

**ICP-MS Data**Soluble Elements (ng/m<sup>3</sup>)

Na Mg Al K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn

**NOV 2, 4, 5, 6 2017****Soluble elements not collected for composites**

CAMP

Jackson

Platteville

**NOV 27, 29, 30, 31 2017**

CAMP

Jackson

Platteville

**12/11/2016**

CAMP

53.232 4.5602 1.0917 13.081 12.132 0.002 0.0009 0.0391 0.0305 0.2315 2.2001 0.0043 0.0622 1.545 5.4654

Jackson

209.51 1.5758 0.3256 8.7712 8.1904 0 0 0 0.0186 0.1266 0.0822 0.0004 0.0134 0.1192 5.5876

Platteville

**12/13/2016**

CAMP

66.329 8.7825 8.796 18.976 41.002 0.001 0.0169 0.0579 0.043 0.7853 2.7116 0.0322 0.0819 3.197 10.88

Jackson

4.5575 1.526 8.4607 7.2359 5.2221 0.0007 0.0134 0.0047 0.0076 0.0776 0.4685 0.0009 0.0565 0.0855 1.9123

Platteville

18.651 3.052 6.018 11.347 14.745 0.0025 0.0106 0.0003 0.0247 0.3352 4.6125 0.0064 0.0221 0.5932 5.8767

**12/15/2016**

CAMP

85.86 15.911 2.8288 32.218 81.094 0.0003 0.0225 0.0749 0.0526 1.3697 2.4768 0.0281 0.0821 3.5028 21.84

Jackson

Platteville

18.442 7.7081 2.3774 27.579 34.934 0.0001 0.0151 0.0183 0.0296 0.9665 5.3353 0.0106 0.0201 0.6596 8.9009

**12/17/2016**

CAMP

148.98 8.0455 2.3313 45.525 18.251 0.0009 0.003 0.0419 0.0945 0.514 4.0033 0.0051 0.0922 0.9599 13.36

Jackson

49.031 4.1864 1.0692 17.746 9.6689 0.0003 0.0242 0.0425 0.0195 0.2418 0.8908 0.0032 0.0131 0.1141 2.5112

Platteville

29.297 4.8202 2.4739 34.084 11.031 0.0011 0 0.0281 0.033 0.3407 3.3497 0.0035 0.0172 4.4959 12.946

**12/19/2016**

CAMP

232.49 13.352 1.7687 21.661 33.859 0.0014 0.0109 0.0389 0.189 0.8844 2.2866 0.0131 0.0443 2.3001 15.713

Jackson

100.34 3.6663 1.1602 32.615 12.316 0.0006 0.0182 0.0263 0.0513 0.2778 2.4101 0.005 0.0127 0.5091 8.0649

Platteville

**12/21/2016**

CAMP

89.154 9.9678 1.6003 14.894 35.626 0.001 0.0171 0.0341 0.0446 0.8802 1.4399 0.0118 0.1588 2.3045 9.5797

Jackson

2.213 1.5435 5.5091 2.1075 6.5749 0.0002 0.0187 0.0039 0 0.0898 0.2361 0 0 0.0484 1.1891

Platteville

28.216 3.1584 0.1447 4.1675 6.6653 0.0008 0 0.0006 0 0.1318 0.1748 0.0006 0.0041 0.1511 1.3612

**12/23/2016**

CAMP

221.71 23.118 5.5631 50.042 80.201 0.0009 0.0217 0.063 0.0666 1.5114 5.5843 0.0284 0.1119 4.2999 18.668

**ICP-MS Data**Soluble Elements (ng/m<sup>3</sup>)

	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Jackson (12/23)	12.835	3.0624	1.1412	8.3371	14.479	0.0004	0.0207	0.0123	0.0119	0.2539	1.3951	0.0092	0.0273	0.23	1.9065
Platteville (12/23)	108.37	6.0378	1.0789	44.609	23.977	0.0005	0.0168	0.015	0.0352	0.5697	2.994	0.0054	0.0214	1.1785	9.6912
<b>2/24/2017</b>															
CAMP	14.185	4.3742	0.915	7.9431	17.404	9E-05	0.0097	0.0458	0.0476	0.4341	2.7771	0.0034	0.0644	2.1607	5.4216
Jackson	0	1.3121	0.2969	3.9205	3.963	0.0003	0	0.0078	0.0226	0.0549	0.1529	0.0004	0.0558	0.0201	0.5001
Platteville	4.4554	3.5626	0.5053	5.7246	7.2986	0.0004	0.0084	0.0129	0.0148	0.2131	1.0783	0.0007	0.013	0.1275	1.9993
<b>2/26/2017</b>															
CAMP	97.015	10.048	1.7024	12.392	20.938	0.0003	0	0.041	0.03	0.363	2.9977	0.0071	0.043	1.161	6.5713
Jackson	0	2.0194	0.4527	8.081	3.3531	9E-05	0	0.0087	0.0311	0.096	0.819	0.0162	0.0836	0.1005	2.7301
Platteville	6.7948	3.2145	0.9418	23.027	9.4887	0.0008	0.0057	0.0061	0.0252	0.2431	5.942	0.003	0.0117	0.5602	10.49
<b>2/28/2017</b>															
CAMP	91.847	17.105	3.2188	21.591	53.06	0.0013	0.0162	0.078	0.0576	0.991	5.2383	0.0239	0.1593	2.674	14.622
Jackson	4.9514	3.3587	0.6485	8.7766	9.4835	9E-05	0.004	0.0179	0.0121	0.2208	0.7597	0.0012	0.0281	0.0931	1.4092
Platteville	32.367	8.5371	1.7141	40.423	21.398	0.0014	0.021	0.0198	0.0389	0.6487	8.9185	0.0201	0.0343	0.6351	10.599
<b>3/2/2017</b>															
CAMP	88.236	8.2799	0.231	8.0494	23.598	0.0013	0	0.0493	0.0057	0.3235	0.1755	0.0044	0.0615	0.6875	4.9807
Jackson	0.3252	1.6516	0.2696	1.7575	6.6524	0.0004	0.0073	0.0095	0.004	0.1188	0.1878	0.0015	0.0275	0.0396	0.6377
Platteville	5.756	3.4391	0.4805	7.1523	10.585	0.0004	0.0063	0.0059	0.0047	0.2655	1.8372	0.0009	0.0114	0.3949	7.699
<b>3/7/2017</b>															
CAMP	95.145	18.951	1.0255	28.811	101.5	0.0009	0.0099	0.0835	0.0442	1.3978	0.479	0.0154	0.0405	1.2304	14.448
Jackson	26.39	7.3806	1.2307	23.93	34.065	0.0009	0.0143	0.0271	0.018	0.6409	1.1963	0.0089	0.1148	0.1958	4.9622
Platteville	21.509	14.126	1.8296	57.631	57.267	0.0003	0.0179	0.0305	0.0584	1.2267	5.5664	0.0216	0.0277	0.8061	13.824
<b>7/31/2017</b>															
CAMP															
Jackson	4.9401	2.8956	1.1078	36.52	-2.16	0.0031	0.0067	0.006	0.0416	0.248	0.8295	0	0.1757	0.0925	-0.553
Platteville	13.833	5.3243	5.329	-78.85	34.281	-0.013	0.0407	0.0137	0.0272	0.6789	11.482	0.0013	0.048	-9.381	4.2914
<b>8/2/2017</b>															
CAMP	5.0746	7.4953	3.6149	46.397	55.029	0.0053	0.1669	0.0057	0.1069	1.2676	27.753	0.0012	0.229	2.3765	4.98
Jackson	7.727	3.6956	1.5924	24.653	9.4877	-0.005	0.0202	0.0218	0.0433	0.4484	2.1305	0.0042	0.1609	0.1068	-0.053
Platteville	14.923	10.218	5.1458	33.065	58.605	-0.009	0.1169	0.0293	0.0595	1.2386	17.51	0.0099	0.0408	0.3912	3.8355
<b>8/4/2017</b>															
CAMP	20.376	9.9875	6.006	97.961	63.415	0.0051	0.4689	0.0294	0.1801	1.5826	47.736	0.0107	0.0752	3.612	10.153
Jackson	4.8228	3.6011	1.6154	50.835	6.5035	0.0122	0.0453	0.0062	0.0635	0.6321	2.3414	0.0014	0.2923	0.085	-0.18
Platteville	11.294	5.783	3.0296	75.328	30.044	-0.023	0.1203	0.0139	0.0947	0.8472	24.002	0.0028	0.0293	0.6658	5.3308

**ICP-MS Data**Soluble Elements (ng/m<sup>3</sup>)

	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
<b>8/6/2017</b>															
CAMP	8.5501	5.0164	3.1793	42.758	21.337	0.0064	0.1856	0.0186	0.1374	0.5471	17.551	0.0034	0.0992	3.1999	6.2509
Jackson	1.5268	1.5496	0.6166	36.821	-7.221	-0.007	0.0164	0	0.1357	0.2054	1.0688	0	0.0029	0.2018	-0.349
Platteville	-1.619	-0.024	0.1048	16.689	-1.953	-0.025	0.003	0	0.0425	0.0373	0.1393	0	0.0181	0.2283	0.7251
<b>8/8/2017</b>															
CAMP	12.178	4.9255	7.8414	51.692	38.987	0.003	0.2542	0.0155	0.0946	1.0194	25.784	0.0061	0.0234	2.5802	7.8289
Jackson	3.3627	1.0466	0.4301	31.854	-12.2	-0.008	0.02	6E-05	0.0989	0.1404	1.1391	0	0.0263	0.951	0.0163
Platteville	2.3987	1.783	1.3447	40.743	9.3294	-0.002	0.054	0.003	0.0557	0.4499	12.654	0.0005	0.0208	0.3588	4.4575
<b>8/10/2017</b>															
CAMP	12.038	8.2676	5.4979	29.38	100.35	0.0048	0.3073	0.0287	0.0966	1.1134	29.245	0.0093	0.0354	2.8351	7.5323
Jackson	4.93	-13.98	1.6894	27.87	17.014	-0.652	0.0131	0.0045	-90.72	0.1951	1.3188	-4E-05	0.0705	0.182	1.4214
Platteville	-3.9	0.774	0.6369	9.9929	1.8299	-0.05	0.0643	0	0.1063	0.2712	8.3679	0	0.0103	0.2103	6.819
<b>8/12/2017</b>															
CAMP	13.822	5.1456	2.5927	19.151	26.239	0.0031	0.0965	0.0209	0.0646	0.537	12.587	0.0018	-0.002	4.1049	7.2721
Jackson	8.1437	1.9282	0.5067	15.686	-6.932	-0.004	0.0047	0.007	0.0465	0.1804	0.6254	0	0.0242	0.277	-0.378
Platteville	5.811	2.0121	1.0137	13.015	8.2764	-0.016	0.029	0.0171	0.036	0.2867	5.8679	0	0.0129	0.2855	3.0585
<b>8/14/2017</b>															
CAMP	19.661	7.8401	2.61	14.481	74.3	0.0008	0.0617	0.025	0.0596	0.7763	6.0446	0.0059	0.0705	2.7853	16.69
Jackson	0	97.774	17.721	109.08	374.55	110.96	73.553	0	101.67	17.986	109.34	638.28	112.8	106.15	-1.62
Platteville	13.742	5.5419	2.2736	-86.14	37.426	-0.013	0.0166	0.0177	0.0043	0.6	8.7258	0.0017	0.0251	-8.746	5.6633
<b>8/16/2017</b>															
CAMP	13.528	5.2923	2.1847	11.348	32.767	0.0028	0.0794	0.0197	0.0448	0.4877	6.0505	0	0.0295	2.2581	4.8516
Jackson	0.5747	1.1141	0.4924	18.802	-0.456	-0.008	0.012	0.0038	0.0481	0.1455	0.0601	0	0.2564	0.0319	-0.345
Platteville	6.7825	3.5416	1.5165	13.994	17.688	-0.023	0.0317	0.0087	0.0342	0.3638	8.0782	0.0005	0.0312	0.5359	4.4819
<b>8/18/2017</b>															
CAMP															
Jackson	8.0965	3.5256	1.3813	22.092	11.845	-5E-04	0.0071	0.0065	0.0229	0.4303	0.5969	0.0016	0.1056	0.105	-0.471
Platteville	13.324	7.8966	2.6956	27.872	44.801	-0.023	0.0497	0.0108	0.0305	0.8846	9.6055	0.0077	0.0224	0.5544	3.8749
<b>8/20/2017</b>															
CAMP	16.111	6.795	1.898	20.286	36.175	0.0038	0.0395	0.0092	0.0646	0.5423	5.5565	0	0.0489	1.9569	5.2635
Jackson	20.863	12.675	3.673	48.673	48.257	-0.008	0.0281	0.0268	0.0236	1.112	2.5443	0.0056	0.0901	0.3623	-0.132
Platteville	25.248	11.262	3.156	32.658	60.262	-0.023	0.0455	0.0194	0.0309	1.2023	12.121	0.0064	0.0206	0.738	5.6639
<b>8/22/2017</b>															
CAMP	19.829	9.9334	4.7726	31.027	75.568	0.0035	0.0884	0.035	0.0694	1.2369	14.404	0.0141	0.0118	2.6814	9.1723

**ICP-MS Data**Soluble Elements (ng/m<sup>3</sup>)

	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Jackson (8/22)	12.969	5.4238	2.2553	25.44	12.041	-0.007	0.0347	0.0236	0.0296	0.653	1.7989	0.0018	0.012	0.0896	-0.392
Platteville (8/22)	16.664	10.299	4.5958	38.822	63.916	-0.025	0.0728	0.0397	0.0444	1.2329	12.308	0.0061	0.0302	0.5442	5.4272
<b>8/24/2017</b>															
CAMP	104.1	70.529	5.197	135.49	609.52	0.0016	0.0685	0.1653	0.156	5.4942	2.4123	0.0587	0.1691	10.592	40.761
Jackson	9.5019	5.8729	2.2396	13.794	50.871	-0.005	0.0187	0.0171	0.02	0.759	1.6779	0.005	0.0235	0.2	-0.242
Platteville	55.983	15.271	2.5925	21.886	100.95	-0.024	0.0271	0.0152	0.0303	1.0096	6.1229	0.0177	0.0277	0.8203	11.035
<b>8/26/2017</b>															
CAMP	33.31	10.474	3.7949	22.599	90.404	0.0028	0.0632	0.0355	0.0468	0.8148	5.1989	0.006	0.1314	2.9169	9.9742
Jackson	7.4695	3.5581	0.7996	11.84	11.166	-0.008	0.002	0.0134	0.0075	0.4658	0.1136	0	-0.003	0.4297	-0.358
Platteville	27.521	12.878	4.3801	33.488	73.471	-0.024	0.0588	0.0425	0.0333	1.4464	11.836	0.0094	0.0426	1.0382	10.233
<b>8/29/2017</b>															
CAMP	19.517	24.338	6.3728	38.79	123.47	0.0024	0.0907	0.0398	0.0525	3.1279	8.974	0.0119	0.0265	2.2426	8.2283
Jackson	10.183	6.5282	2.7376	25.531	28.998	-0.003	0.0244	0.0191	0.0181	0.9245	1.8178	0.0054	0.0111	0.1224	-0.358
Platteville	5.4823	105.89	18.408	110.3	776.86	121.4	135.5	0.0482	0.0438	2.2258	20.372	0.021	0.0658	1.0943	8.1062
<b>(blank)</b>															
CAMP	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####
Jackson															
Platteville	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####

**NOTE: "zeros" or negative values are below the limit of detection****ICP-MS Data**Total Elements (ng/m<sup>3</sup>)

	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
CAMP	21.023	12.526	52.912	38.284	58.73	0.0158	4.9076	0.1067	0.3342	1.7274	97.685	0.0248	0.1626	7.1244	8.5911
Jackson	13.387	2.3206	14.222	15.379	7.6199	0.0031	0.9936	0.0432	0.0281	0.3416	14.166	0.0062	-0.002	0.1443	0.7498
Platteville	18.475	7.9906	51.106	41.838	46.492	0.0104	2.6778	0.1069	0.1427	1.3267	66.424	0.0193	0.0712	0.9362	5.339
<b>NOV 27, 29, 30, 31 2017</b>															
CAMP	17.378	13.029	51.54	31.099	75.3	0.0127	3.8322	0.1101	0.2536	1.7638	91.43	0.024	0.1649	3.7953	9.9982
Jackson	13.454	11.574	69.337	36.37	34.395	0.0102	3.5331	0.0967	0.0947	0.9406	40.885	0.0133	0.0215	0.3306	1.551
Platteville	36.983	22.753	145.62	91.608	101.52	0.0215	6.419	0.218	0.3142	2.7	145.02	0.0398	0.1435	4.563	7.8648
<b>12/11/2016</b>															
CAMP	43.849	14.938	28.733	20.95	15.204	0.0108	3.6639	0.0446	0.3118	0.849	74.364	0.0174	0.5153	4.5029	6.7475
Jackson	1.021	0.4951	0.0621	2.5355	1.3169	0.0108	0.1428	0	0.0974	0.0623	2.3874	0.0017	0.0049	0.0379	72.751
Platteville	1.5934	1.8283	7.7759	4.3587	0	0.0056	0.3305	0	0.1612	0.2103	10.051	0.0028	0.0103	2.8923	3.2289



**ICP-MS Data**

	Total Elements (ng/m <sup>3</sup> )														
	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
<b>12/13/2016</b>															
CAMP	149.22	29.14	90.123	72.748	77.271	0.0371	13.769	0.2604	0.9502	3.6845	258.16	0.063	0.2918	16.089	16.627
Jackson	15.173	31.665	4.5419	73.436	21.56	0.0309	5.4229	0	0.4403	1.4279	58.05	0.0261	0	0.8248	11.497
Platteville	23.271	11.006	14.773	17.459	12.256	0.0016	1.3022	0.0051	0.2567	0.7383	44.156	0.0116	0.0961	0.952	4.95
<b>12/15/2016</b>															
CAMP	160.92	60.677	211.33	108.98	178.44	0.0675	20.316	0.3345	1.3772	6.2042	380.53	0.0991	0.5988	18.534	33.443
Jackson	32.585	14.615	90.246	50.894	37.393	0.0114	4.7613	0.1378	0.1381	1.5153	63.731	0.0235	0.0268	0.3775	3.7491
Platteville	26.774	8.4419	54.249	56.622	29.253	0.0062	3.9811	0.0749	0.2429	1.7419	78.042	0.0243	0.0941	1.3519	8.9173
<b>12/17/2016</b>															
CAMP	131.64	20.845	55.739	64.142	46.681	0.0137	4.2503	0.0909	0.5181	1.6276	80.76	0.0243	0.2489	3.8749	17.354
Jackson	35.585	8.7827	12.313	51.624	16.316	0.0012	1.6231	0	0.102	0.5972	17.933	0.0128	0.0421	0.7365	12.024
Platteville	14.818	6.2514	13.959	21.407	7.2164	0.0021	0.8535	0	0.0743	0.3789	9.6224	0.0052	0.0448	2.2701	7.06
<b>12/19/2016</b>															
CAMP	295.4	24.632	39.547	36.485	44.88	0.6156	8.1107	0.0311	0.8581	2.8235	138.46	0.0387	0.2791	7.5229	18.494
Jackson	21.817	4.3617	15.393	31.607	9.1248	0.0623	1.2886	0.0034	0.1902	0.3826	17.421	0.0094	0.0689	0.7485	9.3028
Platteville															
<b>12/21/2016</b>															
CAMP	120.14	21.64	78.015	83.575	59.217	0.0181	7.1439	0.0684	0.7386	2.7708	155.9	0.0431	0.3112	8.6106	11.465
Jackson	40.98	12.954	45.174	32.545	28.373	0.0053	3.0754	0.0523	0.1177	0.837	37.567	0.0138	0.0306	0.2595	2.4971
Platteville	51.299	12.827	30.498	27.159	23.393	0.008	2.2377	0.029	0.2693	1.1544	72.943	0.0153	0.0719	1.6076	12.669
<b>12/23/2016</b>															
CAMP	346.16	57.441	166.22	105.49	118.35	0.049	16.171	0.2682	1.2106	4.5276	305.52	0.0818	0.5024	13.116	25.29
Jackson	28.854	3.2128	42.728	26.11	9.557	0.5072	3.3569	0	0.1354	0.2769	12.337	0.0071	0.0011	0.2605	1.6311
Platteville	58.33	18.077	38.36	62.786	25.691	0.0134	3.1435	0.0511	0.4448	1.937	106.69	0.0232	0.1845	3.8383	14.77
<b>2/24/2017</b>															
CAMP	39.382	4.2581	29.14	17.427	11.733	0.0042	2.2351	0.0185	0.2756	0.9352	43.698	0.0114	0.116	3.7453	6.6065
Jackson	0	1.0379	0	3.0078	1.1661	0	0.0867	0	6E-05	0.0628	1.5177	0	0.0394	0.0096	1.2892
Platteville	4.4091	3.6465	16.098	11.047	6.6088	0	0.8939	0	0.0589	0.3689	16.137	0.0034	0.0627	0.304	1.6823
<b>2/26/2017</b>															
CAMP	110.45	12.729	20.898	22.873	21.392	0.0064	2.4242	0.0105	0.1651	0.779	53.253	0.0156	0.094	2.3366	5.9351
Jackson	2.9042	1.798	1.4817	10.469	2.4493	0	0.512	0	0.0324	0.1462	5.0774	0.002	0.0125	0.9856	3.1816
Platteville	12.795	5.417	12.532	29.836	6.682	0.001	1.0315	0	0.149	0.4605	33.415	0.0064	0.0153	0.8887	6.8424
<b>2/28/2017</b>															
CAMP	129.1	38.006	84.239	54.574	78.522	0.026	7.3104	0.135	0.7513	2.8688	181.82	0.0537	0.6463	7.1667	20.312

**ICP-MS Data**

		Total Elements (ng/m <sup>3</sup> )														
		Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Jackson (2/28)		10.248	25.14	180.4	34.747	9.6735	0.0419	4.356	0.2987	0.2478	0.5672	74.247	0.0155	0.1144	0.2196	1.5963
Platteville (2/28)		19.607	9.718	31.85	48.647	17.663	0.0044	1.7674	0.0318	0.1769	1.1657	59.188	0.0133	0.0563	1.188	7.539
<b>3/2/2017</b>																
CAMP		83.155	14.552	28.926	22.298	33.127	0.0129	3.3669	0.0526	0.2522	1.2701	76.267	0.0205	0.0882	5.6111	7.0484
Jackson		1.5434	1.2523	3.4643	3.6973	0.6888	0	0.4572	0	0.0042	0.1073	4.5014	0.0022	0	0.0603	0.3331
Platteville		2.8535	1.5176	2.9834	4.9344	0.4983	0.0151	0.5173	0	0.0362	0.1879	15.493	0.0015	0	0.3565	1.5412
<b>3/7/2017</b>																
CAMP		113.79	33.647	83.324	70.772	105.79	0.0267	11.601	0.2334	0.9006	6.2032	210.65	0.0628	0.3676	10.345	26.997
Jackson		22.938	9.9736	40.265	39.891	21.043	0.0066	3.2036	0.124	0.1121	1.0408	47.53	0.0191	0.0728	0.4663	4.1757
Platteville		40.252	26.098	110.45	103.91	57.466	0.019	5.9832	0.1427	0.5667	2.6194	131.88	0.0341	0.1345	2.1989	10.911
<b>7/31/2017</b>																
CAMP		20.307	15.064	50.664	42.626	52.449	0.0127	5.2543	0.0803	0.4479	2.0969	96.718	0.0214	0.2204	5.2935	12.304
Jackson		8.6623	1.5941	8.4755	4.7743	-13.96	0.0027	0.4379	0	0.0594	0.0453	7.878	0.0011	-0.099	0.0489	-0.781
Platteville		29.845	8.2325	50.009	40.566	26.257	0.0111	3.029	0.0444	0.1667	0.9945	49.718	0.0181	0.0517	0.4582	2.176
<b>8/2/2017</b>																
CAMP		65.679	48.7	223.83	133.55	187.49	0.0442	13.774	0.308	0.7261	4.3993	231.11	0.0642	0.3282	6.4077	13.181
Jackson		17.851	6.3423	29.199	38.164	10.199	0.0074	1.8205	0.0451	0.0417	0.5775	23.072	0.0097	-0.089	0.1392	0.4436
Platteville		14.885	7.5007	38.449	33.188	30.621	0.0078	2.4934	0.0577	0.118	0.9158	41.41	0.0248	0.0368	0.2877	1.3034
<b>8/4/2017</b>																
CAMP		32.91	27.188	99.764	149.05	97.268	0.0268	8.0594	0.1538	0.5419	3.0438	157.55	0.0391	0.2356	6.3873	12.039
Jackson		5.9482	4.0546	21.393	67.072	-5.973	0.0051	1.3067	0.0062	0.0219	0.6343	19.172	0.0043	-0.109	0.1056	-0.221
Platteville																
<b>8/6/2017</b>																
CAMP		23.901	11.359	36.874	81.986	31.994	0.0106	3.6547	0.0805	0.3011	1.1354	68.531	0.0167	0.193	6.6695	8.1174
Jackson		2.3473	1.5151	9.865	33.89	-10.09	0.0024	0.7993	0	0.0158	0.1405	7.2964	0.0023	-0.071	0.1024	-0.173
Platteville		18.793	6.7733	20.771	48.852	24.87	0.006	1.1065	0	0.0835	0.649	27.042	0.0147	-0.015	0.4612	4.8461
<b>8/8/2017</b>																
CAMP		80.753	12.512	38.395	72.134	80.533	0.0132	4.0485	0.0861	0.3918	2.1412	99.442	0.0223	0.2698	4.3419	11.099
Jackson		6.0788	0.8092	8.3456	34.49	-19.39	0.0019	0.4389	0	-0.005	0.106	6.9553	0.0013	-0.113	1.342	-0.471
Platteville		7.6986	3.6077	13.921	50.67	23.075	0.0045	0.9164	0	0.0878	0.6863	26.131	0.0093	-0.003	0.5016	3.4603
<b>8/10/2017</b>																
CAMP		20.412	13.585	50.843	54.244	73.161	0.0193	5.1498	0.1089	0.371	1.8098	101.84	0.0238	0.2393	3.9181	8.1032
Jackson																
Platteville		3.5967	3.2399	11.906	17.578	45.459	0.0054	0.7437	0	0.0757	0.3742	18.554	0.0116	0.0913	0.2431	3.5414

**ICP-MS Data**Total Elements (ng/m<sup>3</sup>)

	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
<b>8/12/2017</b>															
CAMP															
Jackson	13.558	3.8863	16.375	24.716	-6.149	0.0041	0.7382	0	0.0986	0.3842	45.318	0.007	-0.077	0.5503	10.655
Platteville	12.342	4.2602	18.737	22.548	17.84	0.0071	1.35	0.015	0.095	0.505	25.076	0.007	0.0118	0.3851	1.9437
<b>8/14/2017</b>															
CAMP	49.056	20.057	56.362	50.81	124.59	0.0195	6.2728	0.1236	0.591	2.9369	144.16	0.0521	0.2762	7.0983	29.496
Jackson	13.717	4.8312	26.894	24.854	-7.041	0.0064	1.4288	0.011	0.0238	0.3331	19.033	0.0055	-0.095	0.2561	-0.19
Platteville	35.933	11.443	50.529	46.823	48.265	0.0125	3.6486	0.1027	0.2974	1.4585	96.776	0.0217	0.1121	1.8514	6.6318
<b>8/16/2017</b>															
CAMP	31.467	11.977	40.327	34.678	49.462	0.013	4.0385	0.0999	0.3153	1.4427	87.023	0.0422	0.1761	4.4275	6.8103
Jackson	1.4837	1.3013	10.577	19.709	-3.111	0.0042	7.331	0	0.0305	0.8488	13.175	0.0049	-0.076	0.0648	0.6744
Platteville															
<b>8/18/2017</b>															
CAMP															
Jackson	15.753	6.8602	46.133	52.242	4.2791	0.0116	2.7414	0.0303	0.0277	0.6796	31.295	0.0099	-0.115	0.2591	-0.101
Platteville	38.01	13.558	73.357	66.972	58.557	0.0173	5.1291	0.1117	0.2293	1.795	92.268	0.0274	0.0519	1.0549	4.5982
<b>8/20/2017</b>															
CAMP	25.362	14.005	52.29	45.897	42.993	0.0726	4.8778	0.0896	0.2872	1.4176	83.863	0.0167	0.1523	3.8624	5.3838
Jackson	11.856	6.1847	33.173	33.445	-4.652	0.0055	1.6871	0.0242	0.015	0.4455	21.292	0.0057	-0.072	0.1394	-0.592
Platteville	34.737	21.367	108.7	74.229	66.876	0.0197	5.0334	0.1182	0.2354	1.7537	89.902	0.0239	1.2059	1.2301	4.147
<b>8/22/2017</b>															
CAMP	18.402	13.155	51.957	37.343	43.444	0.0132	3.9939	0.0596	0.2375	1.6457	74.224	0.0166	0.1657	2.5632	5.4755
Jackson	14.775	5.5355	35.14	42.433	-5.946	2.2483	13.001	0.0464	0.0387	0.734	30.754	0.0088	-0.085	0.1197	-0.038
Platteville	35.823	21.735	123.52	83.856	59.716	0.0189	5.4257	0.1425	0.216	1.7907	90.373	0.0242	0.0712	0.7716	3.8097
<b>8/24/2017</b>															
CAMP	20.762	12.034	38.216	20.122	75.649	0.0099	3.6407	0.0549	0.2504	1.2922	68.53	0.0236	0.1235	4.1528	6.7334
Jackson	13.178	6.9524	48.843	29.314	22.915	0.0098	2.5854	0.0435	0.0379	0.6348	34.12	0.0111	-0.024	0.154	0.7686
Platteville	28.761	15.009	91.594	53.494	47.15	0.0246	5.1818	0.1333	0.257	2.0427	107.41	0.0305	0.0678	1.2615	3.8945
<b>8/26/2017</b>															
CAMP	73.084	38.479	131.52	90.193	171.78	0.0387	10.739	0.2686	0.7102	3.3977	204.09	0.0565	0.3971	9.58	13.545
Jackson	22.144	5.05	30.201	35.766	0.5316	0.0065	2.1715	0.0582	0.0404	0.6534	28.275	0.0124	-0.079	0.9574	0.4796
Platteville	13.816	3.4325	7.3532	14.983	20.601	0.0028	0.6643	0	0.0236	0.1899	6.3288	0.004	0.0221	0.1274	0.9349
<b>8/29/2017</b>															
CAMP	64.61	54.41	199.09	130.75	257.17	0.0445	12.191	0.4269	0.6528	8.5308	247.24	0.0721	0.588	5.9272	12.711

**ICP-MS Data**Total Elements (ng/m<sup>3</sup>)

	Na	Mg	Al	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Jackson (8/29)															
Platteville (8/29)	59.559	39.242	220.87	145.93	118.64	0.0394	10.212	0.2594	0.3376	3.3027	165.61	0.049	0.1147	1.4993	5.6184
(blank)															
CAMP	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####
Jackson	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####
Platteville	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####

**NOTE: "zeros" or negative values are below the limit of detection**

	Soluble Elements (ng/m^3)															
	As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce	
<b>NOV 2, 4, 5, 6 2017</b>																
CAMP																
Jackson																
Platteville																
<b>NOV 27, 29, 30, 31 2017</b>																
CAMP																
Jackson																
Platteville																
<b>12/11/2016</b>																
CAMP	0.0936	0.0988	0.0167	0.1796	0.0834	0.0003	0.0006	0.0009	0.0197	0.2547	0.2002	0.0008	3.9922	0.0054	0.0036	
Jackson	0.0557	0.0938	0.0134	0.08	0.0179	0	0	2.7325	0.5617	0.0536	0.1169	0	0.374	0.0005	0.0007	
Platteville																
<b>12/13/2016</b>																
CAMP	0.1173	0.0696	0.0314	0.7766	0.1815	0	0	0.0003	0.0222	0.2233	0.5037	0.0014	8.1136	0.0018	0.0037	
Jackson	0.0314	0.0452	0.0135	0.0846	0.0194	0.0002	0.0001	0.1874	0.0792	0.0247	0.0206	0.0017	0.3353	0.0013	0.0019	
Platteville	0.0753	0.137	0.0174	0.1573	0.0657	0.0002	0.0001	0.0009	0.0192	0.0366	0.0894	0.0012	2.2999	0.0017	0.003	
<b>12/15/2016</b>																
CAMP	0.1487	0.1384	0.0527	0.8185	0.296	0	0	0.0003	0.0287	0.1575	0.6123	0.0019	9.9624	0.0023	0.0026	
Jackson																
Platteville	0.1384	0.1265	0.0334	0.362	0.1835	0	0	0.0006	0.0249	0.0195	0.1653	0.0022	3.3589	0.0018	0.0044	
<b>12/17/2016</b>																
CAMP	0.265	0.1438	0.0556	0.222	0.1809	0	0	0.0011	0.0595	0.4229	0.2185	0.0023	2.8782	0.0057	0.0057	
Jackson	0.1119	0.0886	0.0282	0.1827	0.0263	0	0	0.0007	0.0234	0.0199	0.0579	0.0017	0.4777	0.0009	0.0015	
Platteville	0.2436	0.0619	0.0423	0.2149	0.1415	0	0	0.0013	0.0502	0.008	1.5569	0.0028	1.6185	0.001	0.0021	
<b>12/19/2016</b>																
CAMP	0.1168	0.2001	0.0308	0.4027	0.1891	0	0	0.0007	0.0323	0.0403	0.2626	0.0012	4.6277	0.0018	0.0015	
Jackson	0.2825	0.2276	0.032	0.145	0.1622	0	0	0.002	0.0469	1.7097	0.1828	0.0011	1.4147	0.0034	0.0024	
Platteville																
<b>12/21/2016</b>																
CAMP	0.1452	0.3438	0.0194	0.4898	0.1669	0	0	0.0003	0.0172	0.028	0.3034	0.001	5.1934	0.0004	0.0011	
Jackson	0.0151	0.0306	0.0067	0.0474	0.006	0	0.0002	0.0005	0.0029	0.0192	0.0069	0.0002	0.1354	0.0012	0.0019	
Platteville	0.0172	0.0384	0.0041	0.074	0.0302	0	0	0	0.0026	0.0065	0.039	0.0002	0.8739	0.0001	0.0002	
<b>12/23/2016</b>																
CAMP	0.2176	0.6815	0.0665	0.968	0.3442	0	0	0.0006	0.0513	0.1618	0.6452	0.0023	12.063	0.0029	0.0043	

	Soluble Elements (ng/m^3)															
	As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce	
Jackson (12/23)	0.0485	0.1607	0.0159	0.1853	0.0308		0	0	0.0008	0.011	0.1537	0.0701	0.0016	0.7337	0.0006	0.0019
Platteville (12/23)	0.1617	0.3745	0.0292	0.3107	0.1852		0	0	0.0006	0.0223	0.3221	0.2749	0.0022	5.7249	0.0012	0.0013
2/24/2017																
CAMP	0.0302	0.0783	0.011	0.1771	0.0798		0	0	0	0.0143	0.0186	0.1563	4E-05	2.3283	0.0014	0.0014
Jackson	0.0095	0.0969	0.0048	0.032	0.0009		0	0	0	0.0026	0.0004	0.0042	0	0.0627	0.0004	0.0003
Platteville	0.0147	0.0911	0.0082	0.0657	0.0146		0	0	0.0001	0.0103	0.0747	0.0294	0	0.5532	6E-05	0.0005
2/26/2017																
CAMP	0.0661	0.1438	0.0184	0.2378	0.0631		0	0	0.0004	0.014	0.0042	0.1359	0.0009	2.3525	0.0011	0.0024
Jackson	0.0709	0.2113	0.0082	0.0343	0.0167		0	0	0	0.0289	0.0261	0.0453	0	0.2477	0.0002	0.0007
Platteville	0.2209	0.1706	0.0149	0.1198	0.0712		0	0	0.0001	0.0131	0.0345	0.0837	0.0005	1.7757	0.0007	0.0011
2/28/2017																
CAMP	0.1519	0.1804	0.0356	0.5876	0.1801		0	0	0.0004	0.028	0.0282	0.4265	0.0017	5.3062	0.002	0.0035
Jackson	0.0499	0.1305	0.0118	0.1271	0.0122		0	0	0.0007	0.0123	0.0172	0.051	0.001	0.2712	0.0008	0.0016
Platteville	0.205	0.3899	0.0395	0.2875	0.1038		0	0	0	0.0227	0.0727	0.1631	0.0013	2.9641	0.0008	0.0024
3/2/2017																
CAMP	0.0389	0.3845	0.0128	0.2529	0.0596		0	0	0.0003	0.0064	0.1582	0.1802	0.0002	2.4203	0.0002	0.0006
Jackson	0.0132	0.0121	0.0029	0.0542	0.0039		0	0	0	0.0011	0.0097	0.0098	0	0.1518	4E-05	0.0003
Platteville	0.0568	0.0755	0.0089	0.1268	0.0391		0	0	0	0.0058	0.0021	0.1375	0	2.1804	2E-06	0.0002
3/7/2017																
CAMP	0.0841	0.1172	0.0437	0.9869	0.1634		0	0	0.0003	0.0127	0.034	0.4424	0.0008	6.3548	0.0003	0.0005
Jackson	0.0897	0.1965	0.0275	0.3312	0.0445		0	0	0.0004	0.0145	0.0549	0.0735	0.0012	0.7602	0.0015	0.0027
Platteville	0.1152	0.2347	0.038	0.5783	0.1356		0	0	0	0.0292	0.0375	0.2287	0.0016	4.4064	0.0011	0.0027
7/31/2017																
CAMP																
Jackson	0.2732	0.3439	0.0124	0.1026	0.0043	-6E-07	4.7281	8E-05	0.0124	0	0.0206	7E-05	0.2608	0.0029	0.0031	
Platteville	0.0744	-2.428	0.0171	0.2384	0.0122	-422.2	0.8148	-24.96	-1.583	0.0796	-17.49	-106.7	1.4455	0.0043	0.0055	
8/2/2017																
CAMP	0.076	0.4608	0.0373	0.3186	0.0764		0	0.1438	-9E-04	1.9261	0.0834	0.3525	8E-05	4.2561	0.0085	0.0113
Jackson	0.0905	0.509	0.0275	0.1421	0.0055	-6E-05	-0.259	-0.002	0.0126	0	0.0423	-6E-05	0.327	0.0028	0.0057	
Platteville	0.1389	0.458	0.036	0.4185	0.0256		0	-1.695	-0.001	0.0189	0.2087	0.0969	0.0005	2.1892	0.0064	0.017
8/4/2017																
CAMP	0.2516	0.8659	0.0777	0.5457	0.1449		0	0.7427	-0.002	0.0533	0.8572	0.6839	0.0018	7.1752	0.0264	0.0167
Jackson	0.0575	0.4485	0.0499	0.1397	0.0059	-6E-05	5.1806	-0.002	0.0201	0	0.0254	0.0007	0.3202	0.0033	0.005	
Platteville	0.2453	0.7902	0.0567	0.3533	0.0346		0	-2.038	-0.002	0.0364	0.5049	0.3553	0.0013	2.6021	0.0051	0.0099

		Soluble Elements (ng/m^3)																	
		As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce			
<b>8/6/2017</b>																			
CAMP		0.1589	0.6177	0.0346	0.2599	0.0673		0	0.9911	-6E-04	0.0279	0.2777	0.3455	0.0004	3.6002	0.0212	0.0151		
Jackson		0.0808	0.2928	0.0274	0.057	0.0009	-6E-05	-0.47	-0.003	0.0187		0	0.0162	0.0005	0.146	0.001	0.0027		
Platteville		0.0261	0.1063	0.0022	0.0108	0.0003		0	-2.606	-0.001	0.0013	0.0063	0.0095		0	0.1283	-0.001	0.0004	
<b>8/8/2017</b>																			
CAMP		0.1241	0.3901	0.0285	0.2825	0.0824		0	0.2349	0.0008	0.0237	0.6897	0.3691	0.0004	4.6881	0.0184	0.0096		
Jackson		0.0699	0.5656	0.0194	0.0449	0.0007	-6E-05	-0.091	-0.003	0.0212	0.0027	0.0251	-2E-04		0.172	0.0017	0.0029		
Platteville		0.1416	0.7318	0.0292	0.098	0.0194		0	0.7373	-6E-04	0.0256	0.111	0.1073	0.0004	1.3543	0.0032	0.0042		
<b>8/10/2017</b>																			
CAMP		0.1327	0.5909	0.029	0.4454	0.0916		0	0.9673	-8E-04	0.0248	0.7842	0.4815	0.0011	5.9054	0.03	0.017		
Jackson		0.0734	-101.8	-393.2	0.0914	0.0039	-16.48	0.9359	-0.003	-20.94	0.0247	0.0156	0.0004	0.2842	0.0008	0.0018			
Platteville		0.1245	0.6952	0.0134	0.0638	0.0086		0	-4.684	-0.005	0.0028		0	0.052		0	1.108	-0.003	0.0017
<b>8/12/2017</b>																			
CAMP		0.1187	0.4609	0.0186	0.3895	0.0849		0	1.1908	-6E-04	0.0181	0.3479	0.4679	0.0007	5.1714	0.007	0.009		
Jackson		0.1125	0.3551	0.0138	0.0634	0.001	-5E-05	-0.239	-0.002	0.0163		0	0.0622	-9E-05	0.271	0.0005	0.0019		
Platteville		0.2013	0.602	0.0109	0.1103	0.0139		0	-1.91	-0.002	0.0166	0.184	0.0829	0.0006	0.7752	0.0014	0.0042		
<b>8/14/2017</b>																			
CAMP		0.1021	0.2122	0.02	0.5073	0.1062		0	2.7024	-2E-04	0.0197	0.09	0.4215	8E-05	5.0459	0.0024	0.0047		
Jackson		101.22	17.689	109.55	461.9	110.47	72.627	0.3703	-0.002	0.0178	0.0449	0.0996	-4E-05	0.4479	0.0024	0.0046			
Platteville		0.0932	-2.572	0.0117	0.2926	0.0259	-419.8	1.5591	-29.1	-0.256	0.1755	-17.25	-106.1	3.2575	0.0016	-0.001			
<b>8/16/2017</b>																			
CAMP		0.1339	0.8113	0.0119	0.287	0.0815		0	1.1603	-0.002	0.011	1.3655	0.3079	9E-05	3.8329	0.0092	0.0046		
Jackson		0.0477	0.3267	0.0195	0.0576	-0.001	-6E-05	0.1465	-0.003	0.0145		0	0.0601	-1E-05	0.1696	0.0003	0.0017		
Platteville		0.1178	0.3718	0.0129	0.1899	0.0173		0	-1.104	-0.002	0.0072	0.0877	0.0941	0.0002	2.0542	-3E-04	0.0031		
<b>8/18/2017</b>																			
CAMP																			
Jackson		0.0514	0.2617	0.0252	0.1579	0.0028	-6E-05	0.8636	-0.003	0.0265		0	0.0186	-1E-04	0.3669	0.0019	0.0044		
Platteville		0.0974	0.4985	0.0248	0.3541	0.0309		0	-1.73	-0.002	0.022	0.2223	0.1106	0.0003	2.5365	0.0014	0.0071		
<b>8/20/2017</b>																			
CAMP		0.0794	0.1934	0.0264	0.2981	0.076		0	0.6514	-2E-04	0.0376	1.6663	0.5062	0.0008	3.6526	0.0056	0.0042		
Jackson		0.079	0.289	0.0352	0.3218	0.0054	-6E-05	-0.288	-0.003	0.0293		0	0.0376	0.0001	0.7609	0.004	0.009		
Platteville		0.1516	0.5018	0.0359	0.4909	0.0258		0	-0.924	0.0022	0.0294	0.2553	0.1786	0.0005	2.4472	0.0025	0.0083		
<b>8/22/2017</b>																			
CAMP		0.1066	0.4444	0.0424	0.4776	0.0852		0	3.1561	0.0005	0.0262	0.3844	0.5531	0.0018	5.6777	0.0072	0.0094		

Soluble Elements (ng/m <sup>3</sup> )															
	As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce
Jackson (8/22)	0.0717	0.5163	0.0268	0.1865	0.0018	-6E-05	3.6435	-0.001	0.0152	0	0.0262	0.0004	0.3906	0.0044	0.0099
Platteville (8/22)	0.1123	0.7296	0.0386	0.4073	0.0222	0	0.6928	-0.002	0.0192	0.0541	0.1055	0.001	2.1127	0.0051	0.0151
<b>8/24/2017</b>															
CAMP	0.431	0.6876	0.1946	3.5607	1.012	0	7.5331	0.0006	0.0459	0.3232	2.5072	0.0046	22.873	0.0033	0.0043
Jackson	0.0526	0.1996	0.0136	0.2578	0.0069	-6E-05	1.2557	-29.84	-0.277	0.1139	0.0426	0.001	0.7831	0.0032	0.0078
Platteville	0.0968	0.5185	0.0184	0.4425	0.0404	0	-2.746	-0.002	0.0107	0.8892	0.1785	0.0017	3.5319	0.001	0.006
<b>8/26/2017</b>															
CAMP	0.0978	0.2321	0.0269	0.6592	0.1025	0	8.9276	0.0006	0.022	0.1267	0.6423	0.0095	6.0693	0.0048	0.0052
Jackson	0.0398	0.101	0.0103	0.1388	-8E-04	-6E-05	-0.21	-0.003	0.0114	0	0.0208	0.0005	0.336	0.001	0.0038
Platteville	0.1552	0.5079	0.0323	0.5754	0.0432	0	-2.273	-0.001	0.0183	0.219	0.1915	0.0054	3.8585	0.0024	0.0108
<b>8/29/2017</b>															
CAMP	0.0685	0.228	0.0494	0.6158	0.0626	0.0012	2.8668	-5E-04	0.0249	0.0422	0.2976	0.0013	4.2472	0.0124	0.0112
Jackson	0.0563	0.3159	0.0305	0.2718	0.0029	-6E-05	2.4231	-0.003	0.0155	0.0663	0.0412	0.0001	0.6077	0.0038	0.0097
Platteville	0.1269	0.753	0.0567	0.7741	0.0486	0	-2.331	-8E-04	0.0319	0.5593	0.3242	0.0011	4.4937	0.0063	0.02
<b>(blank)</b>															
CAMP	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####
Jackson															
Platteville	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####

Total Elements (ng/m <sup>3</sup> )															
	As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce
CAMP	0.1271	0.417	0.1151	0.6111	0.3283	0.0004	0.6838	0.0229	0.0264	1.389	0.9568	0.0046	7.9799	0.3031	0.197
Jackson	0.0504	0.2375	0.0417	0.165	0.0059	-3E-06	0.0152	0.002	0.0105	0.1286	0.0456	0.0023	0.5696	0.0125	0.0248
Platteville	0.1541	0.358	0.1274	0.5661	0.0731	4E-05	0.2615	0.0037	0.02	0.4382	0.2004	0.0046	2.1968	0.0485	0.0724
<b>NOV 27, 29, 30, 31 2017</b>															
CAMP	0.0686	0.2427	0.1068	0.5464	0.1987	0.0002	0.3343	0.0098	0.0226	0.5798	0.6378	0.0046	5.4634	0.167	0.1197
Jackson	0.0632	0.114	0.1251	0.3	0.0167	2E-05	0.0299	0.002	0.0187	0.192	0.0751	0.0053	1.4164	0.0893	0.0953
Platteville	0.1472	0.1845	0.313	1.3252	0.1436	0.0001	0.2484	0.0048	0.0304	0.3985	0.3698	0.0121	6.8705	0.1837	0.2547
<b>12/11/2016</b>															
CAMP	0.1149	0.1532	0.0621	0.2972	0.2187	0.0009	0.0038	0.0029	0.016	0.7031	0.8297	0.0021	6.0899	0.3284	0.1568
Jackson	0.0113	0.0395	0.0078	0.009	0.0259	0	0	0.7829	0.1989	3.0864	0.024	0	0.1166	0.0111	0.0057
Platteville	0.0585	0.178	0.0082	0.0319	0.0566	0	0	0.0003	0.0064	0.3062	0.0682	6E-05	0.5558	0.0068	0.0086



		Total Elements (ng/m^3)															
		As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce	
<b>12/13/2016</b>																	
CAMP		0.1722	0.1961	0.2414	1.6695	0.7232		0	0.0021	0.0181	0.0273	2.0807	2.4843	0.0112	19.388	0.3841	0.3444
Jackson		0.3052	1.2989	0.166	0.2642	0.1		0	0	4.4283	0.8883	1.0181	0.7801	0	2.6547	0.0624	0.1173
Platteville		0.0942	0.1848	0.0442	0.1875	0.1146		0	0	0.0002	0.0229	0.6254	0.1955	0.0017	2.9639	0.0229	0.0571
<b>12/15/2016</b>																	
CAMP		0.2572	0.3246	0.3856	2.2148	1.1881	0.0017	0.0055	0.0212	0.0406	2.7579	3.235	0.0172	28.918	0.7058	0.6039	
Jackson		0.1236	0.1743	0.1868	0.4423	0.0533		0	0	0.9617	0.1859	0.1774	0.0805	0.0104	1.7869	0.0698	0.145
Platteville		0.1837	0.3034	0.1561	0.4853	0.2413		0	0	0.003	0.026	0.2047	0.3133	0.0061	4.1528	0.0744	0.1123
<b>12/17/2016</b>																	
CAMP		0.3165	0.1845	0.1343	0.5433	0.3602	0.0005	0.0046	0.0099	0.0836	0.5128	0.6766	0.0066	6.9047	0.3598	0.304	
Jackson		0.3718	0.2725	0.0858	0.3236	0.2219	2E-05		0	0.0142	0.0487	3.7663	0.1644	0.0023	1.5308	0.1388	0.0513
Platteville		0.194	0.1225	0.033	0.1405	0.1216		0	0	0.0031	0.0418	0.0591	0.6016	0.0015	1.0182	0.015	0.0185
<b>12/19/2016</b>																	
CAMP		0.1994	0.3978	0.1089	0.6471	0.5411	0.0006	0.0075	0.0297	0.0496	1.219	1.0542	0.0066	8.5573	0.3027	0.2538	
Jackson		0.2297	0.2445	0.0563	0.1004	0.1454		0	0	0.0041	0.0468	5.323	0.1945	0.0015	1.2295	0.194	0.0504
Platteville																	
<b>12/21/2016</b>																	
CAMP		0.1997	0.5405	0.2878	0.8822	0.7582	0.0002	0.0013	0.0121	0.0242	1.5364	1.2375	0.0072	10.756	0.2417	0.3245	
Jackson		0.08	0.2912	0.1228	0.2962	0.0273	0.0003		0	0.0024	0.0107	0.7577	0.0579	0.0075	1.2661	0.0394	0.0783
Platteville		0.0948	0.241	0.0775	0.3392	0.1746	8E-05	0.0018	0.0017	0.014	0.5127	0.2868	0.0048	4.6808	0.1642	0.1067	
<b>12/23/2016</b>																	
CAMP		0.3488	1.2335	0.3564	1.6353	1.2006	0.0005	0.0069	0.02	0.0633	6.8565	2.3332	0.0168	21.9	0.655	0.5065	
Jackson		0.0309	0.2462	0.0851	0.2247	0.0278		0	0	0.0154	0.0168	0.9871	0.0776	0.0028	0.8869	0.0201	0.0236
Platteville		0.2505	0.5395	0.0957	0.5272	0.3555	0.0004	0.0028	0.006	0.047	4.1712	0.7259	0.0046	9.8826	0.3673	0.1624	
<b>2/24/2017</b>																	
CAMP		0.0359	0.1383	0.0697	0.202	0.2083		0	0.0014	0.003	0.0122	0.4638	0.3578	0.0035	2.748	0.0747	0.0697
Jackson		0.0095	0.1038	0.0097	0.0048	0		0	0	0	0.0011	0.0255	0.0021	0	0.0737	0.0026	0.0035
Platteville		0.0155	0.173	0.0407	0.0768	0.0191		0	0	0	0.0081	0.7685	0.05	0.0007	0.7826	0.012	0.0236
<b>2/26/2017</b>																	
CAMP		0.1081	0.4435	0.0697	0.3486	0.1813		0	0.0014	0.0049	0.0173	0.4323	0.3881	0.0025	3.17	0.0451	0.0734
Jackson		0.1081	0.3246	0.016	0.0205	0.023		0	0	0.0002	0.033	0.6198	0.0952	0.0004	0.3063	0.0332	0.013
Platteville		0.3036	0.3501	0.0454	0.1361	0.1052		0	0.0005	0.0019	0.0212	0.5293	0.1574	0.001	2.5401	0.0363	0.0344
<b>2/28/2017</b>																	
CAMP		0.3191	0.3506	0.1847	0.9191	0.617	0.0003	0.0046	0.0102	0.0436	1.319	1.3364	0.0087	9.4695	0.1345	0.2215	

Total Elements (ng/m^3)																
	As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce	
Jackson (2/28)	0.0805	0.2476	0.1375	0.2354	0.0169		0	0.0002	0.0004	0.0125	0.0594	0.0677	0.0061	1.0477	0.0397	0.0545
Platteville (2/28)	0.2432	0.4977	0.0964	0.2782	0.1445		0	0	0.0038	0.0224	0.8723	0.2706	0.0036	2.8419	0.0404	0.0578
<b>3/2/2017</b>																
CAMP	0.0611	0.6205	0.0773	0.4602	0.2787	0.0001	0.0011	0.0069	0.0154	3.1904	0.6266	0.0034	5.6792	0.0526	0.1332	
Jackson	0.0112	0.0376	0.0148	0.0147	0.0042		0	0	0	0.0007	0.037	0.0055	0.0004	0.1327	0.0096	0.0082
Platteville	0.0379	0.1112	0.013	0.0375	0.0275		0	0	0.0002	0.0014	0.0904	0.0942	0	0.9556	0.0047	0.0107
<b>3/7/2017</b>																
CAMP	0.1825	0.1945	0.242	1.5388	0.5976	0.0004	0.0055	0.0247	0.0324	1.4006	1.6544	0.0147	15.843	0.1996	0.2749	
Jackson	0.1264	0.5455	0.1067	0.3423	0.0559		0	0	0.001	0.0205	0.743	0.1156	0.0068	1.1964	0.0498	0.0761
Platteville	0.1498	0.423	0.2712	0.8153	0.2193		0	0.0011	0.0021	0.048	0.7119	0.5295	0.014	6.9746	0.1571	0.2056
<b>7/31/2017</b>																
CAMP	0.1724	0.81	0.1202	0.595	0.3252	0.0003	0.1151	0.003	0.0171	2.0382	0.8438	0.005	7.0186	0.175	0.1503	
Jackson	0.0143	0.015	0.0162	0.0416	-0.016	2E-06	0.0549	0.0033	0.0009	0.0659	0	0.0009	0.3012	0.0063	0.0135	
Platteville	0.0937	0.6287	0.1161	0.3645	0.0252	0.0006	0.0677	0.0022	0.005	0.3488	0.0859	0.0054	2.0779	0.0476	0.0825	
<b>8/2/2017</b>																
CAMP	0.1678	0.7629	0.4543	1.6675	0.36	0.0003	0.6054	0.0136	0.0524	1.9932	1.2367	0.0169	13.783	0.2738	0.3547	
Jackson	0.1102	0.9035	0.0825	0.2042	-0.011	0.0002	0.8997	0.0082	0.0181	0.0764	0.0428	0.003	0.6294	0.0234	0.0409	
Platteville	0.0932	0.2812	0.102	0.3175	0.0109		0	0.0095	0.0022	0.0086	0.3771	0.0509	0.0036	1.4912	0.0341	0.0652
<b>8/4/2017</b>																
CAMP	0.2943	1.4957	0.2544	1.0057	0.3557	0.0004	0.4627	0.0155	0.0486	3.4139	1.3123	0.0098	11.384	0.3391	0.2695	
Jackson	0.079	0.6944	0.0903	0.1737	-0.018	-1E-05	-0.086	0.0132	0.0263	0.0338	0.0073	0.0029	0.5306	0.023	0.0341	
Platteville																
<b>8/6/2017</b>																
CAMP	0.2697	1.1447	0.1194	0.5133	0.3652	0.0008	0.7527	0.0168	0.0425	1.3831	0.7586	0.0045	6.3555	0.3776	0.1789	
Jackson	0.0931	0.4486	0.0399	0.0715	-0.026	-1E-05	-0.049	0.0043	0.0207	0.013	0.0036	0.0013	0.1997	0.0077	0.0121	
Platteville	0.2708	1.1982	0.069	0.1965	0.008	4E-05	0.195	0.0087	0.027	1.2693	0.1252	0.0025	1.5085	0.0217	0.036	
<b>8/8/2017</b>																
CAMP	0.1833	0.8778	0.0905	0.5242	0.2667	0.0002	0.9358	0.0196	0.0411	3.3398	0.8579	0.0033	7.7534	0.5004	0.1854	
Jackson	0.0945	0.9595	0.0384	0.0541	-0.024	6E-06	-0.05	0.0029	0.0142	0.0884	0.0131	0.001	0.214	0.0128	0.0163	
Platteville	0.1598	0.9475	0.0532	0.146	0.0154	0.0001	0.1293	0.0093	0.0267	0.3313	0.1289	0.0018	1.4742	0.0356	0.0327	
<b>8/10/2017</b>																
CAMP	0.1574	1.0635	0.1289	0.6092	0.1837	0.0004	0.3324	0.0087	0.029	3.9774	0.9365	0.0056	7.5852	0.4355	0.1918	
Jackson																
Platteville	0.1269	0.8791	0.0375	0.1089	-0.02	0.0006	0.947	0.011	0.012	0.0251	0.0254	0.0022	0.8925	0.0114	0.0218	

