

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011621.D
 Acq On : 20 Sep 2017 01:17
 Operator : SJ/JU
 Sample : I5273-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

Quant Time: Sep 20 05:51:54 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	8.02	152	250695	20.00	ng/ul	0.05
18) Naphthalene-d8	10.80	136	1622271	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.60	164	927871	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2084935	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2297031	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2149354	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	38567	6.92	ng/uL	0.00
5) Phenol-d5	7.12	99	215000	8.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	765718	47.20	ng/ul	0.04
9) 2-Chlorophenol-d4	7.51	132	694673	38.29	ng/ul	0.02
13) 4-Methylphenol-d8	8.67	113	398809	21.22	ng/ul	0.01
19) Nitrobenzene-d5	9.15	128	430358	34.95	ng/ul	0.02
22) 2-Nitrophenol-d4	9.86	143	469951	36.71	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.40	165	803410	31.18	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	25528	0.90	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2712092	34.57	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3304643	34.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	89638	6.08	ng/ul	0.00
58) Fluorene-d10	15.59	176	2322938	34.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	413097	34.05	ng/ul	0.00
71) Anthracene-d10	17.43	188	3689563	35.94	ng/ul	0.00
79) Pyrene-d10	19.72	212	4127198	38.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3749011	36.60	ng/ul	0.00

Target Compounds

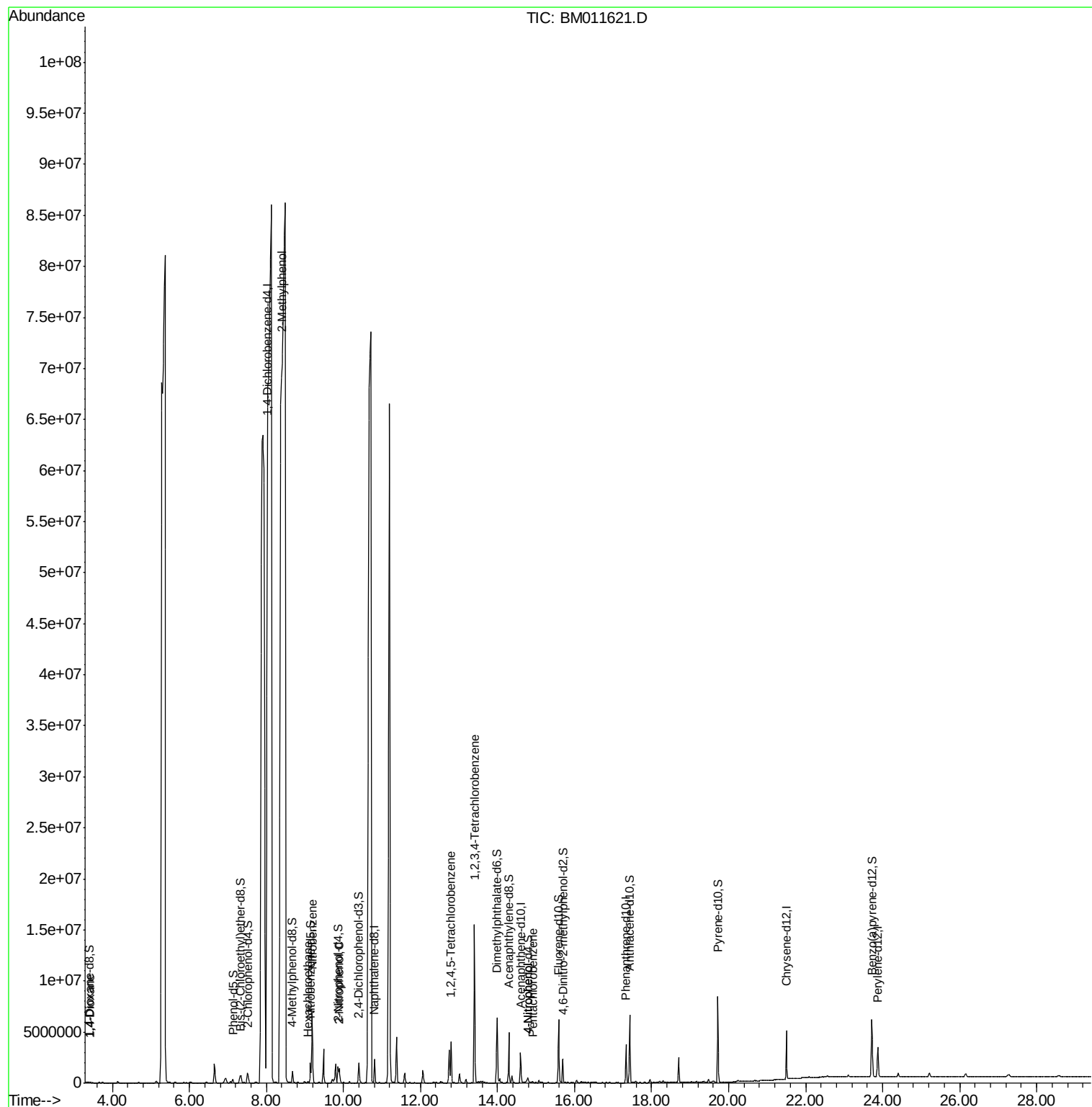
					Ovalue	
2) 1,4-Dioxane	3.43	88	9512	1.557	ng/uL#	22
11) 2-Methylphenol	8.39	108	430282	23.749	ng/ul	97
17) Hexachloroethane	9.07	117	19926	2.945	ng/ul	83
20) Nitrobenzene	9.19	77	3459697	119.474	ng/ul	95
23) 2-Nitrophenol	9.89	139	384637	28.595	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	1342865	48.789	ng/ul#	96
53) 4-Nitrophenol	14.79	109	40841	4.311	ng/ul#	64
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	4350995	156.608	ng/uL	99
74) Pentachlorobenzene	14.91	250	31171	1.106	ng/uL	97

