

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
 Data File : BM013666.D
 Acq On : 19 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1141-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJQ0MS

Quant Time: Jan 19 16:41:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 13:15:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	163051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	680045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	379992	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	791829	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	777545	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	759178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	15989	3.88	ng/uL	0.00
5) Phenol-d5	6.79	99	369675	29.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	216063	28.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	306596	30.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	307447	31.95	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	152990	28.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	169997	30.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	303448	28.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	402170	43.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	919167	29.35	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1200729	30.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	126509	24.86	ng/ul	0.00
57) Fluorene-d10	15.26	176	770300	27.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	124697	26.16	ng/ul	0.00
70) Anthracene-d10	17.12	188	1138628	29.52	ng/ul	0.00
76) Pyrene-d10	19.42	212	1172229	32.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1130090	32.39	ng/ul	0.00

Target Compounds

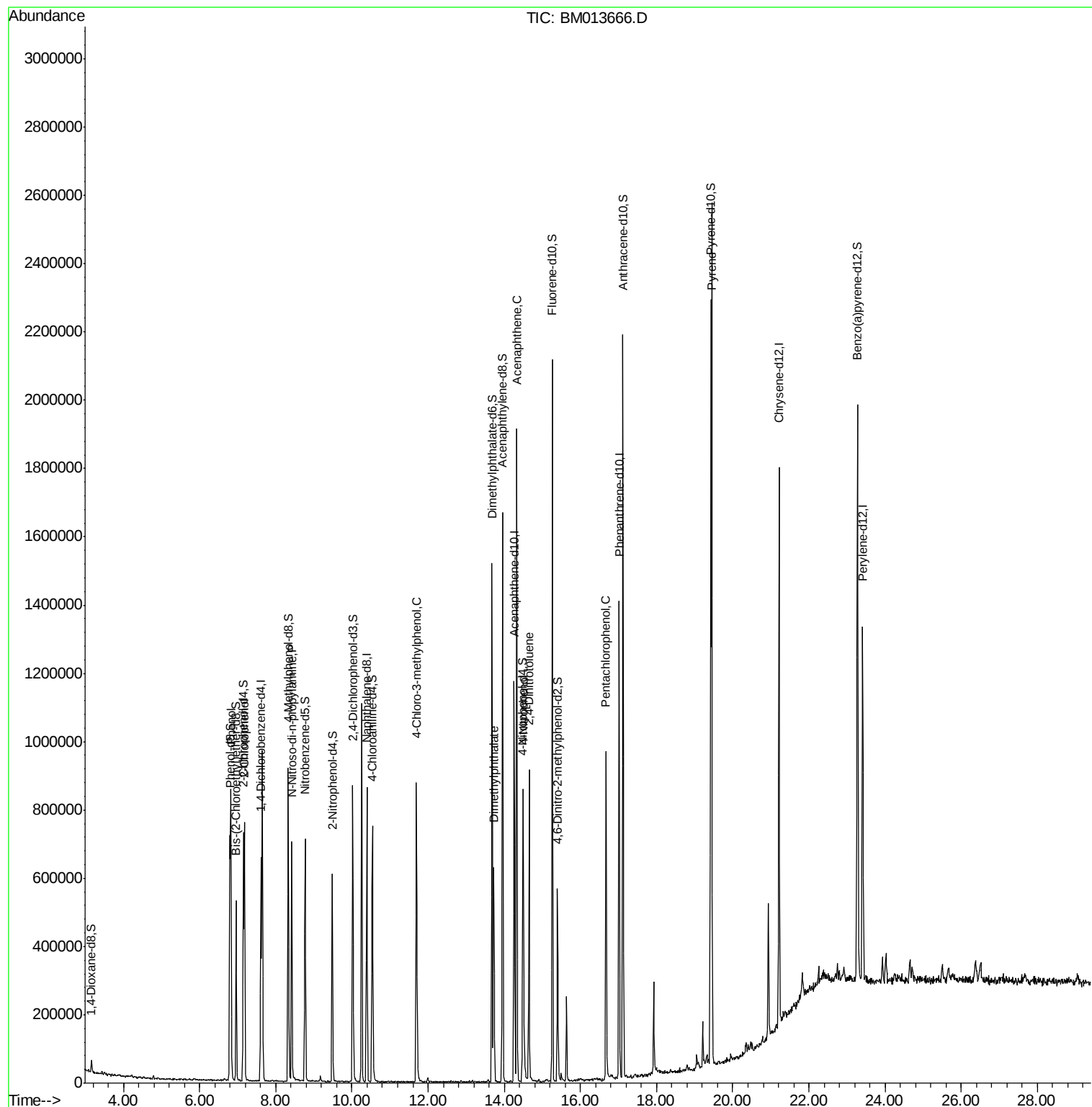
					Ovalue	
6) Phenol	6.82	94	407322	32.444	ng/ul#	87
10) 2-Chlorophenol	7.18	128	299154	29.428	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.42	70	247234	31.825	ng/ul#	66
33) 4-Chloro-3-methylphenol	11.69	107	317189	30.142	ng/ul	96
44) Dimethylphthalate	13.73	163	379632	12.329	ng/ul	100
49) Acenaphthene	14.33	153	735978	29.082	ng/ul	98
52) 4-Nitrophenol	14.50	109	130438	25.228	ng/ul#	82
54) 2,4-Dinitrotoluene	14.65	165	245738	28.251	ng/ul	86
68) Pentachlorophenol	16.67	266	170073	31.792	ng/ul	96
77) Pyrene	19.44	202	1497231	31.675	ng/ul#	92

