

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
 Data File : BM011809.D
 Acq On : 01 Oct 2017 15:20
 Operator : SJ/JU
 Sample : I5477-17MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET243MS

Quant Time: Oct 02 02:27:31 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	97401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	439719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	263680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	641621	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	775469	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	886657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12915	5.91	ng/uL	0.00
5) Phenol-d5	7.03	99	75091	7.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	217777	31.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	187607	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	133479	17.79	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	114975	33.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	124780	34.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	206849	29.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	5508	0.71	ng/ul	0.02
43) Dimethylphthalate-d6	13.93	166	843902	37.31	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	946691	34.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	25264	6.54	ng/ul	0.00
57) Fluorene-d10	15.52	176	707312	36.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	128527	29.57	ng/ul	0.00
70) Anthracene-d10	17.36	188	1190862	36.47	ng/ul	0.00
76) Pyrene-d10	19.65	212	1479954	39.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1559562	36.74	ng/ul	0.00

Target Compounds

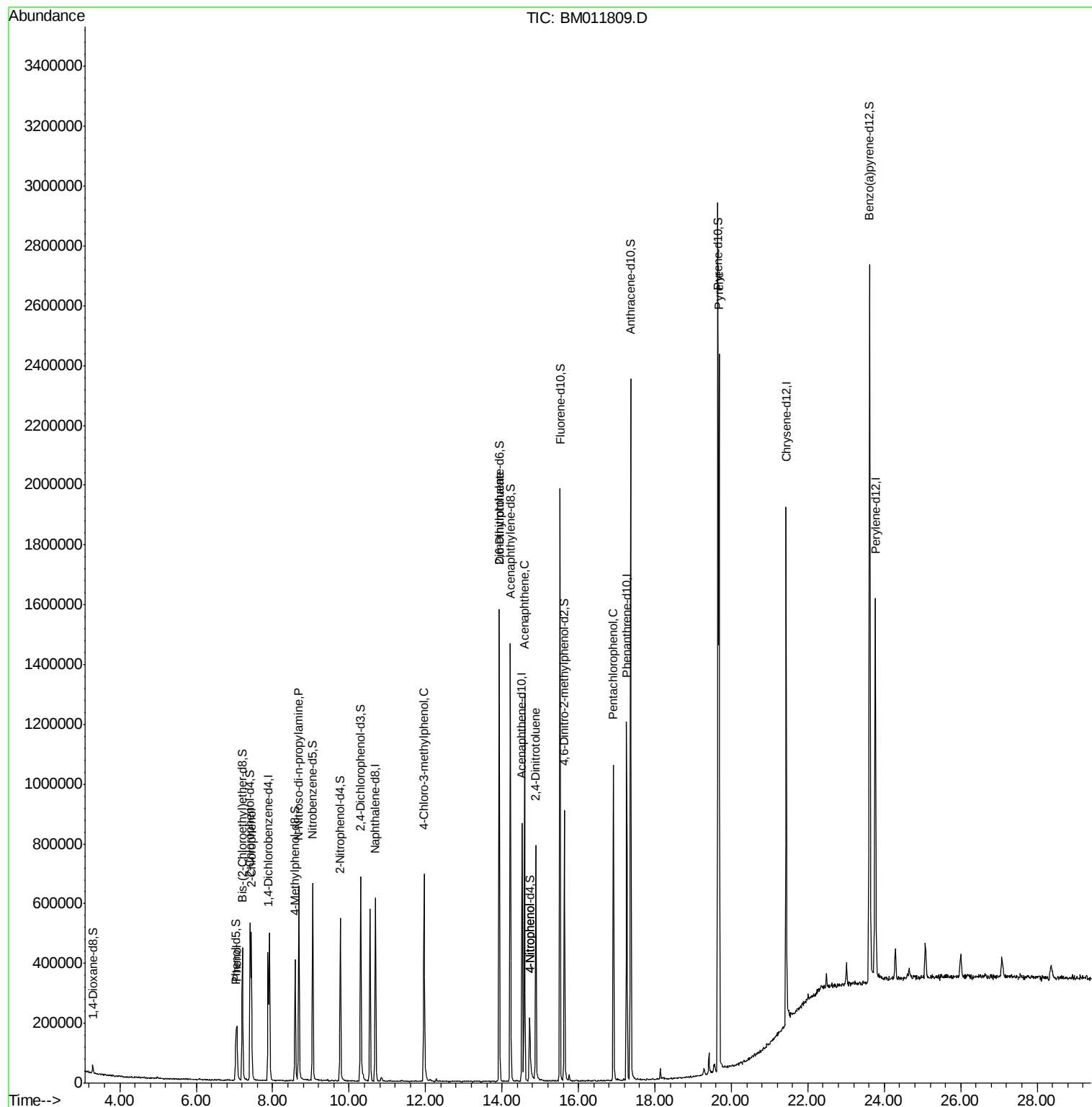
					Ovalue	
6) Phenol	7.06	94	67317	6.948	ng/ul#	90
10) 2-Chlorophenol	7.45	128	161909	23.282	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.69	70	170935	25.117	ng/ul	96
33) 4-Chloro-3-methylphenol	11.96	107	205986	27.400	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	4839	1.215	ng/ul#	26
49) Acenaphthene	14.59	153	475034	25.424	ng/ul	98
52) 4-Nitrophenol	14.73	109	29770	7.874	ng/ul	96
54) 2,4-Dinitrotoluene	14.89	165	151161	26.595	ng/ul#	73
68) Pentachlorophenol	16.92	266	157200	30.452	ng/ul	98
77) Pyrene	19.68	202	1316308	28.484	ng/ul#	91

