

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011613.D
 Acq On : 19 Sep 2017 20:26
 Operator : SJ/JU
 Sample : I5271-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH4

Quant Time: Sep 20 06:47:34 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	437489	20.00	ng/ul	0.04
18) Naphthalene-d8	10.80	136	1817676	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	1042907	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2368920	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2440551	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2155639	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	38079	3.92	ng/uL	0.00
5) Phenol-d5	7.12	99	192540	4.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	660188	23.32	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	607628	19.19	ng/ul	0.01
13) 4-Methylphenol-d8	8.67	113	358084	10.92	ng/ul	0.01
19) Nitrobenzene-d5	9.14	128	363072	26.31	ng/ul	0.01
22) 2-Nitrophenol-d4	9.86	143	387989	27.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	678770	23.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	55525	1.74	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2414080	27.38	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2865861	26.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	62415	3.77	ng/ul	0.00
58) Fluorene-d10	15.59	176	2055560	26.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	308069	22.35	ng/ul	0.00
71) Anthracene-d10	17.43	188	3297481	28.27	ng/ul	0.00
79) Pyrene-d10	19.72	212	3682955	32.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2946552	28.68	ng/ul	0.00

Target Compounds

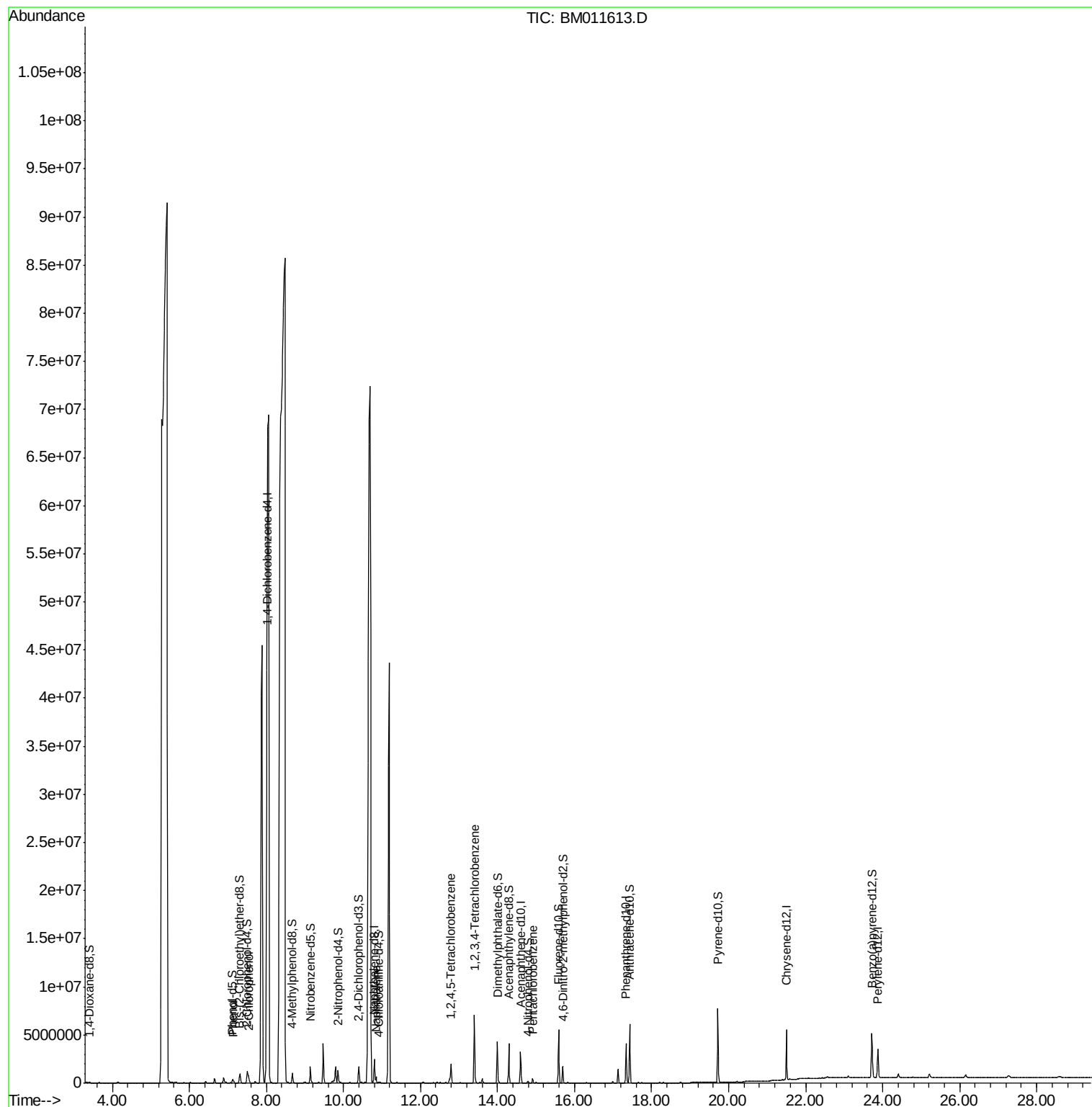
					Qvalue	
6) Phenol	7.15	94	59921	1.437	ng/ul#	91
10) 2-Chlorophenol	7.54	128	318319	10.307	ng/ul#	90
28) Naphthalene	10.85	128	464251	4.925	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	700846	22.654	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	2008820	63.637	ng/uL	99
74) Pentachlorobenzene	14.92	250	105106	3.283	ng/uL	96

