

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
 Data File : BM011810.D
 Acq On : 01 Oct 2017 15:56
 Operator : SJ/JU
 Sample : I5477-18MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET243MSD

Quant Time: Oct 02 02:27:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 02 02:22:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	125237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	577910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	351336	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	874411	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1059067	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1174756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12902	4.59	ng/uL	0.00
5) Phenol-d5	7.04	99	67745	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	220612	24.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	192793	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	126773	13.14	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	114226	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	127725	26.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	206698	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	1300	0.13	ng/ul	0.05
43) Dimethylphthalate-d6	13.93	166	850082	28.21	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	943450	25.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	23776	4.62	ng/ul	0.00
57) Fluorene-d10	15.52	176	715689	27.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	135811	22.93	ng/ul	0.00
70) Anthracene-d10	17.36	188	1198947	26.94	ng/ul	0.00
76) Pyrene-d10	19.65	212	1501808	29.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1532662	27.25	ng/ul	0.00

Target Compounds

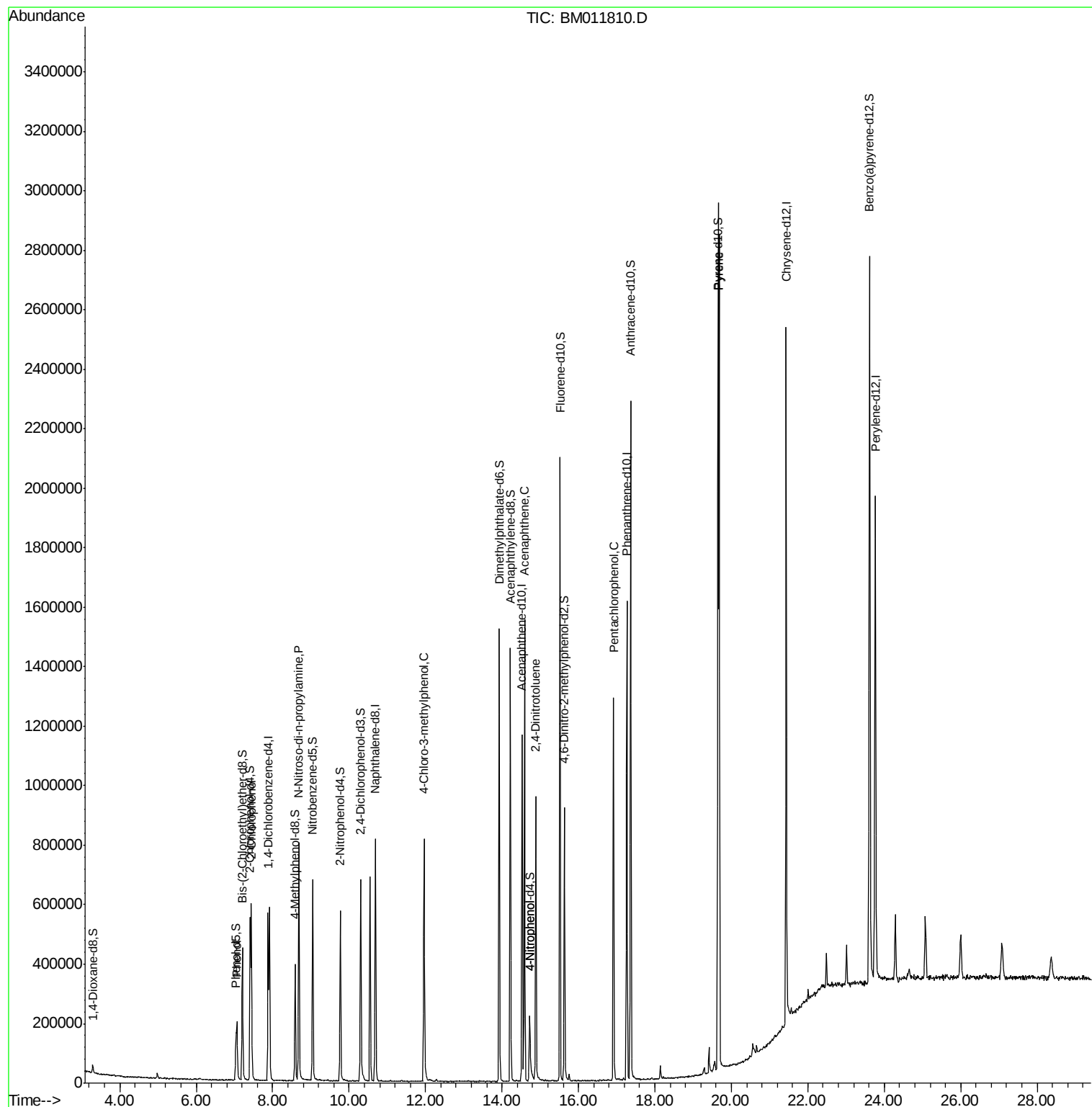
					Ovalue
6) Phenol	7.06	94	77805	6.246	ng/ul 92
10) 2-Chlorophenol	7.45	128	195053	21.814	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.69	70	212768	24.315	ng/ul 99
33) 4-Chloro-3-methylphenol	11.96	107	240868	24.379	ng/ul 93
49) Acenaphthene	14.59	153	565930	22.732	ng/ul 98
52) 4-Nitrophenol	14.73	109	27461	5.451	ng/ul 93
54) 2,4-Dinitrotoluene	14.89	165	185428	24.485	ng/ul# 75
68) Pentachlorophenol	16.92	266	192797	27.405	ng/ul 99
77) Pvrene	19.68	202	1578725	25.015	ng/ul# 90