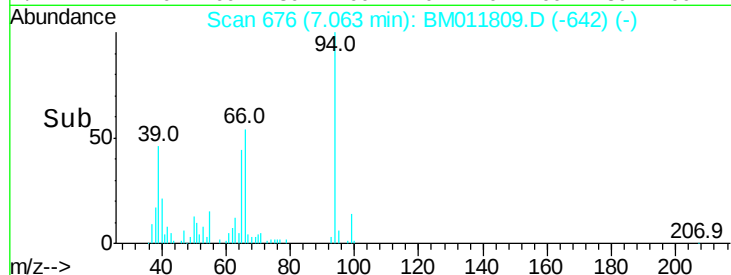
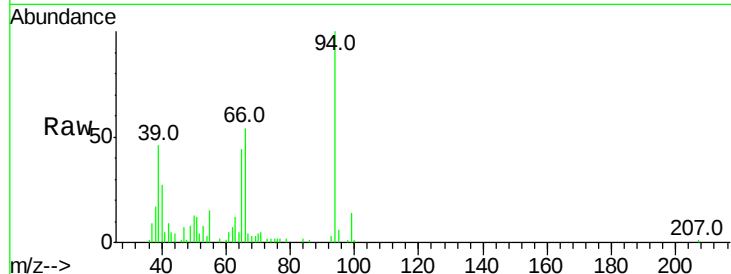
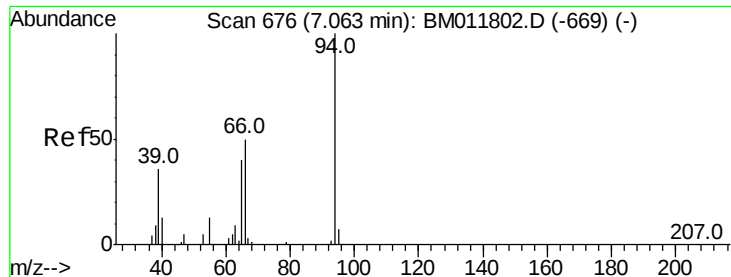
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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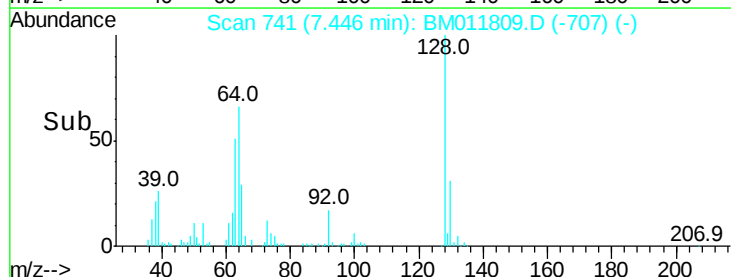
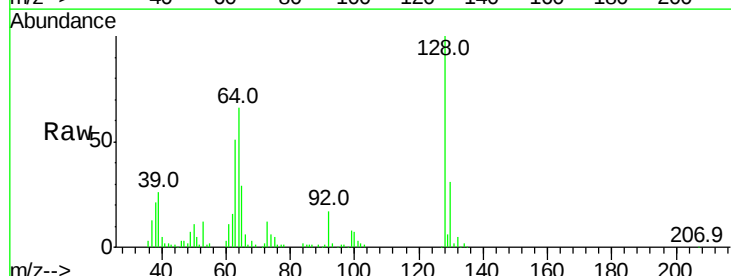
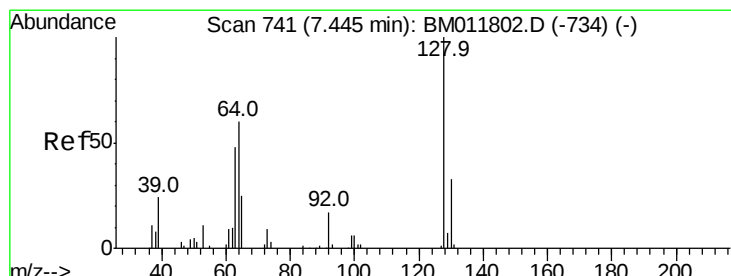
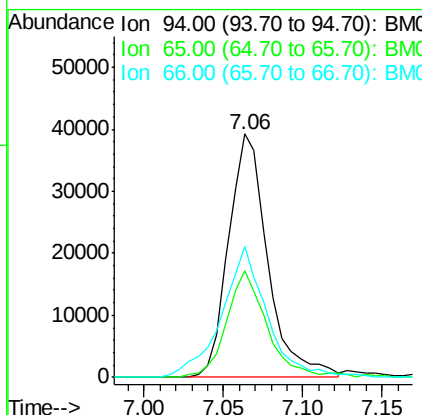




