

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011218\
 Data File : BM013574.D
 Acq On : 12 Jan 2018 22:06
 Operator : SJ/JU
 Sample : J1079-12MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MSD

Quant Time: Jan 15 14:05:47 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	142546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	536691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	292805	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	675316	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	752505	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	761691	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	20733	5.75	ng/uL	0.00
5) Phenol-d5	6.81	99	343221	31.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	215629	32.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	278783	31.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	275729	32.78	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	141350	33.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	145431	33.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	268945	31.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	330832	44.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	805241	33.37	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1049749	34.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	113529	28.95	ng/ul	0.00
57) Fluorene-d10	15.27	176	708704	33.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	107064	26.34	ng/ul	0.00
70) Anthracene-d10	17.13	188	1077656	32.76	ng/ul	0.00
76) Pyrene-d10	19.43	212	1197809	34.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1212295	34.63	ng/ul	0.00

Target Compounds

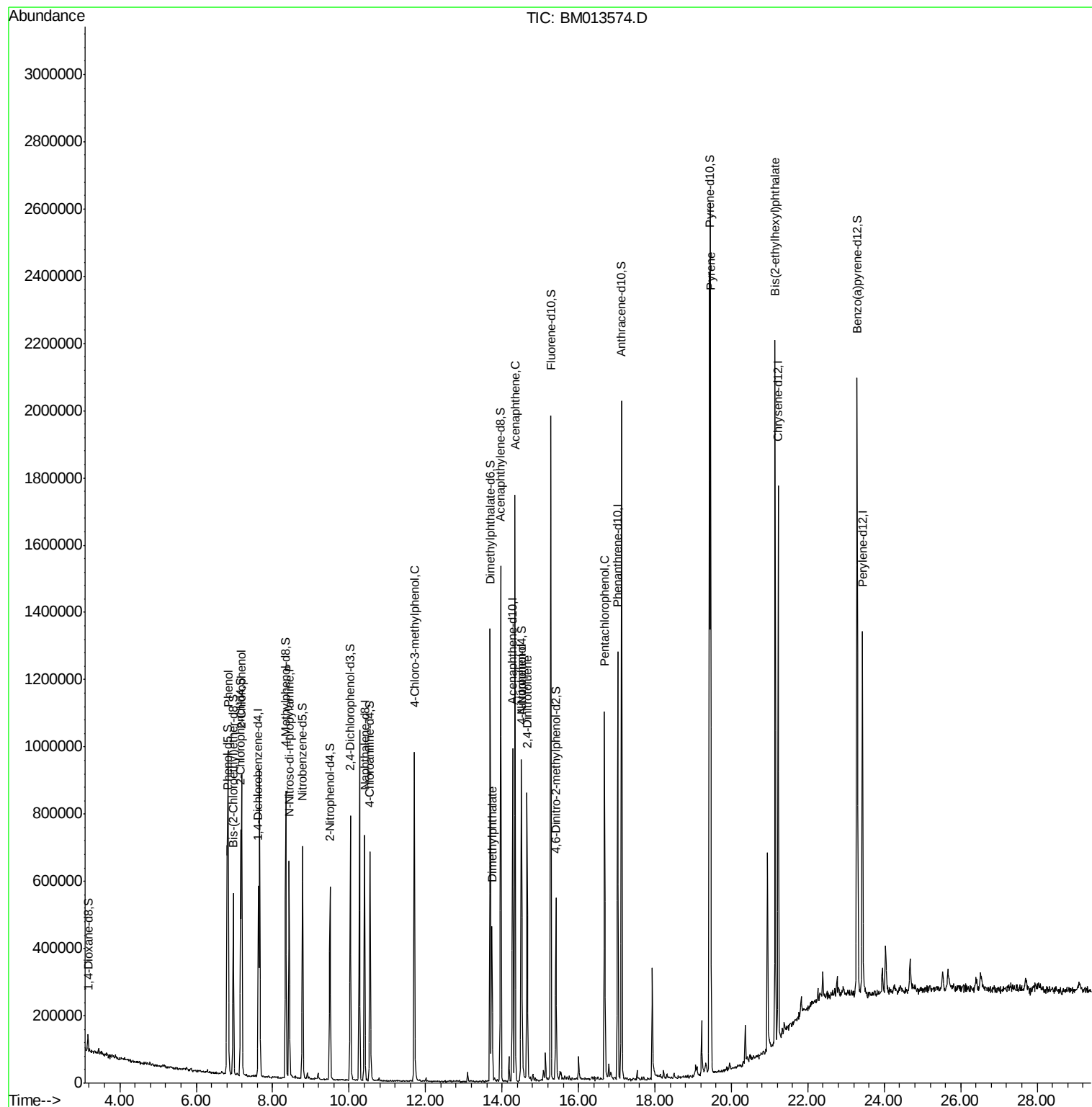
					Qvalue	
6) Phenol	6.83	94	449668	40.969	ng/ul#	87
10) 2-Chlorophenol	7.19	128	331075	37.254	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.43	70	221463	32.608	ng/ul#	69
33) 4-Chloro-3-methylphenol	11.70	107	317249	38.200	ng/ul	95
44) Dimethylphthalate	13.74	163	258756	10.905	ng/ul	96
49) Acenaphthene	14.34	153	638297	32.732	ng/ul	98
52) 4-Nitrophenol	14.51	109	154991	38.903	ng/ul#	77
54) 2,4-Dinitrotoluene	14.66	165	210060	31.340	ng/ul	93
68) Pentachlorophenol	16.68	266	174980	38.353	ng/ul	95
77) Pyrene	19.46	202	1461719	31.952	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.15	149	679771	28.116	ng/ul	98

