

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 13:42:33 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

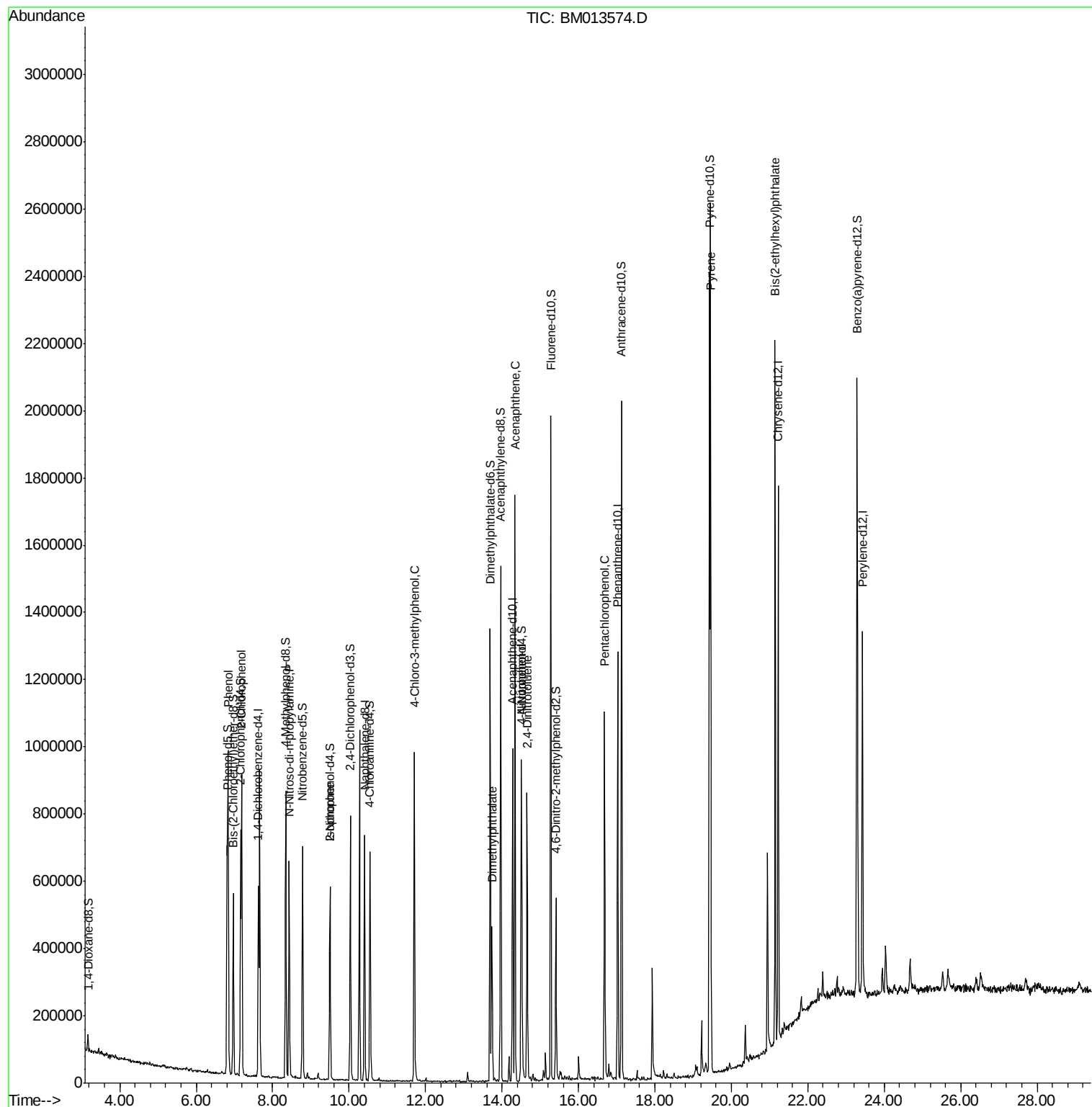
					Qvalue	
6) Phenol	6.83	94	449668	40.969	ng/ul#	87
10) 2-Chlorophenol	7.19	128	331075	37.254	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.43	70	221463	32.608	ng/ul#	69
21) Isophorone	9.50	82	17734	1.020	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.70	107	317249	38.200	ng/ul	95
44) Dimethylphthalate	13.74	163	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