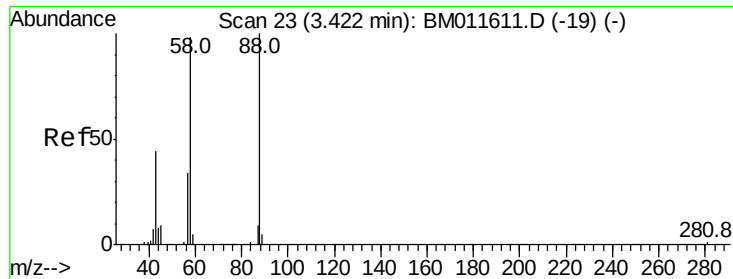
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.557 ng/uL

RT: 3.43 min Scan# 24

Delta R.T. 0.01 min

Lab File: BM011621.D

Acq: 20 Sep 2017 01:17

Instrument :

BNA_M

ClientSampleId :

C0AJ8

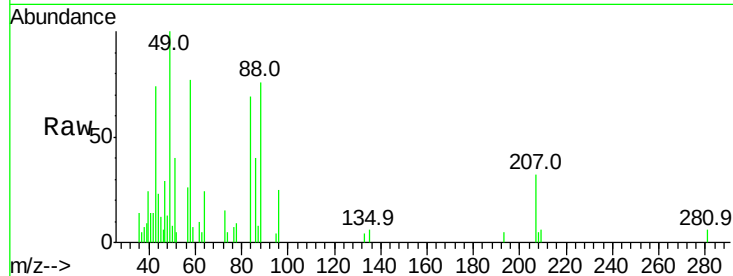
Tot Ion: 88 Resp: 9512

Ion Ratio Lower Upper

88 100

43 98.1 29.0 43.4#

58 102.0 45.9 68.9#



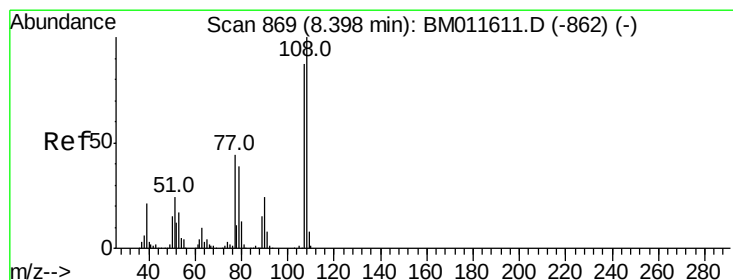
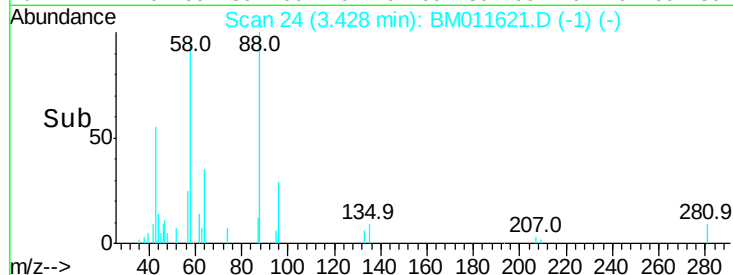
Abundance Ion 88.00 (87.70 to 88.70): BM011621.D (-19) (-)

