

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004642.D
 Acq On : 16 Mar 2016 18:41
 Operator : UM/SJ
 Sample : H1783-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 00:59:43 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 00:56:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	63930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	281065	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	151141	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	331621	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	367835	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	367528	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	2410	1.30	ng/uL	0.00
5) Phenol-d5	7.00	99	40882	7.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	115589	38.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	125634	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	78313	18.49	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	70650	36.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	74349	35.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	134723	32.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1290	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	444602	37.63	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	554055	38.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	9861	4.32	ng/ul	0.00
58) Fluorene-d10	15.47	176	397083	38.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	46203	26.51	ng/ul	0.00
71) Anthracene-d10	17.32	188	597990	39.17	ng/ul	0.00
79) Pyrene-d10	19.61	212	671665	40.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	713147	43.44	ng/ul	0.00

Target Compounds

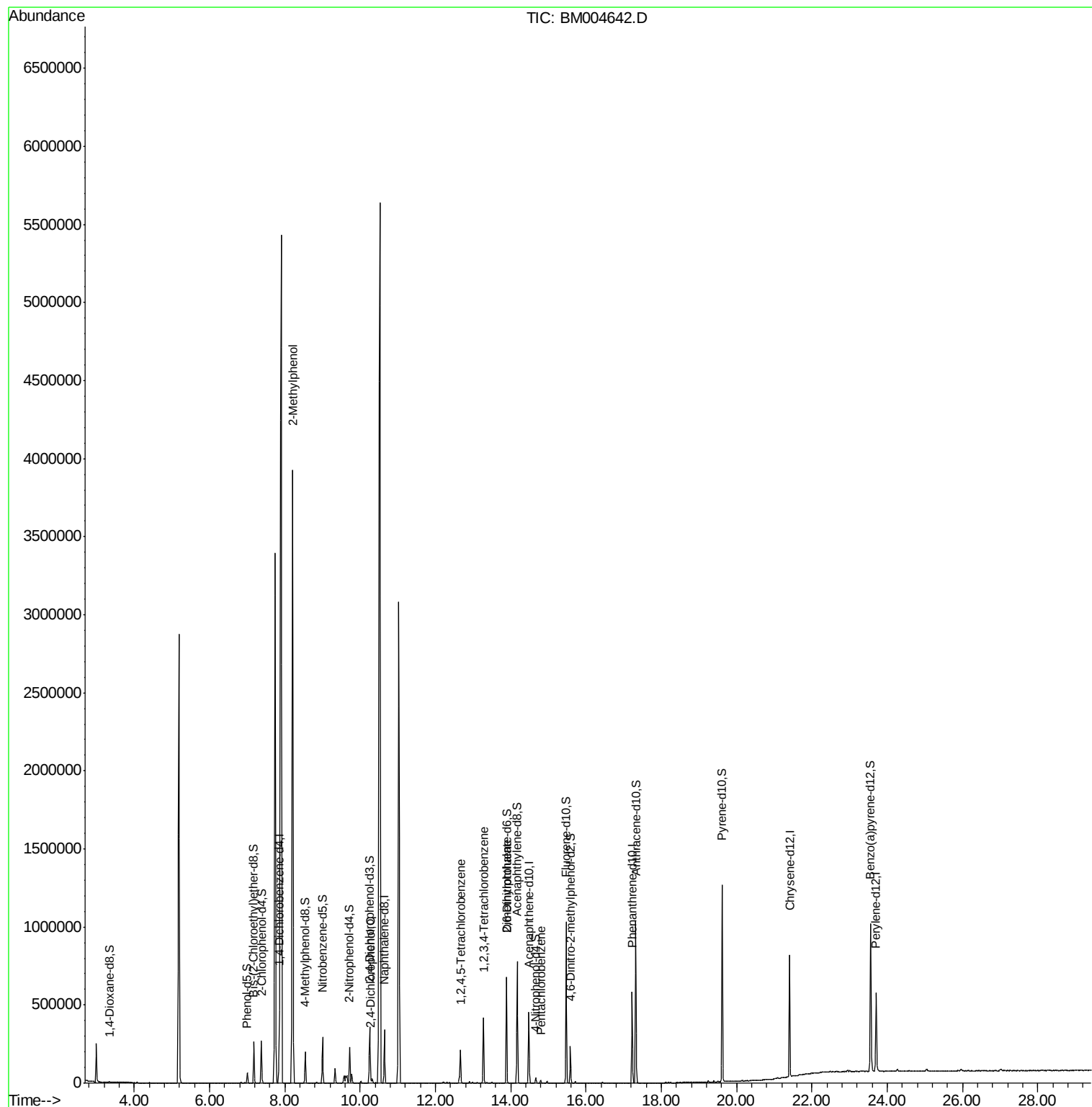
						Ovalue
11) 2-Methylphenol	8.20	108	14914	3.51	ng/ul	92
27) 2,4-Dichlorophenol	10.28	162	7470	1.75	ng/ul#	78
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	64991	13.46	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	3014	1.41	ng/ul#	37
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	131530	28.83	ng/uL	100
74) Pentachlorobenzene	14.79	250	6329	1.44	ng/uL	94

