

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011518\
 Data File : BM013590.D
 Acq On : 15 Jan 2018 18:08
 Operator : SJ/JU
 Sample : J1079-11MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJKIMS

Quant Time: Jan 16 03:09:42 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:03:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	147388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	591796	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	327113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	711608	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	748762	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	718552	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	17840	4.78	ng/uL	0.00
5) Phenol-d5	6.80	99	350167	30.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	211992	30.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	280668	30.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	286954	32.99	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	140058	30.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	143198	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	274740	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	347313	42.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	824875	30.60	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1071241	31.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	114856	26.21	ng/ul	0.00
57) Fluorene-d10	15.27	176	696561	29.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	101759	23.76	ng/ul	0.00
70) Anthracene-d10	17.12	188	1026513	29.62	ng/ul	0.00
76) Pyrene-d10	19.42	212	1132468	32.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1070748	32.42	ng/ul	0.00

Target Compounds

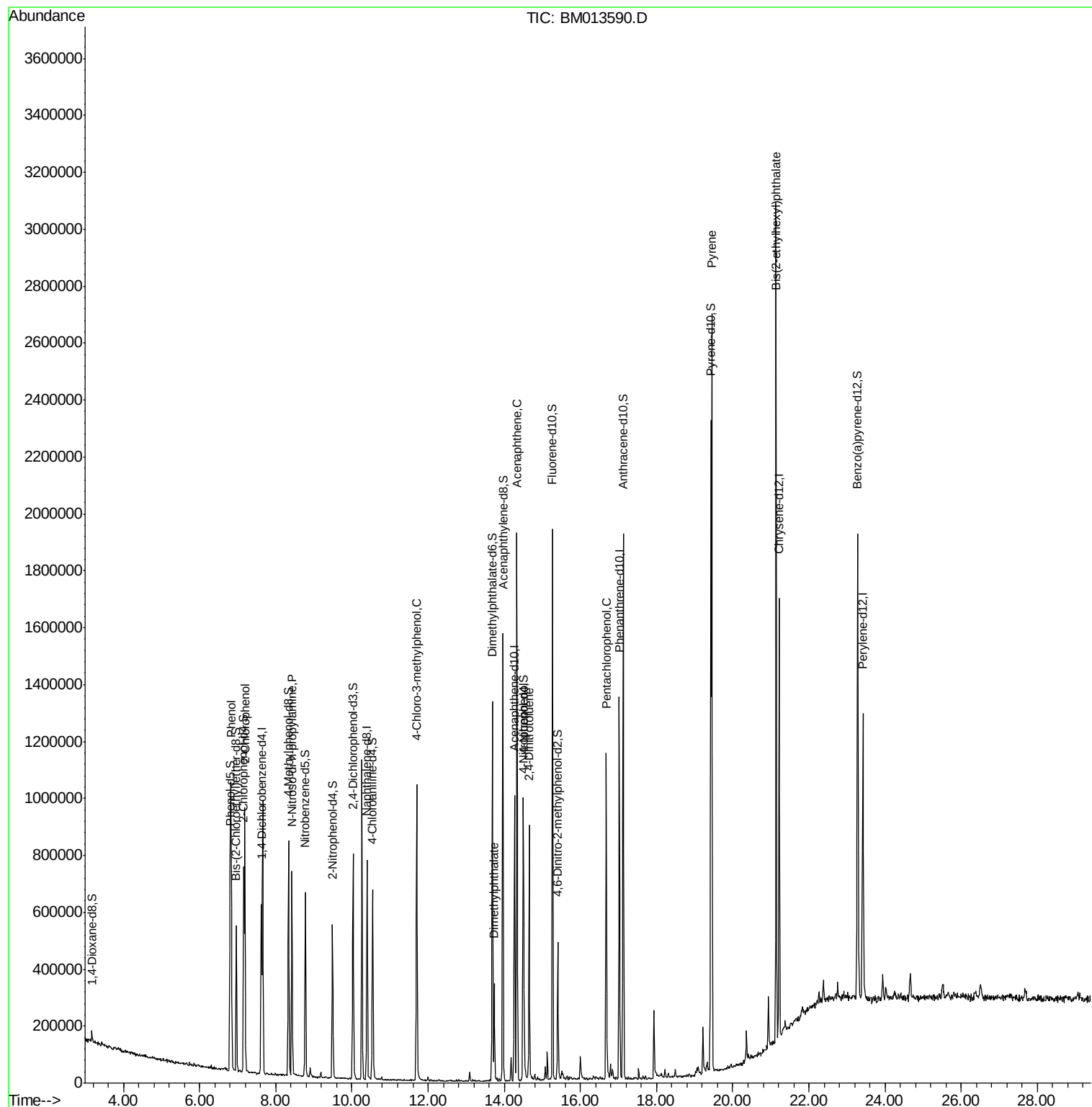
					Ovalue	
6) Phenol	6.83	94	498310	43.909	ng/ul#	84
10) 2-Chlorophenol	7.19	128	365083	39.731	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	244704	34.846	ng/ul#	71
33) 4-Chloro-3-methylphenol	11.70	107	360121	39.324	ng/ul	98
44) Dimethylphthalate	13.73	163	201081	7.586	ng/ul	97
49) Acenaphthene	14.33	153	717742	32.946	ng/ul	99
52) 4-Nitrophenol	14.51	109	150558	33.827	ng/ul#	81
54) 2,4-Dinitrotoluene	14.66	165	243097	32.465	ng/ul	86
68) Pentachlorophenol	16.67	266	196628	40.900	ng/ul	99
77) Pyrene	19.45	202	1520788	33.410	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.14	149	990029	41.153	ng/ul#	98