		Total Elements (ng/m^3)														
		As	Se	Rb	Sr	Mo	Rh	Pd	Ag	Cd	Sn	Sb	Cs	Ba	La	Ce
<b>8/12/2017</b>																
CAMP																
Jackson		0.2091	0.7531	0.0463	0.0843	-0.021	-1E-05	-0.023	0.0057	0.023	0.2191	0.1047	0.0019	0.3865	0.0109	0.0193
Platteville		0.2635	0.8685	0.0493	0.1543	0.0027	1E-05	0.1129	0.0052	0.016	0.718	0.1128	0.003	0.976	0.018	0.0316
<b>8/14/2017</b>																
CAMP																
Jackson		0.2059	0.5723	0.1478	1.0572	0.4118	0.0003	0.6708	0.0332	0.0528	1.3397	1.2829	0.0081	10.791	0.0818	0.1654
Jackson		0.1478	0.7018	0.0575	0.1678	-0.017	-1E-05	-0.062	0.0029	0.0233	0.2453	0.1346	0.0035	0.6789	0.0299	0.0366
Platteville		0.228	0.7753	0.1281	0.5437	0.0959	0.0001	1.5732	0.0109	0.0337	1.5762	0.5313	0.0057	6.296	0.1048	0.1121
<b>8/16/2017</b>																
CAMP																
Jackson		0.2216	1.37	0.1032	0.7169	0.2712	0.0002	0.5815	0.0068	0.0183	8.6399	0.7986	0.0048	6.9664	0.4198	0.1646
Platteville		0.0437	0.3454	0.0338	0.0622	-0.002	1E-05	-0.087	0.0191	0.0143	0.0368	0.0695	0.001	0.2052	0.0068	0.0126
<b>8/18/2017</b>																
CAMP																
Jackson		0.0897	0.4051	0.1303	0.3105	-0.016	-1E-05	-0.049	0.0067	0.0428	0.036	0.0206	0.0051	0.942	0.0327	0.0654
Platteville		0.1816	0.9292	0.2069	0.5652	0.0822	0.0002	0.4449	0.0067	0.0407	1.5466	0.2338	0.0071	4.3196	0.0593	0.1283
<b>8/20/2017</b>																
CAMP																
Jackson		0.1134	0.5225	0.1252	0.5684	0.2055	0.0003	0.5317	0.0096	0.0569	3.6842	0.8868	0.0049	6.6576	0.3463	0.2006
Platteville		0.0374	0.1911	0.0822	0.1583	-0.013	-1E-05	-0.063	0.0019	0.0154	0.0273	0.0081	0.0036	0.5672	0.0272	0.0453
Platteville		0.2593	0.8665	0.2436	0.6711	0.0474	0.0001	-0.012	0.142	0.0459	1.8381	0.354	0.0089	4.4958	0.1375	0.1743
<b>8/22/2017</b>																
CAMP																
Jackson		0.0841	0.4519	0.1161	0.4506	0.1269	5E-05	0.1931	0.0059	0.0162	0.9934	0.6382	0.0055	4.9207	0.0829	0.1096
Platteville		0.0812	0.7925	0.0964	0.2116	-0.021	-2E-05	0.6135	0.0804	0.0503	0.0178	0.0129	0.0042	0.7004	0.0215	0.0431
Platteville		0.1785	0.9897	0.2416	0.5988	0.0303	3E-05	0.1963	0.012	0.0285	0.2536	0.1643	0.0094	3.5027	0.1039	0.174
<b>8/24/2017</b>																
CAMP																
Jackson		0.0427	0.221	0.0768	0.5114	0.2354	4E-05	0.2588	0.0064	0.0083	0.8592	0.5509	0.0036	5.4133	0.1975	0.1066
Platteville		0.0429	0.2024	0.0995	0.2272	-0.014	-1E-05	-0.02	0.0019	0.0076	0.2934	0.0308	0.0056	0.9278	0.039	0.0694
Platteville		0.1323	0.799	0.2004	0.6117	0.0623	1E-04	0.1464	0.0059	0.0173	4.564	0.2919	0.0097	4.8979	0.1018	0.1724
<b>8/26/2017</b>																
CAMP																
Jackson		0.2122	0.5231	0.29	1.6487	0.4876	0.0005	0.8729	0.0305	0.0375	2.3976	2.074	0.0331	17.323	0.4389	0.3557
Platteville		0.0742	0.2362	0.0775	0.1892	-0.015	0.0006	0.1261	0.0083	0.0277	0.0564	0.0247	0.0059	0.6711	0.024	0.0495
Platteville		0.1967	0.4178	0.0211	0.0821	-0.011	2E-06	0.5331	0.0063	0.0083	0.099	0.0092	0.0009	0.2055	0.0145	0.0117
<b>8/29/2017</b>																
CAMP																
		0.1511	0.319	0.4349	1.5448	0.2445	0.0001	0.6315	0.019	0.0456	0.856	1.1193	0.0161	12.743	0.8868	0.4504

Total Elements (ng/m<sup>3</sup>)

As      Se      Rb      Sr      Mo      Rh      Pd      Ag      Cd      Sn      Sb      Cs      Ba      La      Ce

Jackson (8/29)

Platteville (8/29)

0.1851 0.8771 0.488 1.1094 0.0788 0.0001 0.1533 0.0132 0.0386 1.8895 0.628 0.0194 7.4268 0.2163 0.3576

**(blank)**

#####

Jackson

#####

Platteville

#####

Soluble Elements (ng/m<sup>3</sup>)

	Nd	Sm	Pt	Tl	Pb	Th	U
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**NOV 2, 4, 5, 6 2017**

CAMP

Jackson

Platteville

**NOV 27, 29, 30, 31 2017**

CAMP

Jackson

Platteville

**12/11/2016**

CAMP		0.0003	0	0.0175	0.0702	0.0007	0.0003
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Jackson		0.0001	0	0	0.0716	0	0
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Platteville

**12/13/2016**

CAMP		0.0003	0	0.0008	0.0606	0.0003	0.0001
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Jackson		0.0007	0	0.0136	0.0562	0.0006	0.0005
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Platteville		0.0006	0	0.0173	0.1547	0.0009	0.0006
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**12/15/2016**

CAMP		0.0002	0	0.0013	0.0379	0.0003	0
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Jackson

Platteville		0.0006	0	0.0087	0.083	0.001	0.0009
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**12/17/2016**

CAMP		9E-05	0	0.0039	0.3162	0.0006	0.0002
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Jackson		0.0001	0	0.0034	0.1903	0.0003	0.0004
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Platteville		1E-04	0	0.0078	0.3002	0.0005	0.0003
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**12/19/2016**

CAMP		0	0	0.0079	0.0612	0.0002	9E-06
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Jackson		2E-05	0	0.001	0.2793	0.0001	0.0002
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Platteville

**12/21/2016**

CAMP		0	0	0.0032	0.0153	0	0
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Jackson		0.0003	0	0.0034	0.0072	0.0006	1E-05
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Platteville		0	0	0.0003	0.0024	0	0
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**12/23/2016**

CAMP		0.0002	0	0.0033	0.0977	0.0006	5E-05
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Soluble Elements (ng/m^3)							
	Nd	Sm	Pt	Tl	Pb	Th	U
Jackson (12/23)		0.0002	0	0	0.1168	0.0002	0.0002
Platteville (12/23)		0	0	0.002	0.0756	0.0001	8E-05
<b>2/24/2017</b>							
CAMP		0	0	0	0.0209	0	9E-05
Jackson		0	0	0	0.0093	0	0
Platteville		6E-05	0	0	0.0162	0	0
<b>2/26/2017</b>							
CAMP		0	0	0	0.8441	0	0
Jackson		0	0	0	0.5234	0	0
Platteville		0	0	0	0.0958	0	7E-05
<b>2/28/2017</b>							
CAMP		0.0002	0	0	0.3559	0.0002	9E-05
Jackson		5E-05	0	0	0.1167	0.0005	0.0001
Platteville		0.0003	0	0.0007	0.1441	0.0004	0.0005
<b>3/2/2017</b>							
CAMP		2E-05	0	0	0.0015	0	0
Jackson		6E-05	0	0	0.0083	0	0
Platteville		0	0	0	0.0083	0	0
<b>3/7/2017</b>							
CAMP		0	0	0	0.0071	0	0
Jackson		0.0003	0	0.0002	0.0653	0.0011	0.0003
Platteville		0.0003	0	0	0.031	0.0007	0.0005
<b>7/31/2017</b>							
CAMP							
Jackson	0.0012	0.0005	3E-05	-1E-05	0.0563	0.0009	0.0182
Platteville	-1.198	0.0007	0	0.0059	0.0589	0.0029	0.0015
<b>8/2/2017</b>							
CAMP	0.0027	0	0	-0.002	0.1659	0.0007	0.021
Jackson	0.0026	0.0004	-9E-06	-0.036	0.1192	0.0017	-0.017
Platteville	0.0073	0.0016	0	-0.008	0.087	0.0044	-0.072
<b>8/4/2017</b>							
CAMP	0.0047	0.0009	0	-0.001	0.3269	0.002	0.007
Jackson	0.0026	0.0001	-1E-05	-0.041	0.0701	0.0009	0.0352
Platteville	0.0047	0.0008	0	-0.006	0.172	0.0021	-0.125

Soluble Elements (ng/m<sup>3</sup>)

	Nd	Sm	Pt	Tl	Pb	Th	U
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**8/6/2017**

CAMP	0.0034	7E-05	0	-0.004	0.284	0.0011	0.0128
Jackson	0.0008	-4E-05	-1E-05	-0.044	0.0692	-1E-04	-0.022
Platteville	4E-05	0	0	-0.011	0.0049	0	-0.126

**8/8/2017**

CAMP	0.0026	0	0	-0.005	0.4966	0.0004	0.0146
Jackson	0.0009	-4E-05	-1E-05	-0.045	0.0717	-4E-04	-0.026
Platteville	0.0012	0.0001	0	-0.01	0.1576	0.0003	-0.045

**8/10/2017**

CAMP	0.0058	0.0007	0	-0.005	0.1865	0.0017	0.025
Jackson	0.001	-9E-06	-0.032	-0.008	0.0549	0.0003	0.0005
Platteville	0.0004	0	0	-0.027	0.0384	0	-0.272

**8/12/2017**

CAMP	0.002	0.0001	0	-0.007	0.2469	0.0004	0.0102
Jackson	0.0008	0.0002	-9E-06	-0.042	0.0796	-1E-04	-0.015
Platteville	0.0018	0.0002	0	-0.01	0.1505	0.0006	-0.086

**8/14/2017**

CAMP	0.0008	9E-05	0	-0.006	0.1138	0.0001	0.0033
Jackson	0.002	0.0001	-1E-05	-0.043	0.1232	0.0007	0.0249
Platteville	-1.194	0.0003	0	0.0061	0.0391	0.001	0.0005

**8/16/2017**

CAMP	0.0018	0.0001	0	0.0006	0.0882	3E-06	0.0087
Jackson	0.0006	-4E-05	-1E-05	-0.045	0.0857	-3E-04	-0.031
Platteville	0.0016	0	0	-0.008	0.0443	0.0006	-0.115

**8/18/2017**

CAMP							
Jackson	0.0017	0.0003	-1E-05	-0.045	0.0421	0.0005	0.0038
Platteville	0.0043	0.0004	0	-0.009	0.0464	0.0017	-0.122

**8/20/2017**

CAMP	0.0017	0	0	-0.001	0.11	0.0002	0.011
Jackson	0.0052	0.0008	-1E-05	-0.046	0.0692	0.003	-0.029
Platteville	0.0037	0.0007	0	-0.009	0.0658	0.0024	-0.121

**8/22/2017**

CAMP	0.0054	0.0004	0	-0.003	0.2679	0.001	0.0169
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Soluble Elements (ng/m<sup>3</sup>)

	Nd	Sm	Pt	Tl	Pb	Th	U
Jackson (8/22)	0.0042	0.0013	-1E-05	-0.046	0.1116	0.002	-0.03
Platteville (8/22)	0.0081	0.0014	0	-0.009	0.1449	0.0036	-0.128
<b>8/24/2017</b>							
CAMP	0.0028	0	0.0003	0.0016	0.056	0.0005	0.0045
Jackson	0.0042	0.0005	-1E-05	-0.048	0.0457	0.0019	0.0042
Platteville	0.0025	0.0003	0	-0.01	0.0762	0.0013	-0.126
<b>8/26/2017</b>							
CAMP	0.0027	0.0011	0	-0.005	0.1284	0.0005	0.0052
Jackson	0.0021	0.0004	-9E-06	-0.047	0.0167	0.0005	-0.028
Platteville	0.0055	0.0013	0	-0.01	0.0602	0.0028	-0.125
<b>8/29/2017</b>							
CAMP	0.0065	0.001	0	-0.003	0.0795	0.0019	0.0066
Jackson	0.0048	0.001	-9E-06	-0.046	0.0516	0.0021	-0.014
Platteville	0.0101	0.0028	0	-0.009	0.1099	0.0052	-0.131
<b>(blank)</b>							
CAMP	#####	#####	#####	#####	#####	#####	#####
Jackson							
Platteville	#####	#####	#####	#####	#####	#####	#####

Total Elements (ng/m<sup>3</sup>)

	Nd	Sm	Pt	Tl	Pb	Th	U
CAMP	0.0362	0.0058	0.0012	-0.003	0.5781	0.0113	0.0045
Jackson	0.0085	0.0014	1E-05	-0.003	0.1801	0.0029	0.0016
Platteville	0.0239	0.0041	0.0002	-0.003	0.3221	0.0094	0.0077
<b>NOV 27, 29, 30, 31 2017</b>							
CAMP	0.0298	0.0052	0.0006	-0.003	0.3057	0.01	0.0033
Jackson	0.0365	0.0072	6E-05	-0.003	0.1805	0.0127	0.0066
Platteville	0.0908	0.0162	0.0004	-0.001	0.4754	0.0332	0.0133
<b>12/11/2016</b>							
CAMP		0.0019	0.0015	0.0079	0.2734	0.004	0.0026
Jackson		0.0001	0	0.0205	0.093	0.0027	0.0002
Platteville		4E-05	0	0.0183	0.1879	0.0024	0.0002



Total Elements (ng/m<sup>3</sup>)

	Nd	Sm	Pt	Tl	Pb	Th	U
<b>12/13/2016</b>							
CAMP		0.0091	0.0009	0.0085	1.266	0.0182	0.0074
Jackson		0.0051	0	0.069	0.7278	0.0051	0.0021
Platteville		0.0014	0	0.0092	0.4738	0.0031	0.0015
<b>12/15/2016</b>							
CAMP		0.0229	0.003	0.0056	1.2681	0.0407	0.0142
Jackson		0.0118	0	0.0064	0.5117	0.0221	0.0066
Platteville		0.0066	0	0.005	0.5139	0.012	0.0064
<b>12/17/2016</b>							
CAMP		0.0061	0.0025	0.0044	1.1321	0.0106	0.0039
Jackson		0.0001	0	0.0023	1.0117	0.0032	0.0036
Platteville		0.0009	0	0.0029	0.5873	0.0009	0.0008
<b>12/19/2016</b>							
CAMP		0.0028	0.0075	0	0.8858	0.0084	0.0034
Jackson		0.0015	0	0	0.6443	0.0022	0.0009
Platteville							
<b>12/21/2016</b>							
CAMP		0.006	0.001	0	0.6037	0.0108	0.0048
Jackson		0.0058	0	0	0.3007	0.0103	0.005
Platteville		0.0035	7E-05	0	0.4929	0.0068	0.0032
<b>12/23/2016</b>							
CAMP		0.0177	0.002	0	1.5901	0.0341	0.0113
Jackson		0.002	0.0033	0	0.2625	0.0025	0.001
Platteville		0.0036	0.0005	0.0008	1.2765	0.0088	0.0031
<b>2/24/2017</b>							
CAMP		0.0016	0	0	0.158	0.0027	0.0018
Jackson		0.0001	0	0	0	0.0001	4E-06
Platteville		0.0018	0	0	0.0639	0.0026	0.0011
<b>2/26/2017</b>							
CAMP		0.0031	0	0	2.3988	0.0039	0.0018
Jackson		0.0007	0	0	0.9766	0.0005	0.0002
Platteville		0.001	0	0	0.3415	0.0023	0.0011
<b>2/28/2017</b>							
CAMP		0.0069	0.001	0.0006	2.8825	0.0174	0.0059

Total Elements (ng/m <sup>3</sup> )							
	Nd	Sm	Pt	Tl	Pb	Th	U
Jackson (2/28)		0.0034	0	0	0.3195	0.0327	0.0043
Platteville (2/28)		0.0027	0	0	0.601	0.0058	0.0033
<b>3/2/2017</b>							
CAMP		0.0036	0	0	0.4047	0.0064	0.0026
Jackson		0	0	0	0.0191	0.0005	0.0002
Platteville		0.0004	0	0	0.0233	0.0004	0.0003
<b>3/7/2017</b>							
CAMP		0.0113	0.0012	0	1.1844	0.0186	0.0107
Jackson		0.0042	0	0	0.511	0.0092	0.0047
Platteville		0.0125	0	0	0.6489	0.0271	0.0089
<b>7/31/2017</b>							
CAMP	0.0333	0.0053	0.0006	-0.006	0.4424	0.0089	0.0005
Jackson	0.0057	0.0008	-1E-04	-0.011	-0.033	0.0014	0.0028
Platteville	0.0321	0.0069	0.0011	-0.007	0.2008	0.0119	0.0126
<b>8/2/2017</b>							
CAMP	0.1224	0.0208	0.0009	-0.007	0.8472	0.0396	0.0163
Jackson	0.018	0.0031	0.0004	-0.012	0.2424	0.0056	0.0051
Platteville	0.0269	0.0041	1E-04	-0.008	0.1365	0.0082	0.0085
<b>8/4/2017</b>							
CAMP	0.059	0.0105	0.0013	-0.008	0.8494	0.018	0.0022
Jackson	0.0139	0.0018	7E-05	-0.014	0.1244	0.0038	0.0081
Platteville							
<b>8/6/2017</b>							
CAMP	0.0245	0.0035	0.0015	-0.009	0.7641	0.0068	0.0047
Jackson	0.0046	0.0007	-1E-04	-0.014	0.0678	0.0011	0.0008
Platteville	0.0116	0.0017	4E-05	-0.012	0.4169	0.0035	0.0087
<b>8/8/2017</b>							
CAMP	0.0232	0.0035	0.0011	-0.01	0.4821	0.0059	0.0067
Jackson	0.0036	0.0002	-4E-06	-0.015	0.0821	0.0003	-1E-04
Platteville	0.0072	0.0011	0.0003	-0.009	0.2799	0.0017	0.0073
<b>8/10/2017</b>							
CAMP	0.0316	0.0046	0.0013	-0.011	0.4715	0.0085	0.0155
Jackson							
Platteville	0.0077	0.0005	0.0008	-0.022	0.0715	0.0012	0.0127

Total Elements (ng/m <sup>3</sup> )							
	Nd	Sm	Pt	Tl	Pb	Th	U
<b>8/12/2017</b>							
CAMP							
Jackson	0.0072	0.001	-6E-05	-0.015	0.1471	0.0021	0.0007
Platteville	0.0102	0.0011	7E-05	-0.009	0.2876	0.0032	0.0074
<b>8/14/2017</b>							
CAMP	0.0391	0.0042	0.001	-0.011	0.8104	0.0112	0.0115
Jackson	0.0137	0.0016	-1E-04	-0.014	0.2302	0.0054	0.0019
Platteville	0.0309	0.0062	0.0006	-0.009	0.4731	0.0112	0.0122
<b>8/16/2017</b>							
CAMP	0.0274	0.0024	0.0008	0.0048	0.4419	0.0083	0.0039
Jackson	0.0052	0.0011	2E-05	-8E-04	0.1069	0.0019	0.0012
Platteville							
<b>8/18/2017</b>							
CAMP							
Jackson	0.0286	0.0045	-2E-05	-0.011	0.1202	0.0095	0.0081
Platteville	0.0445	0.0105	0.0003	0.0072	0.4105	0.0173	0.0171
<b>8/20/2017</b>							
CAMP	0.0443	0.0056	0.0009	-0.004	0.5166	0.0106	0.002
Jackson	0.0173	0.0033	-1E-06	-0.01	0.9187	0.007	0.0015
Platteville	0.0672	0.0113	0.0002	-0.004	0.4944	0.0262	0.0077
<b>8/22/2017</b>							
CAMP	0.0336	0.0061	0.0002	-0.009	0.4891	0.0108	0.0012
Jackson	0.0136	0.0031	0.0169	-0.017	0.3412	0.0021	0.0007
Platteville	0.0687	0.0121	6E-05	-0.008	0.487	0.0276	0.0141
<b>8/24/2017</b>							
CAMP	0.0251	0.004	0.0004	-0.009	0.2586	0.0082	0.0024
Jackson	0.0287	0.0052	-1E-04	-0.013	0.0842	0.0103	0.0038
Platteville	0.0614	0.011	0.0007	-0.009	0.3455	0.0236	0.0916
<b>8/26/2017</b>							
CAMP	0.0901	0.0151	0.0013	-0.008	1.2908	0.0312	0.0148
Jackson	0.0206	0.0035	0.0012	-0.012	0.1497	0.0071	0.0076
Platteville	0.0043	0.0006	-2E-05	-0.007	0.0649	0.0012	0.0096
<b>8/29/2017</b>							
CAMP	0.1203	0.0221	0.0007	-0.011	0.7861	0.0395	0.0156

	Total Elements (ng/m^3)						
	Nd	Sm	Pt	Tl	Pb	Th	U
Jackson (8/29)							
Platteville (8/29)	0.1384	0.0252	0.0004	-0.01	0.5675	0.0566	0.0206
<b>(blank)</b>							
CAMP	#####	#####	#####	#####	#####	#####	#####
Jackson	#####	#####	#####	#####	#####	#####	#####
Platteville	#####	#####	#####	#####	0.7928	#####	#####

# Majestic group Feb2018 Advanced Light Source10.3.2 run notes

Fe K-edge at 7110.75 eV, glitch is at: **7263.97** eV

Canberra detector w/Be window

DT=0.14 (5 active fluo channels)

# Sample List

plate1  
plate2  
plate3

06/15/17

Summer	8/8/2017	8/22/2017
NOV 2, 4, 5, 6 2017	2017_PRAPPE_SUMMER ACT_34 Jackson	2017_PRAPPE_SUMMER ACT_14 Jackson
2017_PRAPPE_SUMMER ACT_65 CAMP 2	2017_PRAPPE_SUMMER ACT_57 Platteville	2017_PRAPPE_SUMMER ACT_25 CAMP
2017_PRAPPE_SUMMER ACT_66 Platteville 1	2017_PRAPPE_SUMMER ACT_59 CAMP	2017_PRAPPE_SUMMER ACT_53 Platteville
2017_PRAPPE_SUMMER ACT_73 Jackson 3	8/10/2017	8/24/2017
NOV 27, 29, 30, 31 2017	2017_PRAPPE_SUMMER ACT_13 Jackson	2017_PRAPPE_SUMMER ACT_26 Jackson
2017_PRAPPE_SUMMER ACT_61 CAMP	2017_PRAPPE_SUMMER ACT_21 CAMP	2017_PRAPPE_SUMMER ACT_40 Platteville
2017_PRAPPE_SUMMER ACT_71 Jackson	2017_PRAPPE_SUMMER ACT_29 Platteville	2017_PRAPPE_SUMMER ACT_52 CAMP
2017_PRAPPE_SUMMER ACT_78 Platteville	8/12/2017	8/26/2017
7/31/2017	2017_PRAPPE_SUMMER ACT_17 CAMP 10	2017_PRAPPE_SUMMER ACT_47 CAMP
2017_PRAPPE_SUMMER ACT_23 Platteville 3	2017_PRAPPE_SUMMER ACT_28 Platteville 11	2017_PRAPPE_SUMMER ACT_48 Platteville
2017_PRAPPE_SUMMER ACT_24 CAMP 2	2017_PRAPPE_SUMMER ACT_35 Jackson 12	2017_PRAPPE_SUMMER ACT_54 Jackson
2017_PRAPPE_SUMMER ACT_49 Jackson 1	8/14/2017	8/29/2017
8/2/2017	2017_PRAPPE_SUMMER ACT_33 Jackson 2	2017_PRAPPE_SUMMER ACT_41 Jackson
2017_PRAPPE_SUMMER ACT_39 Platteville 8	2017_PRAPPE_SUMMER ACT_55 Platteville 1	2017_PRAPPE_SUMMER ACT_43 CAMP 7
2017_PRAPPE_SUMMER ACT_45 CAMP 9	2017_PRAPPE_SUMMER ACT_58 CAMP 3	2017_PRAPPE_SUMMER ACT_56 Platteville 8
2017_PRAPPE_SUMMER ACT_50 Jackson 7	8/16/2017	(blank)
8/4/2017	2017_PRAPPE_SUMMER ACT_31 Jackson	2017_PRAPPE_SUMMER ACT_11 Jackson
2017_PRAPPE_SUMMER ACT_16 Platteville	Platteville	2017_PRAPPE_SUMMER ACT_12 Platteville
2017_PRAPPE_SUMMER ACT_18 CAMP	2017_PRAPPE_SUMMER ACT_51 CAMP	2017_PRAPPE_SUMMER ACT_20 CAMP
2017_PRAPPE_SUMMER ACT_32 Jackson	8/18/2017	2017_PRAPPE_SUMMER ACT_38 CAMP
8/6/2017	2017_PRAPPE_SUMMER ACT_36 Jackson	
2017_PRAPPE_SUMMER ACT_22 Jackson	2017_PRAPPE_SUMMER ACT_46 Platteville	
2017_PRAPPE_SUMMER ACT_42 CAMP	8/20/2017	
2017_PRAPPE_SUMMER ACT_44 Platteville	2017_PRAPPE_SUMMER ACT_15 Jackson 9	
	2017_PRAPPE_SUMMER ACT_30 Platteville 8	
	2017_PRAPPE_SUMMER ACT_37 CAMP 7	

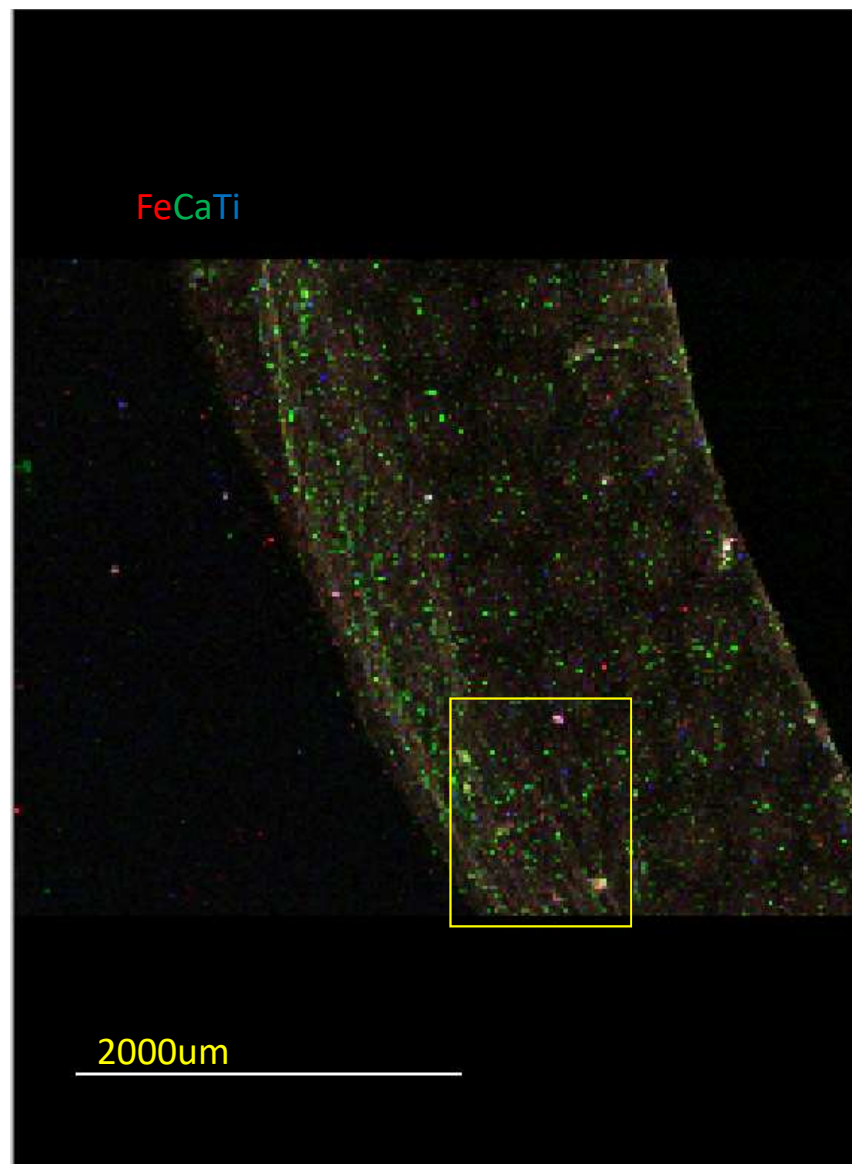
3  
2  
1

Winter	12/23/2016 0:00
12/11/2016 0:00	PRAPPE_09_ACT CAMP 11
PRAPPE_03_ACT CAMP	PRAPPE_19_ACT_BLACI Jackson 12
PRAPPE_11_ACT Jackson	PRAPPE_28_ACT Platteville 10
PRAPPE_22_ACT Platteville	2/24/2017 0:00
12/13/2016 0:00	ND_17 CAMP
PRAPPE_04_ACT CAMP	ND_20 Jackson
PRAPPE_14_ACT Jackson	PRAPPE_36_ACT Platteville
PRAPPE_23_ACT Platteville	2/26/2017 0:00
12/15/2016 0:00	ND_14 Jackson
PRAPPE_05_ACT 10 CAMP	PRAPPE_35_ACT Platteville
PRAPPE_15_ACT 11 Jackson	PRAPPE_39_ACT CAMP
PRAPPE_24_ACT 12 Platteville	2/28/2017 0:00
12/17/2016 0:00	ND_19 Jackson
PRAPPE_06_ACT CAMP 4	PRAPPE_34_ACT CAMP
PRAPPE_16_ACT Jackson 5	PRAPPE_40_ACT Platteville
PRAPPE_25_ACT 6 Platteville	3/2/2017 0:00
12/19/2016 0:00	ND_09 Jackson
PRAPPE_07_ACT CAMP	PRAPPE_31_ACT CAMP
PRAPPE_20_ACT Jackson	PRAPPE_43_ACT Platteville
12/21/2016 0:00	3/7/2017 0:00
PRAPPE_08_ACT 4 CAMP	ND_11 Jackson 5
PRAPPE_18_ACT 5 Jackson	PRAPPE_37_ACT Platteville 6
PRAPPE_27_ACT 6 Platteville	PRAPPE_41_ACT CAMP 4

Plate1



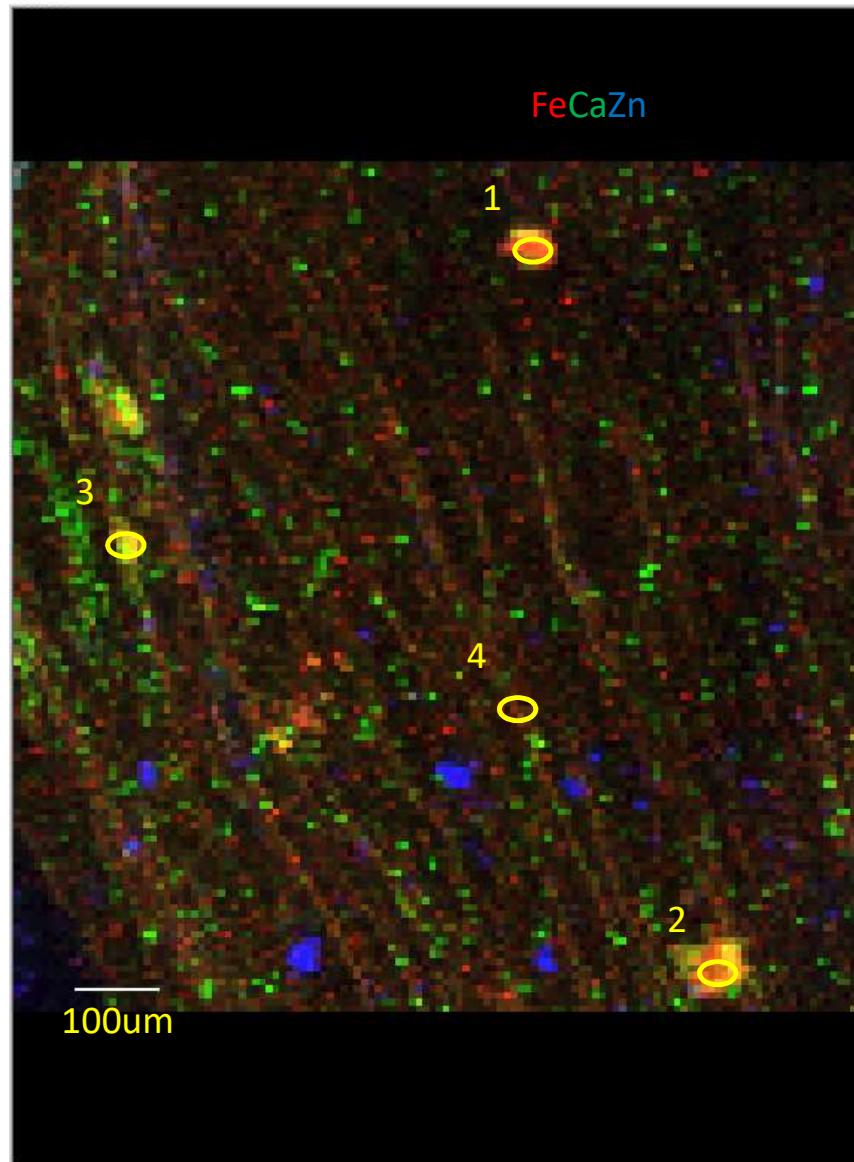
Sample1



yellow box indicates  
approximate location of fine  
particle map

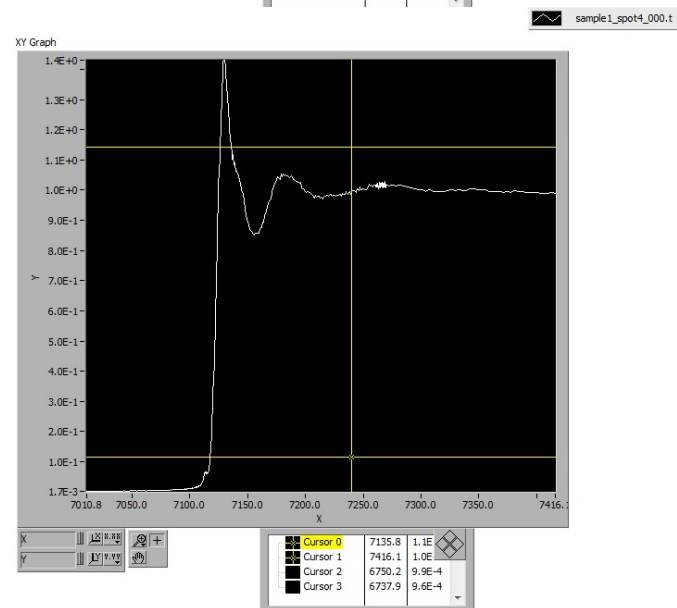
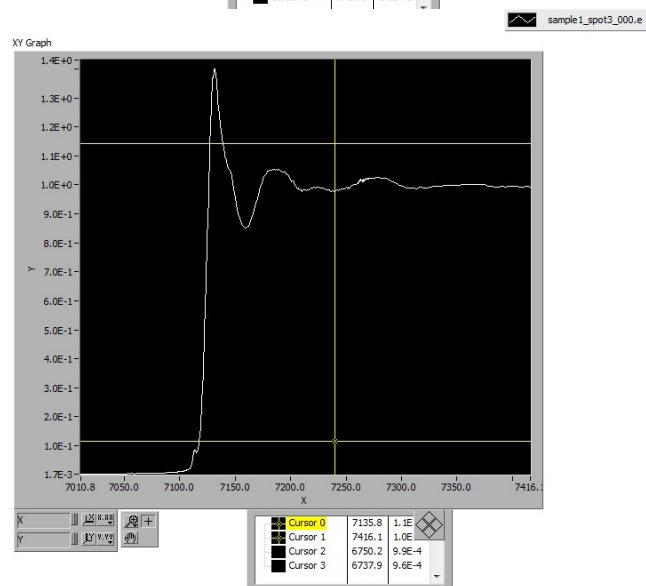
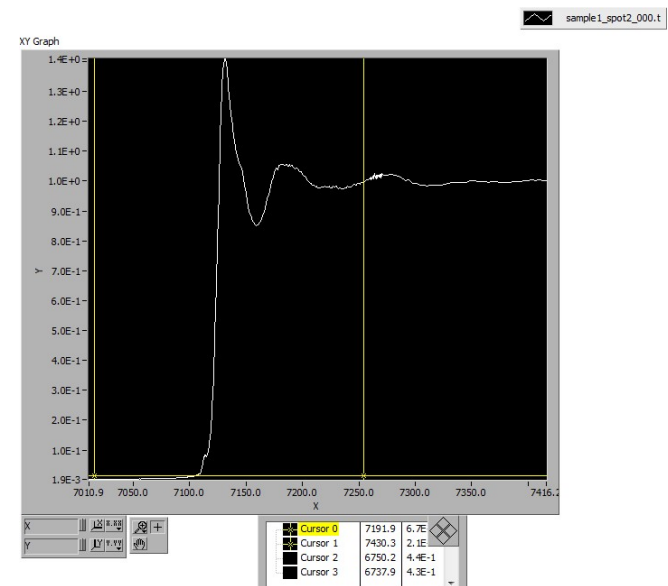
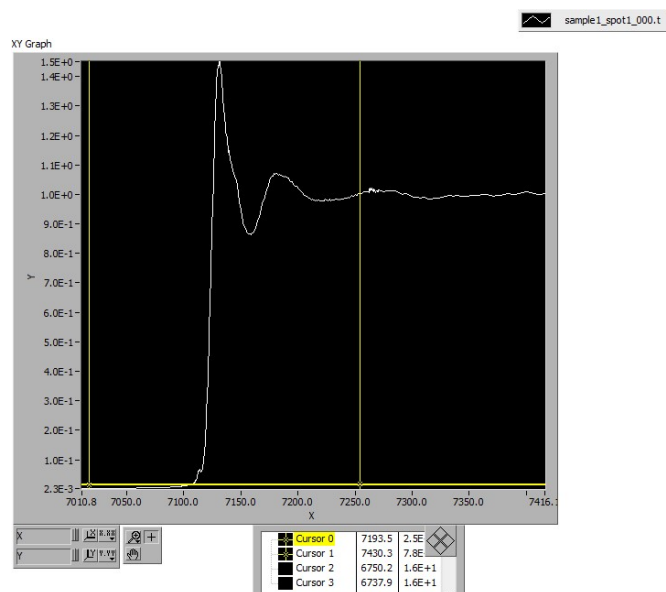


Sample1\_Fine

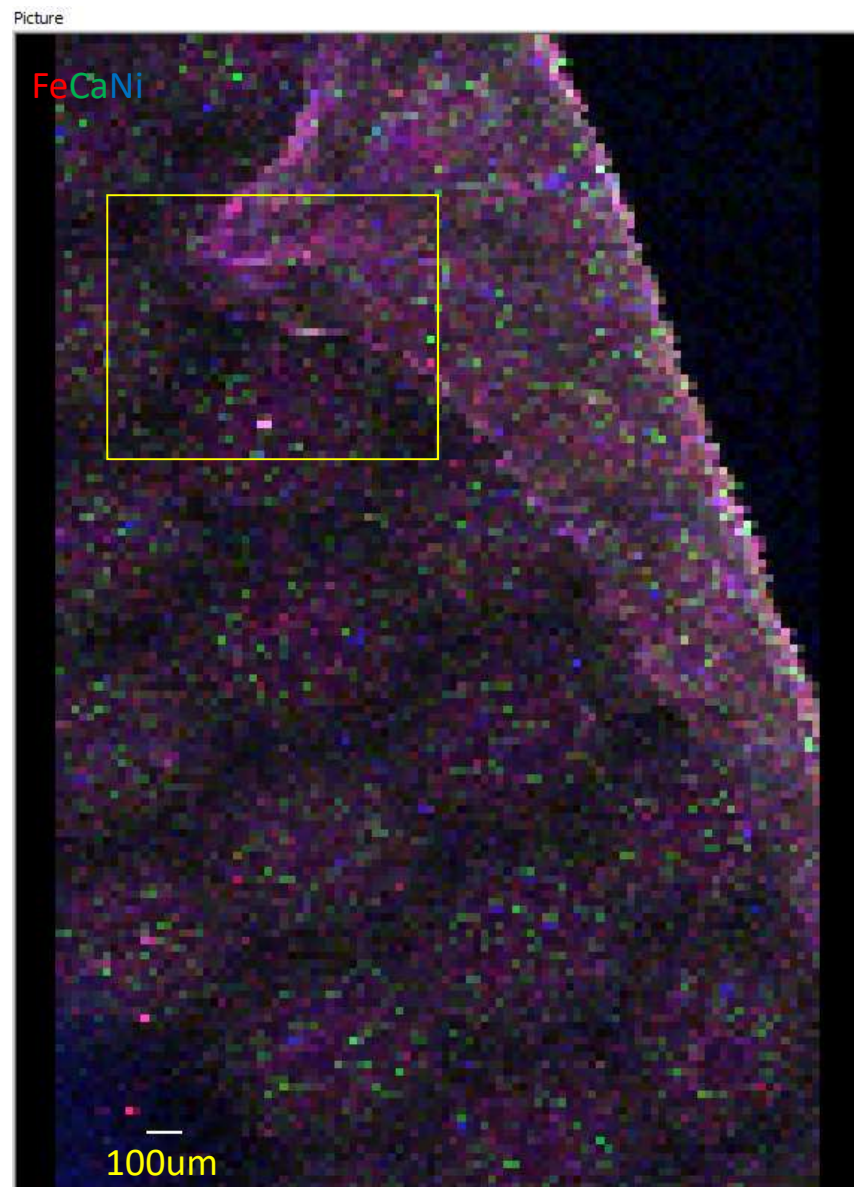


yellow circles indicate location of Fexanes

# Sample1\_XANES

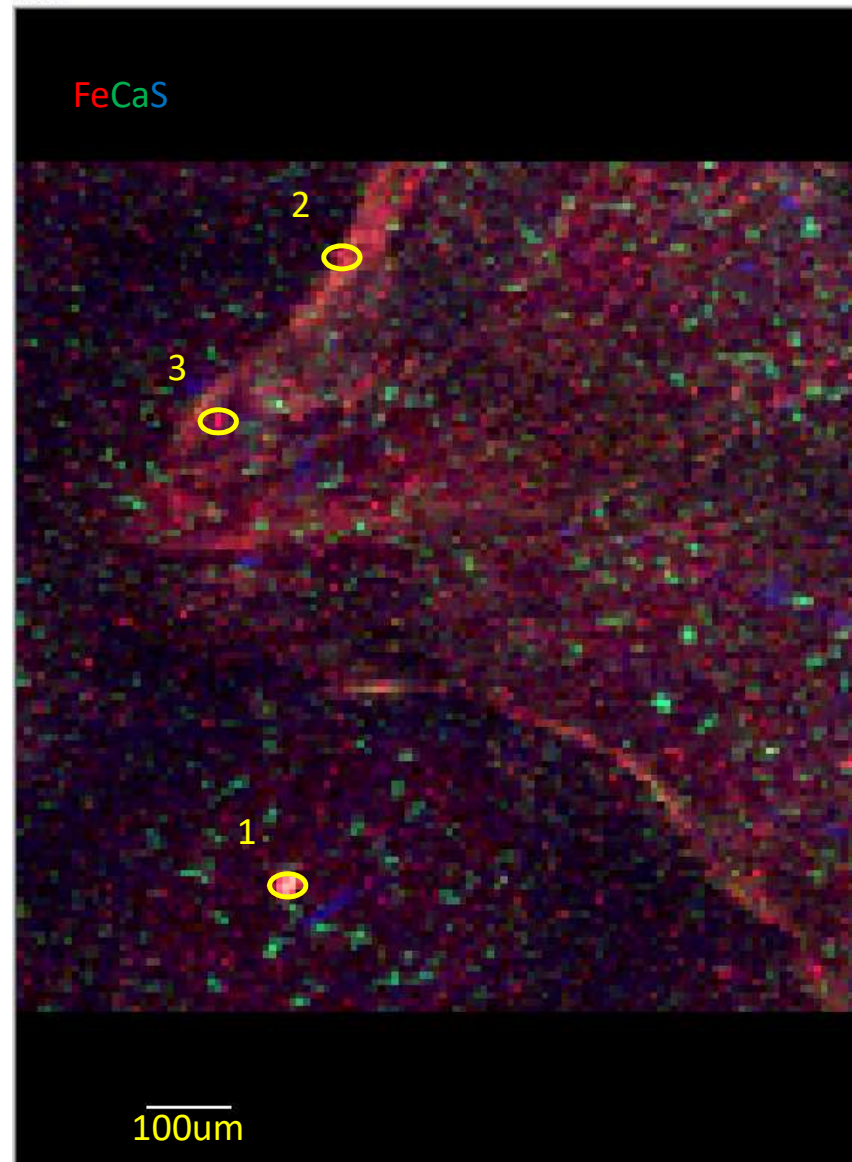


Sample2\_Coarse



yellow box indicates  
approximate location of fine  
particle map

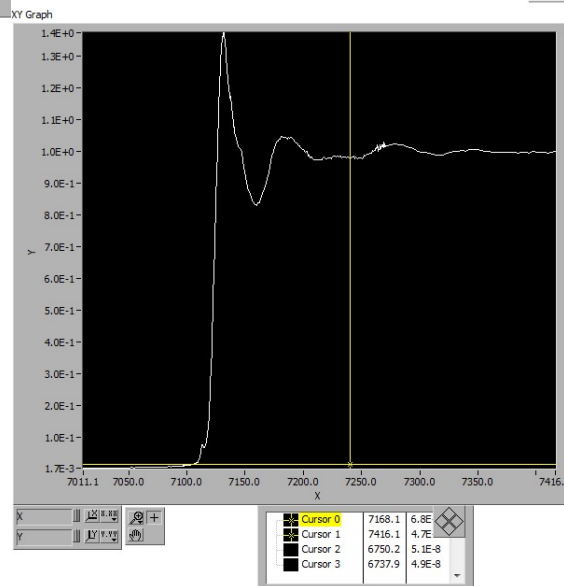
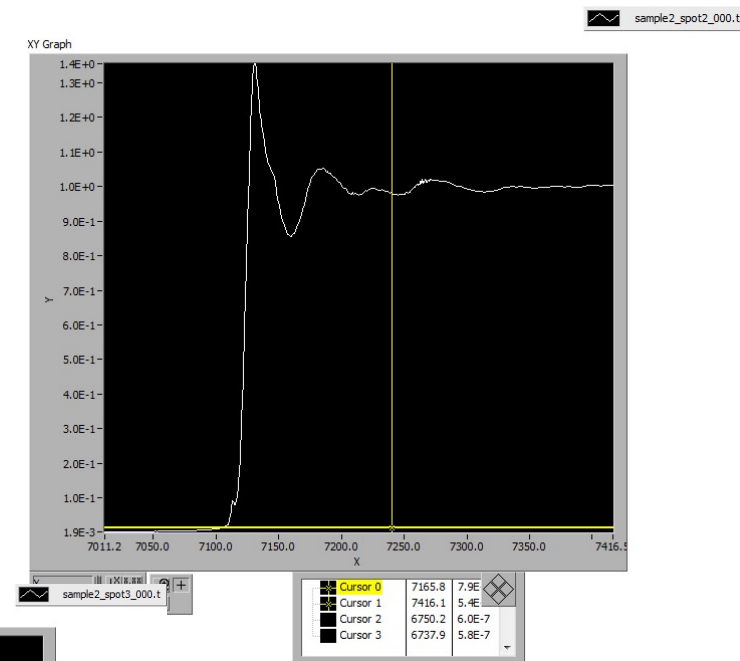
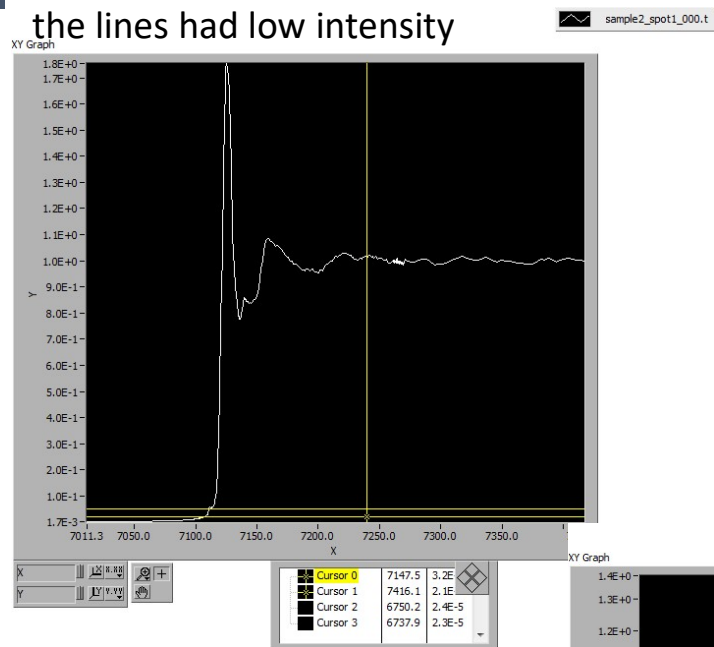
Picture