Ion 43.00 (42.70 to 43.70): BM011621.D (-19) (-)

Ion 58.00 (57.70 to 58.70): BM011621.D (-19) (-)

3.43

Time-->



#11

2-Methylphenol

Concen: 23.749 ng/uL

RT: 8.39 min Scan# 868

Delta R.T. -0.01 min

Lab File: BM011621.D

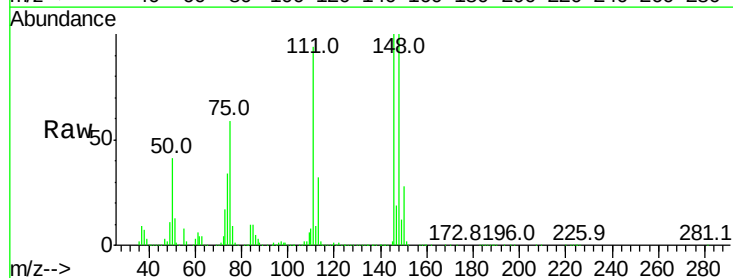
Acq: 20 Sep 2017 01:17

Tgt Ion: 108 Resp: 430282

Ion Ratio Lower Upper

108 100

107 95.7 74.1 111.1

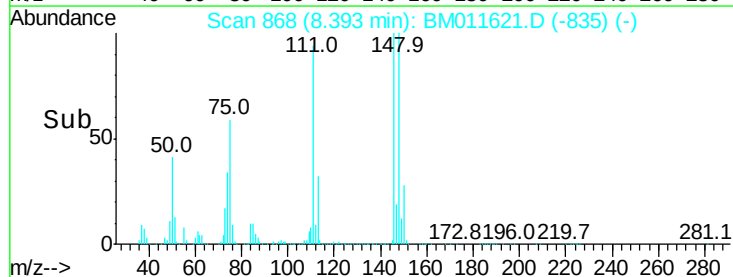


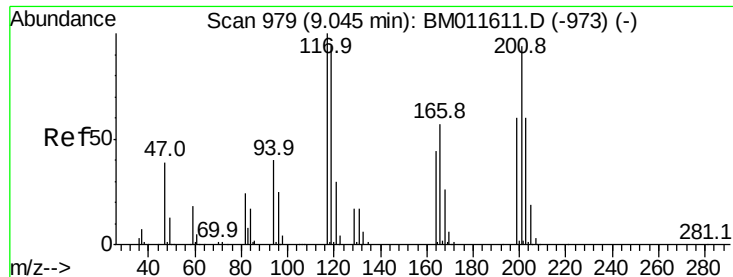
Abundance Ion 108.00 (107.70 to 108.70): BM011621.D (-862) (-)

Ion 107.00 (106.70 to 107.70): BM011621.D (-862) (-)