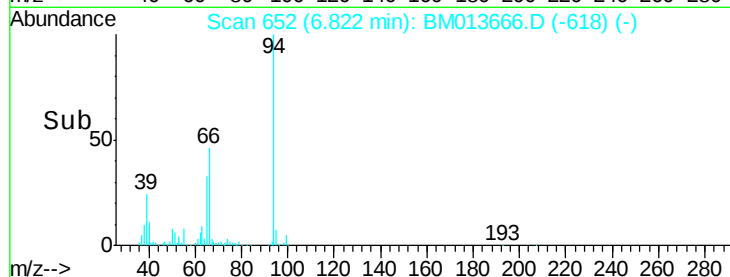
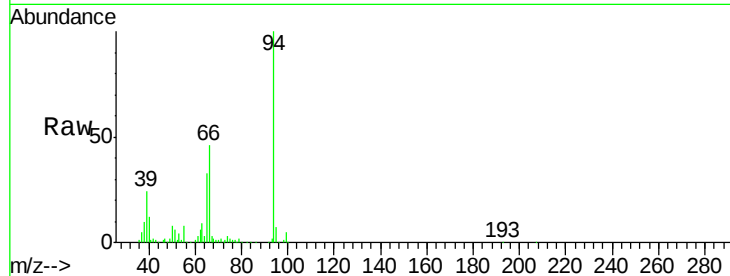
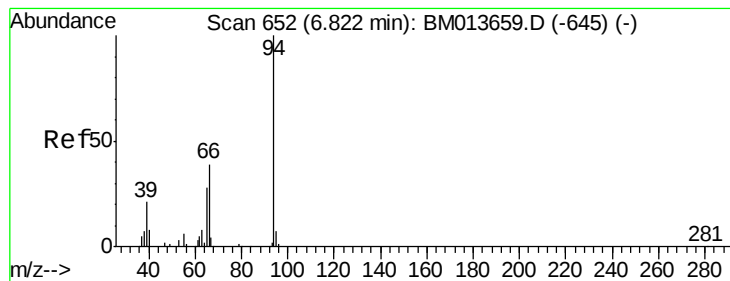
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 32.444 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

Instrument :

BNA_M

ClientSampleId :