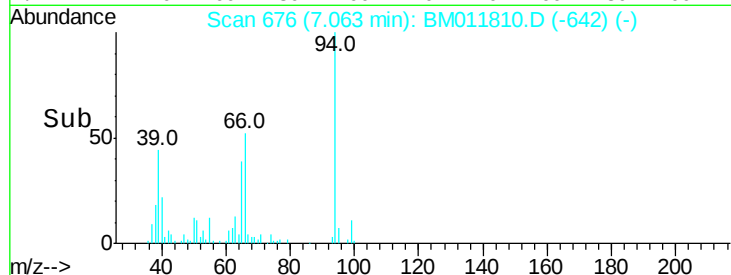
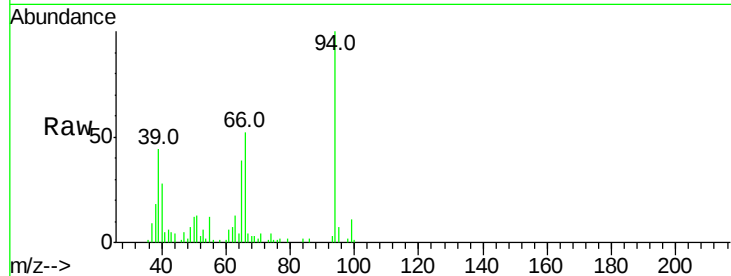
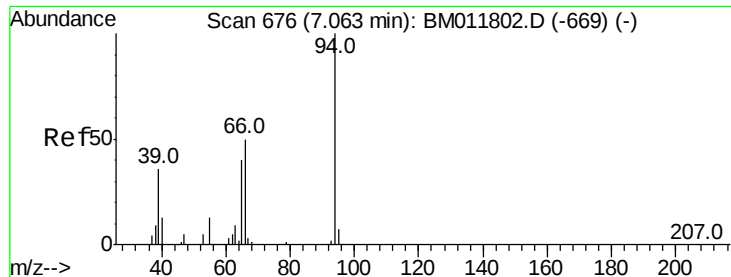
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.246 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Instrument :

