

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012802.D
 Acq On : 07 Nov 2017 19:08
 Operator : SJ/JU
 Sample : I6164-12MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOE1MS

Quant Time: Nov 08 01:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	107595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	467211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	296274	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	659659	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	549664	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	542854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6748	3.39	ng/uL	0.00
5) Phenol-d5	6.97	99	155071	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	87753	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	132436	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	112900	16.34	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	67200	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	78921	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	147975	18.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	112476	14.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	489635	19.97	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	589444	19.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	56131	14.29	ng/ul	0.00
57) Fluorene-d10	15.43	176	420156	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	55420	12.73	ng/ul	0.00
70) Anthracene-d10	17.28	188	615256	19.30	ng/ul	0.00
78) Pyrene-d10	19.57	212	614467	24.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	526577	20.52	ng/ul	0.00

Target Compounds

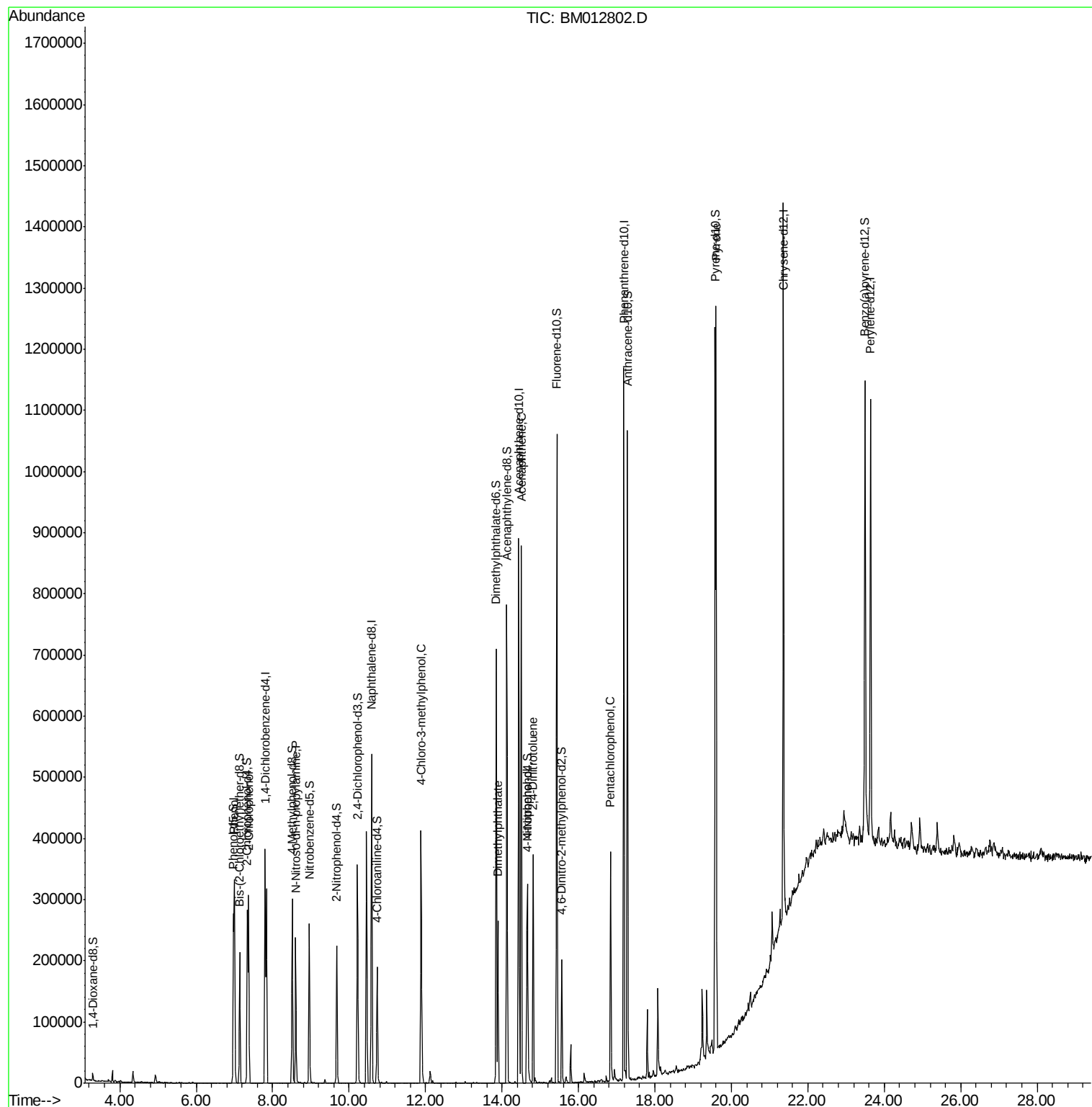
					Ovalue
6) Phenol	7.00	94	189657	23.078	ng/ul 97
10) 2-Chlorophenol	7.37	128	141166	20.548	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	93847	18.774	ng/ul 98
33) 4-Chloro-3-methylphenol	11.88	107	156898	20.447	ng/ul 96
44) Dimethylphthalate	13.89	163	180002	7.399	ng/ul# 97
49) Acenaphthene	14.50	153	353725	17.665	ng/ul 98
52) 4-Nitrophenol	14.67	109	49562	14.298	ng/ul 97
54) 2,4-Dinitrotoluene	14.82	165	120895	16.880	ng/ul 94
68) Pentachlorophenol	16.84	266	77666	14.047	ng/ul 97
79) Pyrene	19.60	202	714734	21.794	ng/ul# 93