yellow circles indicate location of Fexanes

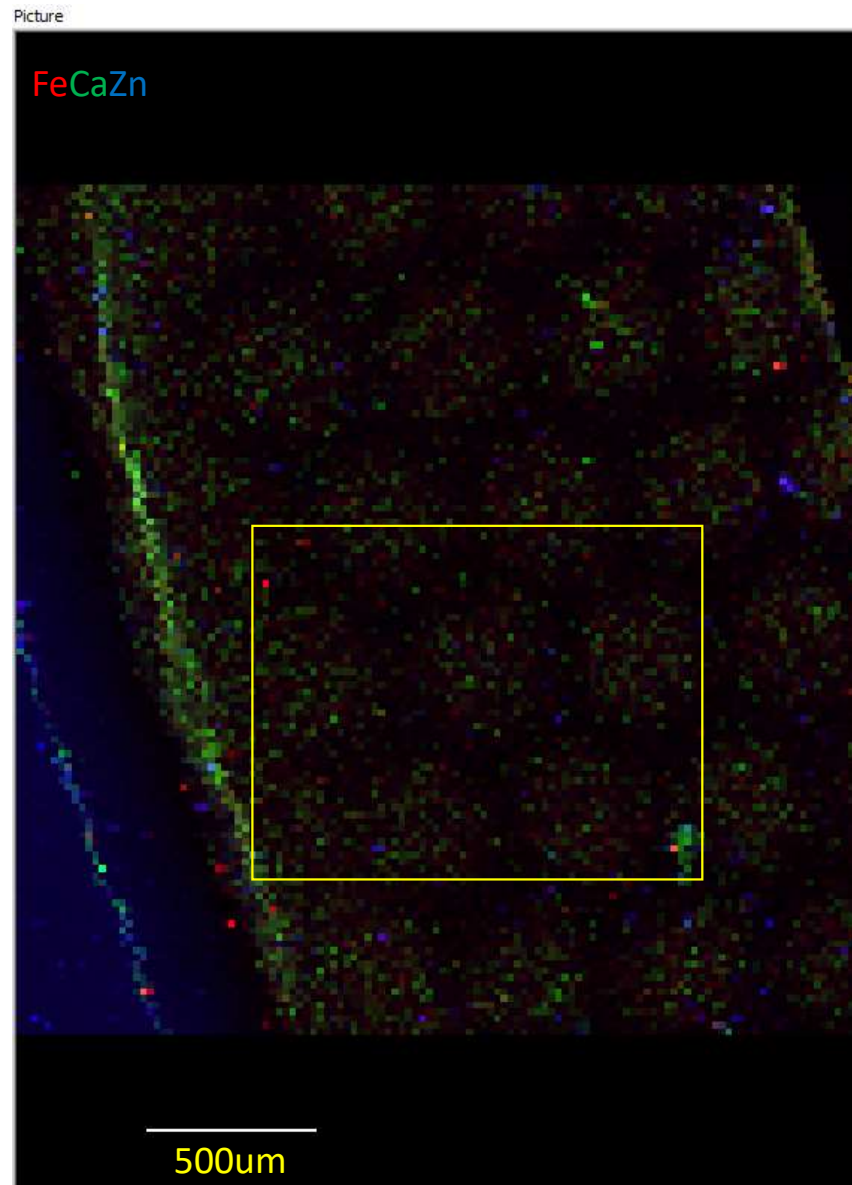
# Sample2\_XANES

\*\*\* Have Sirine look at B/ some of the lines had low intensity

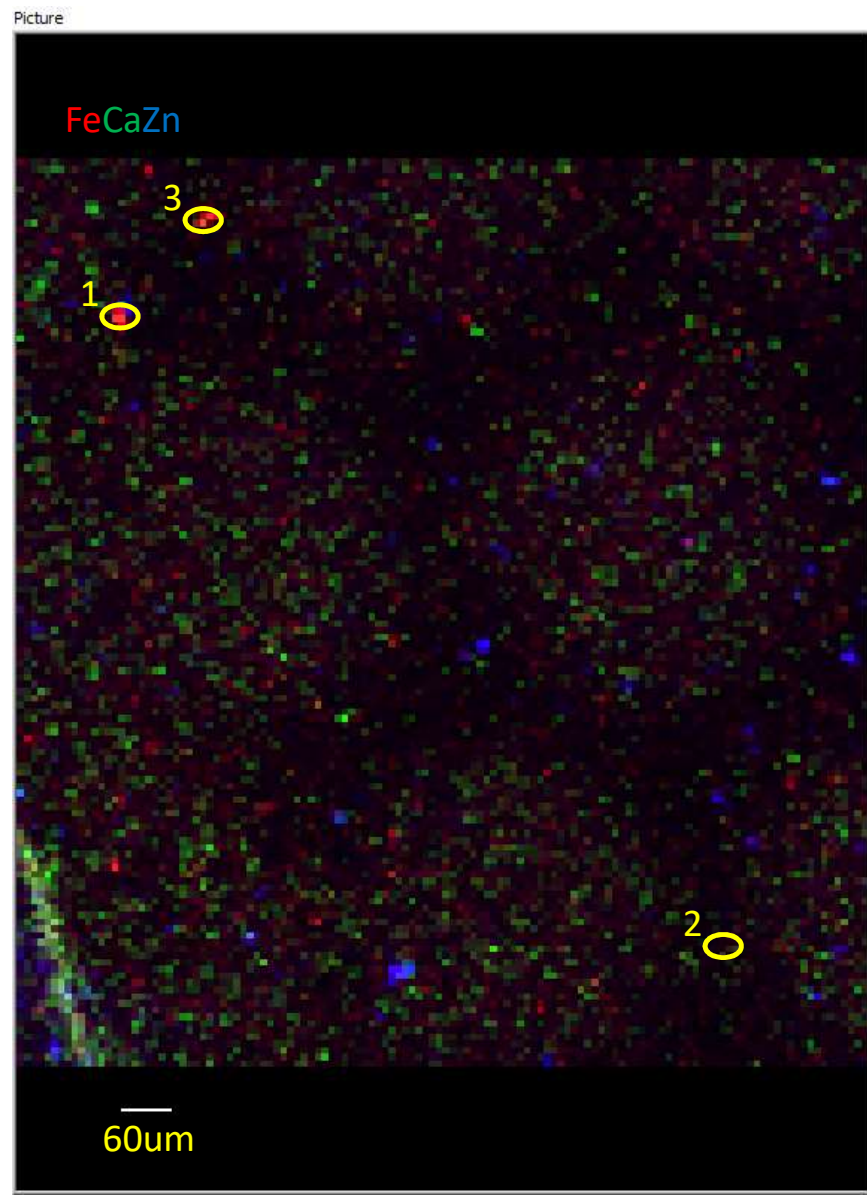




Sample3\_Coarse

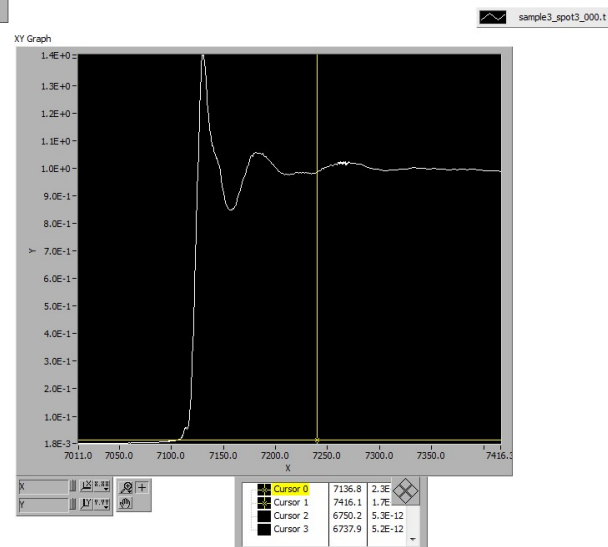
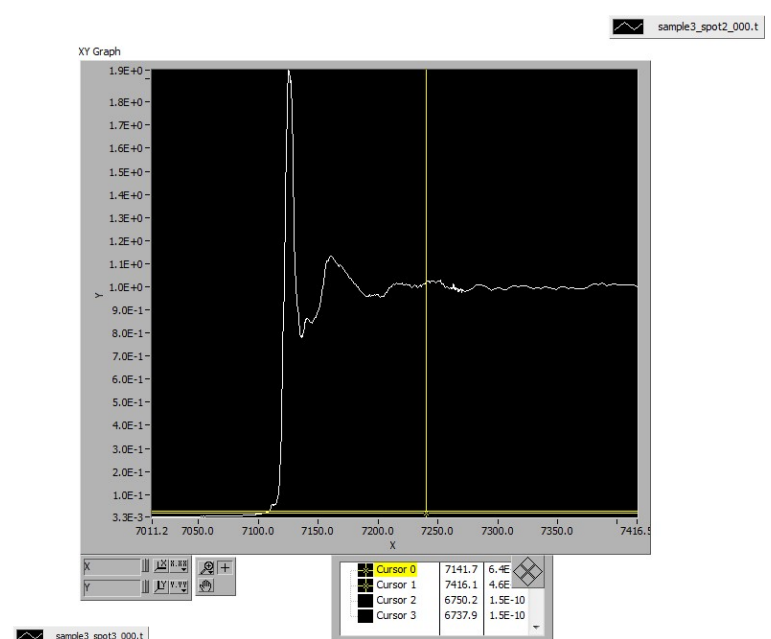
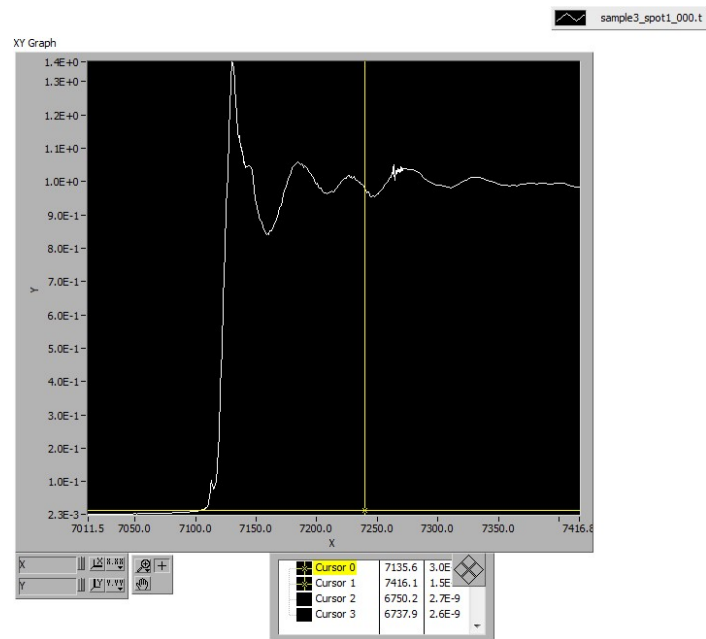


yellow box indicates  
approximate location of fine  
particle map



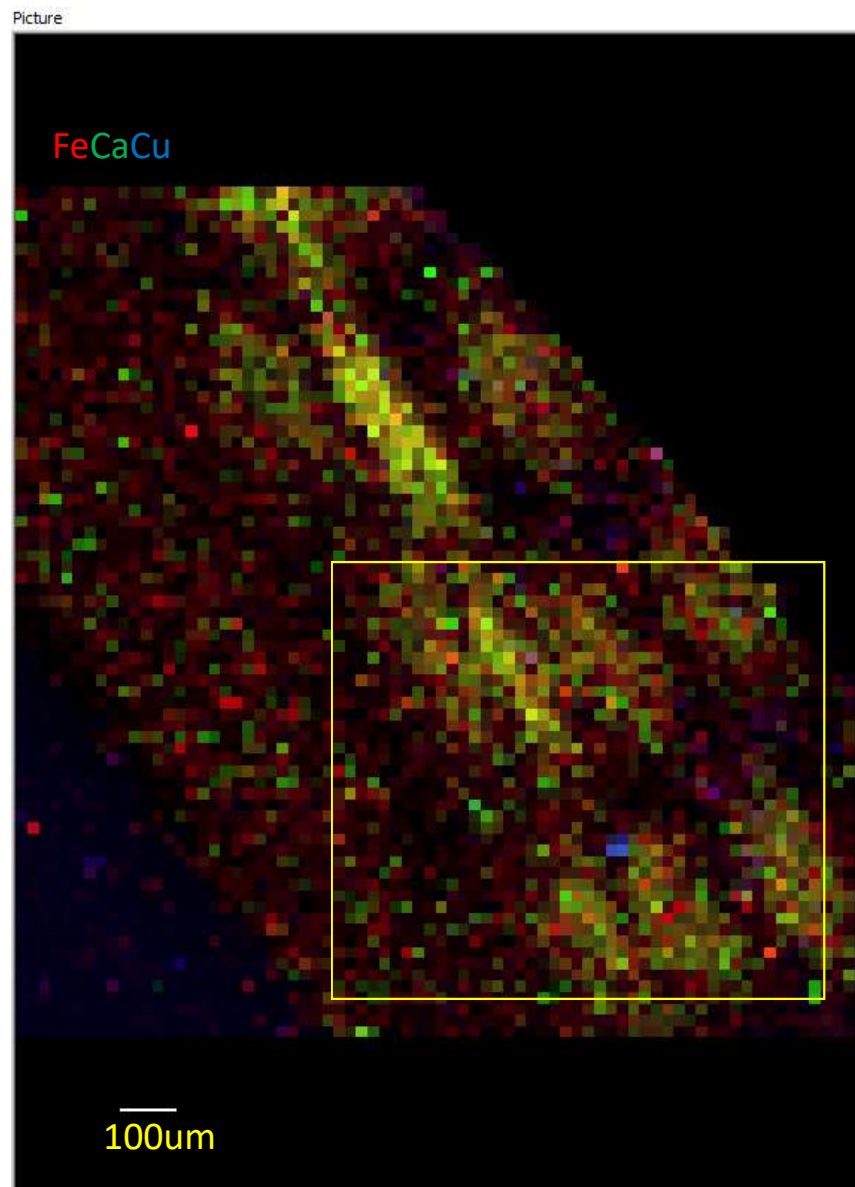
yellow circles indicate location of Fexanes

# Sample3\_XANES



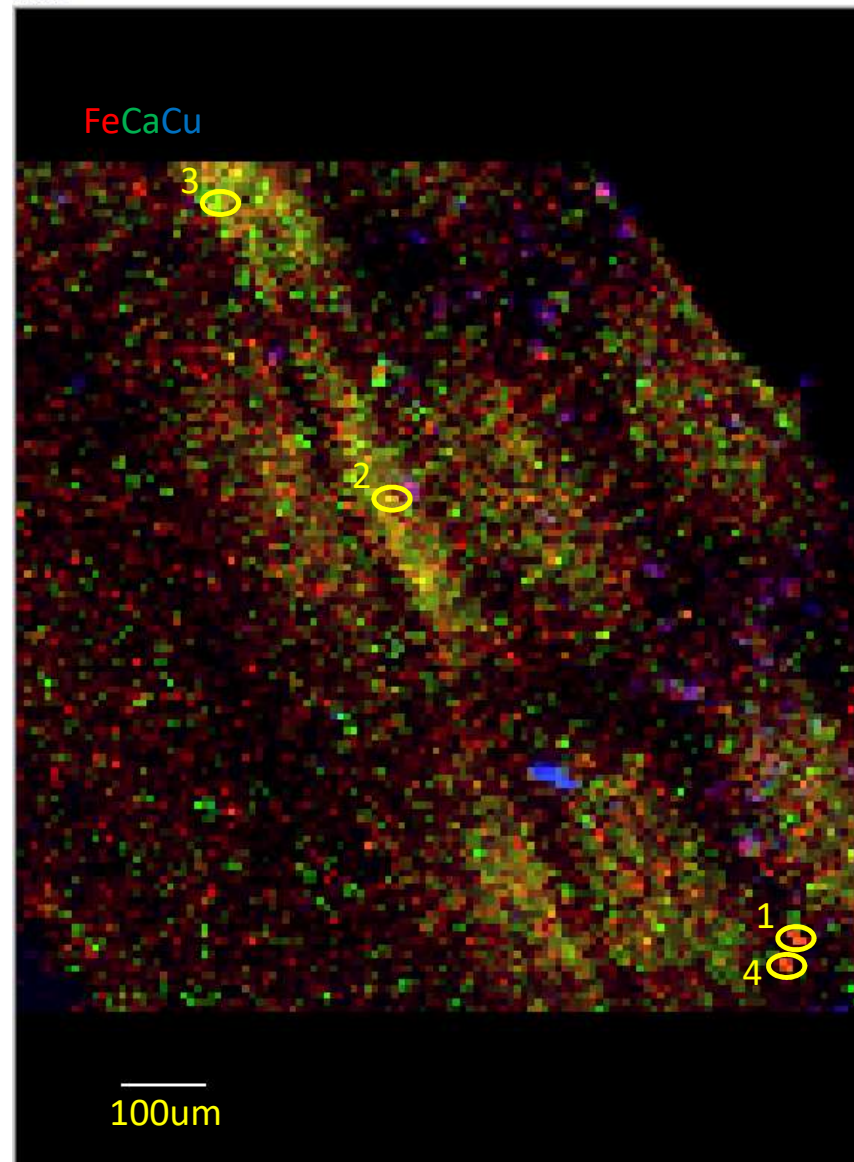


Sample4\_Coarse



yellow box indicates  
approximate location of fine  
particle map

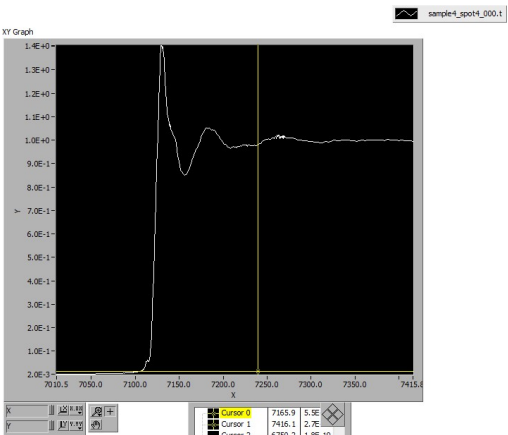
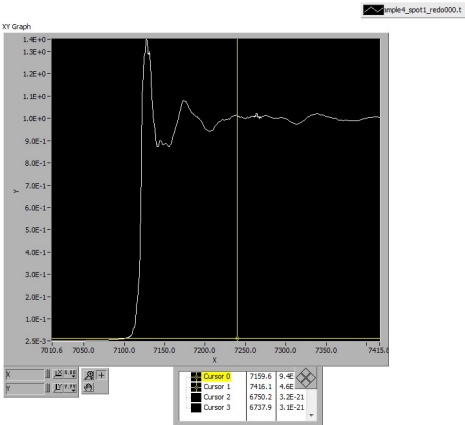
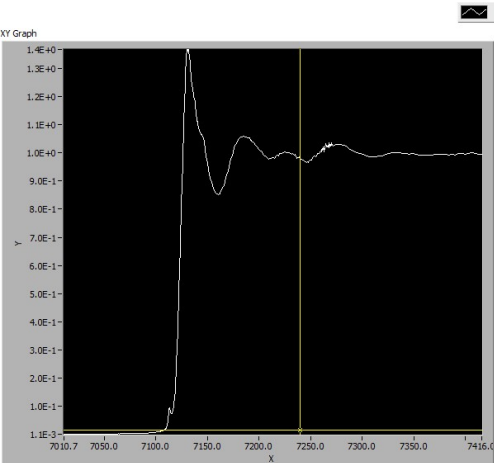
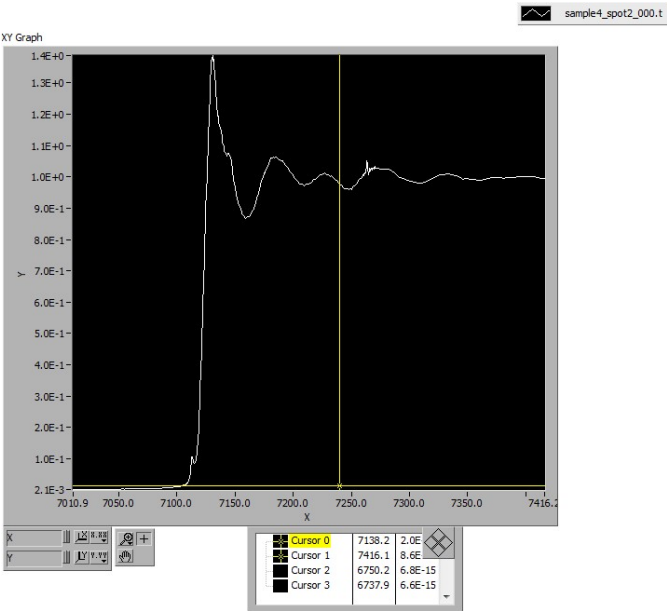
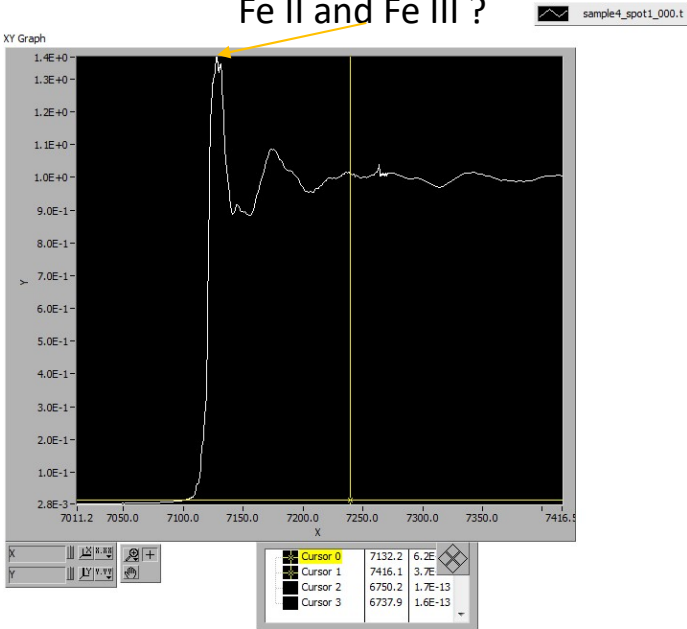
Picture



yellow circles indicate location of Fexanes

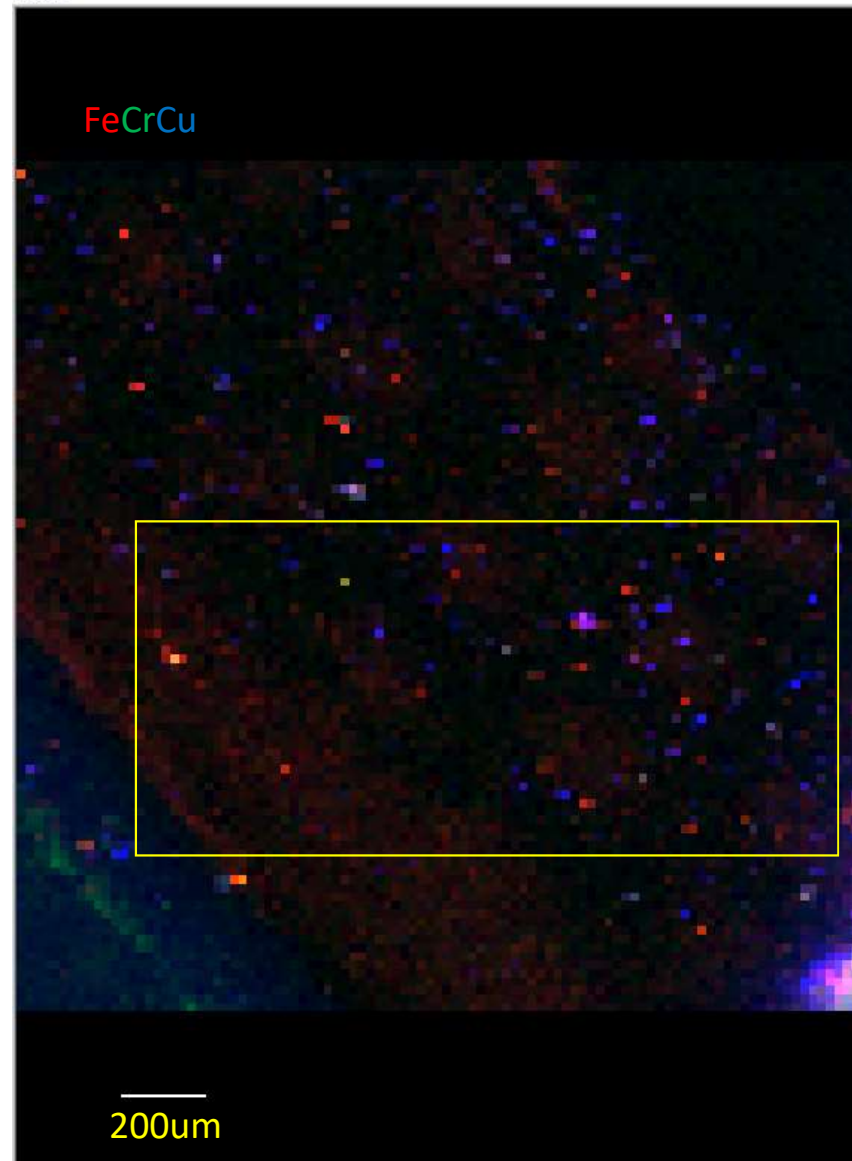
Sample4\_XANES

Fe II and Fe III ?



Sample5\_Coarse

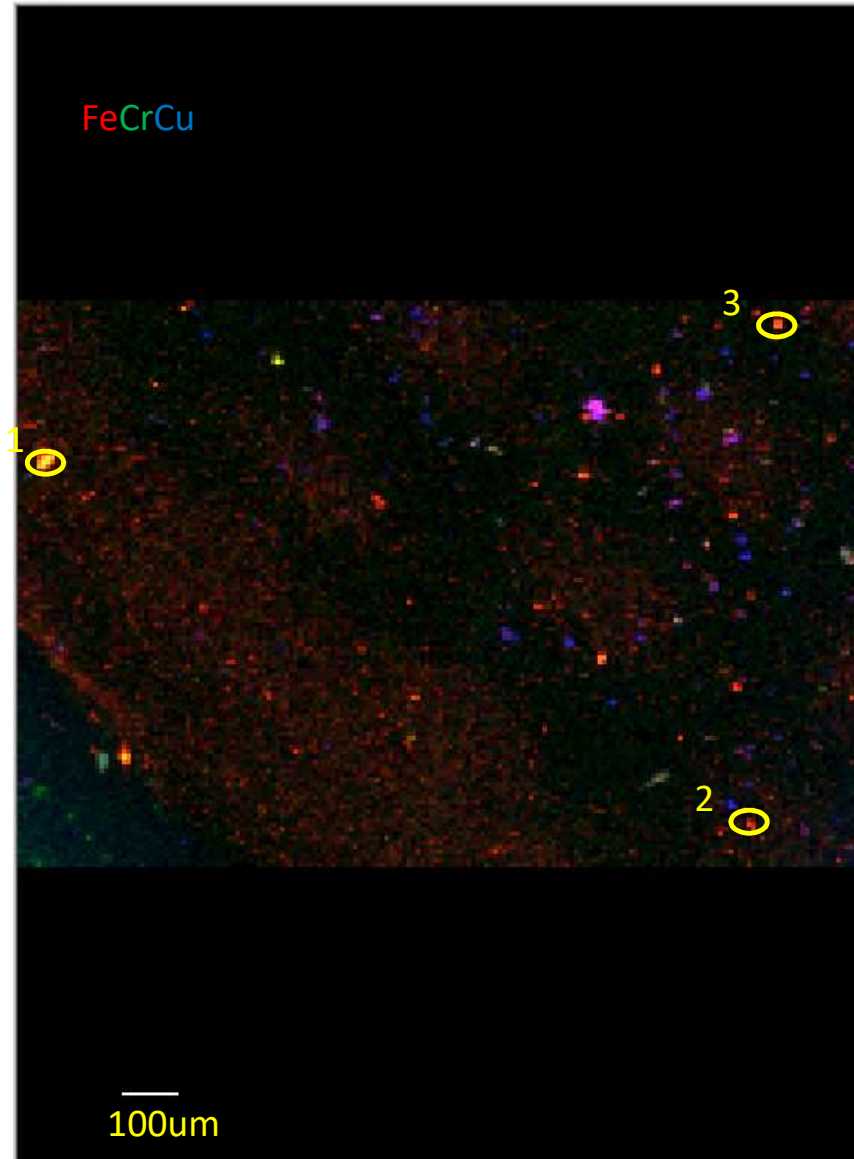
Picture



yellow box indicates  
approximate location of fine  
particle map

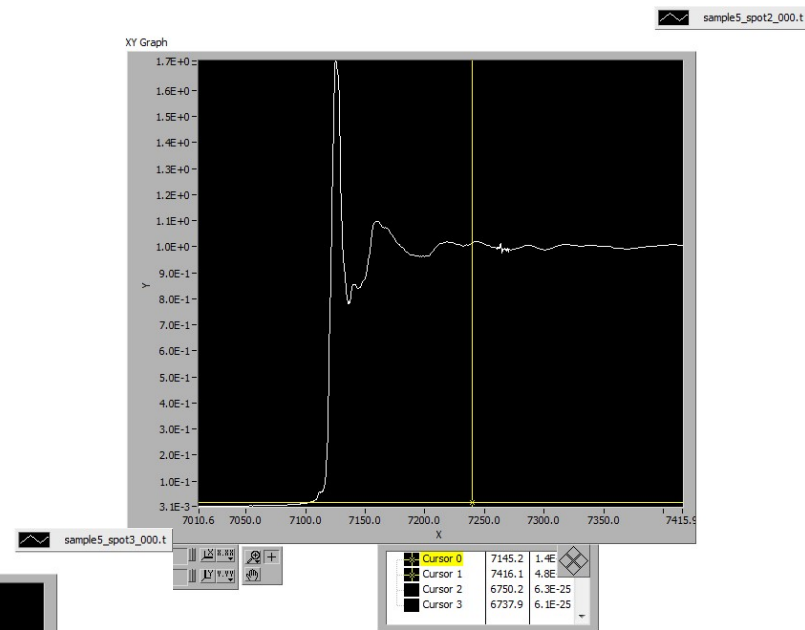
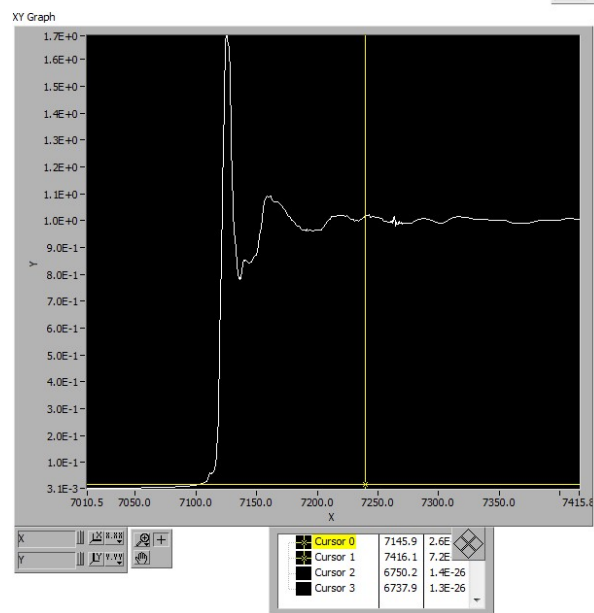
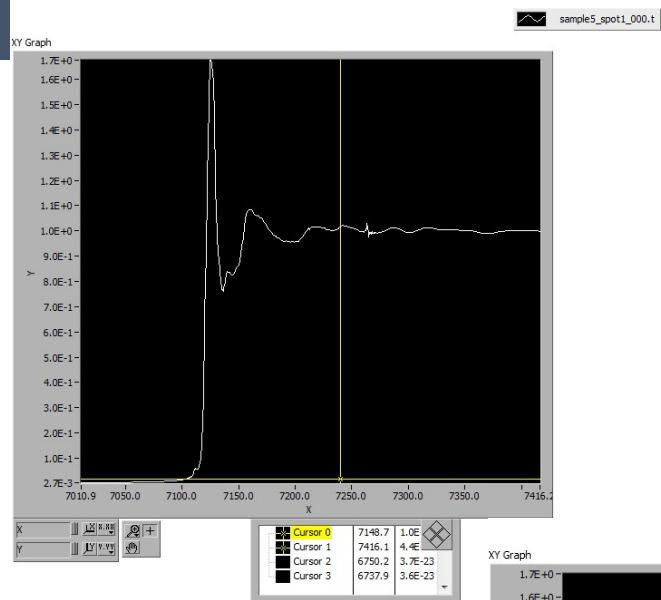
Sample5\_Fine

Picture



yellow circles indicate location of Fexanes

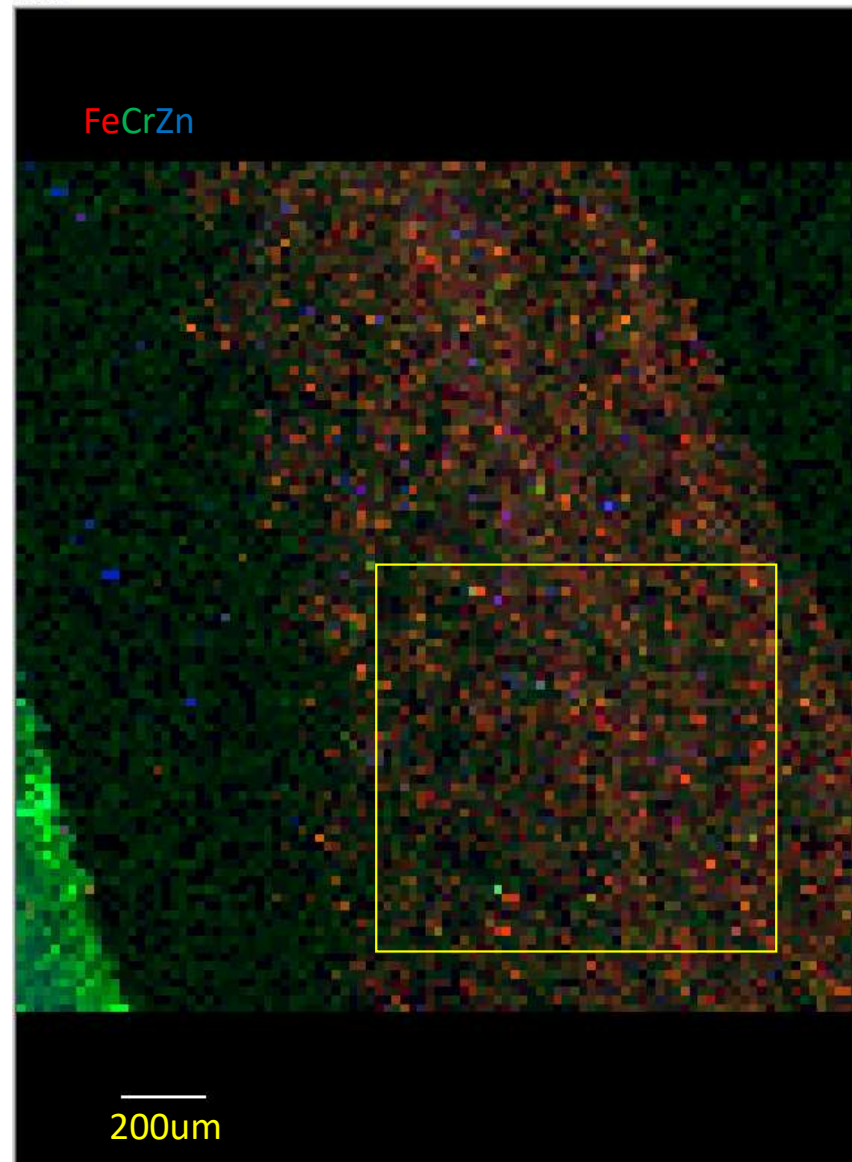
# Sample5\_XANES





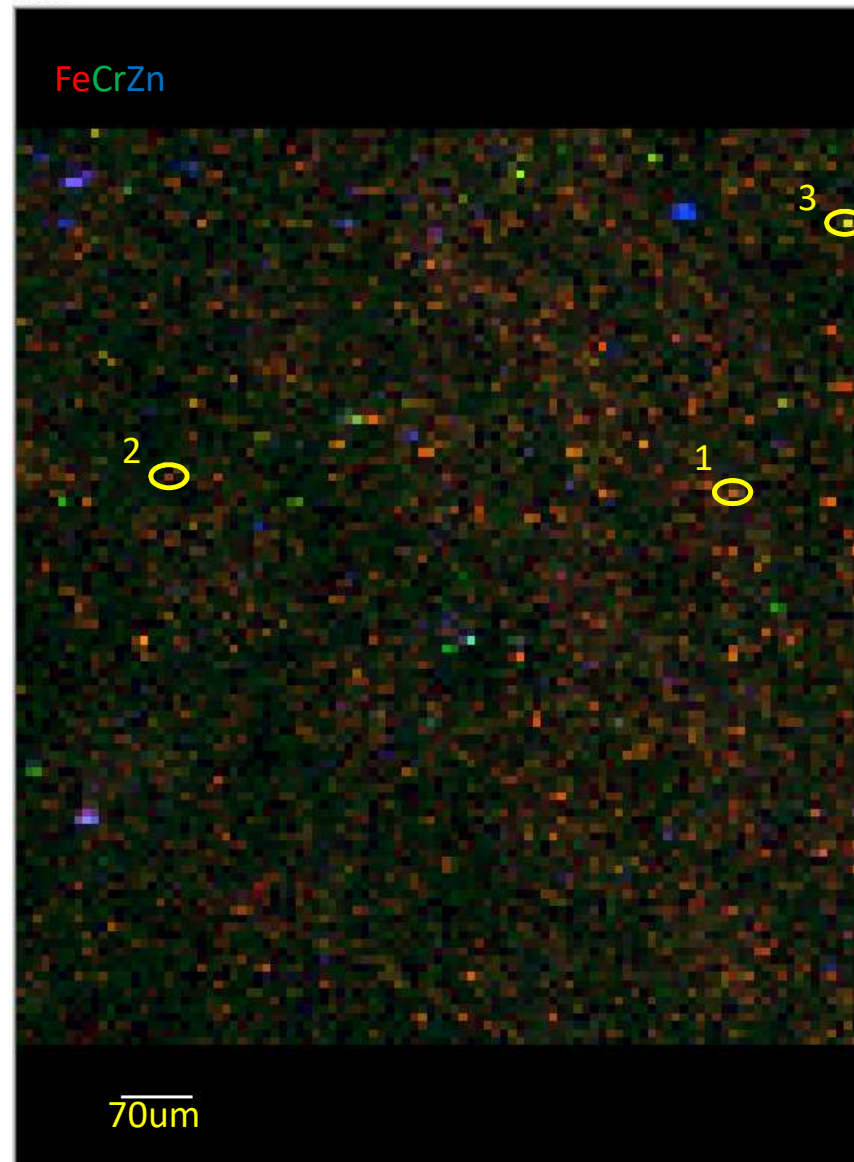
Sample6\_Coarse

Picture



yellow box indicates  
approximate location of fine  
particle map

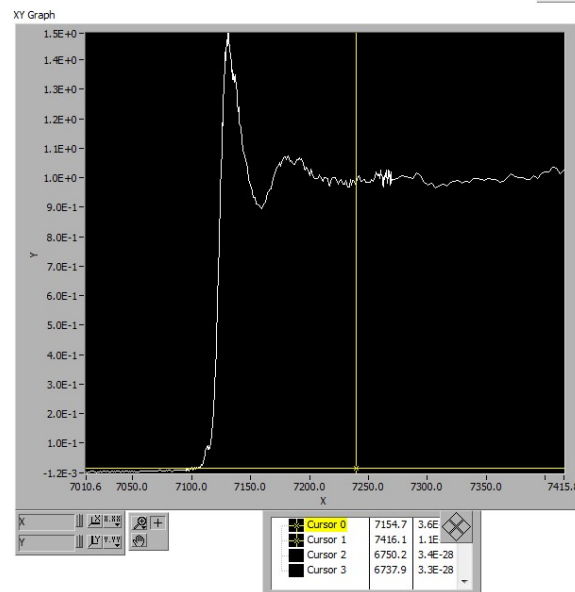
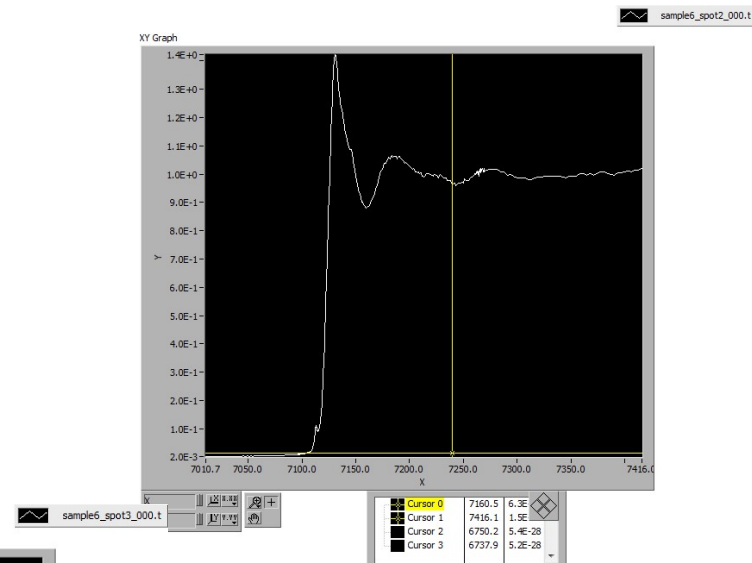
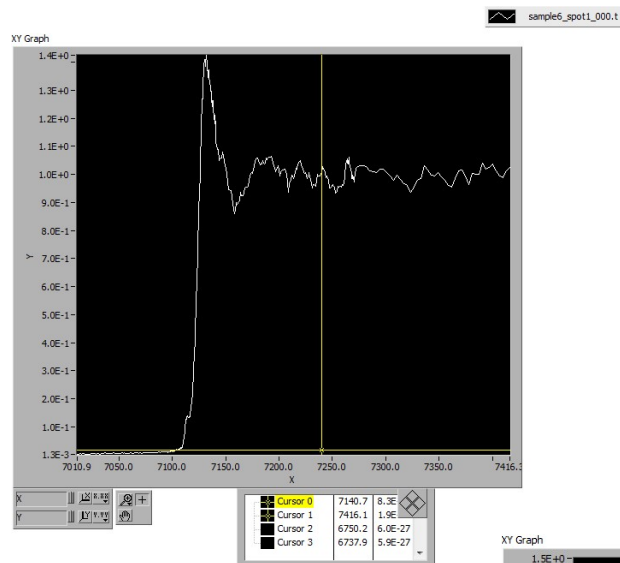
Picture



yellow circles indicate location of Fexanes

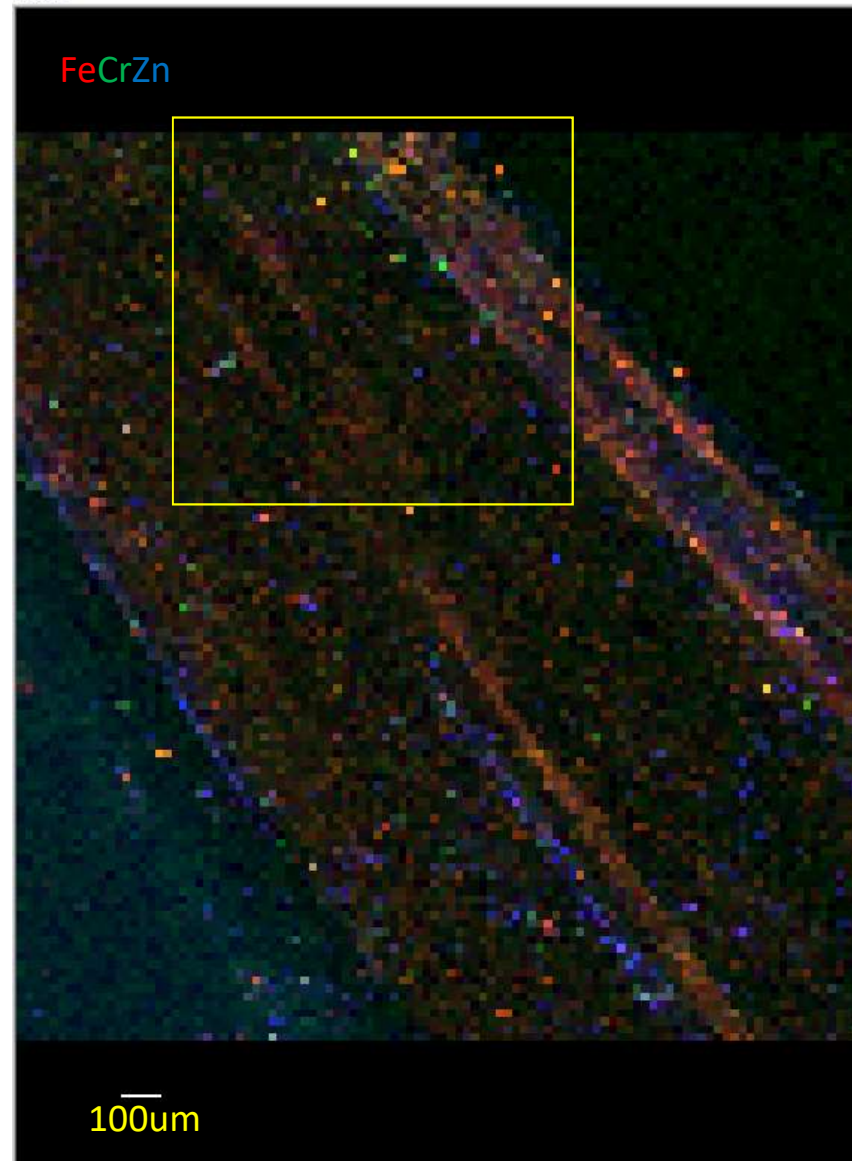


# Sample6\_XANES



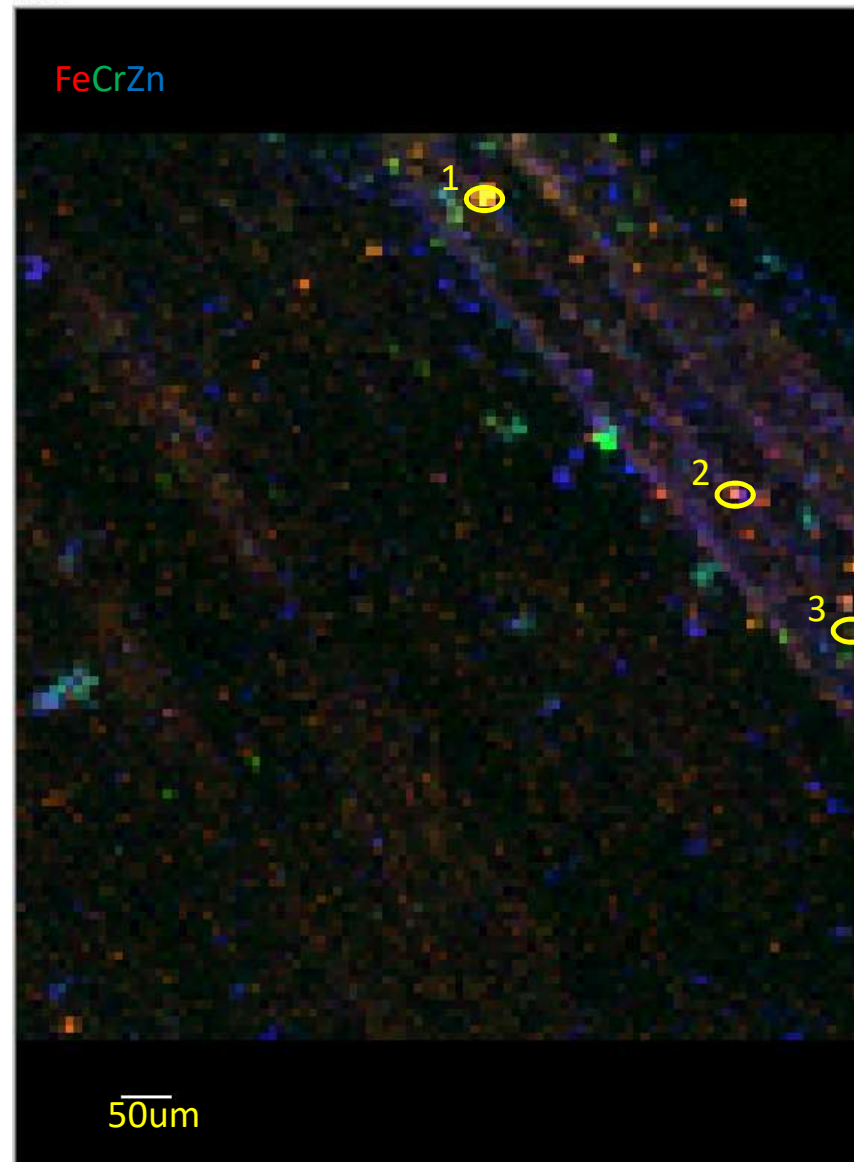
Sample7\_Coarse

Picture



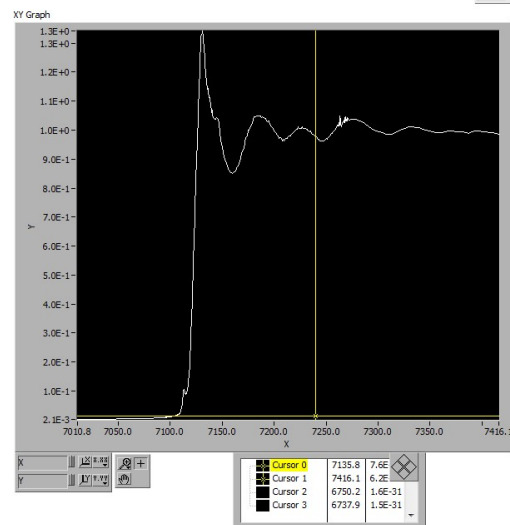
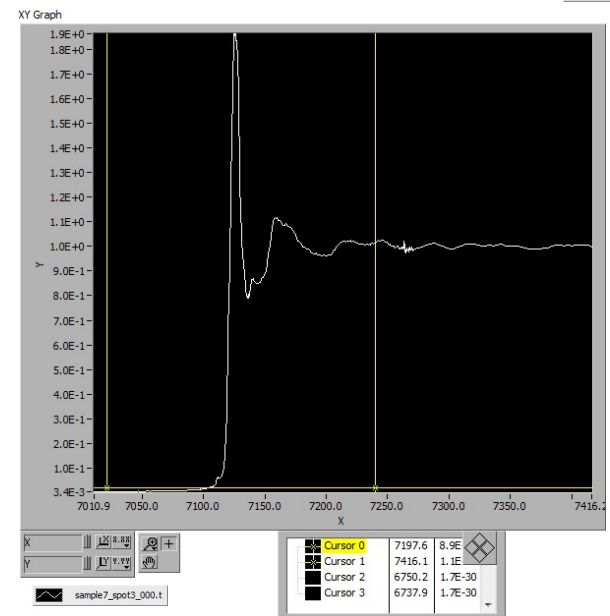
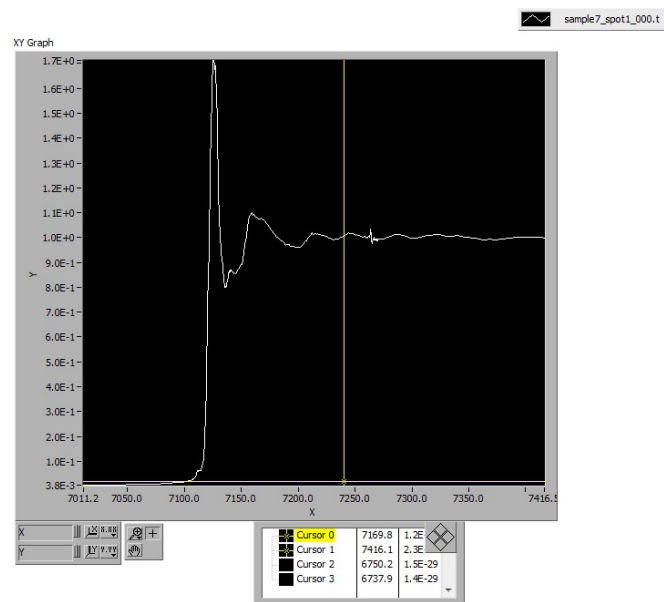
yellow box indicates  
approximate location of fine  
particle map

Picture



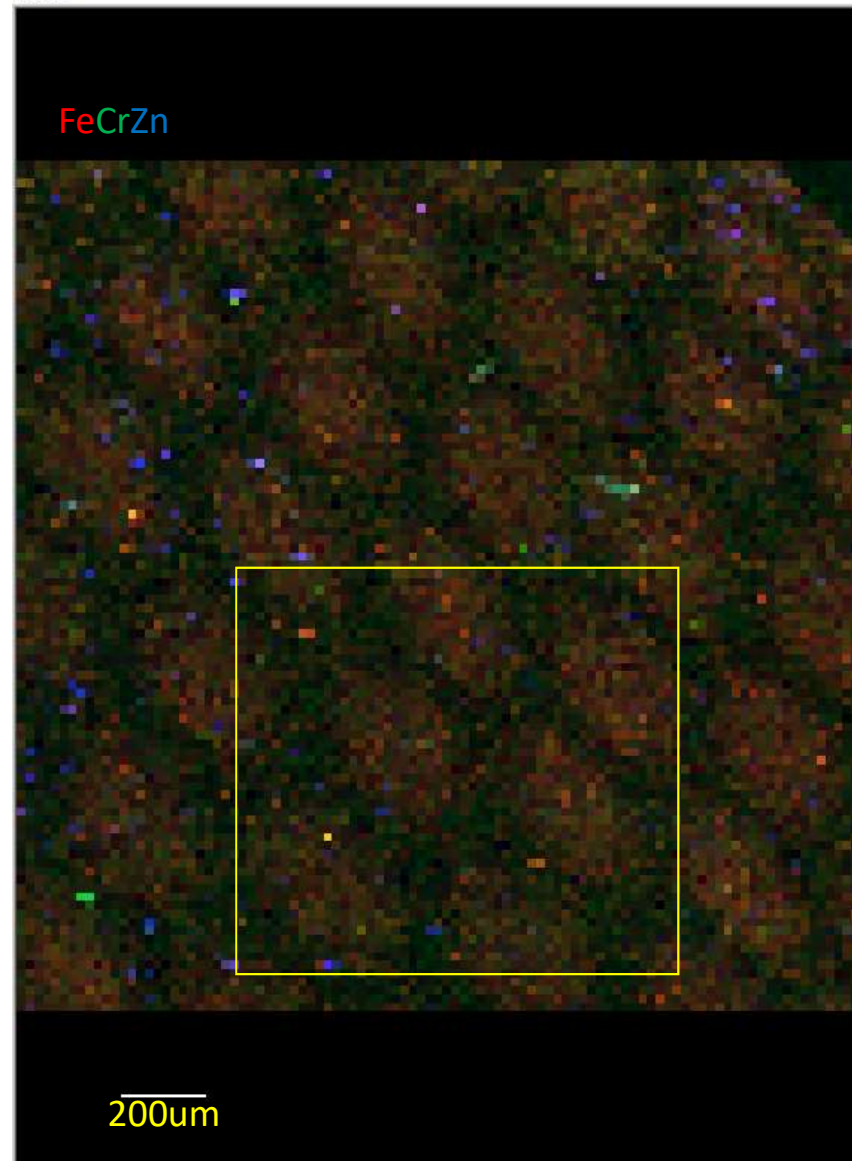
yellow circles indicate location of Fexanes

