

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
 Data File : BM016759.D
 Acq On : 14 Sep 2018 18:35
 Operator : SJ/JU
 Sample : J4885-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H2TS2MS

Quant Time: Sep 15 00:41:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 00:35:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	258463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1066831	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	566317	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1242958	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1368072	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1468080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	28570	4.73	ng/uL	0.00
5) Phenol-d5	6.90	99	581165	26.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	370035	27.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	492238	27.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	465752	27.61	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	220236	31.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	199357	31.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	440264	27.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	615896	31.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1327663	29.20	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1693891	28.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	177878	23.84	ng/ul	0.00
58) Fluorene-d10	15.37	176	1181415	29.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	123578	24.22	ng/ul	0.00
71) Anthracene-d10	17.22	188	1794487	29.92	ng/ul	0.00
79) Pyrene-d10	19.51	212	2014117	30.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2298761	30.02	ng/ul	0.00

Target Compounds

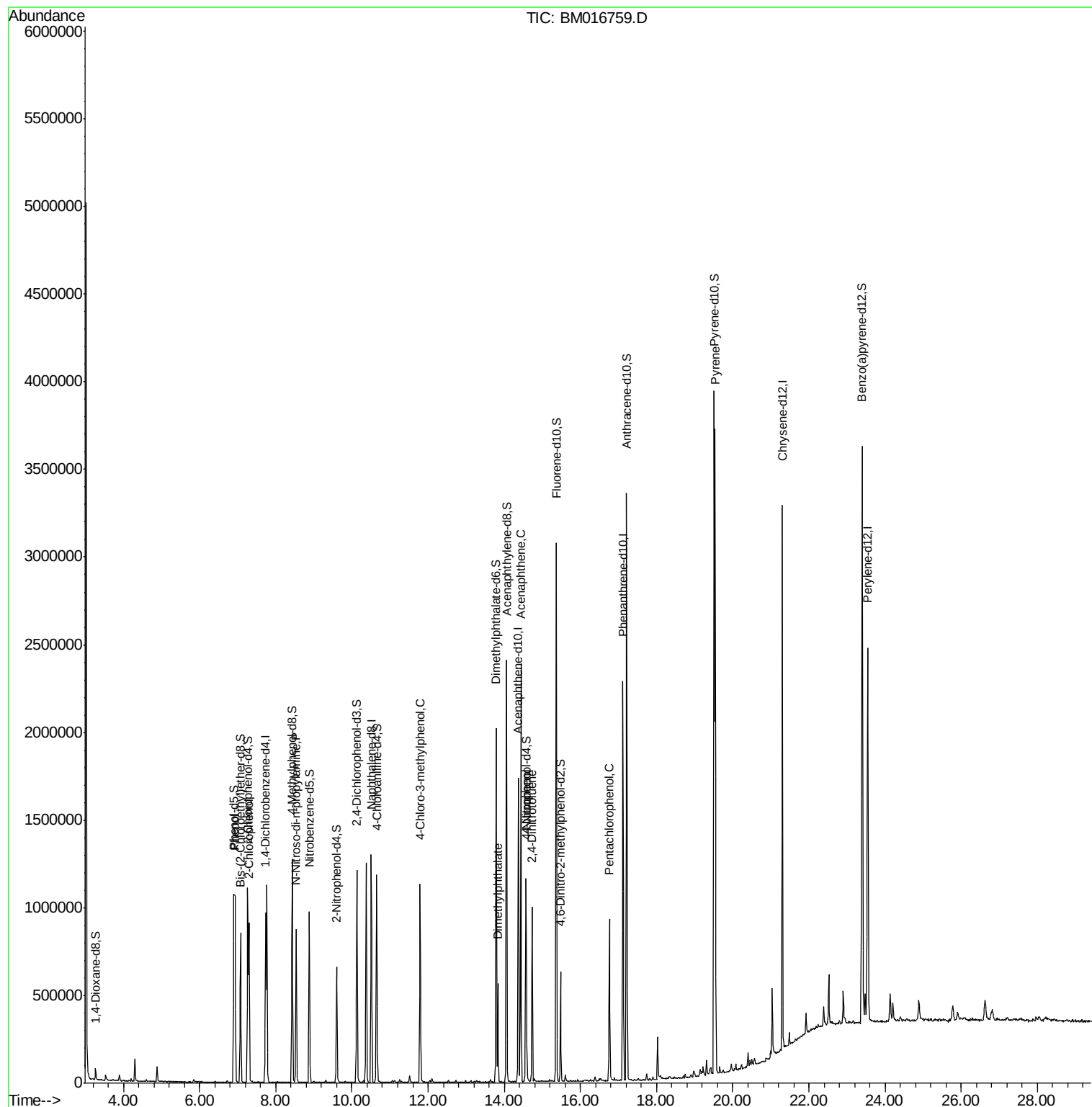
					Ovalue
6) Phenol	6.93	94	527735	24.251	ng/ul 99
10) 2-Chlorophenol	7.30	128	386230	21.613	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.53	70	292676	22.370	ng/ul 92
33) 4-Chloro-3-methylphenol	11.79	107	359768	22.061	ng/ul 96
45) Dimethylphthalate	13.83	163	359595	8.092	ng/ul 98
50) Acenaphthene	14.43	153	927238	23.494	ng/ul 99
53) 4-Nitrophenol	14.58	109	120502	20.955	ng/ul# 82
55) 2,4-Dinitrotoluene	14.73	165	255338	25.440	ng/ul 92
69) Pentachlorophenol	16.76	266	153736	18.784	ng/ul 97
80) Pyrene	19.54	202	2076470	24.719	ng/ul# 88