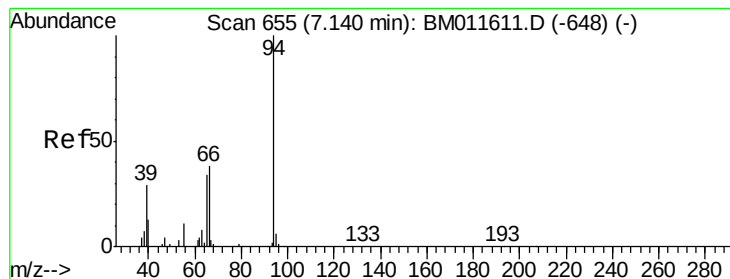
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.437 ng/ul

RT: 7.15 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM011613.D

Acq: 19 Sep 2017 20:26

Instrument :

BNA_M

ClientSampleId :

C0AH4

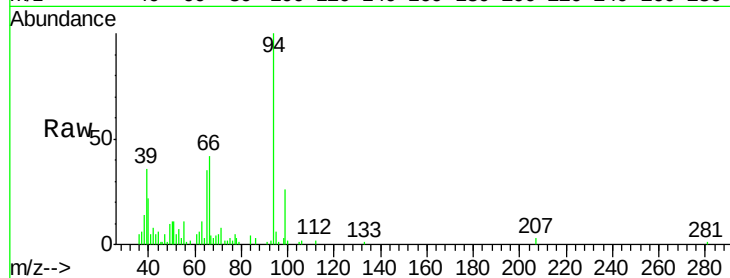
Tgt Ion: 94 Resp: 59921

Ion Ratio Lower Upper

94 100

65 35.3 23.0 34.6#

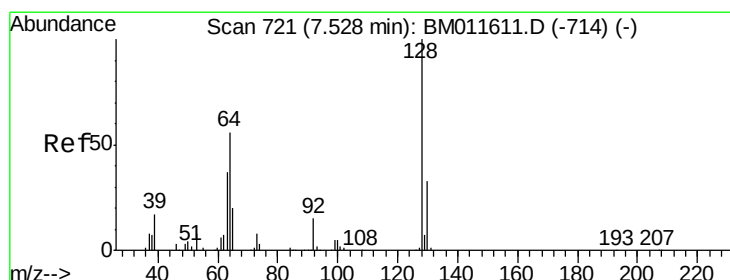
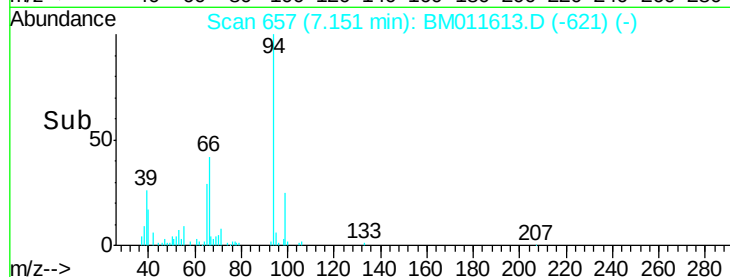
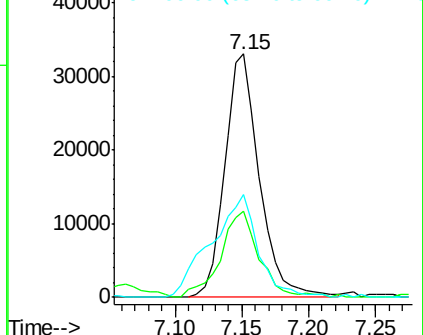
66 42.1 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM011613.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM011613.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM011613.D (-657) (-)