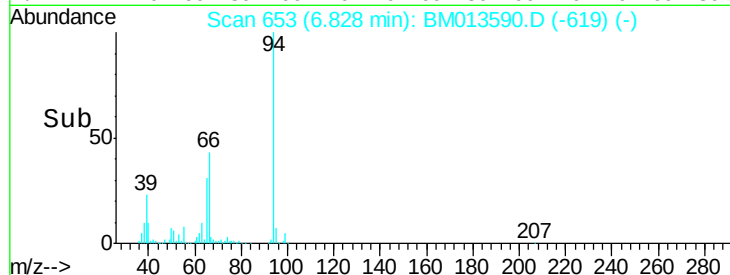
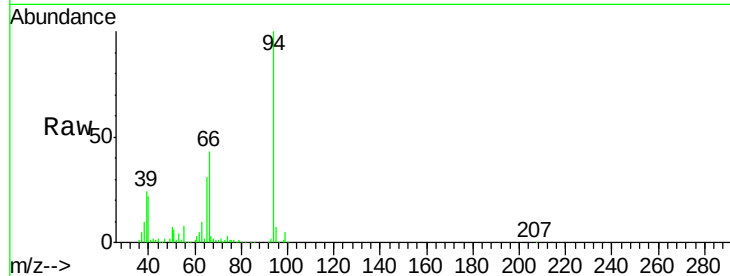
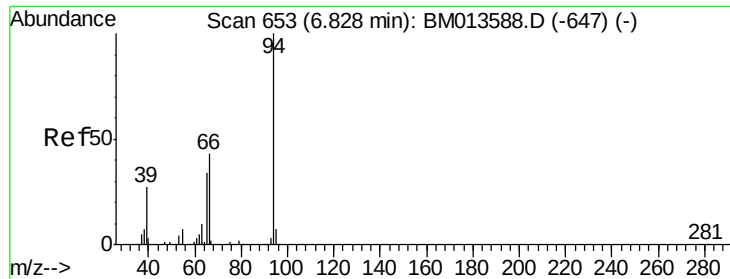
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 43.909 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM013590.D

Acq: 15 Jan 2018 18:08

Instrument :

BNA_M

ClientSampleId :

