

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011630.D
 Acq On : 20 Sep 2017 10:36
 Operator : SJ/JU
 Sample : I5271-12DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH3DL

Quant Time: Sep 21 01:46:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	416869	20.00	ng/ul	0.02
18) Naphthalene-d8	10.79	136	1671079	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	953030	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2158905	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2208603	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1958855	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	4640	0.50	ng/uL	0.00
5) Phenol-d5	7.12	99	87489	2.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	318572	11.81	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	284300	9.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	172551	5.52	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	164591	12.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	171708	13.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	314773	11.86	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	22049	0.75	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	1131512	14.04	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1307657	13.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	16841	1.11	ng/ul	0.02
58) Fluorene-d10	15.59	176	965606	13.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	127334	10.14	ng/ul	0.00
71) Anthracene-d10	17.43	188	1530835	14.40	ng/ul	0.00
79) Pyrene-d10	19.72	212	1738559	16.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1361622	14.59	ng/ul	0.00

Target Compounds

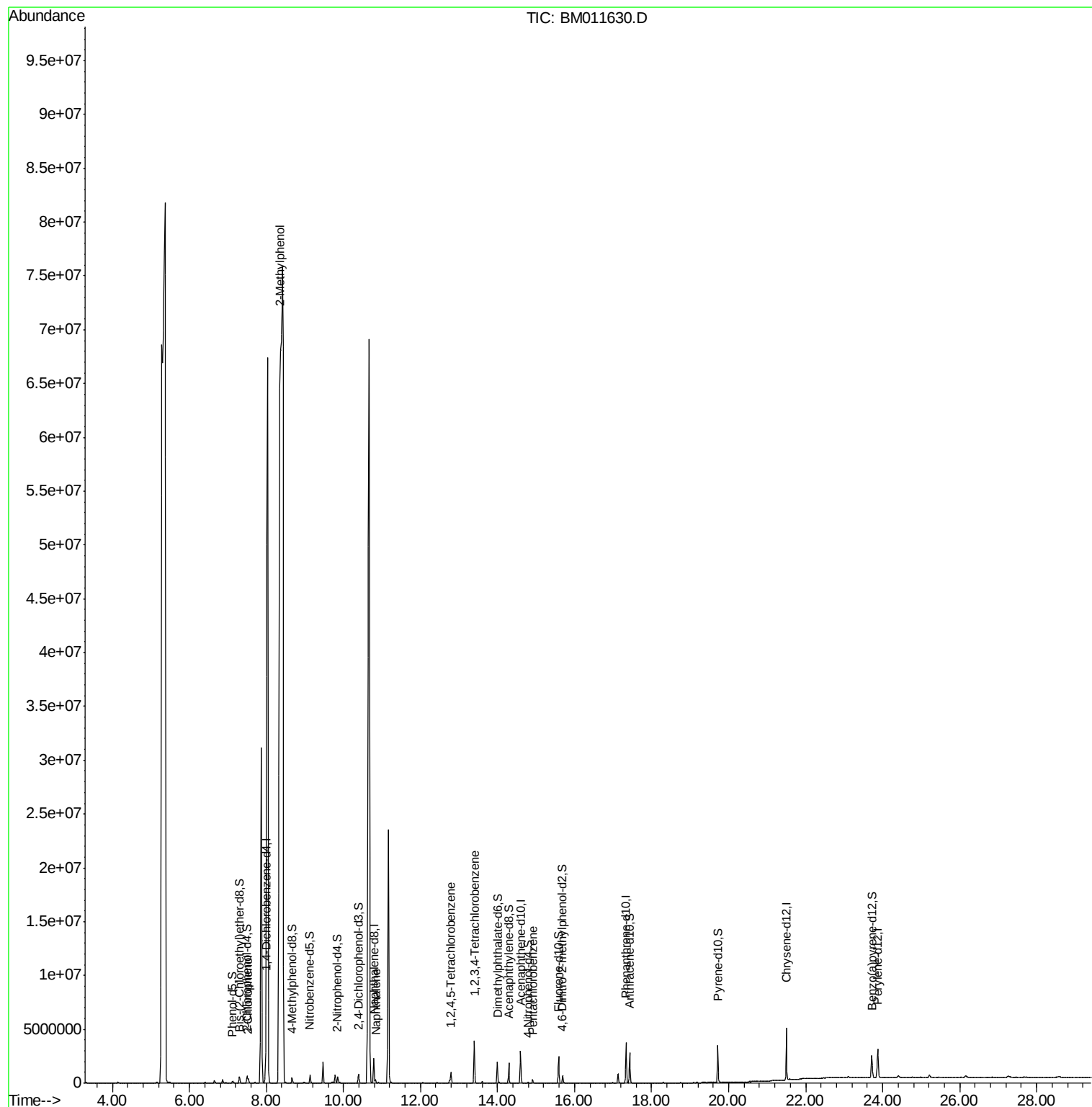
					Ovalue
10) 2-Chlorophenol	7.53	128	153971	5.232	ng/ul 91
11) 2-Methylphenol	8.36	108	478540	15.884	ng/ul 98
28) Naphthalene	10.83	128	223276	2.577	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	379407	13.421	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1129628	39.266	ng/uL 99
74) Pentachlorobenzene	14.91	250	71334	2.445	ng/uL 99