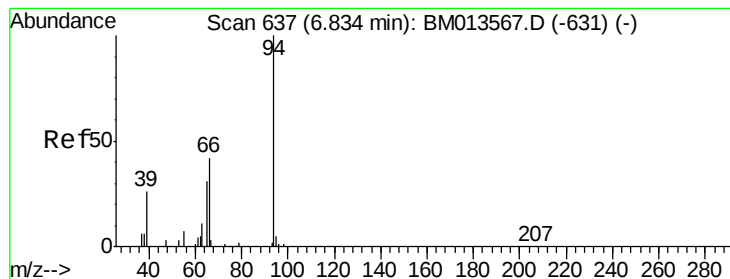
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 40.969 ng/ul

RT: 6.83 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

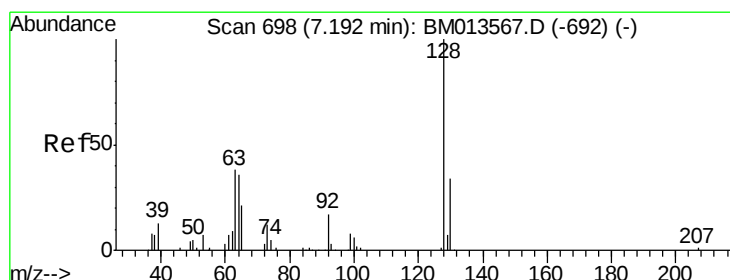
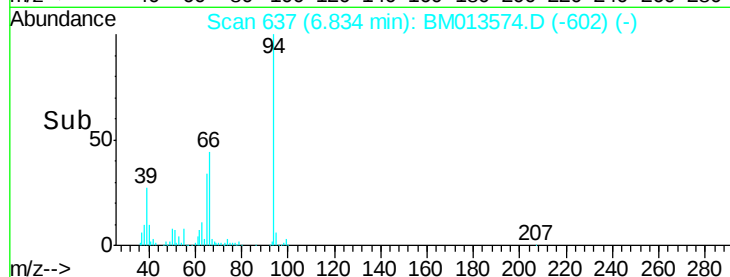
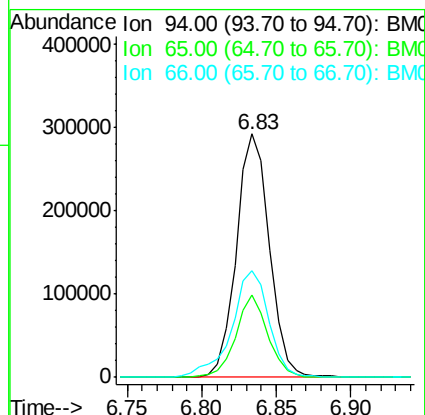
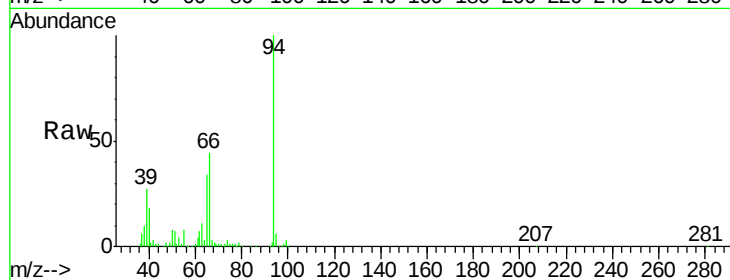
Tgt Ion: 94 Resp: 449668