DAJK1MS

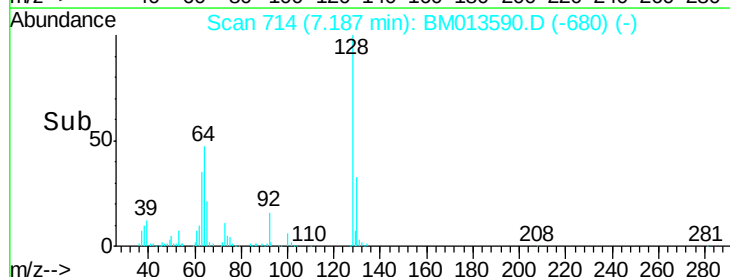
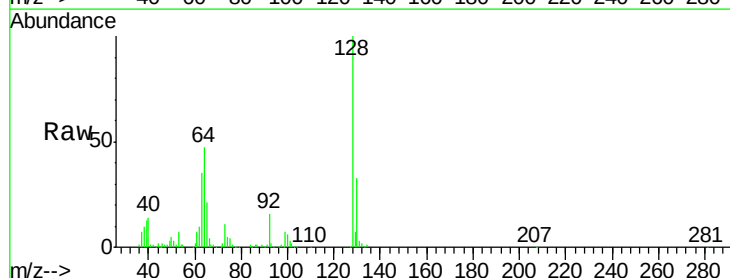
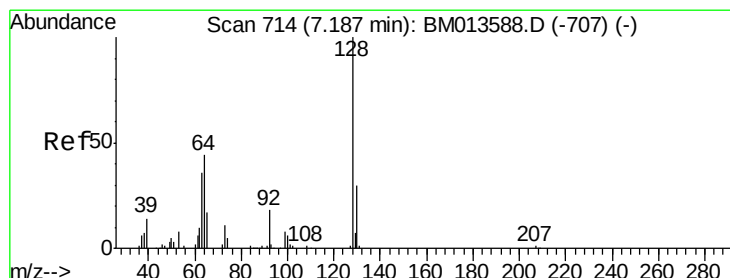
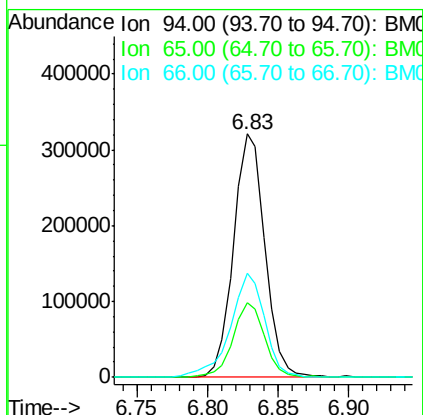
Tot Ion: 94 Resp: 498310