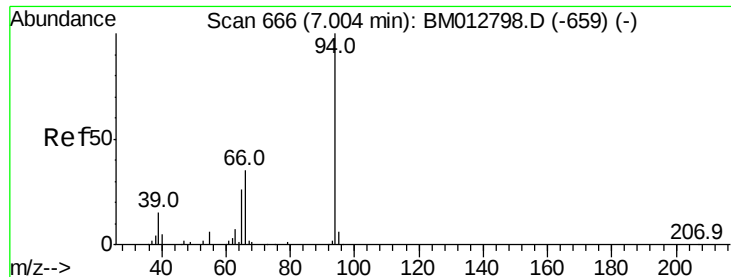
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 23.078 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

Instrument :

BNA_M

ClientSampleId :

ETOE1MS

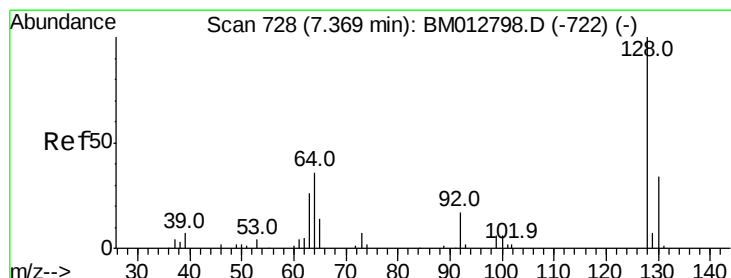
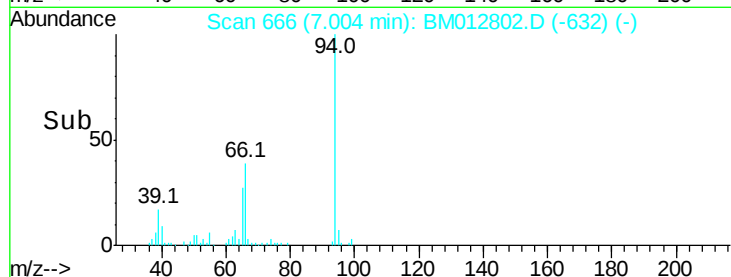
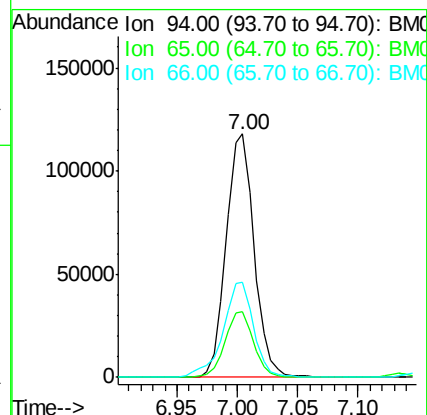
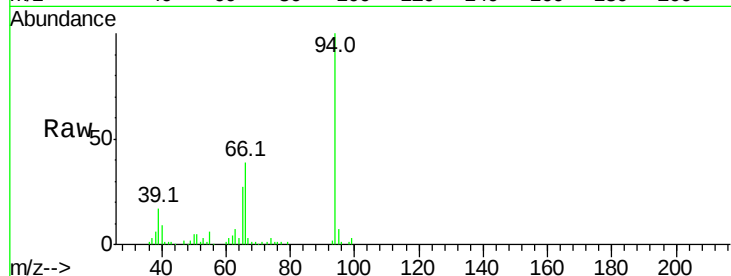
Tot Ion: 94 Resp: 189657