# Sample7\_XANES



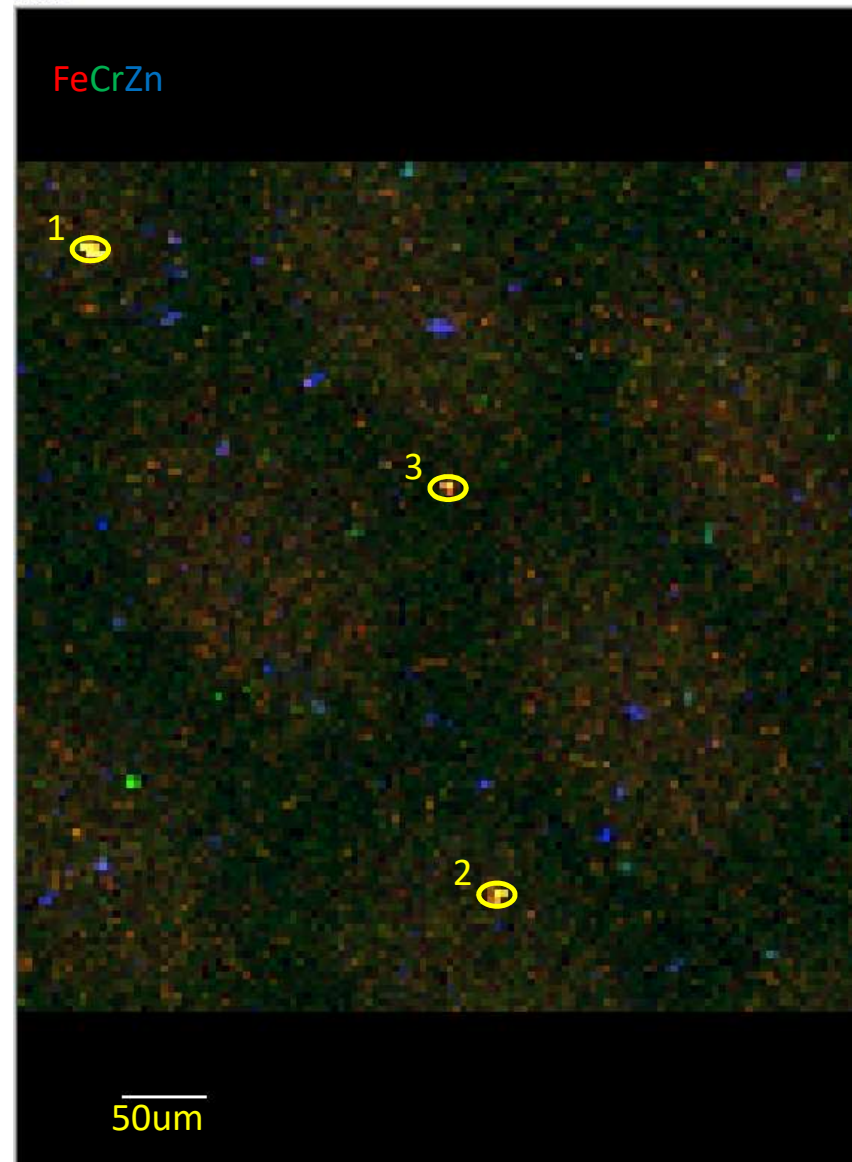
Sample8\_Coarse

Picture



yellow box indicates  
approximate location of fine  
particle map

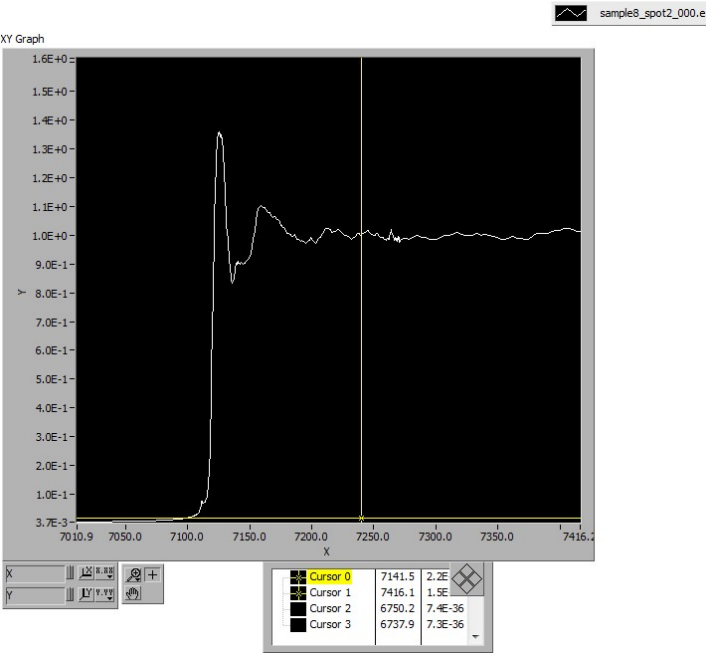
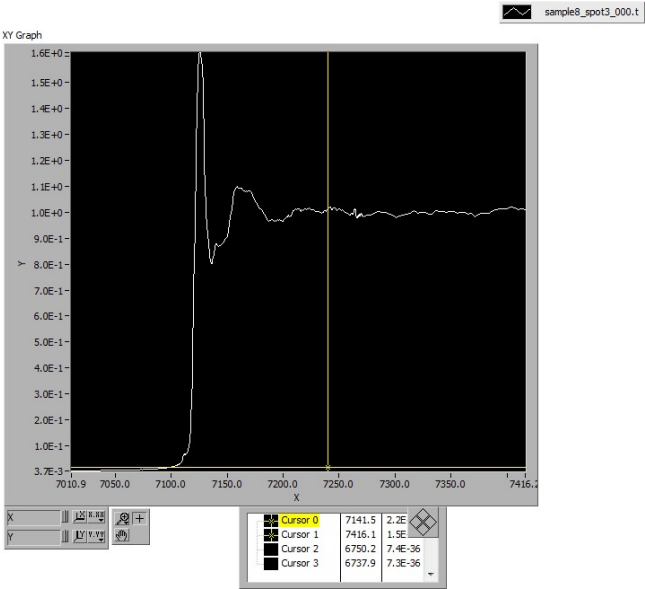
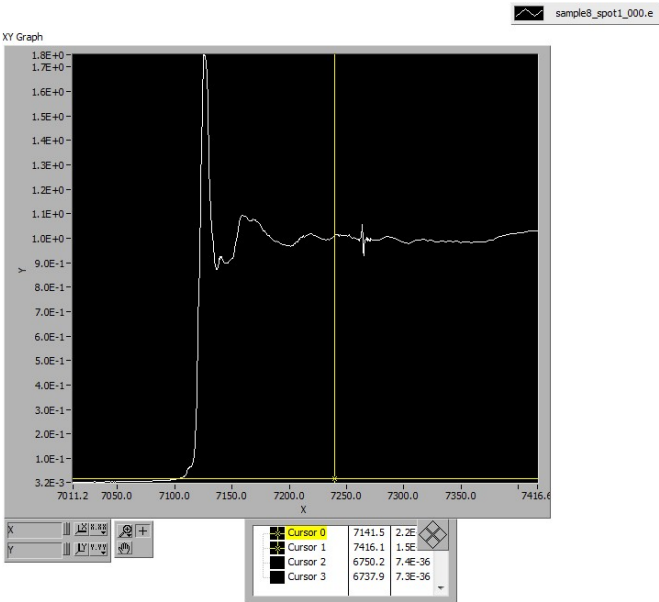
Picture



yellow circles indicate location of Fexanes

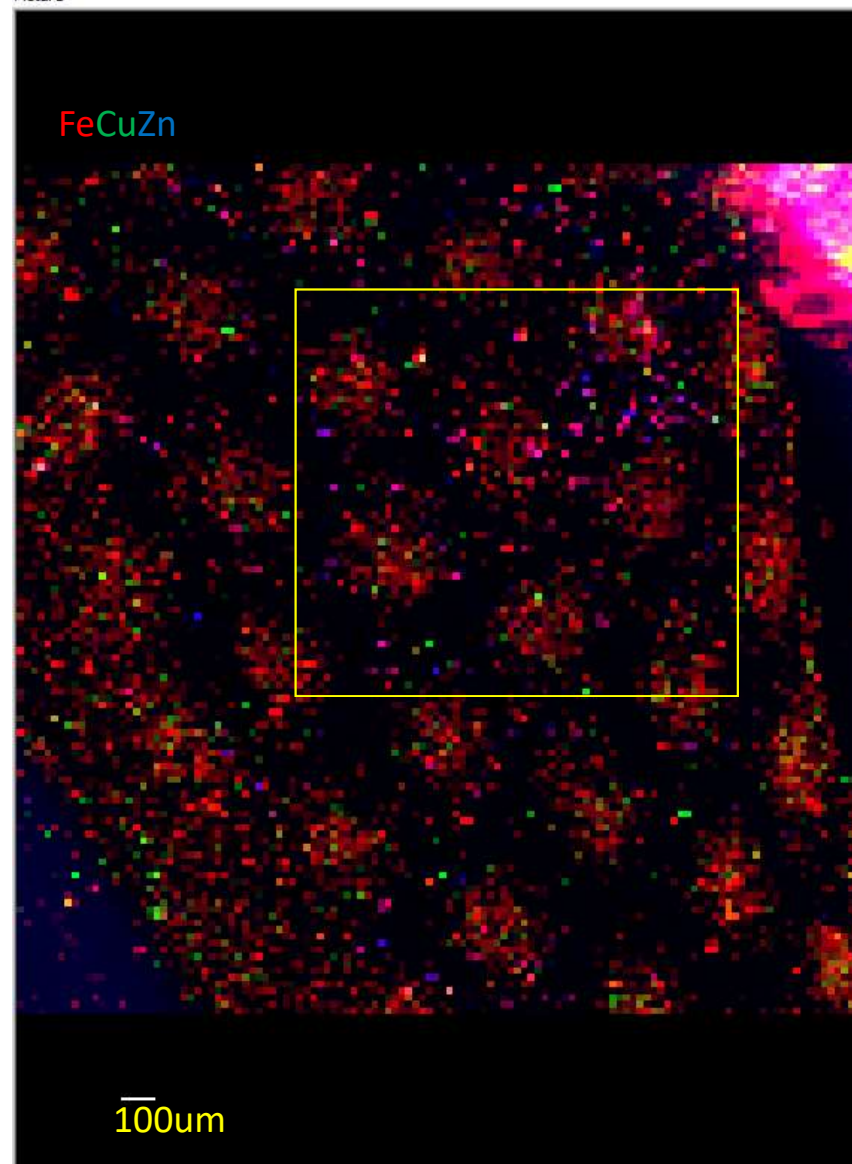


Sample8\_XANES



Sample9\_Coarse

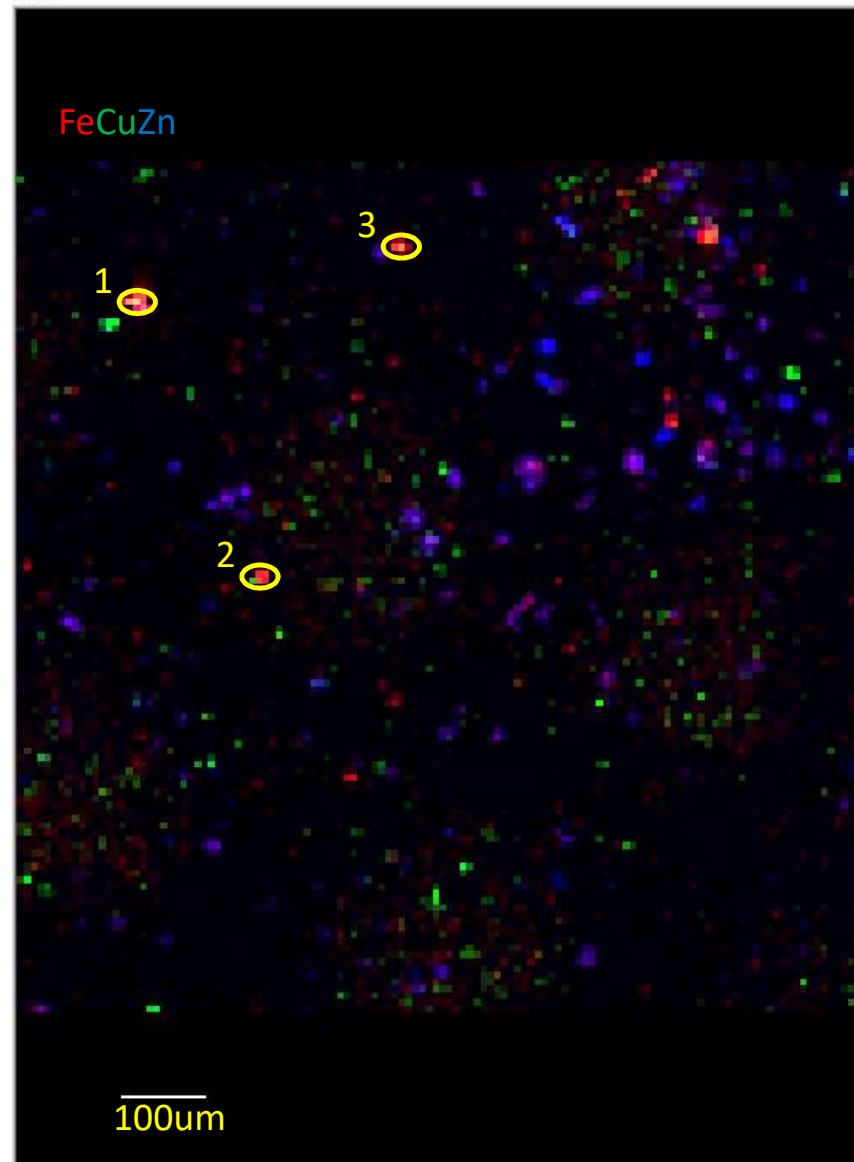
Picture



yellow box indicates  
approximate location of fine  
particle map

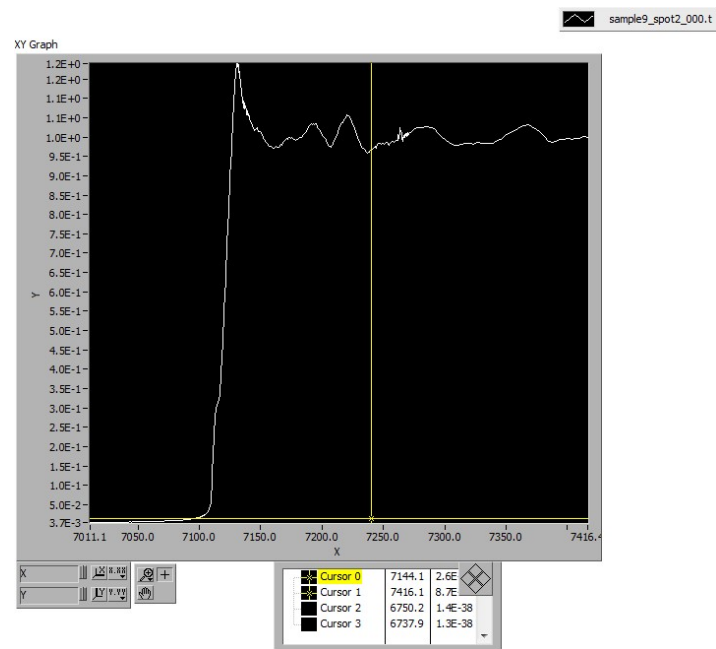
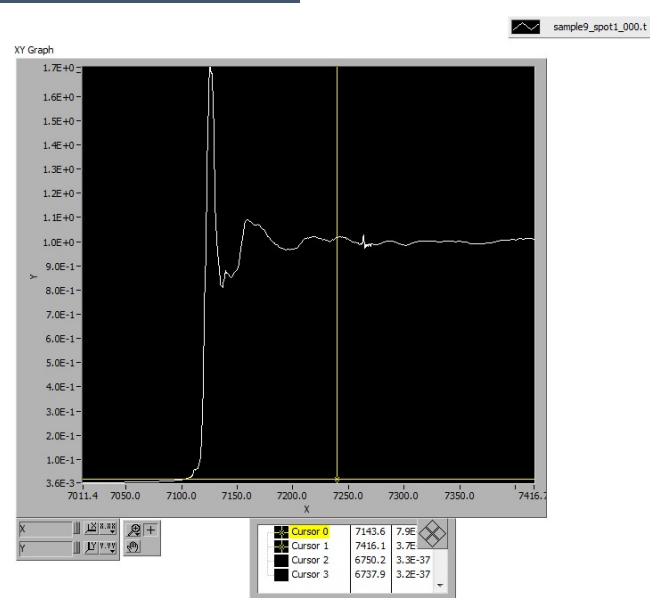


Picture



yellow circles indicate location of Fexanes

# Sample9\_XANES



spot3 and spot4  
aborted due to  
drifting

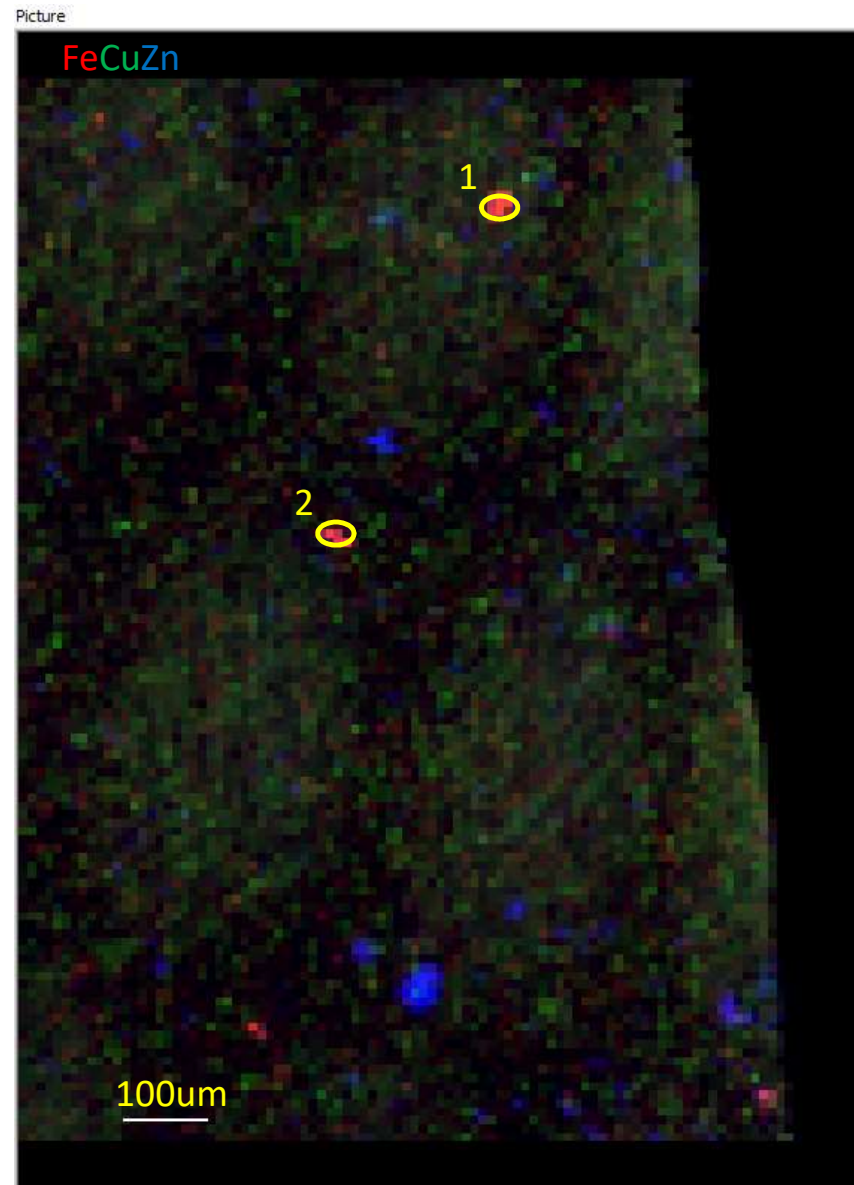
Sample10\_Coarse

Picture



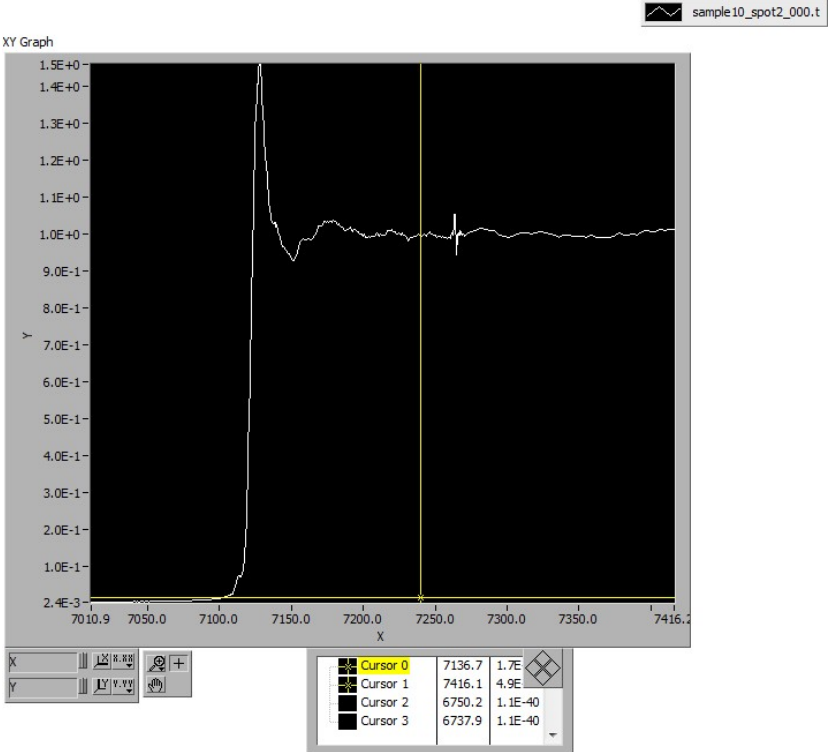
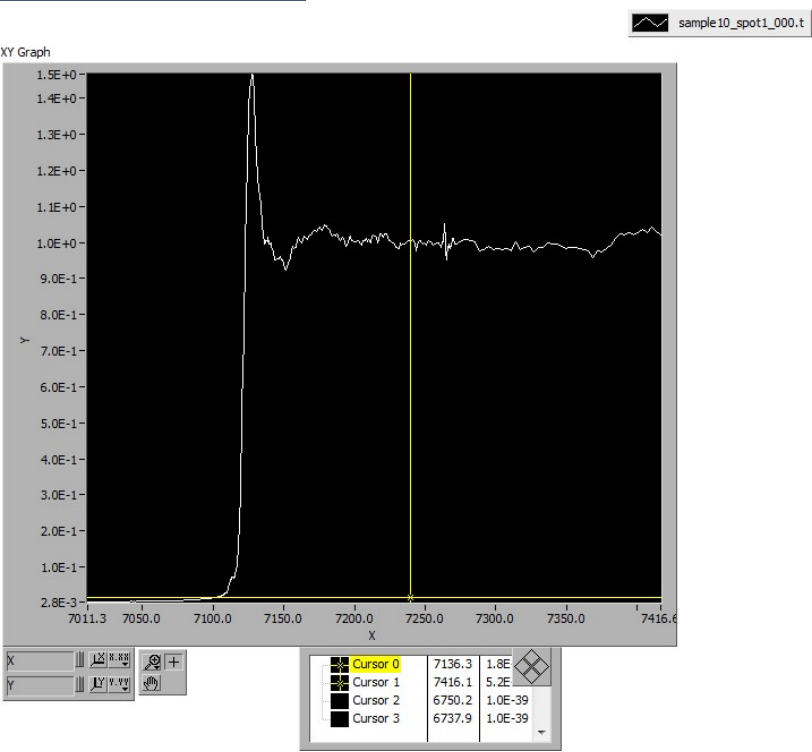
yellow box indicates  
approximate location of fine  
particle map

Sample10\_Fine



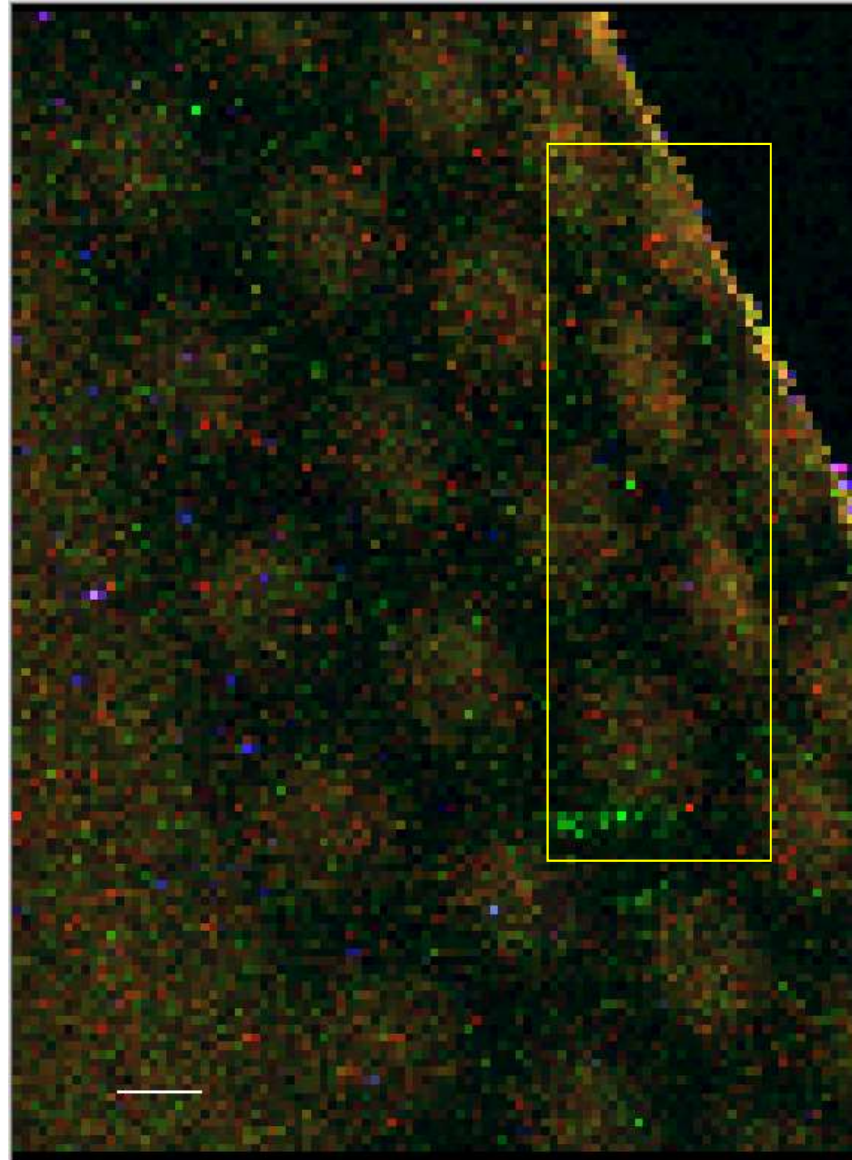
yellow circles indicate location of Fexanes

Sample10\_XANES



Sample11\_Coarse

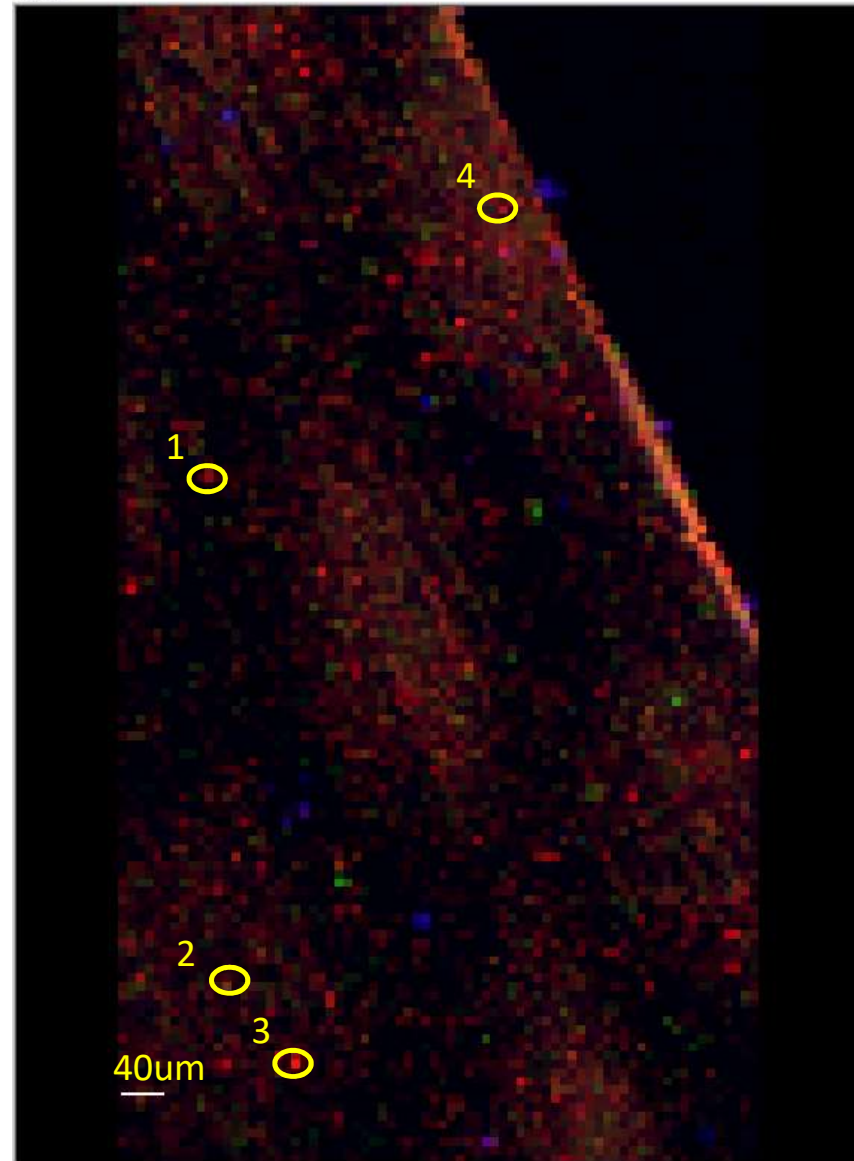
Picture



yellow box indicates  
approximate location of fine  
particle map

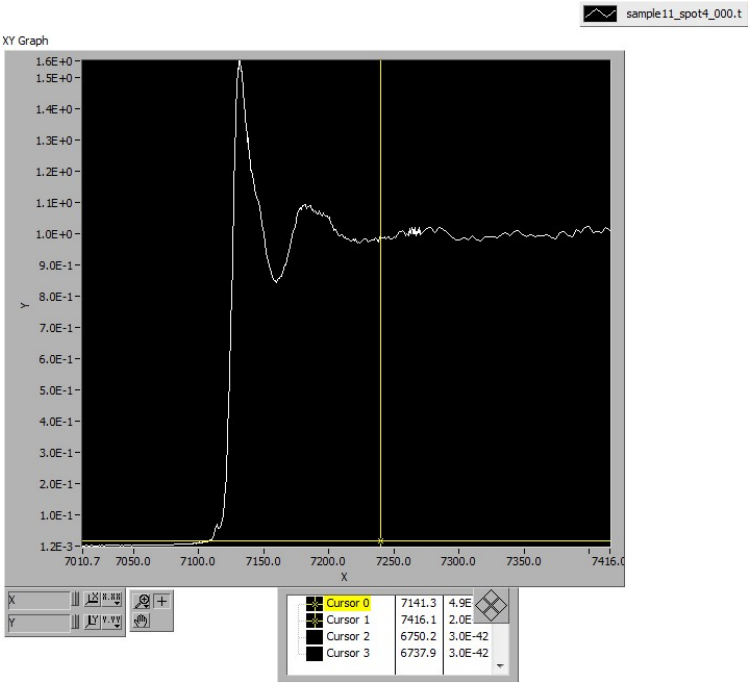
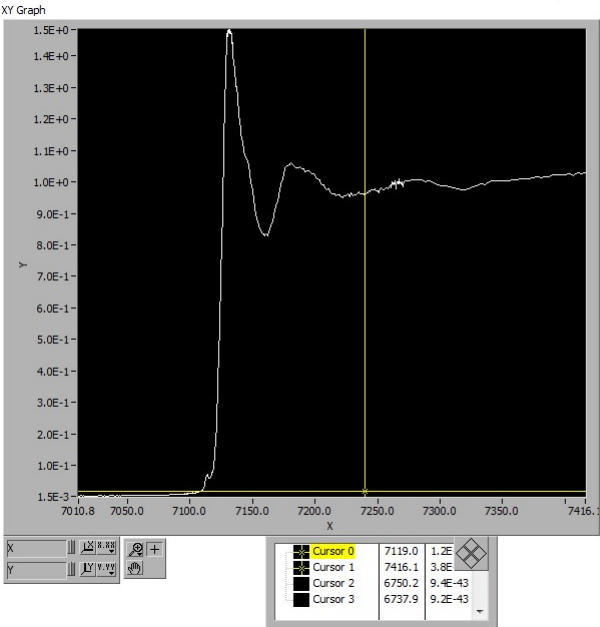
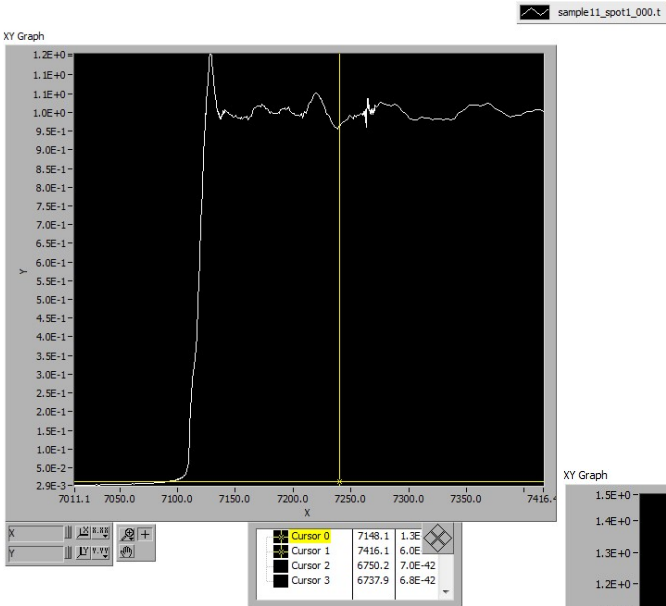


Picture



yellow circles indicate location  
of Fexanes

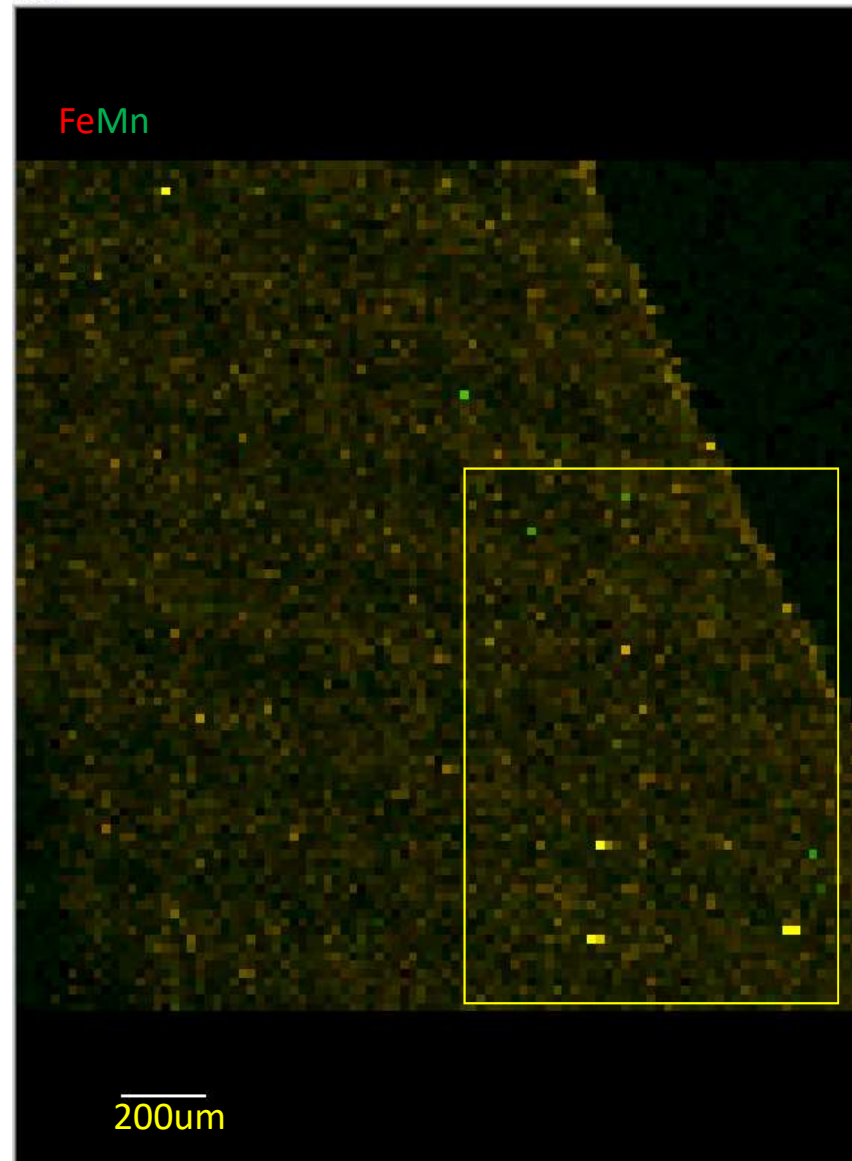
Sample11\_XANES





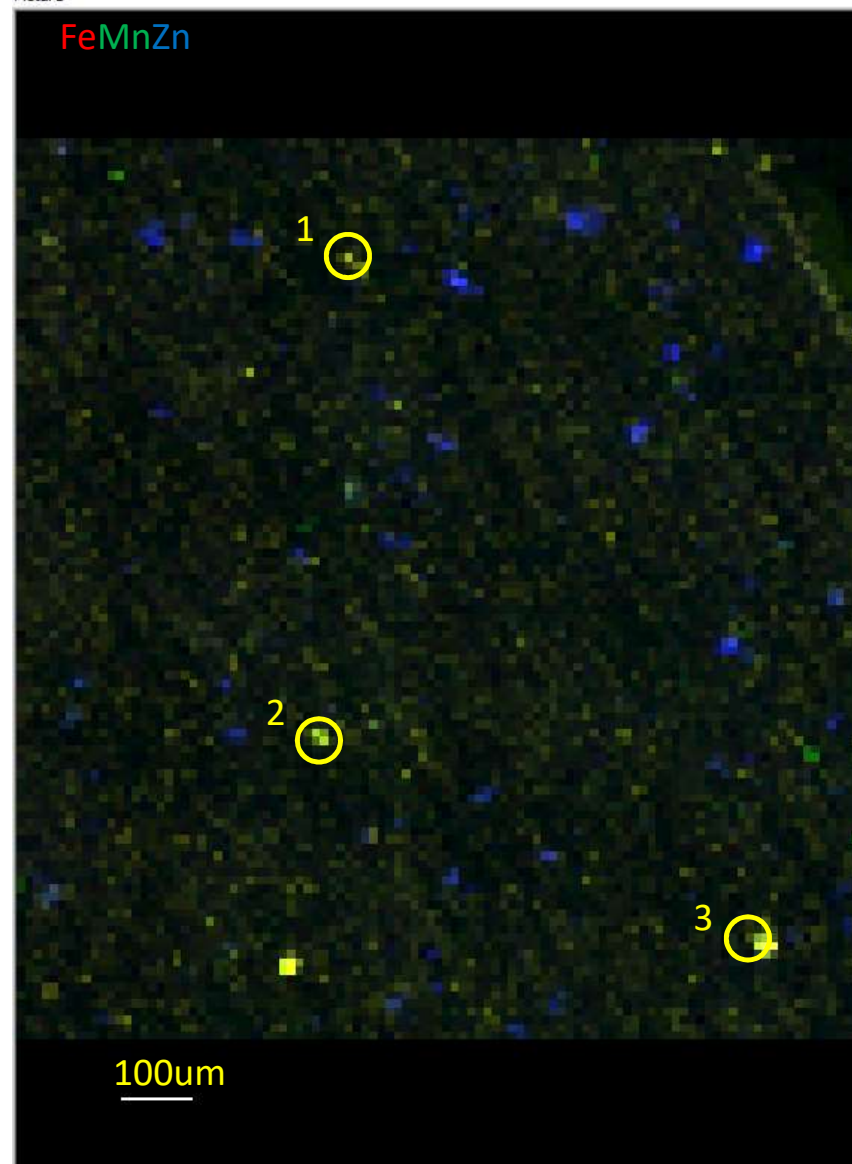
Sample12\_Coarse

Picture



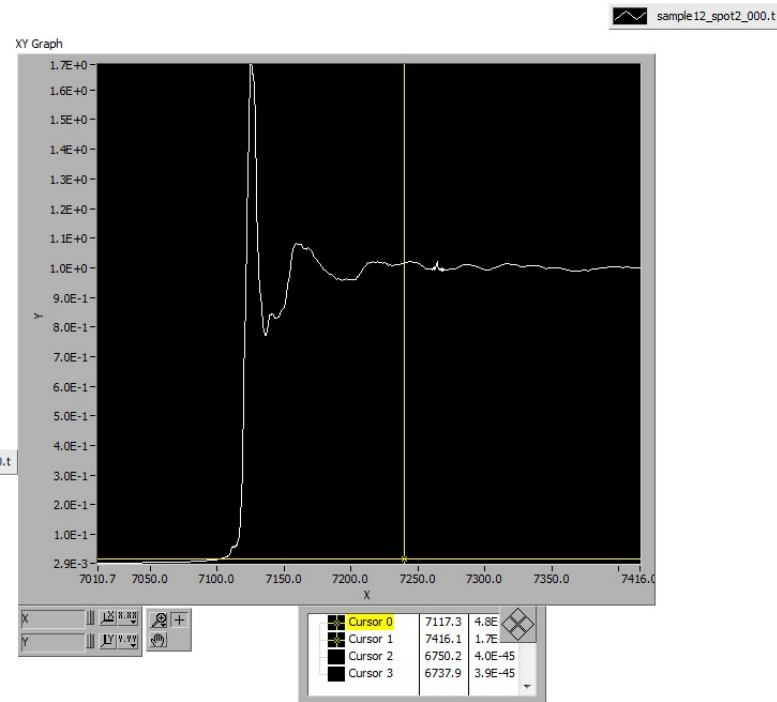
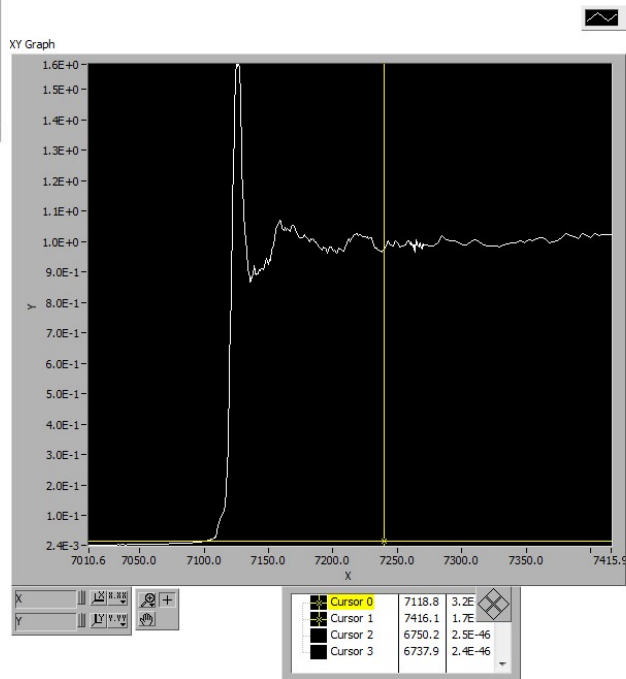
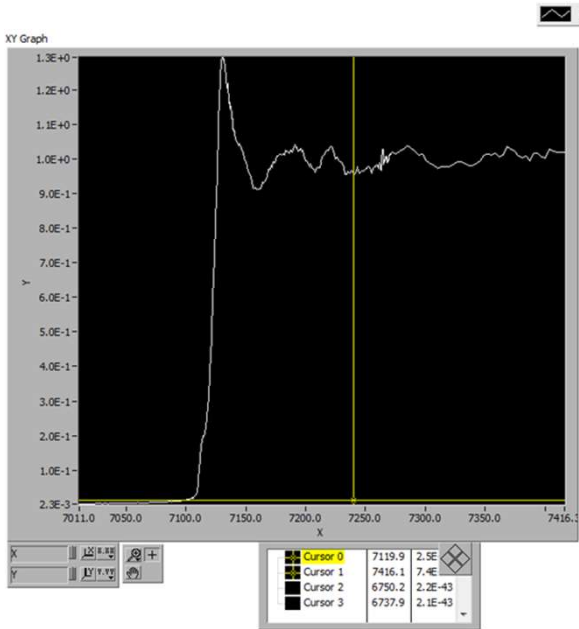
yellow box indicates  
approximate location of fine  
particle map

Picture



yellow circles indicate location of Fexanes

Sample12\_XANES



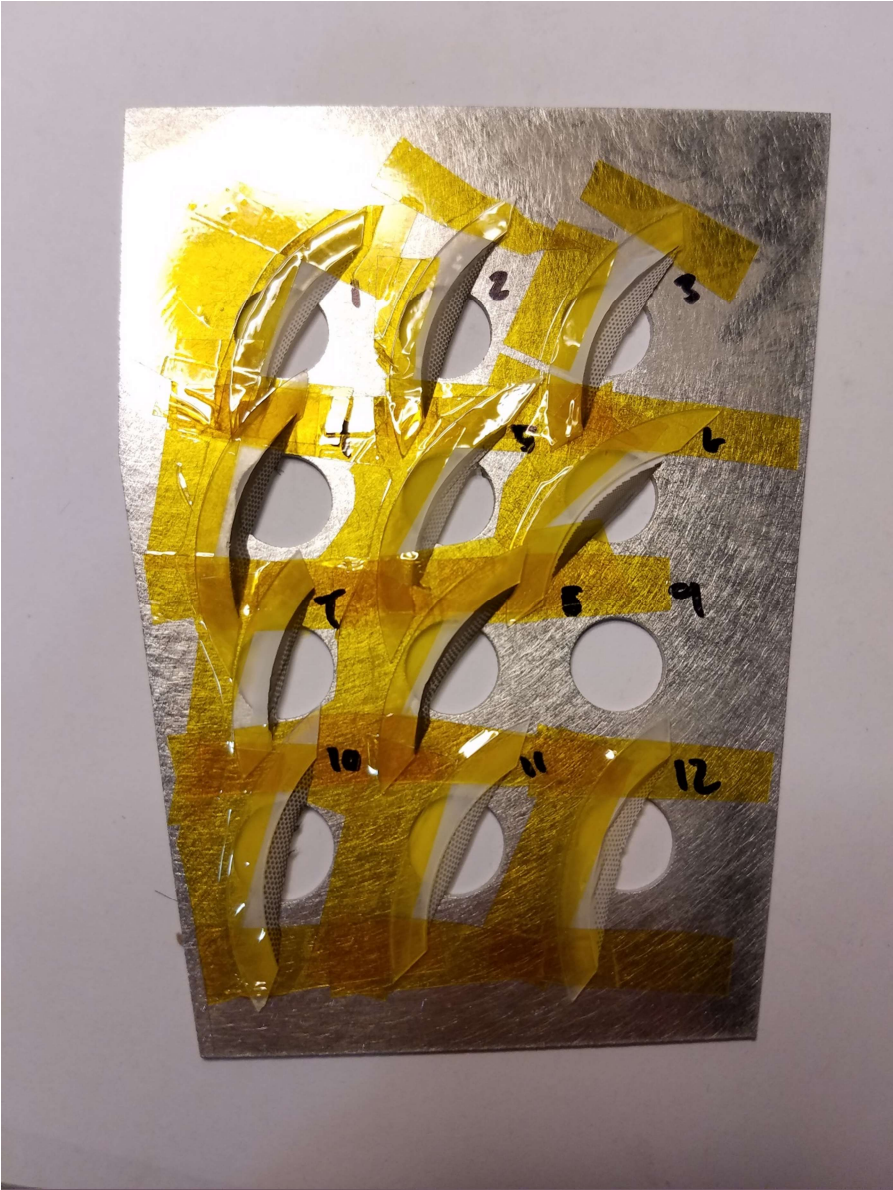
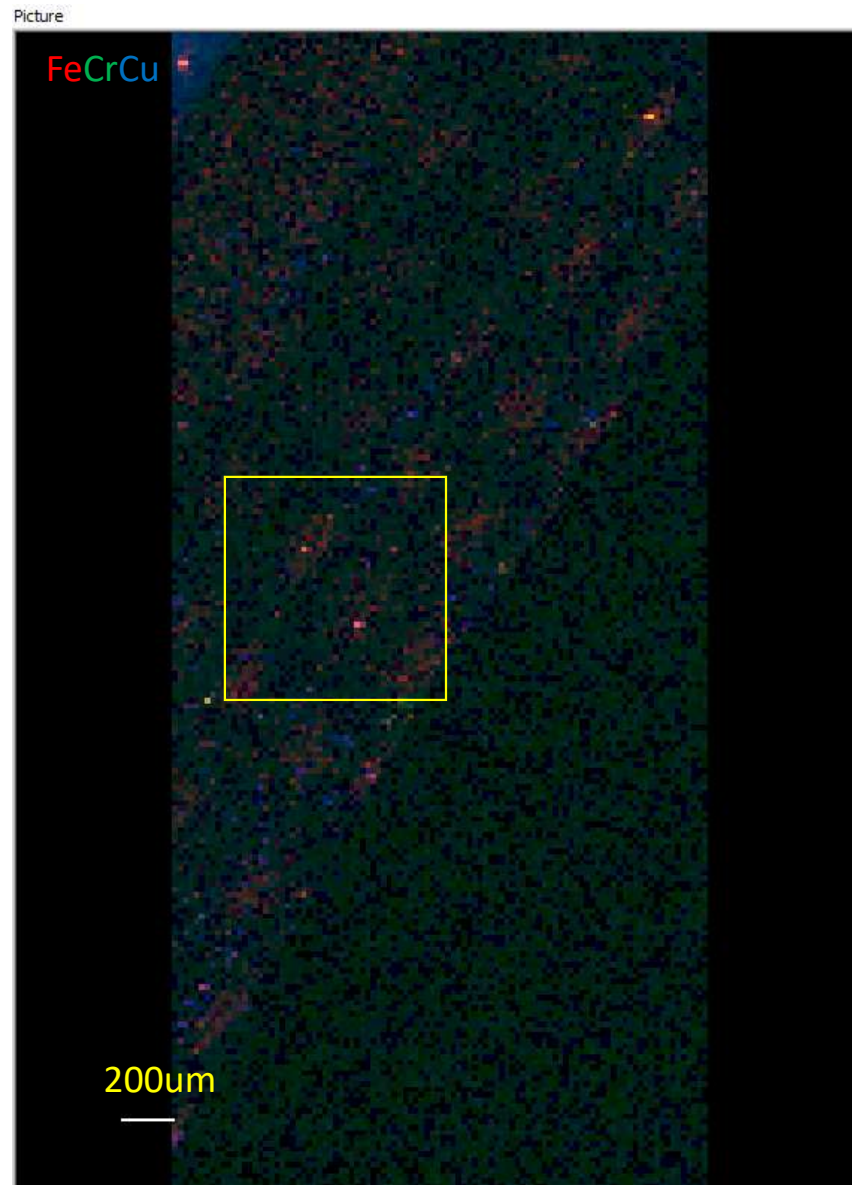
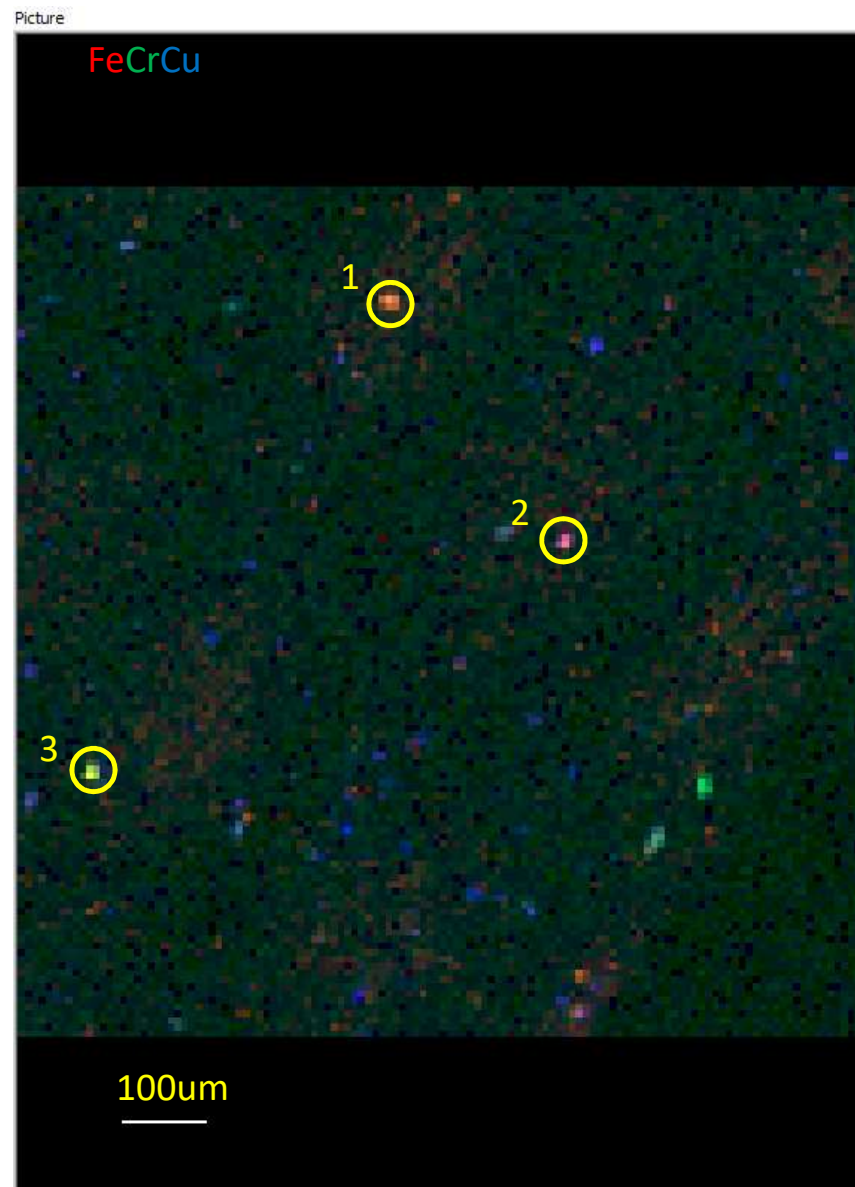


Plate 2 Sample1 coarse



yellow box indicates  
approximate location of fine  
particle map

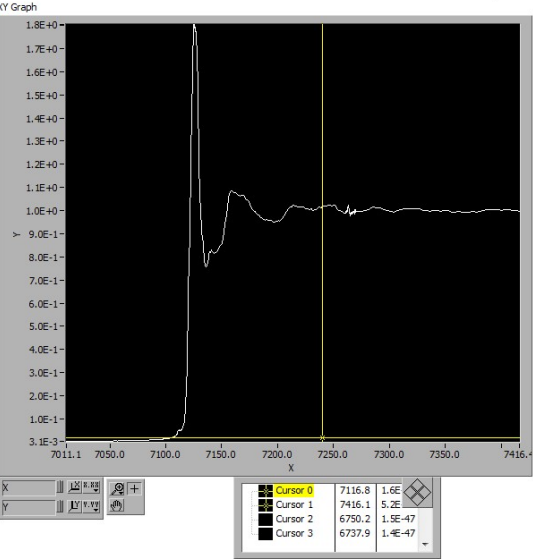




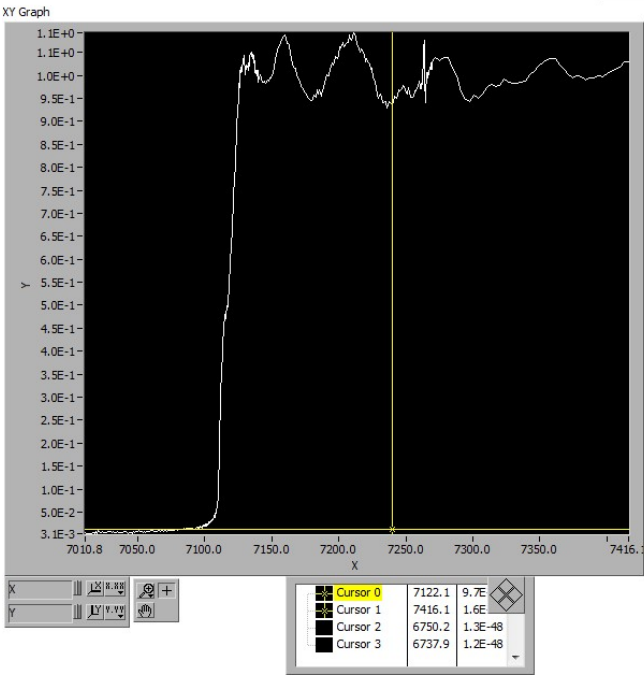
yellow circles indicate location of Fexanes

Plate2 sample1\_XANES

te2sample1\_spot1\_000.t



te2sample1\_spot3\_000.t



te2sample1\_spot2\_000.t

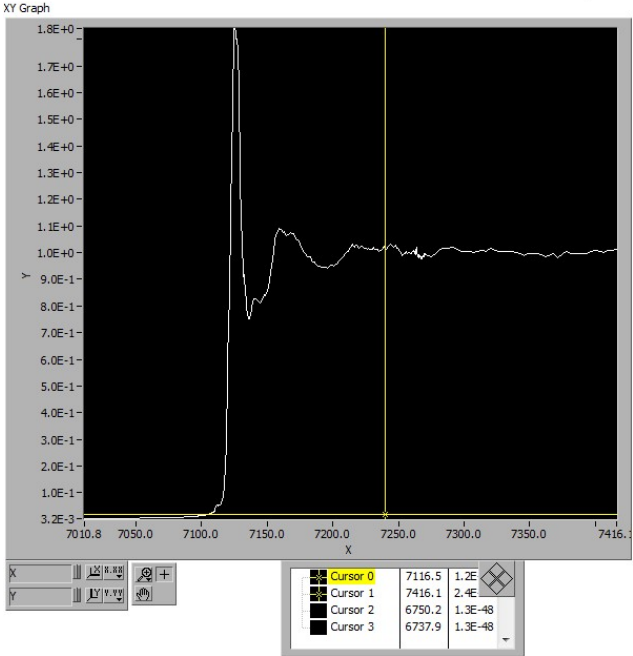
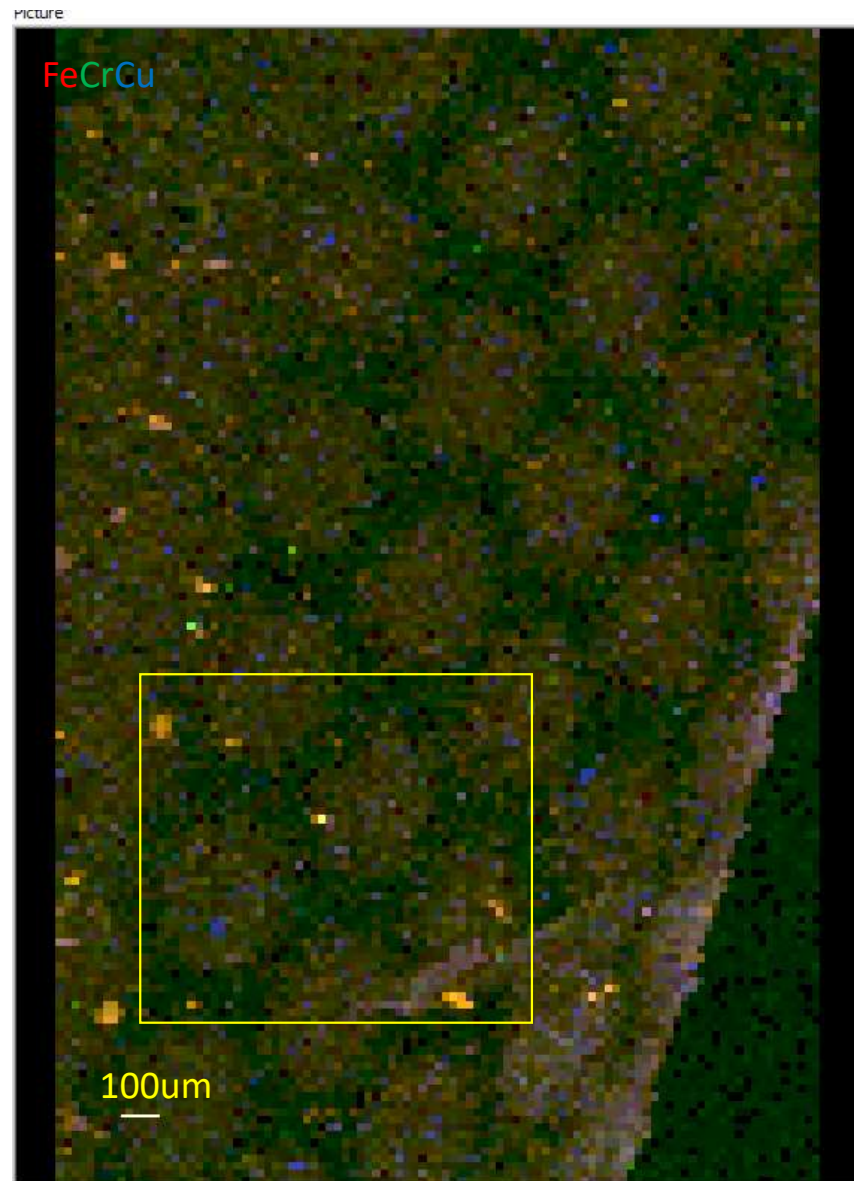