#10

2-Chlorophenol

Concen: 10.307 ng/ul

RT: 7.54 min Scan# 723

Delta R.T. 0.01 min

Lab File: BM011613.D

Acq: 19 Sep 2017 20:26

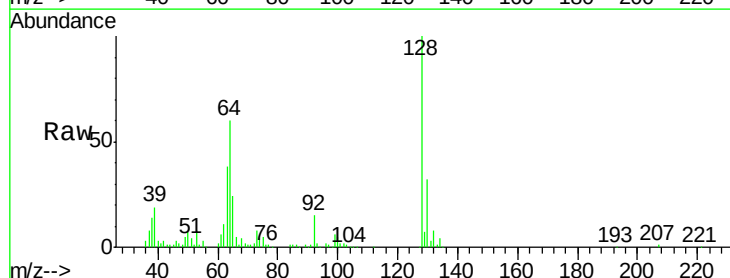
Tgt Ion: 128 Resp: 318319

Ion Ratio Lower Upper

128 100

64 60.4 39.8 59.6#

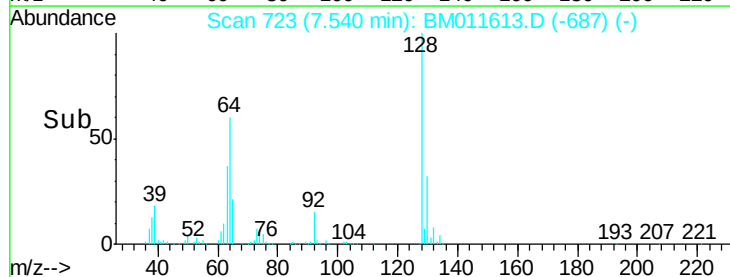
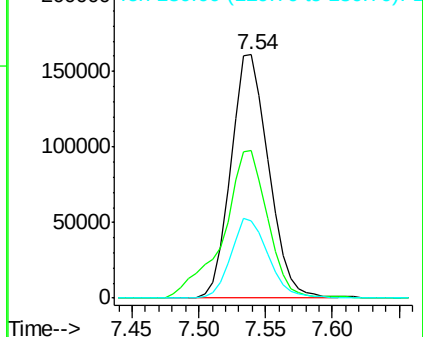
130 31.7 25.8 38.8

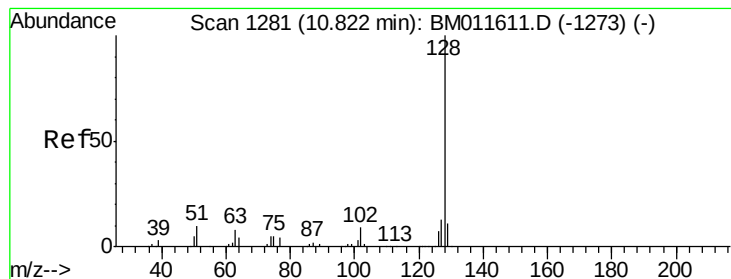


Abundance Ion 128.00 (127.70 to 128.70): BM011613.D (-723) (-)

Ion 64.00 (63.70 to 64.70): BM011613.D (-723) (-)

Ion 130.00 (129.70 to 130.70): BM011613.D (-723) (-)





#28

Naphthalene

Concen: 4.925 ng/ul

RT: 10.85 min Scan# 1285

Delta R.T. 0.02 min

Lab File: BM011613.D

Acq: 19 Sep 2017 20:26

Instrument :

BNA_M

ClientSampleId :