8.39

Time-->

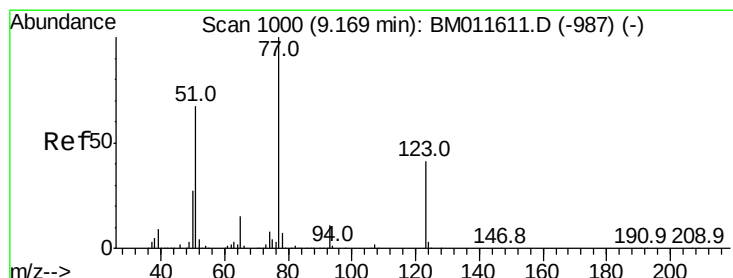
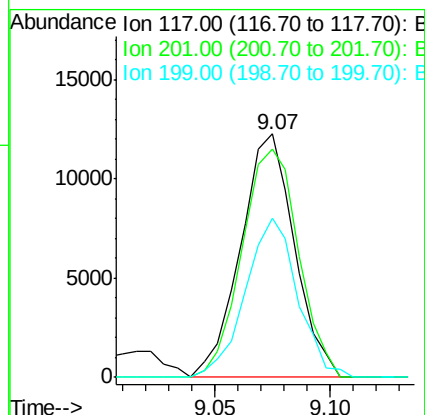
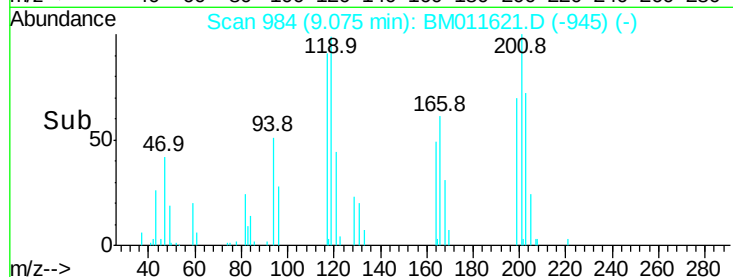
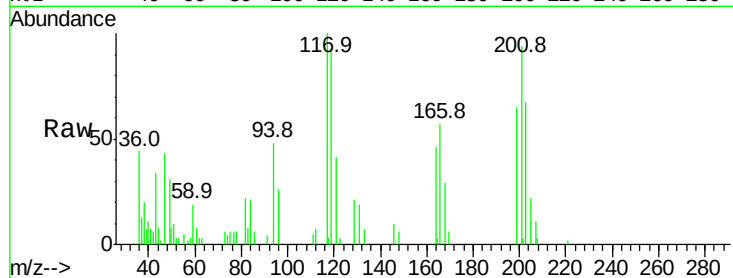




#17
Hexachloroethane
Concen: 2.945 ng/ul
RT: 9.07 min Scan# 984
Delta R.T. 0.03 min
Lab File: BM011621.D
Acq: 20 Sep 2017 01:17

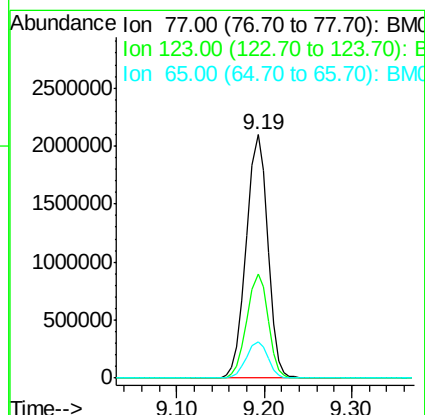
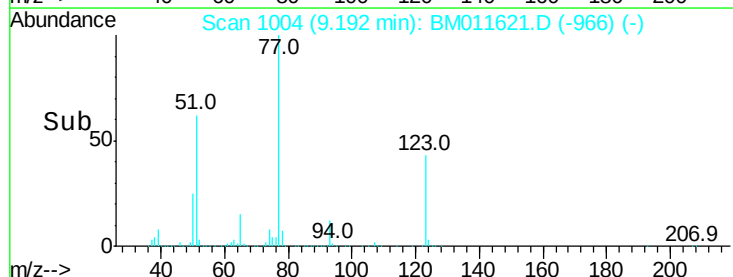
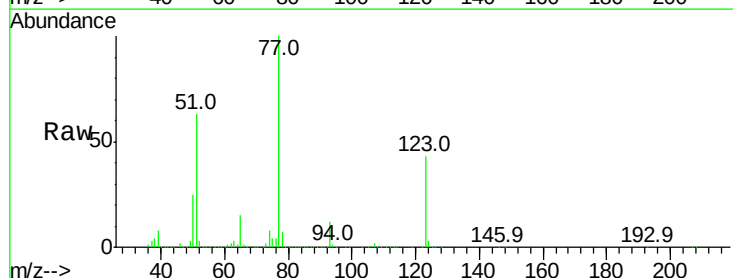
Instrument :
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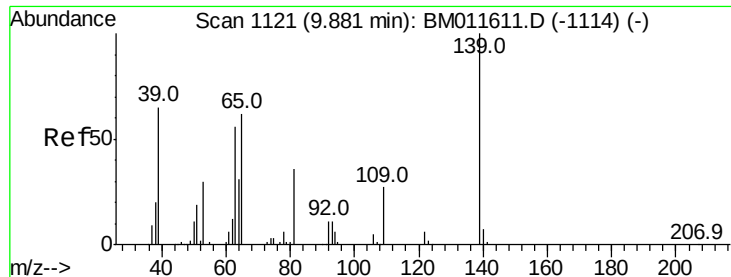
Tot Ion:117 Resp: 19926
Ion Ratio Lower Upper
117 100
201 96.4 96.1 144.1
199 65.2 59.7 89.5