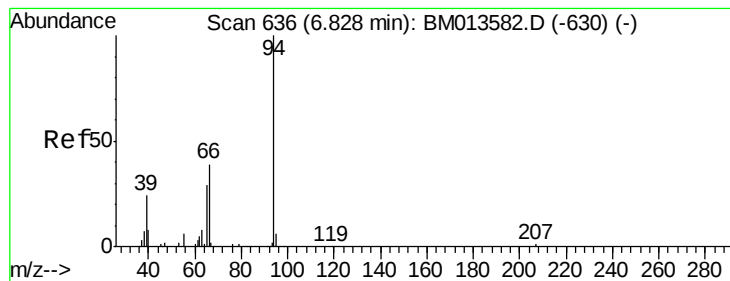
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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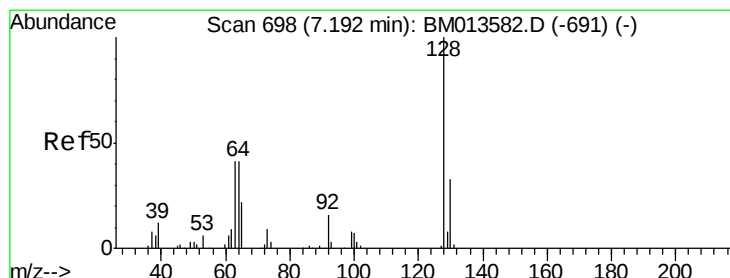
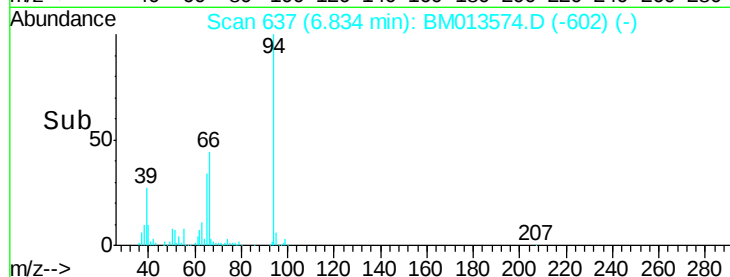
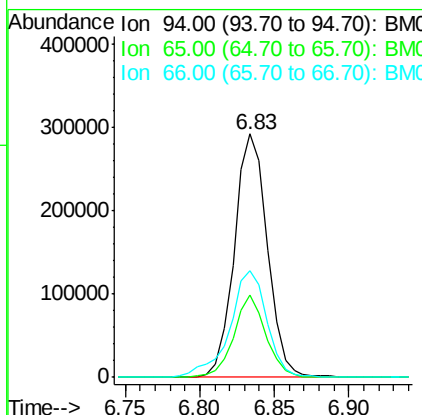
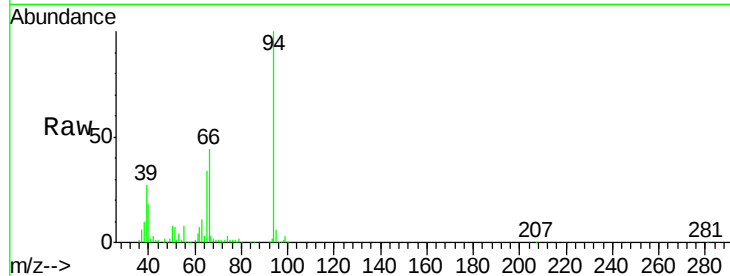
#6

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#

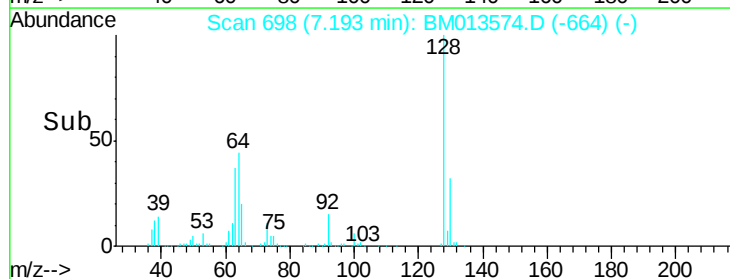
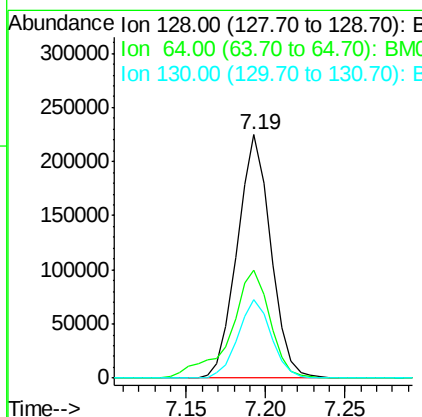
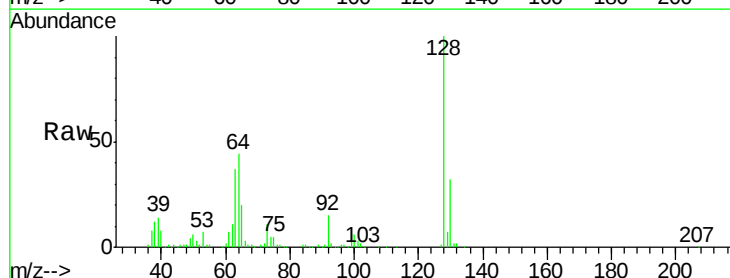