C0AH4

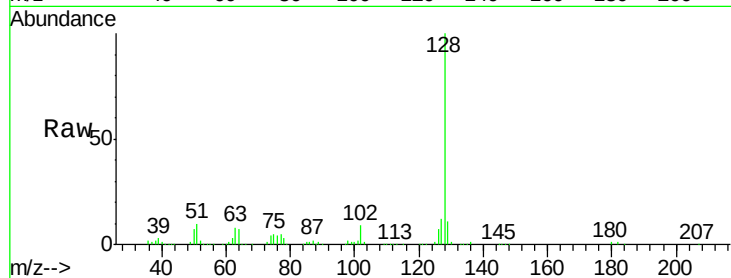
Tgt Ion:128 Resp: 464251

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

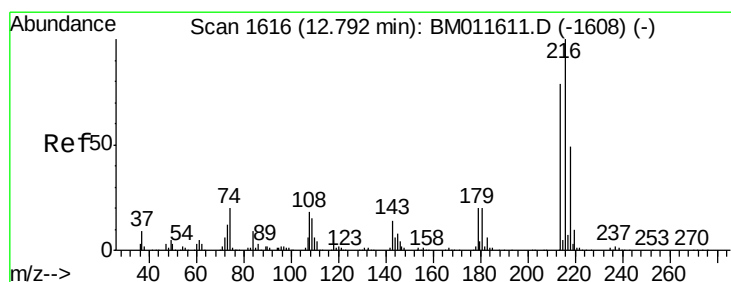
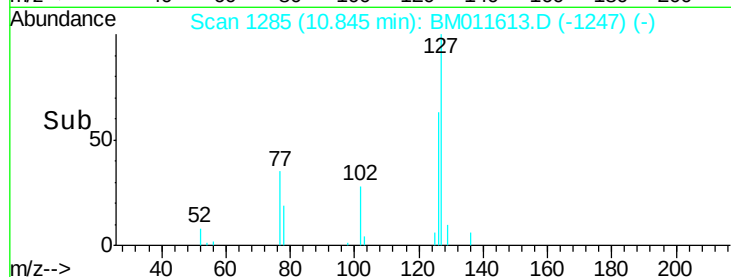
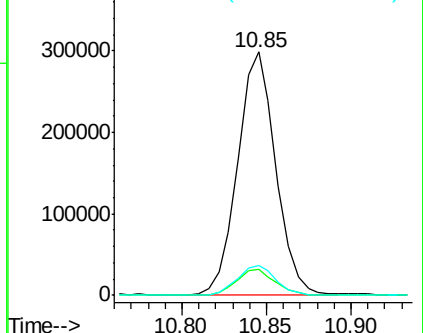
127 12.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 22.654 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BM011613.D

Acq: 19 Sep 2017 20:26

Tgt Ion:216 Resp: 700846

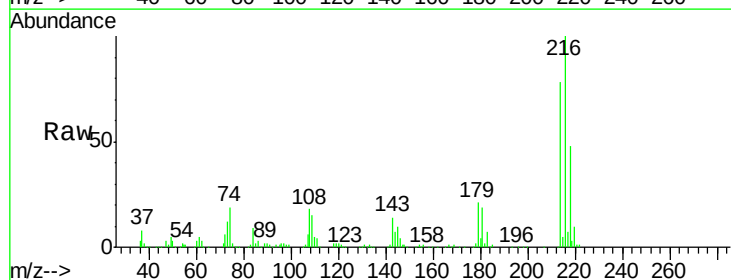
Ion Ratio Lower Upper

216 100

214 78.1 64.1 96.1

179 20.9 14.5 21.7

108 18.1 10.4 15.6#

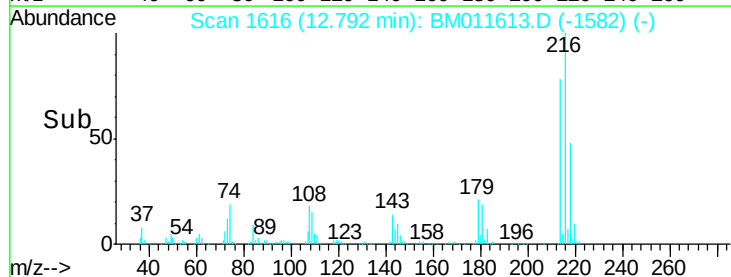
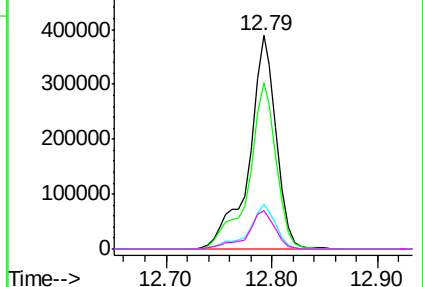