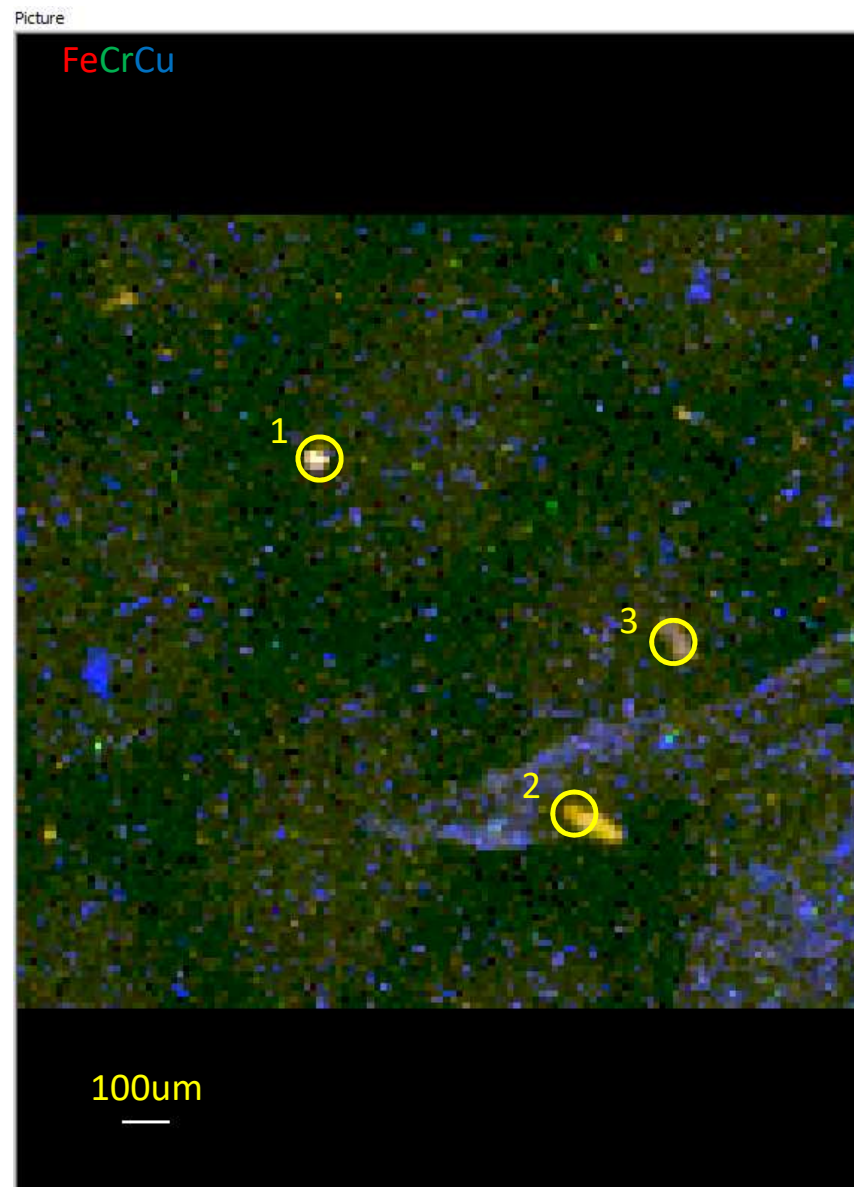
Plate 2 Sample2 coarse



yellow box indicates  
approximate location of fine  
particle map

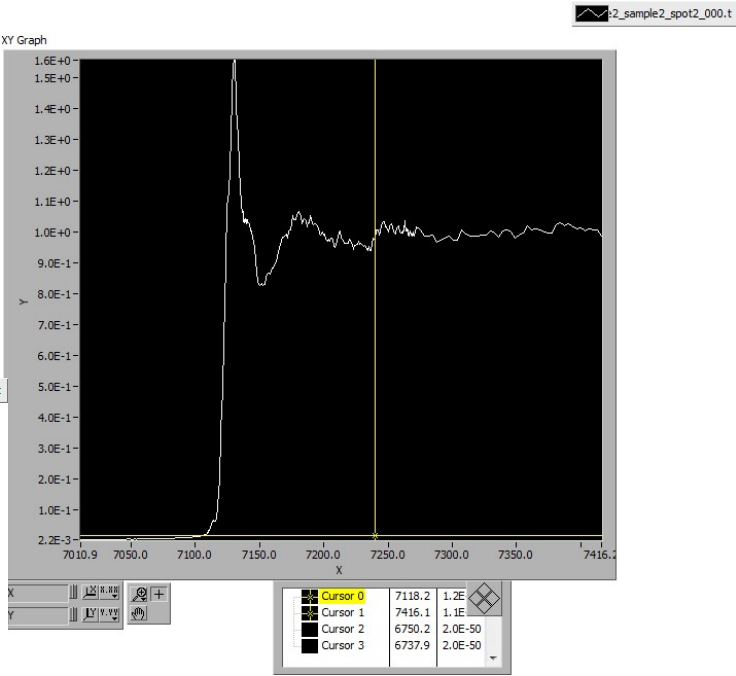
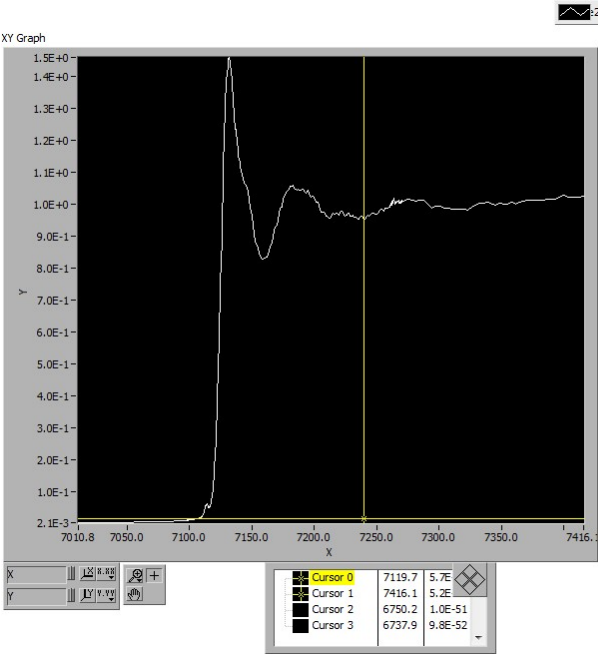
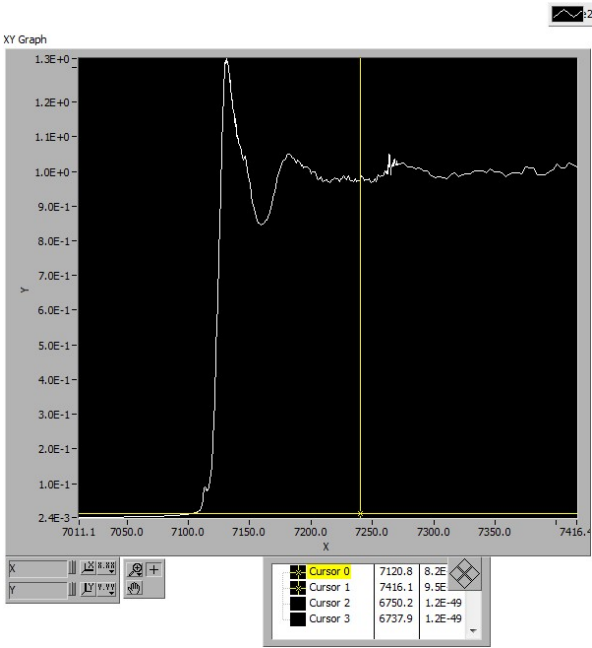


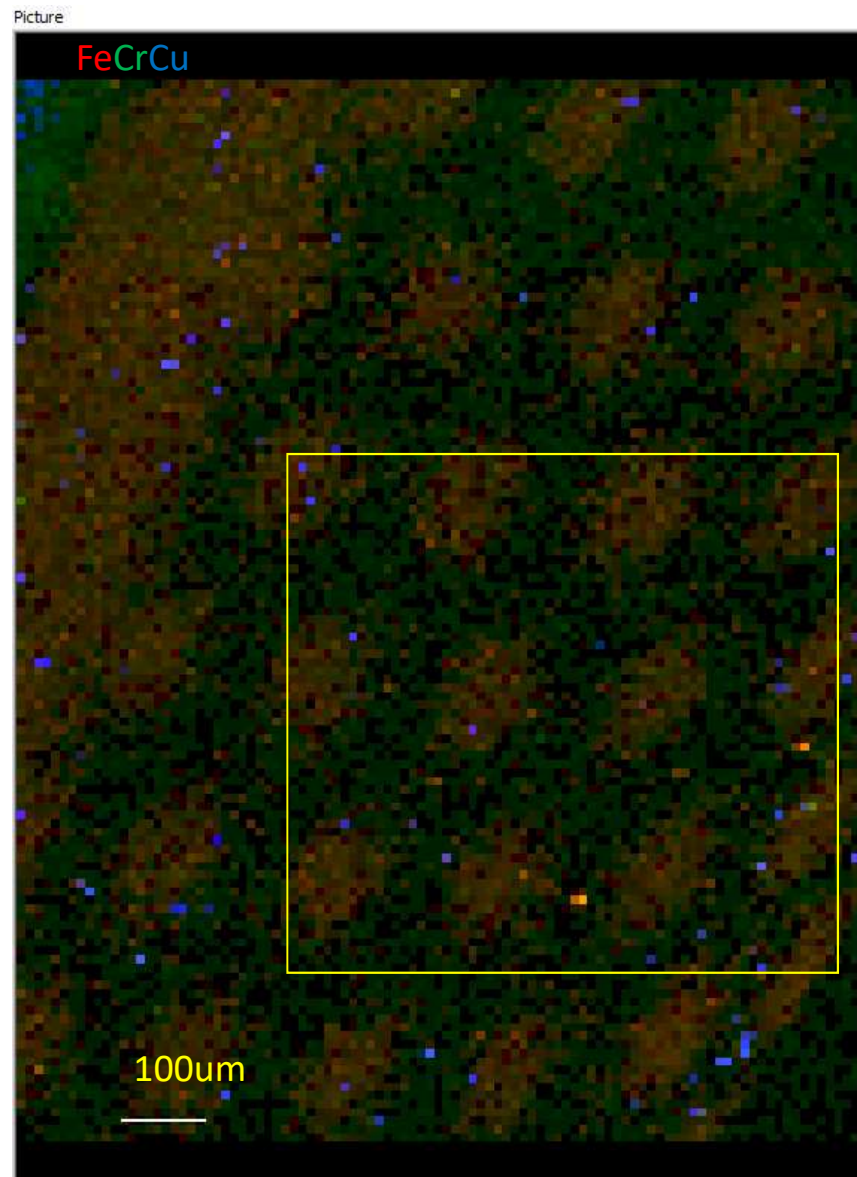
Plate2\_Sample2\_Fine



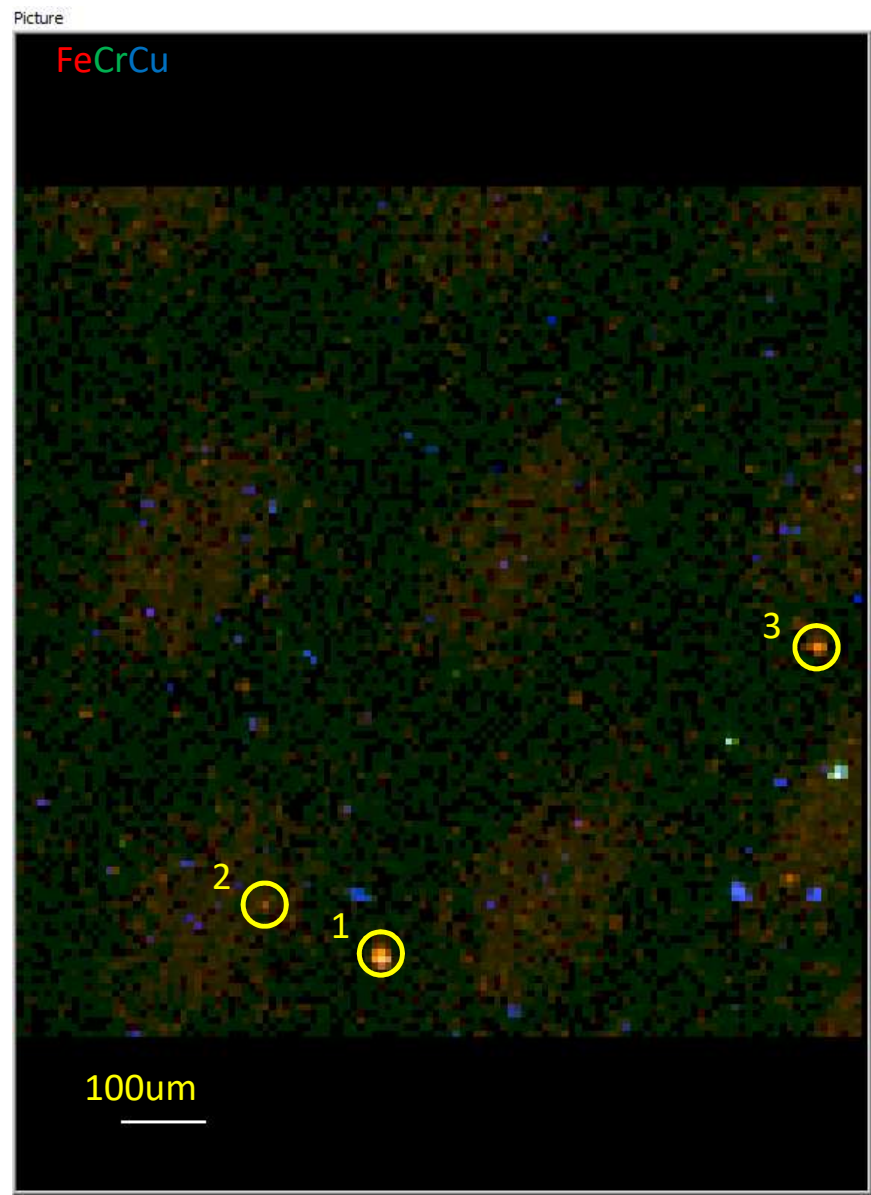
yellow circles indicate location of Fexanes

Plate2\_Sample2\_XANES



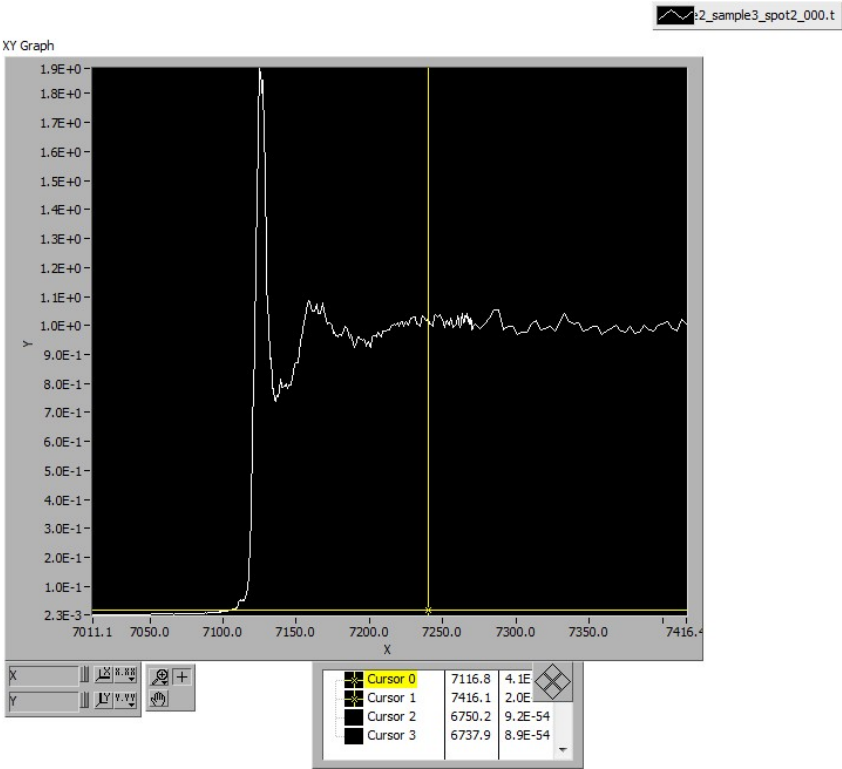
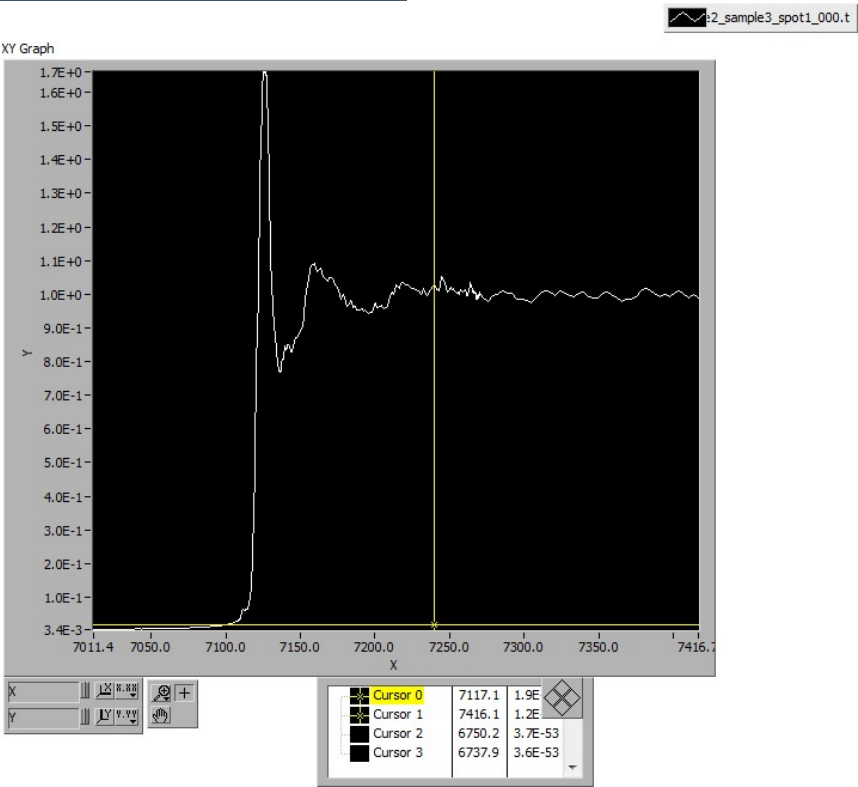


yellow box indicates  
approximate location of fine  
particle map

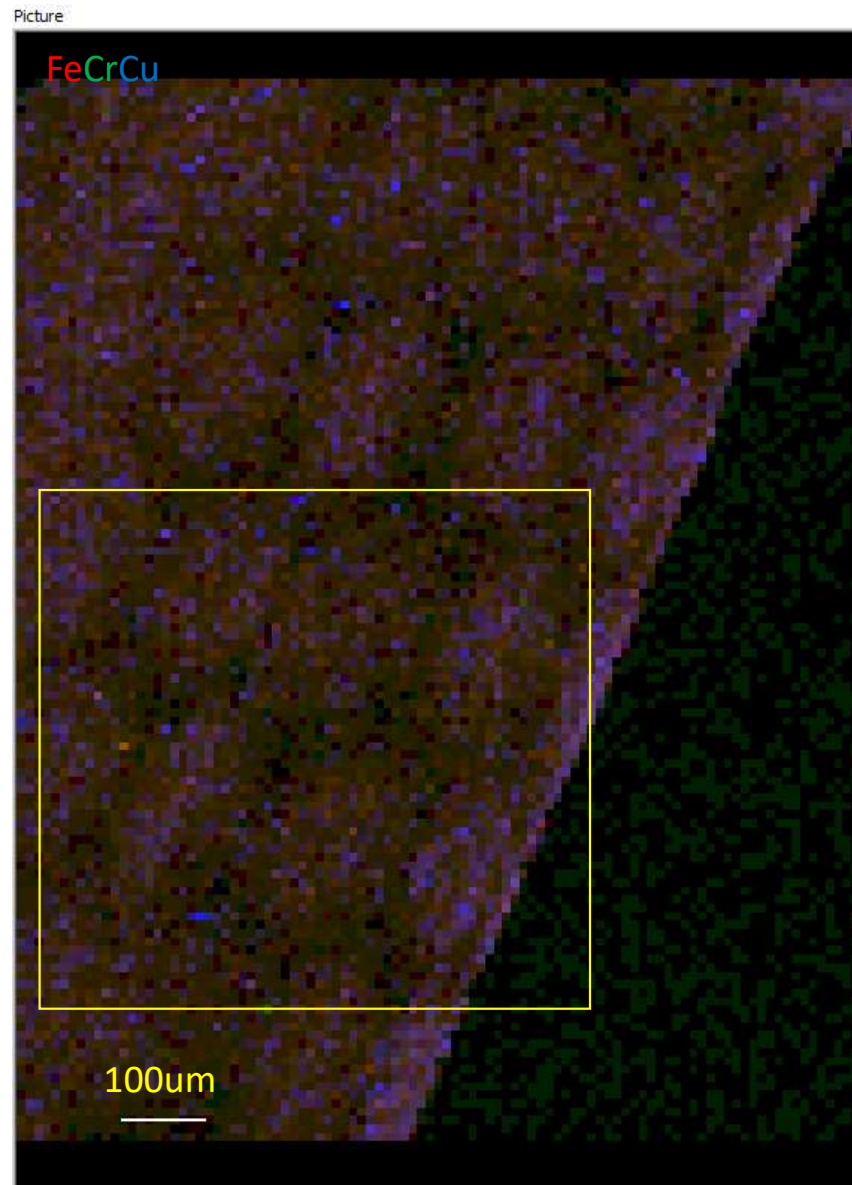


yellow circles indicate location of Fexanes

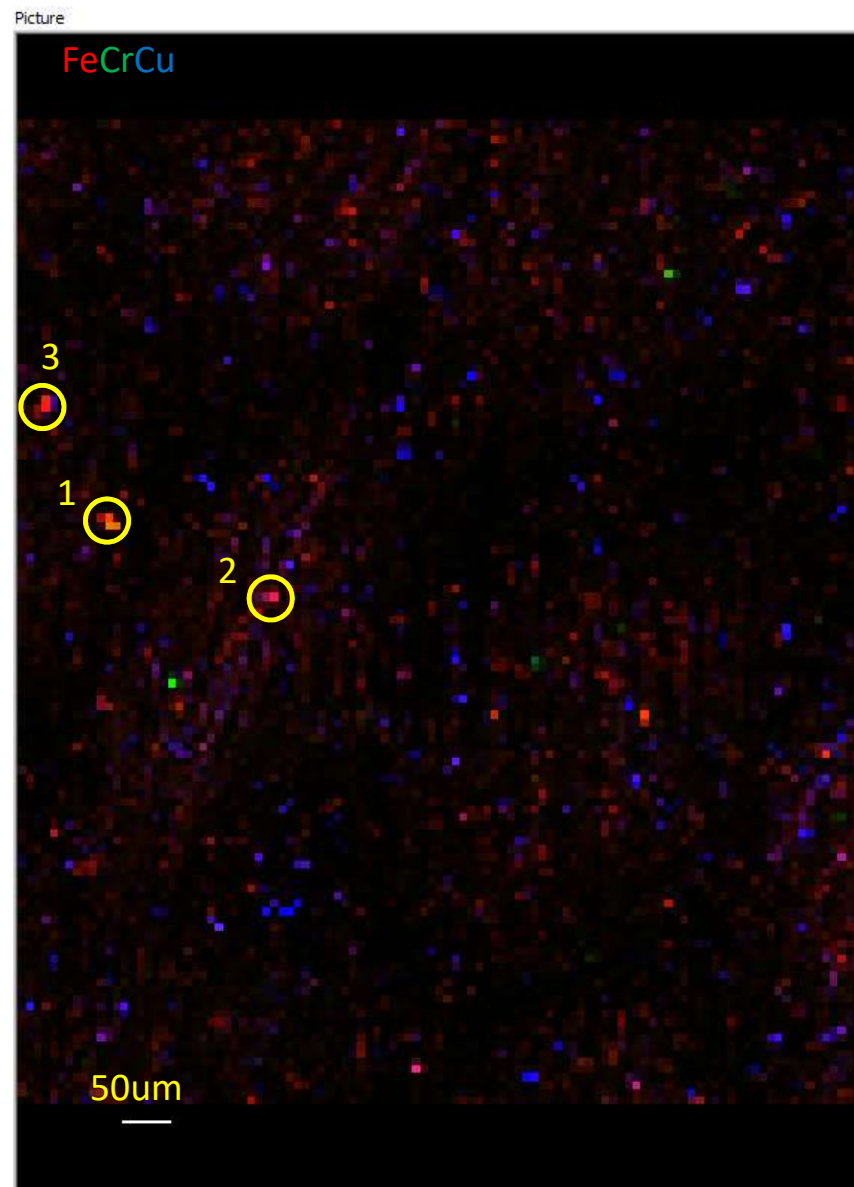
Plate2\_Sample3\_XANES







yellow box indicates  
approximate location of fine  
particle map



yellow circles indicate location of  
Fexanes

Plate2\_Sample4\_XANES

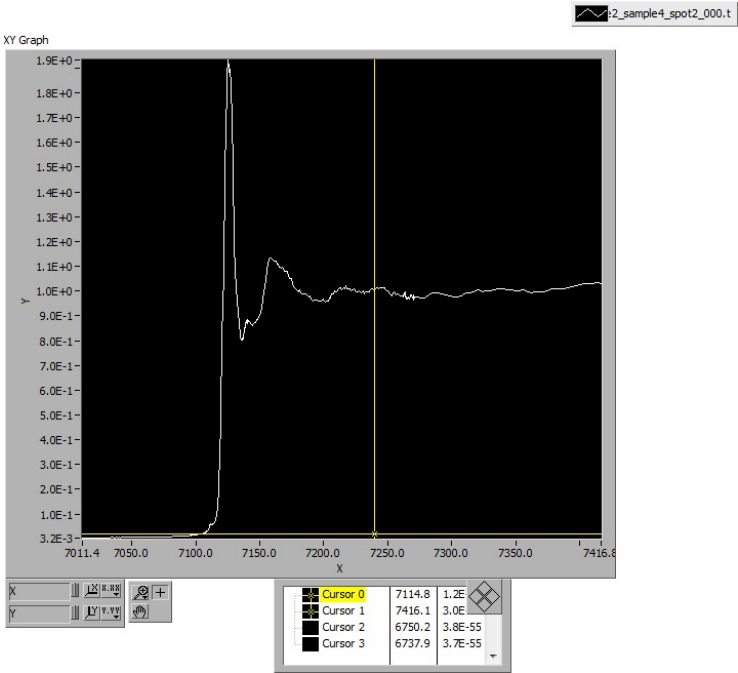
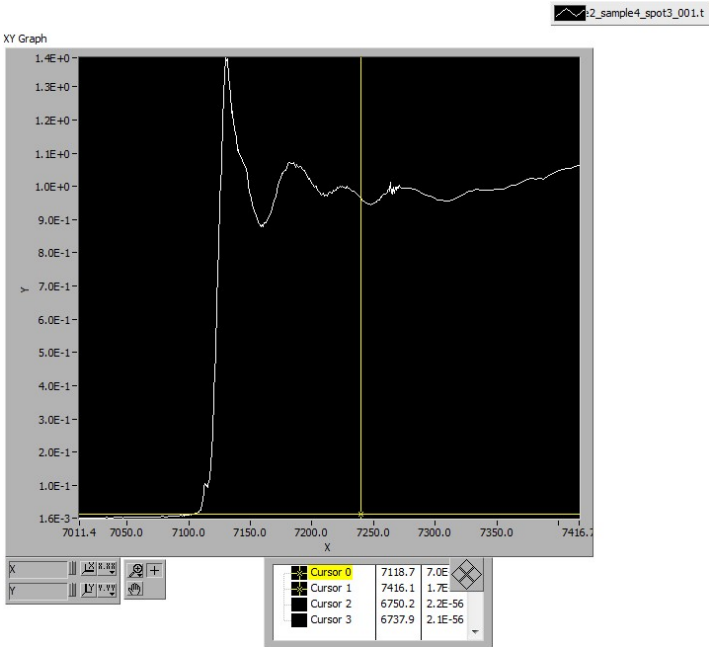
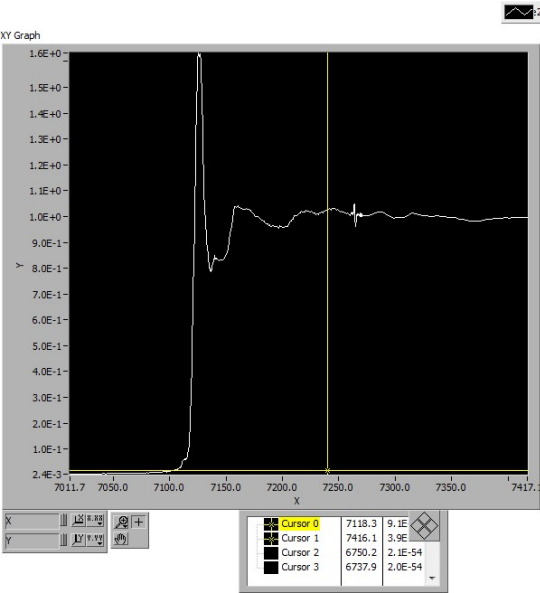




Plate2\_Sample5\_Coarse

Picture



yellow box indicates  
approximate location of fine  
particle map

Picture

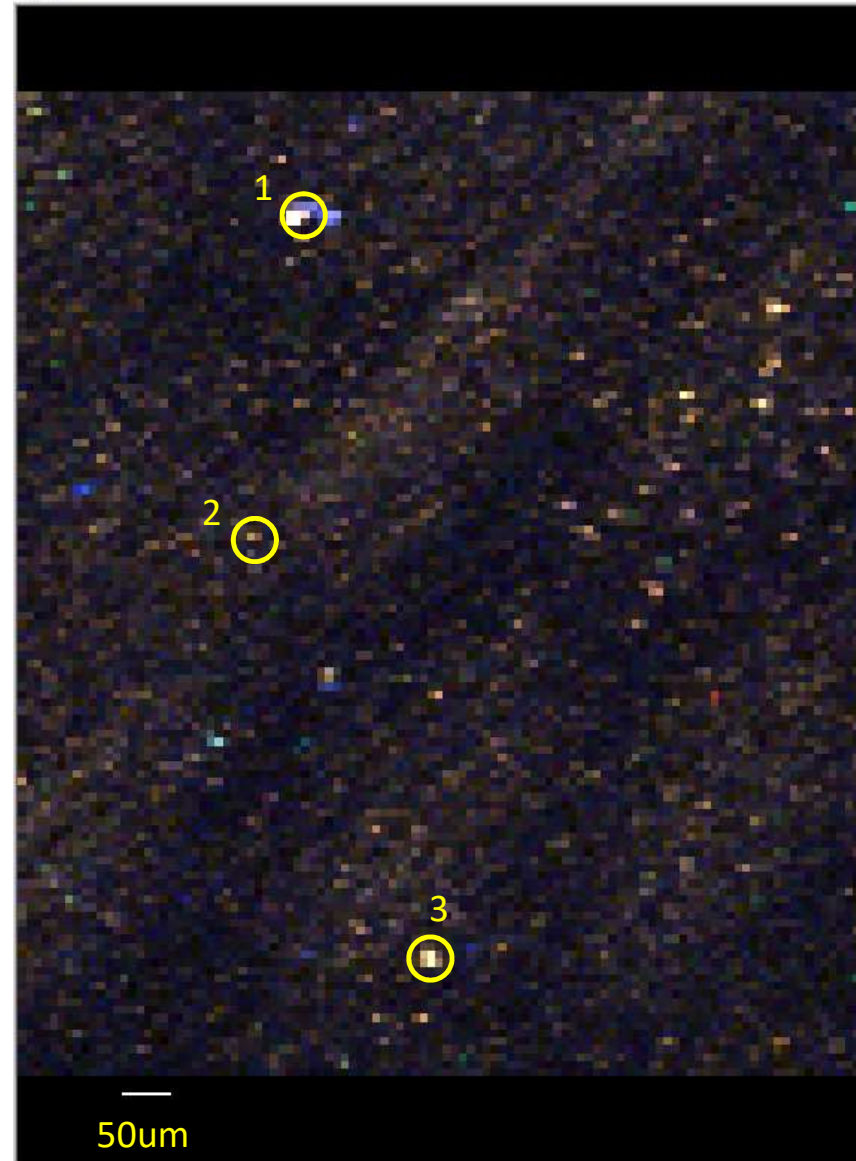


Plate2\_Sample5\_XANES

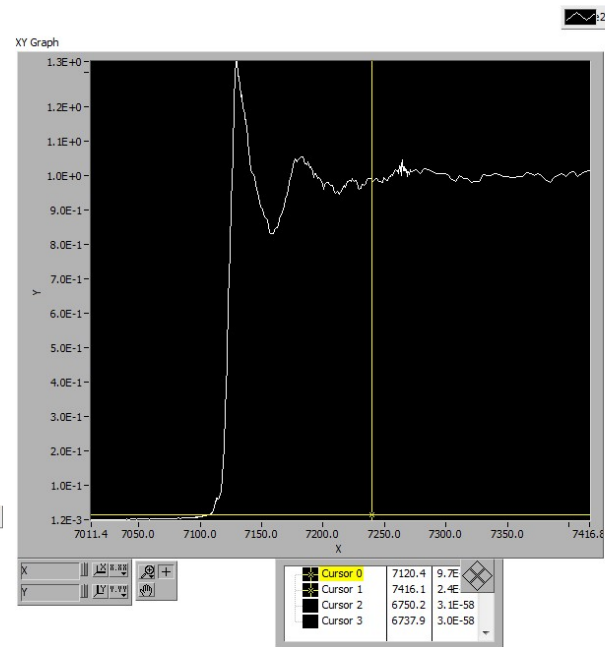
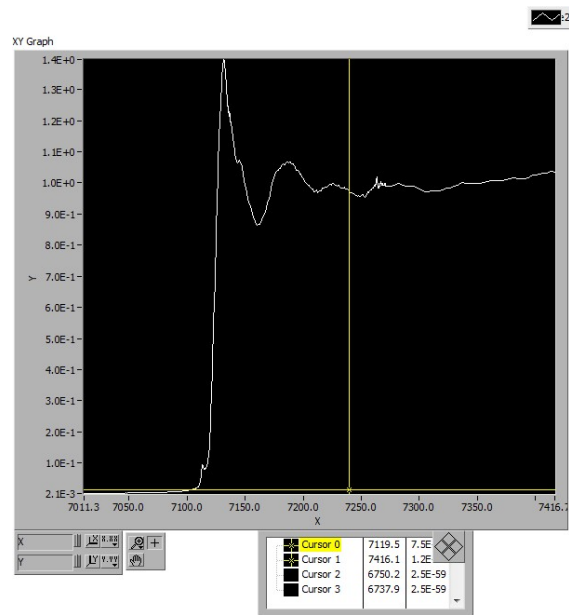
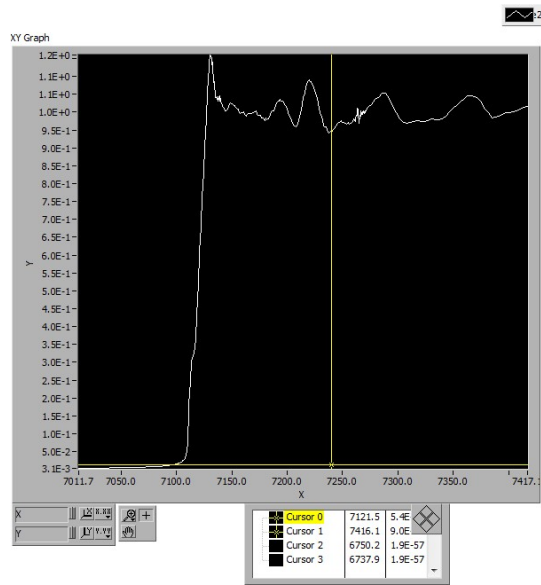
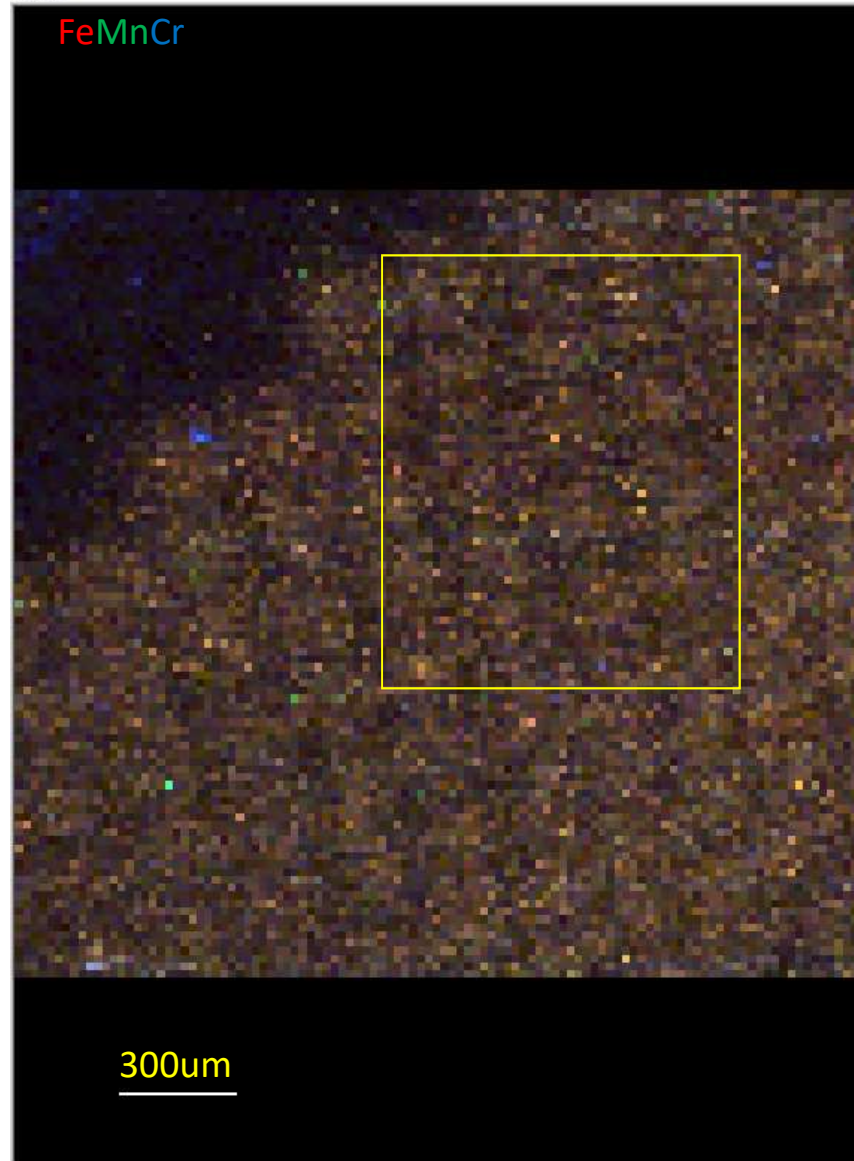


Plate2\_Sample6\_Coarse

Picture

FeMnCr



yellow box indicates  
approximate location of fine  
particle map



yellow circles indicate location of Fexanes



Plate2\_Sample6\_XANES

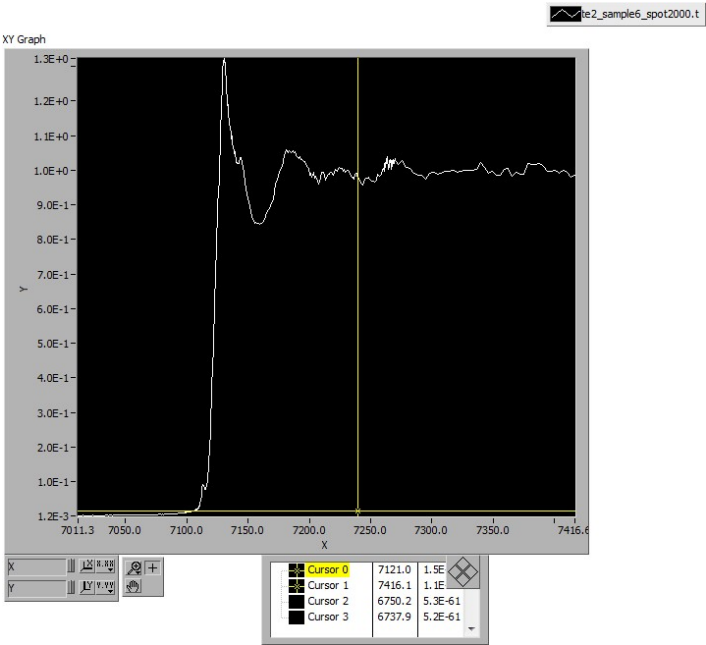
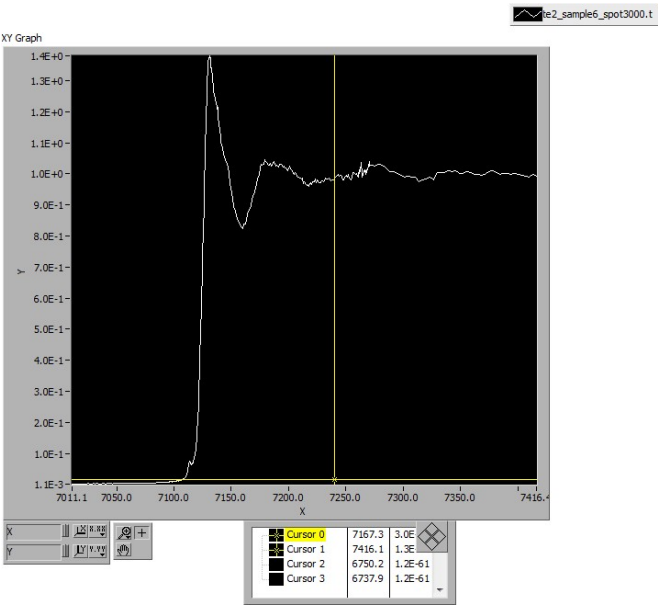
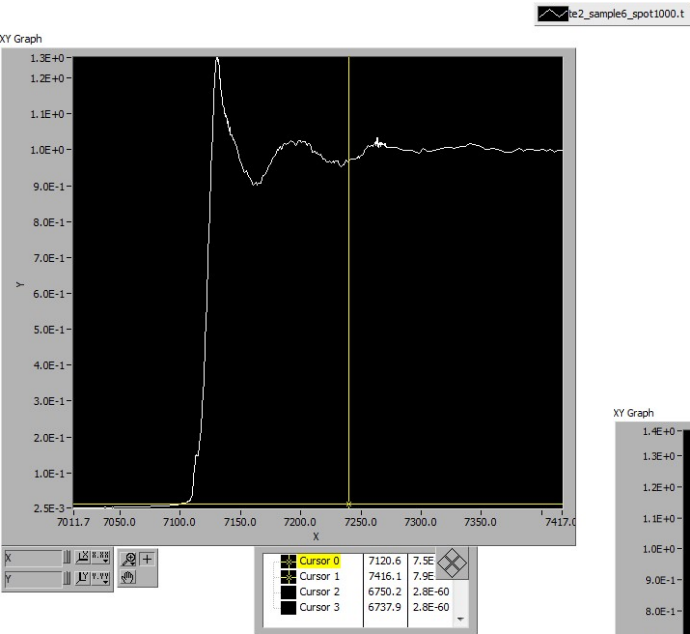
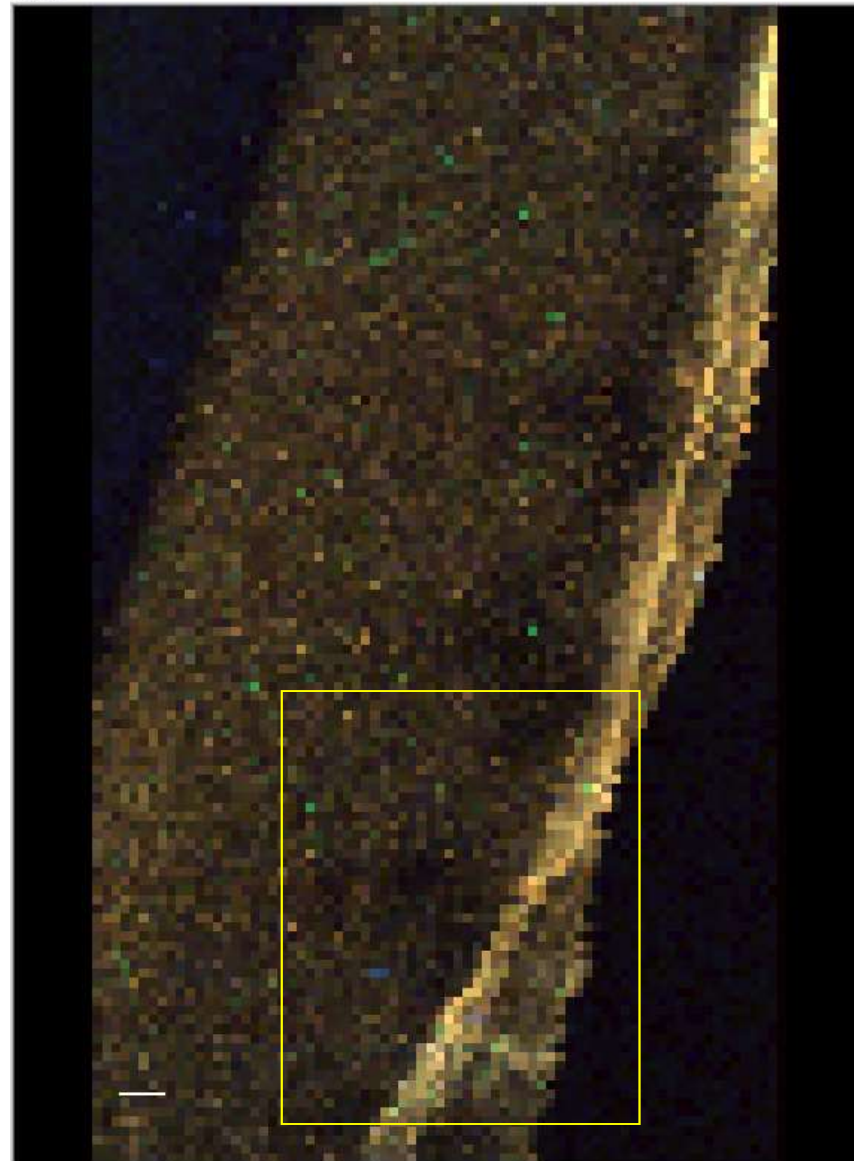


Plate2\_Sample7\_Coarse

Picture



yellow box indicates  
approximate location of fine  
particle map

Plate2\_Sample7\_Fine

Picture

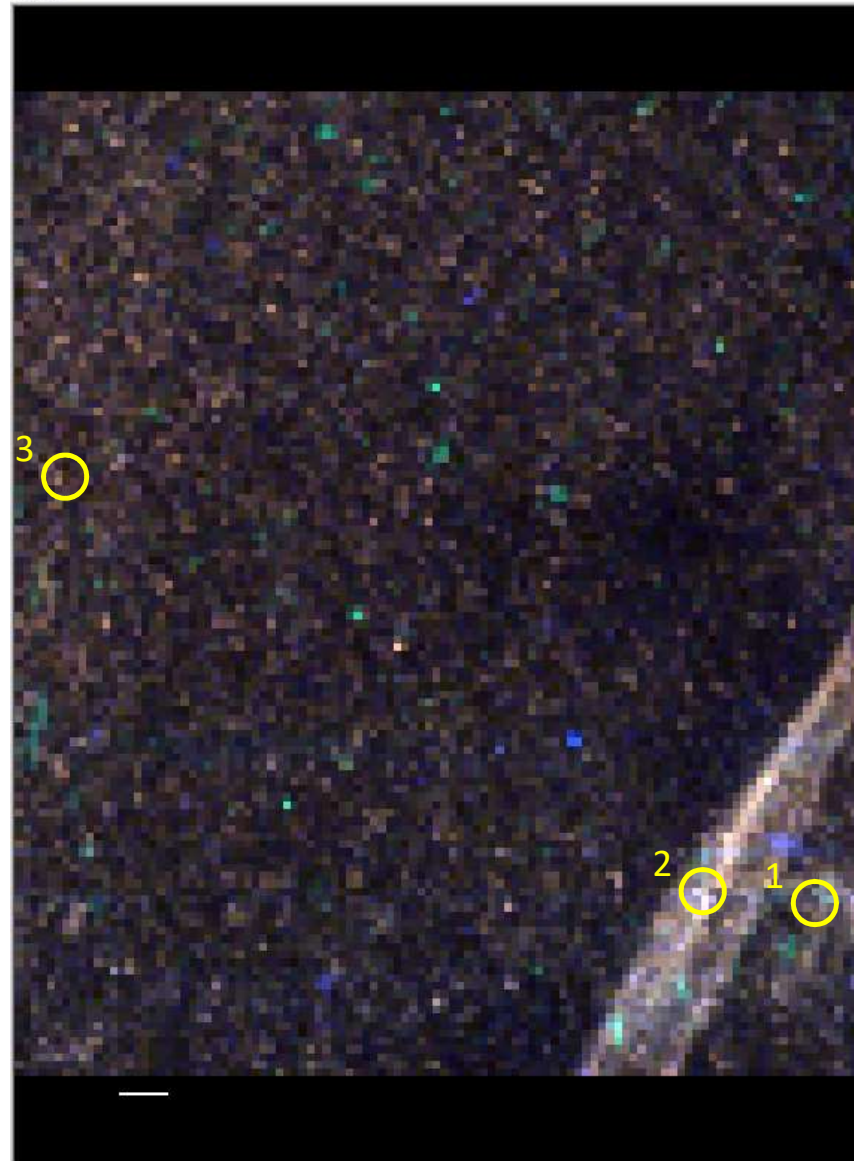
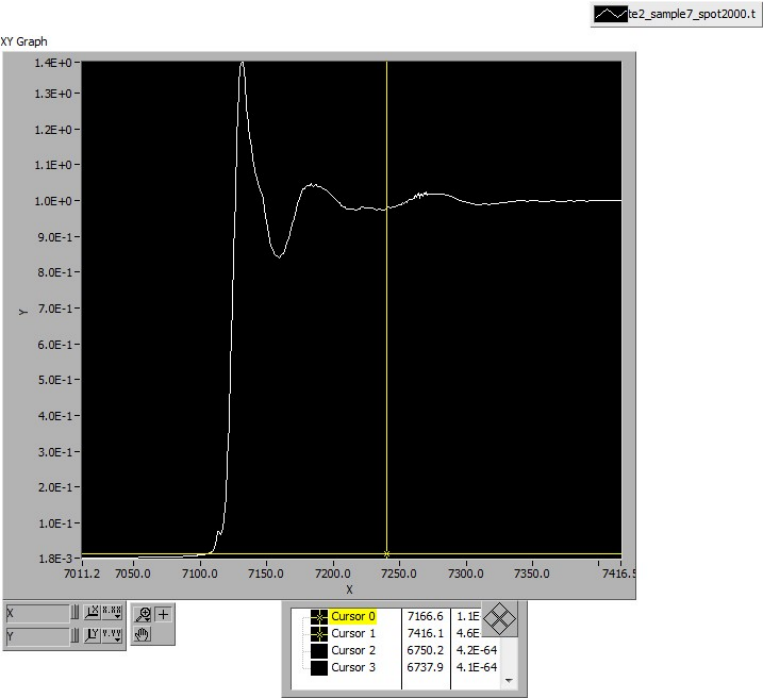
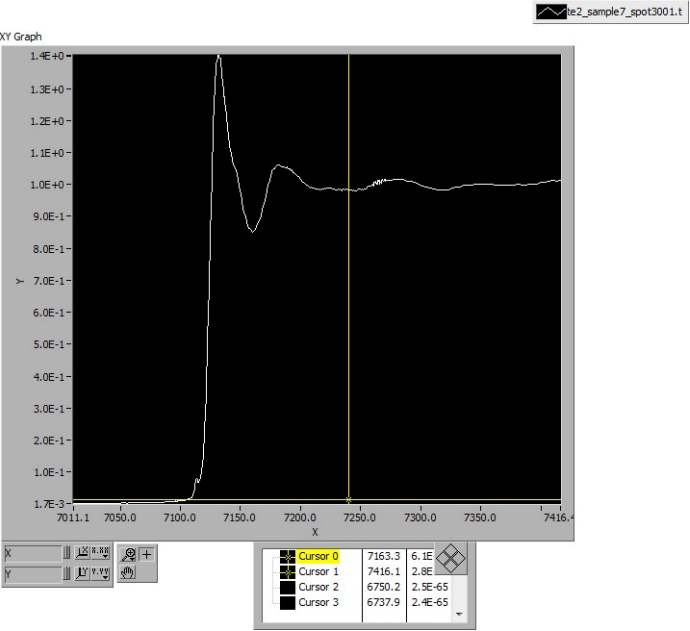
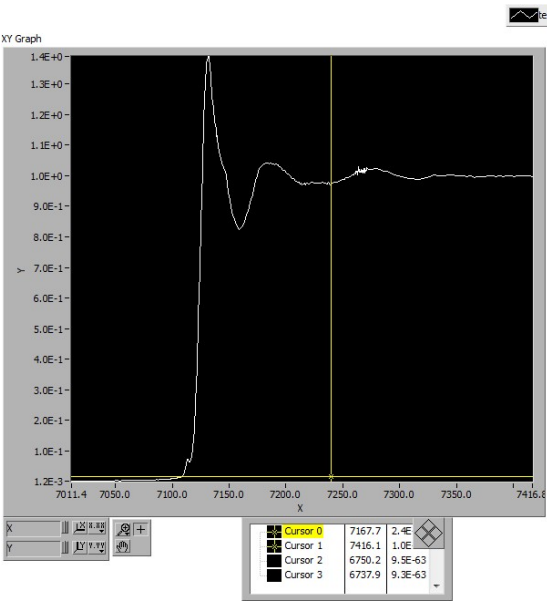
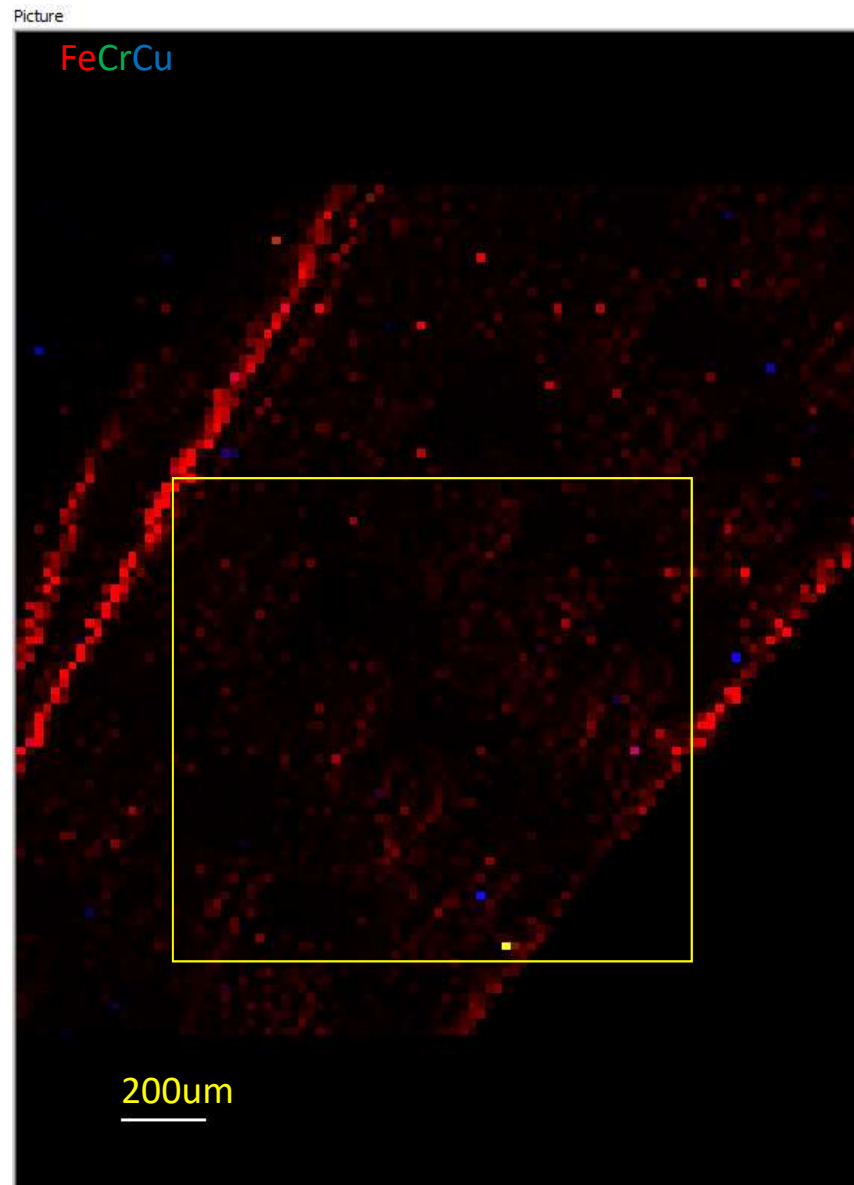