Ion Ratio Lower Upper

94 100

65 30.9 28.2 42.4

66 43.0 47.2 70.8#



#10

2-Chlorophenol

Concen: 39.731 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM013590.D

Acq: 15 Jan 2018 18:08

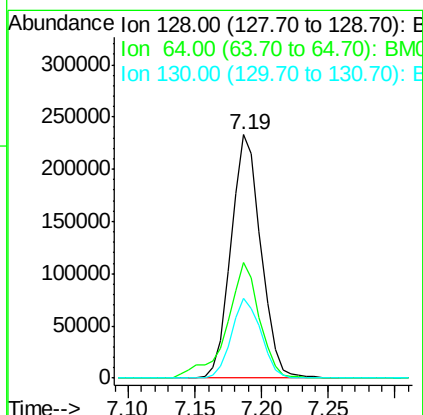
Tgt Ion:128 Resp: 365083

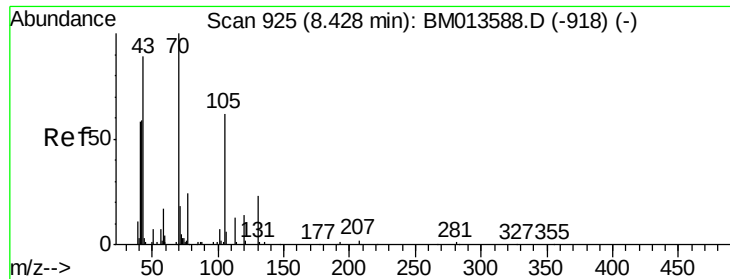
Ion Ratio Lower Upper

128 100

64 47.3 38.0 57.0

130 32.8 24.4 36.6

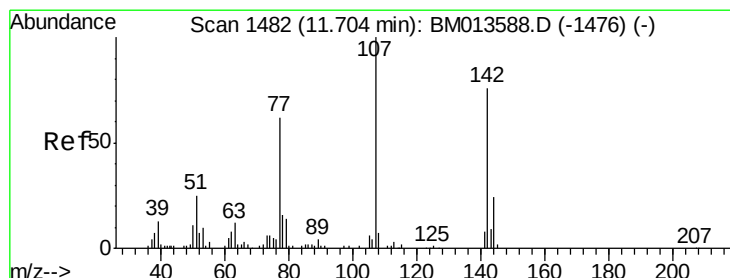
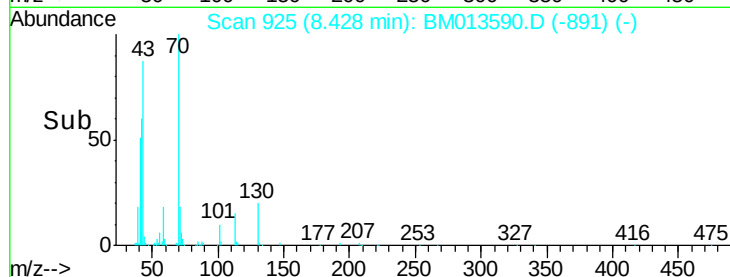
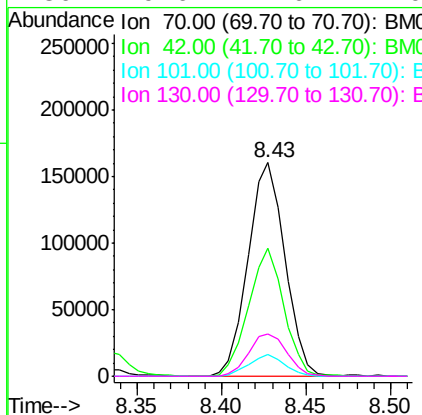
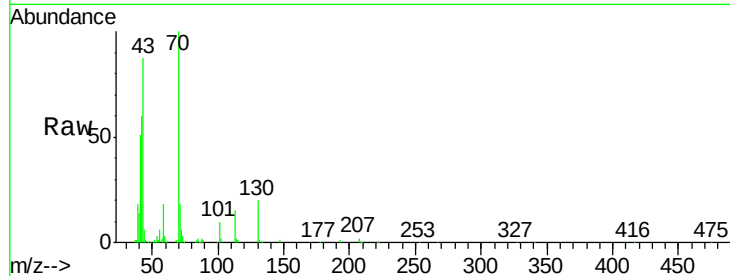




#15
N-Nitroso-di-n-propylamine
Concen: 34.846 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM013590.D
Acq: 15 Jan 2018 18:08

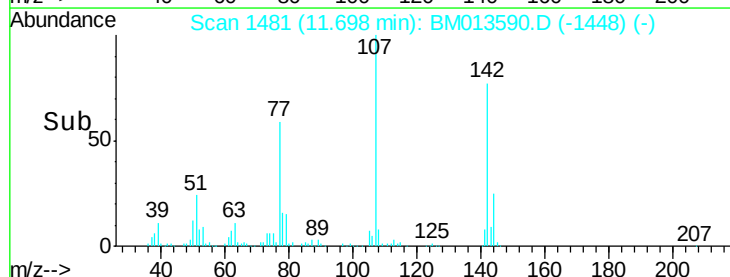
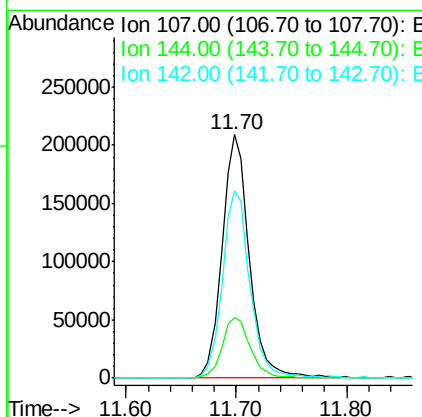
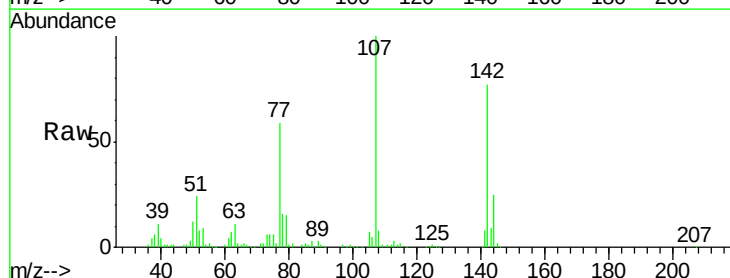
Instrument :
BNA_M
ClientSampleId :
DAJK1MS