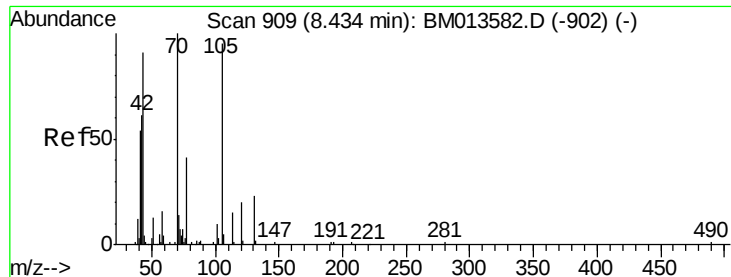
#10

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

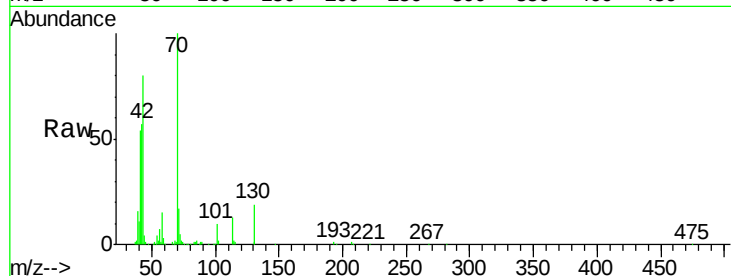
Ion Ratio Lower Upper

70 100

42 56.8 76.0 114.0#

101 9.7 6.7 10.1

130 19.1 14.6 22.0

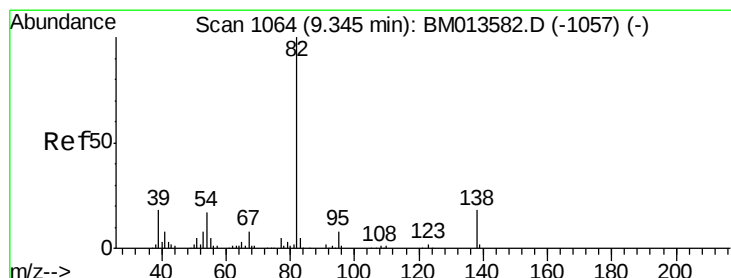
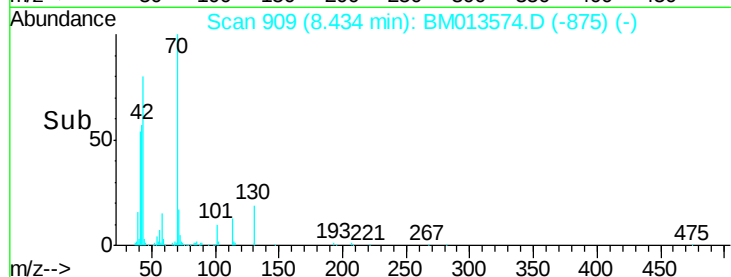
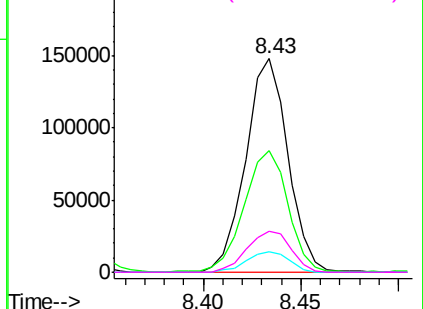


