

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
 Data File : BM004870.D
 Acq On : 02 Apr 2016 09:55
 Operator : UM/SJ
 Sample : H2004-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG1

Quant Time: Apr 04 00:35:10 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 04 00:33:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	49912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	245028	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.46	164	137986	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	312812	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	393670	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	418759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1022	0.83	ng/uL	0.00
5) Phenol-d5	6.99	99	24874	5.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	87961	36.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	91825	27.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	58295	15.65	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	64853	37.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	71967	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	113386	31.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	1835	0.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	433991	39.87	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	518193	39.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	10496	4.88	ng/ul	0.00
58) Fluorene-d10	15.45	176	375232	39.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	69138	36.89	ng/ul	0.00
71) Anthracene-d10	17.30	188	585086	41.80	ng/ul	0.00
79) Pyrene-d10	19.60	212	684081	40.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	852542	45.95	ng/ul	0.00

Target Compounds

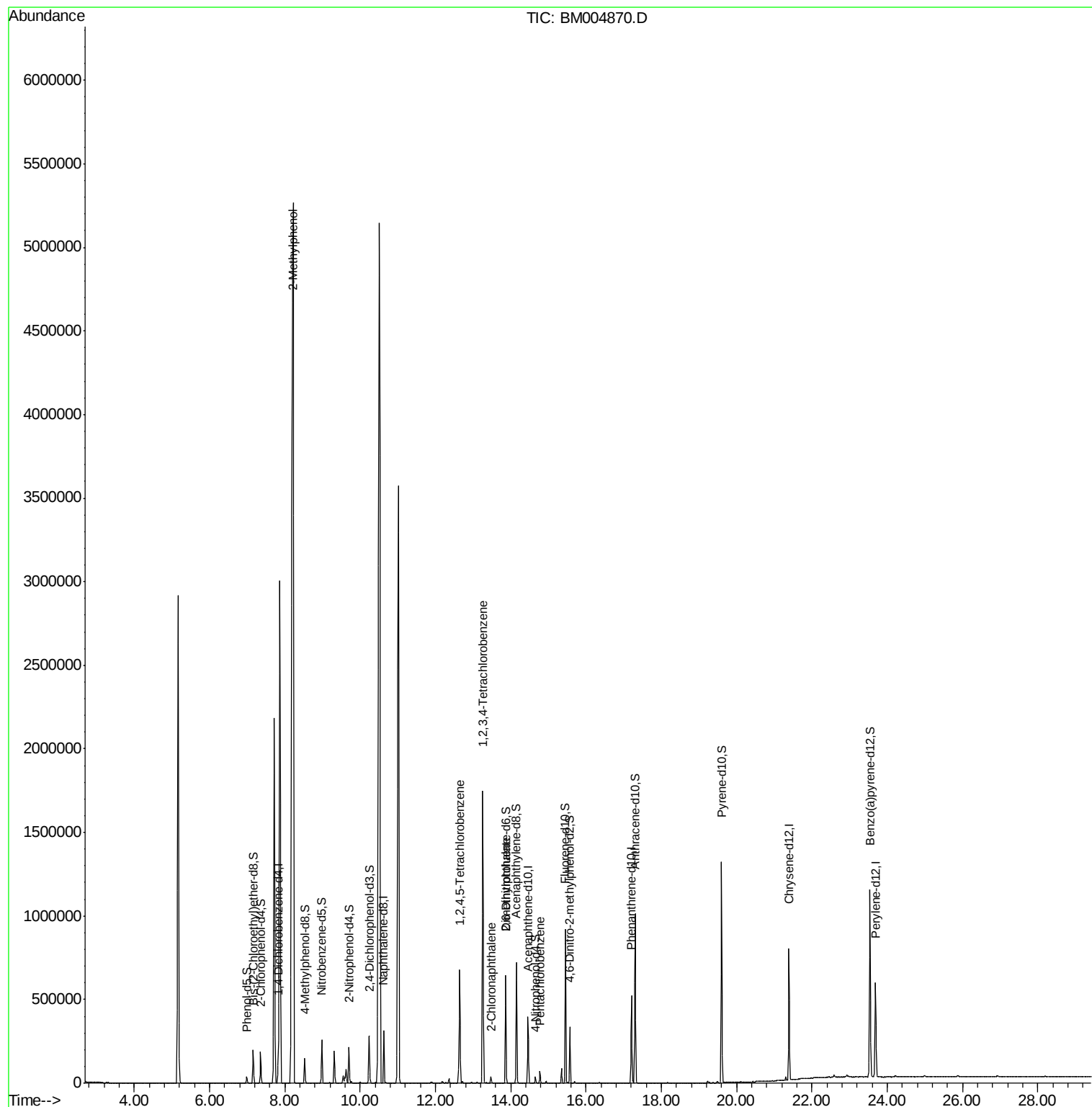
						Ovalue
11) 2-Methylphenol	8.21	108	36759	10.06	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	239070	55.98	ng/ul	99
42) 2-Chloronaphthalene	13.47	162	15060	1.78	ng/ul#	41
46) 2,6-Dinitrotoluene	13.87	165	2896	1.34	ng/ul#	41
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	564772	138.93	ng/uL	99
74) Pentachlorobenzene	14.77	250	19193	4.73	ng/uL	98

