

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011218\
 Data File : BM013573.D
 Acq On : 12 Jan 2018 21:30
 Operator : SJ/JU
 Sample : J1079-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MS

Quant Time: Jan 15 13:42:18 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 13 01:50:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	120527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	481039	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	271395	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	632475	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	718650	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	728656	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	17193	5.64	ng/uL	0.00
5) Phenol-d5	6.80	99	276331	29.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	174261	31.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	226401	30.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	221919	31.20	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	110502	29.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	117939	29.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	220276	28.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	277821	42.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	694509	31.05	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	877429	30.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	96093	26.43	ng/ul	0.00
57) Fluorene-d10	15.27	176	606182	30.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	91241	23.97	ng/ul	0.00
70) Anthracene-d10	17.13	188	938773	30.47	ng/ul	0.00
76) Pyrene-d10	19.43	212	1063182	31.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1093517	32.65	ng/ul	0.00

Target Compounds

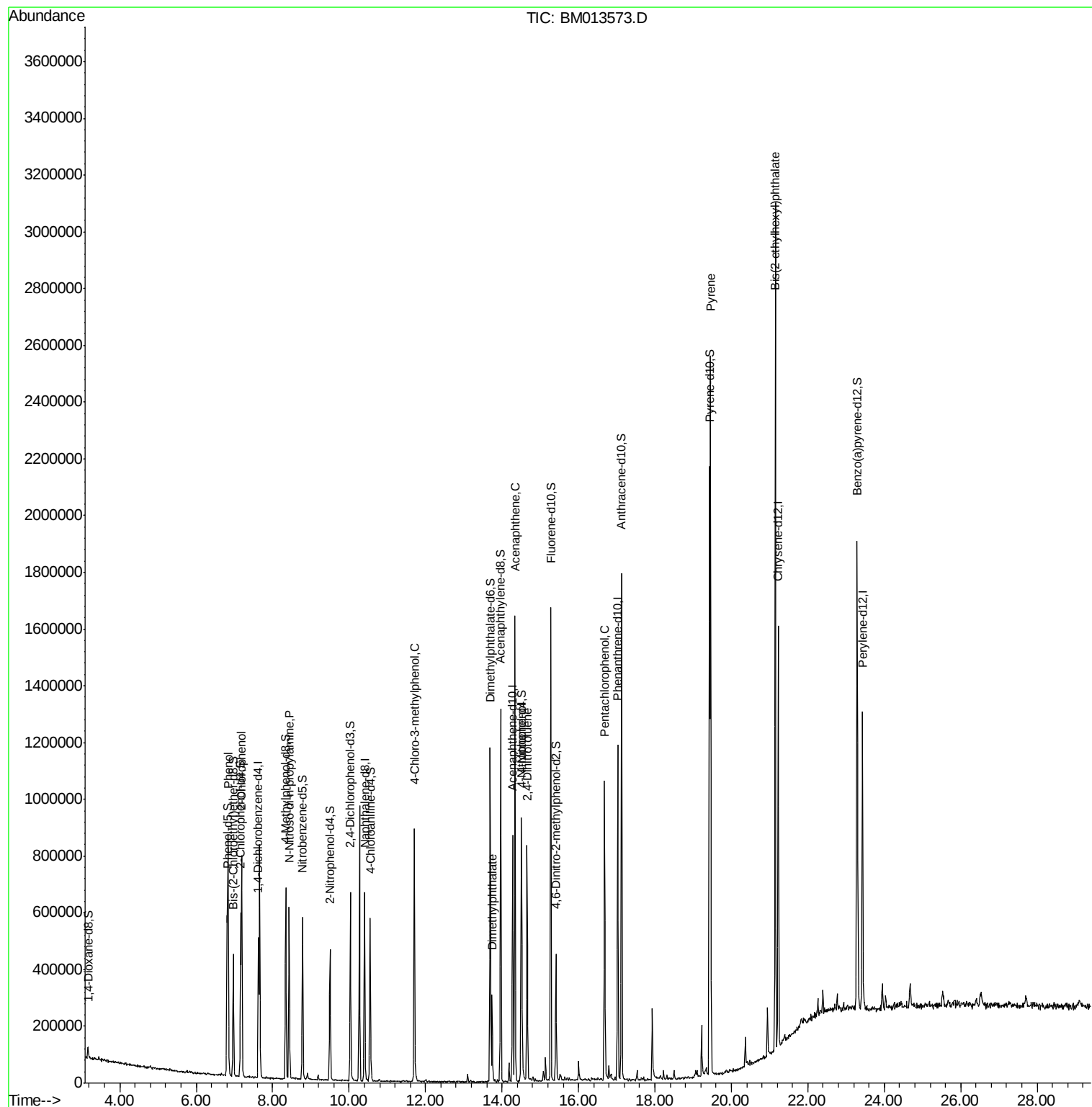
					Qvalue	
6) Phenol	6.83	94	394894	42.551	ng/ul#	87
10) 2-Chlorophenol	7.19	128	293061	39.000	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.43	70	197863	34.455	ng/ul#	70
33) 4-Chloro-3-methylphenol	11.70	107	294584	39.575	ng/ul	99
44) Dimethylphthalate	13.74	163	175909	7.999	ng/ul	99
49) Acenaphthene	14.34	153	605130	33.479	ng/ul	100
52) 4-Nitrophenol	14.51	109	147102	39.836	ng/ul#	85
54) 2,4-Dinitrotoluene	14.66	165	208056	33.490	ng/ul	90
68) Pentachlorophenol	16.68	266	175341	41.035	ng/ul	94
77) Pyrene	19.46	202	1446813	33.116	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.15	149	938450	40.643	ng/ul	99