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Isophorone

Concen: 1.020 ng/ul

RT: 9.50 min Scan# 1090

Delta R.T. 0.15 min

Lab File: BM013574.D

Acq: 12 Jan 2018 22:06

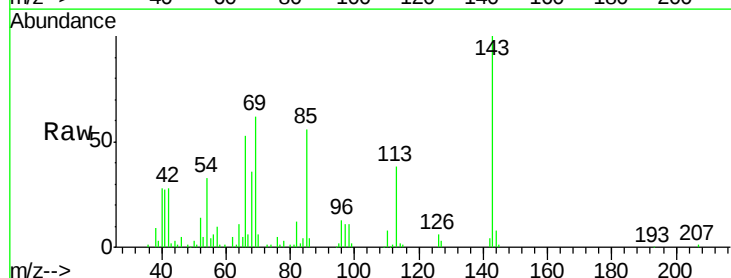
Tgt Ion: 82 Resp: 17734

Ion Ratio Lower Upper

82 100

95 13.1 7.8 11.8#

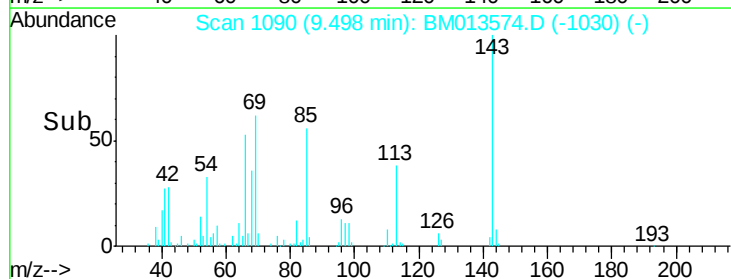
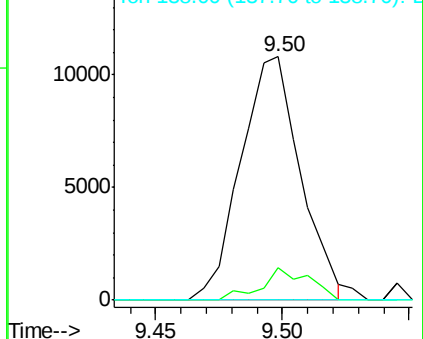
138 0.0 11.9 17.9#

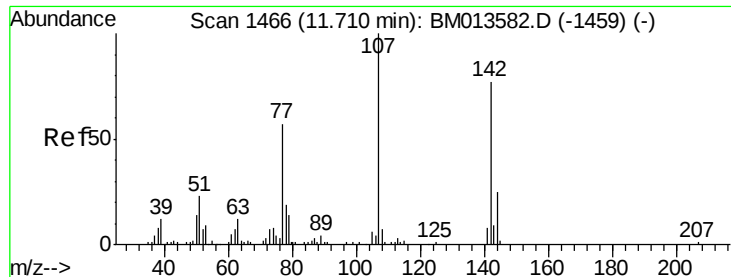


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

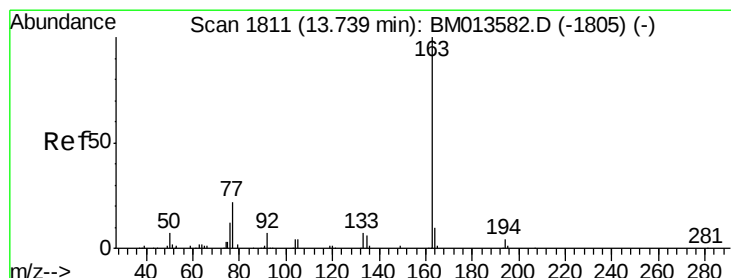
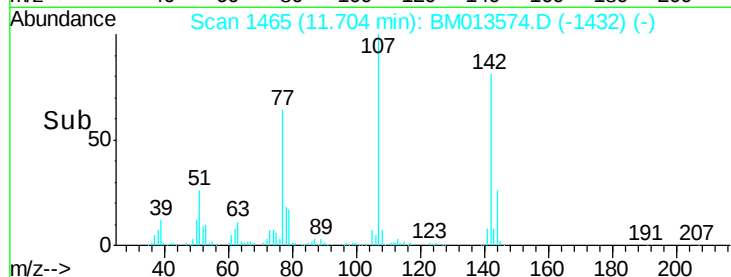
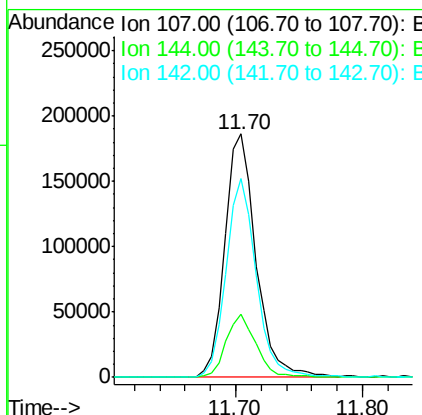
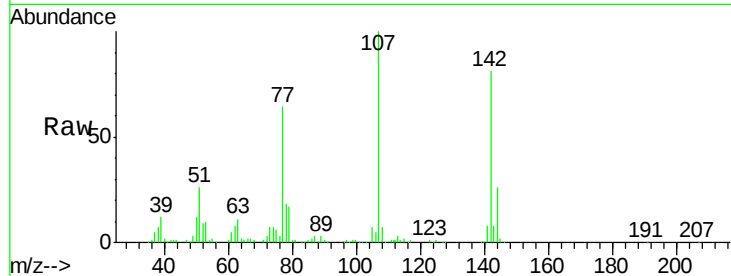