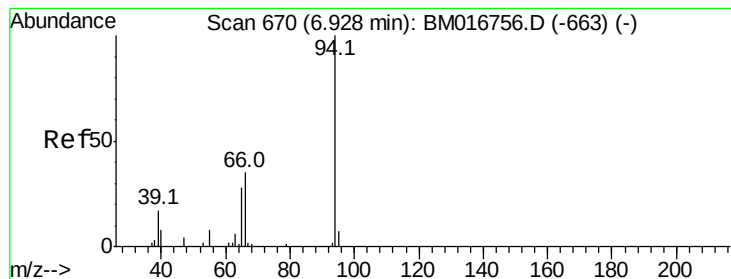
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 24.251 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

Instrument :

BNA_M

ClientSampleId :

H2TS2MS

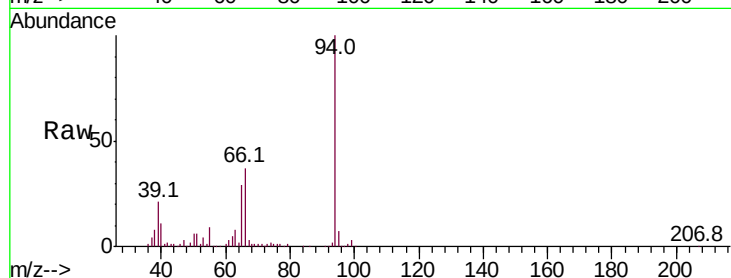
Tot Ion: 94 Resp: 527735

Ion Ratio Lower Upper

94 100

65 29.1 23.0 34.6

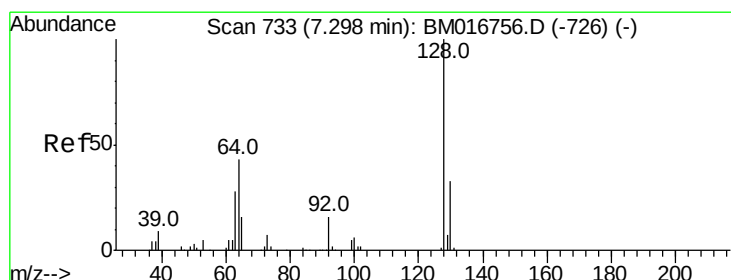
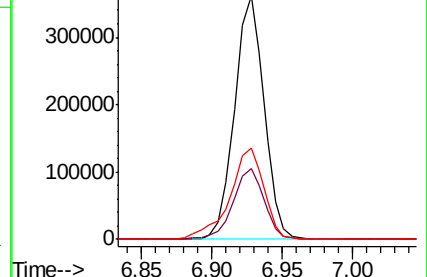
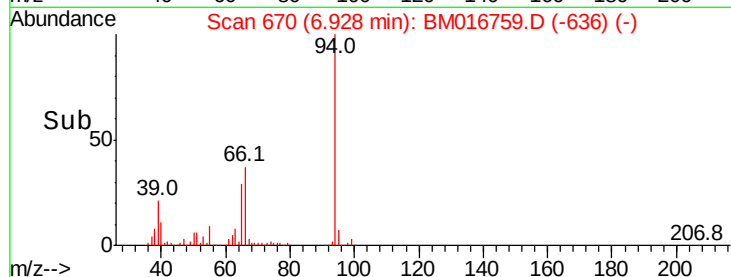
66 37.5 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016756.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM016756.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM016756.D (-663) (-)