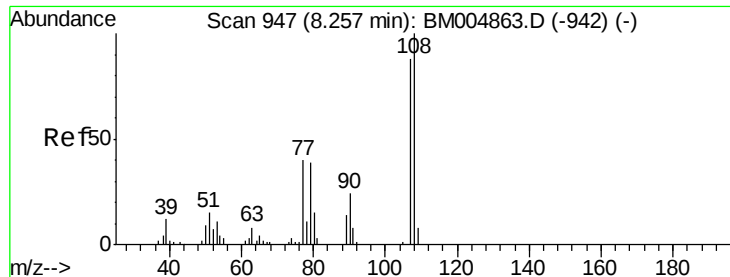
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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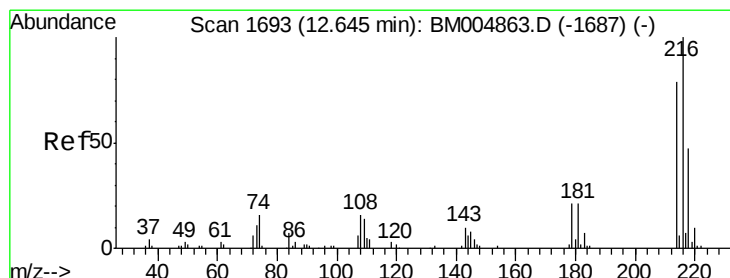
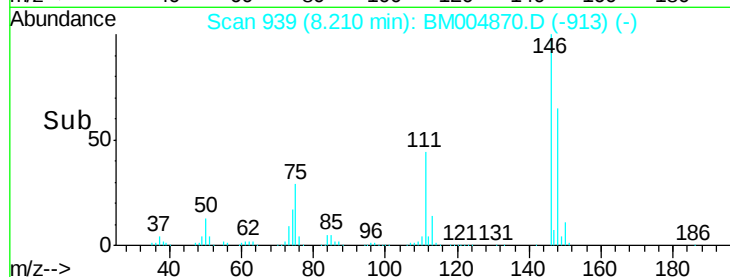
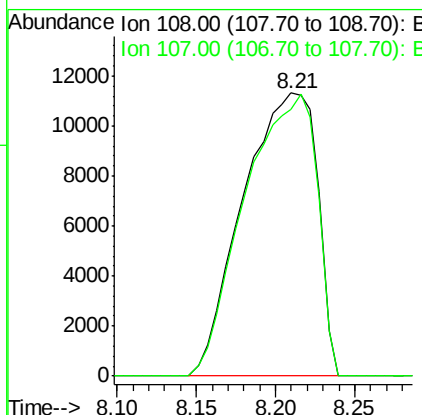
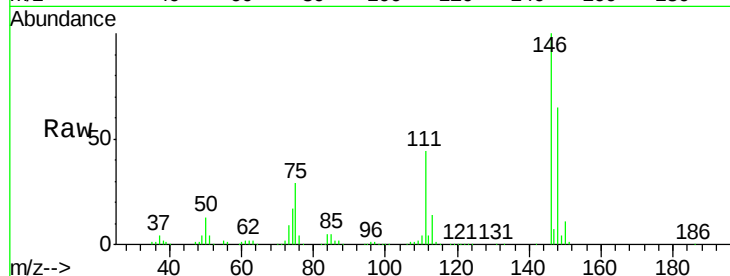