#33
 4-Chloro-3-methylphenol
 Concen: 38.200 ng/ul
 RT: 11.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BM013574.D
 Acq: 12 Jan 2018 22:06

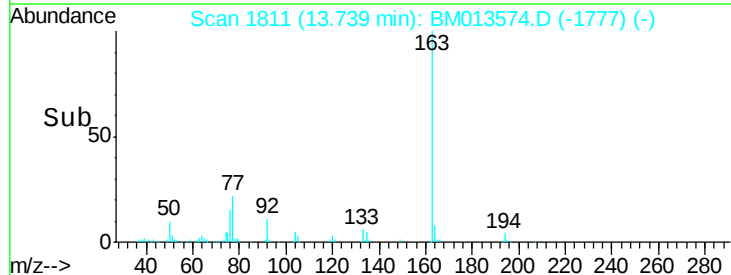
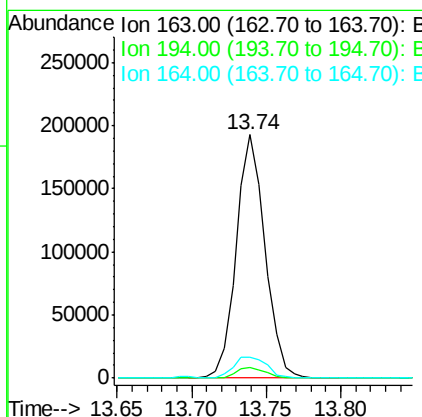
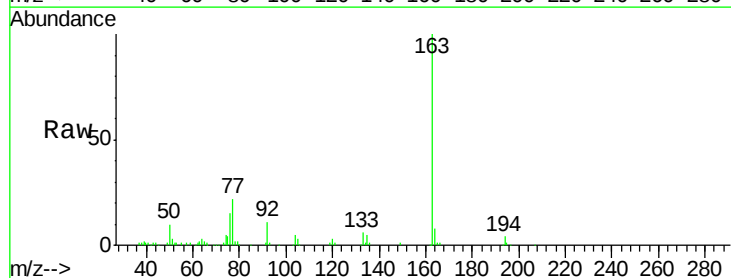
Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MSD

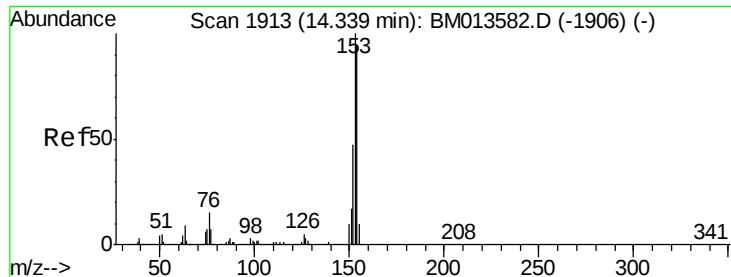
Tgt Ion	Resp	Lower	Upper
107	317249		
144	25.9	20.4	30.6
142	81.5	60.5	90.7