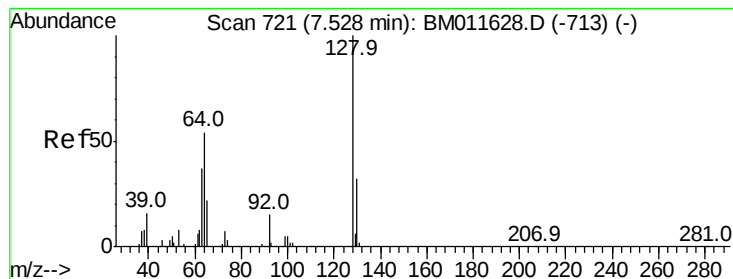
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 5.232 ng/ul

RT: 7.53 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM011630.D

Acq: 20 Sep 2017 10:36

Instrument :

BNA_M

ClientSampleId :

C0AH3DL

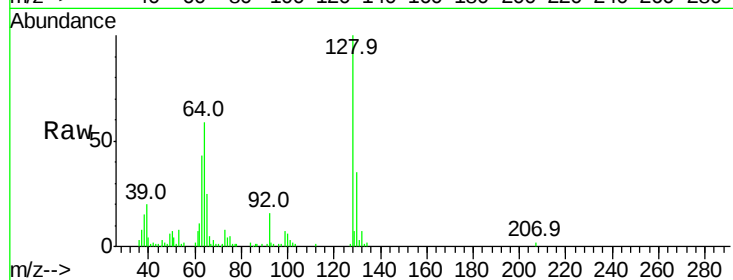
Tot Ion:128 Resp: 153971

Ion Ratio Lower Upper

128 100

64 58.5 39.8 59.6

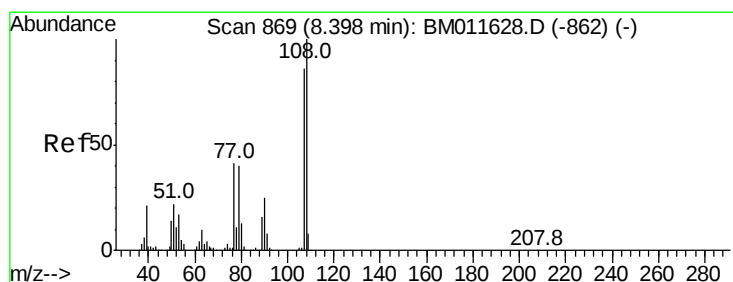
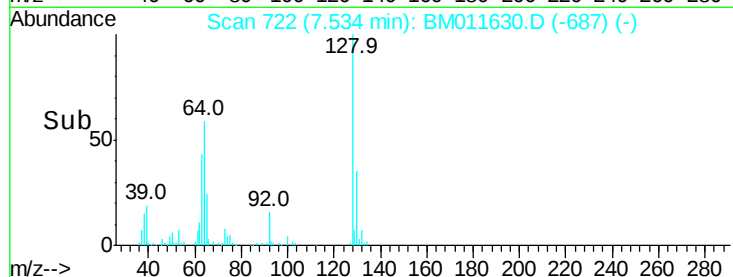
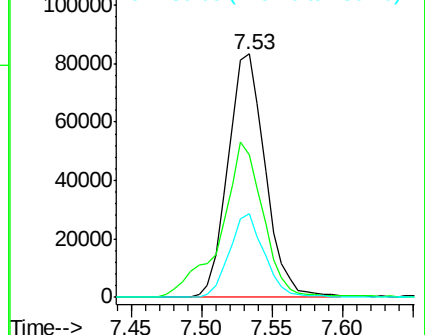
130 34.5 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 15.884 ng/ul