DAJQ0MS

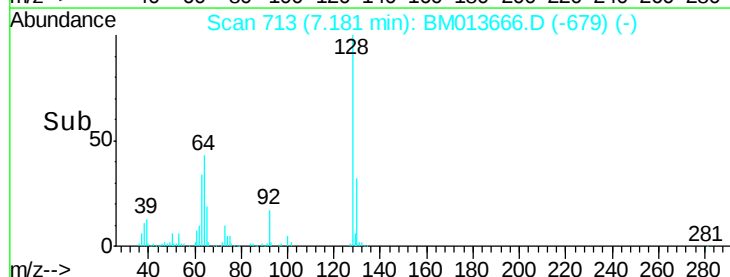
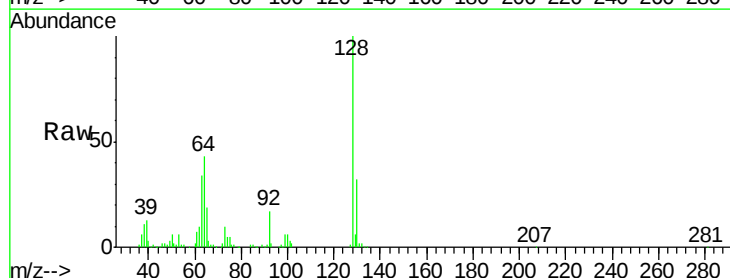
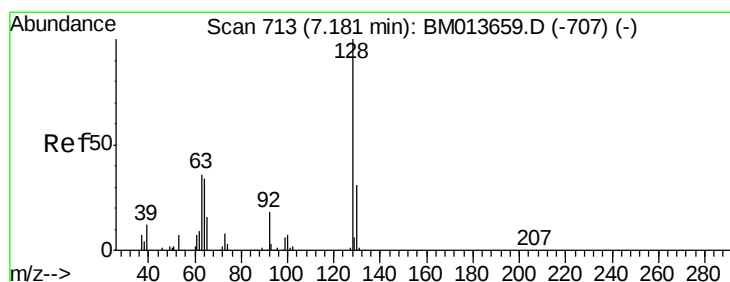
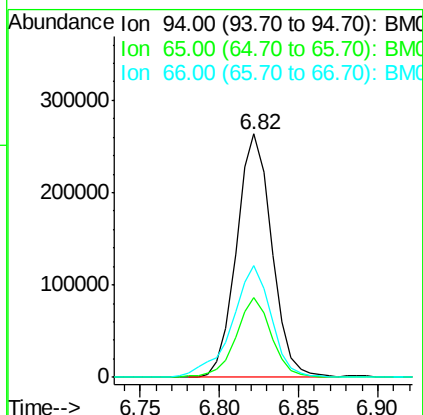
Tot Ion: 94 Resp: 407322

Ion Ratio Lower Upper

94 100

65 32.7 28.2 42.4

66 45.9 47.2 70.8#



#10

2-Chlorophenol

Concen: 29.428 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

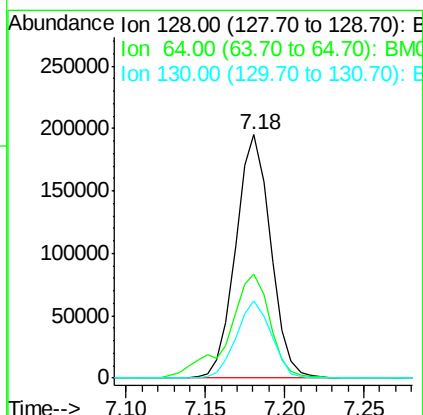
Tgt Ion: 128 Resp: 299154

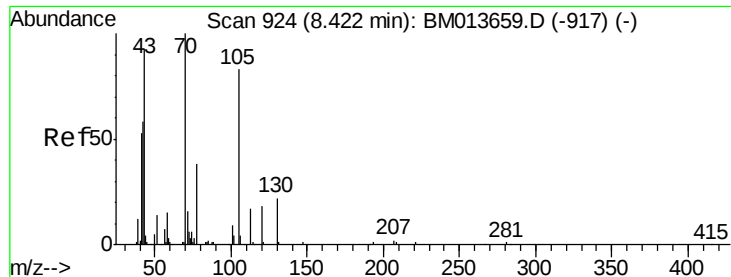
Ion Ratio Lower Upper

128 100

64 43.0 38.0 57.0

130 31.7 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 31.825 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.00 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

Instrument :

BNA_M

ClientSampleId :