Ion Ratio Lower Upper

94 100

65 33.9 28.2 42.4

66 44.0 47.2 70.8#



#10

2-Chlorophenol

Concen: 37.254 ng/ul

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

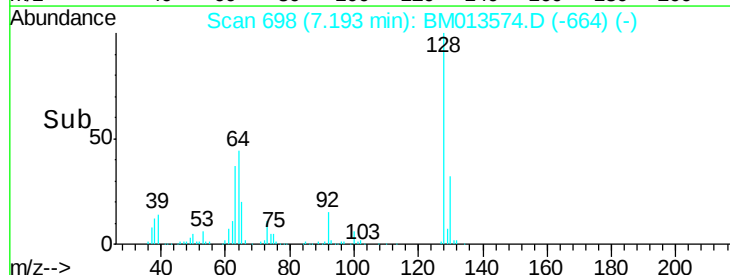
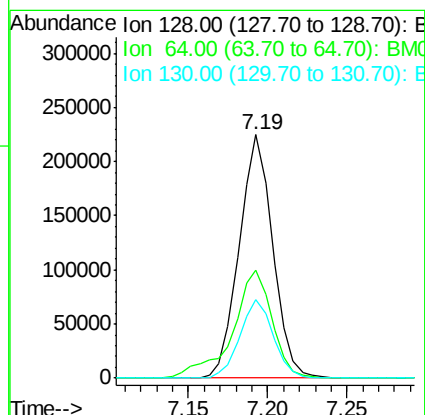
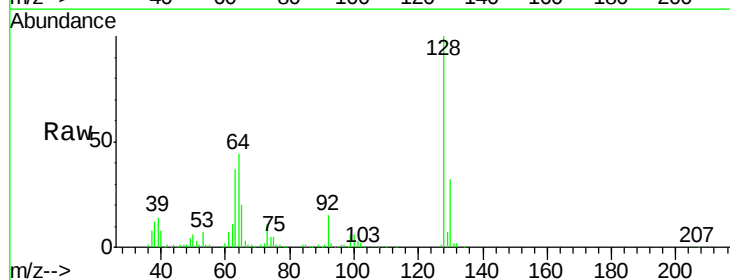
Tgt Ion: 128 Resp: 331075