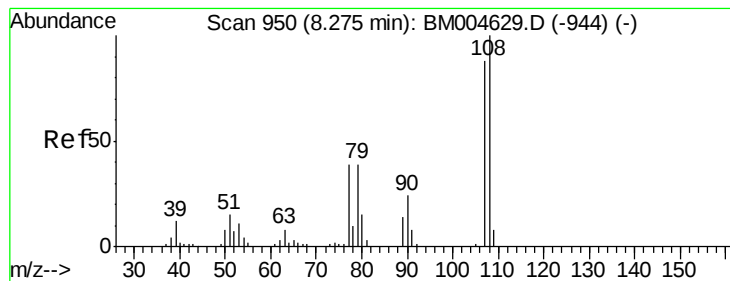
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 3.51 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. -0.07 min

Lab File: BM004642.D

Acq: 16 Mar 2016 18:41

Instrument :

BNA_M

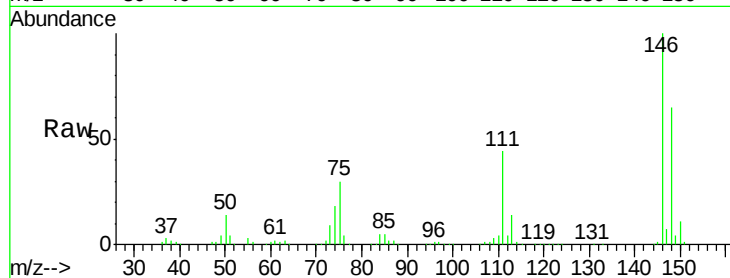
ClientSampled :

Tot Ion:108 Resp: 14914

Ion Ratio Lower Upper

108 100

107 98.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.20

8000

6000

4000

2000

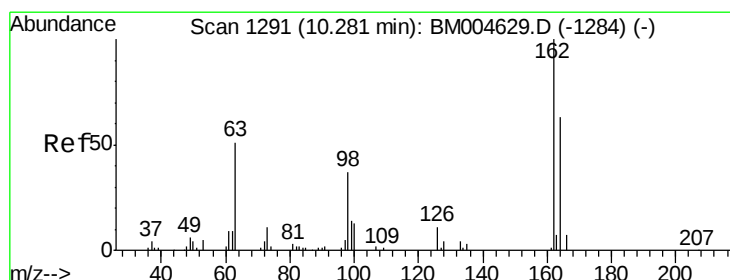
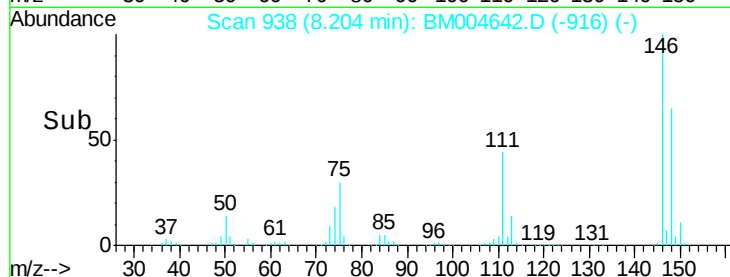
0