Ion Ratio Lower Upper

94 100

65 26.9 21.0 31.6

66 39.3 29.3 43.9



#10

2-Chlorophenol

Concen: 20.548 ng/ul

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

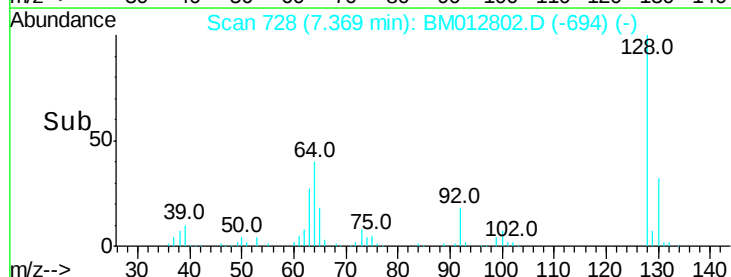
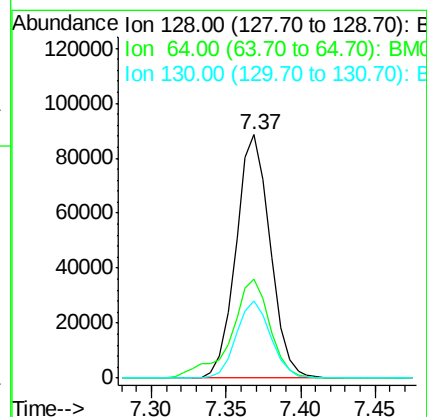
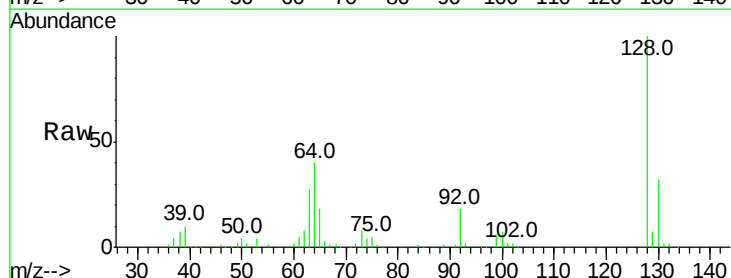
Tgt Ion: 128 Resp: 141166

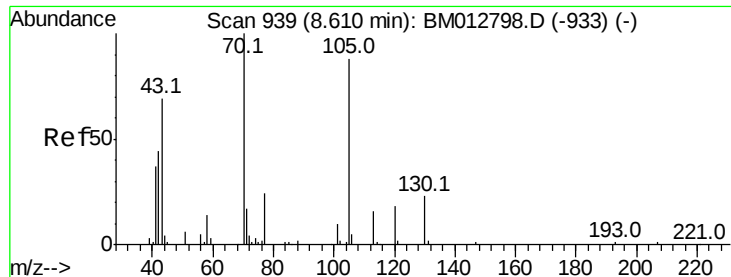
Ion Ratio Lower Upper

128 100

64 40.5 31.9 47.9

130 31.9 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 18.774 ng/ul

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

Instrument :

BNA_M

ClientSampleId :