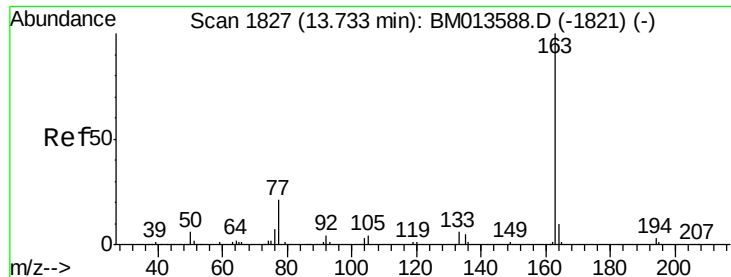
Tot Ion: 70 Resp: 244704
Ion Ratio Lower Upper
70 100
42 60.0 76.0 114.0#
101 10.0 6.7 10.1
130 19.6 14.6 22.0



#33
4-Chloro-3-methylphenol
Concen: 39.324 ng/ul
RT: 11.70 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM013590.D
Acq: 15 Jan 2018 18:08

Tgt Ion: 107 Resp: 360121
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 77.1 60.5 90.7





#44

Dimethylphthalate

Concen: 7.586 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM013590.D

Acq: 15 Jan 2018 18:08

Instrument :

BNA_M

ClientSampleId :

DAJKIMS

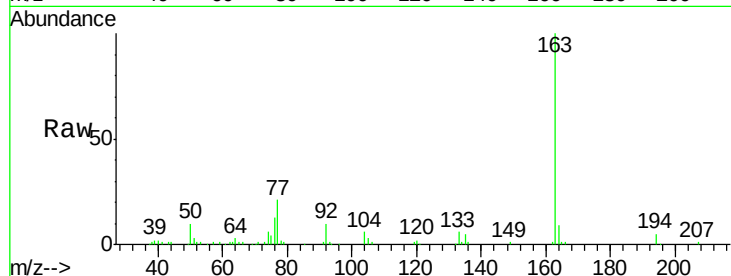
Tot Ion:163 Resp: 201081

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

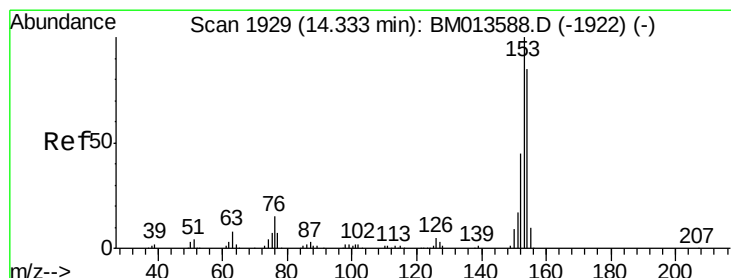
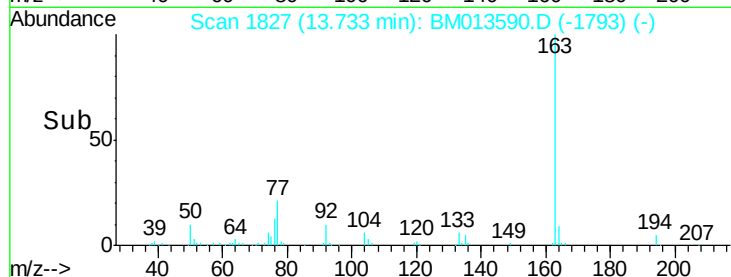
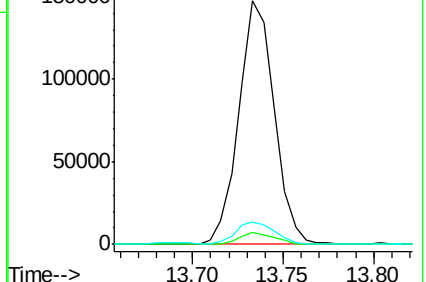
164 8.9 8.2 12.4



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: 32.946 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM013590.D