#10

2-Chlorophenol

Concen: 21.613 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

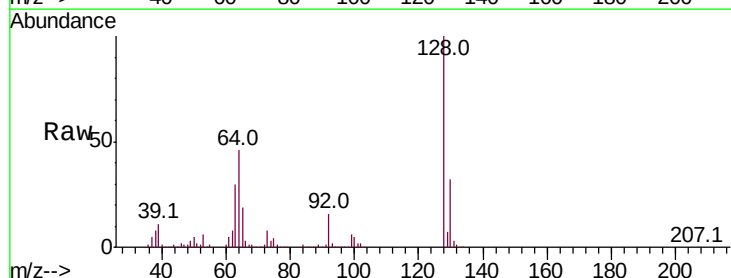
Tgt Ion:128 Resp: 386230

Ion Ratio Lower Upper

128 100

64 46.2 39.8 59.6

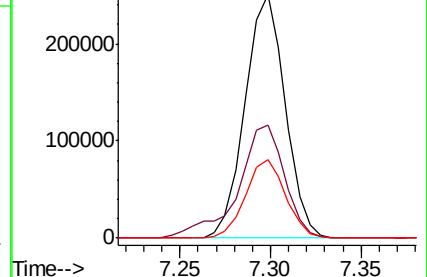
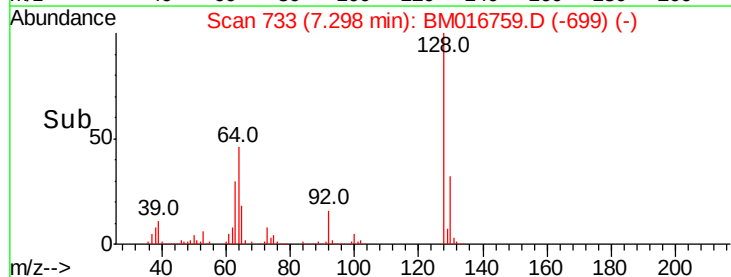
130 32.4 25.8 38.8

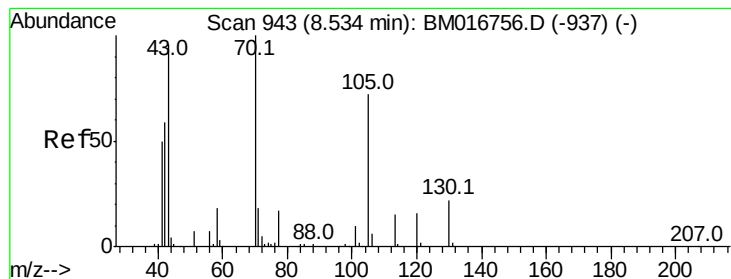


Abundance Ion 128.00 (127.70 to 128.70): BM016756.D (-726) (-)

Ion 64.00 (63.70 to 64.70): BM016756.D (-726) (-)

Ion 130.00 (129.70 to 130.70): BM016756.D (-726) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 22.370 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

Instrument :

BNA_M

ClientSampleId :