BNA_M

ClientSampleId :

ET243MSD

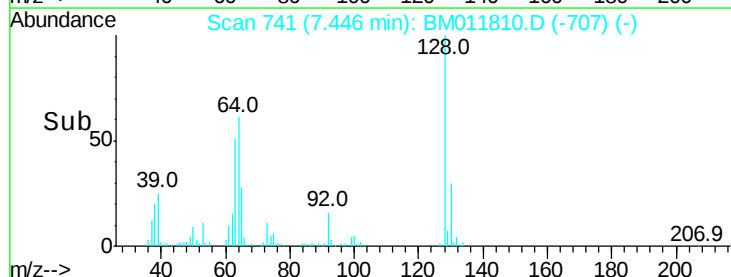
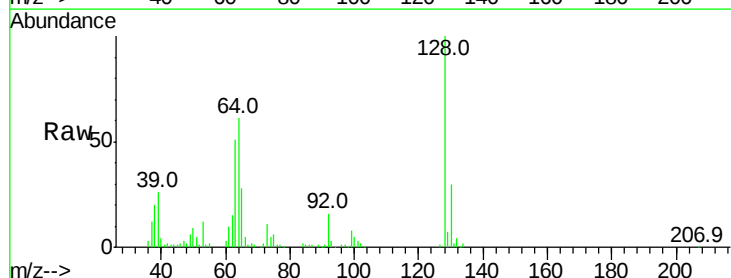
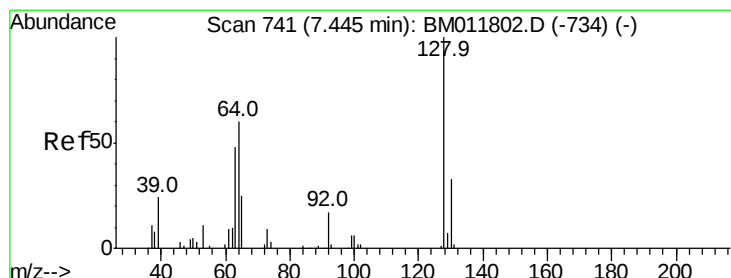
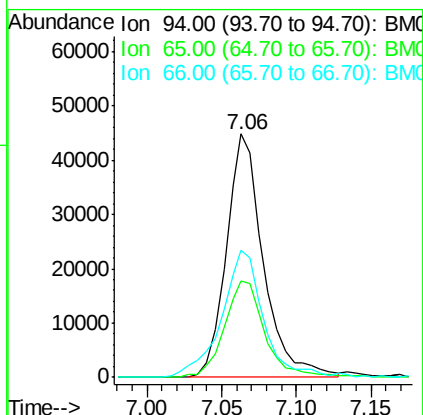
Tot Ion: 94 Resp: 77805

Ion Ratio Lower Upper

94 100

65 39.5 28.2 42.4

66 52.5 47.2 70.8



#10

2-Chlorophenol

Concen: 21.814 ng/ul

RT: 7.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

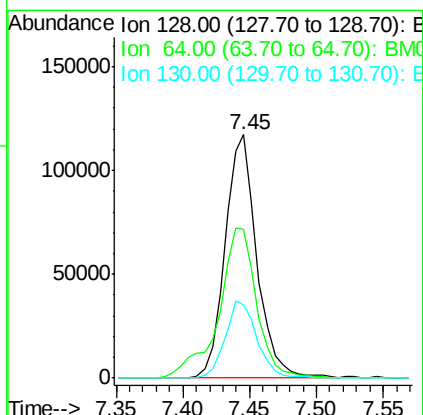
Tgt Ion: 128 Resp: 195053

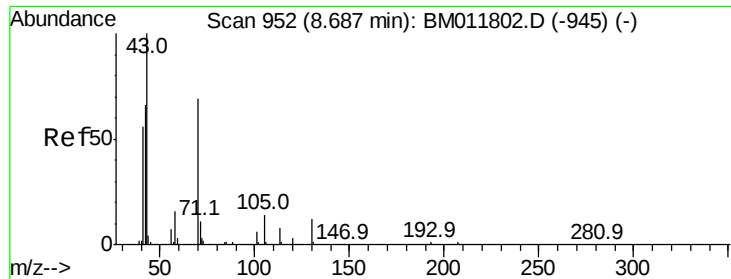
Ion Ratio Lower Upper

128 100

64 61.4 38.0 57.0#

130 30.2 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 24.315 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Instrument :

