

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
 Data File : BM017759.D
 Acq On : 23 Nov 2018 13:40
 Operator : MJ/SJ
 Sample : J636-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0928

Quant Time: Nov 23 22:00:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 23 21:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	249785	20.00	ng/ul	0.05
18) Naphthalene-d8	10.38	136	1008322	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.24	164	583826	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1371800	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1556404	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1458591	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	5554	1.02	ng/uL	0.00
5) Phenol-d5	6.79	99	115990	5.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	332416	24.16	ng/ul	0.02
9) 2-Chlorophenol-d4	7.14	132	360365	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	225542	12.10	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	224903	29.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	256322	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	422221	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	6790	0.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1501182	29.63	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1792254	29.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	36579	3.97	ng/ul	0.02
57) Fluorene-d10	15.24	176	1291666	29.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	254077	25.91	ng/ul	0.00
70) Anthracene-d10	17.09	188	2083552	30.51	ng/ul	0.00
78) Pyrene-d10	19.40	212	2413466	32.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2466775	31.18	ng/ul	0.00

Target Compounds

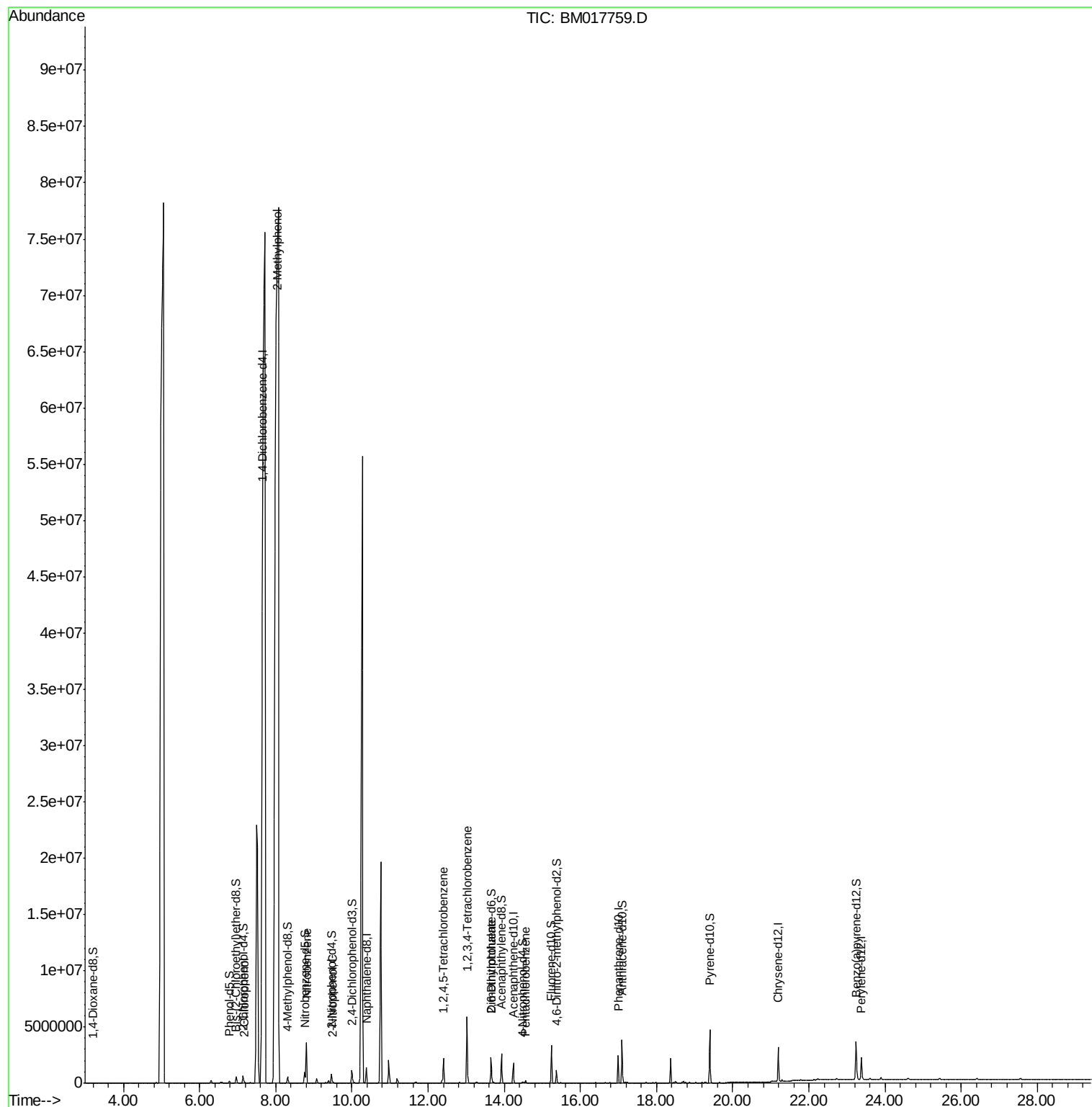
					Qvalue
10) 2-Chlorophenol	7.17	128	36932	2.071	ng/ul 94
11) 2-Methylphenol	8.04	108	811426	46.705	ng/ul 97
20) Nitrobenzene	8.80	77	1975793	101.639	ng/ul 96
23) 2-Nitrophenol	9.50	139	17482	1.893	ng/ul 92
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	745891	38.289	ng/ul 98
45) 2,6-Dinitrotoluene	13.66	165	9771	1.013	ng/ul# 43
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	1825731	93.914	ng/uL 99
73) Pentachlorobenzene	14.56	250	50034	2.516	ng/uL 96