#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

Tgt Ion	Resp	Lower	Upper
163	258756		
194	4.4	3.5	5.3
164	8.4	8.2	12.4





#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

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

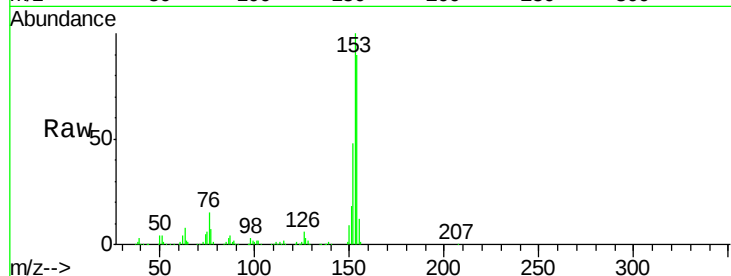
Tgt Ion:153 Resp: 638297

Ion Ratio Lower Upper

153 100

152 47.7 37.6 56.4

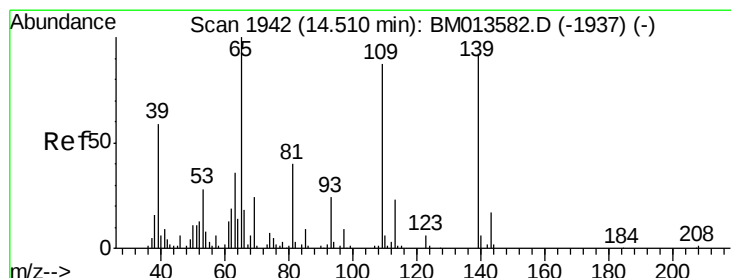
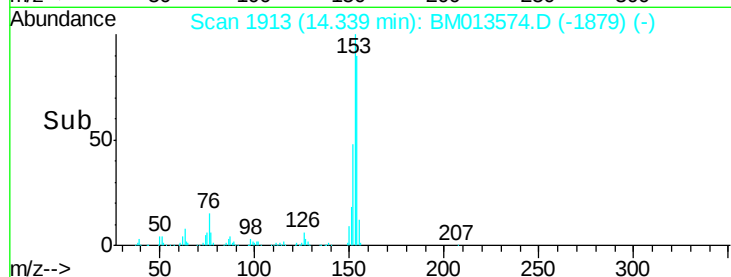
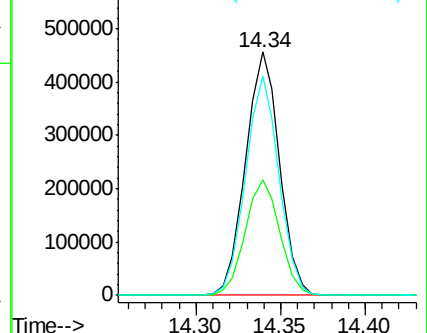
154 90.1 70.4 105.6



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

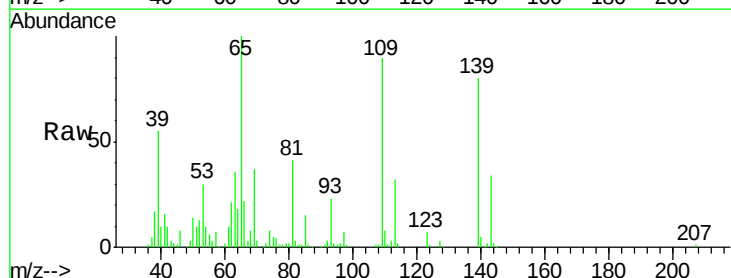
Tgt Ion:109 Resp: 154991

Ion Ratio Lower Upper

109 100

139 89.0 80.0 120.0

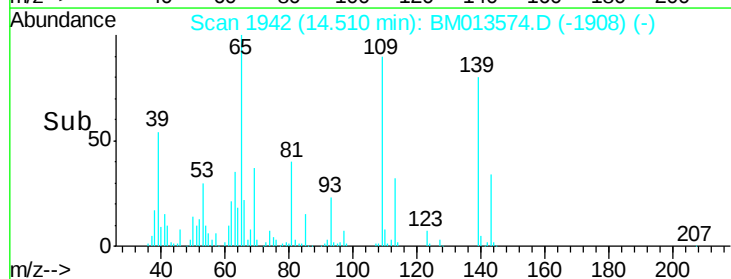
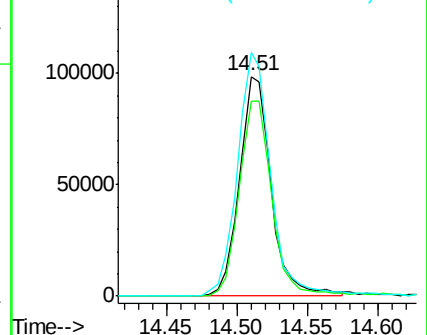
65 111.0 120.0 180.0#