ETOE1MS

Tot Ion: 70 Resp: 93847

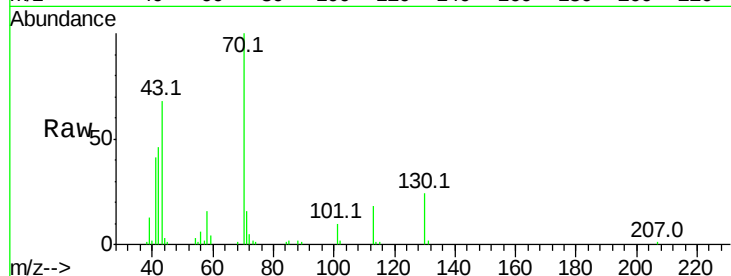
Ion Ratio Lower Upper

70 100

42 45.9 35.4 53.0

101 10.2 8.4 12.6

130 24.2 18.2 27.4

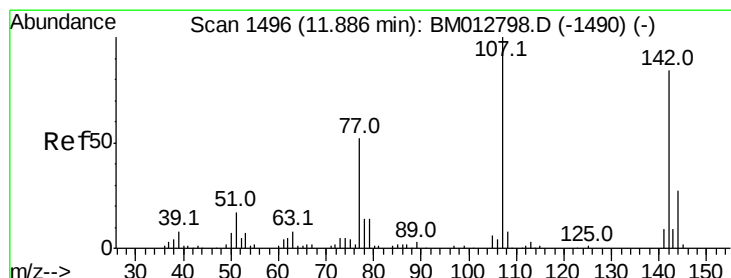
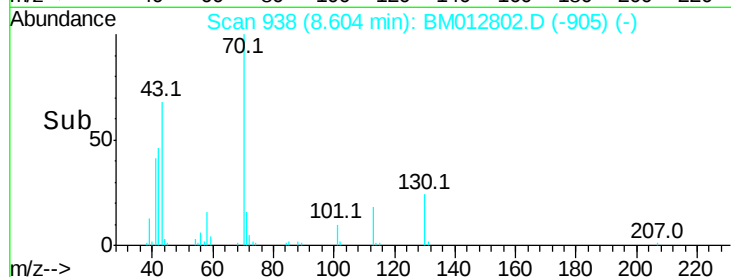
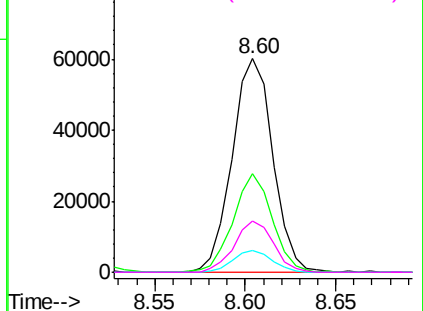