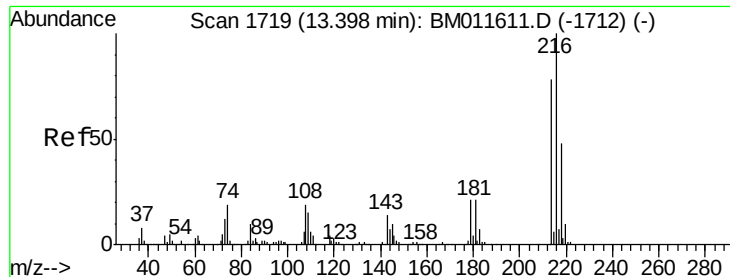
Abundance Ion 216.00 (215.70 to 216.70): E

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

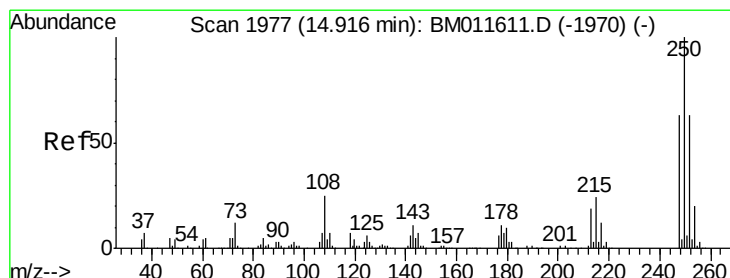
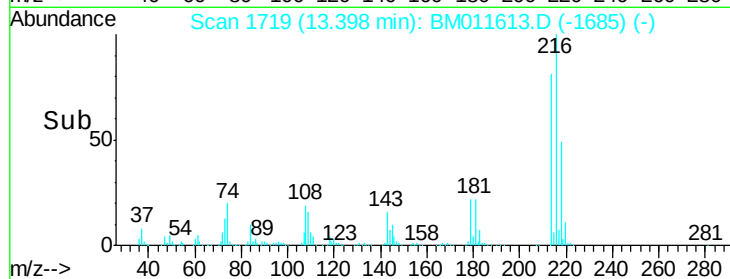
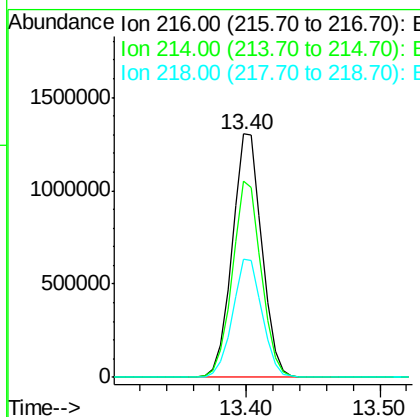
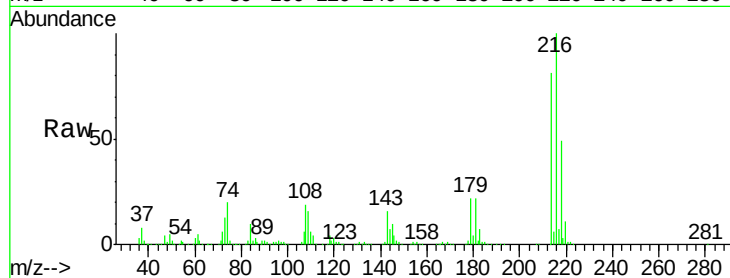




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 63.637 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM011613.D
 Acq: 19 Sep 2017 20:26

Instrument :
 BNA_M
 ClientSampleId :
 C0AH4

Tgt Ion:216 Resp: 2008820
 Ion Ratio Lower Upper
 216 100
 214 80.7 64.1 96.1
 218 48.7 39.4 59.0



#74
 Pentachlorobenzene
 Concen: 3.283 ng/uL
 RT: 14.92 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM011613.D
 Acq: 19 Sep 2017 20:26

Tgt Ion:250 Resp: 105106
 Ion Ratio Lower Upper
 250 100
 248 59.9 51.4 77.2
 252 64.5 49.8 74.6