Acq: 15 Jan 2018 18:08

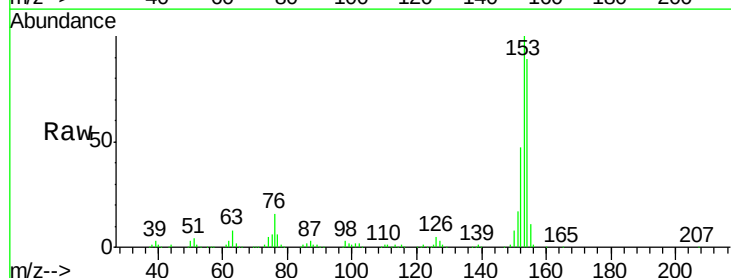
Tgt Ion:153 Resp: 717742

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

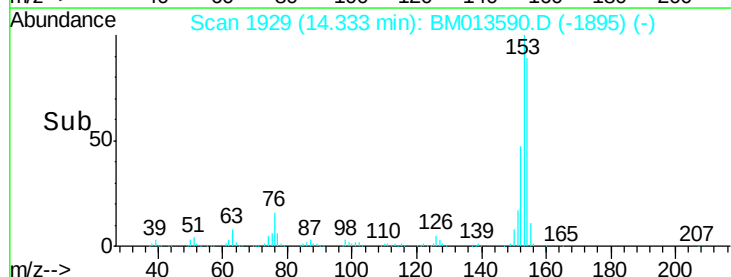
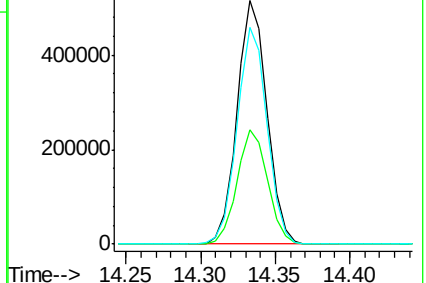
154 88.9 70.4 105.6

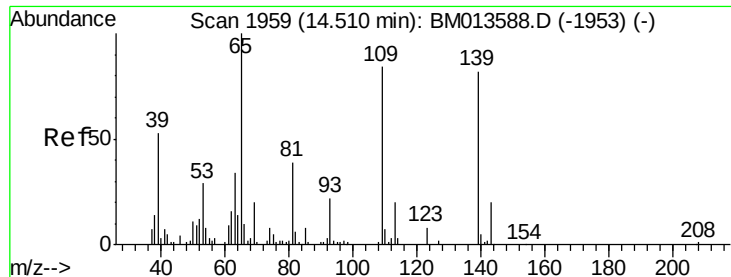


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 33.827 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BM013590.D

Acq: 15 Jan 2018 18:08

Instrument :

BNA_M

ClientSampled :

DAJK1MS

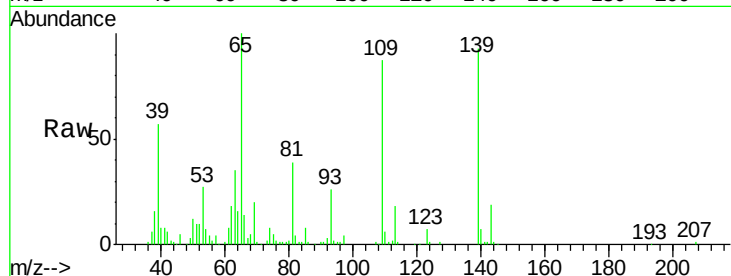
Tot Ion:109 Resp: 150558

Ion Ratio Lower Upper

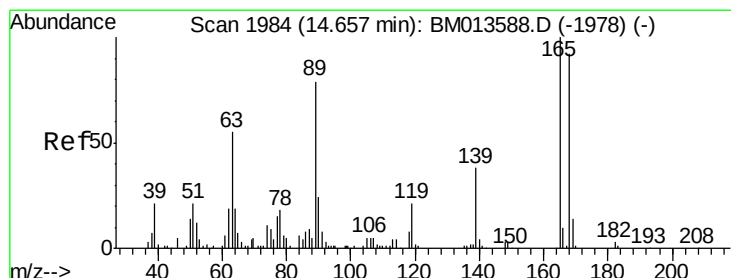
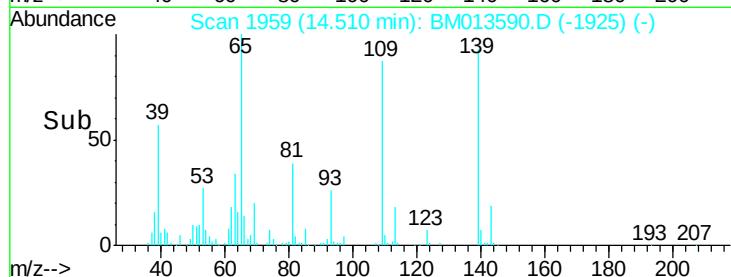
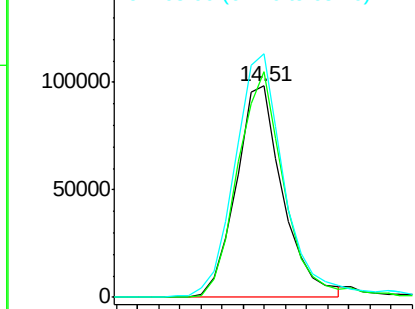
109 100