H2TS2MS

Tot Ion: 70 Resp: 292676

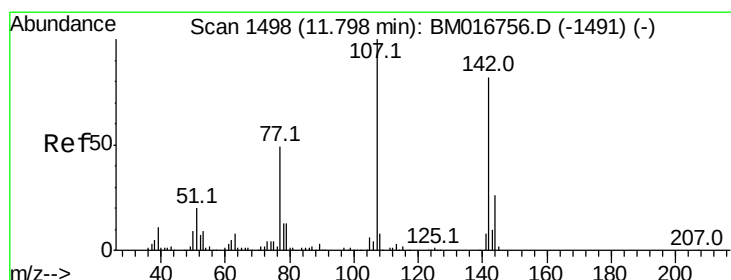
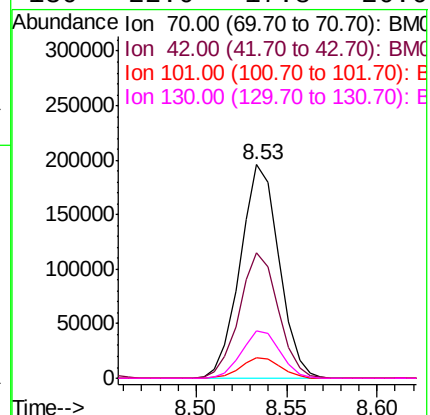
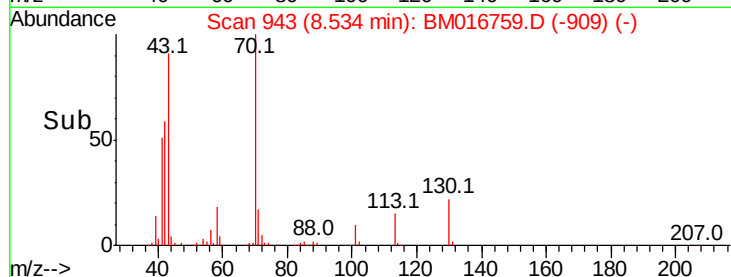
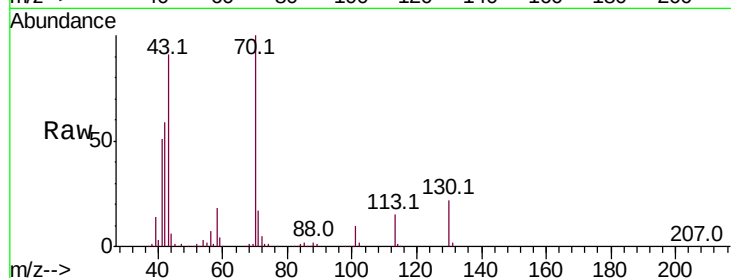
Ion Ratio Lower Upper

70 100

42 58.7 40.2 60.4

101 9.7 7.7 11.5

130 22.0 17.8 26.6



#33

4-Chloro-3-methylphenol

Concen: 22.061 ng/ul

RT: 11.79 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

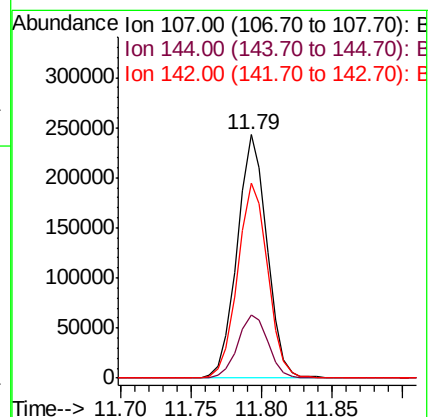
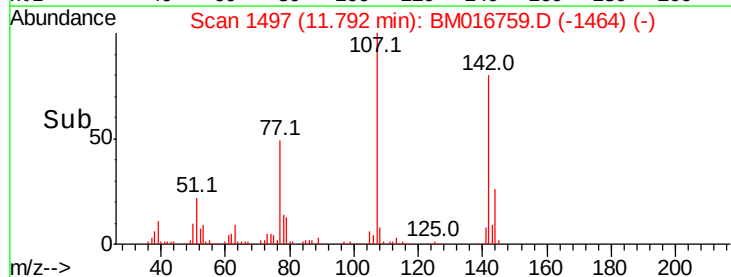
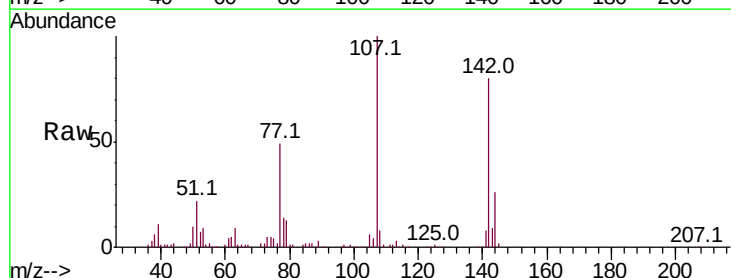
Tgt Ion: 107 Resp: 359768