#6
Phenol
Concen: 6.948 ng/ul
RT: 7.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM011809.D
Acq: 01 Oct 2017 15:20

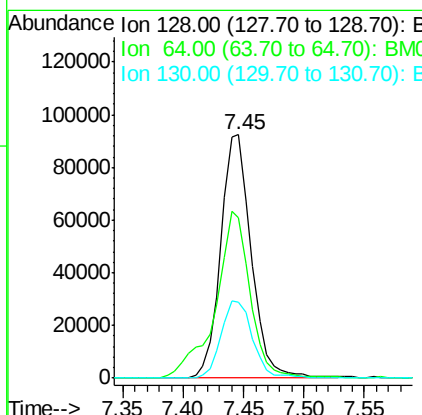
Instrument :
BNA_M
ClientSampled :
ET243MS

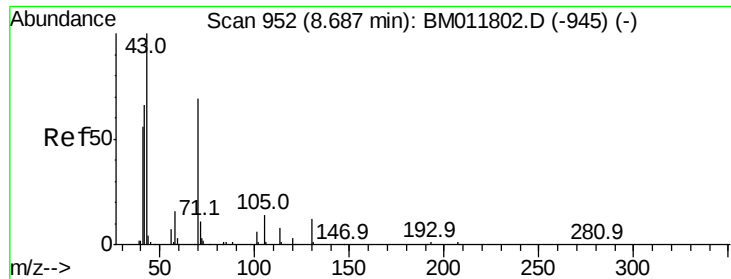
Tot Ion: 94 Resp: 67317
Ion Ratio Lower Upper
94 100
65 43.6 28.2 42.4#
66 53.8 47.2 70.8



#10
2-Chlorophenol
Concen: 23.282 ng/ul
RT: 7.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BM011809.D
Acq: 01 Oct 2017 15:20

Tgt Ion:128 Resp: 161909
Ion Ratio Lower Upper
128 100
64 65.8 38.0 57.0#
130 31.4 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 25.117 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

Instrument :

BNA_M

ClientSampleId :