#11
2-Methylphenol
Concen: 10.06 ng/ul
RT: 8.21 min Scan# 939
Delta R.T. -0.05 min
Lab File: BM004870.D
Acq: 02 Apr 2016 09:55

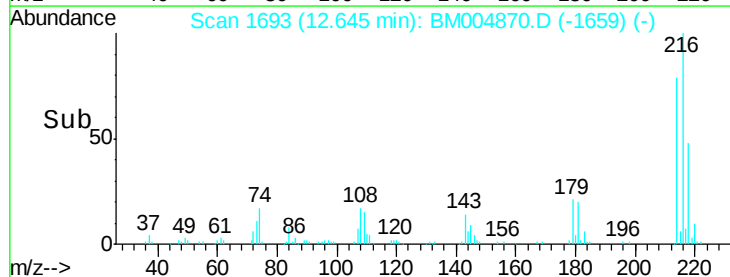
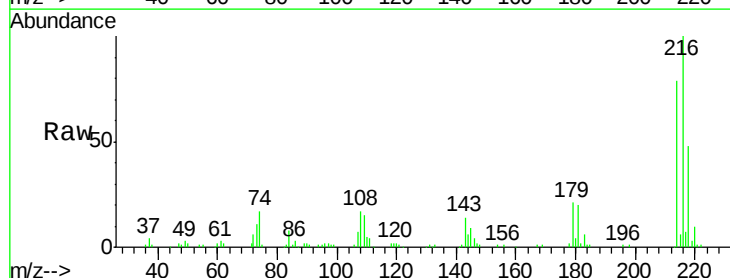
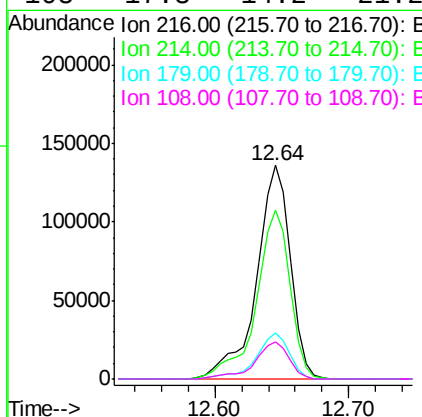
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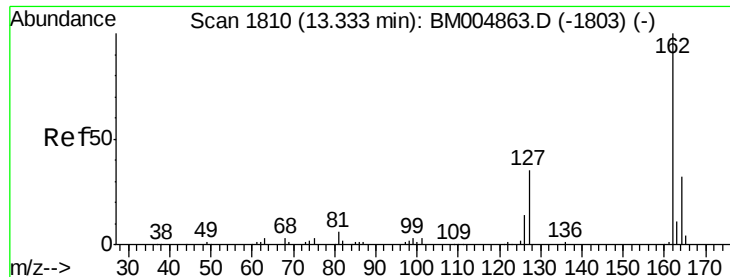
Tot Ion:108 Resp: 36759
Ion Ratio Lower Upper
108 100
107 94.3 72.4 108.6



#37
1,2,4,5-Tetrachlorobenzene
Concen: 55.98 ng/ul
RT: 12.64 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BM004870.D
Acq: 02 Apr 2016 09:55

Tgt Ion:216 Resp: 239070
Ion Ratio Lower Upper
216 100
214 79.0 62.5 93.7
179 21.5 18.2 27.2
108 17.3 14.2 21.2