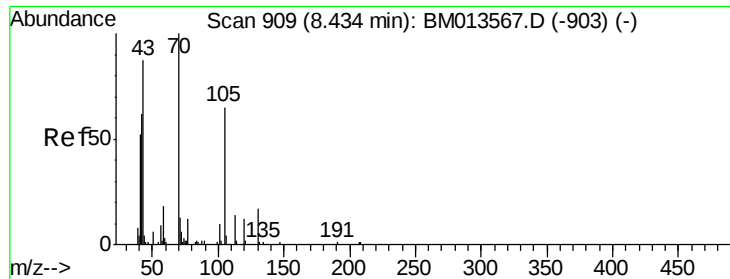
Ion Ratio Lower Upper

128 100

64 44.2 38.0 57.0

130 32.4 24.4 36.6

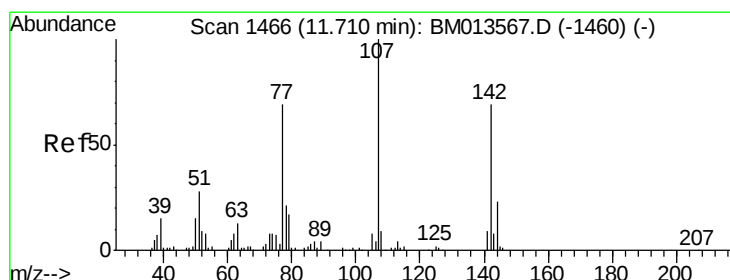
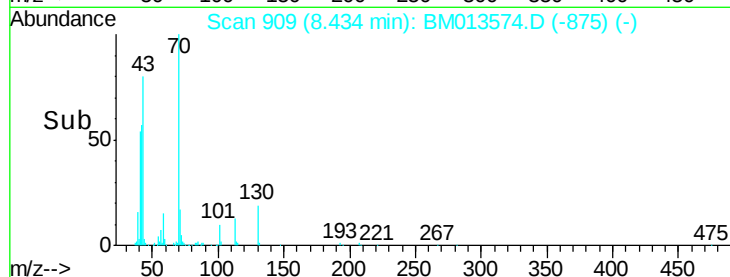
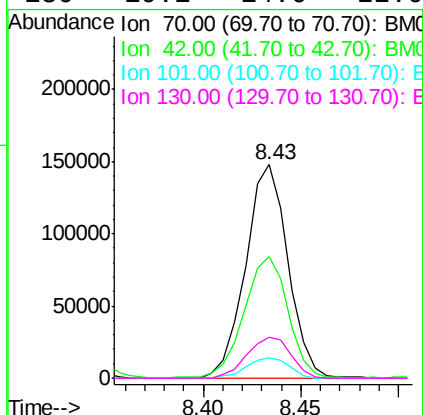
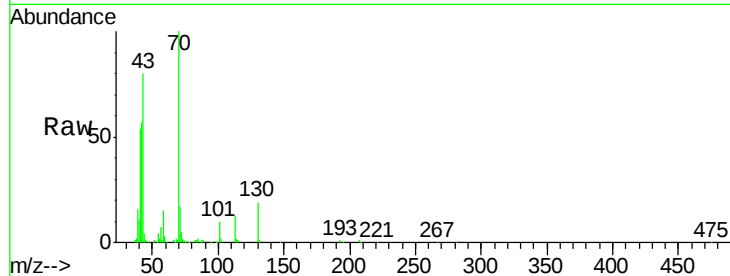




#15
N-Nitroso-di-n-propylamine
Concen: 32.608 ng/ul
RT: 8.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM013574.D
Acq: 12 Jan 2018 22:06

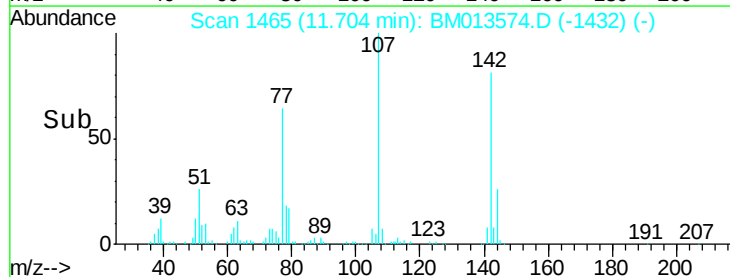
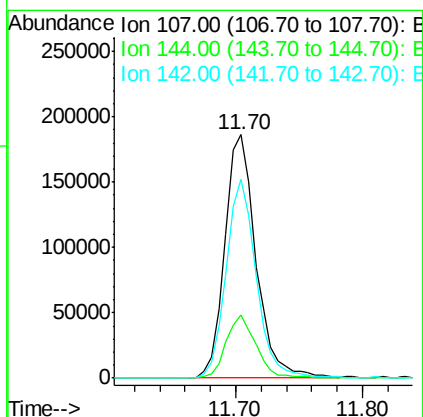
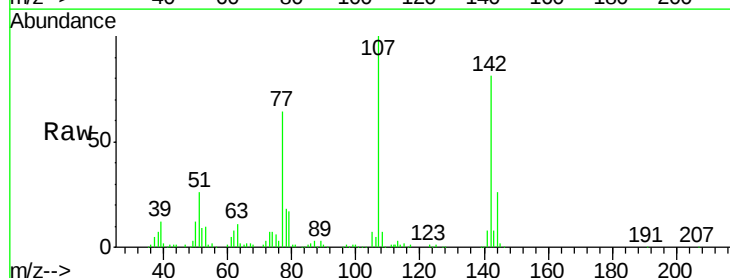
Instrument :
BNA_M
ClientSampleId :
DAJK1MSD

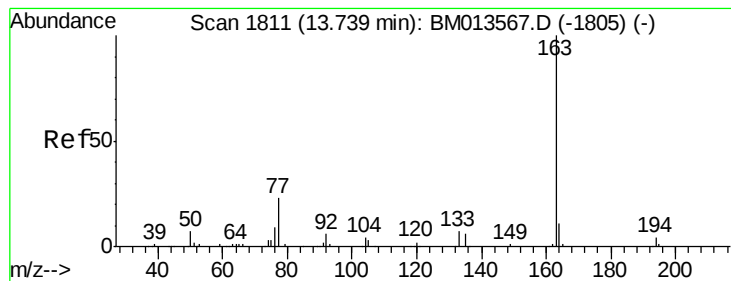
Tgt Ion: 70 Resp: 221463
Ion Ratio Lower Upper
70 100
42 56.8 76.0 114.0#
101 9.7 6.7 10.1
130 19.1 14.6 22.0