ET243MS

Tot Ion: 70 Resp: 170935

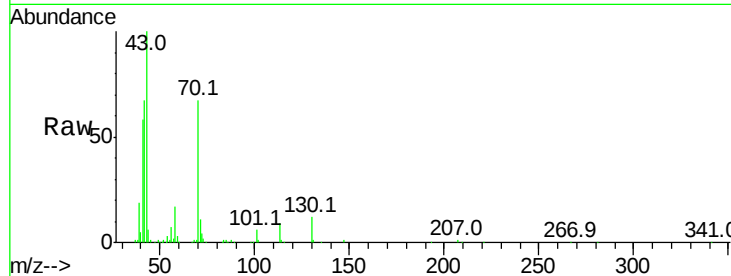
Ion	Ratio	Lower	Upper
70	100		
42	99.9	76.0	114.0
101	9.0	6.7	10.1
130	17.2	14.6	22.0

70 100

42 99.9 76.0 114.0

101 9.0 6.7 10.1

130 17.2 14.6 22.0



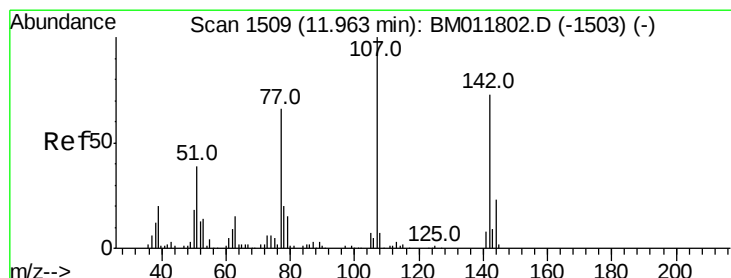
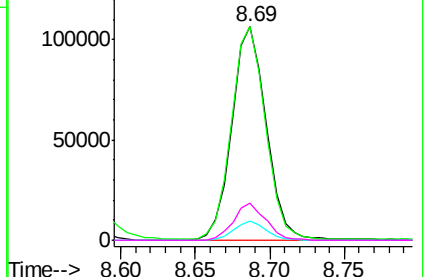
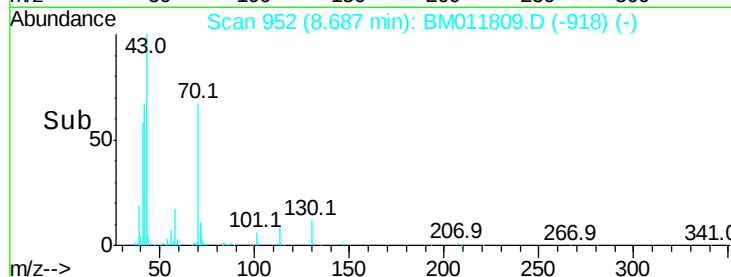
Abundance Ion 70.00 (69.70 to 70.70): BM011809.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BM011809.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BM011809.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BM011809.D (-918) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 27.400 ng/ul

RT: 11.96 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

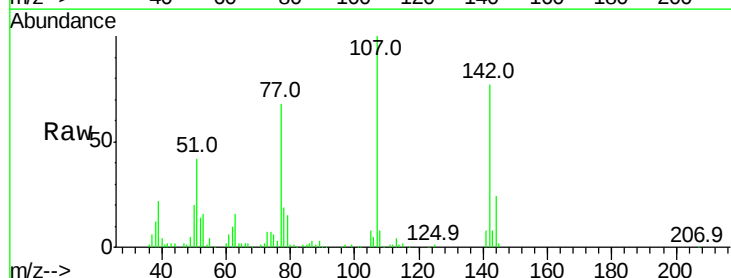
Tgt Ion: 107 Resp: 205986

Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.4	30.6
142	76.5	60.5	90.7

107 100

144 23.9 20.4 30.6

142 76.5 60.5 90.7

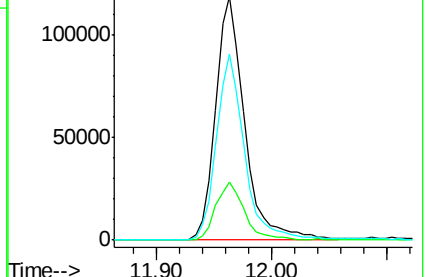
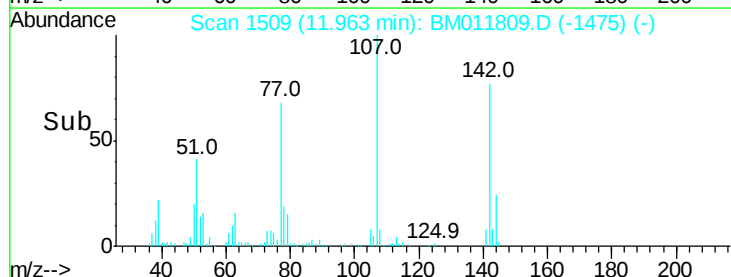