#20
Nitrobenzene
Concen: 119.474 ng/ul
RT: 9.19 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BM011621.D
Acq: 20 Sep 2017 01:17

Tgt Ion: 77 Resp: 3459697
Ion Ratio Lower Upper
77 100
123 43.0 31.8 47.8
65 14.8 10.6 16.0

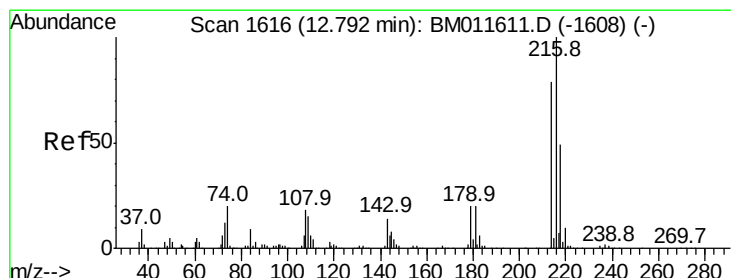
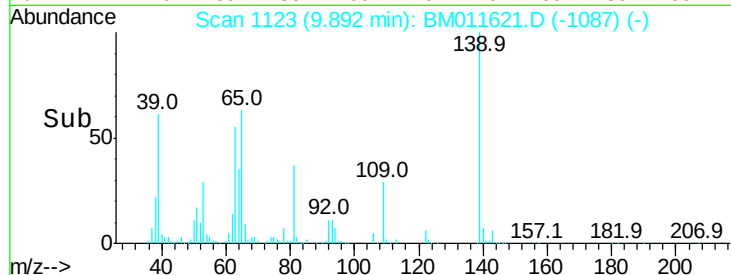
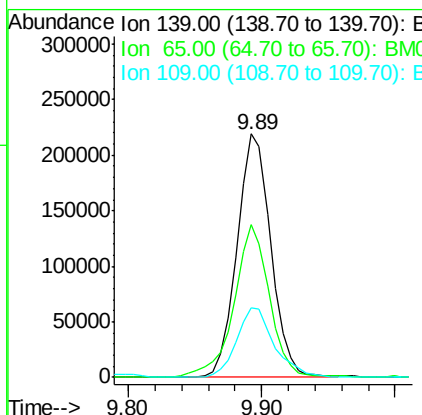
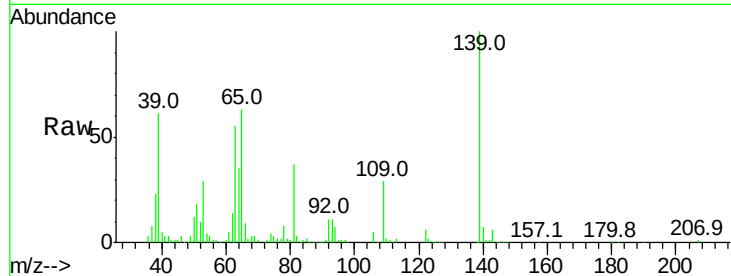




#23
 2-Nitrophenol
 Concen: 28.595 ng/ul
 RT: 9.89 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BM011621.D
 Acq: 20 Sep 2017 01:17

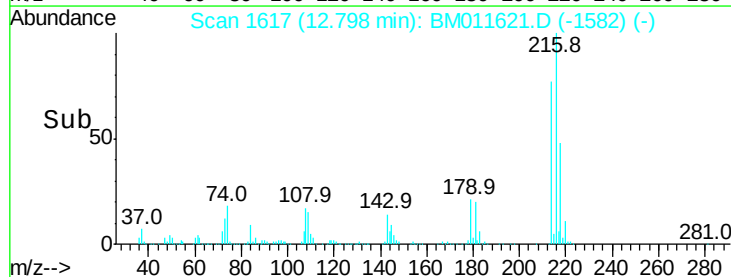
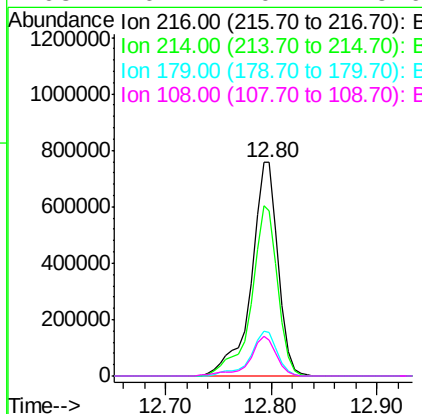
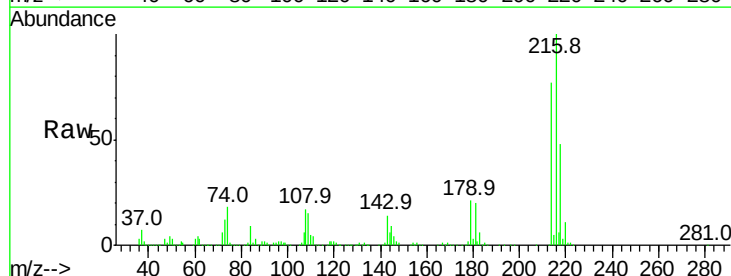
Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