Time-->

8.15

8.20

8.25



#27

2,4-Dichlorophenol

Concen: 1.75 ng/ul

RT: 10.28 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BM004642.D

Acq: 16 Mar 2016 18:41

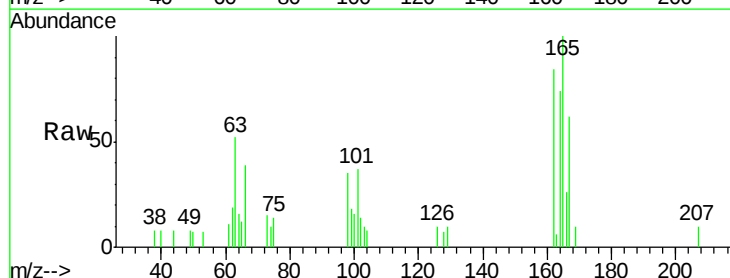
Tgt Ion:162 Resp: 7470

Ion Ratio Lower Upper

162 100

164 87.8 52.1 78.1#

98 41.3 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM0

8000

6000

4000

2000

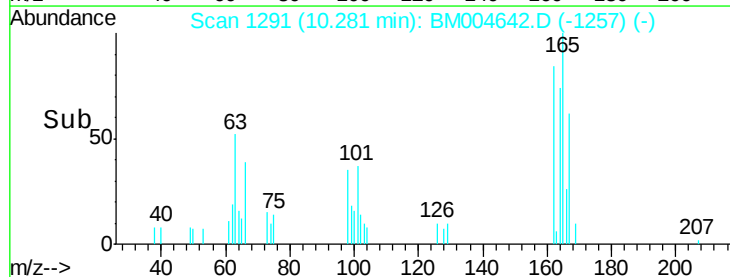
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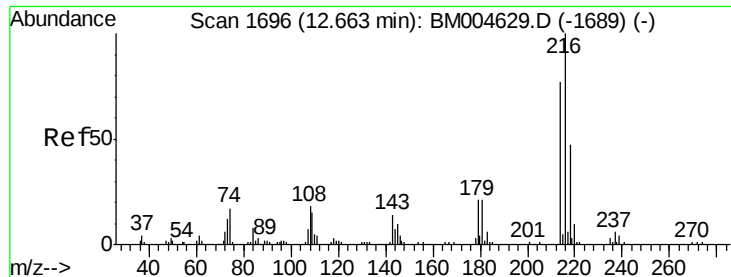
Time-->