BNA_M

ClientSampleId :

ET243MSD

Tot Ion: 70 Resp: 212768

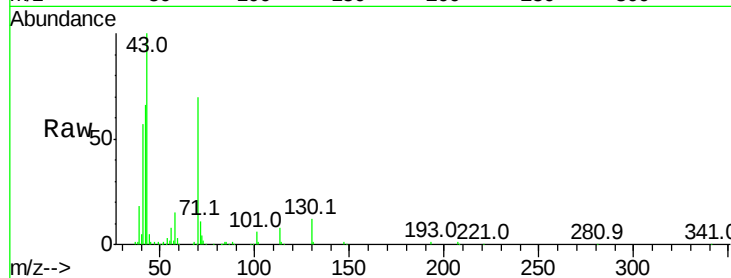
Ion	Ratio	Lower	Upper
70	100		
42	95.4	76.0	114.0
101	8.4	6.7	10.1
130	17.0	14.6	22.0

70 100

42 95.4 76.0 114.0

101 8.4 6.7 10.1

130 17.0 14.6 22.0



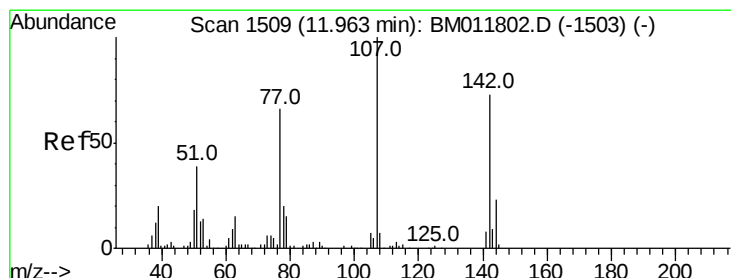
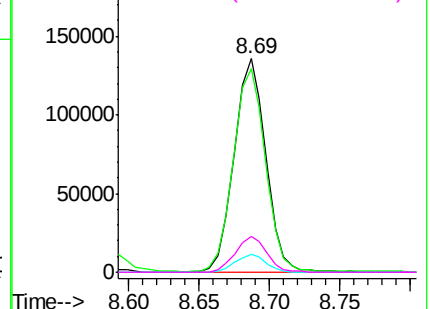
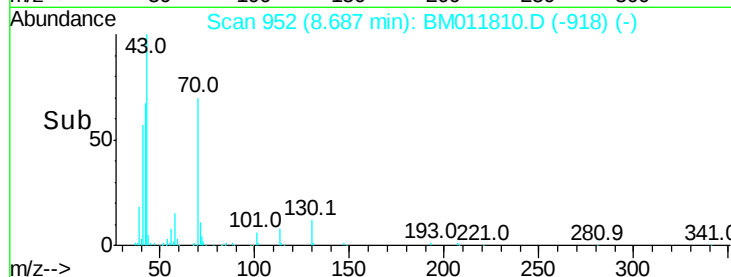
Abundance

Ion 70.00 (69.70 to 70.70): BM011810.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BM011810.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BM011810.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BM011810.D (-918) (-)