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 20.447 ng/ul

RT: 11.88 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

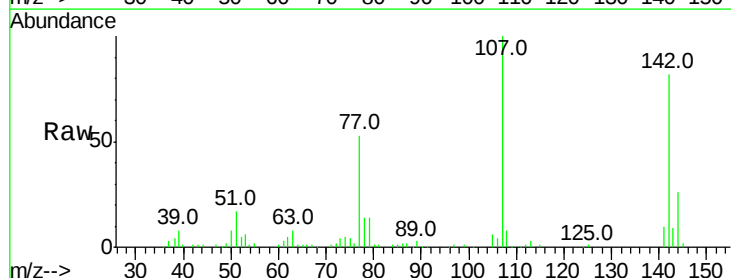
Tgt Ion:107 Resp: 156898

Ion Ratio Lower Upper

107 100

144 26.3 20.4 30.6

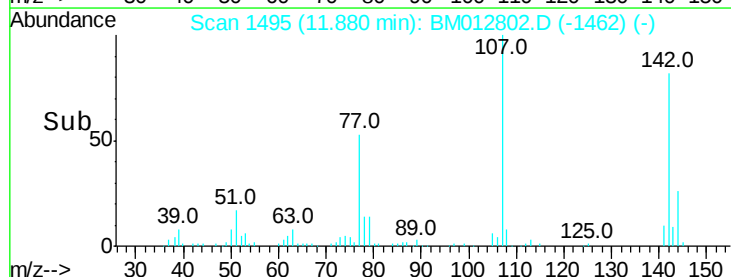
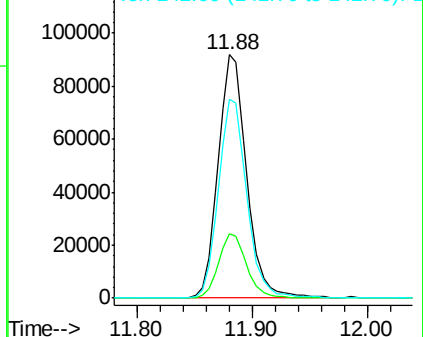
142 81.8 62.5 93.7

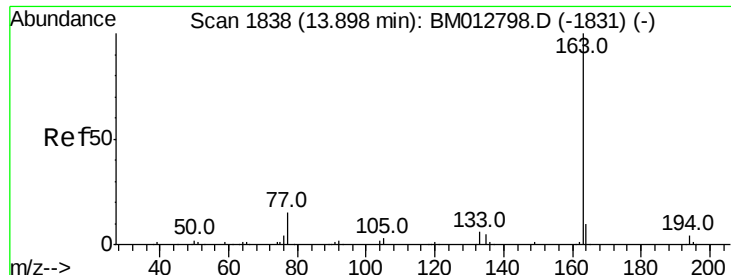


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 7.399 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

Instrument :

BNA_M

ClientSampleId :

ETOE1MS

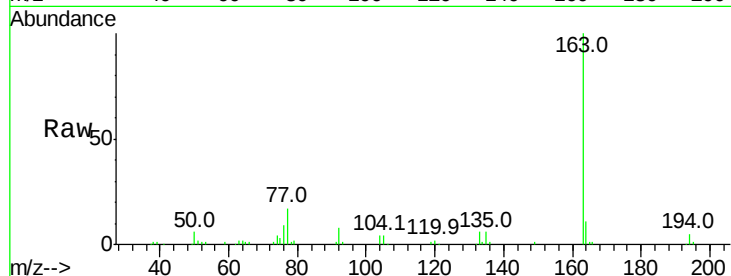
Tot Ion:163 Resp: 180002

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

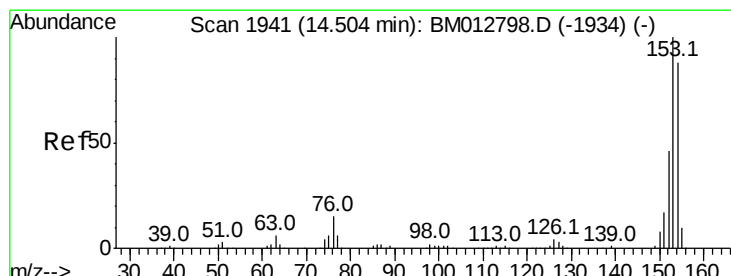
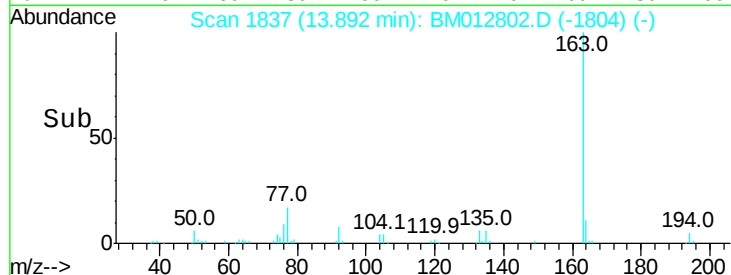
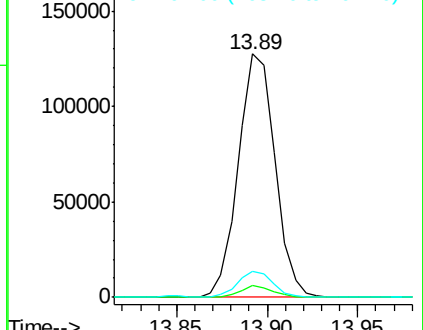
164 10.8 7.8 11.8



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: 17.665 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