#33
4-Chloro-3-methylphenol
Concen: 38.200 ng/ul
RT: 11.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BM013574.D
Acq: 12 Jan 2018 22:06

Tgt Ion: 107 Resp: 317249
Ion Ratio Lower Upper
107 100
144 25.9 20.4 30.6
142 81.5 60.5 90.7





#44

Dimethylphthalate

Concen: 10.905 ng/ul

RT: 13.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

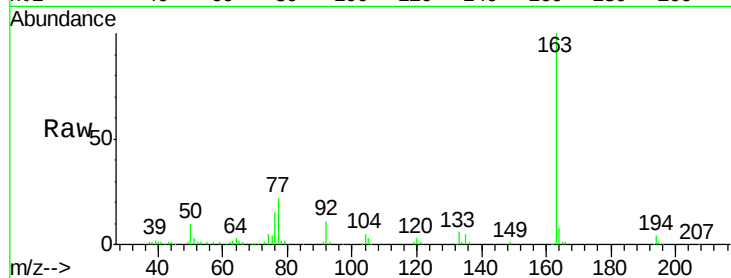
Tgt Ion:163 Resp: 258756

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

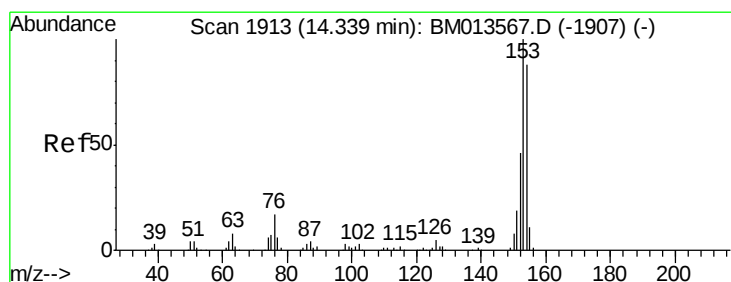
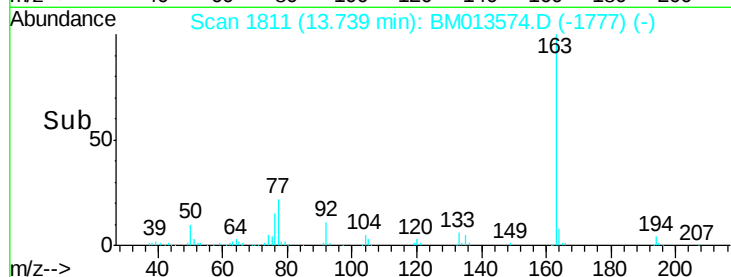
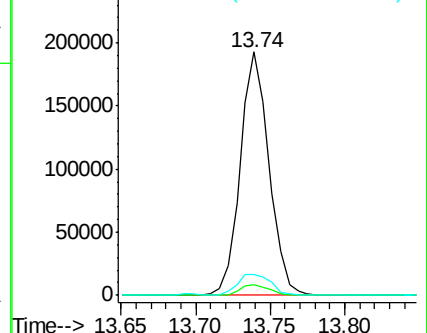
164 8.4 8.2 12.4