139 106.8 80.0 120.0

65 115.3 120.0 180.0#



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: 32.465 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BM013590.D

Acq: 15 Jan 2018 18:08

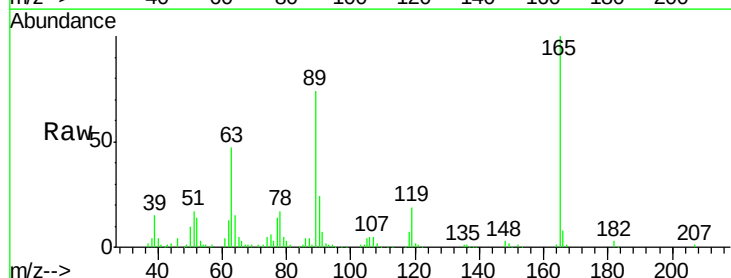
Tgt Ion:165 Resp: 243097

Ion Ratio Lower Upper

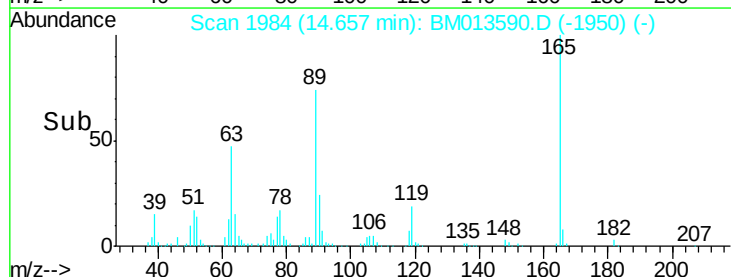
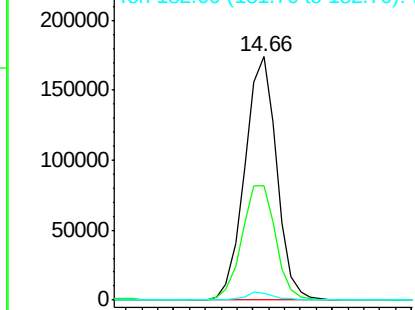
165 100