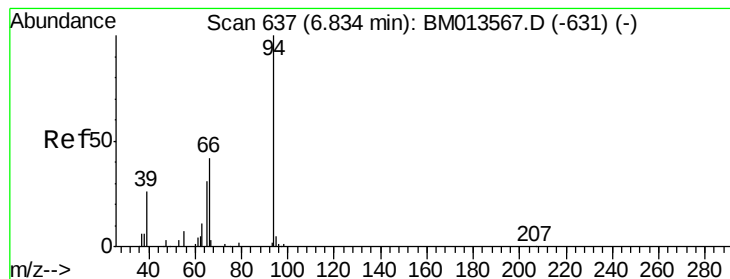
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 42.551 ng/ul

RT: 6.83 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

Instrument :

BNA_M

ClientSampleId :

DAJK1MS

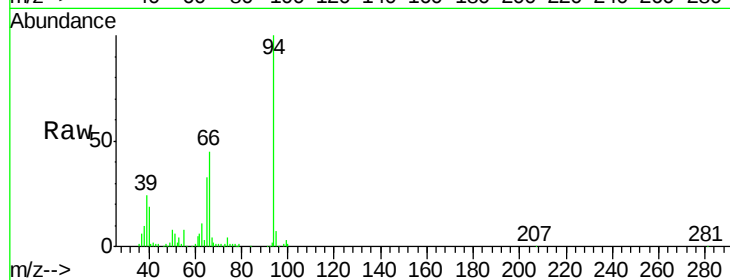
Tgt Ion: 94 Resp: 394894

Ion Ratio Lower Upper

94 100

65 33.3 28.2 42.4

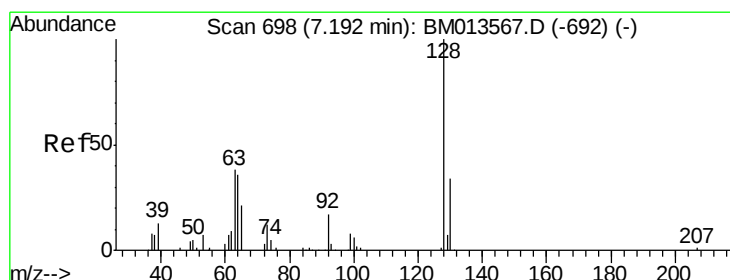
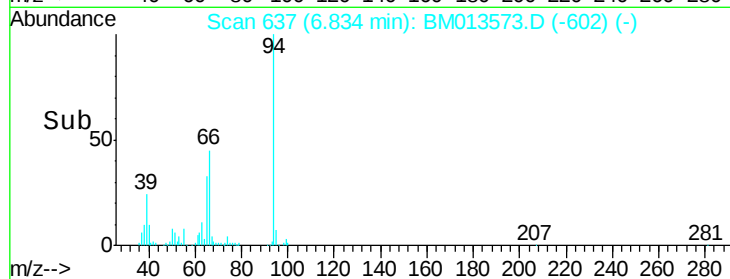
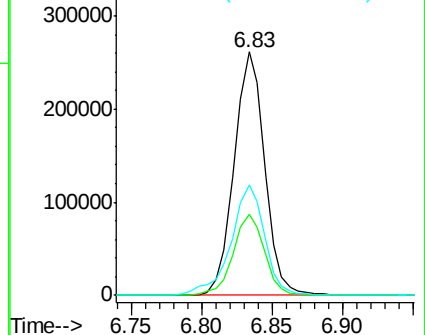
66 45.3 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013567.D (-631) (-)