DAJQ0MS

Tot Ion: 70 Resp: 247234

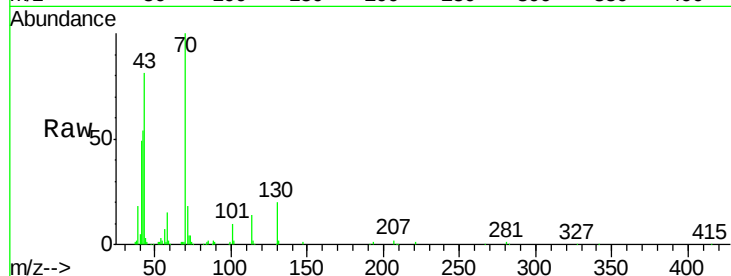
Ion Ratio Lower Upper

70 100

42 54.1 76.0 114.0#

101 9.7 6.7 10.1

130 20.1 14.6 22.0

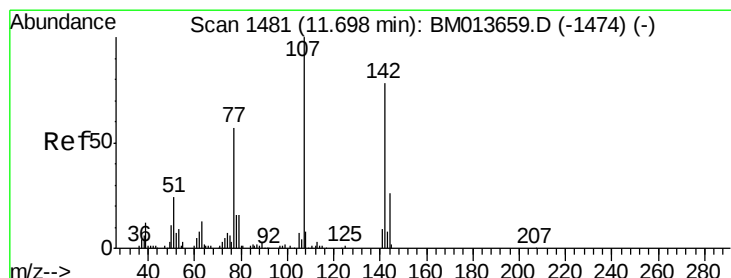
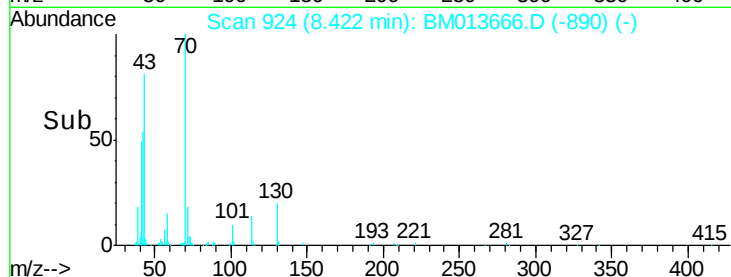
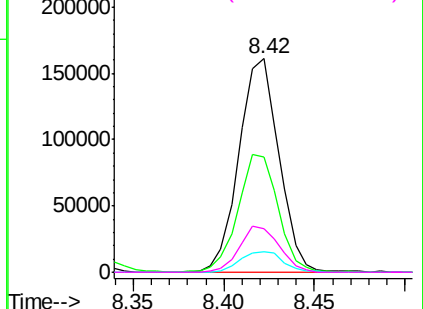


Abundance Ion 70.00 (69.70 to 70.70): BM013659.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM013659.D (-917) (-)

Ion 101.00 (100.70 to 101.70): BM013659.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM013659.D (-917) (-)