#33

4-Chloro-3-methylphenol

Concen: 24.379 ng/ul

RT: 11.96 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

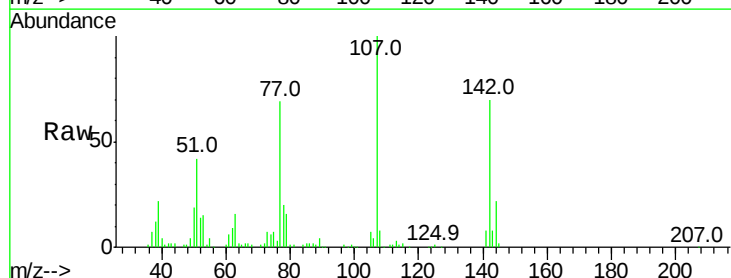
Tgt Ion: 107 Resp: 240868

Ion	Ratio	Lower	Upper
107	100		
144	22.5	20.4	30.6
142	69.9	60.5	90.7

107 100

144 22.5 20.4 30.6

142 69.9 60.5 90.7

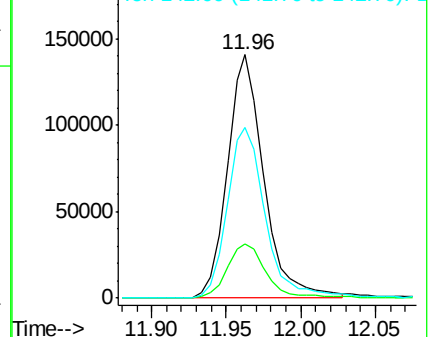
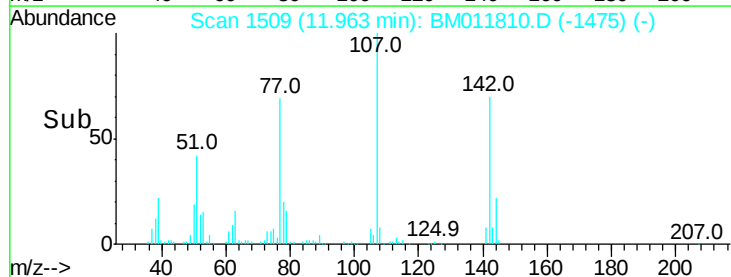


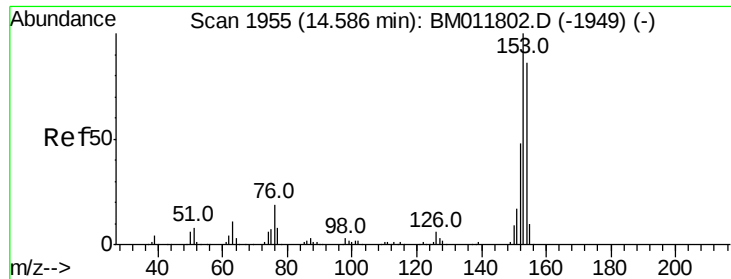
Abundance

Ion 107.00 (106.70 to 107.70): BM011810.D (-1475) (-)

Ion 144.00 (143.70 to 144.70): BM011810.D (-1475) (-)

Ion 142.00 (141.70 to 142.70): BM011810.D (-1475) (-)





#49

Acenaphthene

Concen: 22.732 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Instrument :

BNA_M

ClientSampleId :