Ion 65.00 (64.70 to 65.70): BM013567.D (-631) (-)

Ion 66.00 (65.70 to 66.70): BM013567.D (-631) (-)



#10

2-Chlorophenol

Concen: 39.000 ng/ul

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

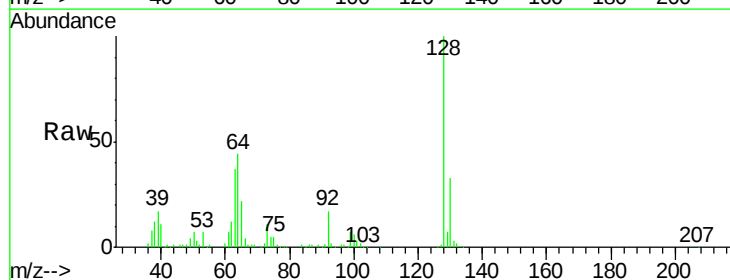
Tgt Ion: 128 Resp: 293061

Ion Ratio Lower Upper

128 100

64 43.6 38.0 57.0

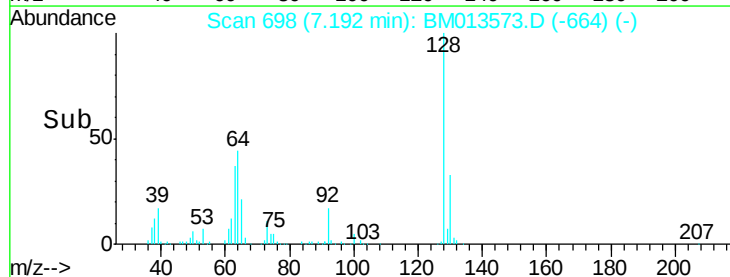
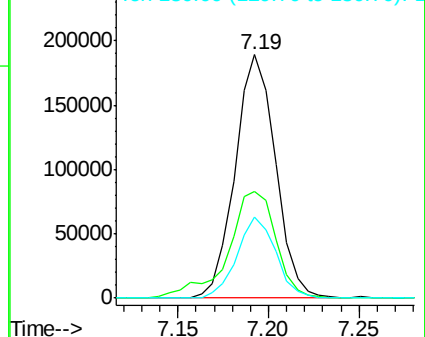
130 33.2 24.4 36.6

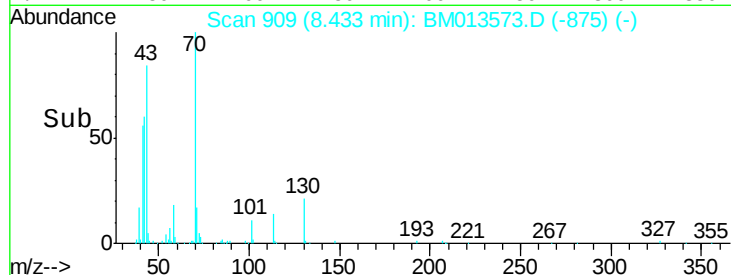
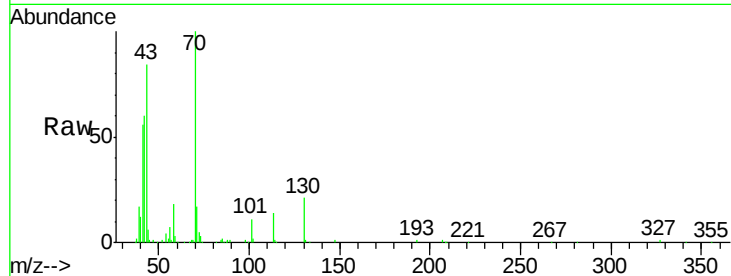
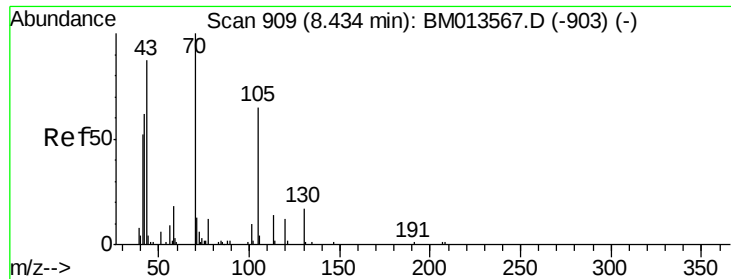