#33

4-Chloro-3-methylphenol

Concen: 30.142 ng/ul

RT: 11.69 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

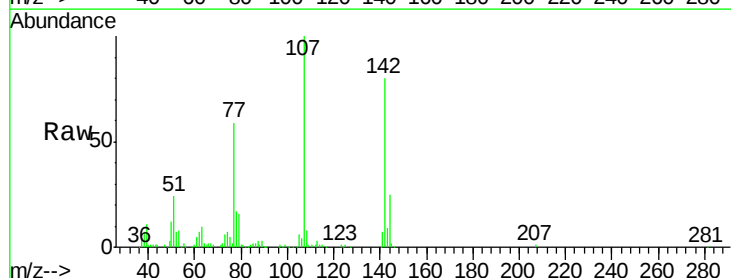
Tgt Ion: 107 Resp: 317189

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

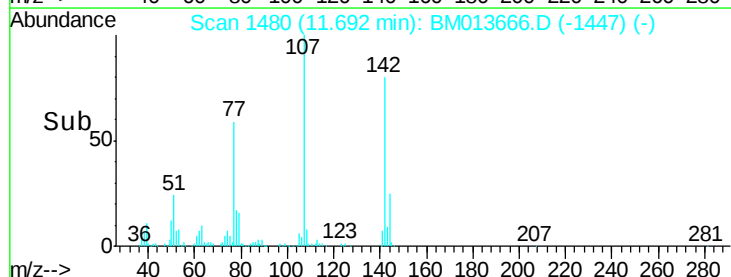
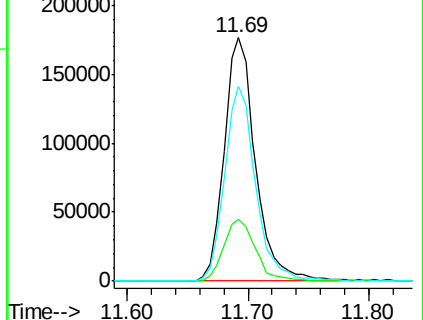
142 79.9 60.5 90.7

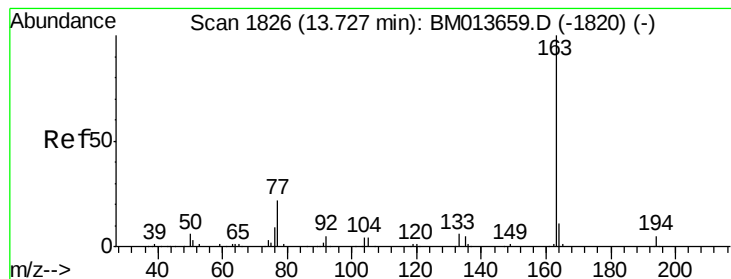


Abundance Ion 107.00 (106.70 to 107.70): BM013659.D (-1474) (-)

Ion 144.00 (143.70 to 144.70): BM013659.D (-1474) (-)

Ion 142.00 (141.70 to 142.70): BM013659.D (-1474) (-)





#44

Dimethylphthalate

Concen: 12.329 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

Instrument :

BNA_M

ClientSampleId :

DAJQ0MS

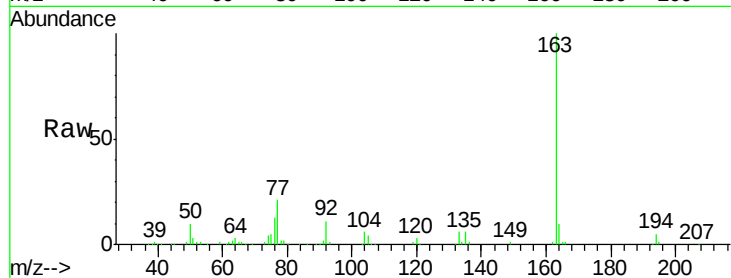
Tot Ion:163 Resp: 379632

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

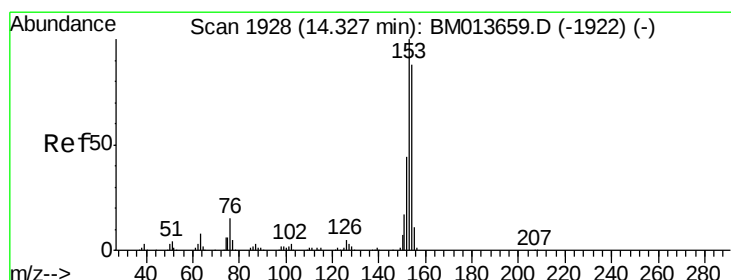
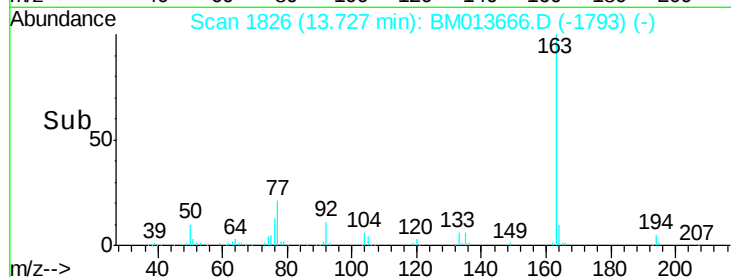
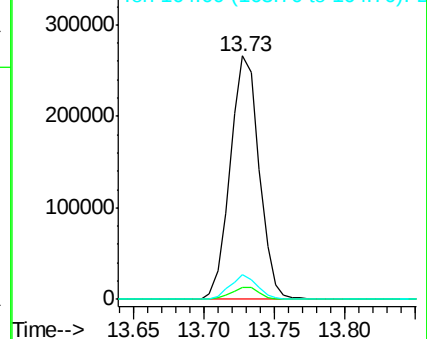
164 10.3 8.2 12.4