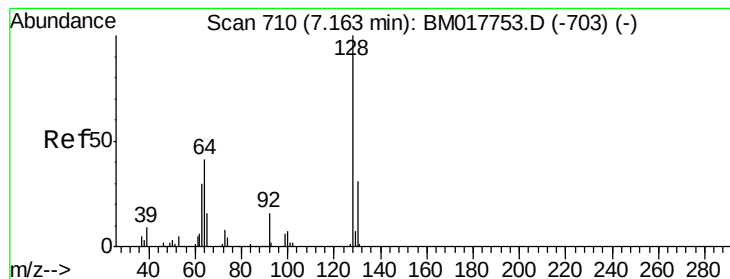
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 2.071 ng/ul

RT: 7.17 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM017759.D

Acq: 23 Nov 2018 13:40

Instrument :

BNA_M

ClientSampleId :

C0928

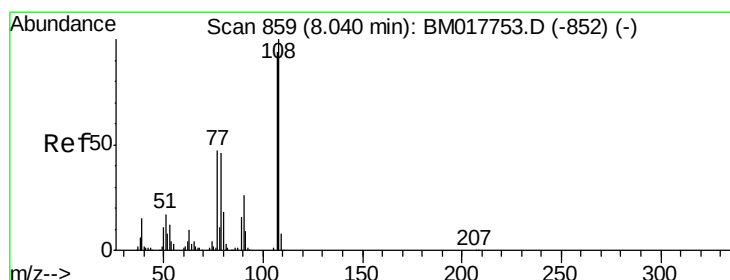
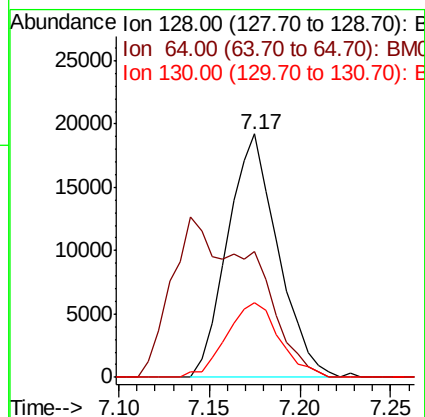
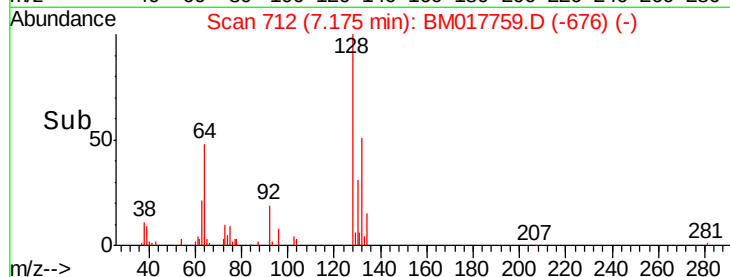
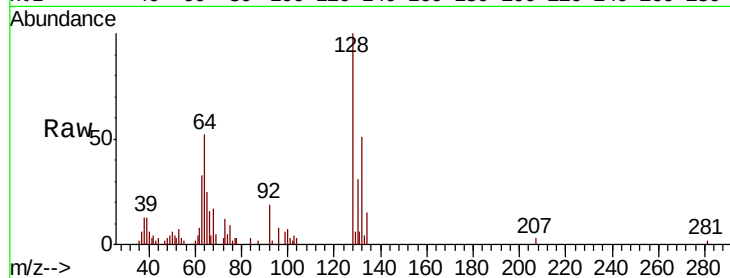
Tgt Ion:128 Resp: 36932