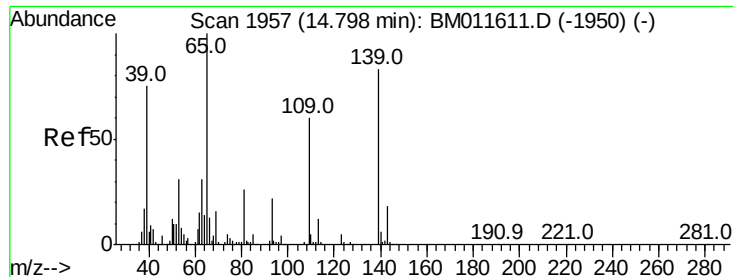
Tot Ion	Ratio	Lower	Upper
139	100		
65	62.5	45.3	67.9
109	28.8	27.7	41.5



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.789 ng/ul
 RT: 12.80 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BM011621.D
 Acq: 20 Sep 2017 01:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	64.1	96.1
179	20.6	14.5	21.7
108	16.7	10.4	15.6





#53

4-Nitrophenol

Concen: 4.311 ng/ul

RT: 14.79 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM011621.D

Acq: 20 Sep 2017 01:17

Instrument :

BNA_M

ClientSampleId :

C0AJ8

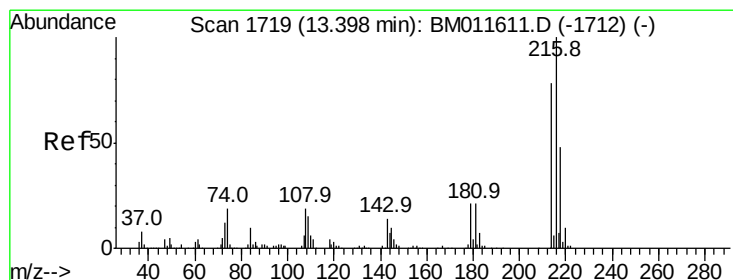
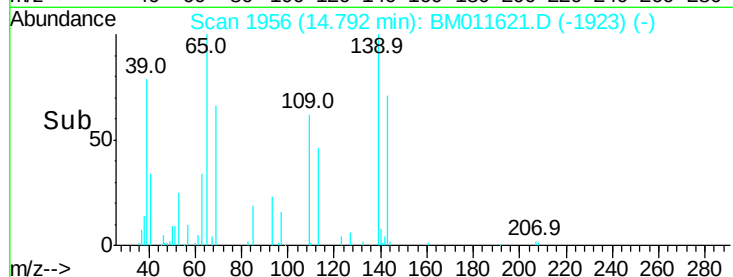
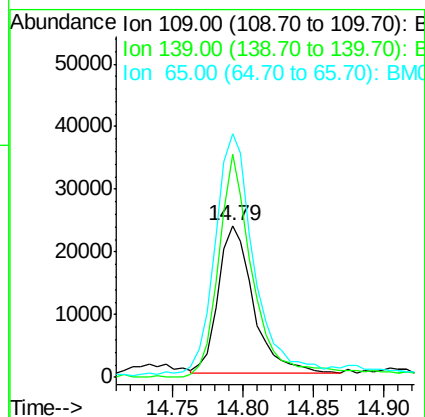
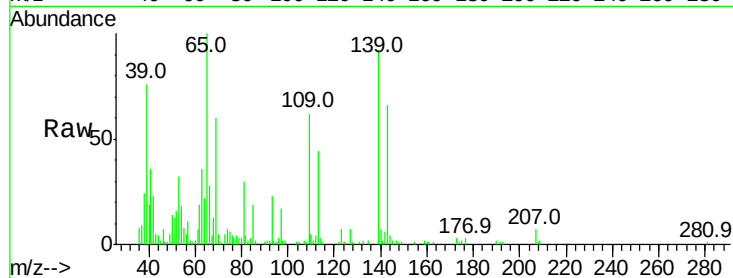
Tot Ion:109 Resp: 40841