Abundance Ion 128.00 (127.70 to 128.70): BM013567.D (-692) (-)

Ion 64.00 (63.70 to 64.70): BM013567.D (-692) (-)

Ion 130.00 (129.70 to 130.70): BM013567.D (-692) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 34.455 ng/ul

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

Instrument :

BNA_M

ClientSampleId :

DAJK1MS

Tgt Ion: 70 Resp: 197863

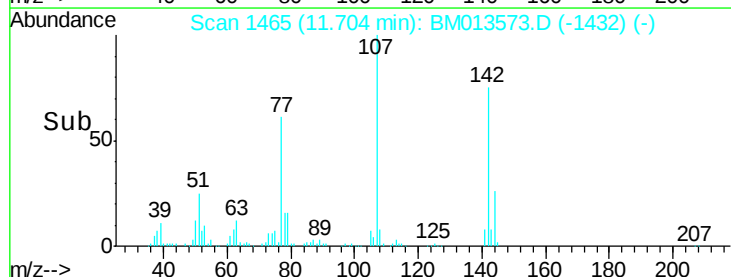
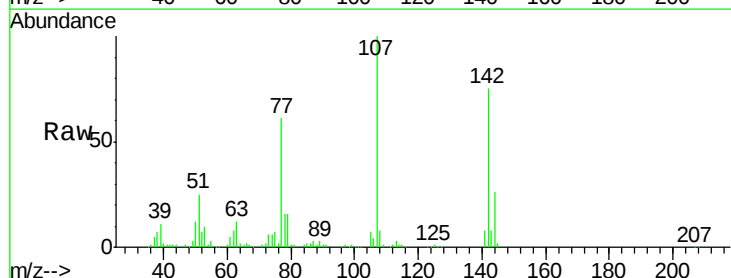
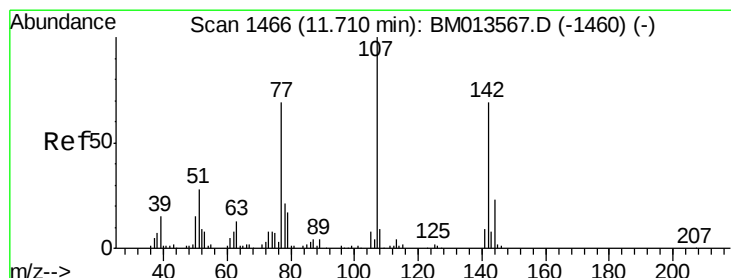
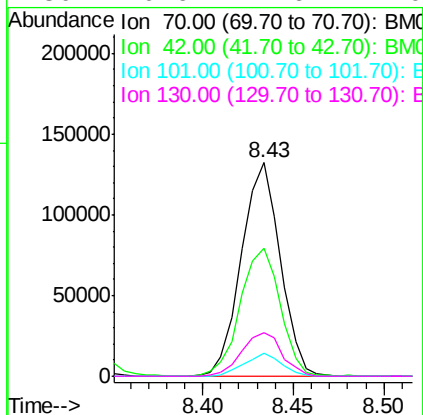
Ion Ratio Lower Upper