Ion Ratio Lower Upper

128 100

64 51.9 36.8 55.2

130 30.8 25.0 37.4



#11

2-Methylphenol

Concen: 46.705 ng/ul

RT: 8.04 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM017759.D

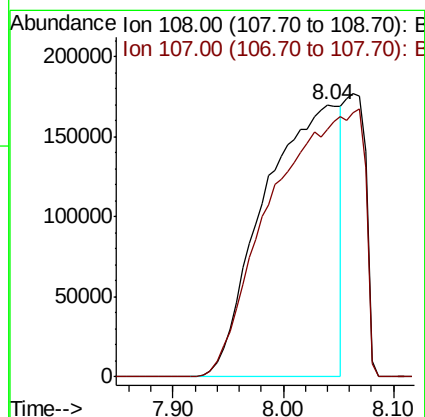
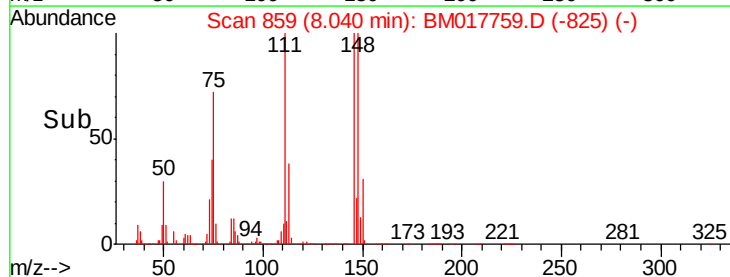
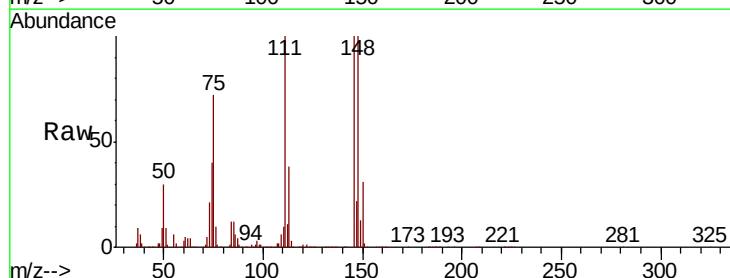
Acq: 23 Nov 2018 13:40