ET243MSD

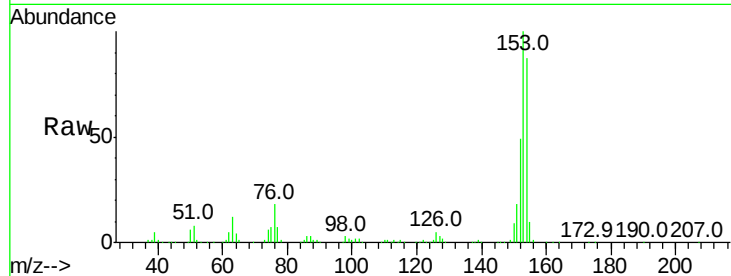
Tot Ion:153 Resp: 565930

Ion Ratio Lower Upper

153 100

152 49.1 37.6 56.4

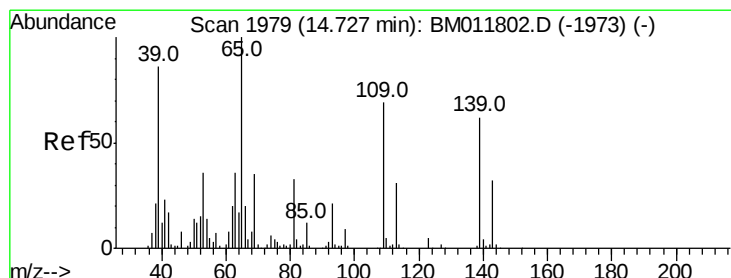
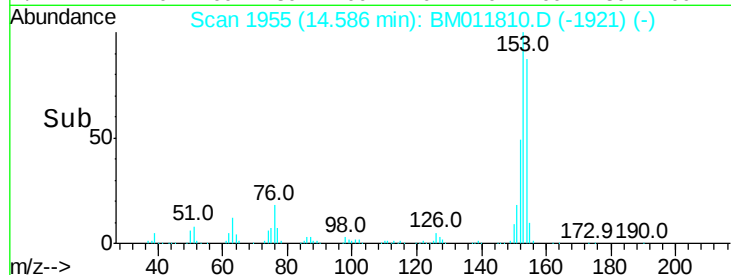
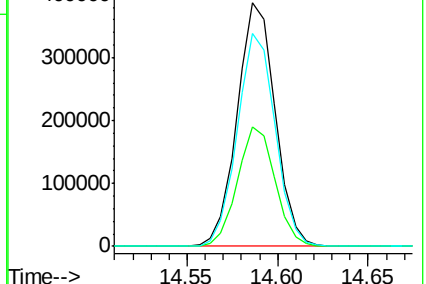
154 87.4 70.4 105.6



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



#52

4-Nitrophenol

Concen: 5.451 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

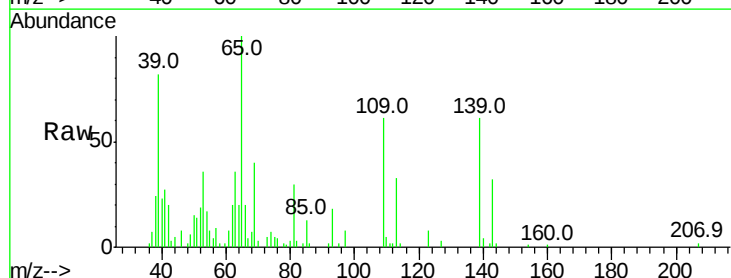
Tgt Ion:109 Resp: 27461

Ion Ratio Lower Upper

109 100

139 98.9 80.0 120.0

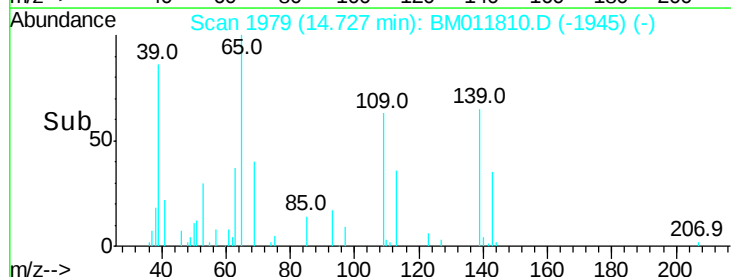
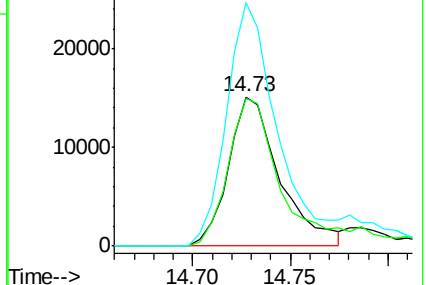
65 163.4 120.0 180.0