70 100

42 59.8 76.0 114.0#

101 11.0 6.7 10.1#

130 20.6 14.6 22.0



#33

4-Chloro-3-methylphenol

Concen: 39.575 ng/ul

RT: 11.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

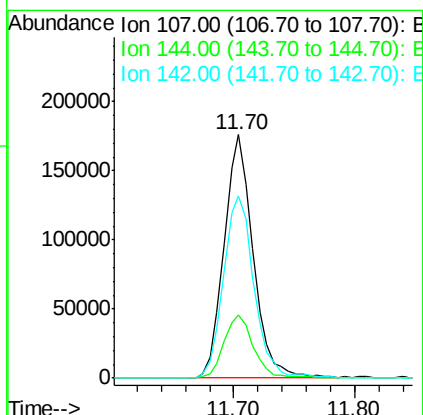
Tgt Ion: 107 Resp: 294584

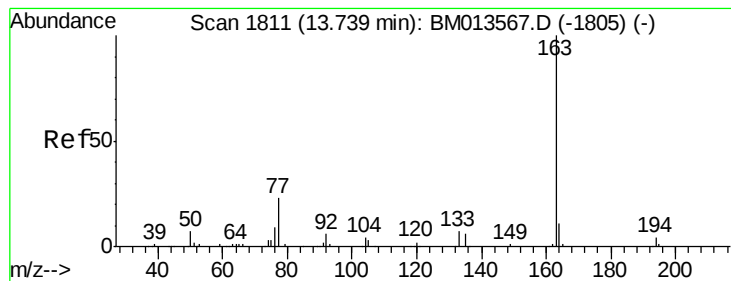
Ion Ratio Lower Upper

107 100

144 26.1 20.4 30.6

142 75.1 60.5 90.7





#44

Dimethylphthalate

Concen: 7.999 ng/ul

RT: 13.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

Instrument :

BNA_M

ClientSampleId :

DAJK1MS

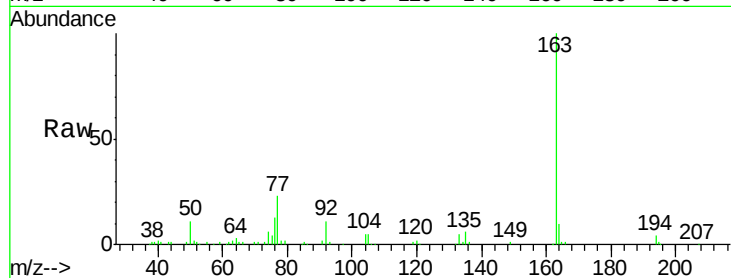
Tgt Ion:163 Resp: 175909

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

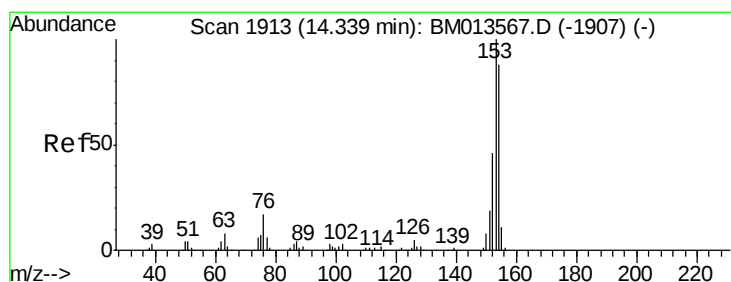
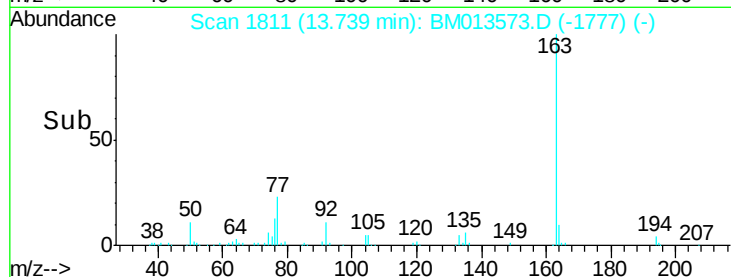
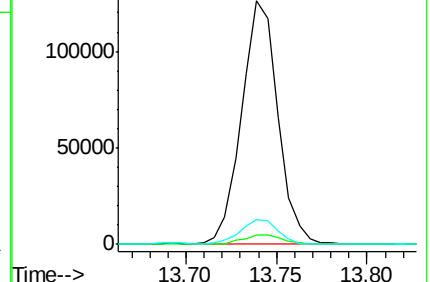
164 10.0 8.2 12.4