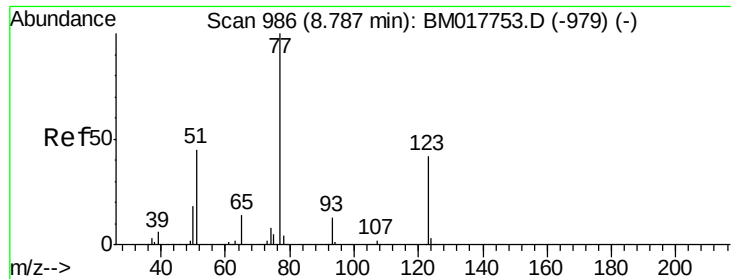
Tgt Ion:108 Resp: 811426

Ion Ratio Lower Upper

108 100

107 91.2 70.8 106.2

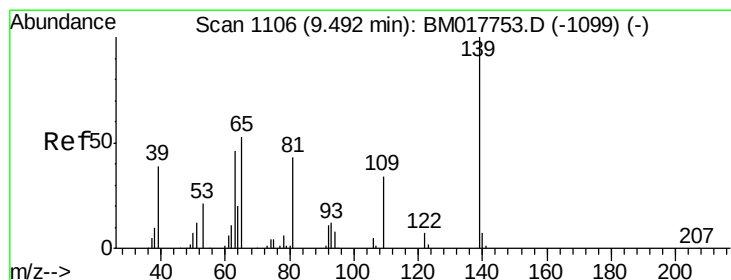
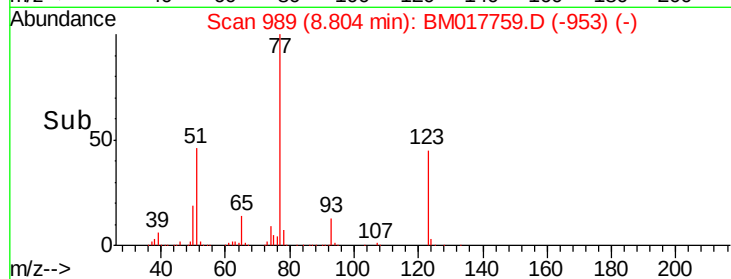
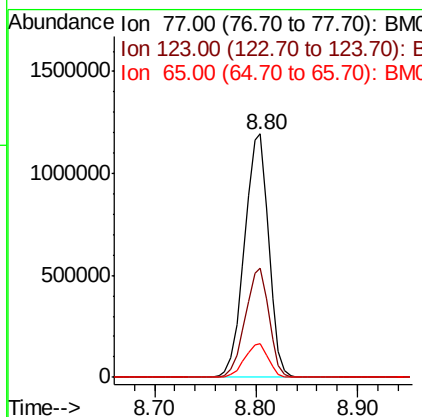
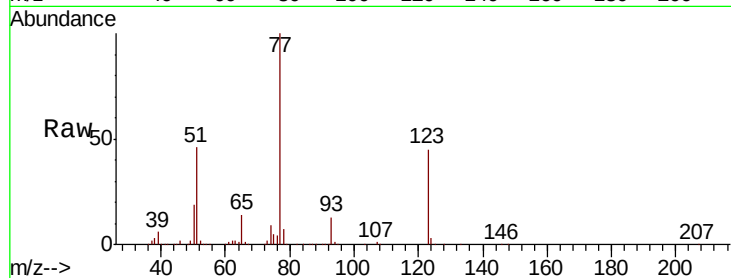




#20
Nitrobenzene
Concen: 101.639 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. 0.01 min
Lab File: BM017759.D
Acq: 23 Nov 2018 13:40