10.25

10.28

10.30

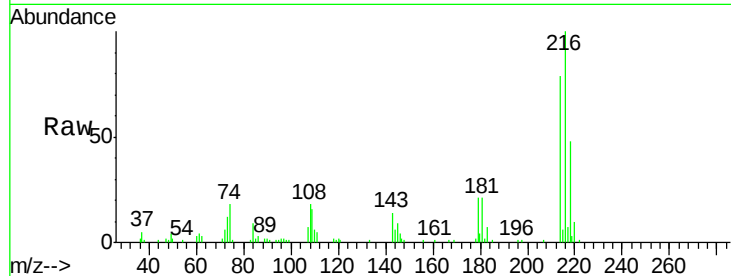




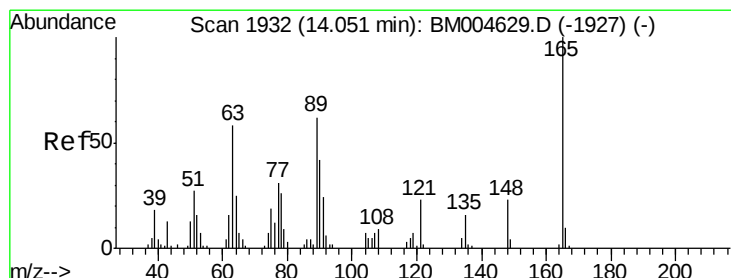
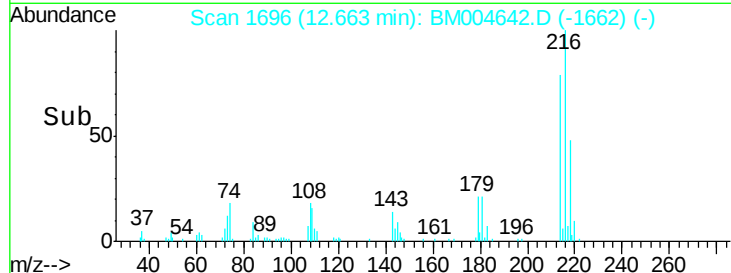
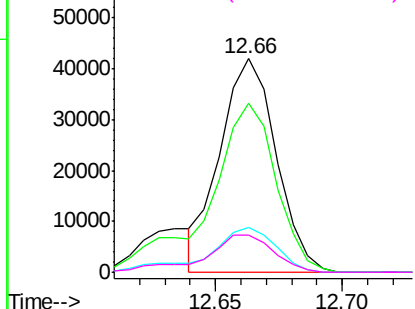
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 13.46 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM004642.D
 Acq: 16 Mar 2016 18:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	64991
Ion Ratio	Lower	Upper
216	100	
214	78.9	62.5 93.7
179	21.2	18.2 27.2
108	17.6	14.2 21.2

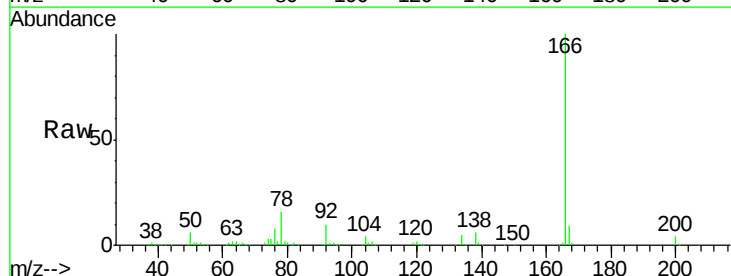


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

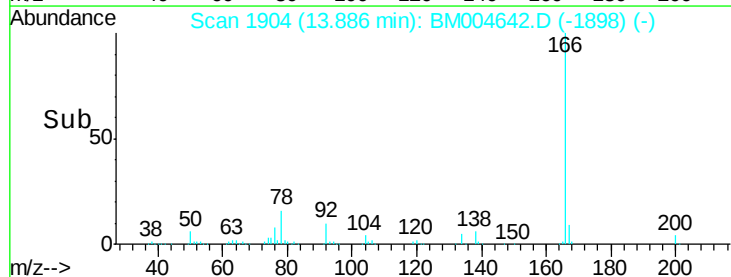
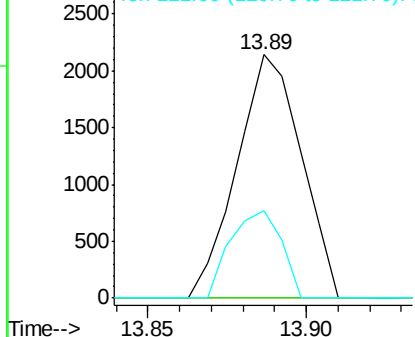