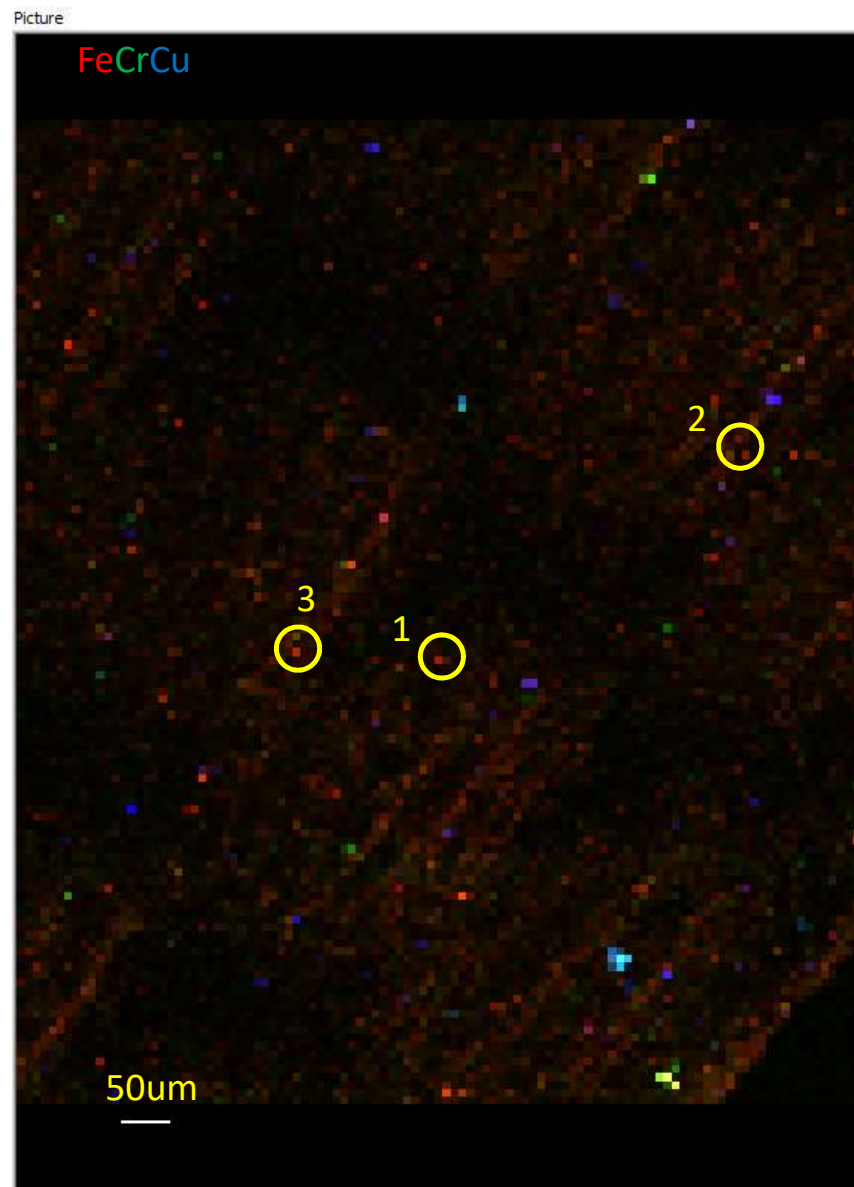


Plate2\_Sample7\_XANES





yellow box indicates  
approximate location of fine  
particle map



yellow circles indicate location of Fexanes

Plate2\_Sample8\_XANES

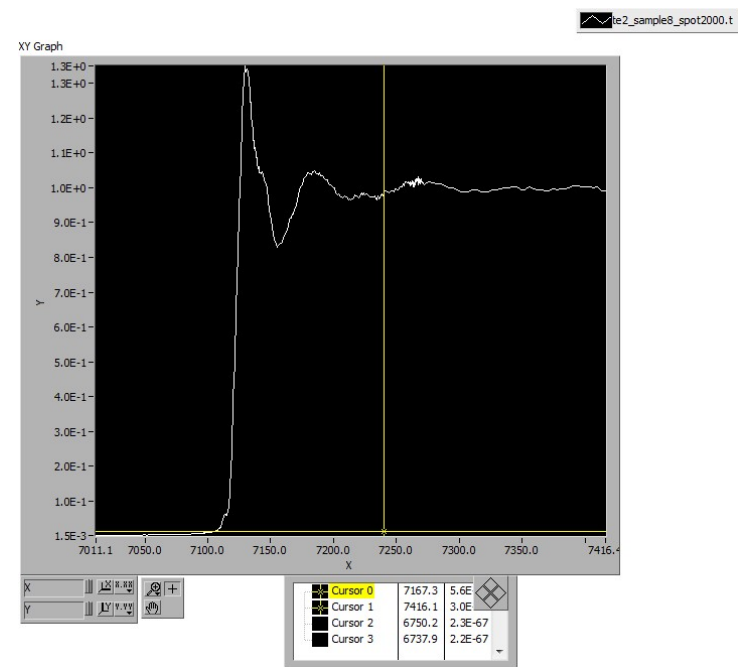
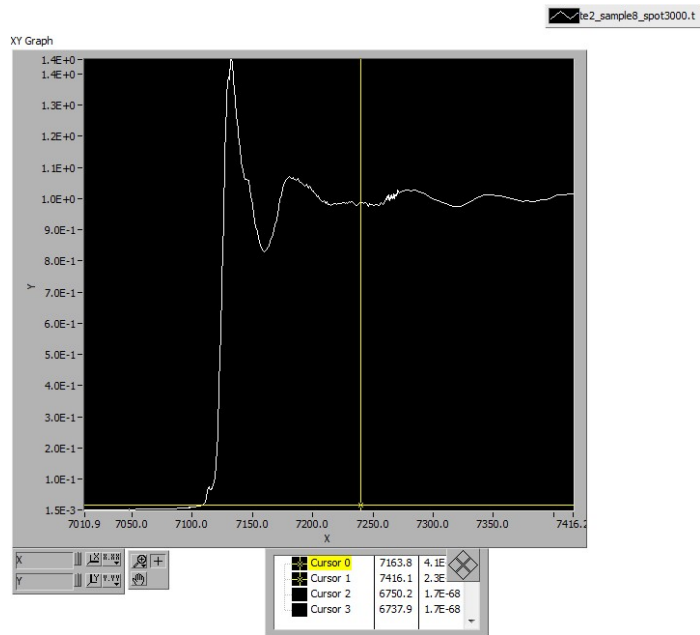
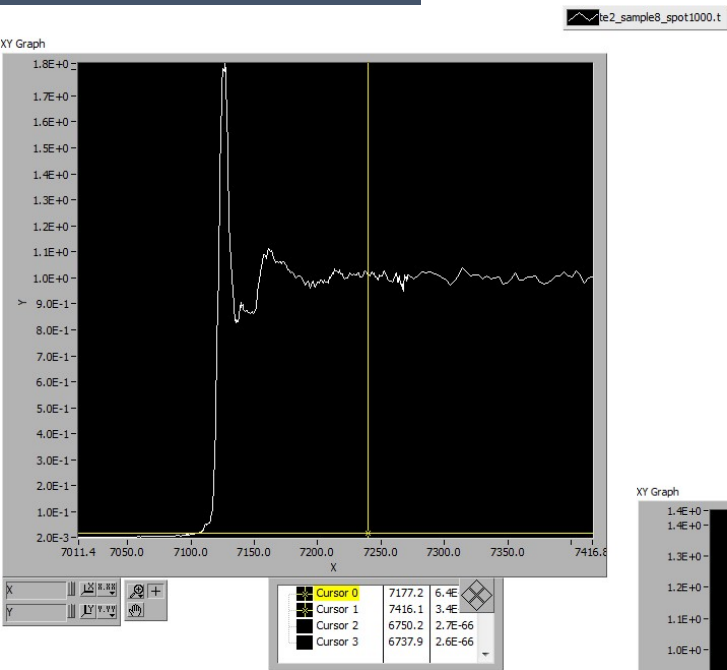
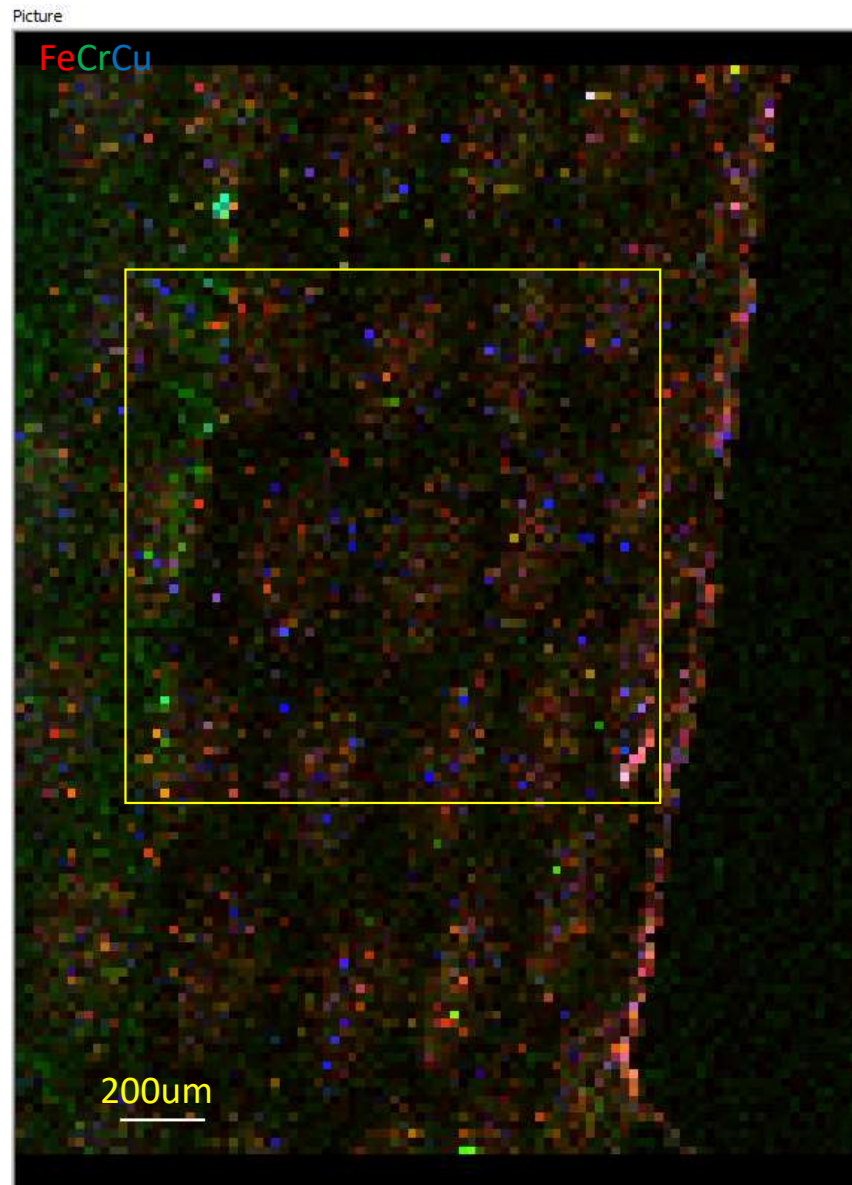
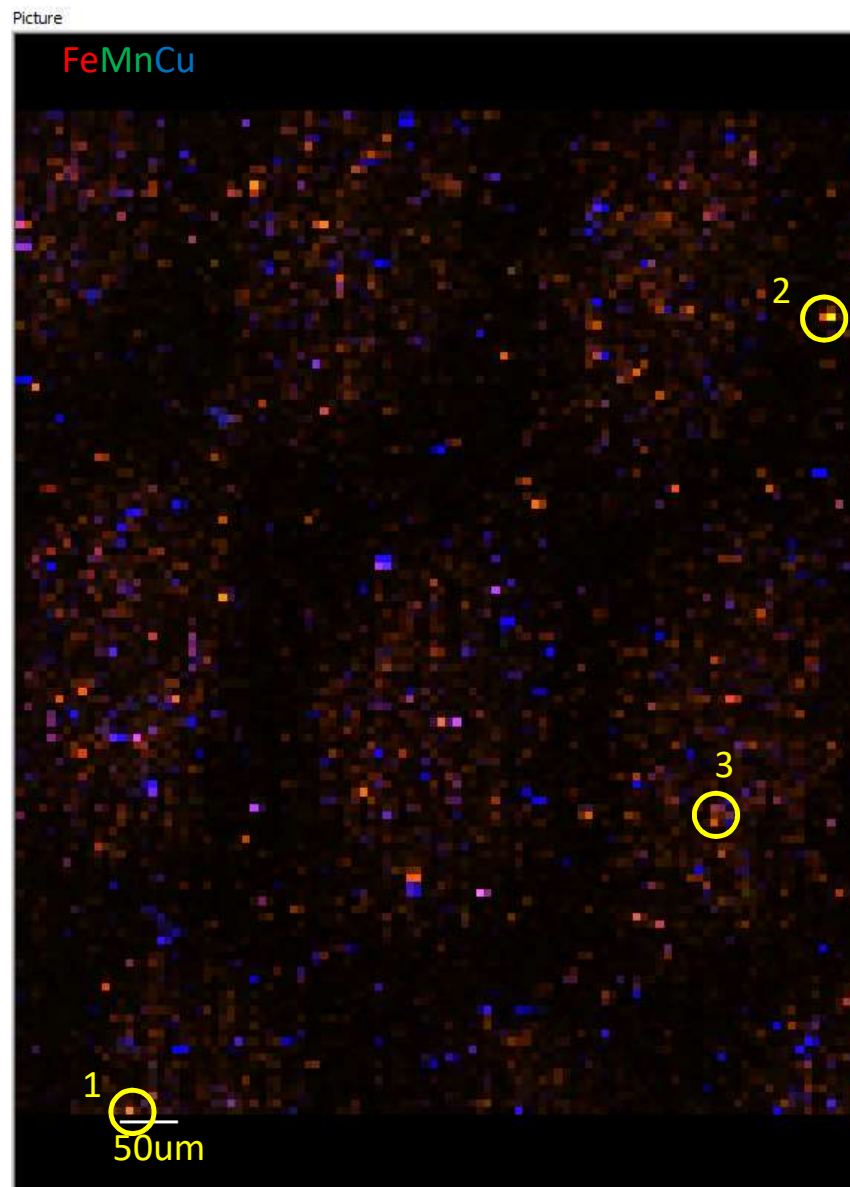


Plate2\_Sample10\_Coarse

No sample 9



yellow box indicates  
approximate location of fine  
particle map



yellow circles indicate location of Fexanes

Plate2\_Sample10\_XANES

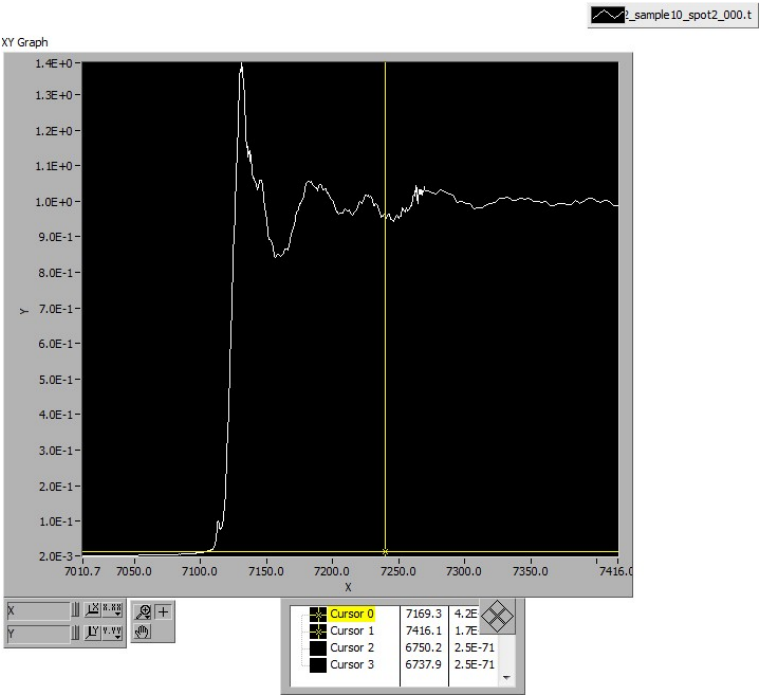
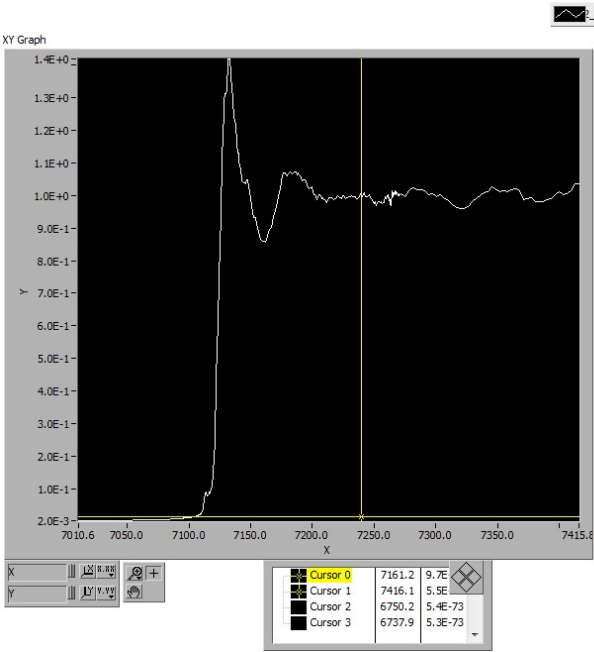
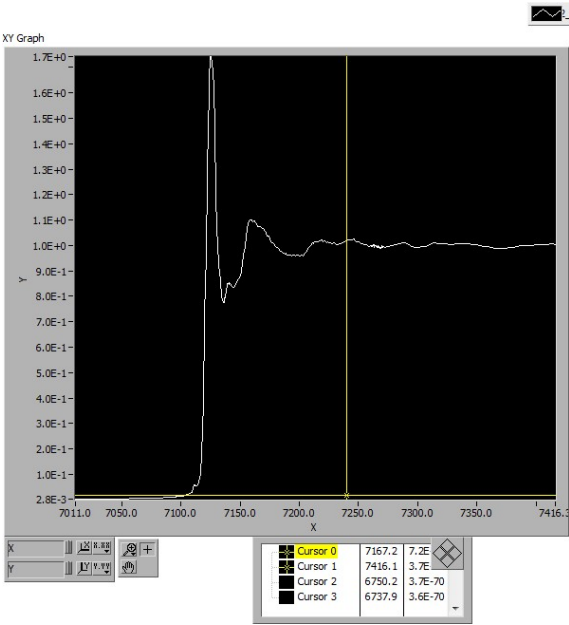
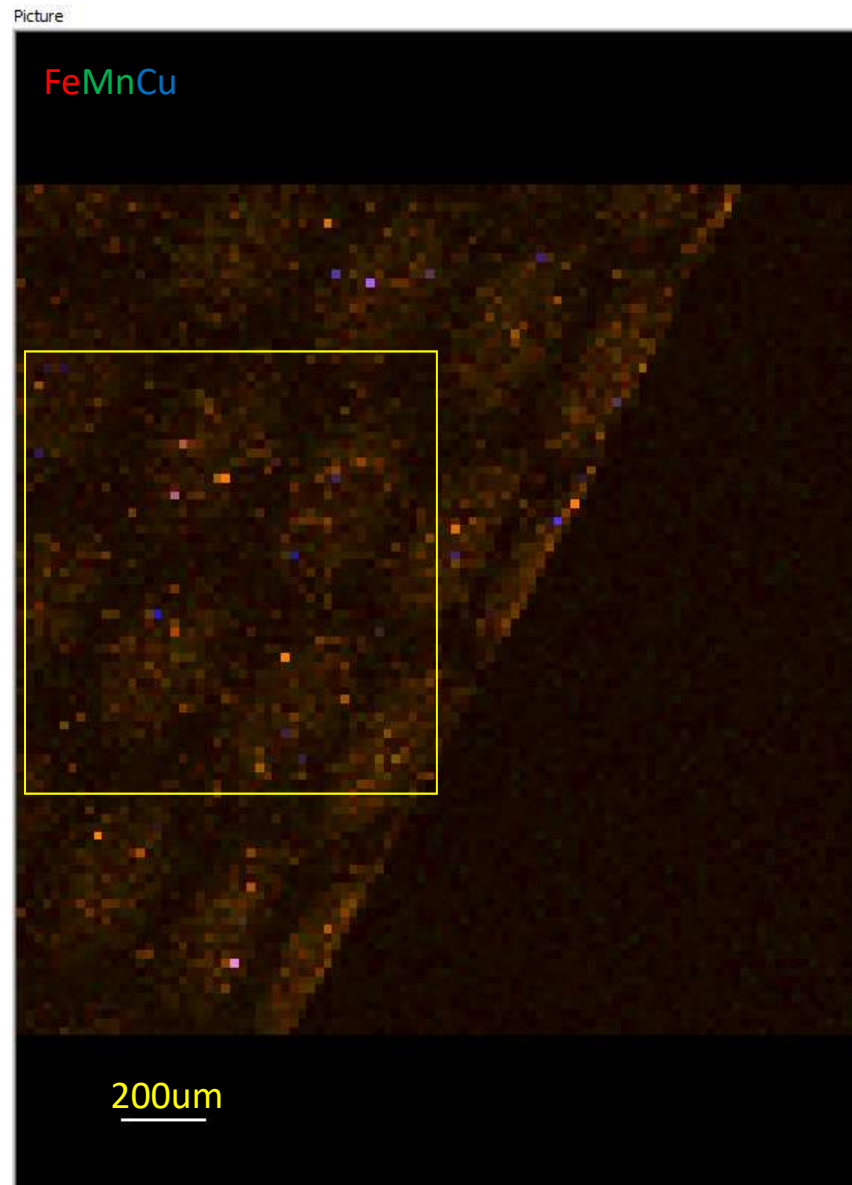


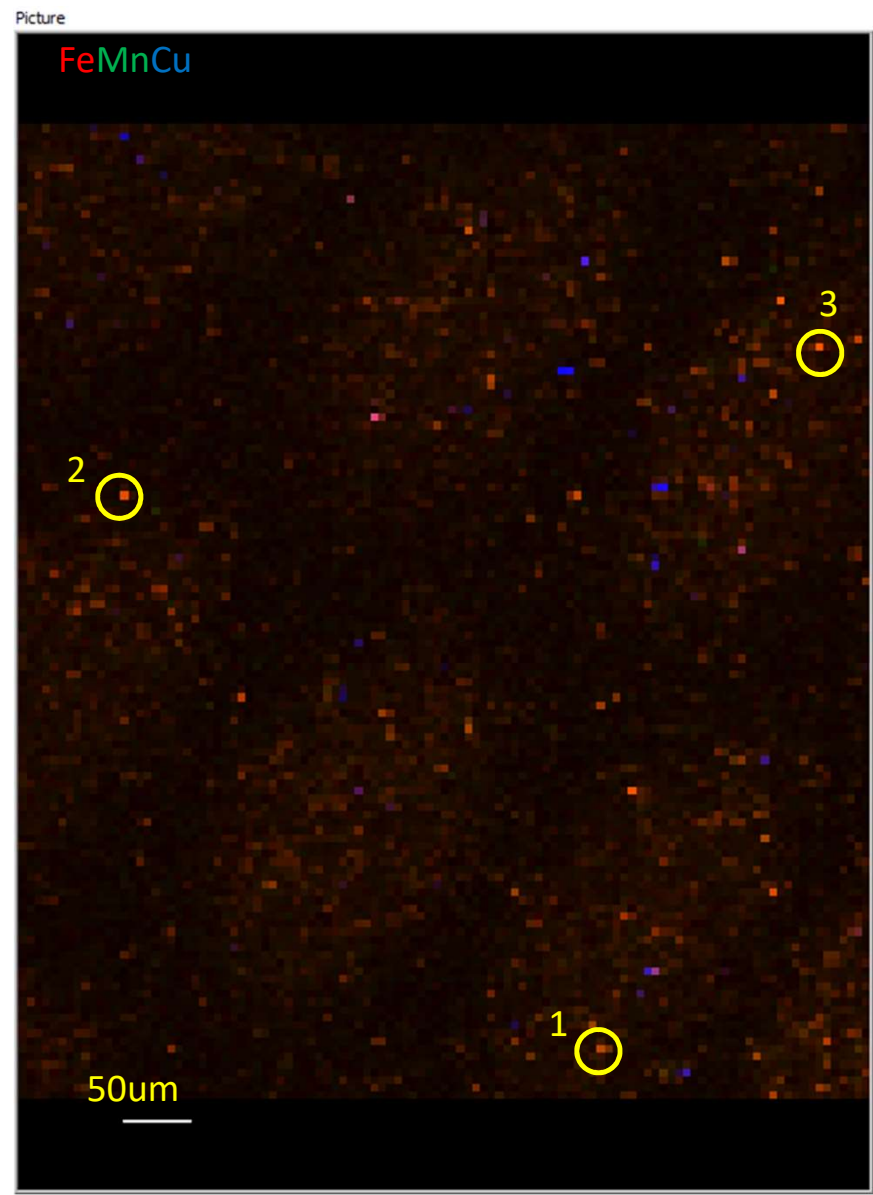


Plate2\_Sample11\_Coarse



yellow box indicates  
approximate location of fine  
particle map





yellow circles indicate location of Fexanes

Plate2\_Sample11\_XANES

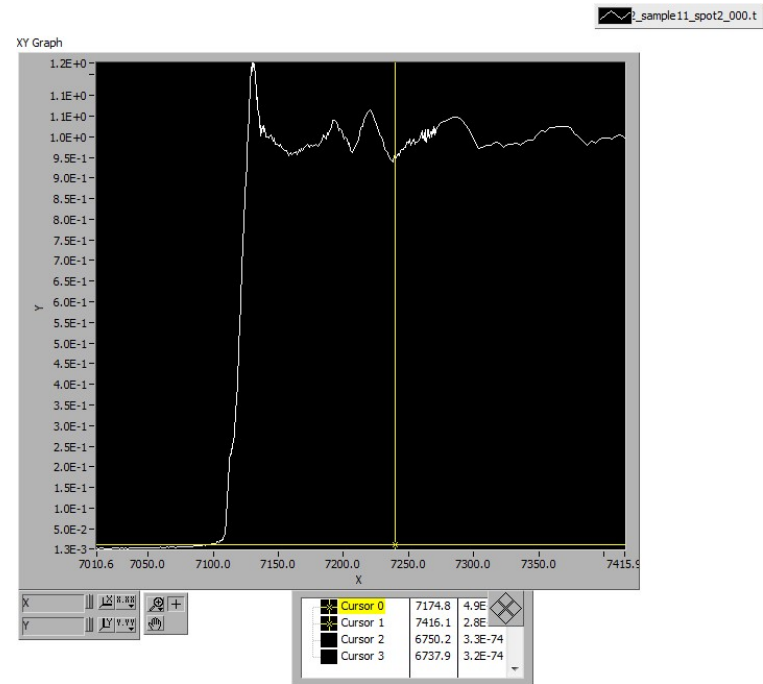
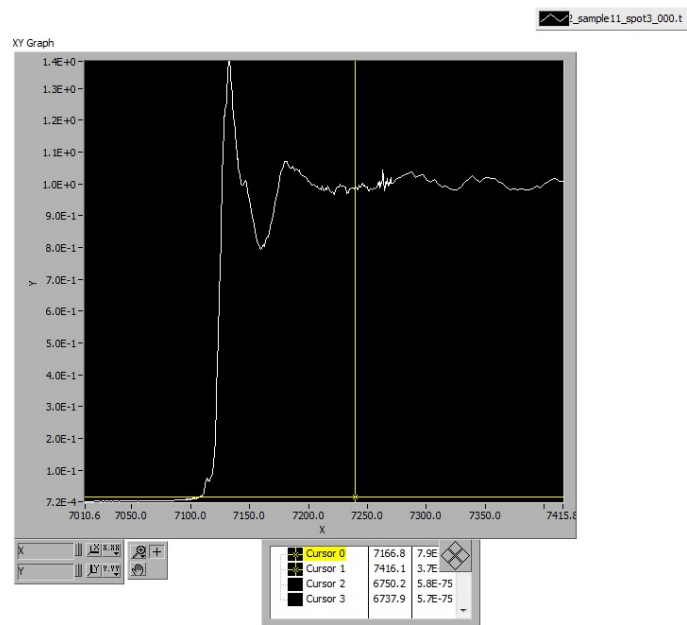
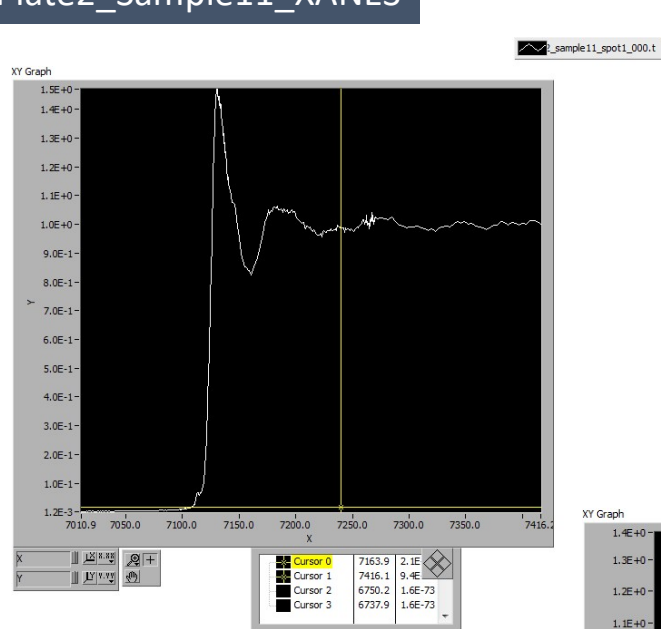
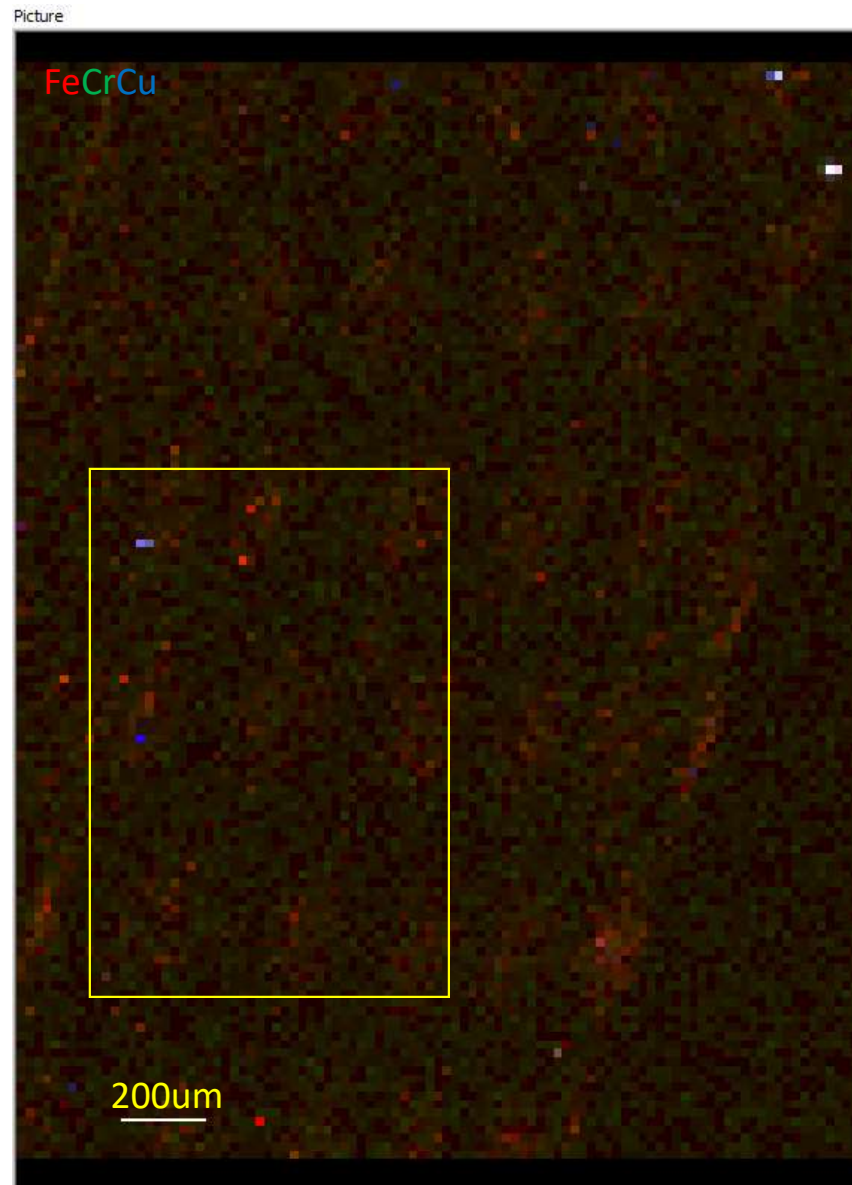


Plate2\_Sample12\_Coarse



yellow box indicates  
approximate location of fine  
particle map

Plate2\_Sample12\_Fine

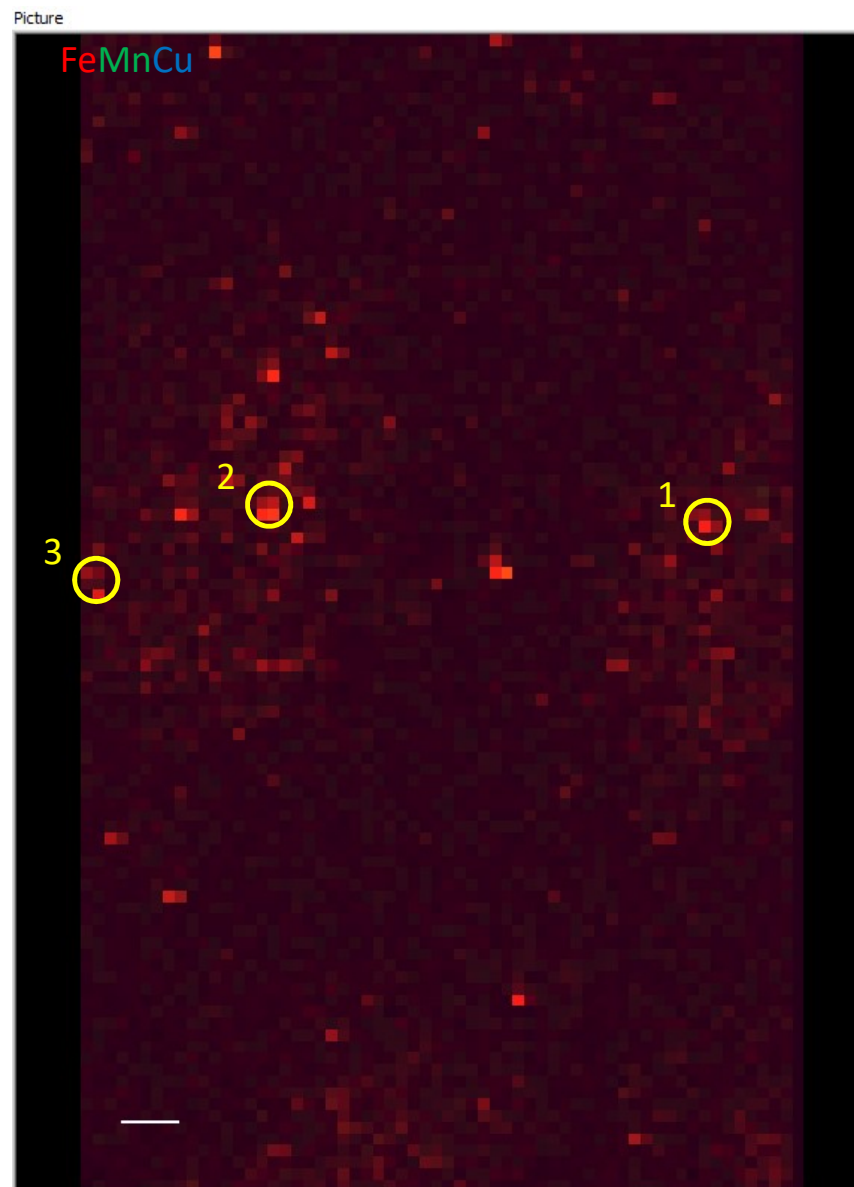
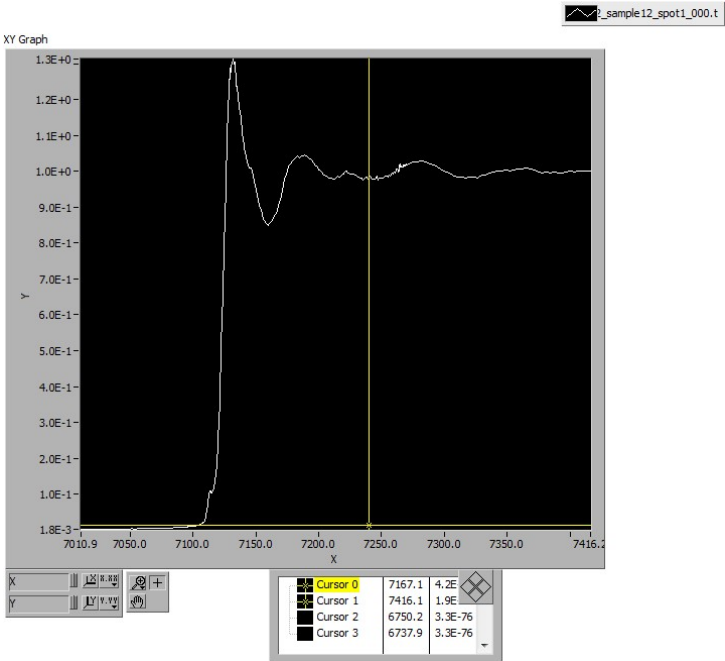
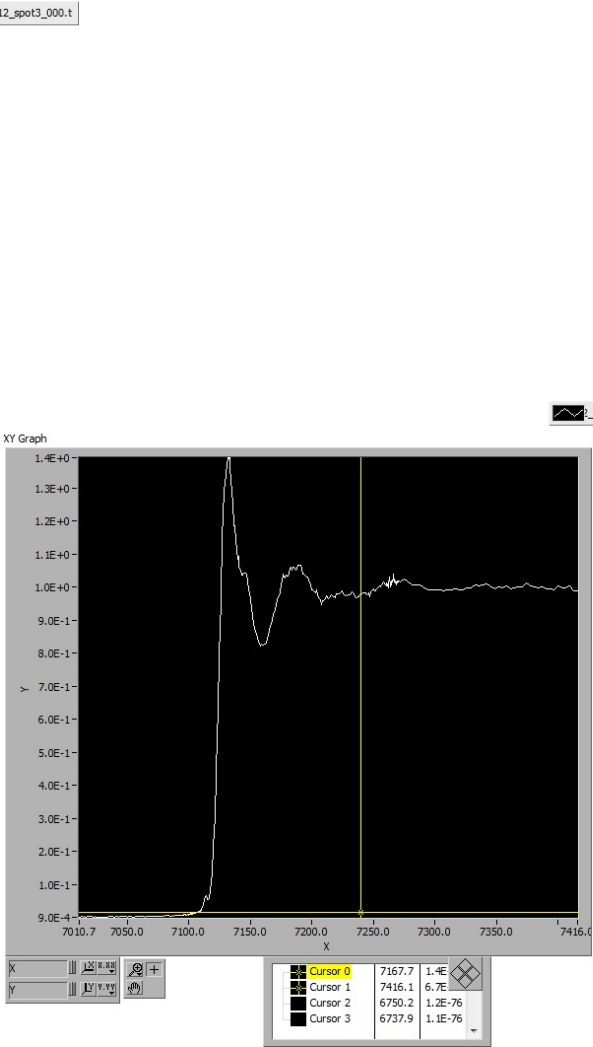
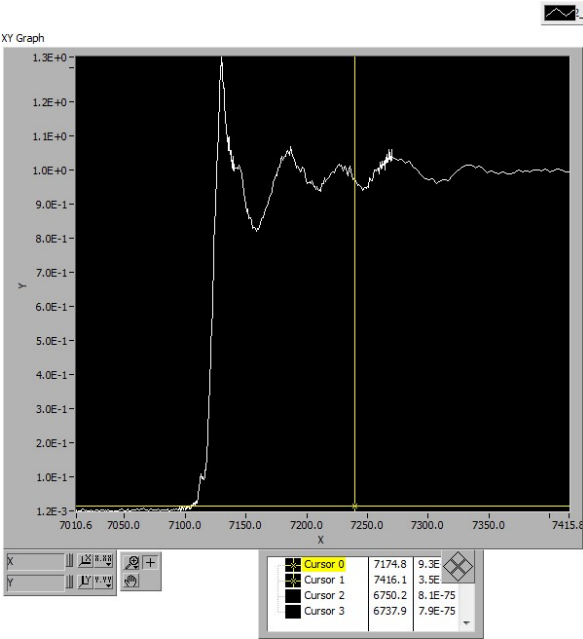


Plate2\_Sample12\_XANES

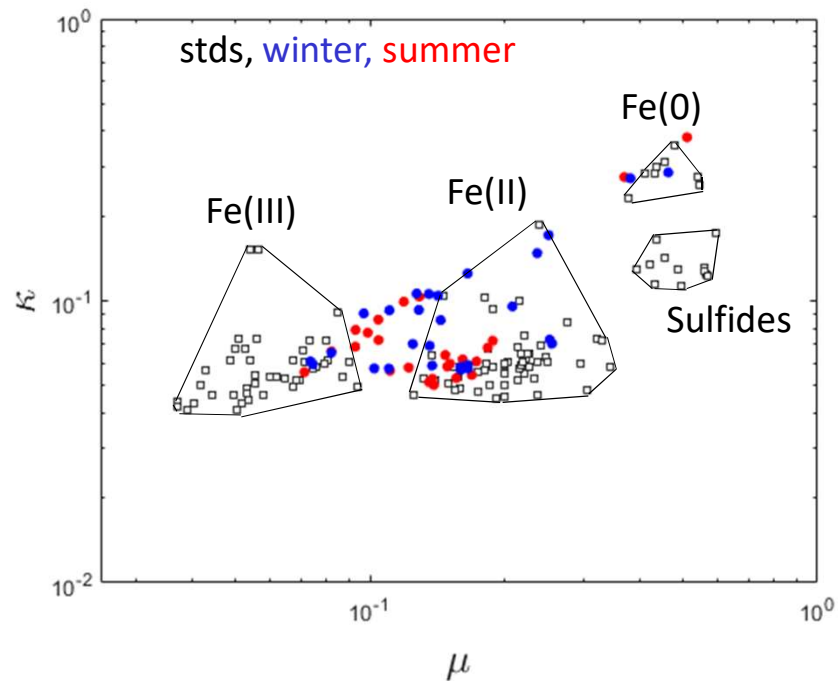


## Fe valence plot with data as of 03/02/2018 - by season

summer: plate1: 7,8,9; plate2:1,2,3,10,11,12,7,8 (*Plate2 11 and 12 are not in the valence plot as not processed yet*)

winter: plate1: 4,5,6,10,11,12; plate2: 4,5,6

Stds\_blackempty\_summer\_fullredcircles\_winter\_fullbluecircles\_.bmp



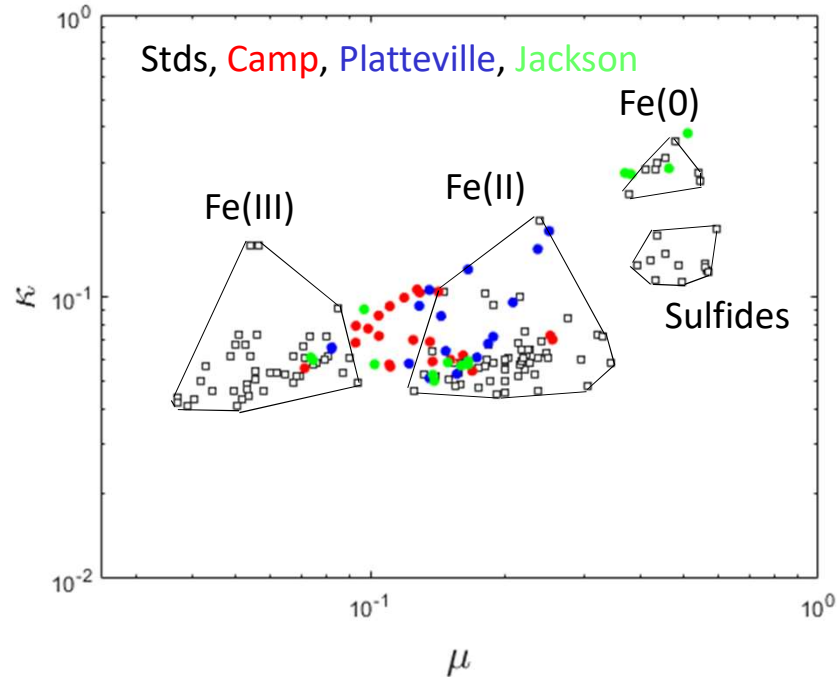
## Fe valence plot with data as of 03/02/2018 - by site location

Camp: Plate2: 2,10,7,4;Plate1:7,10,4

Platteville: Plate2: 3,11,8,6 ; Plate1:8,12,6

Jackson: Plate2:1,12,5; Plate1: 9,11,5

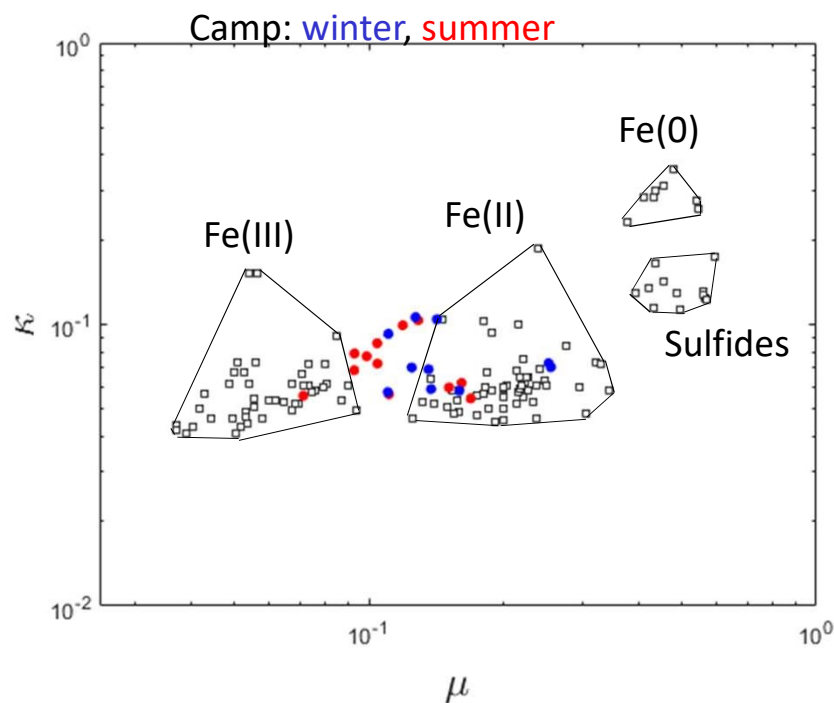
Stds\_black\_Camp\_red\_Platteville\_blue\_Jackson\_green.bmp



*Plate2 11 and 12 are not in the valence plot as not processed yet*

Fe valence plot with data as of 03/02/2018 - by site location + season

Stds\_black\_Camp\_summer\_red\_winter\_blue.bmp



Stds\_black\_Platteville\_summer\_red\_winter\_blue.bmp

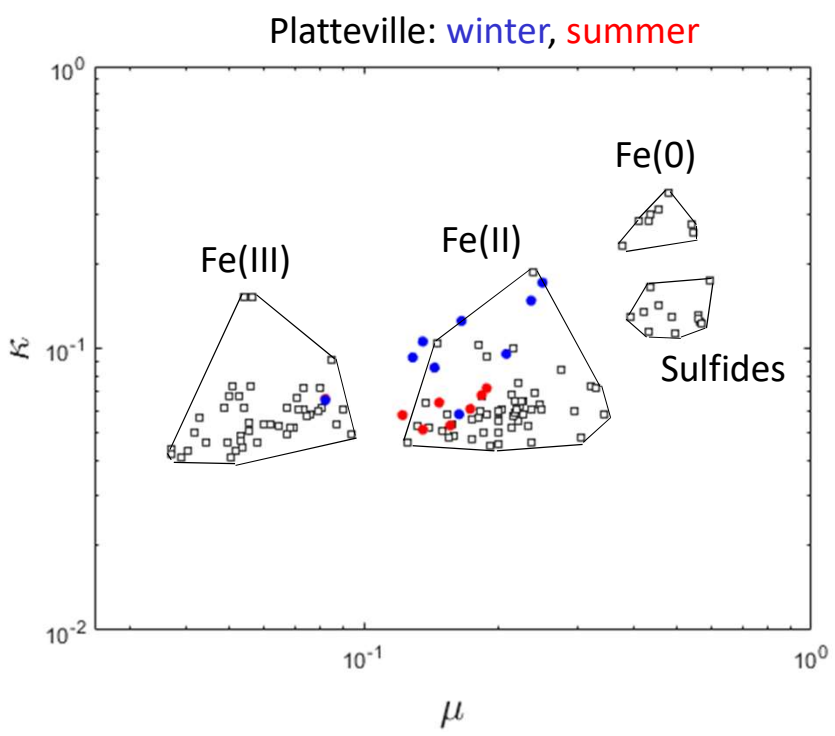
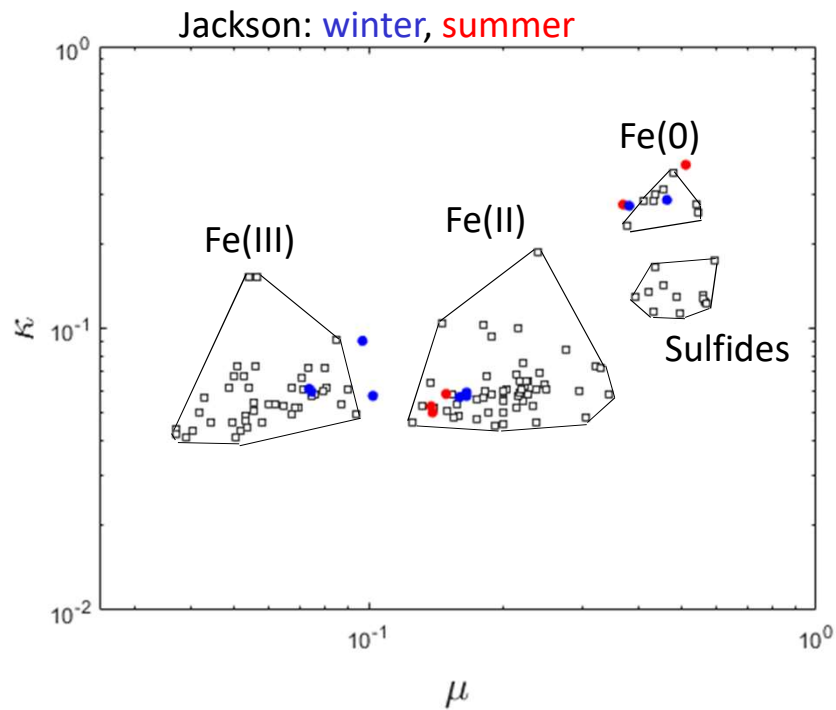


Plate2 11and 12 are not in the valence plot as not processed yet



Fe valence plot with data as of 03/02/2018 - by site location + season

Stds\_black\_Jackson\_summer\_red\_winter\_blue.bmp



*Plate2 11and 12 are not in the valence plot as not processed yet*

Plate3

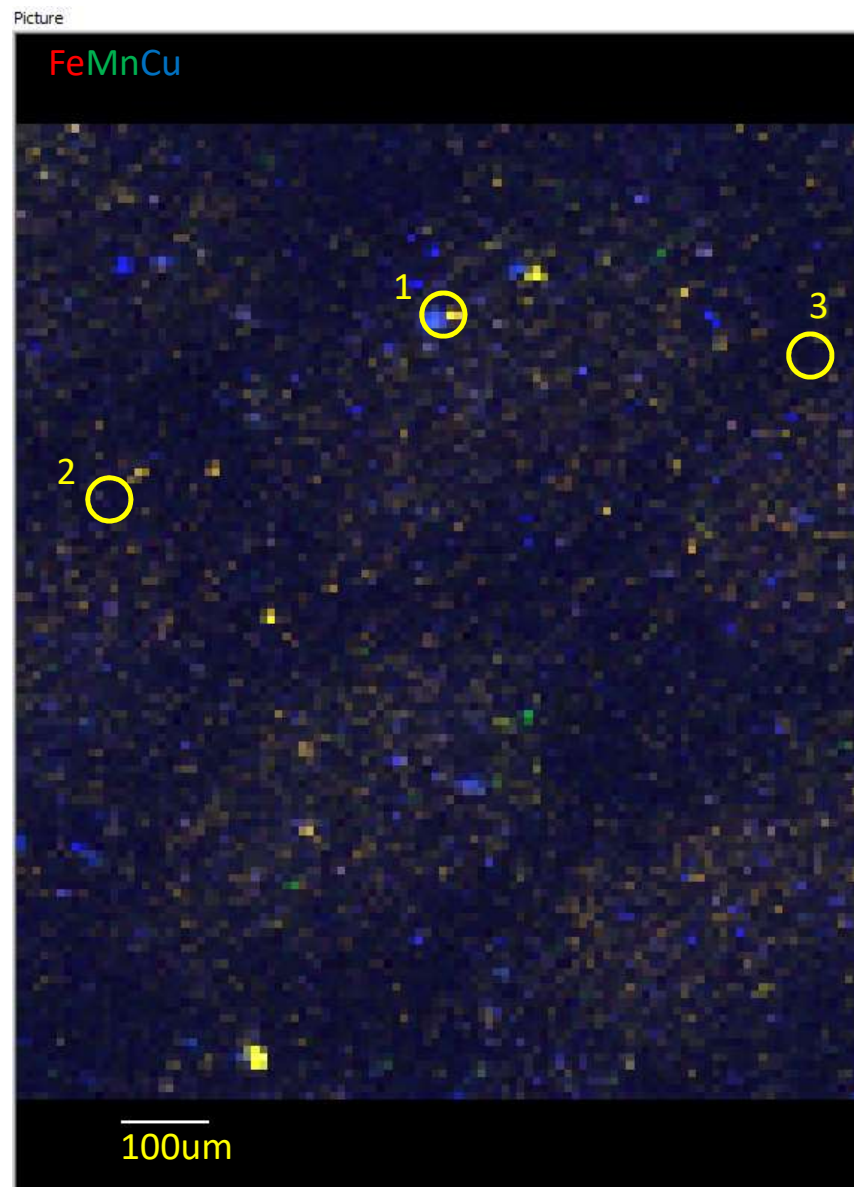


Plate3\_Sample1\_Coarse

Picture



yellow box indicates  
approximate location of fine  
particle map



yellow circles indicate location of Fexanes

Plate3\_Sample1\_XANES

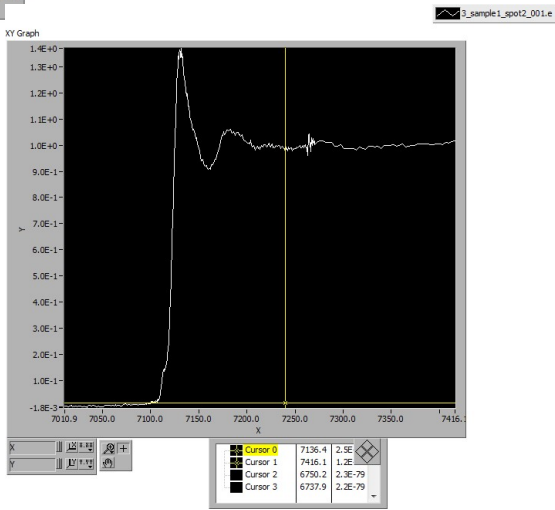
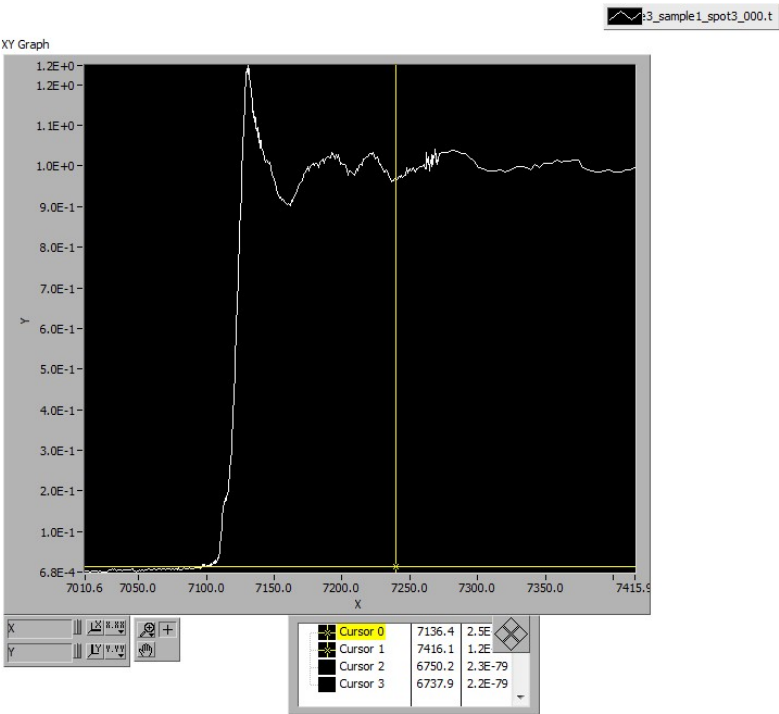
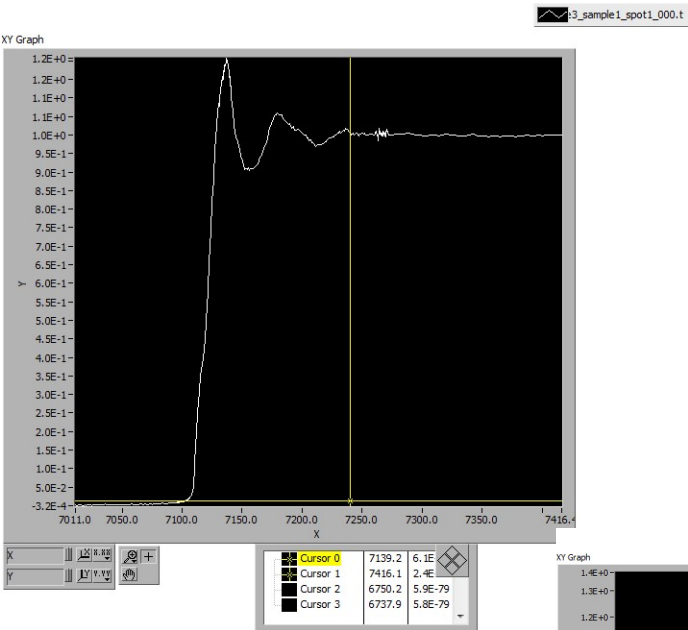