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



#49

Acenaphthene

Concen: 29.082 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

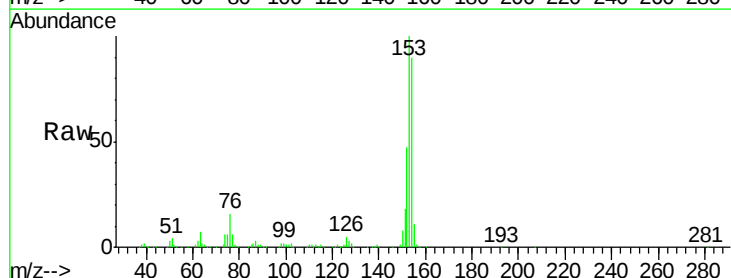
Tgt Ion:153 Resp: 735978

Ion Ratio Lower Upper

153 100

152 46.5 37.6 56.4

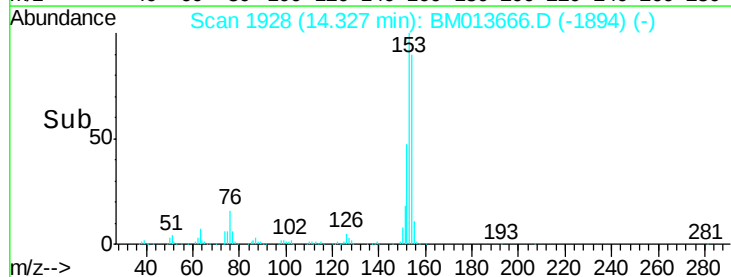
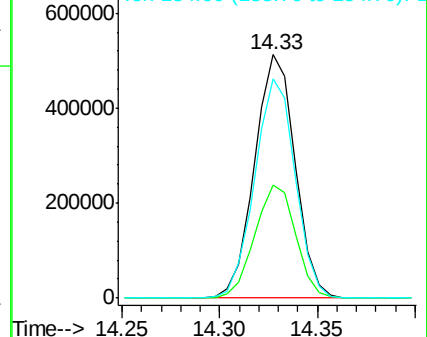
154 90.0 70.4 105.6

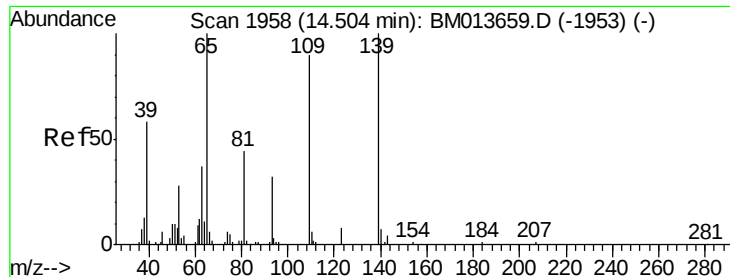


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 25.228 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

Instrument :

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ClientSampleId :