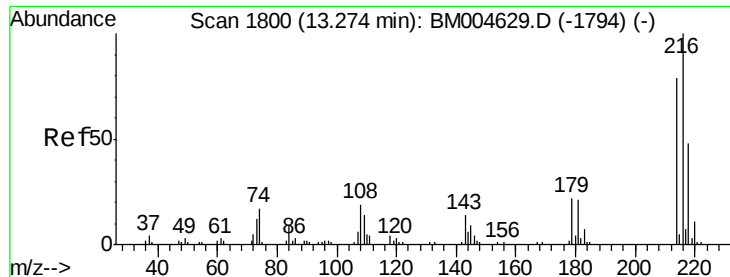
#46
 2,6-Dinitrotoluene
 Concen: 1.41 ng/ul
 RT: 13.89 min Scan# 1904
 Delta R.T. -0.16 min
 Lab File: BM004642.D
 Acq: 16 Mar 2016 18:41

Tgt Ion:165	Resp:	3014
Ion Ratio	Lower	Upper
165	100	
89	0.0	42.4 63.6#
121	36.0	16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

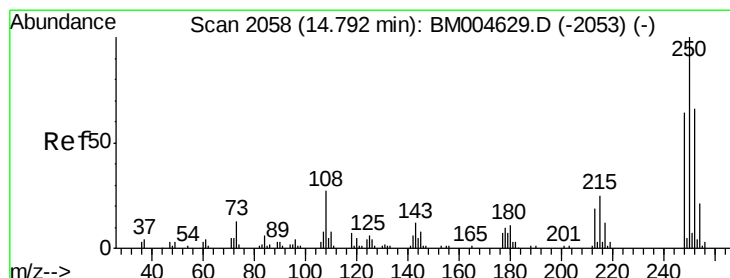
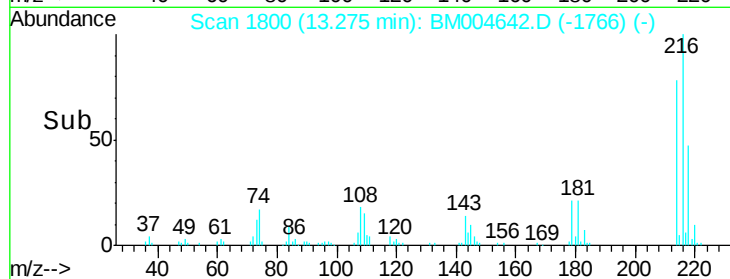
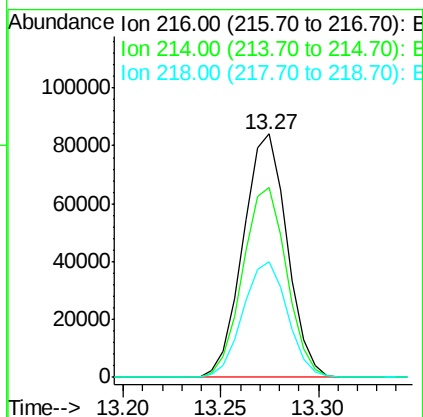
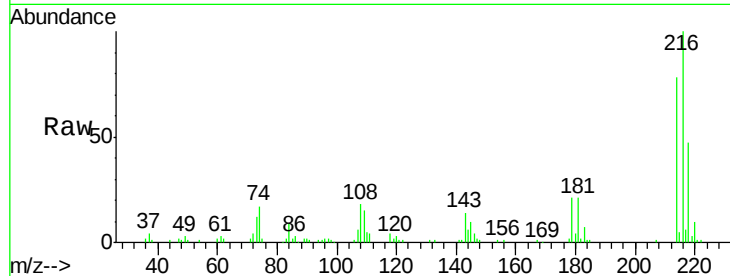




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.83 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM004642.D
 Acq: 16 Mar 2016 18:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 131530
 Ion Ratio Lower Upper
 216 100
 214 78.2 62.5 93.7
 218 47.4 38.4 57.6



#74
 Pentachlorobenzene
 Concen: 1.44 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BM004642.D
 Acq: 16 Mar 2016 18:41

Tgt Ion:250 Resp: 6329
 Ion Ratio Lower Upper
 250 100
 248 61.0 50.6 75.8
 252 56.7 51.4 77.0