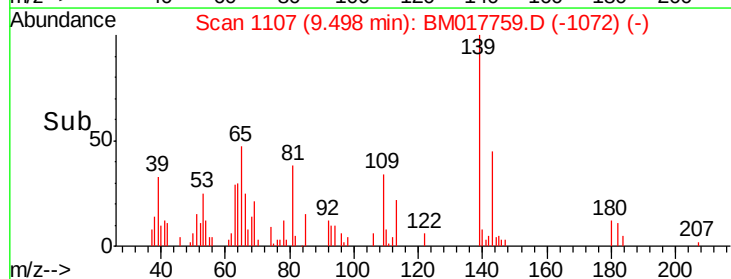
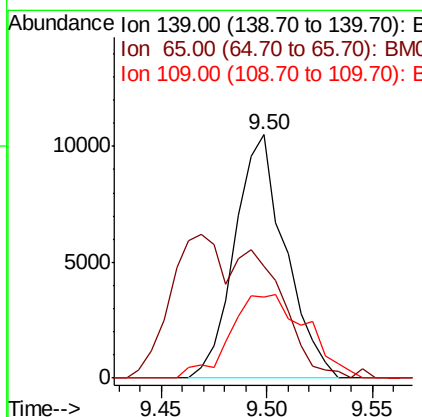
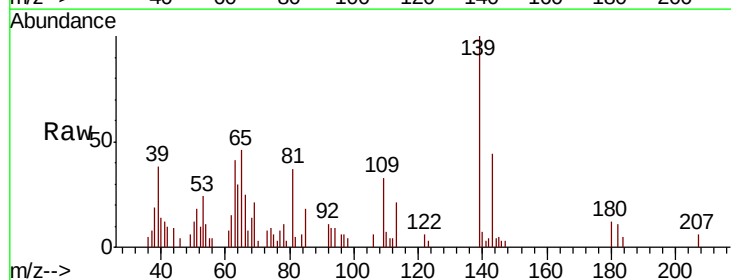
Instrument :
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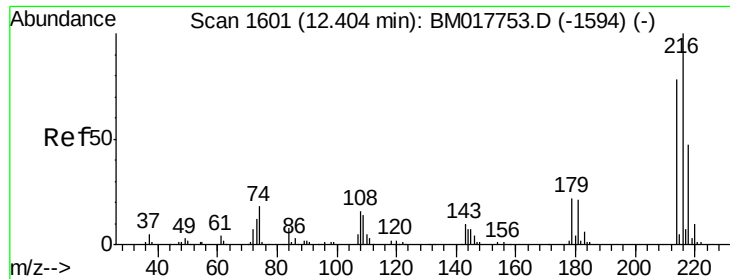
Tgt Ion: 77 Resp: 1975793
Ion Ratio Lower Upper
77 100
123 45.0 33.1 49.7
65 13.9 11.0 16.6



#23
2-Nitrophenol
Concen: 1.893 ng/ul
RT: 9.50 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BM017759.D
Acq: 23 Nov 2018 13:40

Tgt Ion: 139 Resp: 17482
Ion Ratio Lower Upper
139 100
65 46.0 44.2 66.4
109 33.1 26.4 39.6

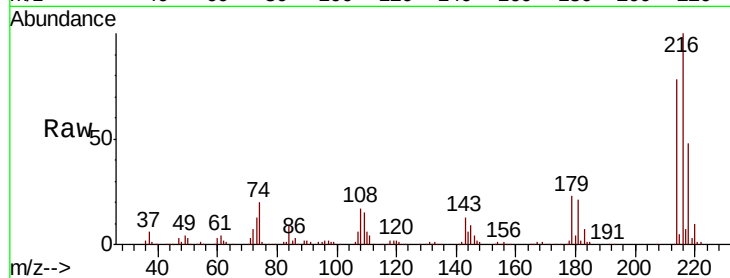




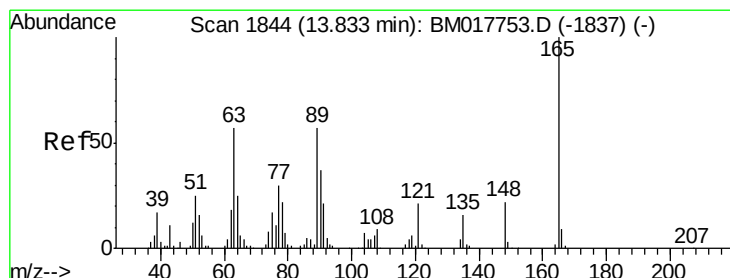
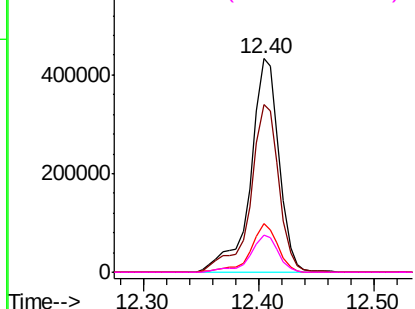
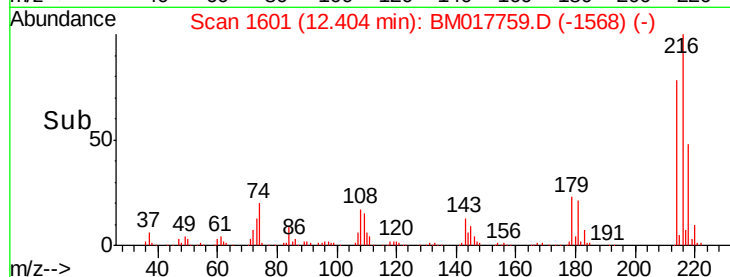
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.289 ng/ul
 RT: 12.40 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BM017759.D
 Acq: 23 Nov 2018 13:40