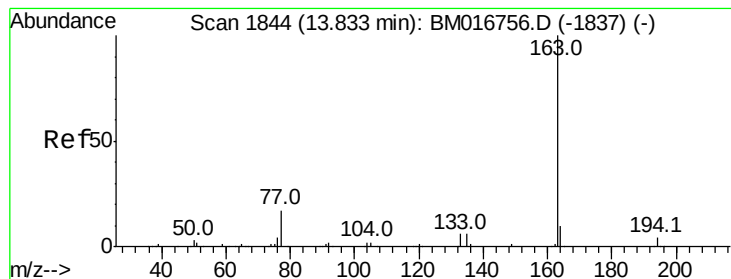
Ion Ratio Lower Upper

107 100

144 26.2 21.1 31.7

142 80.0 60.1 90.1





#45

Dimethylphthalate

Concen: 8.092 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

Instrument :

BNA_M

ClientSampleId :

H2TS2MS

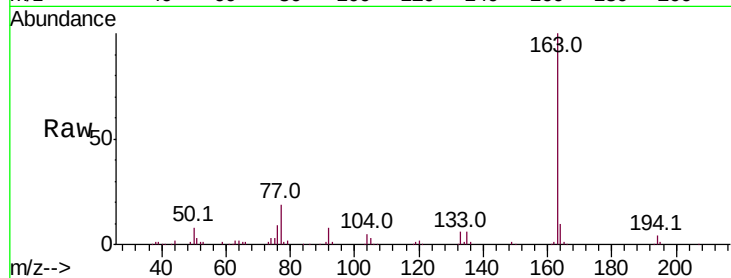
Tot Ion:163 Resp: 359595

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

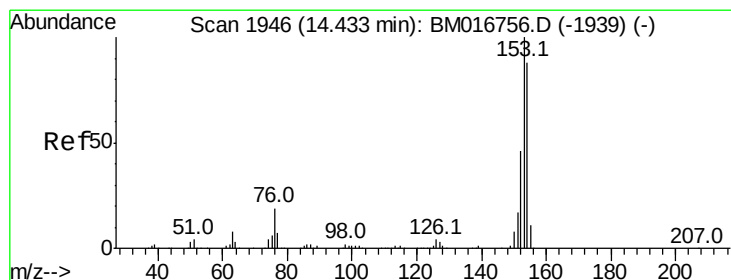
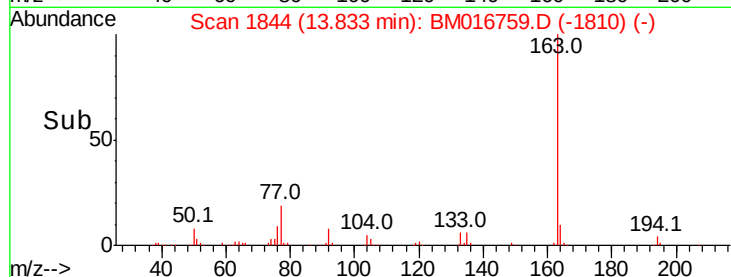
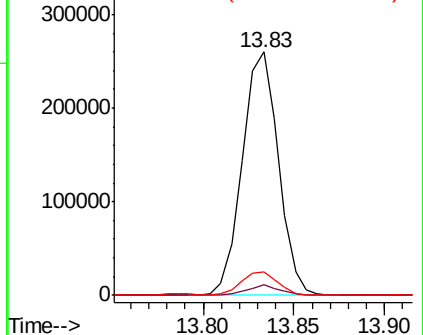
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 23.494 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