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: 32.732 ng/ul

RT: 14.34 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

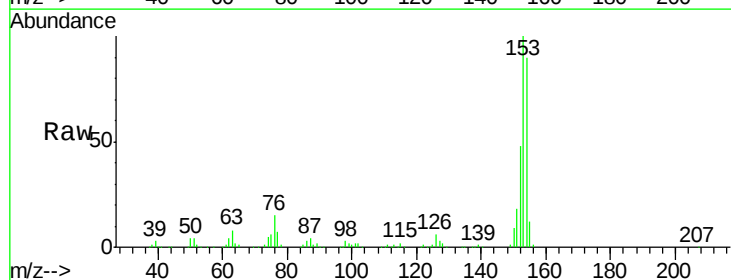
Tgt Ion:153 Resp: 638297

Ion Ratio Lower Upper

153 100

152 47.7 37.6 56.4

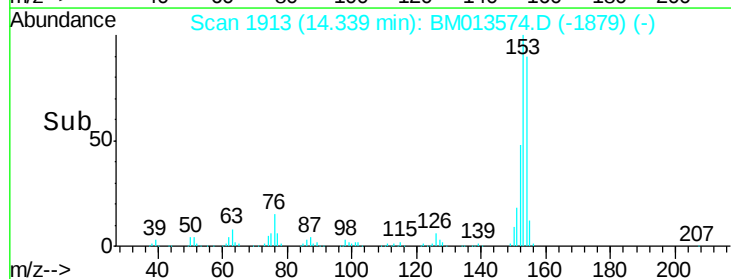
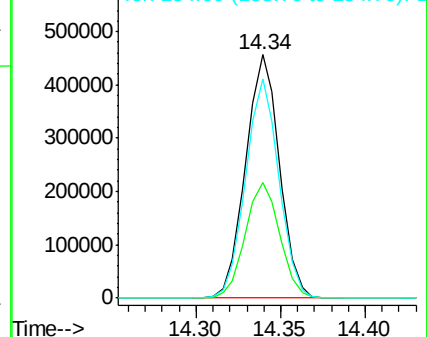
154 90.1 70.4 105.6

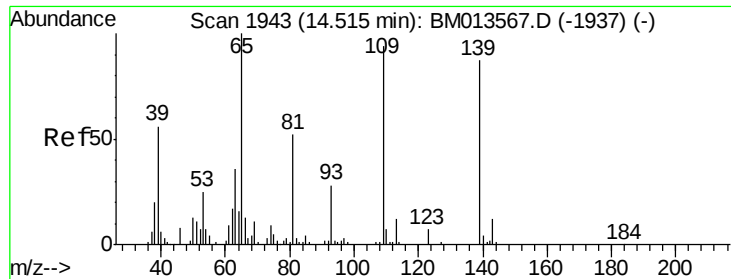


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 38.903 ng/ul

RT: 14.51 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

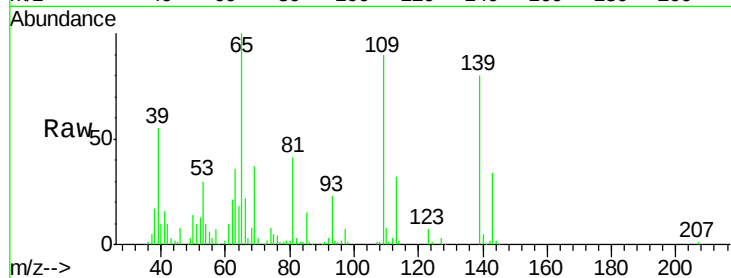
Tgt Ion:109 Resp: 154991

Ion Ratio Lower Upper

109 100

139 89.0 80.0 120.0

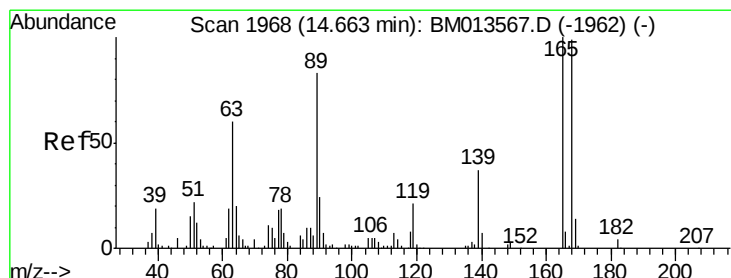
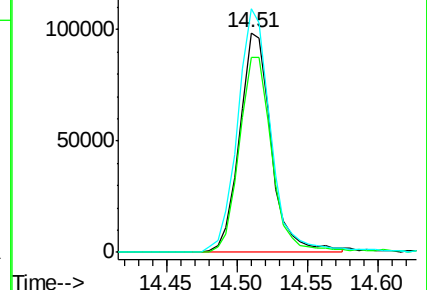
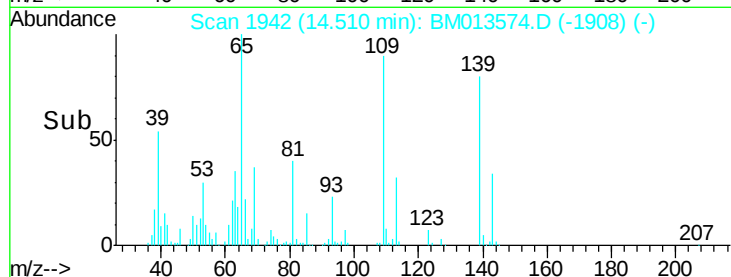
65 111.0 120.0 180.0#