Instrument :
 BNA_M
 ClientSampleId :
 C0928

Tgt Ion:216 Resp: 745891
 Ion Ratio Lower Upper
 216 100
 214 78.4 61.3 91.9
 179 22.6 17.0 25.4
 108 17.4 12.8 19.2

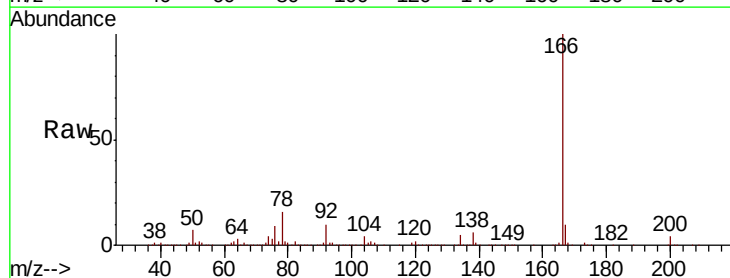


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

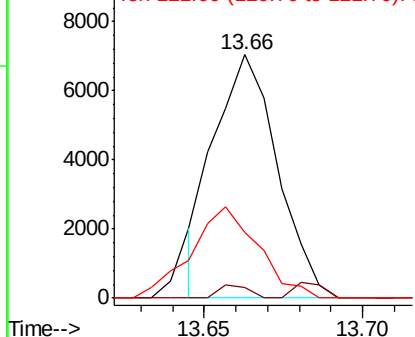
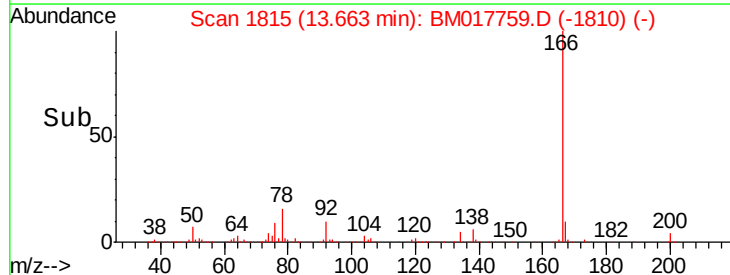


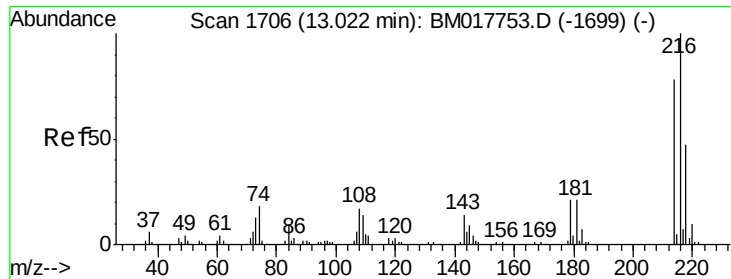
#45
 2,6-Dinitrotoluene
 Concen: 1.013 ng/ul
 RT: 13.66 min Scan# 1815
 Delta R.T. -0.17 min
 Lab File: BM017759.D
 Acq: 23 Nov 2018 13:40