DAJQ0MS

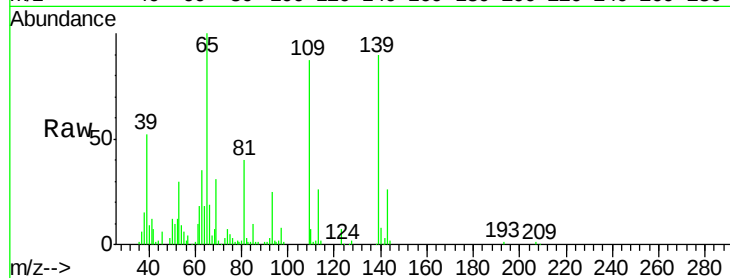
Tot Ion:109 Resp: 130438

Ion Ratio Lower Upper

109 100

139 102.9 80.0 120.0

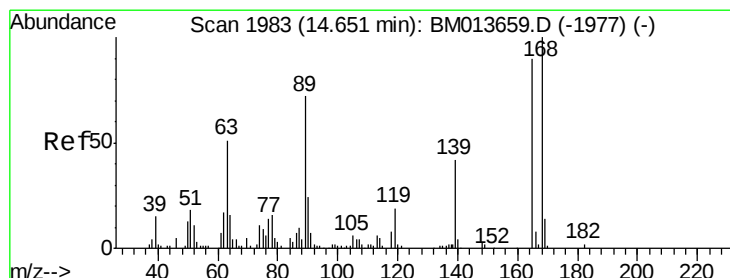
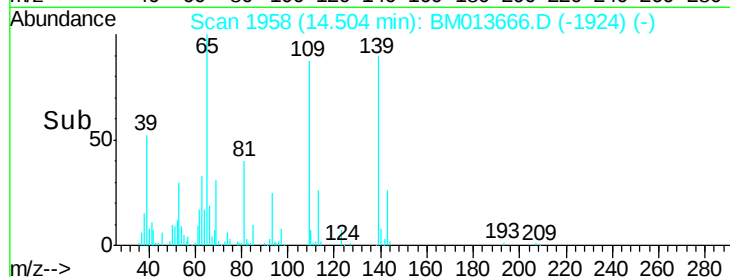
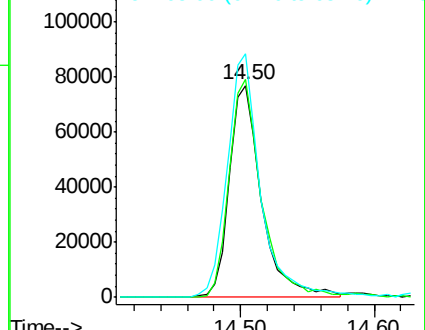
65 114.9 120.0 180.0#



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: 28.251 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM013666.D

Acq: 19 Jan 2018 16:03

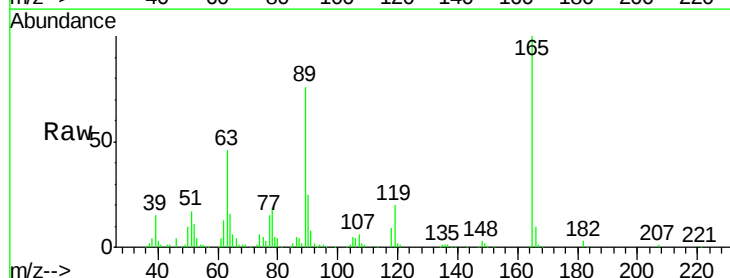
Tgt Ion:165 Resp: 245738

Ion Ratio Lower Upper

165 100

63 46.1 45.8 68.8

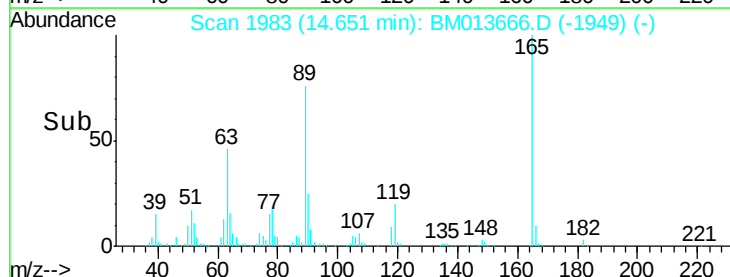
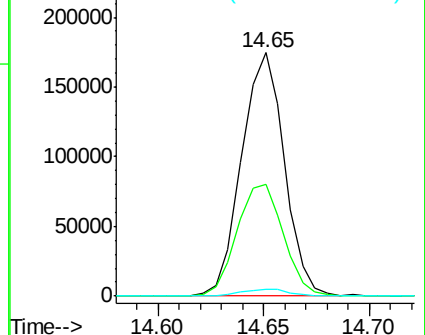
182 2.7 2.6 4.0