Plate3\_Sample2\_Coarse





Plate3\_Sample2\_Fine

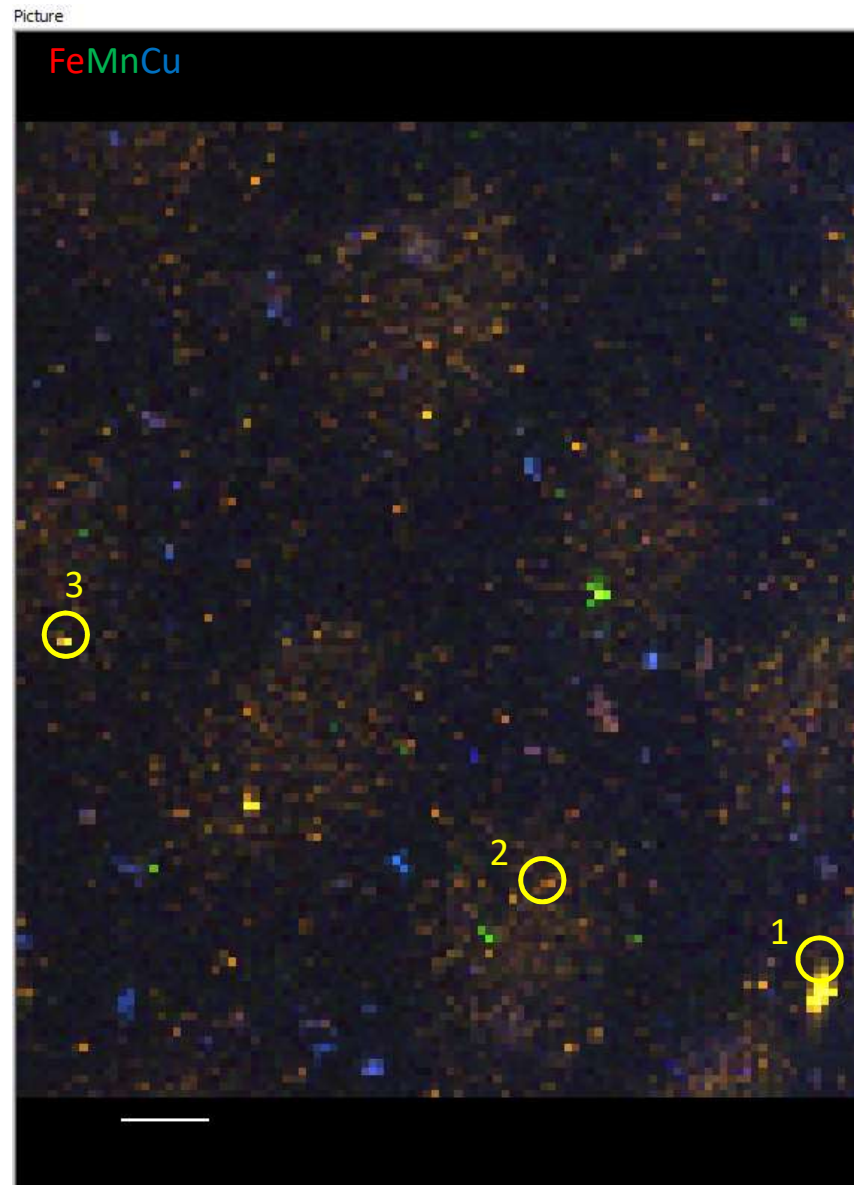




Plate3\_Sample2\_XANES

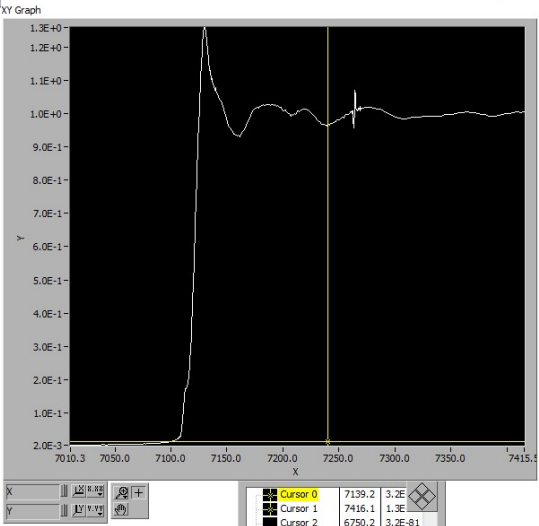
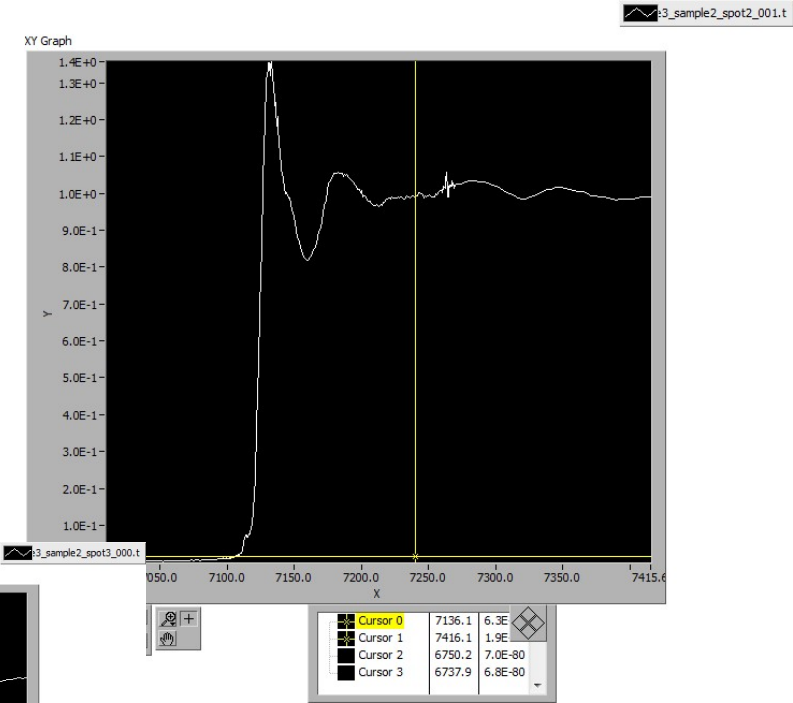
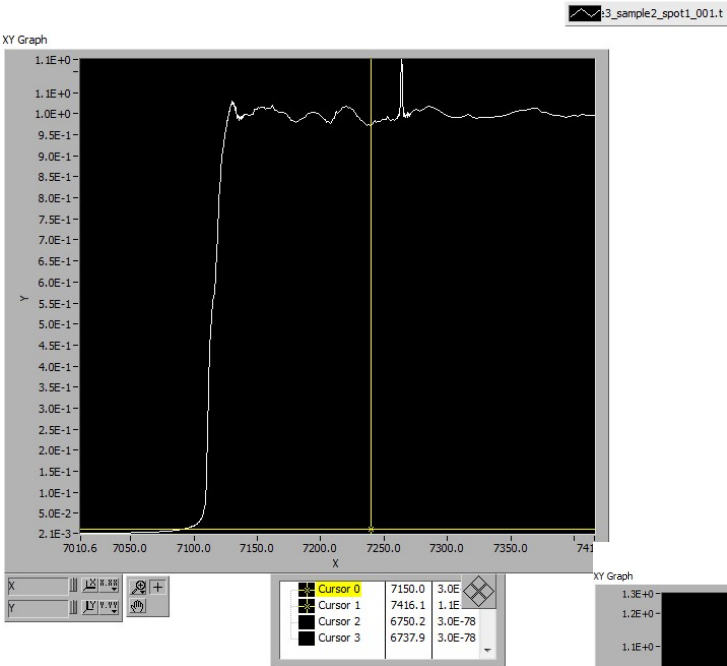
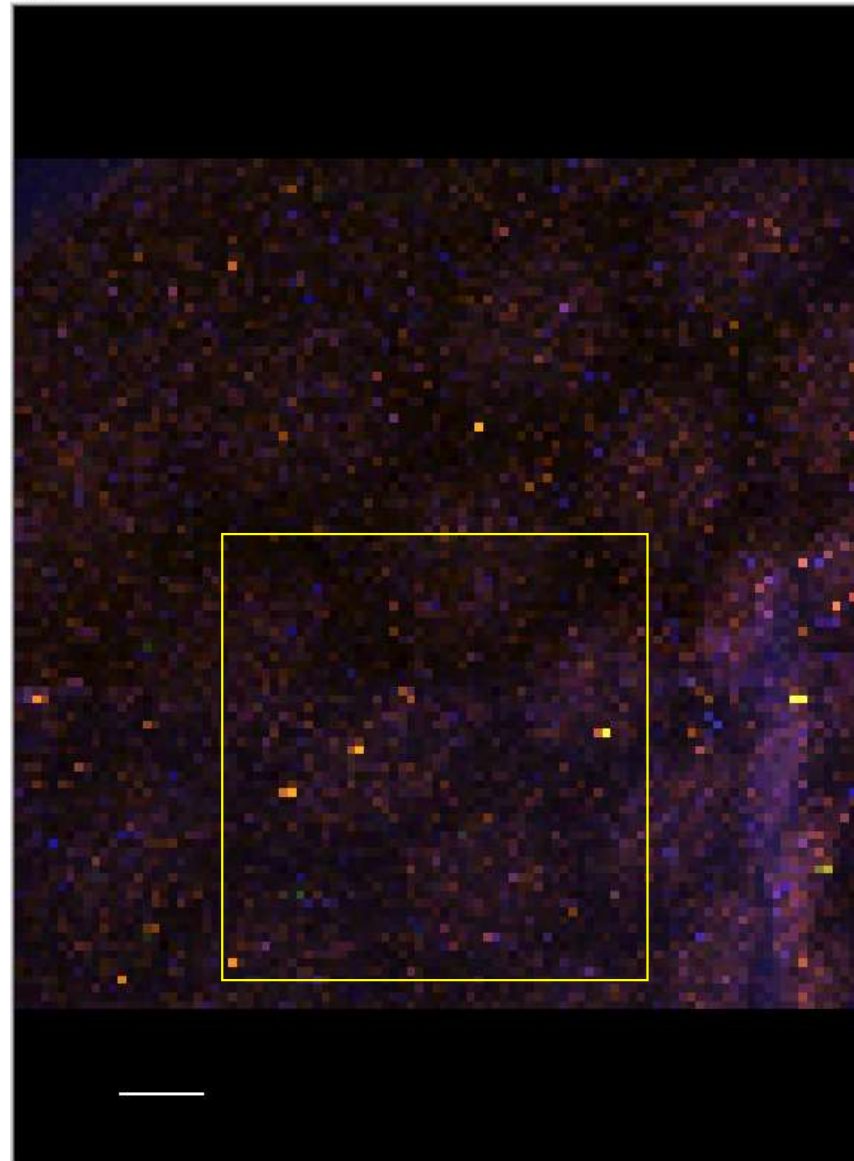


Plate3\_Sample3\_Coarse

Picture



Picture

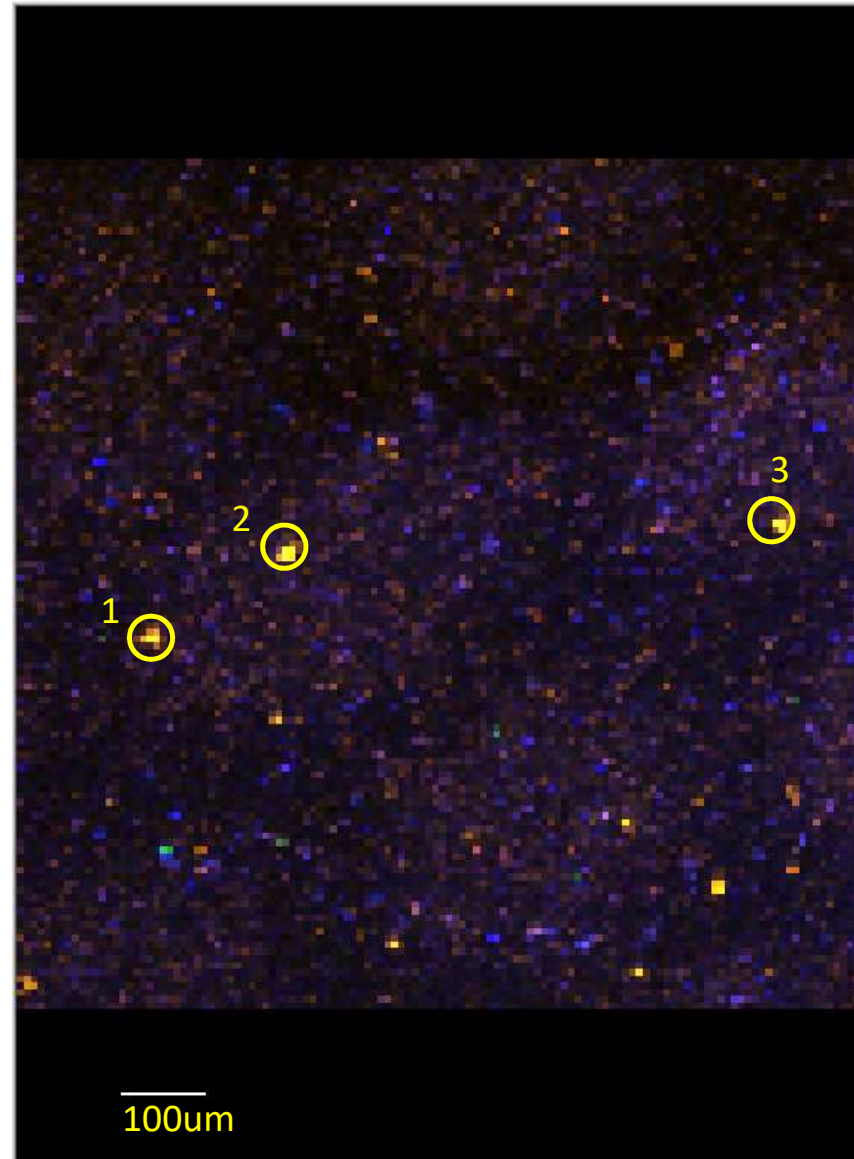


Plate3\_Sample3\_XANES

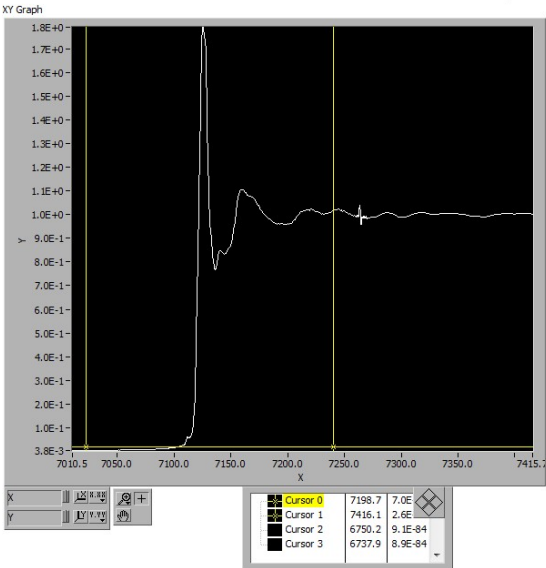
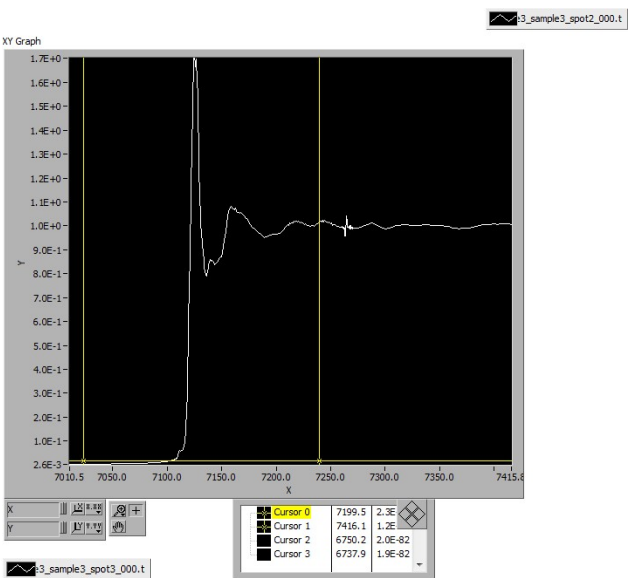
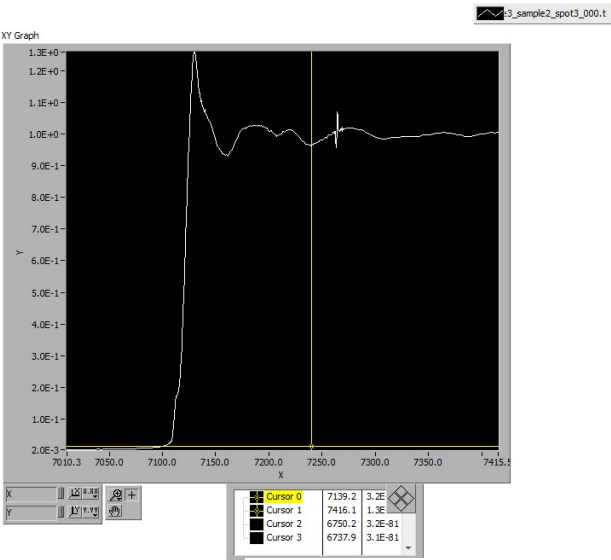
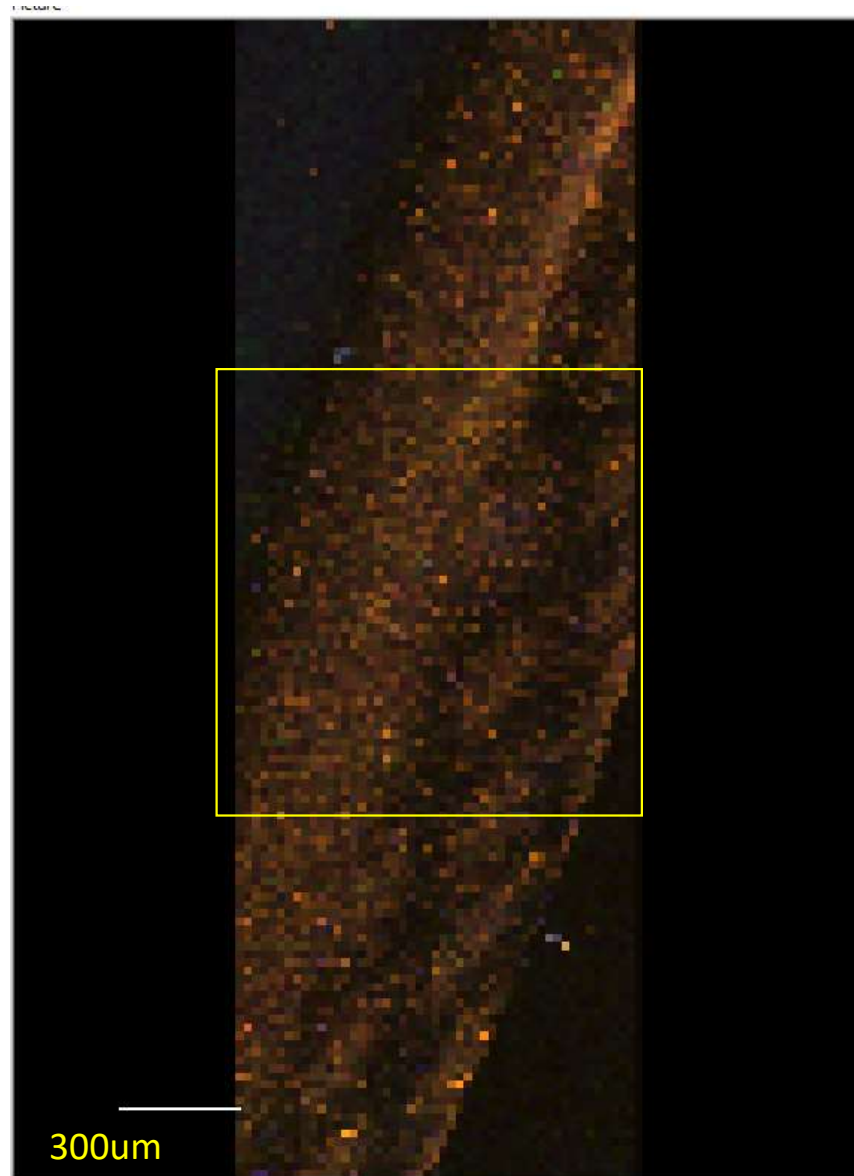


Plate3\_Sample4\_Coarse



Picture

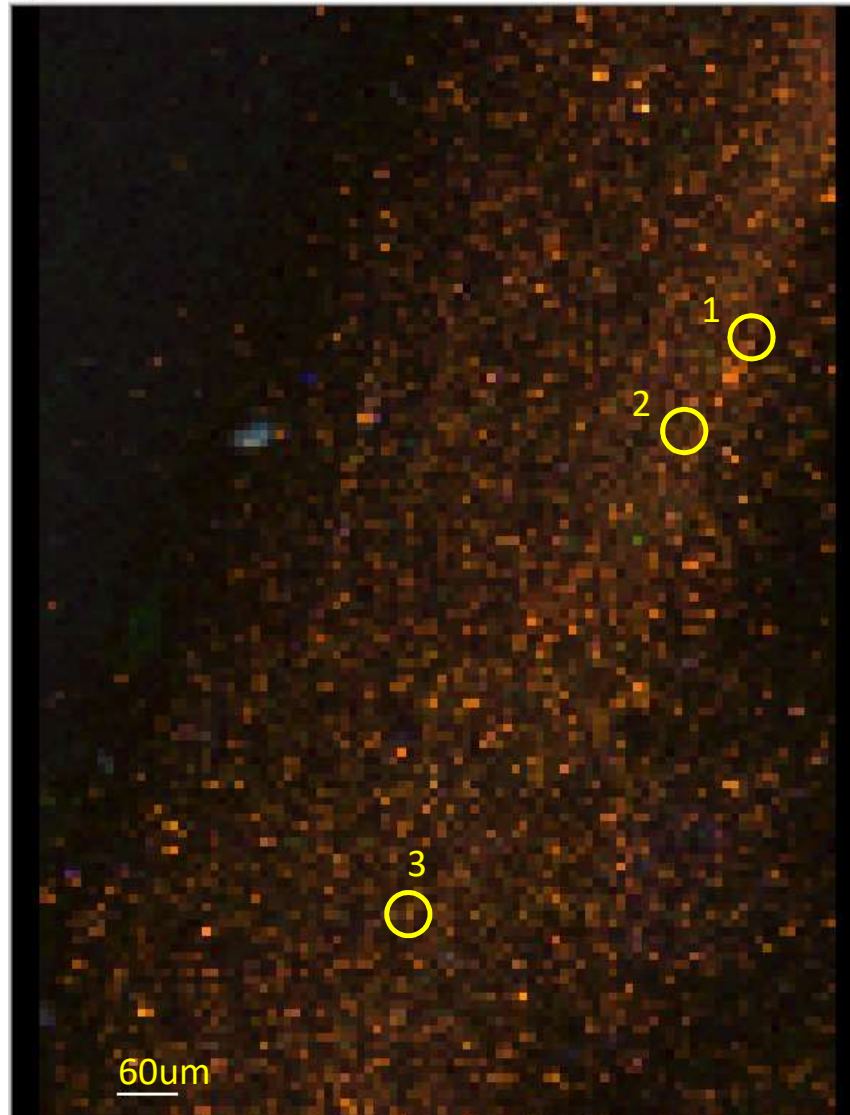
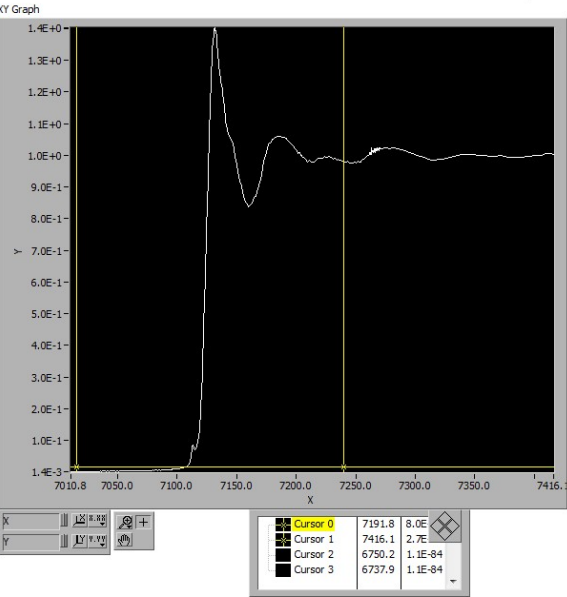
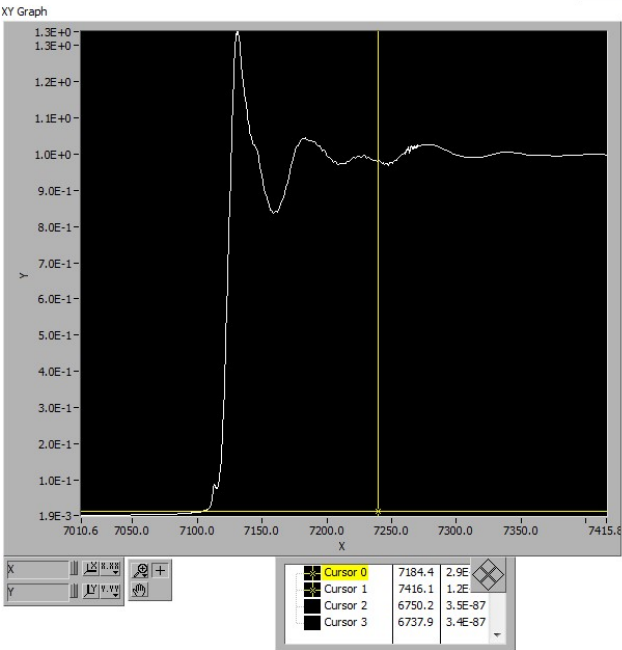


Plate3\_Sample4\_XANES

3\_sample4\_spot1\_000.t



3\_sample4\_spot3\_000.t



3\_sample4\_spot2\_000.t

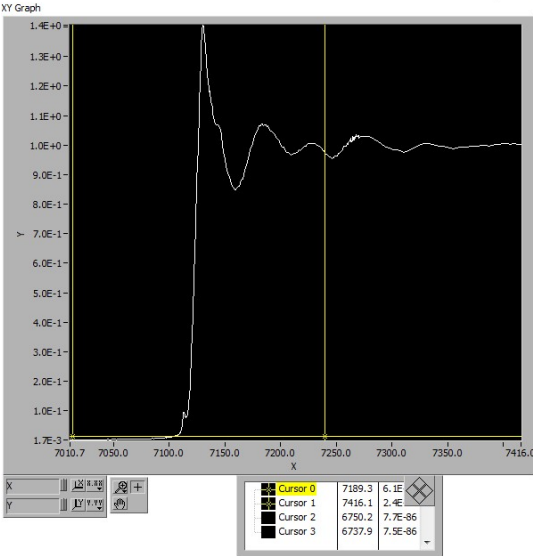




Plate3\_Sample5\_Coarse

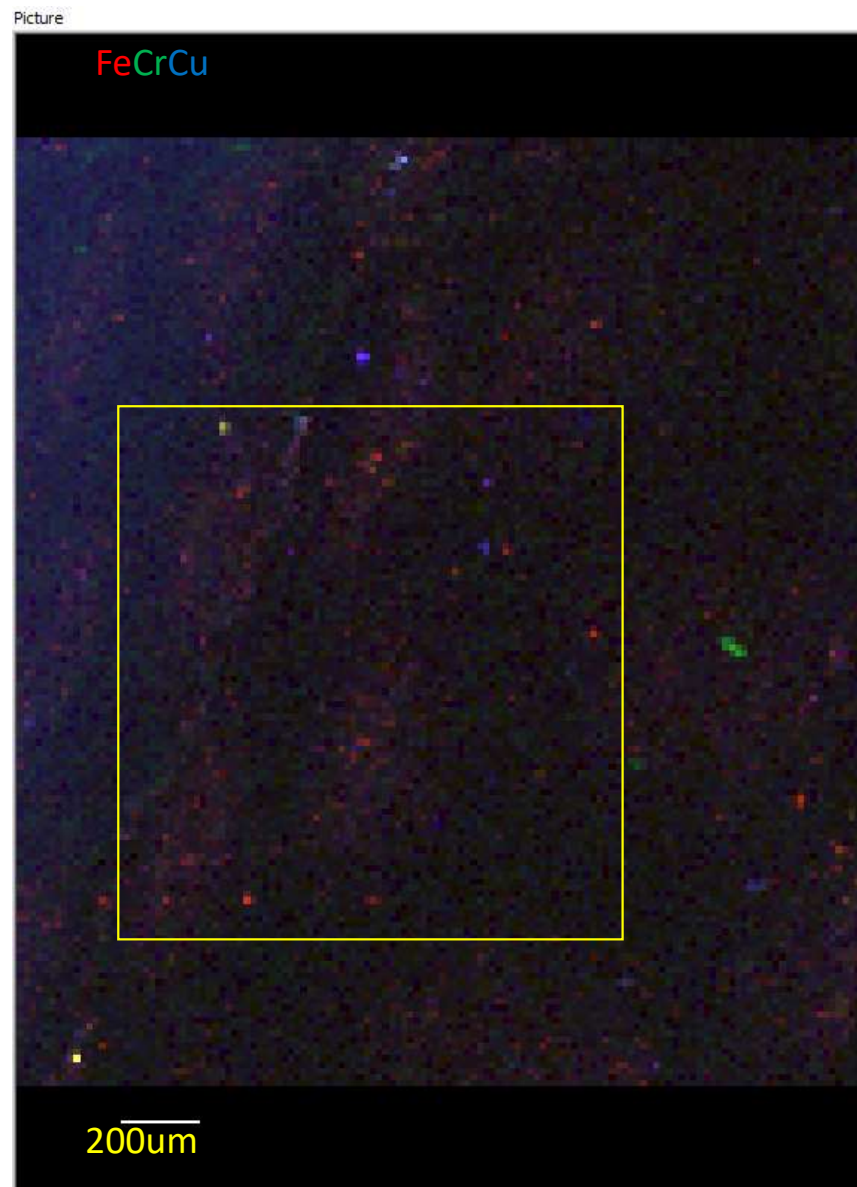


Plate3\_Sample5\_Fine

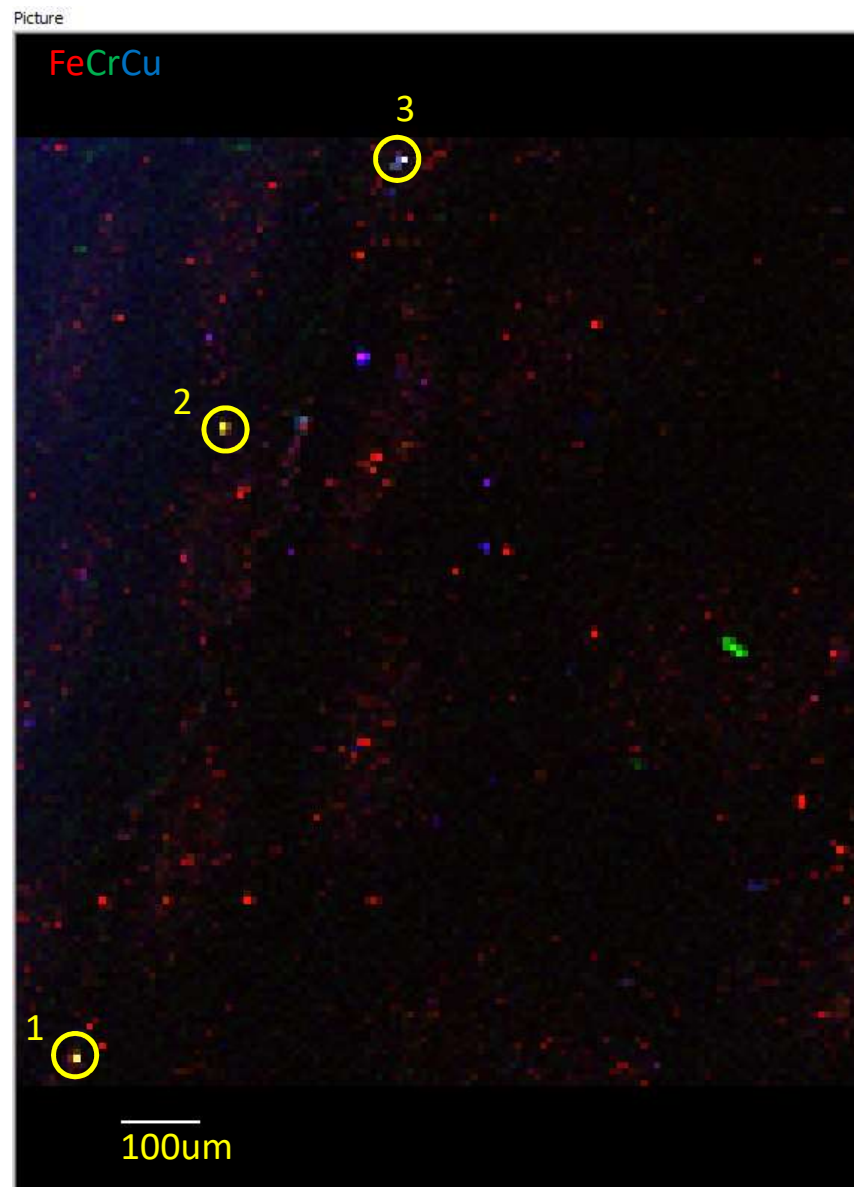


Plate3\_Sample5\_XANES

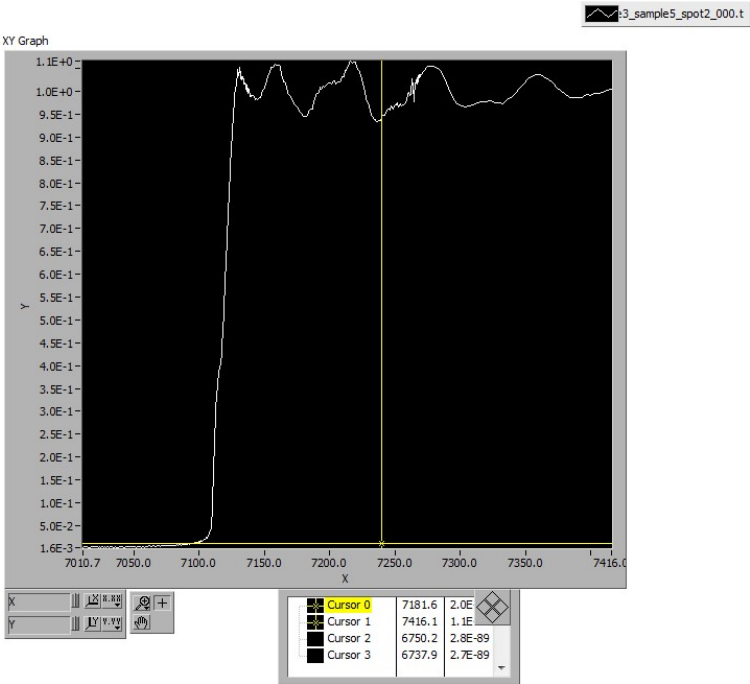
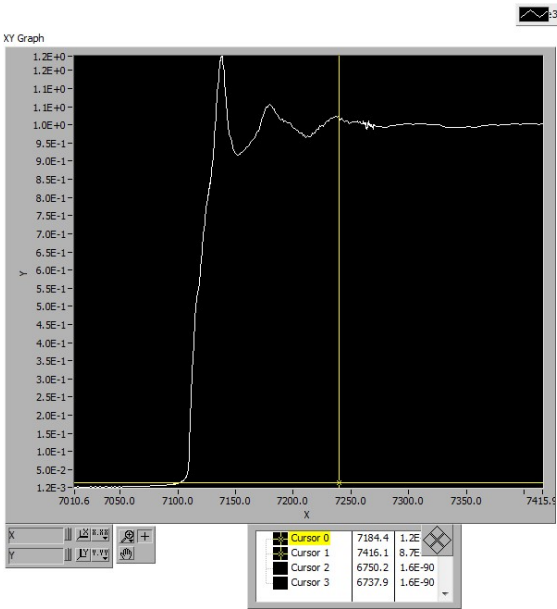
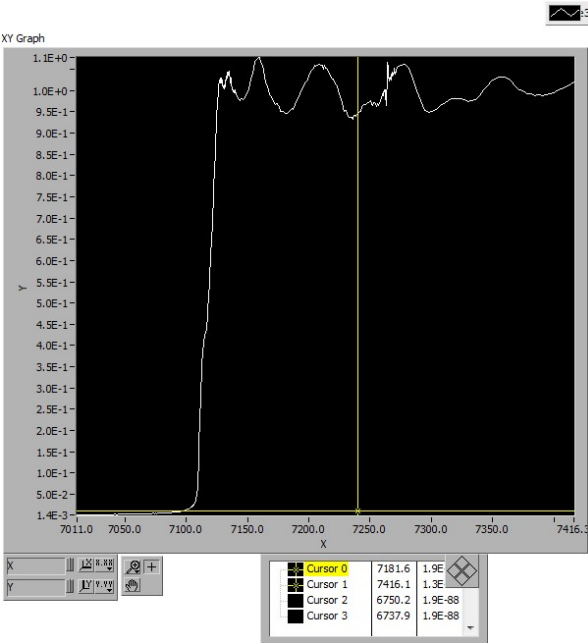
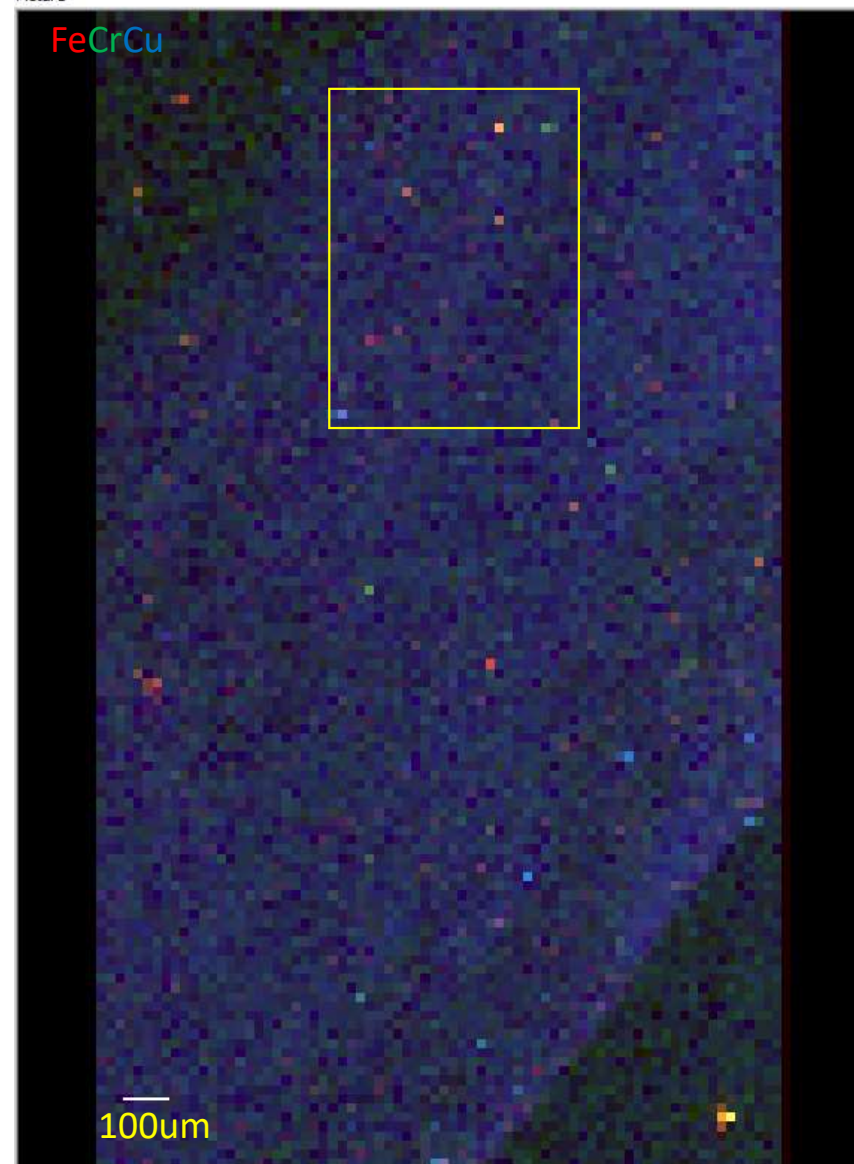


Plate3\_Sample6\_Coarse

Picture



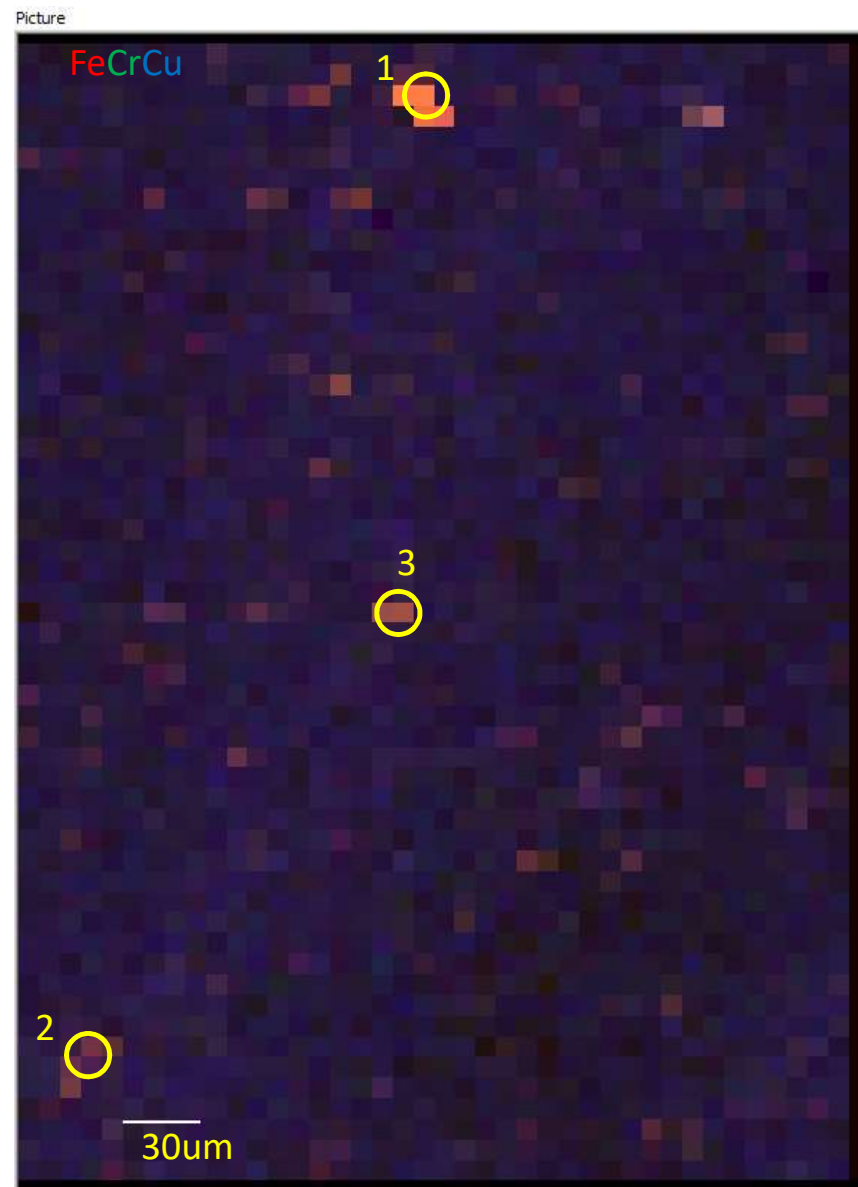
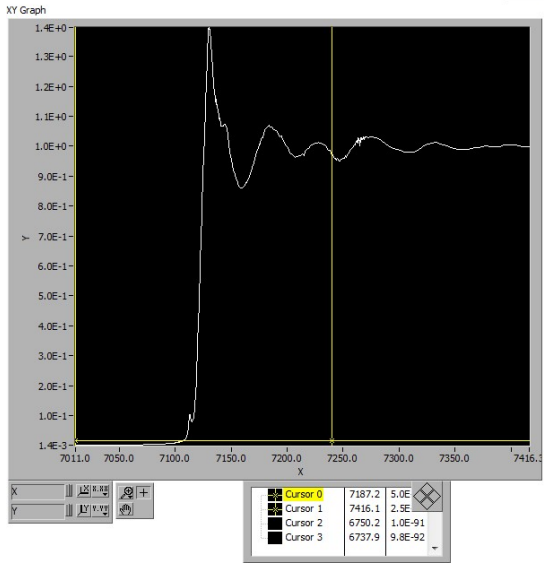
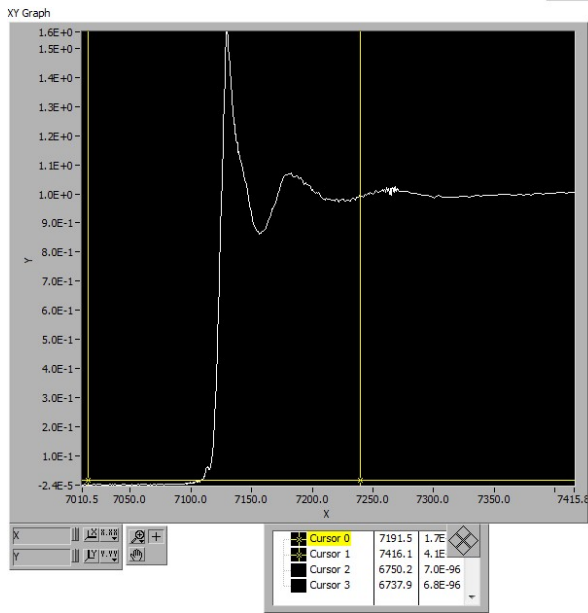


Plate3\_Sample6\_XANES

13\_sample6\_spot1\_000.t



13\_sample6\_spot3\_000.t



13\_sample6\_spot2\_000.t

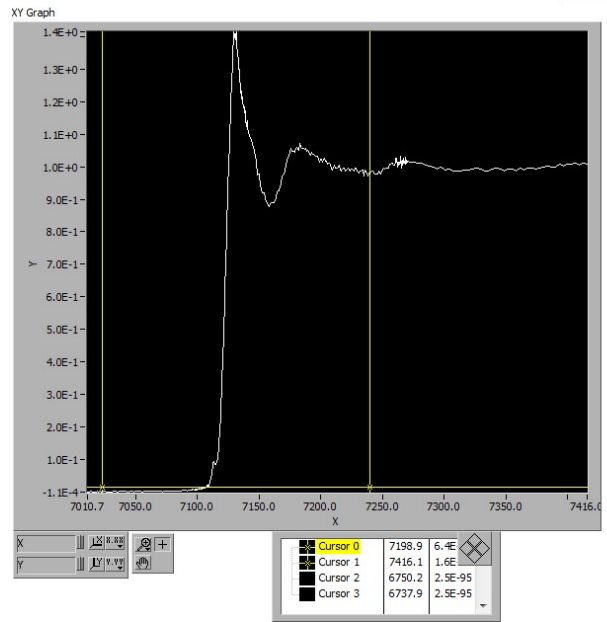
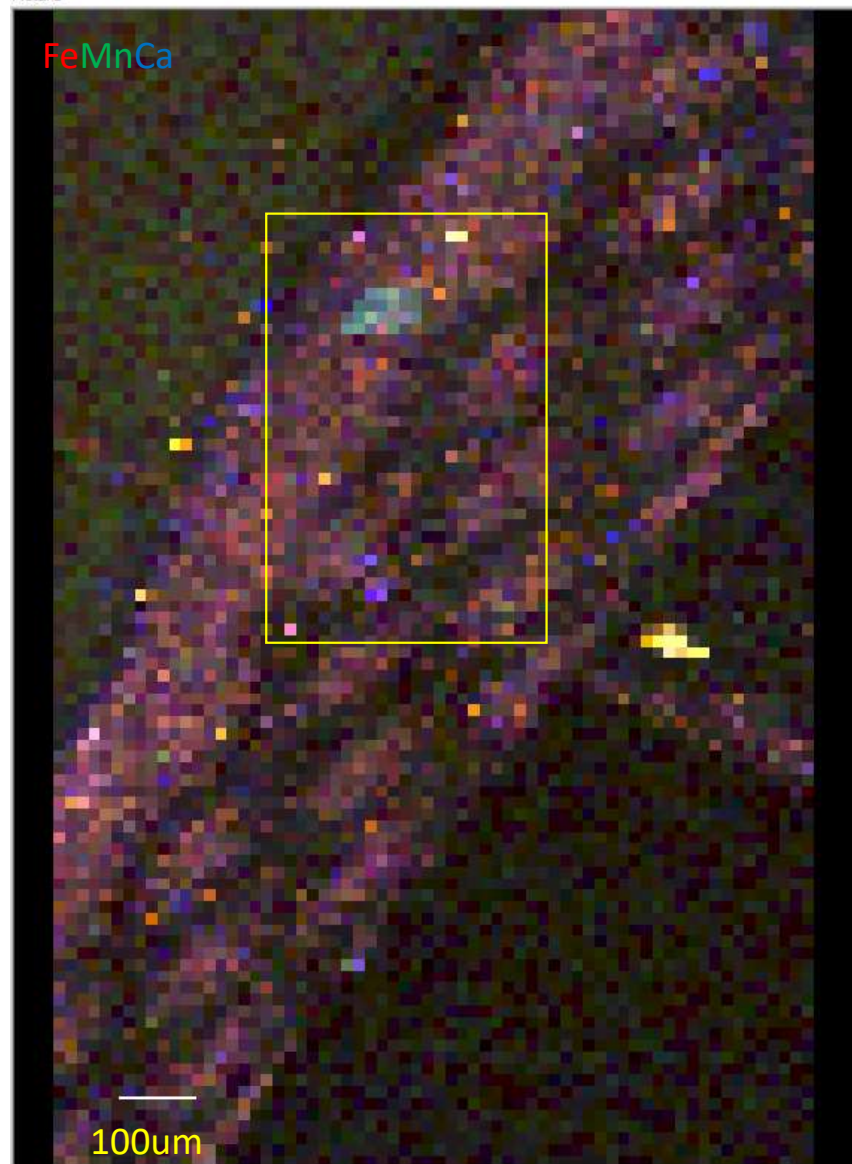