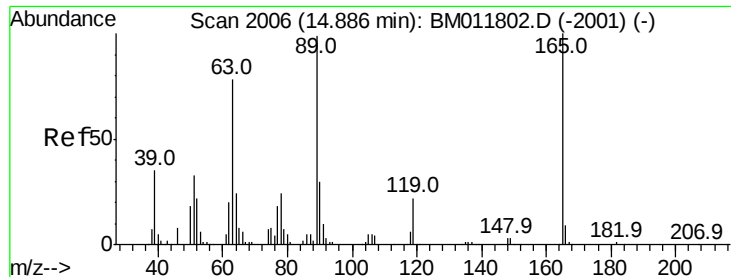


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

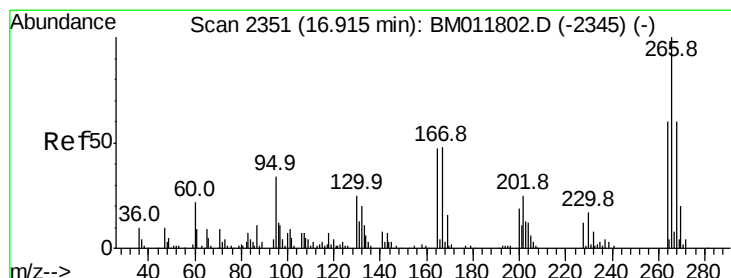
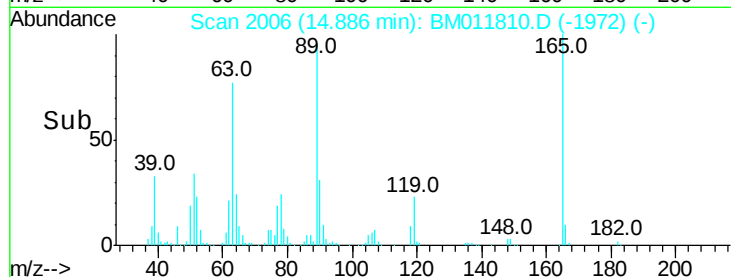
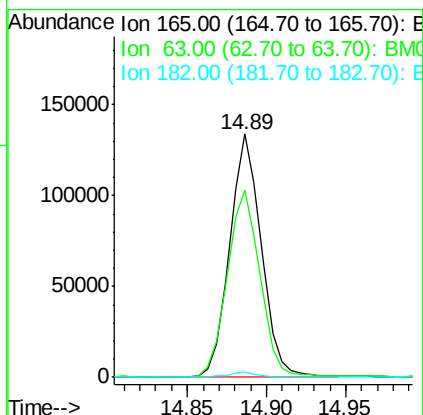
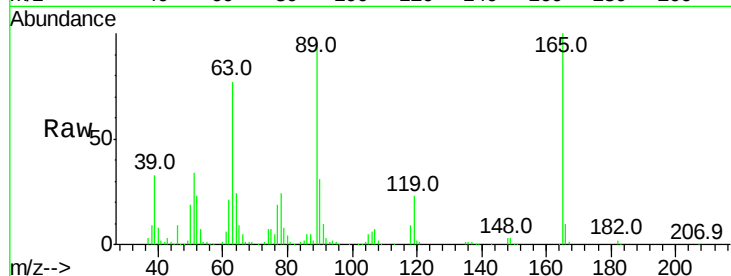




#54
 2,4-Dinitrotoluene
 Concen: 24.485 ng/ul
 RT: 14.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BM011810.D
 Acq: 01 Oct 2017 15:56