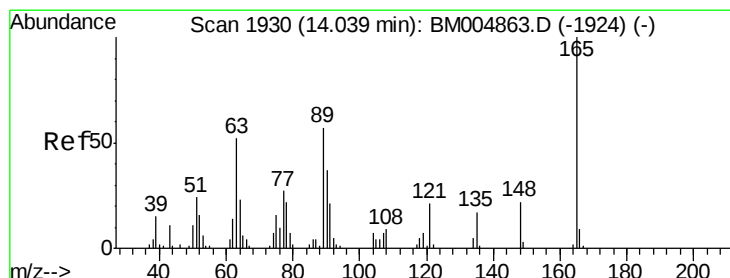
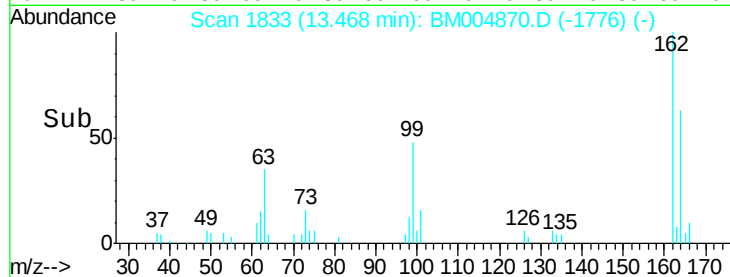
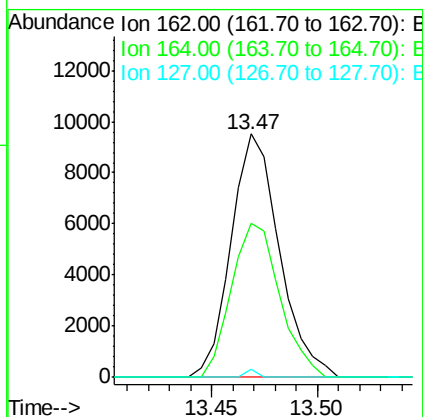
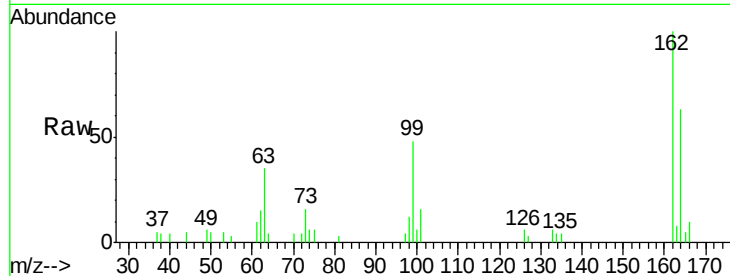




#42
 2-Chloronaphthalene
 Concen: 1.78 ng/ul
 RT: 13.47 min Scan# 1833
 Delta R.T. 0.14 min
 Lab File: BM004870.D
 Acq: 02 Apr 2016 09:55

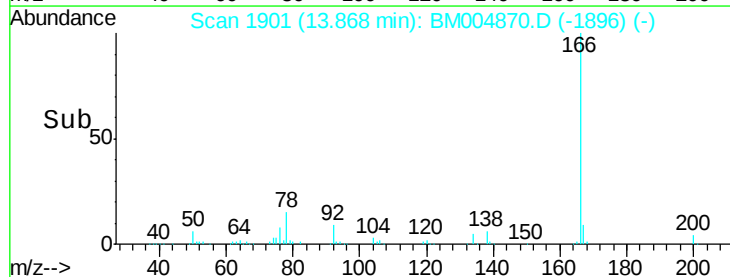
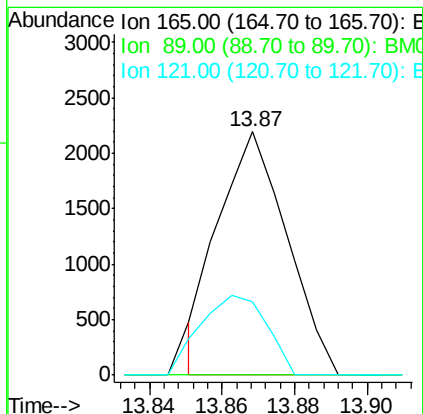
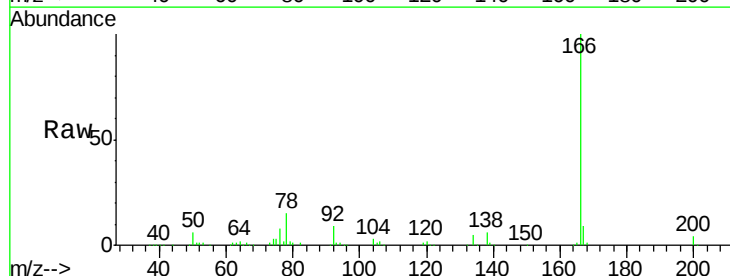
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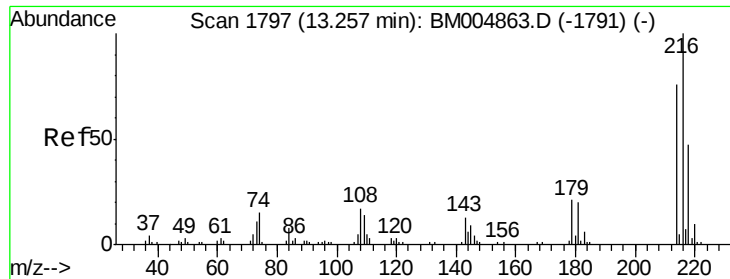
Tot Ion:162 Resp: 15060
 Ion Ratio Lower Upper
 162 100
 164 63.3 25.9 38.9#
 127 3.2 34.1 51.1#