Plate3\_Sample7\_Coarse





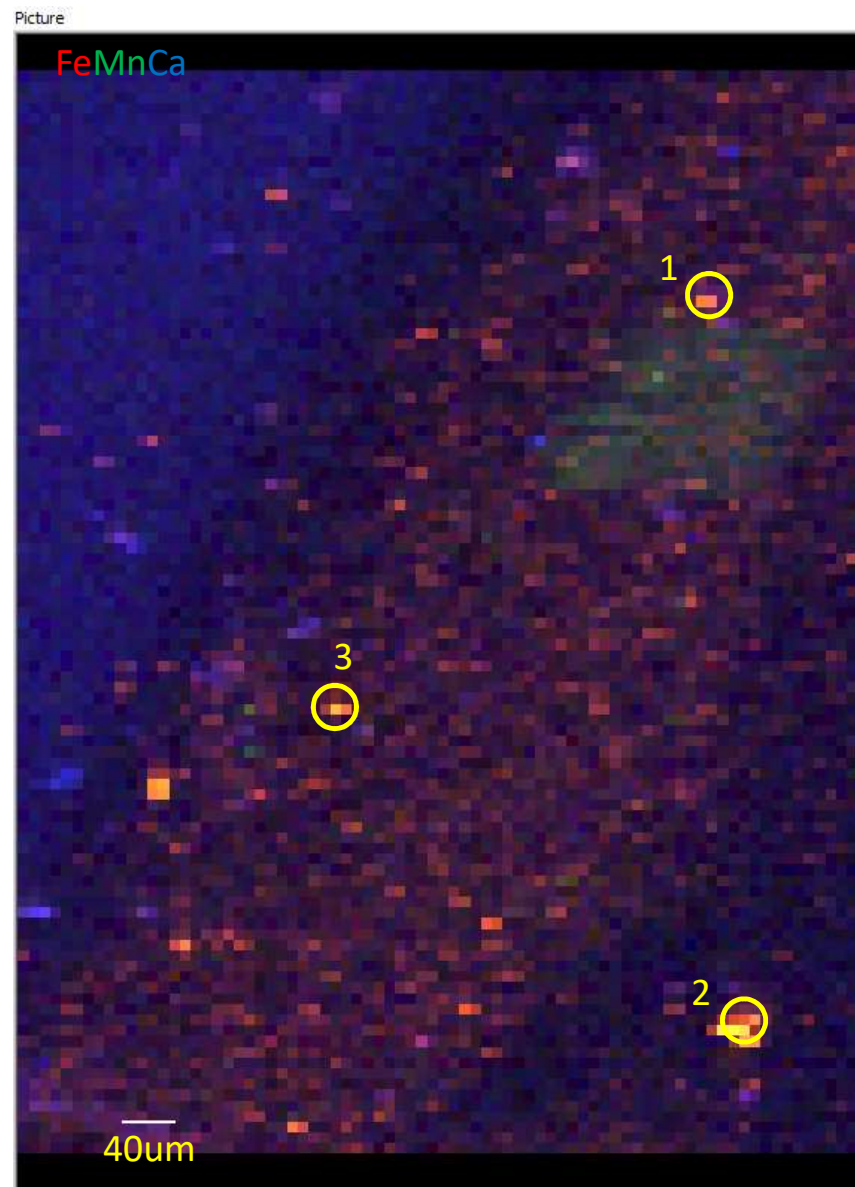


Plate3\_Sample7\_XANES

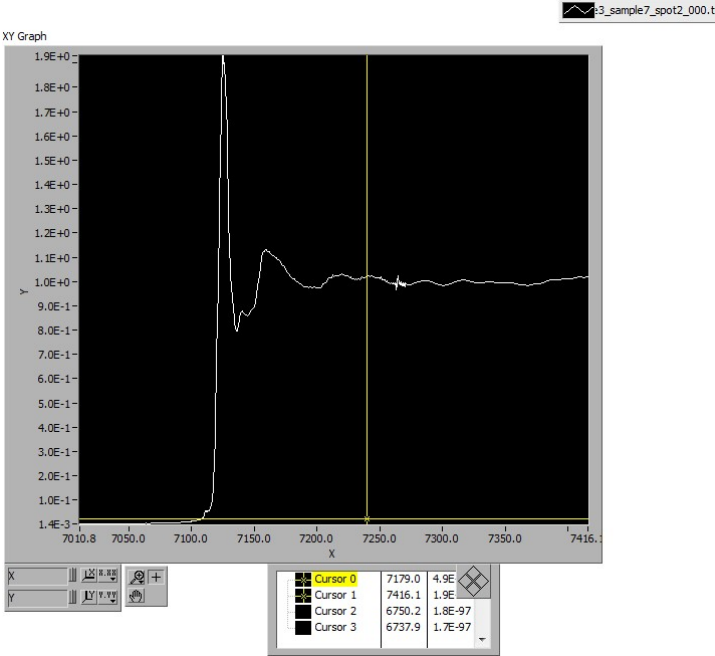
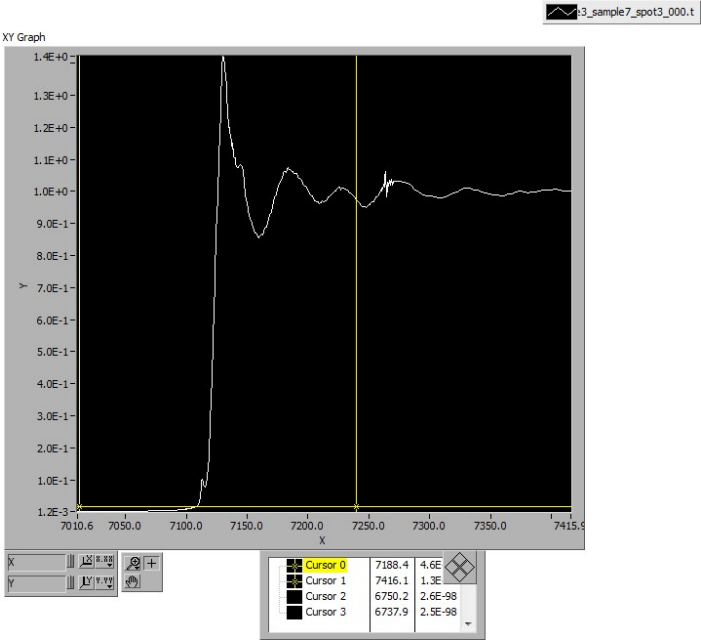
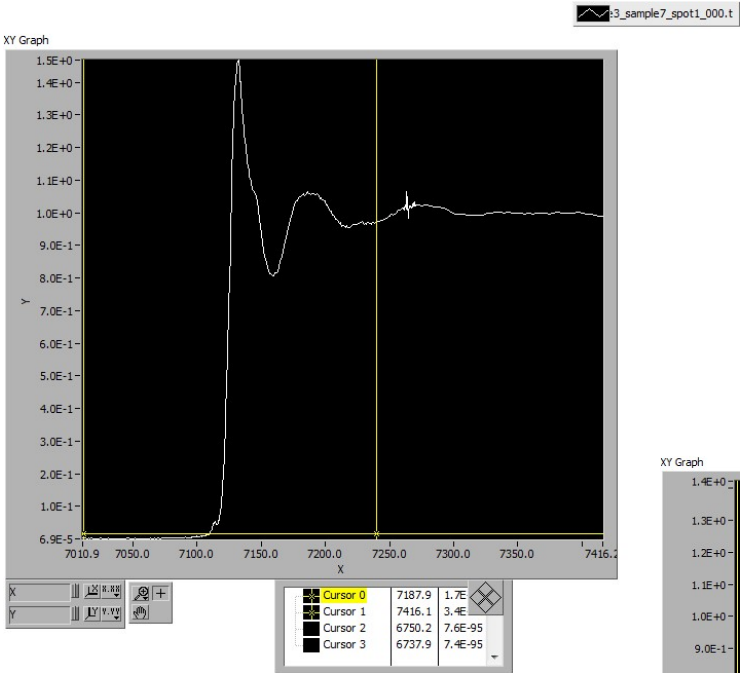
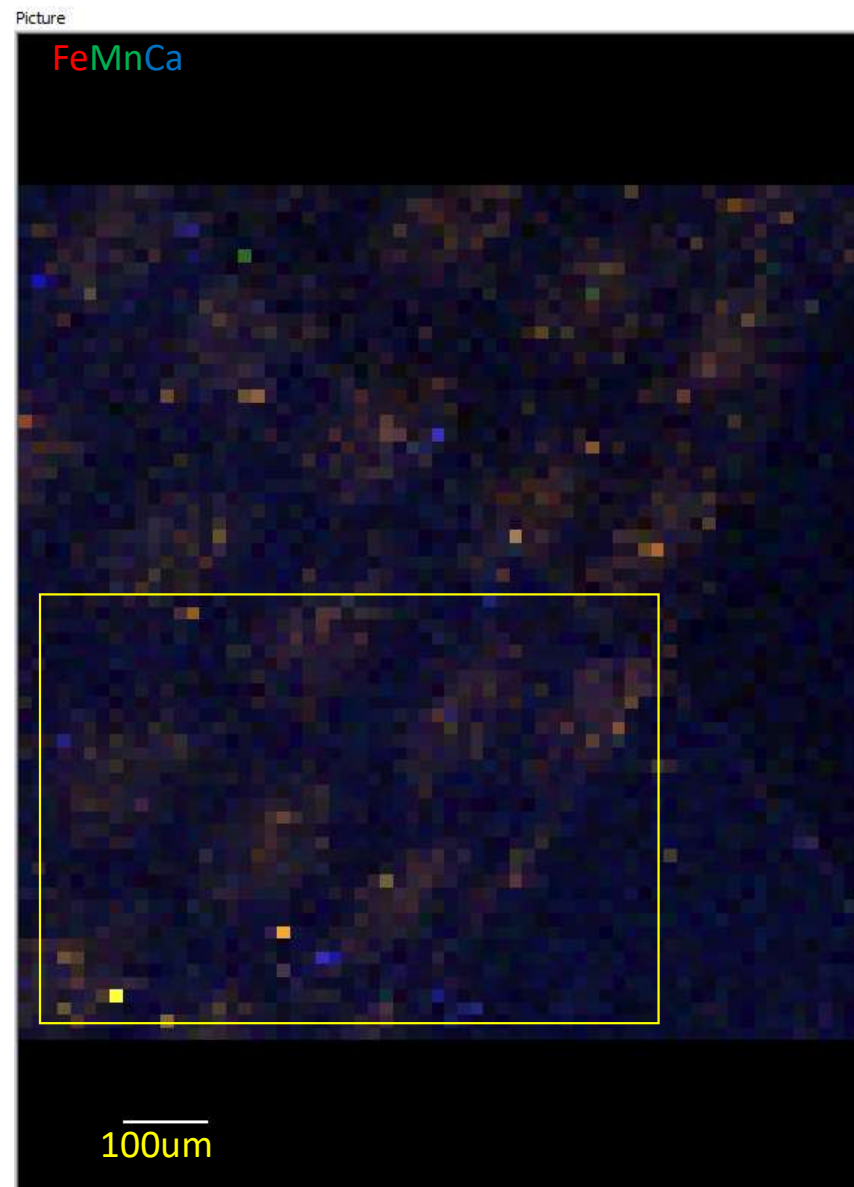


Plate3\_Sample8\_Coarse



Picture

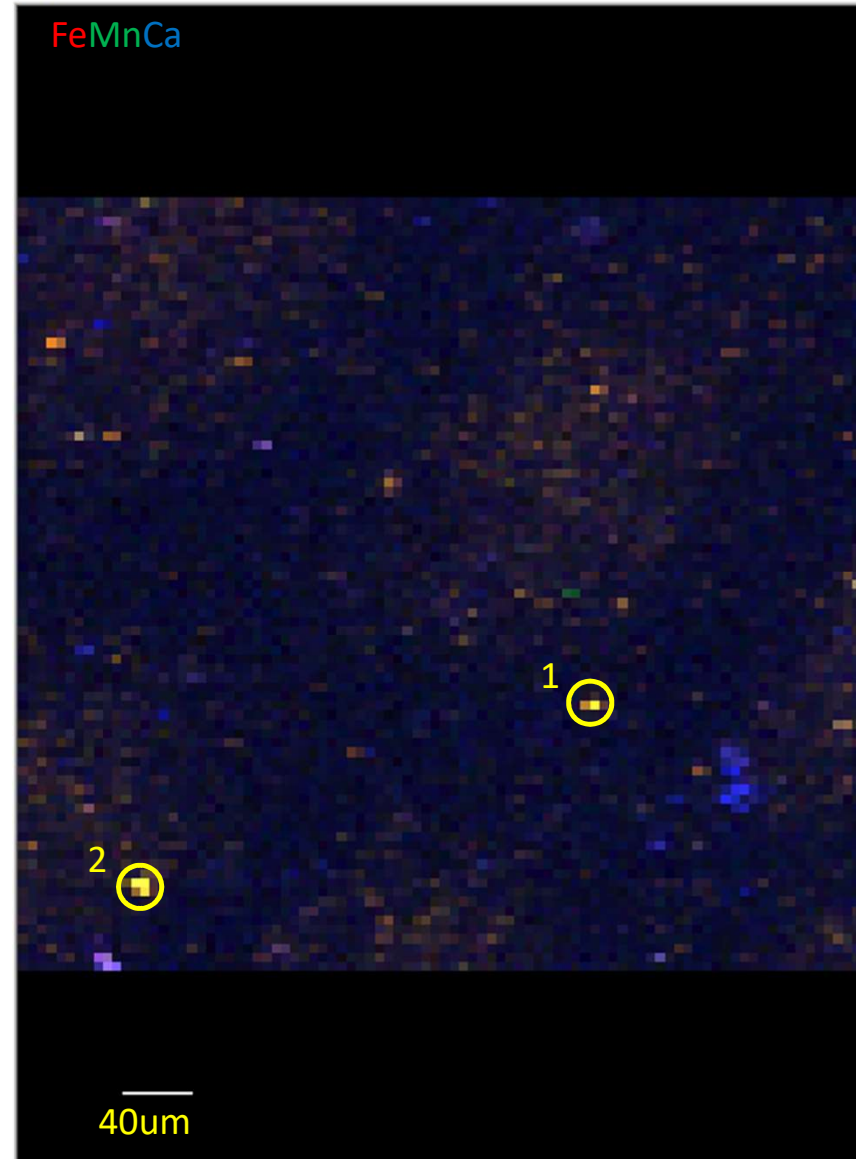


Plate3\_Sample8\_XANES

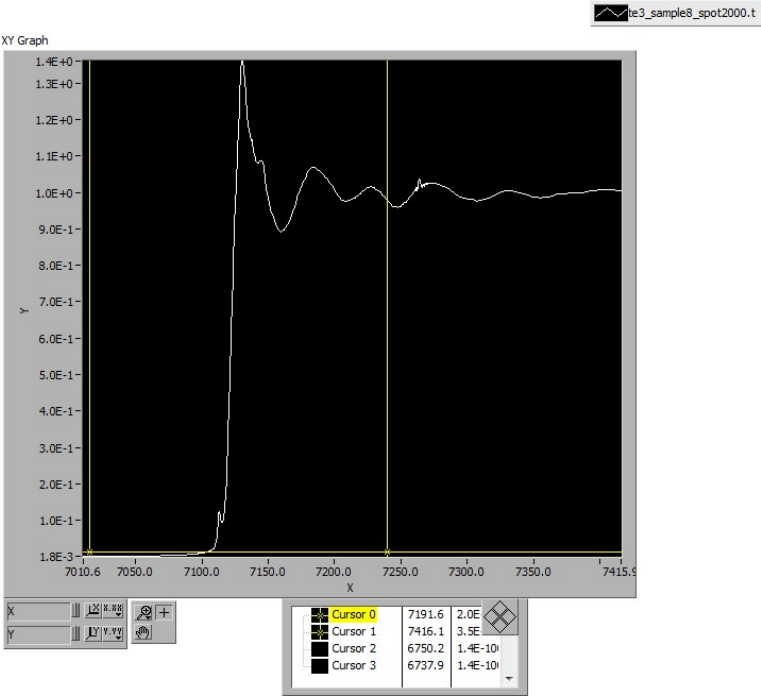
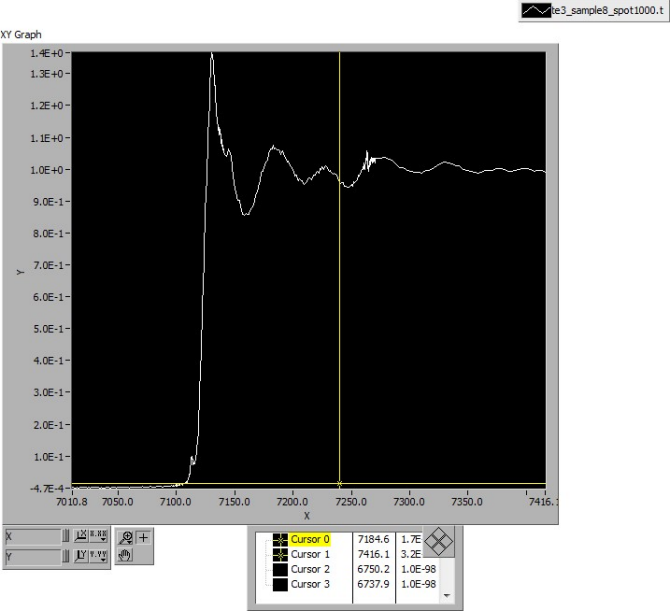
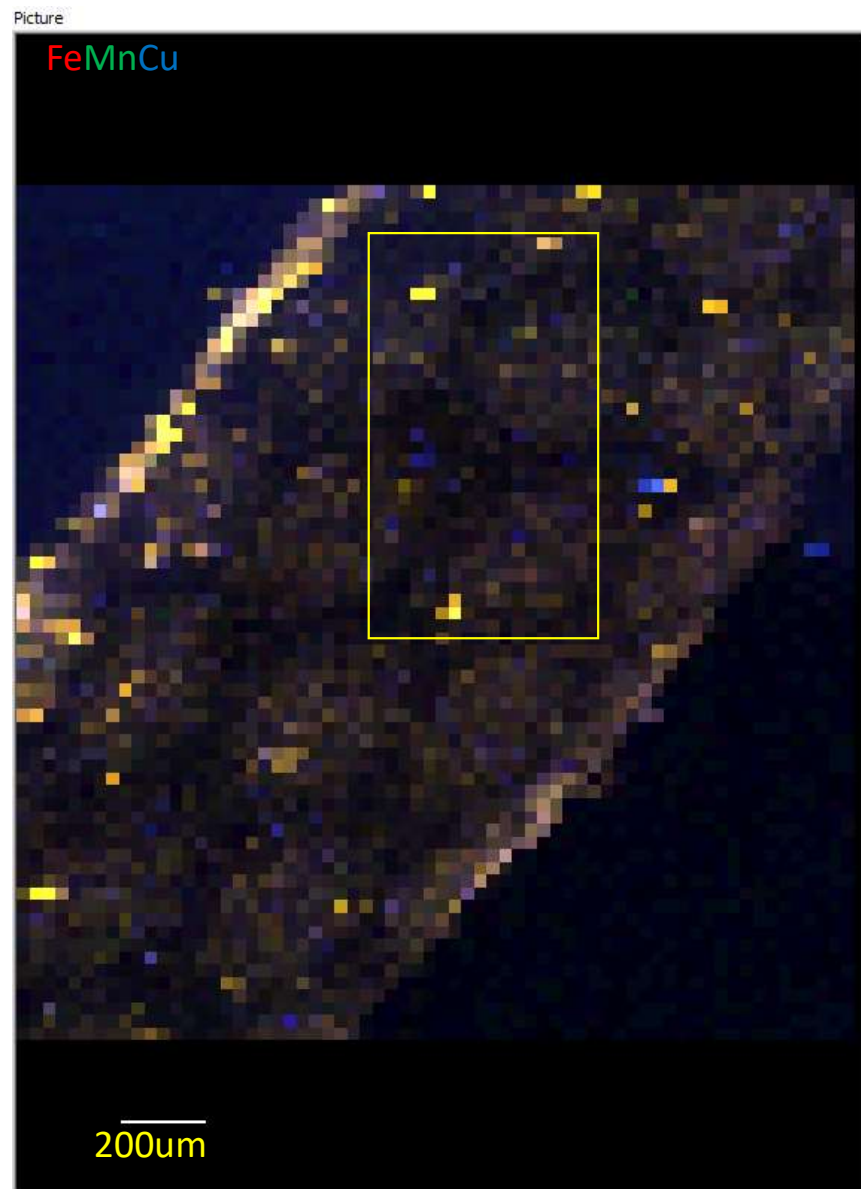


Plate3\_Sample9\_Coarse





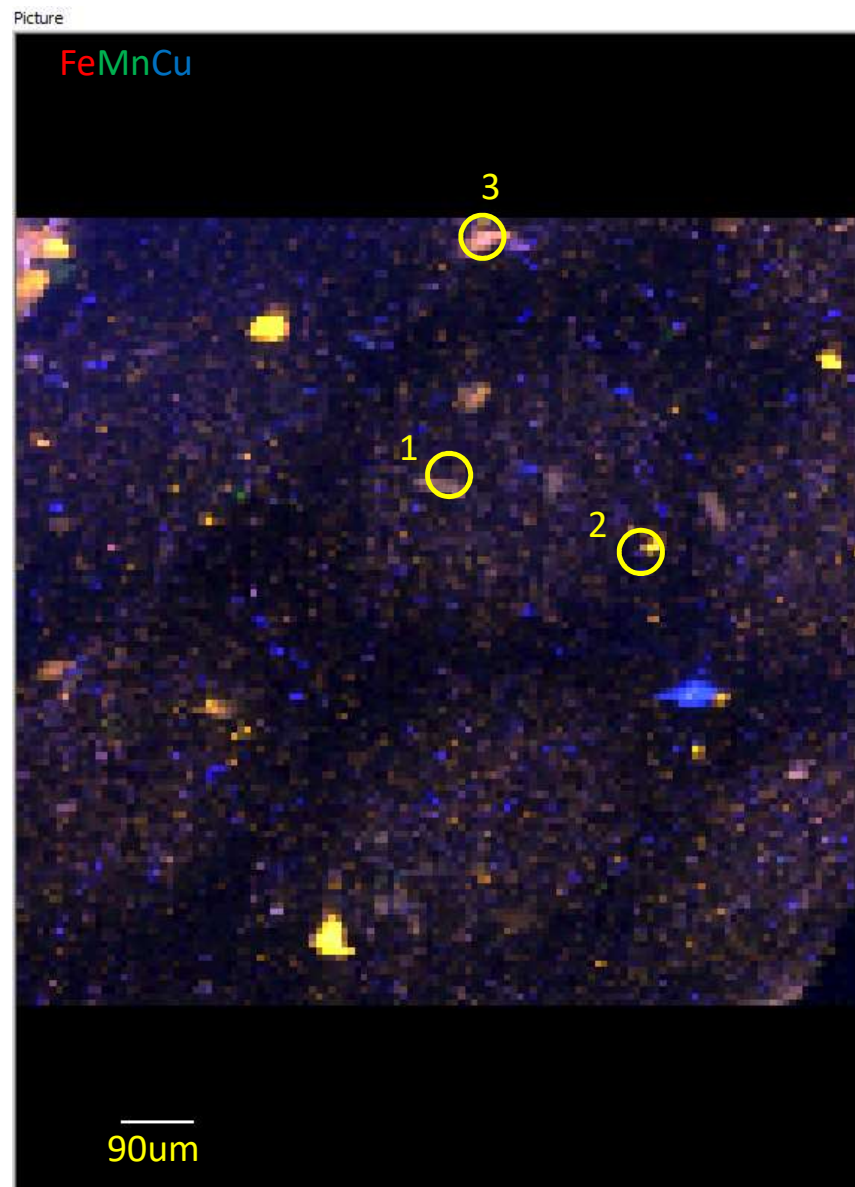




Plate3\_Sample9\_XANES

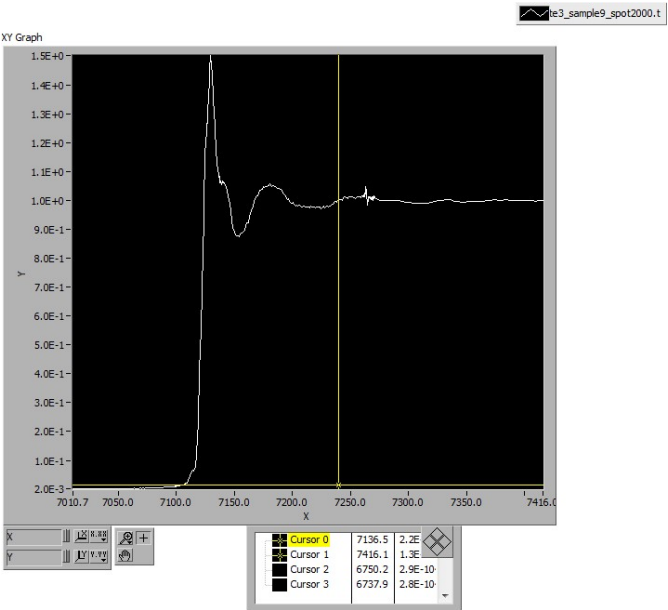
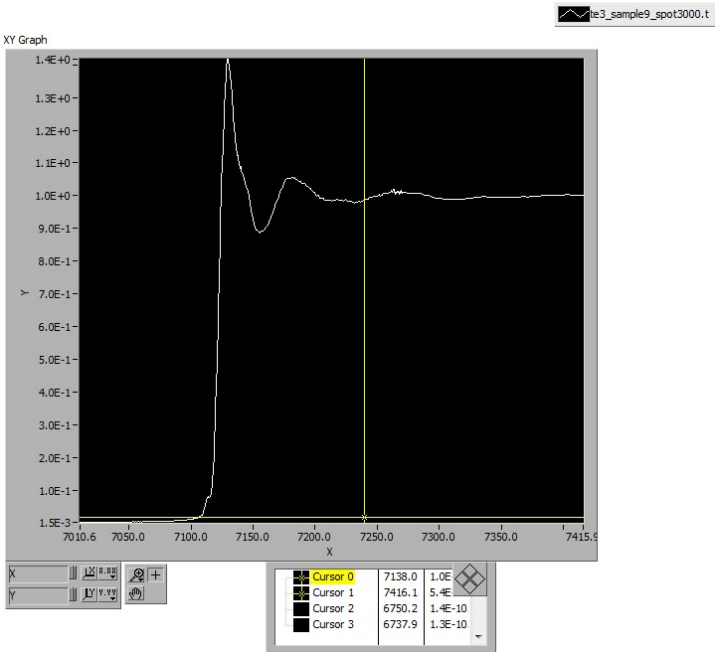
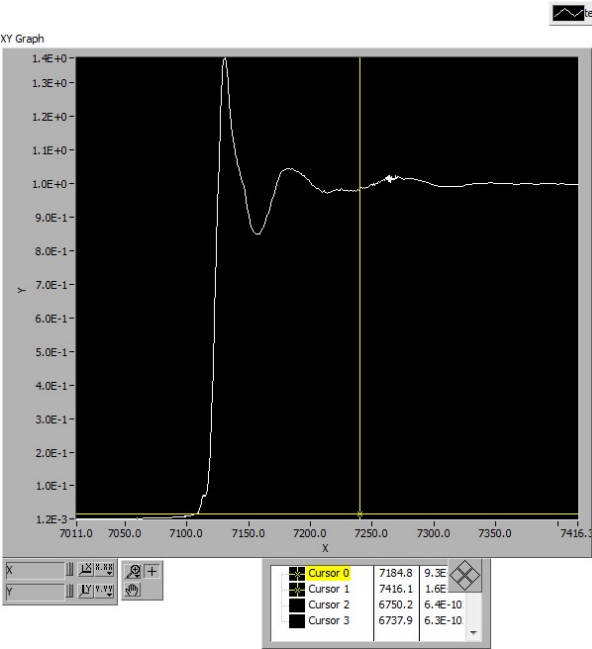


Plate3\_Sample10\_Coarse

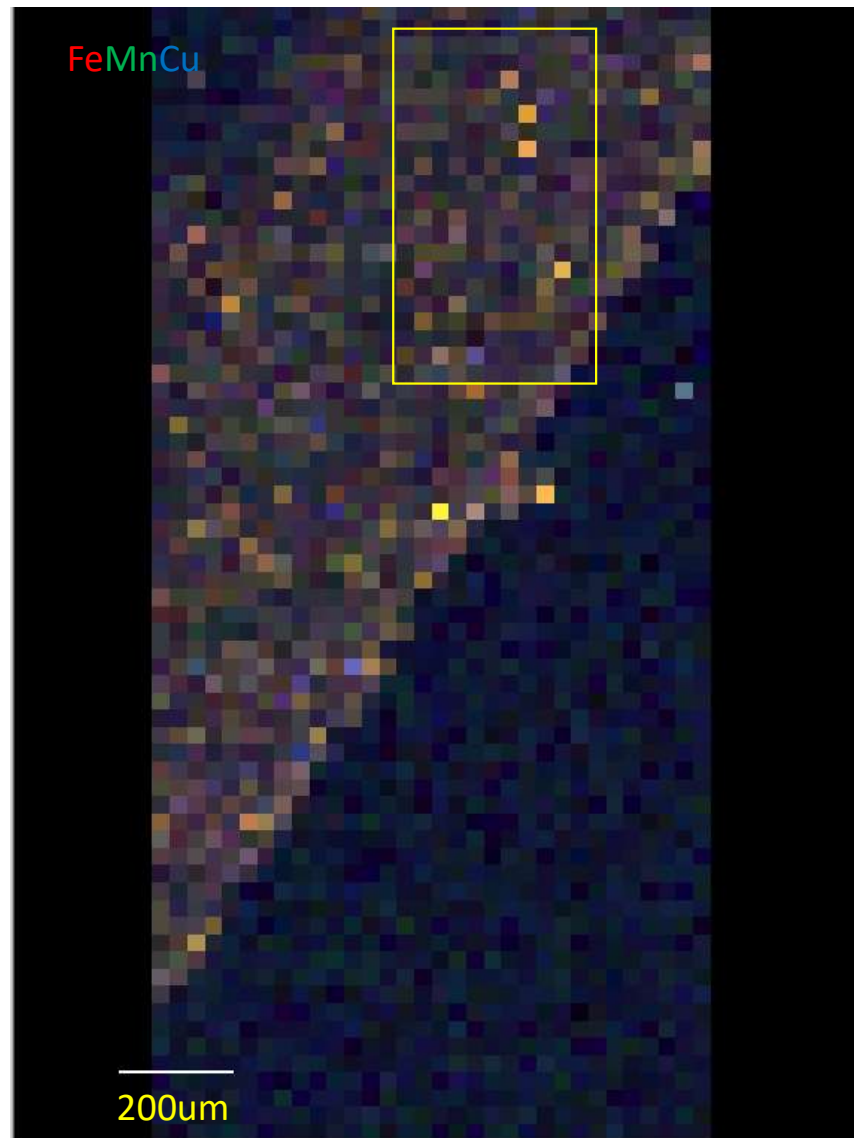


Plate3\_Sample10\_Fine

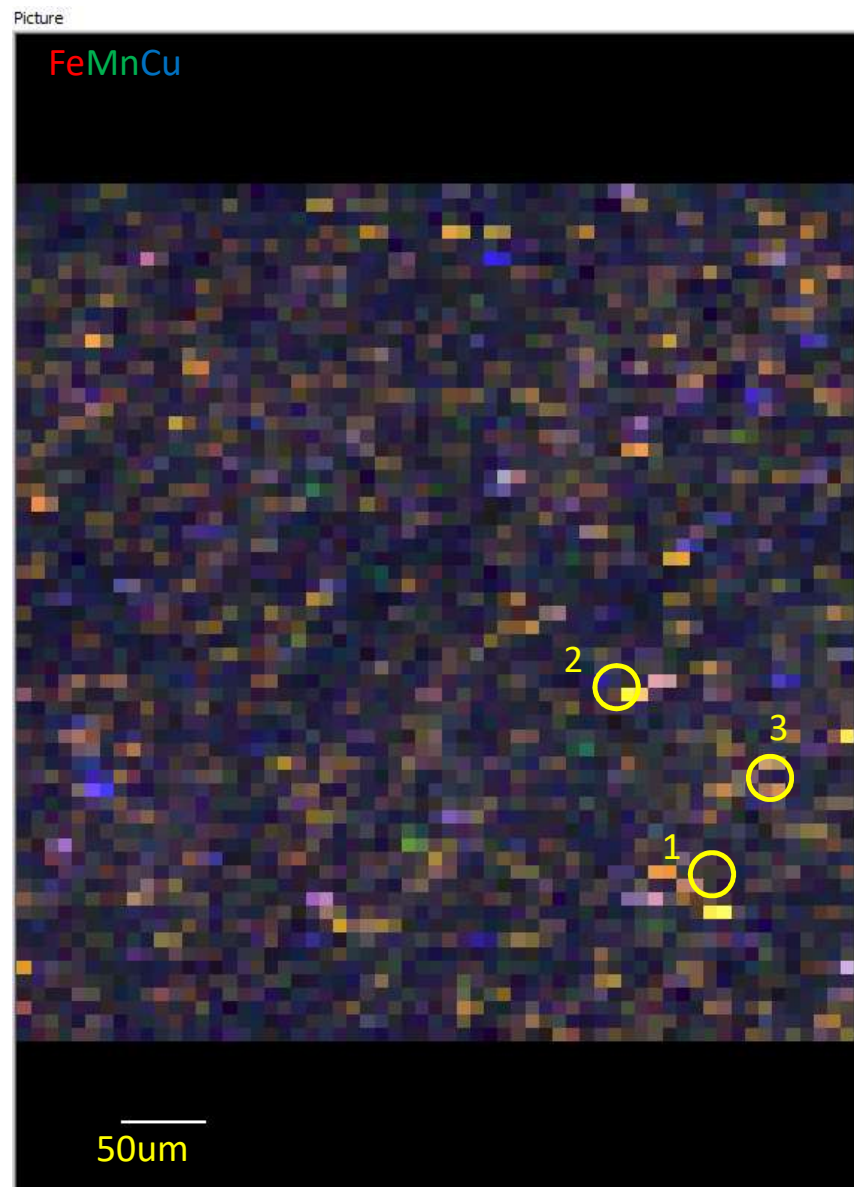
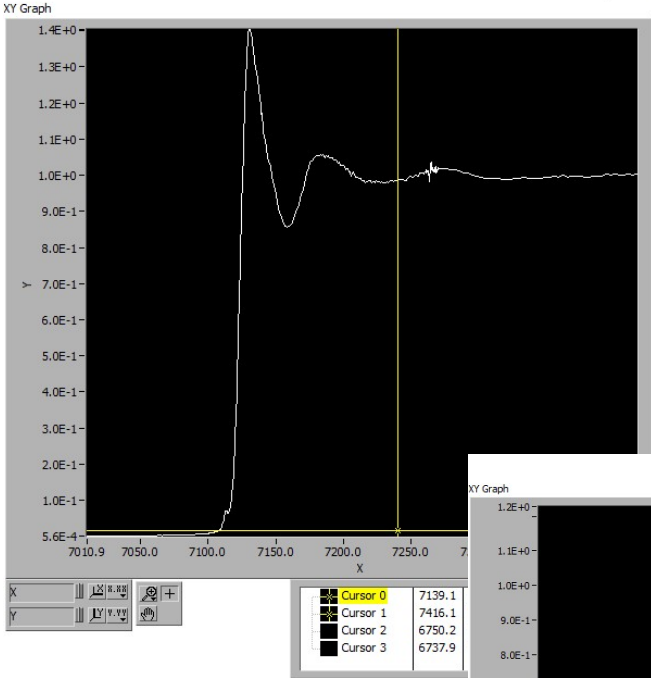


Plate3\_Sample10\_XANES

3\_sample10\_spot1000.t



3\_sample10\_spot2001.t

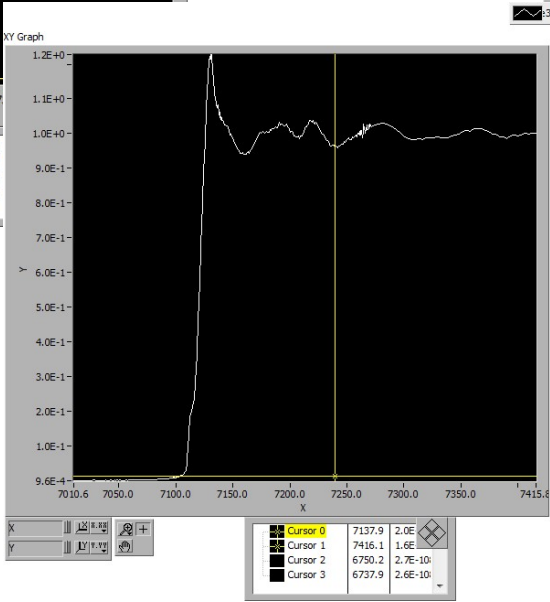
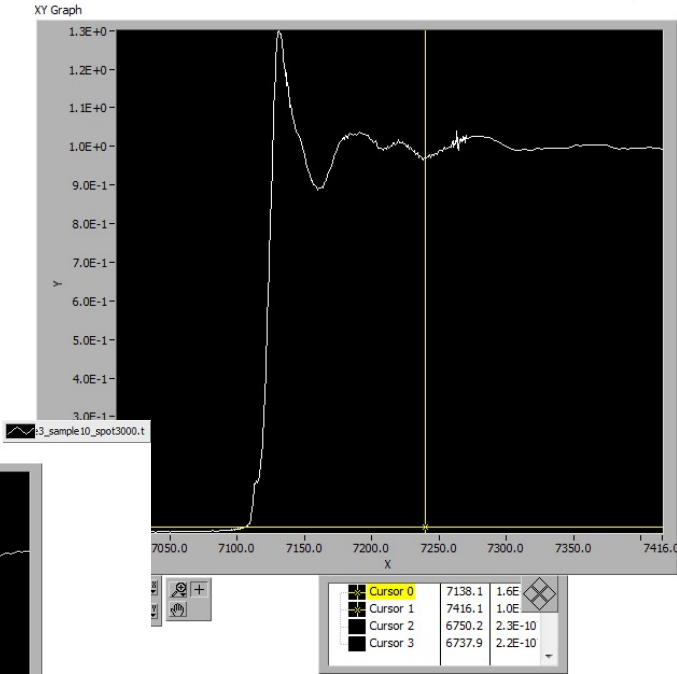


Plate3\_Sample11\_Coarse

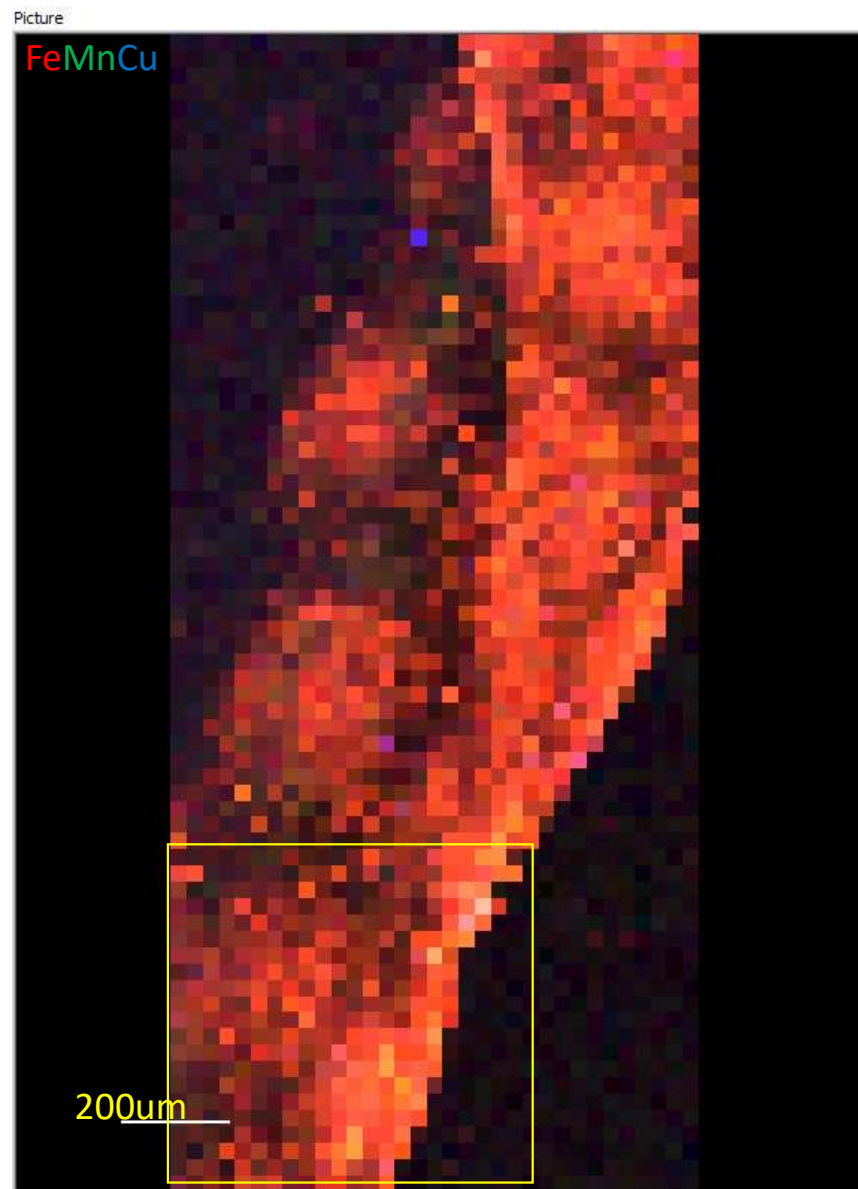
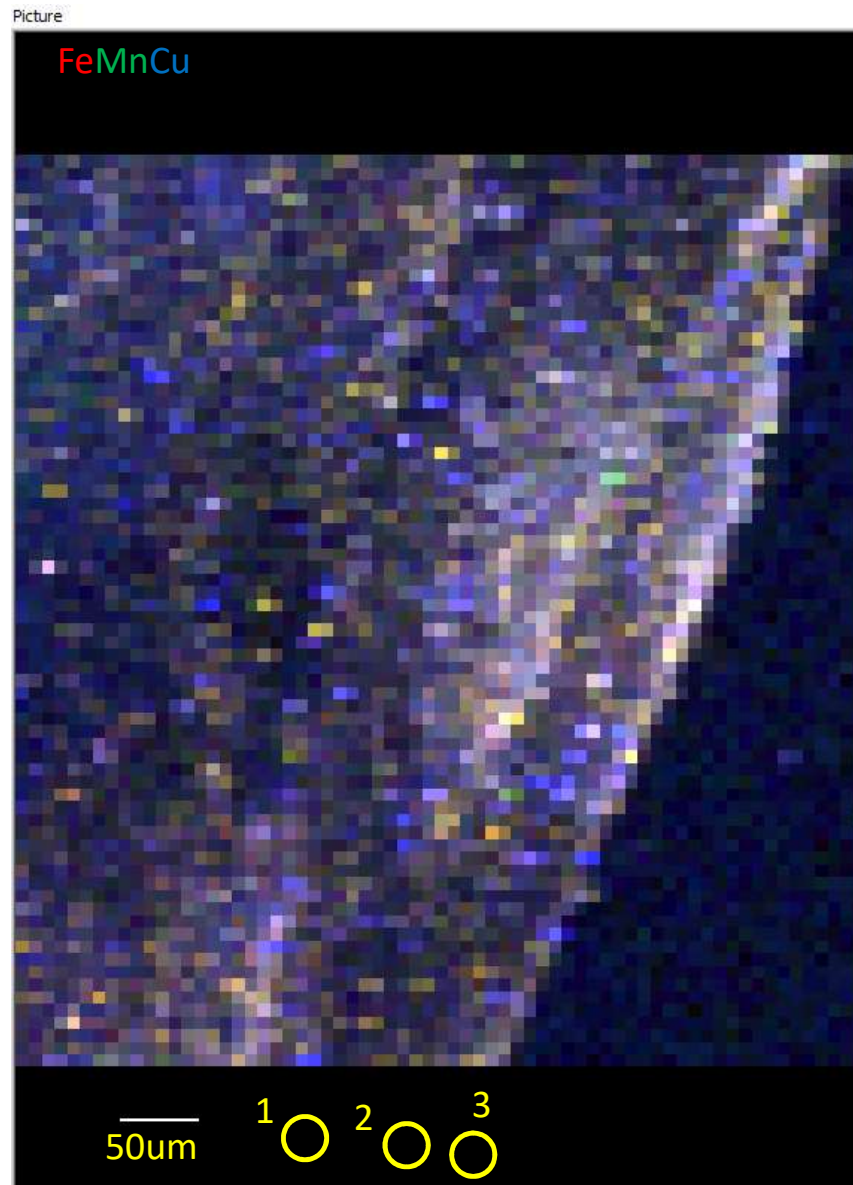


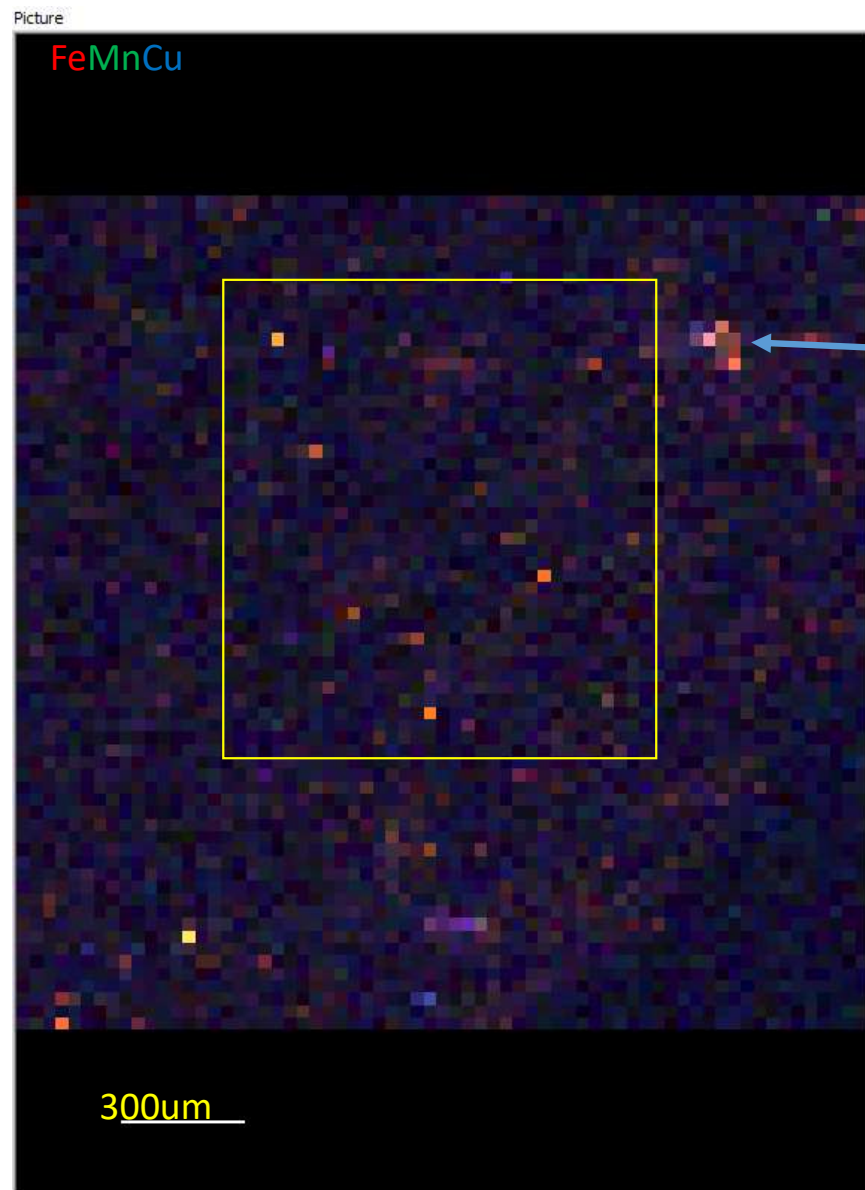
Plate3\_Sample11\_Fine



Unable to find any suitable Fe spots.



Plate3\_Sample12\_Coarse



Major fold in filter, so stayed away



Plate3\_Sample12\_Fine

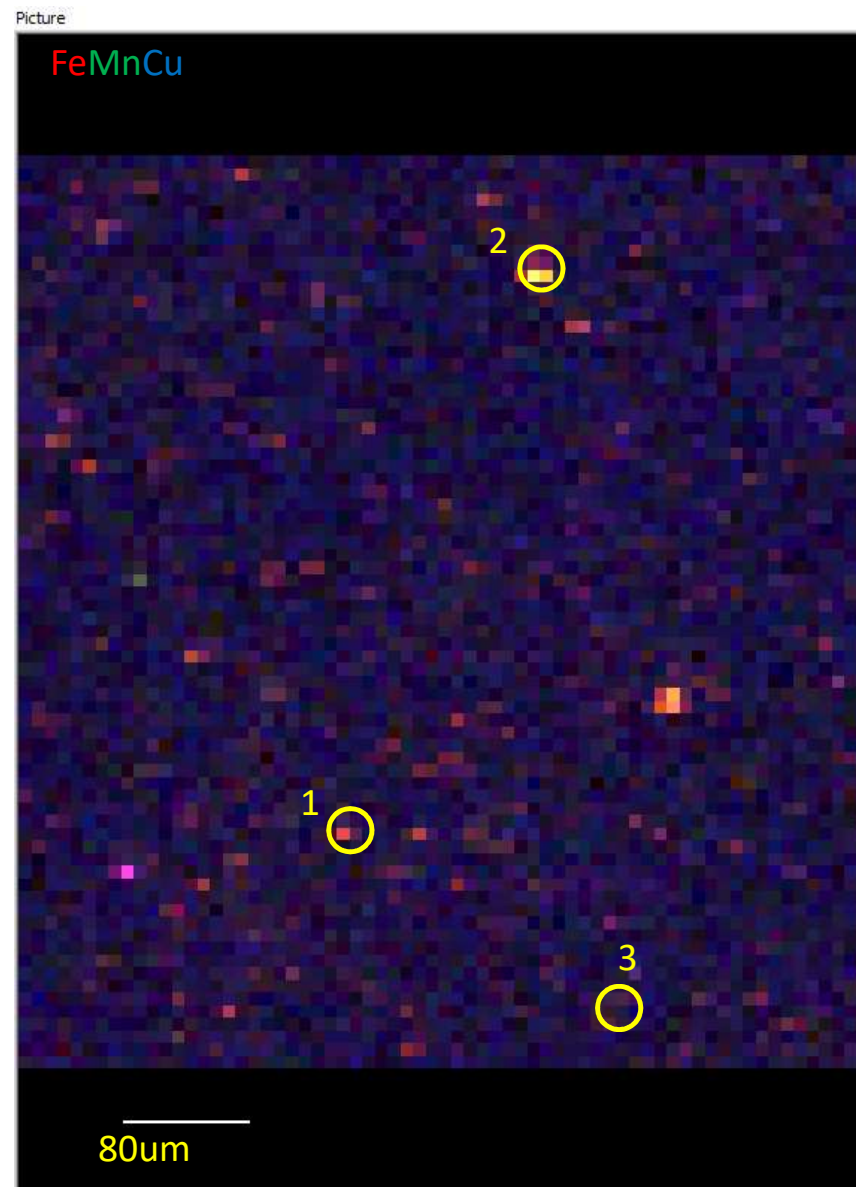
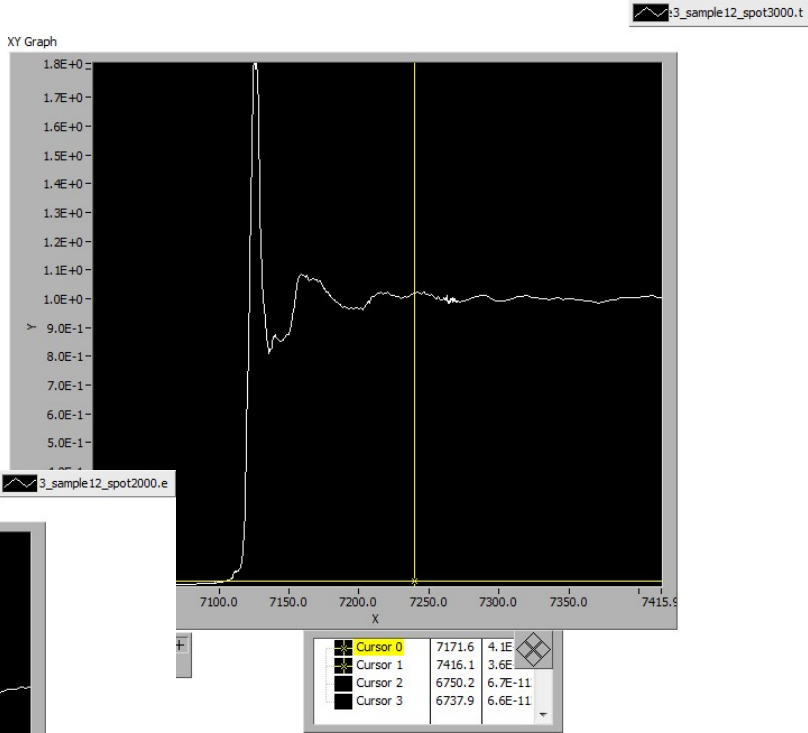
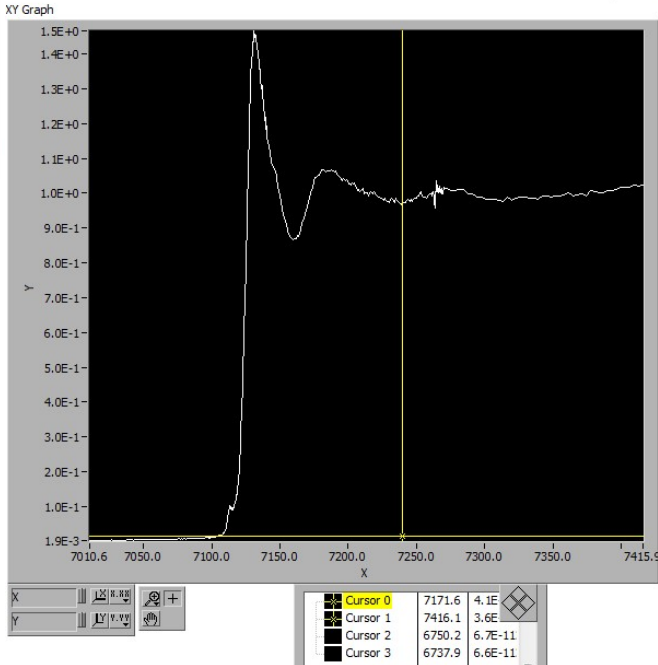
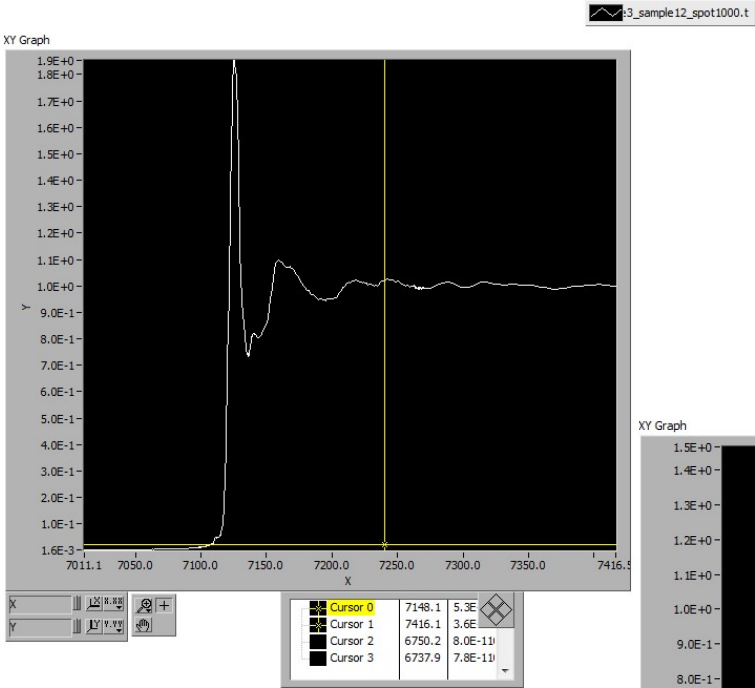
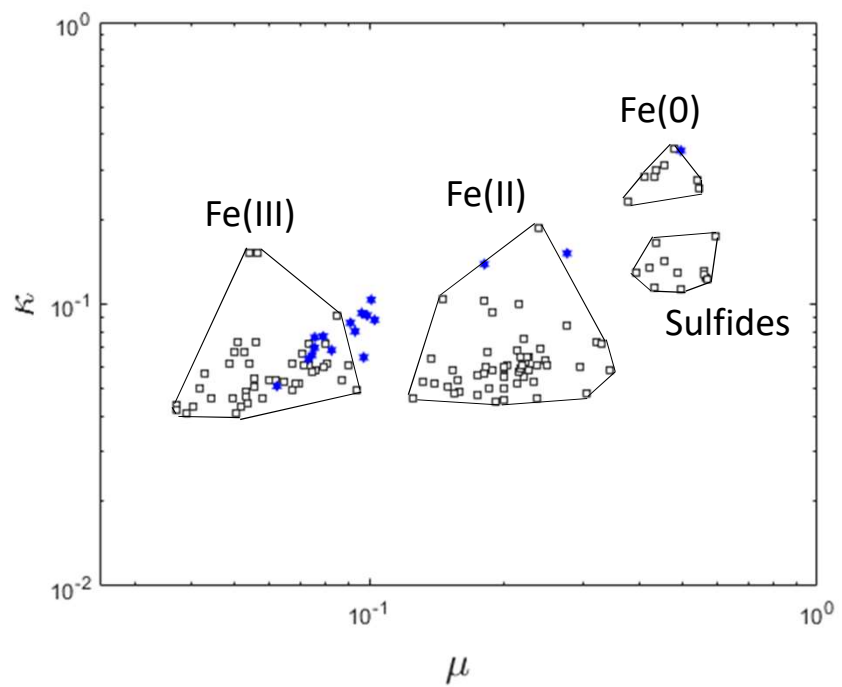


Plate3\_Sample12\_XANES



Fe valence Plot for previous run



mixed Fe2/Fe3 standards in full black