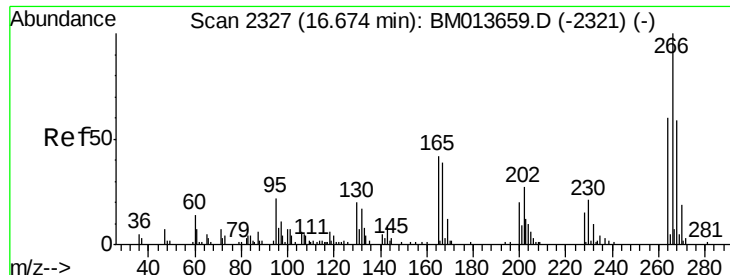


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

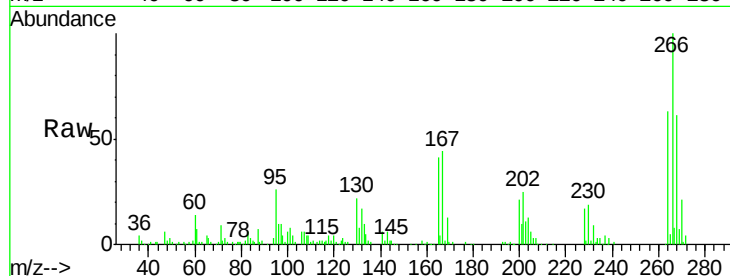




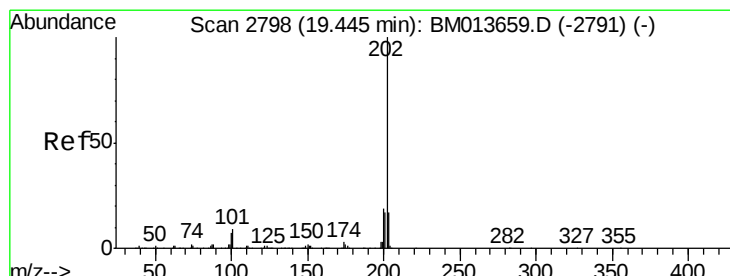
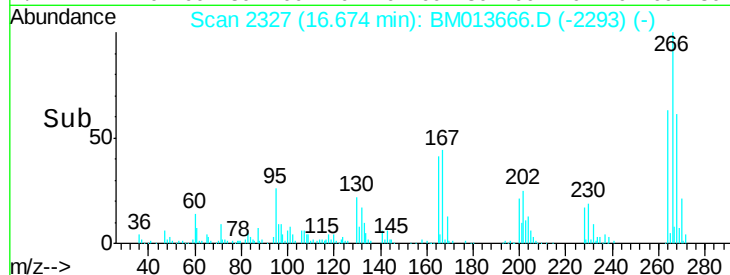
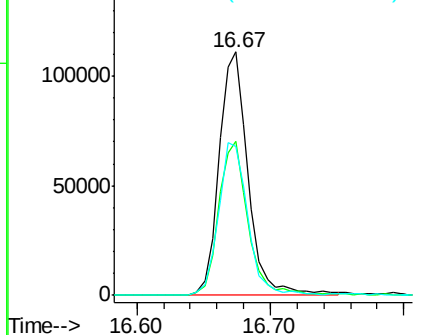
#68
 Pentachlorophenol
 Concen: 31.792 ng/ul
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BM013666.D
 Acq: 19 Jan 2018 16:03

Instrument :
 BNA_M
 ClientSampleId :
 DAJQ0MS

Tot Ion:266 Resp: 170073
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.3 73.9
 268 61.2 52.6 78.8

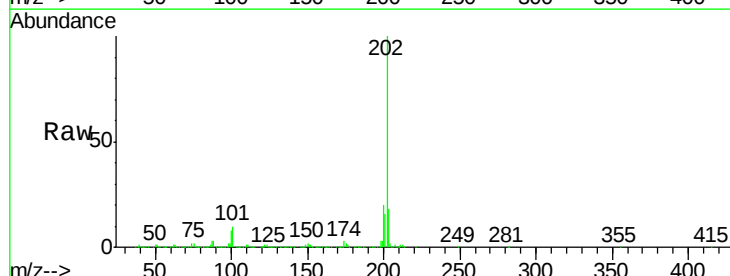


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 31.675 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.01 min
 Lab File: BM013666.D
 Acq: 19 Jan 2018 16:03

Tgt Ion:202 Resp: 1497231
 Ion Ratio Lower Upper
 202 100
 101 9.6 5.1 7.7#
 100 8.1 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