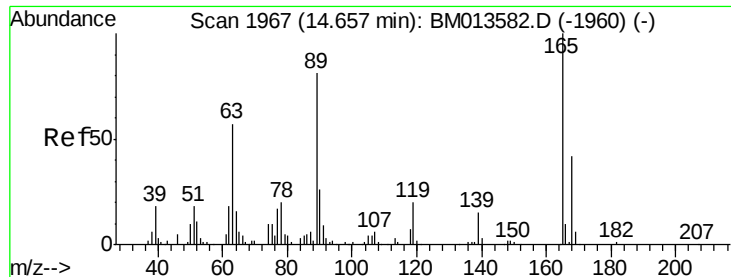


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

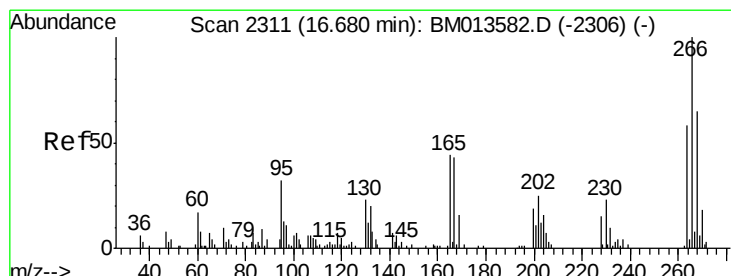
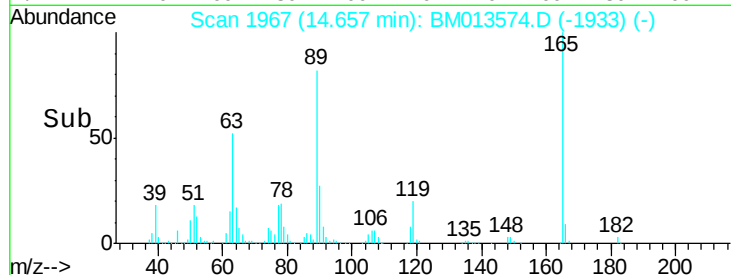
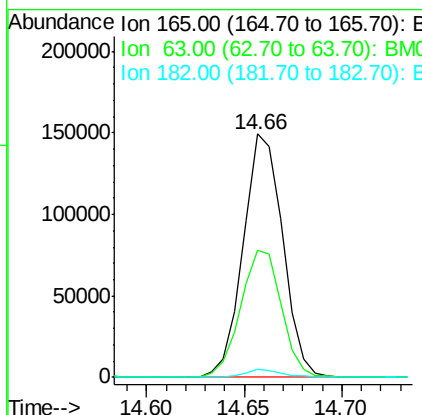
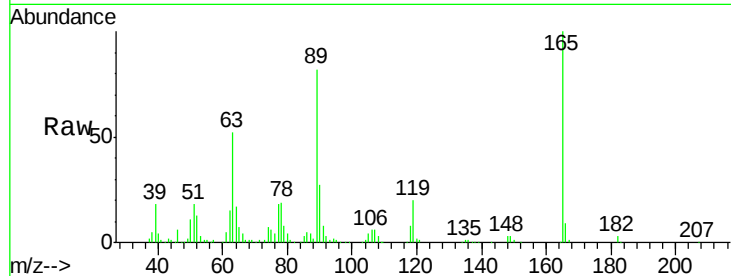




#54
 2,4-Dinitrotoluene
 Concen: 31.340 ng/ul
 RT: 14.66 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BM013574.D
 Acq: 12 Jan 2018 22:06

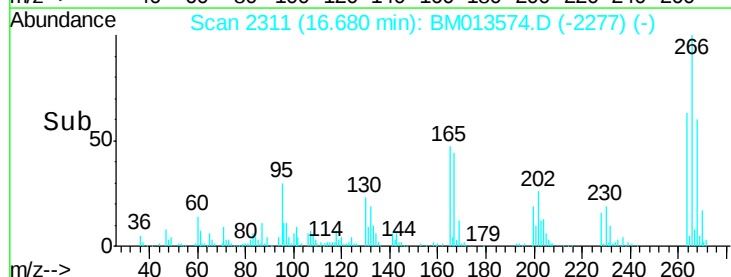
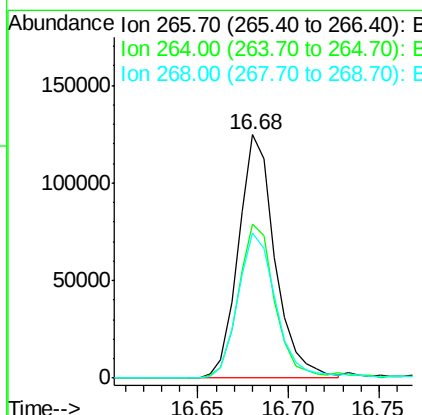
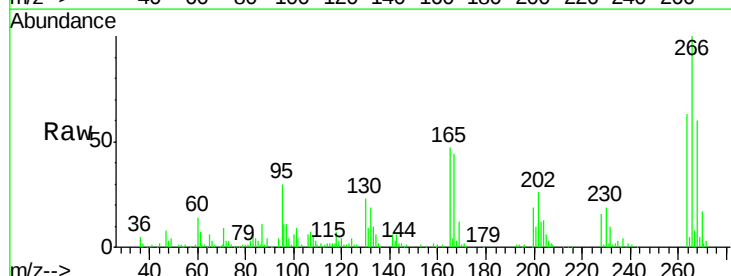
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 DAJK1MSD