Tgt Ion:165 Resp: 9771
 Ion Ratio Lower Upper
 165 100
 89 4.4 48.0 72.0#
 121 26.9 17.0 25.6#



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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 93.914 ng/uL

RT: 13.03 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BM017759.D

Acq: 23 Nov 2018 13:40

Instrument :

BNA_M

ClientSampleId :

C0928

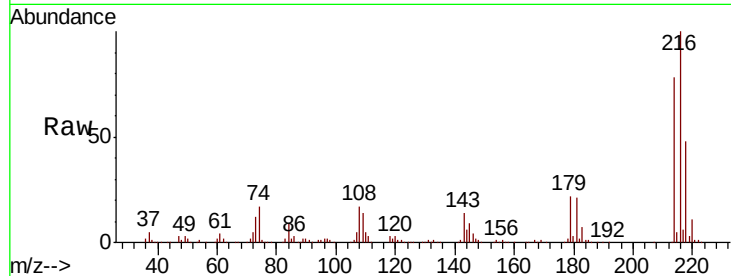
Tgt Ion:216 Resp: 1825731

Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.4

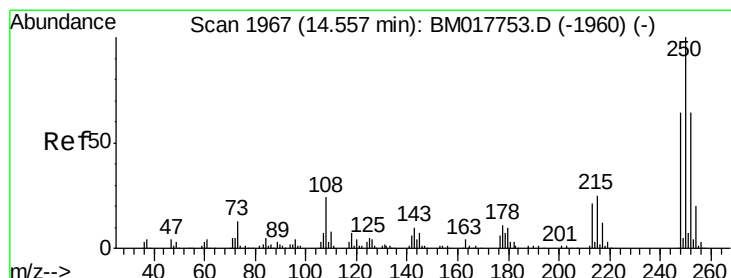
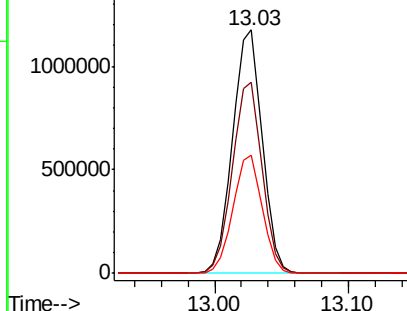
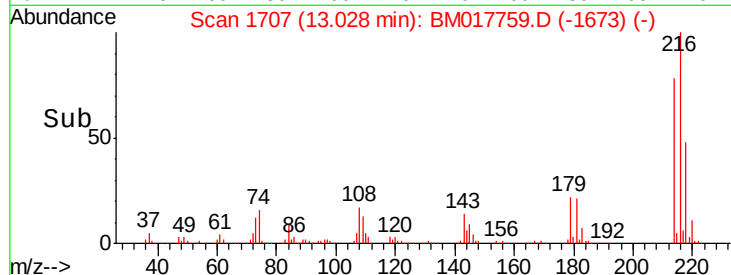
218 48.4 37.9 56.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 2.516 ng/uL

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM017759.D

Acq: 23 Nov 2018 13:40

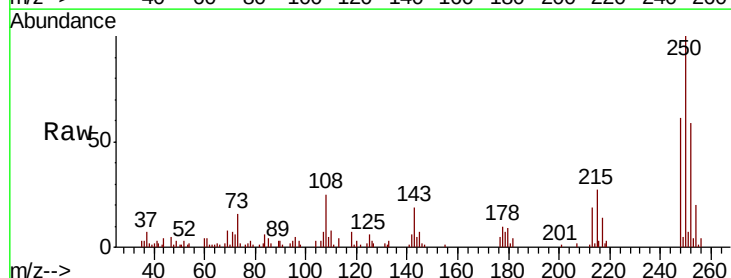
Tgt Ion:250 Resp: 50034

Ion Ratio Lower Upper

250 100

248 61.1 50.5 75.7

252 58.5 50.6 76.0



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