RT: 8.36 min Scan# 863

Delta R.T. -0.04 min

Lab File: BM011630.D

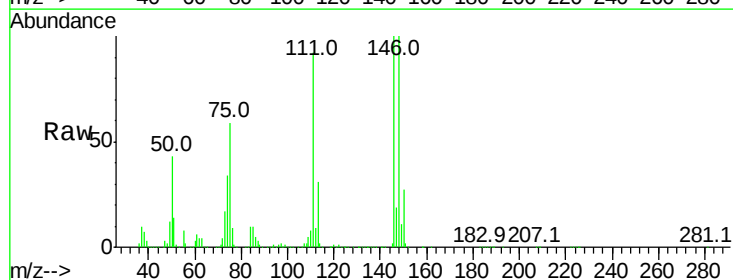
Acq: 20 Sep 2017 10:36

Tgt Ion:108 Resp: 478540

Ion Ratio Lower Upper

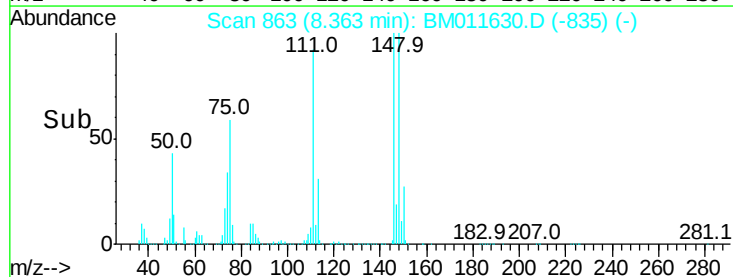
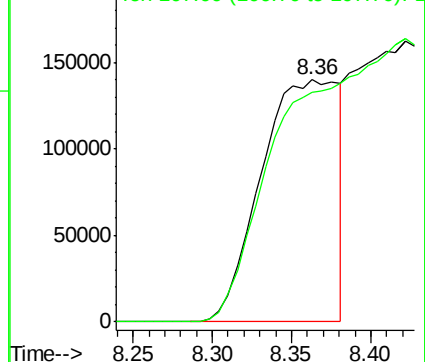
108 100

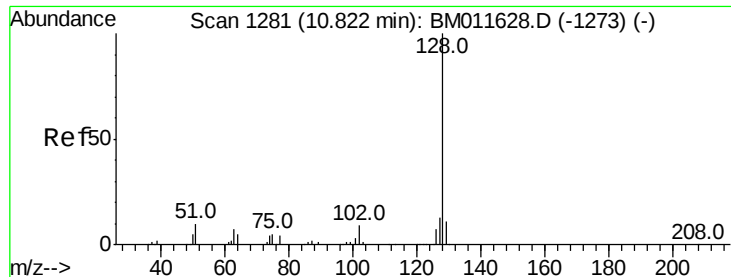
107 94.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#28

Naphthalene

Concen: 2.577 ng/ul

RT: 10.83 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BM011630.D

Acq: 20 Sep 2017 10:36

Instrument :

BNA_M

ClientSampleId :