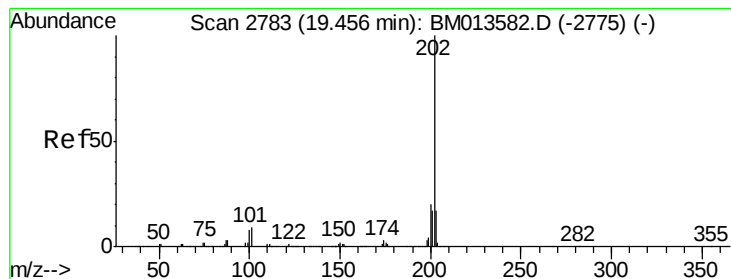
Tgt Ion:165 Resp: 210060
 Ion Ratio Lower Upper
 165 100
 63 52.1 45.8 68.8
 182 3.4 2.6 4.0



#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

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





#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

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

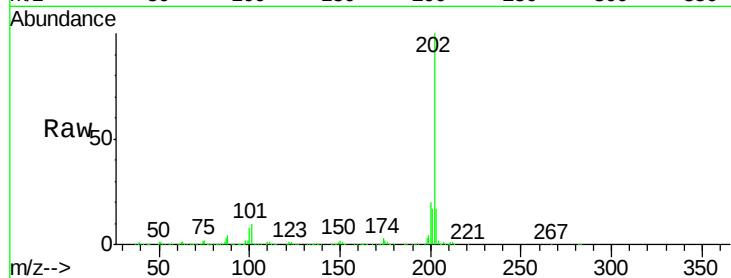
Tgt Ion:202 Resp: 1461719

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

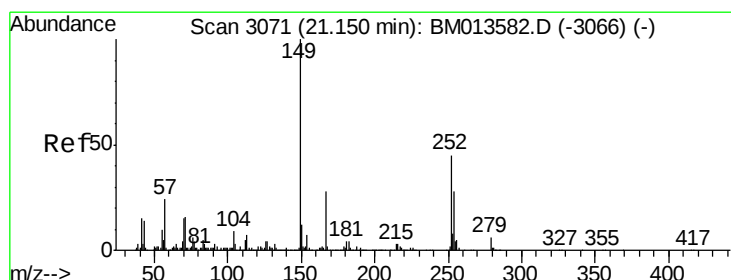
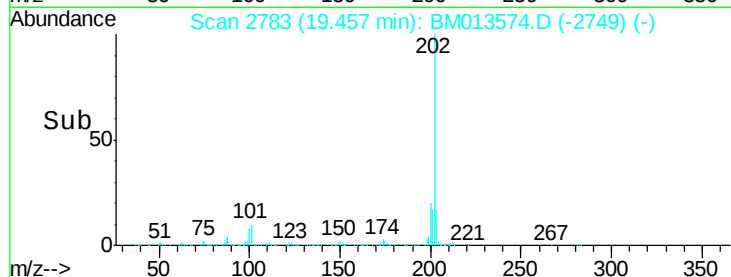
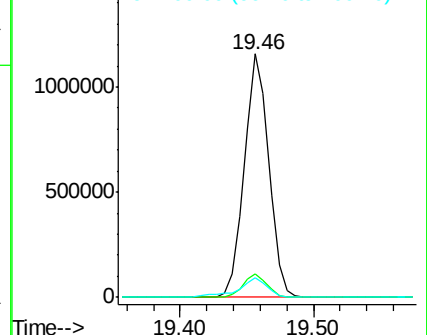
100 8.0 4.9 7.3#



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

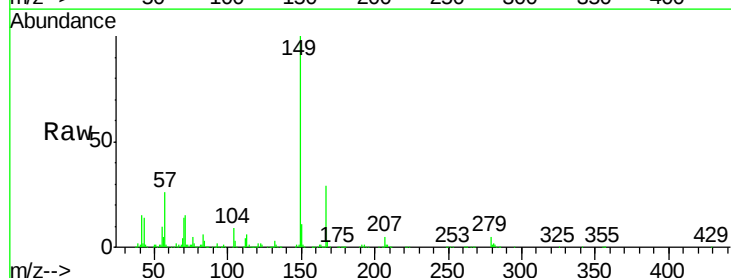
Tgt Ion:149 Resp: 679771

Ion Ratio Lower Upper

149 100

167 29.4 22.8 34.2

279 5.0 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