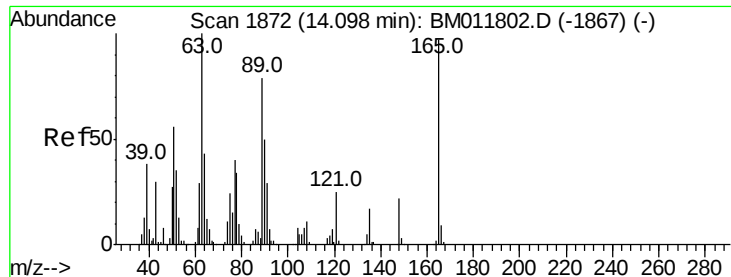
Abundance Ion 107.00 (106.70 to 107.70): BM011809.D (-1475) (-)

Ion 144.00 (143.70 to 144.70): BM011809.D (-1475) (-)

Ion 142.00 (141.70 to 142.70): BM011809.D (-1475) (-)

Time-->

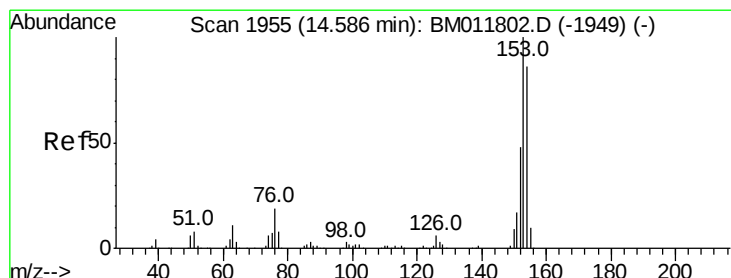
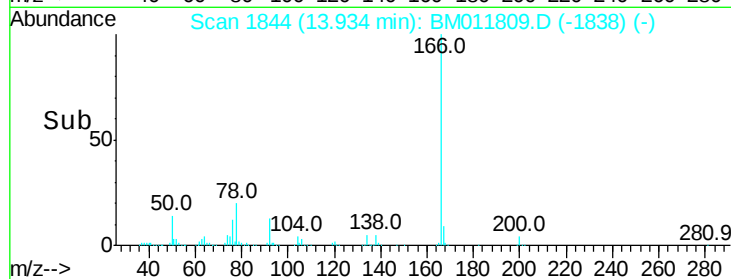
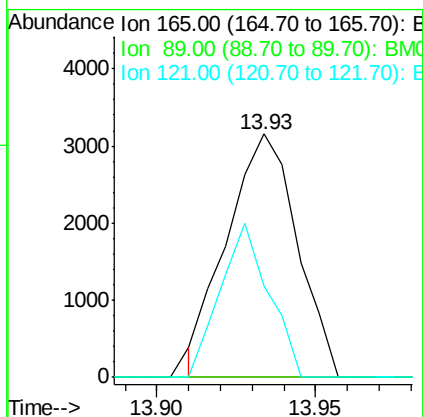
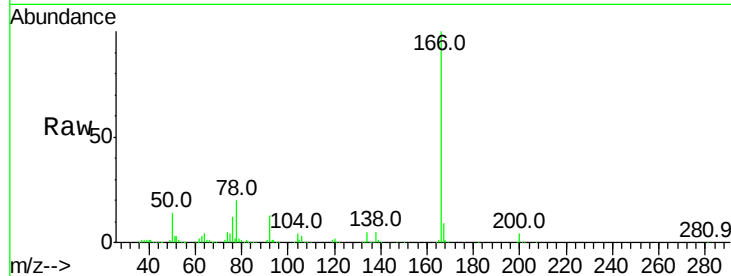