C0AH3DL

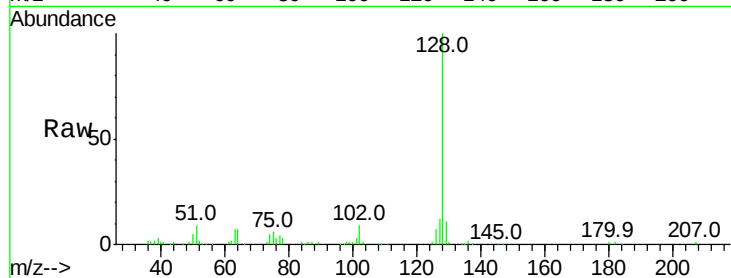
Tot Ion:128 Resp: 223276

Ion Ratio Lower Upper

128 100

129 11.0 8.3 12.5

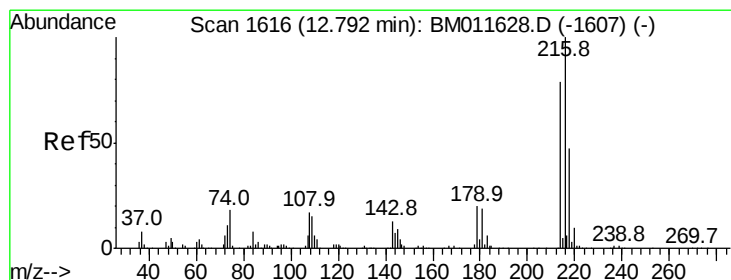
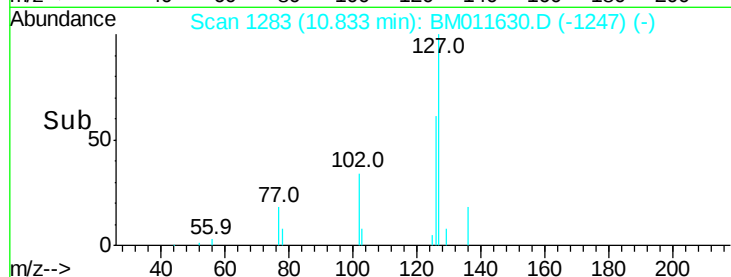
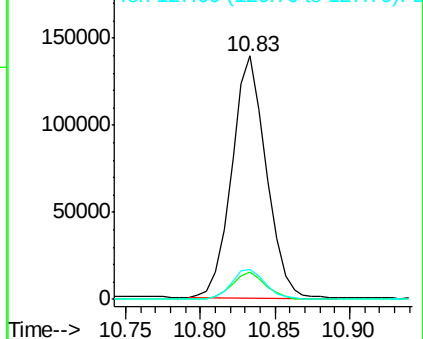
127 12.0 10.8 16.2



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: 13.421 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BM011630.D

Acq: 20 Sep 2017 10:36

Tgt Ion:216 Resp: 379407

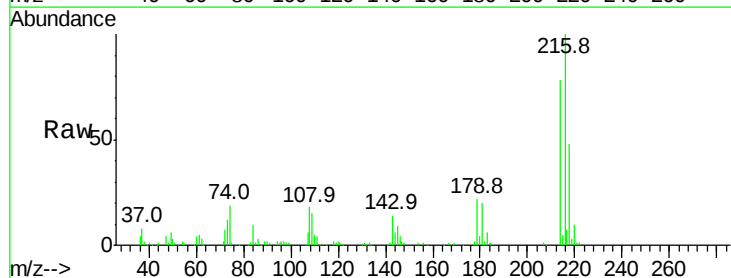
Ion Ratio Lower Upper

216 100

214 78.4 64.1 96.1

179 22.2 14.5 21.7#

108 17.7 10.4 15.6#

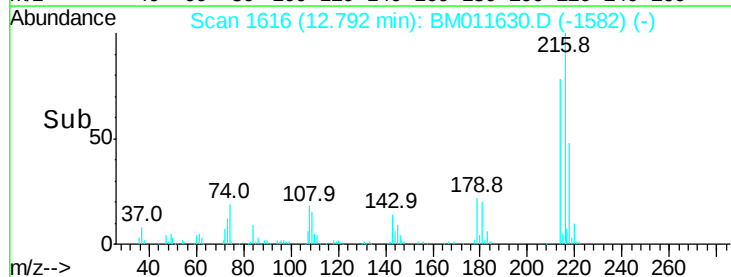
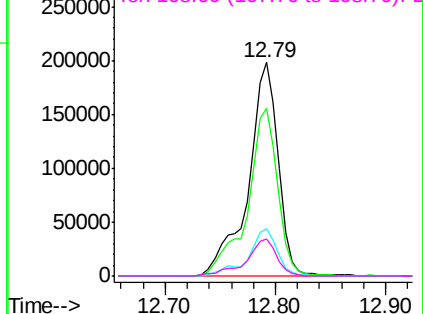