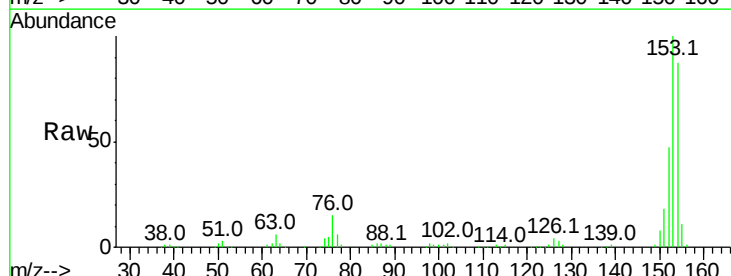
Tgt Ion:153 Resp: 353725

Ion Ratio Lower Upper

153 100

152 47.1 38.3 57.5

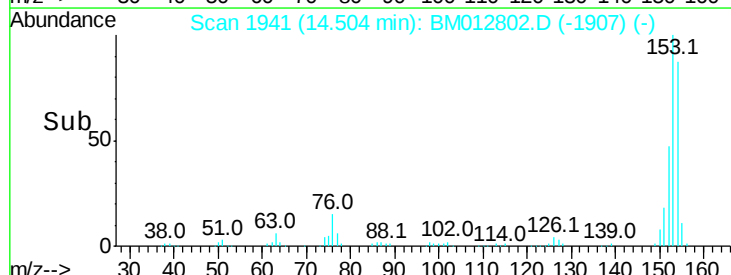
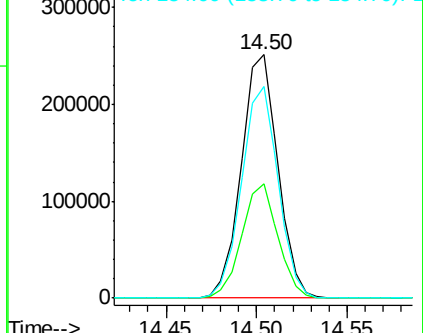
154 87.1 71.8 107.8

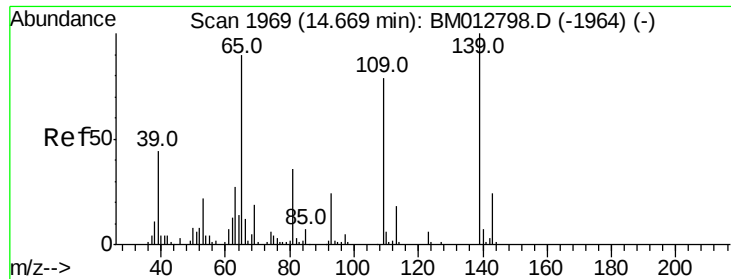


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 14.298 ng/ul

RT: 14.67 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

Instrument :

BNA_M

ClientSampleId :