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: 33.479 ng/ul

RT: 14.34 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

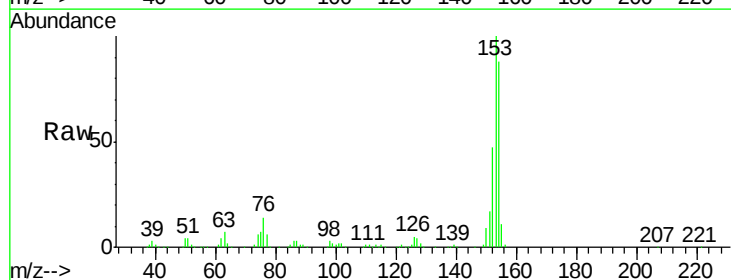
Tgt Ion:153 Resp: 605130

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

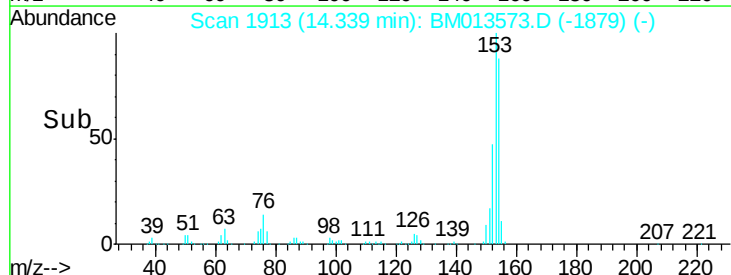
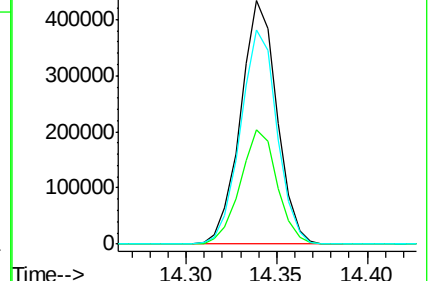
154 88.2 70.4 105.6

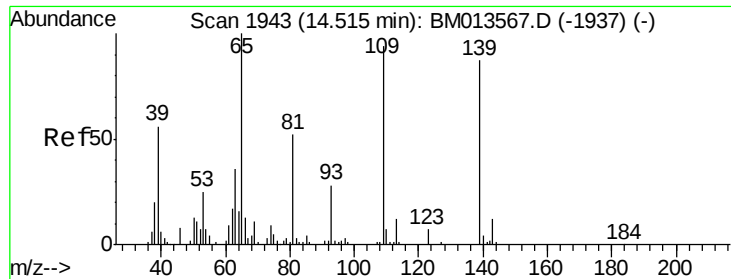


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 39.836 ng/ul

RT: 14.51 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

Instrument :

BNA_M

ClientSampleId :

DAJK1MS

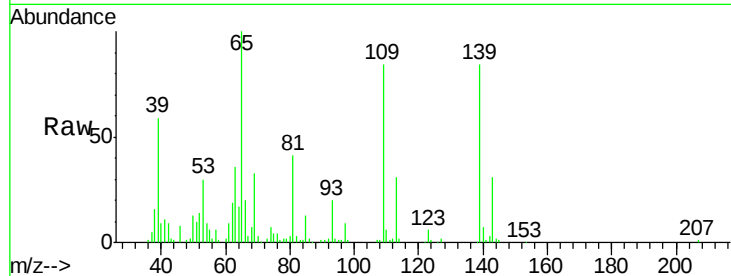
Tgt Ion:109 Resp: 147102

Ion Ratio Lower Upper

109 100

139 99.5 80.0 120.0

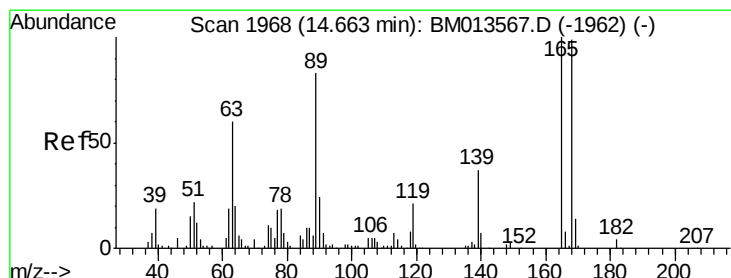
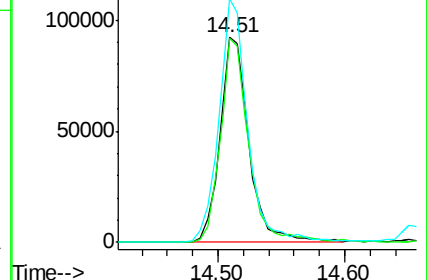
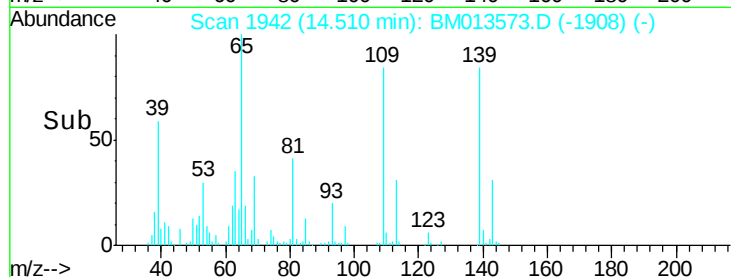
65 119.0 120.0 180.0#