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: 31.340 ng/ul

RT: 14.66 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

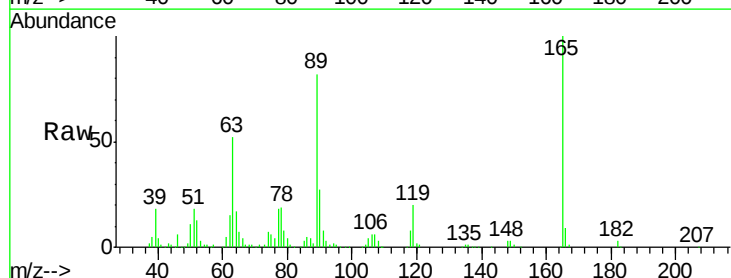
Tgt Ion:165 Resp: 210060

Ion Ratio Lower Upper

165 100

63 52.1 45.8 68.8

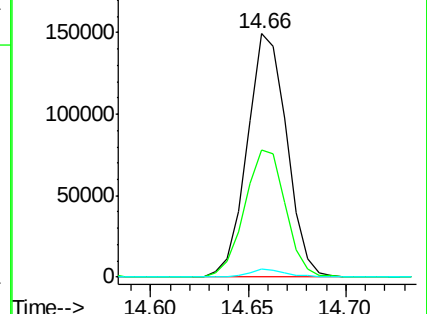
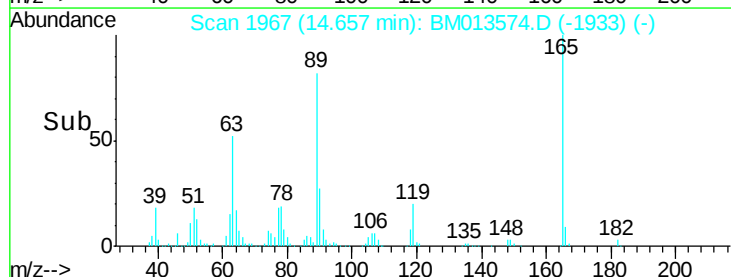
182 3.4 2.6 4.0