#45
2,6-Dinitrotoluene
Concen: 1.215 ng/ul
RT: 13.93 min Scan# 1844
Delta R.T. -0.16 min
Lab File: BM011809.D
Acq: 01 Oct 2017 15:20

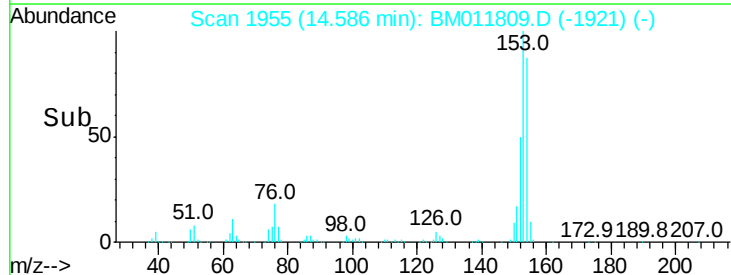
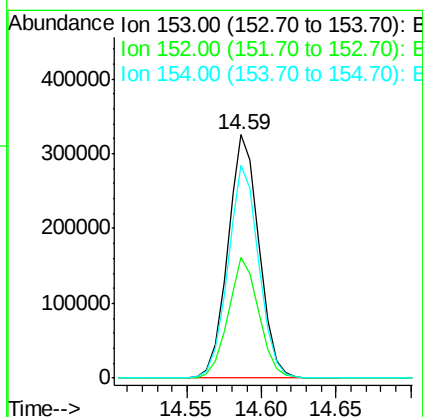
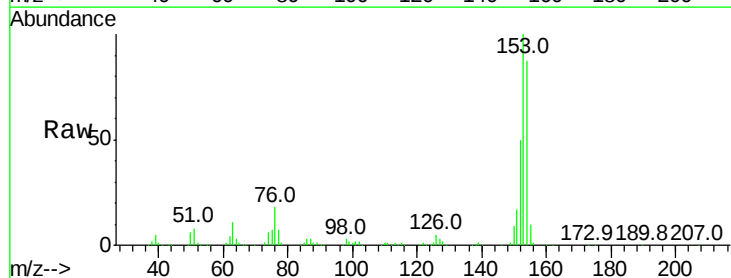
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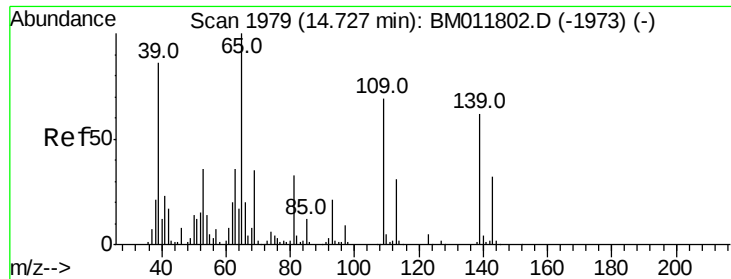
Tot Ion:165 Resp: 4839
Ion Ratio Lower Upper
165 100
89 0.0 52.6 79.0#
121 37.5 14.6 22.0#



#49
Acenaphthene
Concen: 25.424 ng/ul
RT: 14.59 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM011809.D
Acq: 01 Oct 2017 15:20

Tgt Ion:153 Resp: 475034
Ion Ratio Lower Upper
153 100
152 49.6 37.6 56.4
154 87.2 70.4 105.6





#52

4-Nitrophenol

Concen: 7.874 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

Instrument :

BNA_M

ClientSampleId :