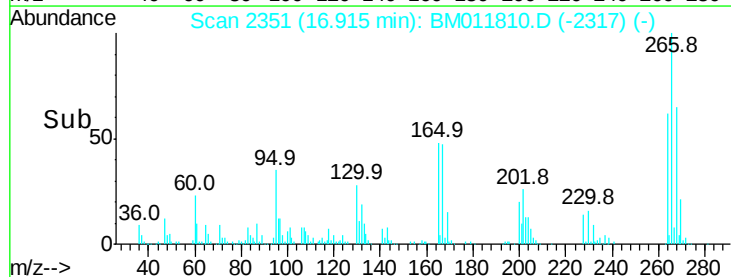
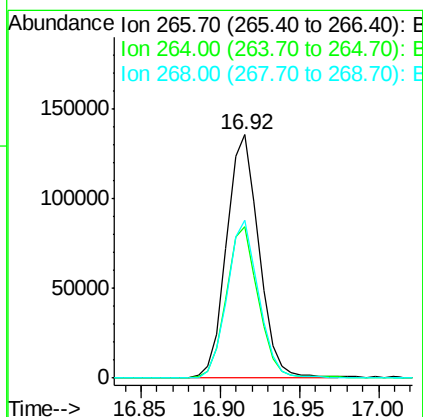
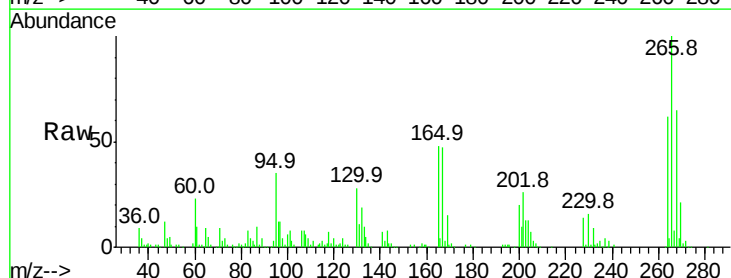
Instrument :
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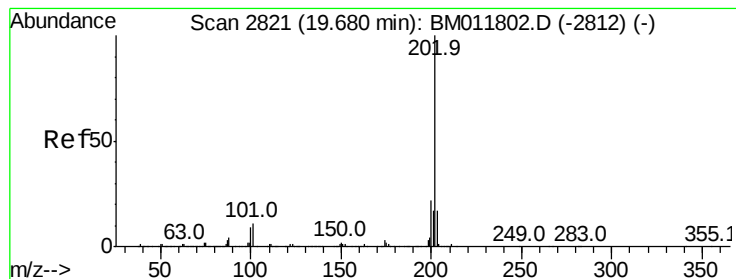
Tot Ion:165 Resp: 185428
 Ion Ratio Lower Upper
 165 100
 63 76.8 45.8 68.8#
 182 2.2 2.6 4.0#



#68
 Pentachlorophenol
 Concen: 27.405 ng/ul
 RT: 16.92 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BM011810.D
 Acq: 01 Oct 2017 15:56

Tgt Ion:266 Resp: 192797
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.3 73.9
 268 64.8 52.6 78.8





#77

Pvrene

Concen: 25.015 ng/ul

RT: 19.68 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Instrument :

BNA_M

ClientSampleId :

ET243MSD

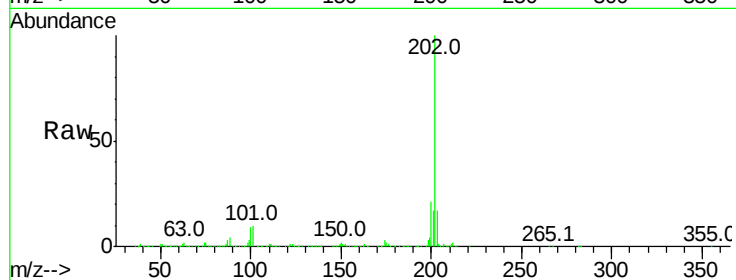
Tot Ion: 202 Resp: 1578725

Ion Ratio Lower Upper

202 100

101 10.3 5.1 7.7#

100 8.8 4.9 7.3#



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): B