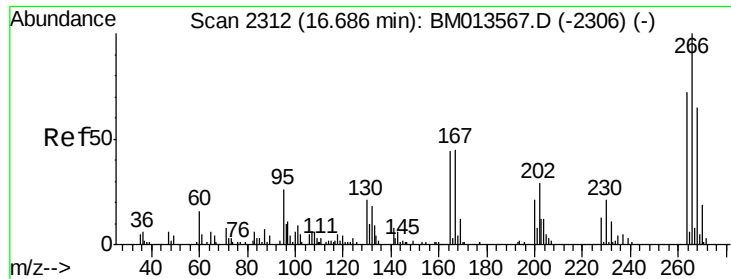


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

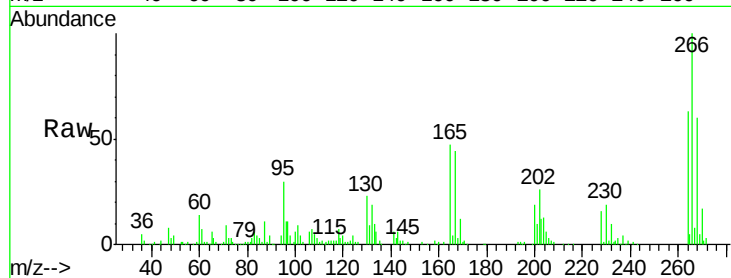




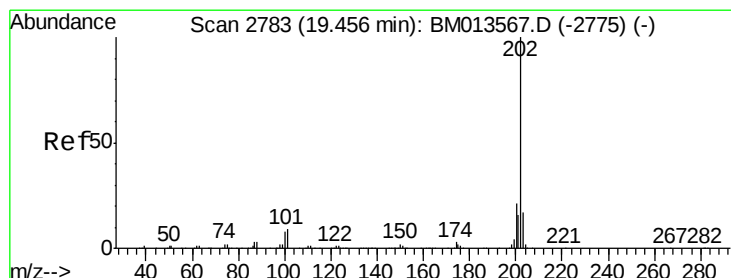
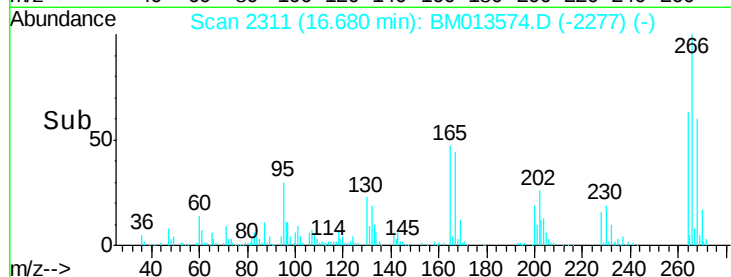
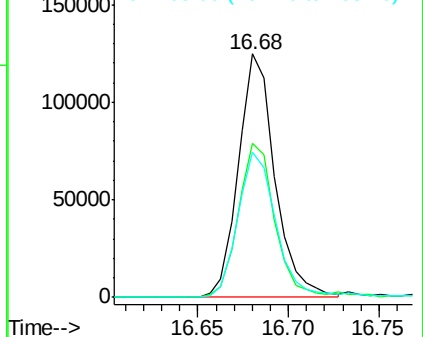
#68
 Pentachlorophenol
 Concen: 38.353 ng/ul
 RT: 16.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BM013574.D
 Acq: 12 Jan 2018 22:06

Instrument :
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 ClientSampleId :
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Tgt Ion:266 Resp: 174980
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.3 73.9
 268 59.7 52.6 78.8

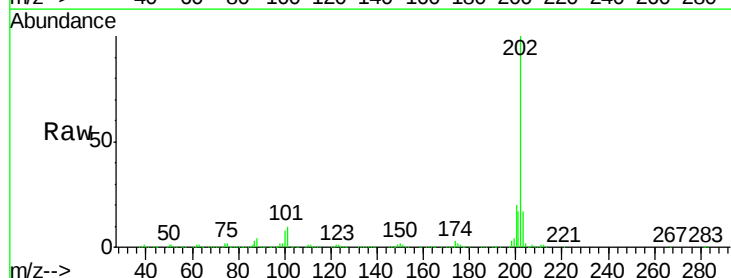


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

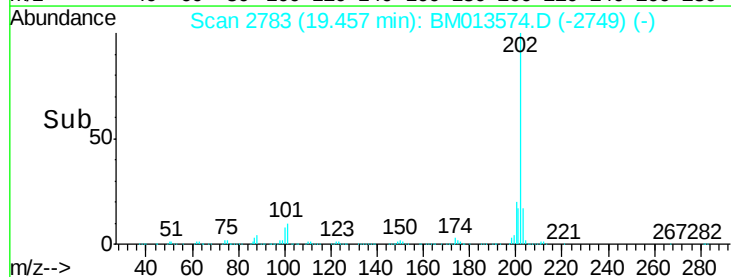
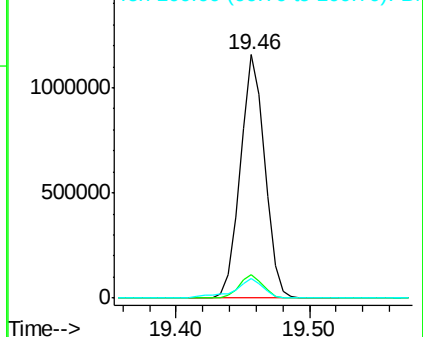


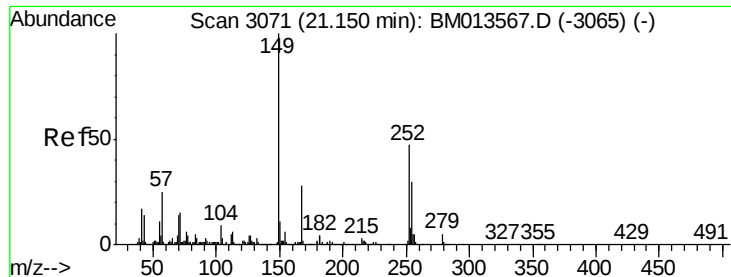
#77
 Pyrene
 Concen: 31.952 ng/ul
 RT: 19.46 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: BM013574.D
 Acq: 12 Jan 2018 22:06

Tgt Ion:202 Resp: 1461719
 Ion Ratio Lower Upper
 202 100
 101 9.6 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: 28.116 ng/ul
 RT: 21.15 min Scan# 3071
 Delta R.T. 0.00 min
 Lab File: BM013574.D
 Acq: 12 Jan 2018 22:06

Instrument :
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Tgt Ion:149 Resp: 679771
 Ion Ratio Lower Upper
 149 100
 167 29.4 22.8 34.2
 279 5.0 4.9 7.3