ET243MS

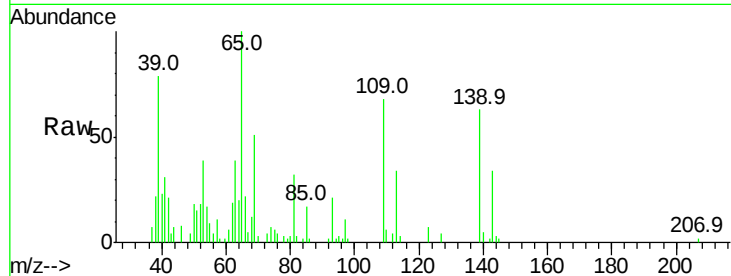
Tot Ion:109 Resp: 29770

Ion Ratio Lower Upper

109 100

139 92.3 80.0 120.0

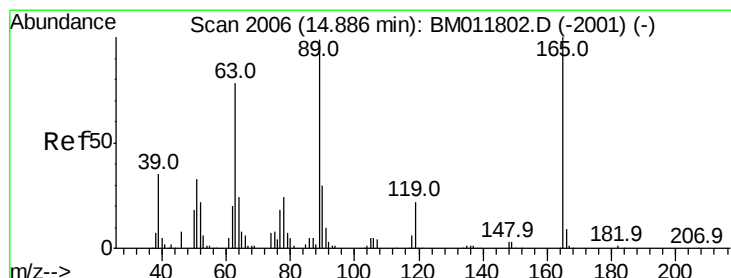
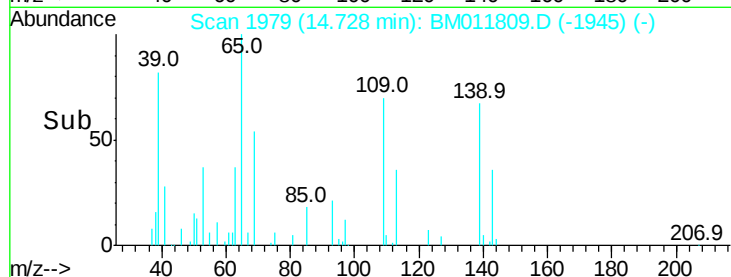
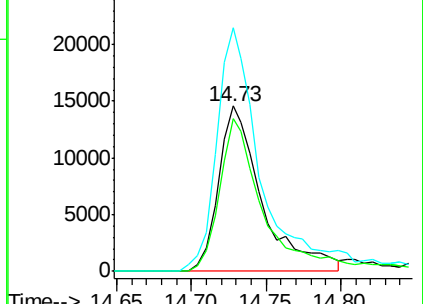
65 147.2 120.0 180.0



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: 26.595 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

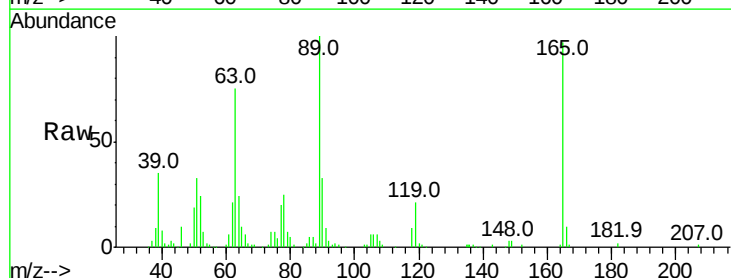
Tgt Ion:165 Resp: 151161

Ion Ratio Lower Upper

165 100

63 77.9 45.8 68.8#

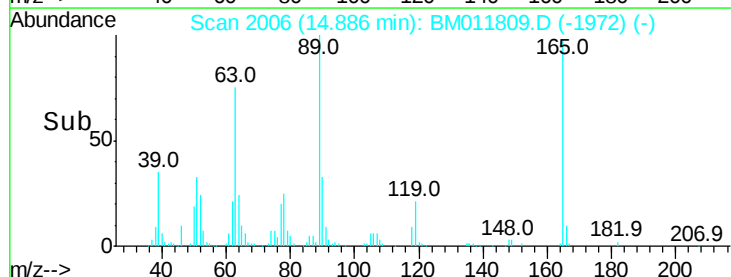
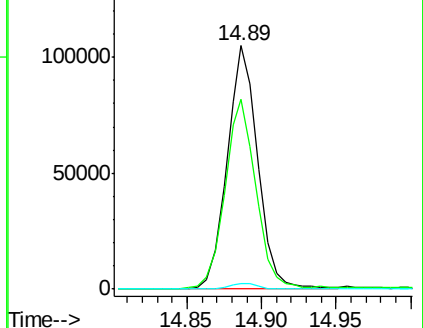
182 2.3 2.6 4.0#