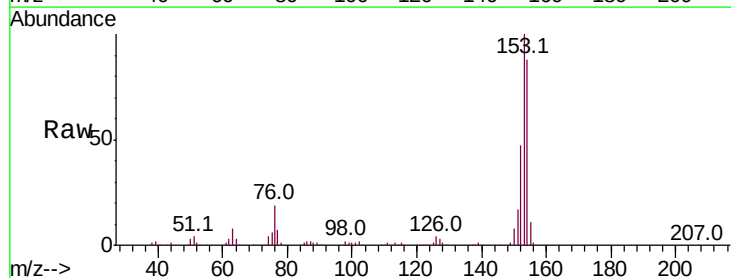
Tgt Ion:153 Resp: 927238

Ion Ratio Lower Upper

153 100

152 46.5 37.9 56.9

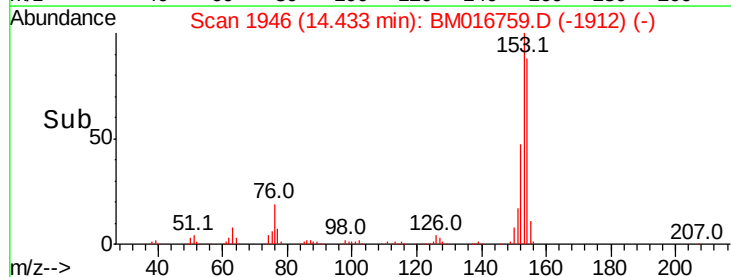
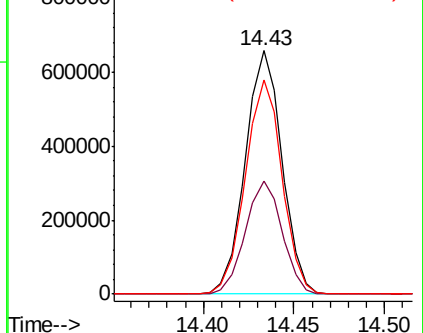
154 87.8 69.8 104.6

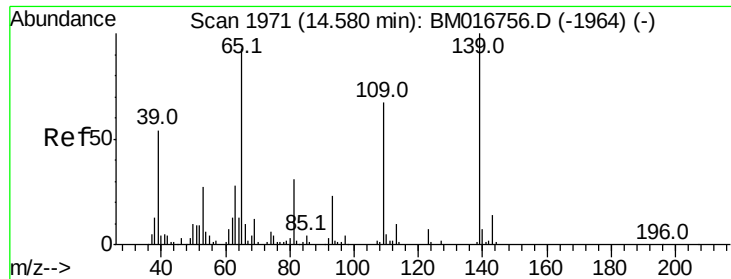


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 20.955 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

Instrument :

BNA_M

ClientSampleId :