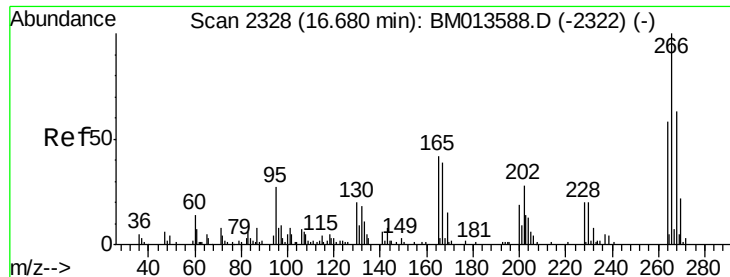
63 46.8 45.8 68.8

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

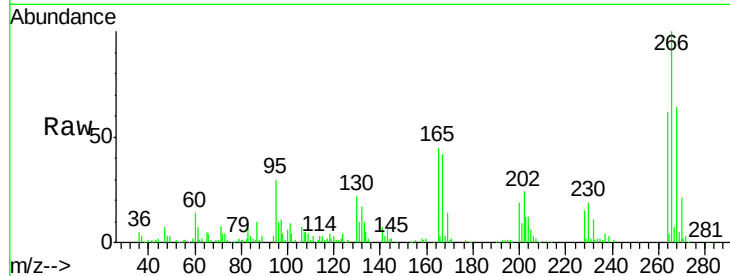




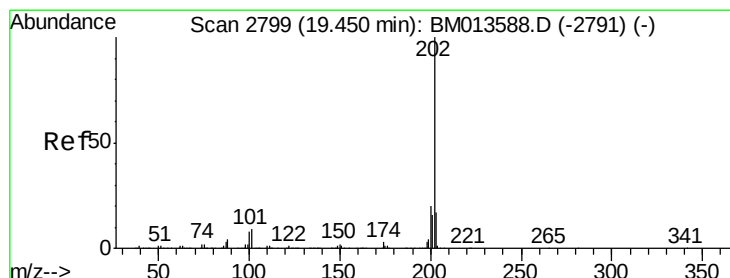
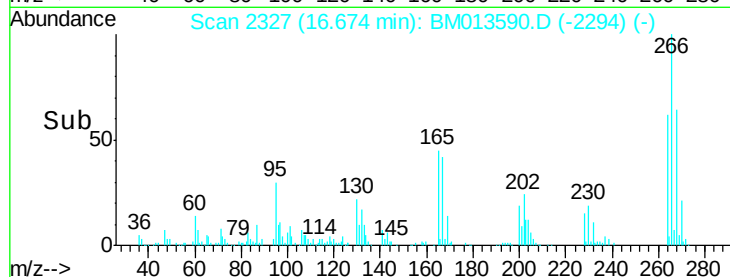
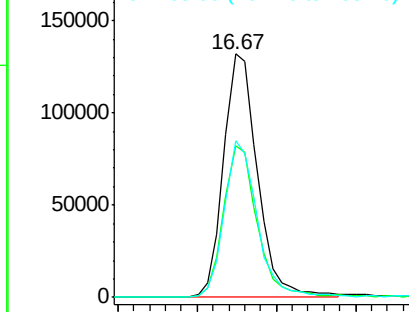
#68
 Pentachlorophenol
 Concen: 40.900 ng/ul
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM013590.D
 Acq: 15 Jan 2018 18:08

Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MS

Tot Ion:266 Resp: 196628
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.3 73.9
 268 64.3 52.6 78.8

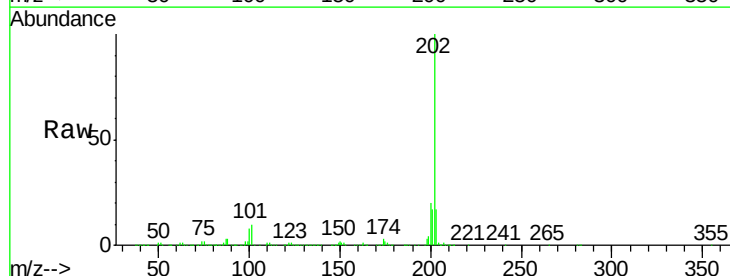


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

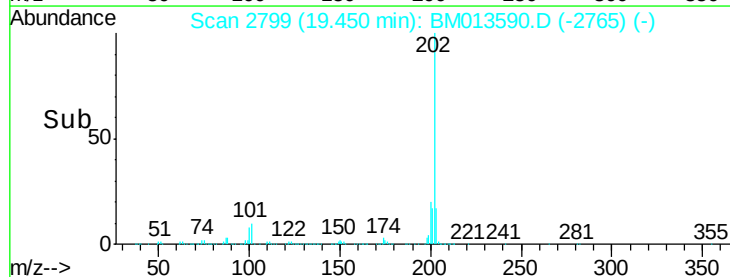
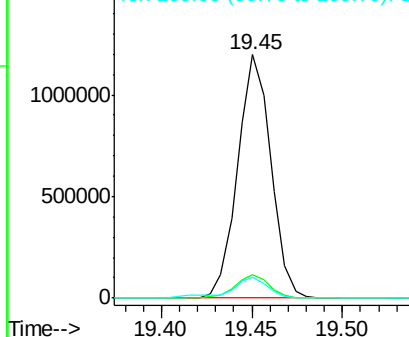


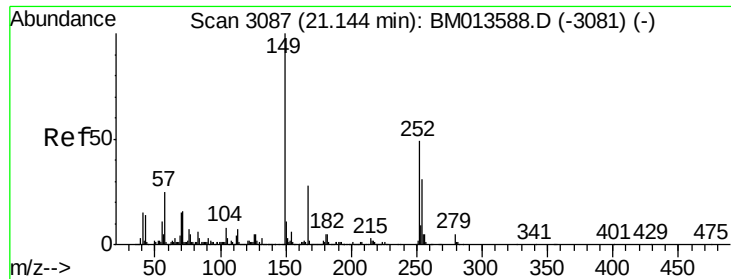
#77
 Pyrene
 Concen: 33.410 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM013590.D
 Acq: 15 Jan 2018 18:08

Tgt Ion:202 Resp: 1520788
 Ion Ratio Lower Upper
 202 100
 101 9.7 5.1 7.7#
 100 8.4 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: 41.153 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM013590.D
 Acq: 15 Jan 2018 18:08

Instrument :
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 DAJK1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.6	4.9	7.3