ETOE1MS

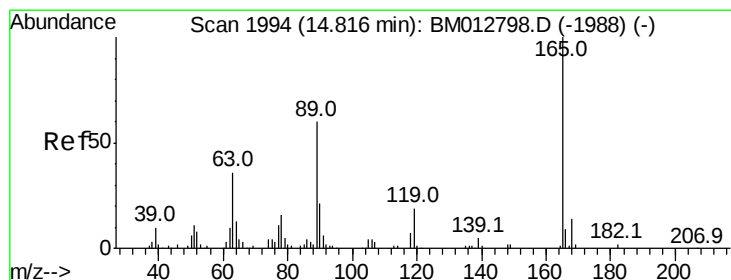
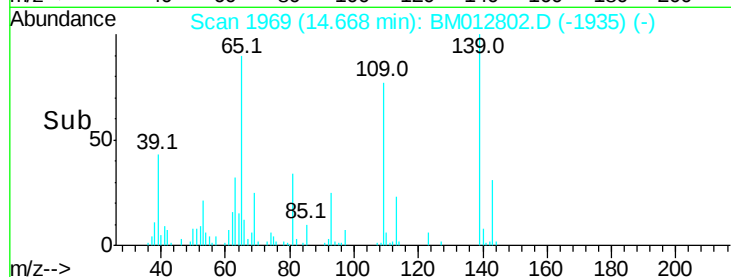
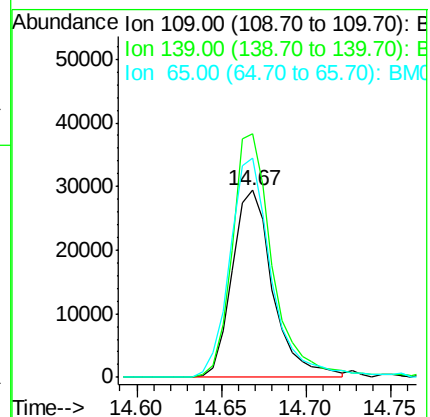
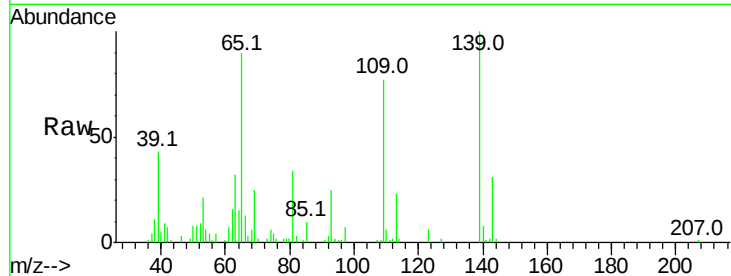
Tot Ion:109 Resp: 49562

Ion Ratio Lower Upper

109 100

139 130.3 103.7 155.5

65 117.7 89.4 134.2



#54

2,4-Dinitrotoluene

Concen: 16.880 ng/ul

RT: 14.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

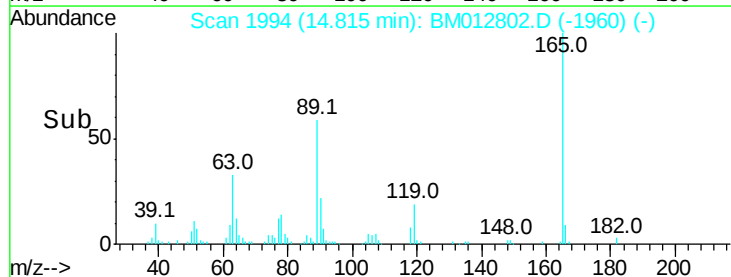
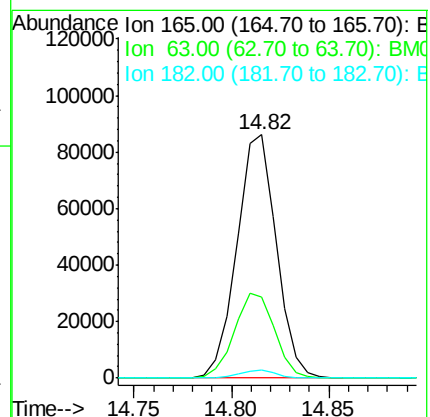
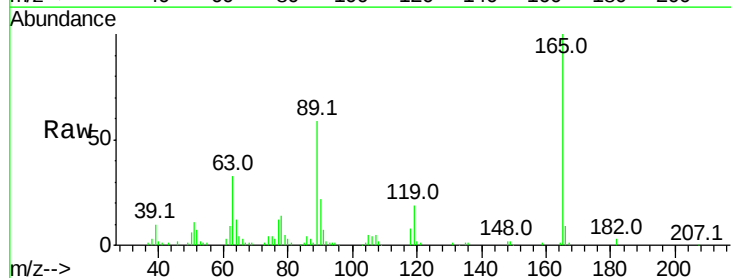
Tgt Ion:165 Resp: 120895