H2TS2MS

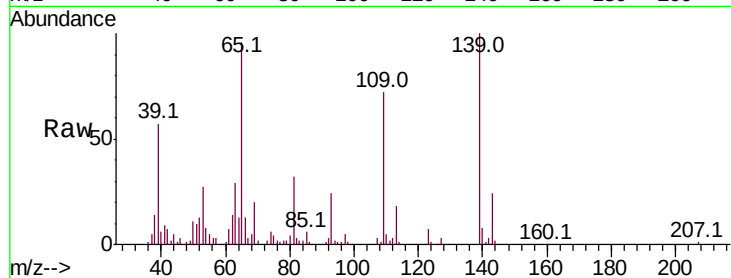
Tot Ion:109 Resp: 120502

Ion Ratio Lower Upper

109 100

139 137.9 91.2 136.8#

65 131.9 92.6 139.0

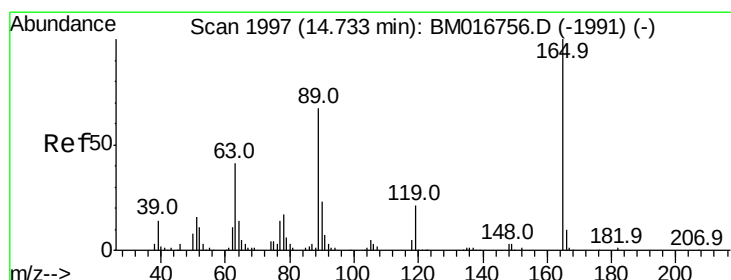
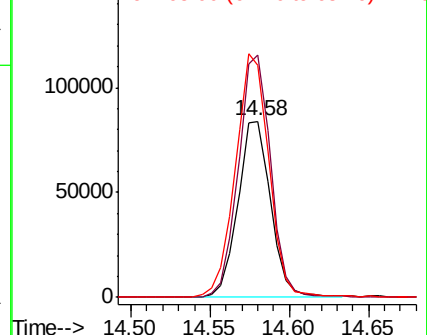
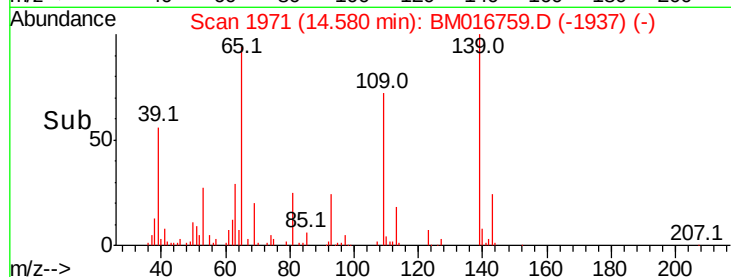


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#55

2,4-Dinitrotoluene

Concen: 25.440 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM016759.D

Acq: 14 Sep 2018 18:35

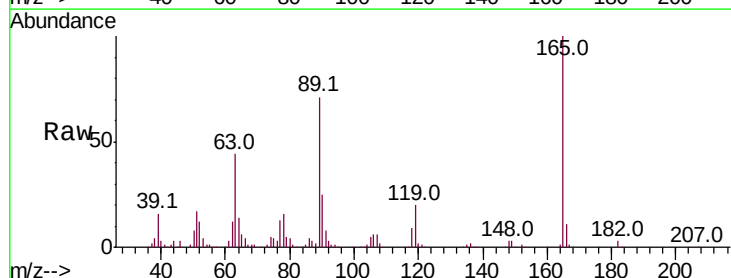
Tgt Ion:165 Resp: 255338

Ion Ratio Lower Upper

165 100

63 44.3 31.4 47.0

182 3.1 2.7 4.1

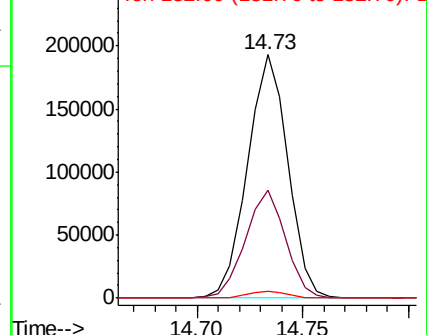
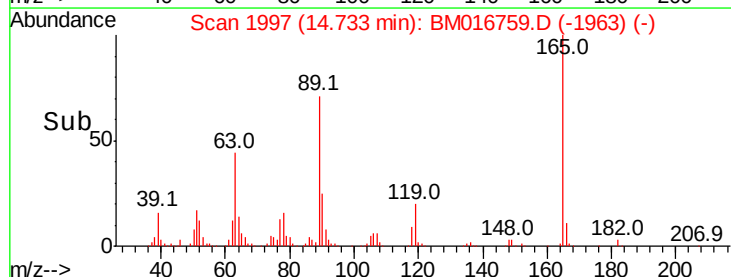


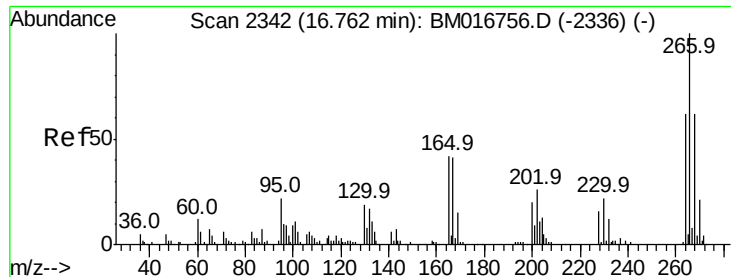
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