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: 33.490 ng/ul

RT: 14.66 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BM013573.D

Acq: 12 Jan 2018 21:30

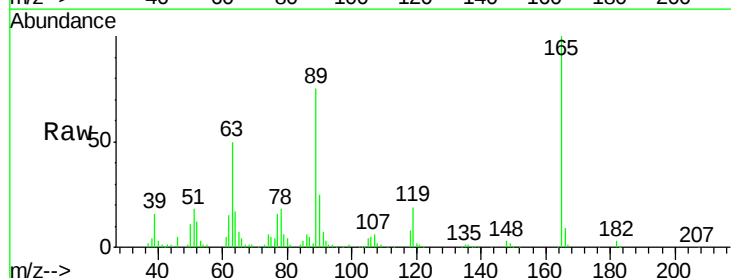
Tgt Ion:165 Resp: 208056

Ion Ratio Lower Upper

165 100

63 49.7 45.8 68.8

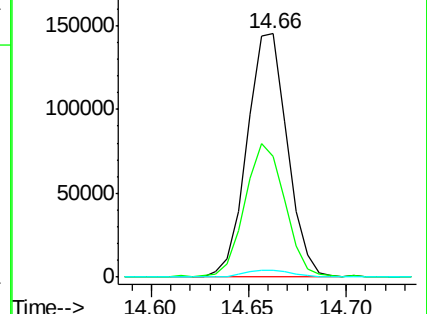
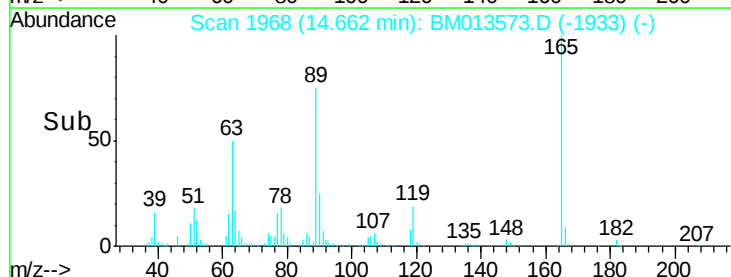
182 2.9 2.6 4.0