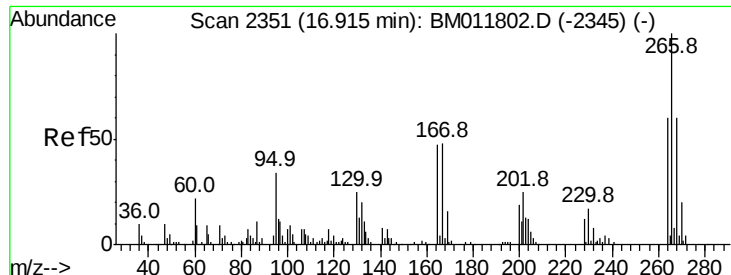


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

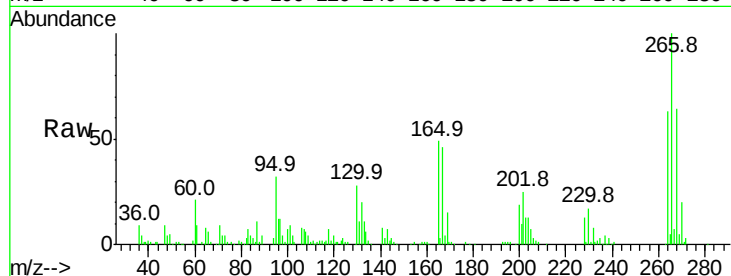




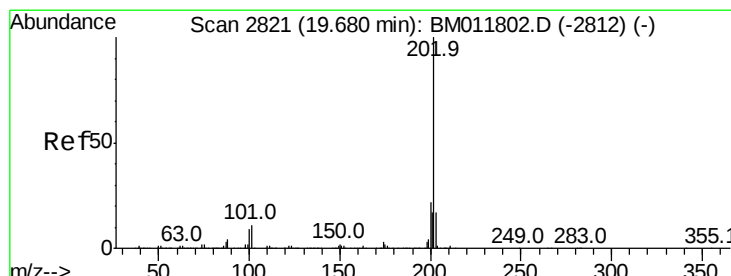
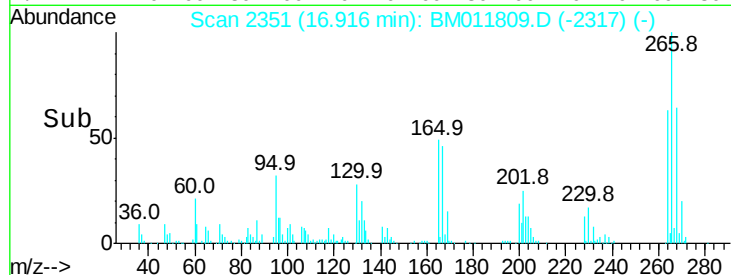
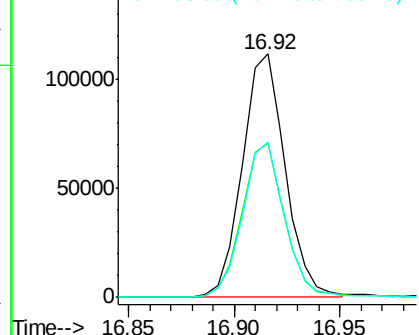
#68
 Pentachlorophenol
 Concen: 30.452 ng/ul
 RT: 16.92 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BM011809.D
 Acq: 01 Oct 2017 15:20

Instrument :
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Tot Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.3	73.9
268	63.8	52.6	78.8

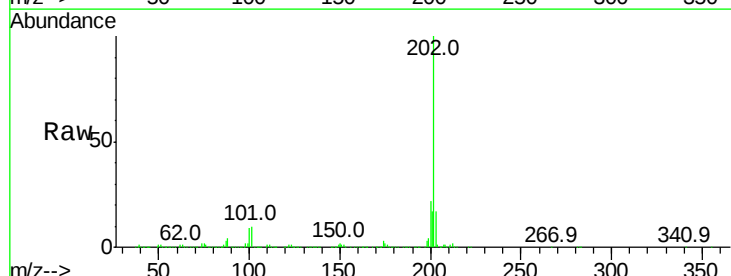


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 28.484 ng/ul
 RT: 19.68 min Scan# 2821
 Delta R.T. 0.00 min
 Lab File: BM011809.D
 Acq: 01 Oct 2017 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.5	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