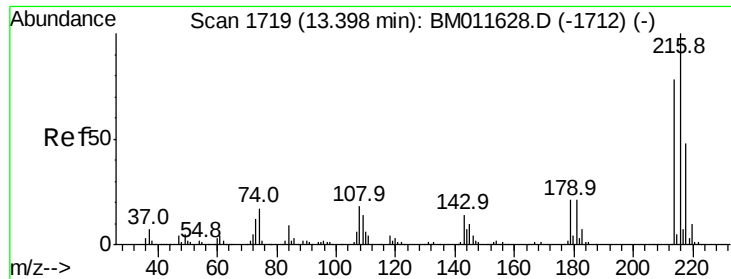
Abundance Ion 216.00 (215.70 to 216.70): E

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

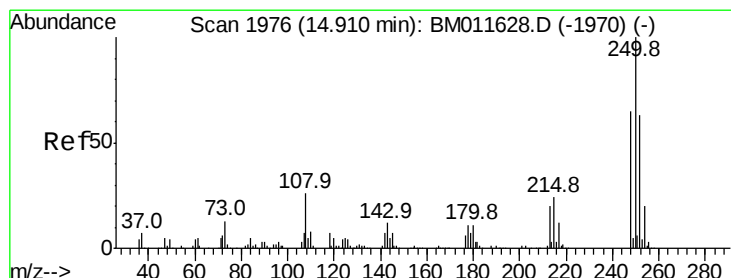
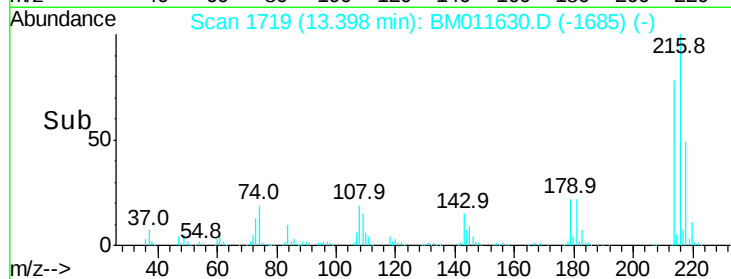
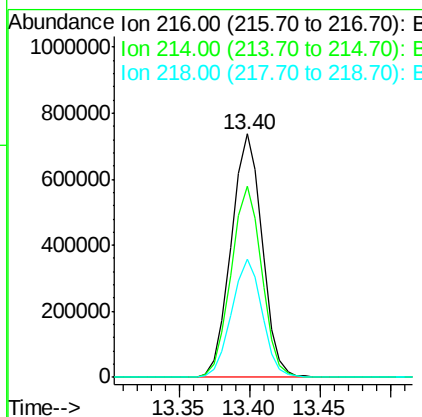
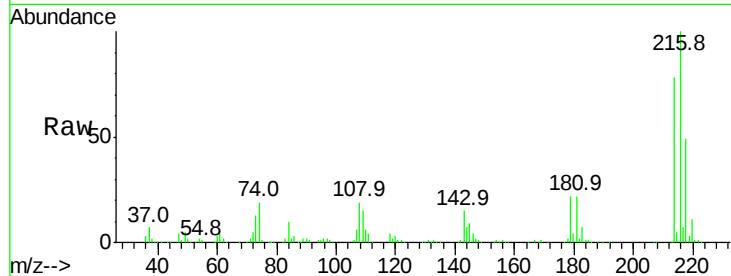




#73
1,2,3,4-Tetrachlorobenzene
Concen: 39.266 ng/uL
RT: 13.40 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM011630.D
Acq: 20 Sep 2017 10:36

Instrument :
BNA_M
ClientSampleId :
C0AH3DL

Tot Ion:216 Resp: 1129628
Ion Ratio Lower Upper
216 100
214 78.5 64.1 96.1
218 48.6 39.4 59.0



#74
Pentachlorobenzene
Concen: 2.445 ng/uL
RT: 14.91 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM011630.D
Acq: 20 Sep 2017 10:36

Tgt Ion:250 Resp: 71334
Ion Ratio Lower Upper
250 100
248 64.5 51.4 77.2
252 64.1 49.8 74.6