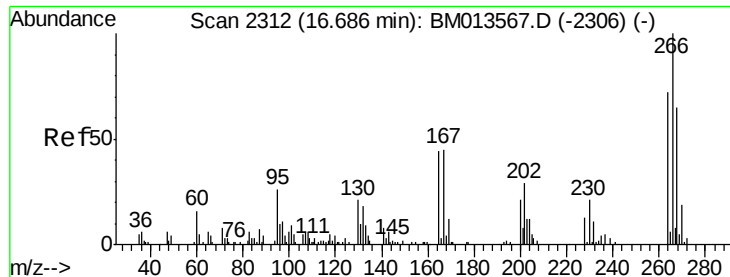


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

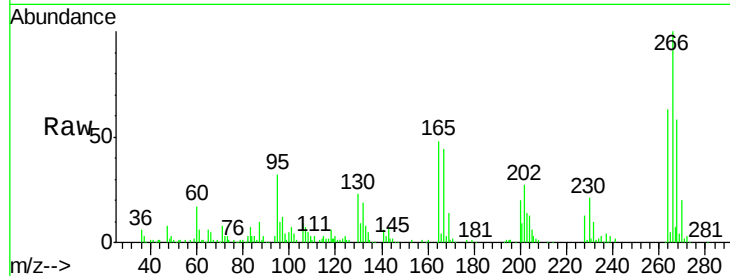




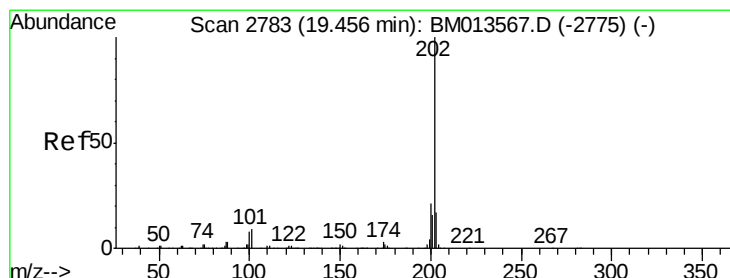
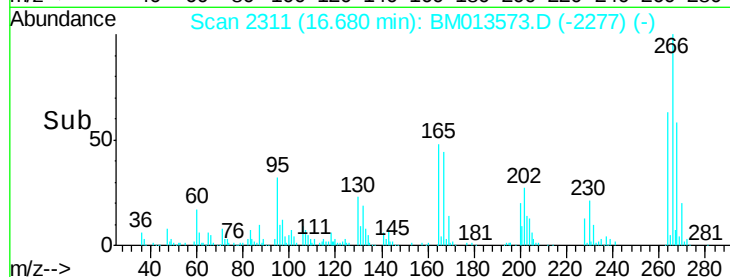
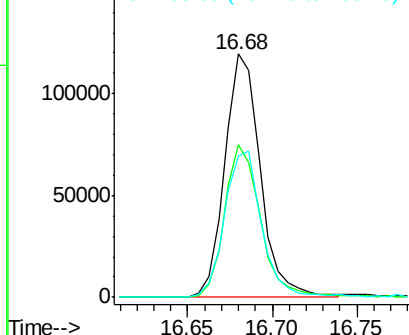
#68
 Pentachlorophenol
 Concen: 41.035 ng/ul
 RT: 16.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BM013573.D
 Acq: 12 Jan 2018 21:30

Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MS

Tgt Ion:266 Resp: 175341
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.3 73.9
 268 58.1 52.6 78.8

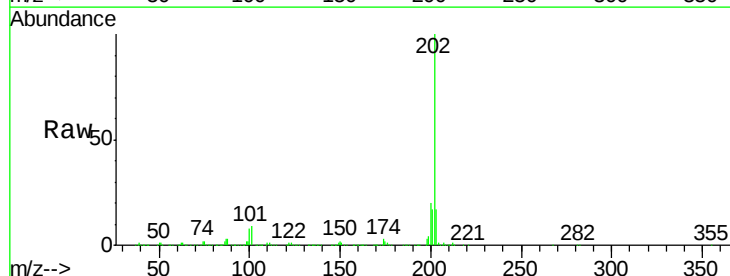


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

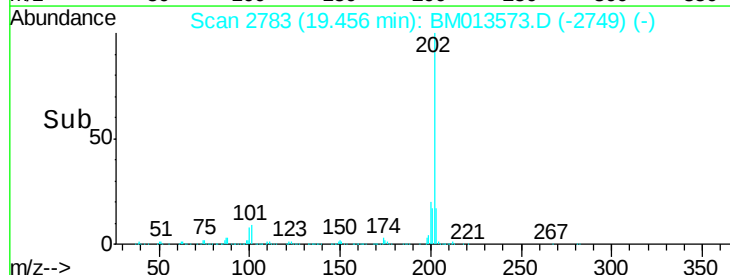
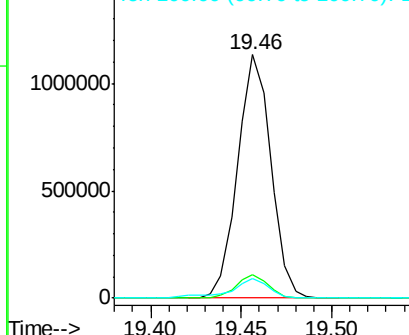


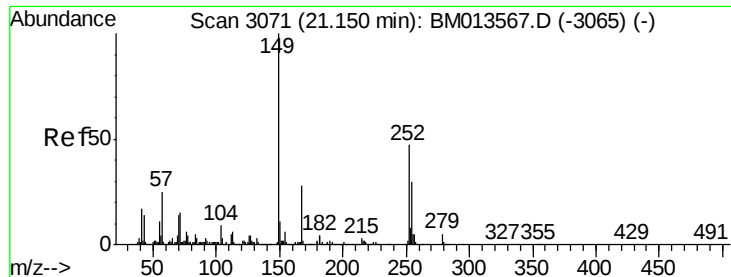
#77
 Pyrene
 Concen: 33.116 ng/ul
 RT: 19.46 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: BM013573.D
 Acq: 12 Jan 2018 21:30

Tgt Ion:202 Resp: 1446813
 Ion Ratio Lower Upper
 202 100
 101 9.5 5.1 7.7#
 100 8.0 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





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 40.643 ng/ul
 RT: 21.15 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BM013573.D
 Acq: 12 Jan 2018 21:30

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Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.8	34.2
279	5.2	4.9	7.3