#46
 2,6-Dinitrotoluene
 Concen: 1.34 ng/ul
 RT: 13.87 min Scan# 1901
 Delta R.T. -0.17 min
 Lab File: BM004870.D
 Acq: 02 Apr 2016 09:55

Tgt Ion:165 Resp: 2896
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 30.1 16.6 24.8#

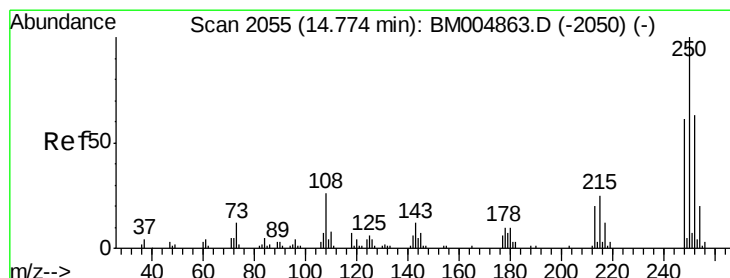
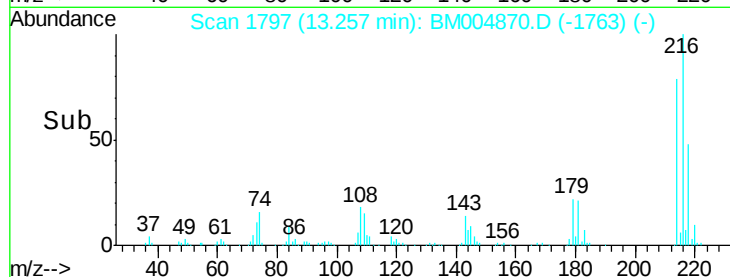
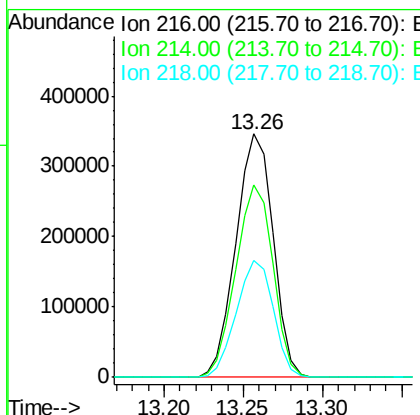
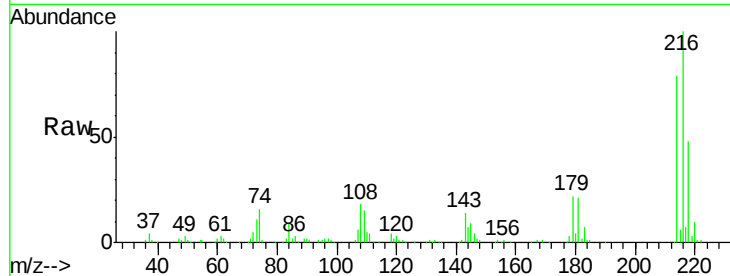




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 138.93 ng/uL
 RT: 13.26 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BM004870.D
 Acq: 02 Apr 2016 09:55

Instrument :
 BNA_M
 ClientSampleId :
 C0AG1

Tot Ion:216 Resp: 564772
 Ion Ratio Lower Upper
 216 100
 214 79.1 62.5 93.7
 218 48.0 38.4 57.6



#74
 Pentachlorobenzene
 Concen: 4.73 ng/uL
 RT: 14.77 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BM004870.D
 Acq: 02 Apr 2016 09:55

Tgt Ion:250 Resp: 19193
 Ion Ratio Lower Upper
 250 100
 248 60.8 50.6 75.8
 252 64.5 51.4 77.0