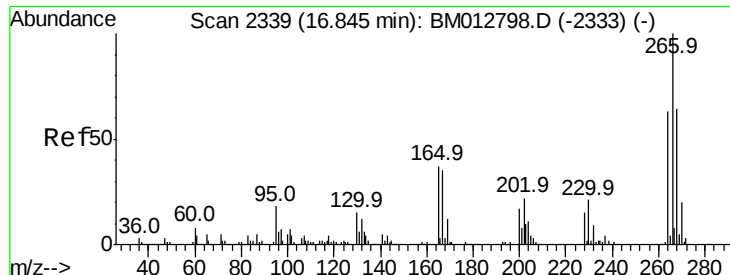
Ion Ratio Lower Upper

165 100

63 33.4 29.8 44.6

182 3.3 2.2 3.4





#68

Pentachlorophenol

Concen: 14.047 ng/ul

RT: 16.84 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

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BNA_M

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ETOE1MS

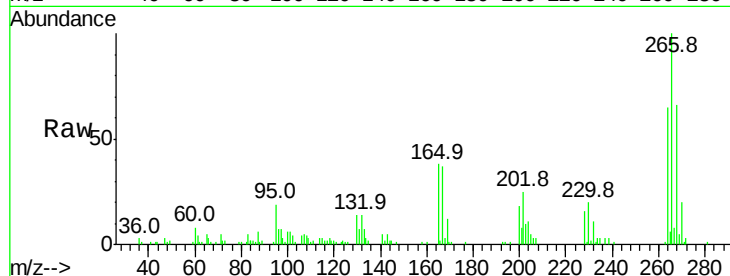
Tot Ion:266 Resp: 77666

Ion Ratio Lower Upper

266 100

264 64.5 50.5 75.7

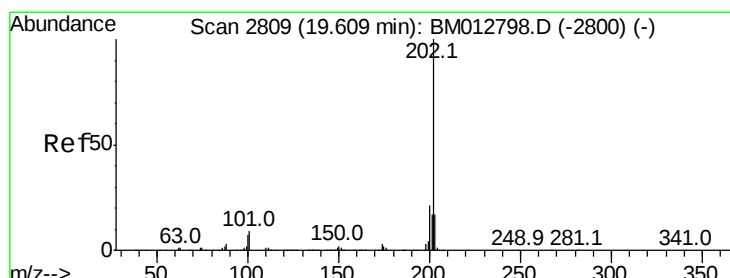
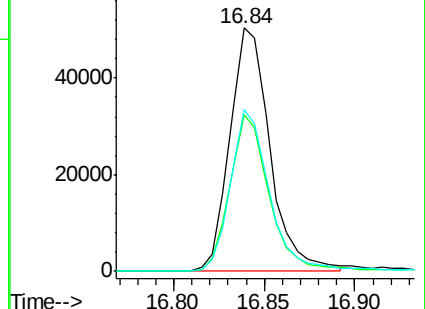
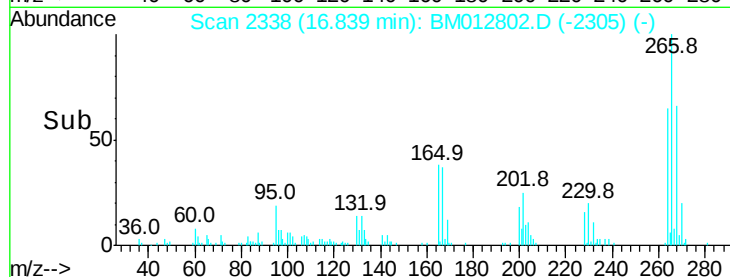
268 66.4 50.9 76.3



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



#79

Pyrene

Concen: 21.794 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

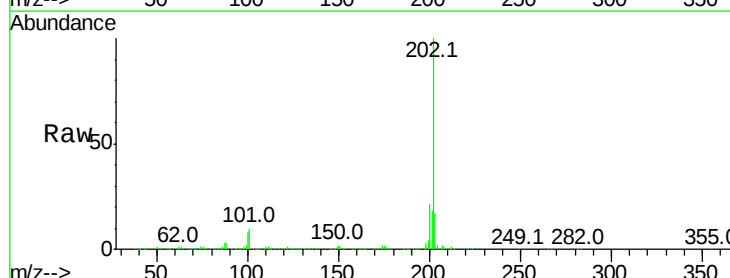
Tgt Ion:202 Resp: 714734

Ion Ratio Lower Upper

202 100

101 9.9 10.2 15.2#

100 8.1 8.5 12.7#



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