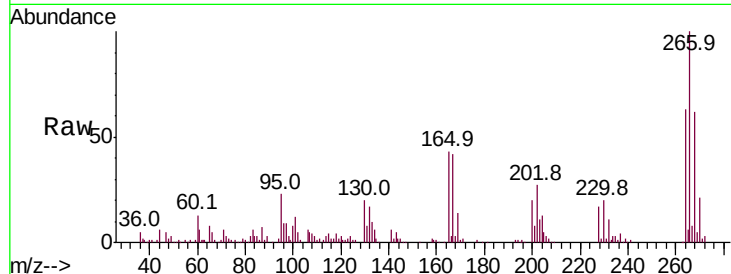




#69
 Pentachlorophenol
 Concen: 18.784 ng/ul
 RT: 16.76 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BM016759.D
 Acq: 14 Sep 2018 18:35

Instrument :
 BNA_M
 ClientSampleId :
 H2TS2MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.2	72.4
268	62.3	52.3	78.5

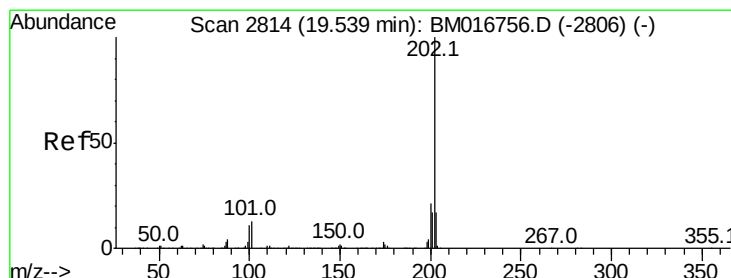
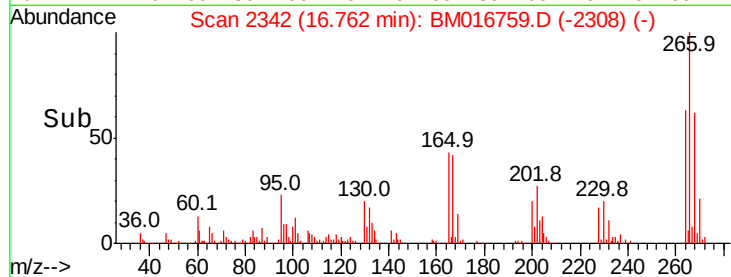
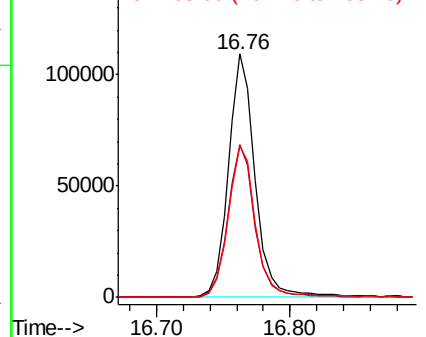


Abundance

Ion 265.70 (265.40 to 266.40): E

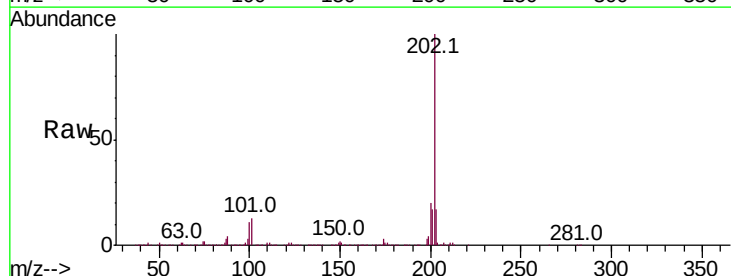
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 24.719 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BM016759.D
 Acq: 14 Sep 2018 18:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	6.9	10.3#
100	11.0	5.6	8.4#



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