Ion Ratio Lower Upper

109 100

139 147.2 91.2 136.8#

65 160.2 92.6 139.0#



#73

1,2,3,4-Tetrachlorobenzene

Concen: 156.608 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BM011621.D

Acq: 20 Sep 2017 01:17

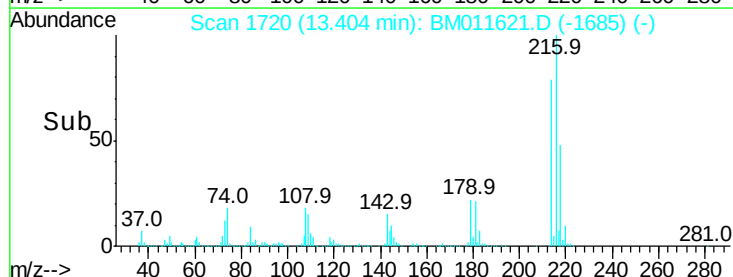
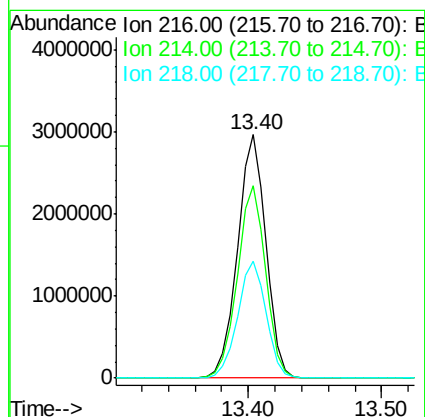
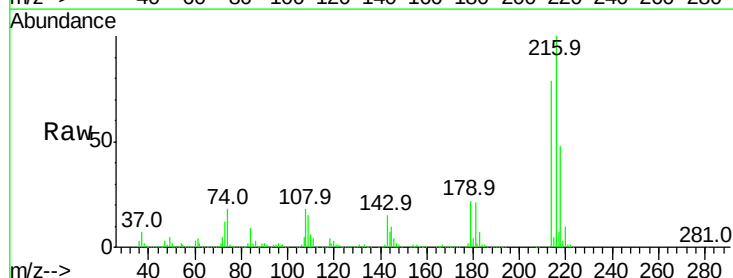
Tgt Ion:216 Resp: 4350995

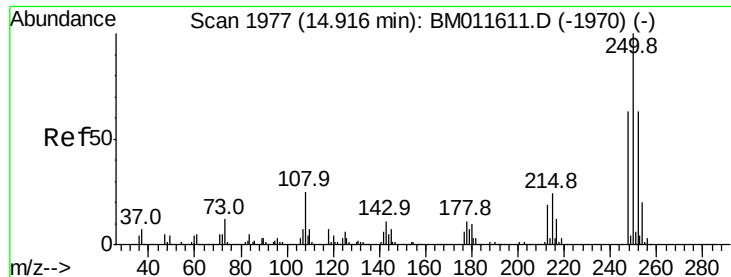
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

218 48.2 39.4 59.0





#74

Pentachlorobenzene

Concen: 1.106 ng/uL

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM011621.D

Acq: 20 Sep 2017 01:17

Instrument :

BNA_M

ClientSampleId :

C0AJ8

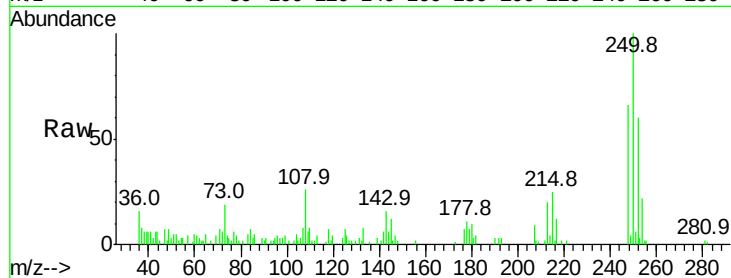
Tot Ion:250 Resp: 31171

Ion Ratio Lower Upper

250 100

248 66.3 51.4 77.2

252 59.8 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

