

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070115\
 Data File : BM001811.D
 Acq On : 01 Jul 2015 17:13
 Operator : TP/UM
 Sample : G2854-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FC2MS

Quant Time: Jul 02 17:13:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 02 07:09:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	238558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	142177	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	322475	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	381597	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	404908	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1430	1.11	ng/uL	0.00
5) Phenol-d5	6.83	99	29761	6.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	68619	25.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	81773	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	53618	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	46977	28.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	50922	28.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	95414	24.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	2990	0.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	281679	26.72	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	378869	27.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9579	4.92	ng/ul	0.00
57) Fluorene-d10	15.31	176	270595	27.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	44727	22.71	ng/ul	0.00
70) Anthracene-d10	17.16	188	417454	27.79	ng/ul	0.00
78) Pyrene-d10	19.46	212	471340	29.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	478914	26.83	ng/ul	0.00

Target Compounds

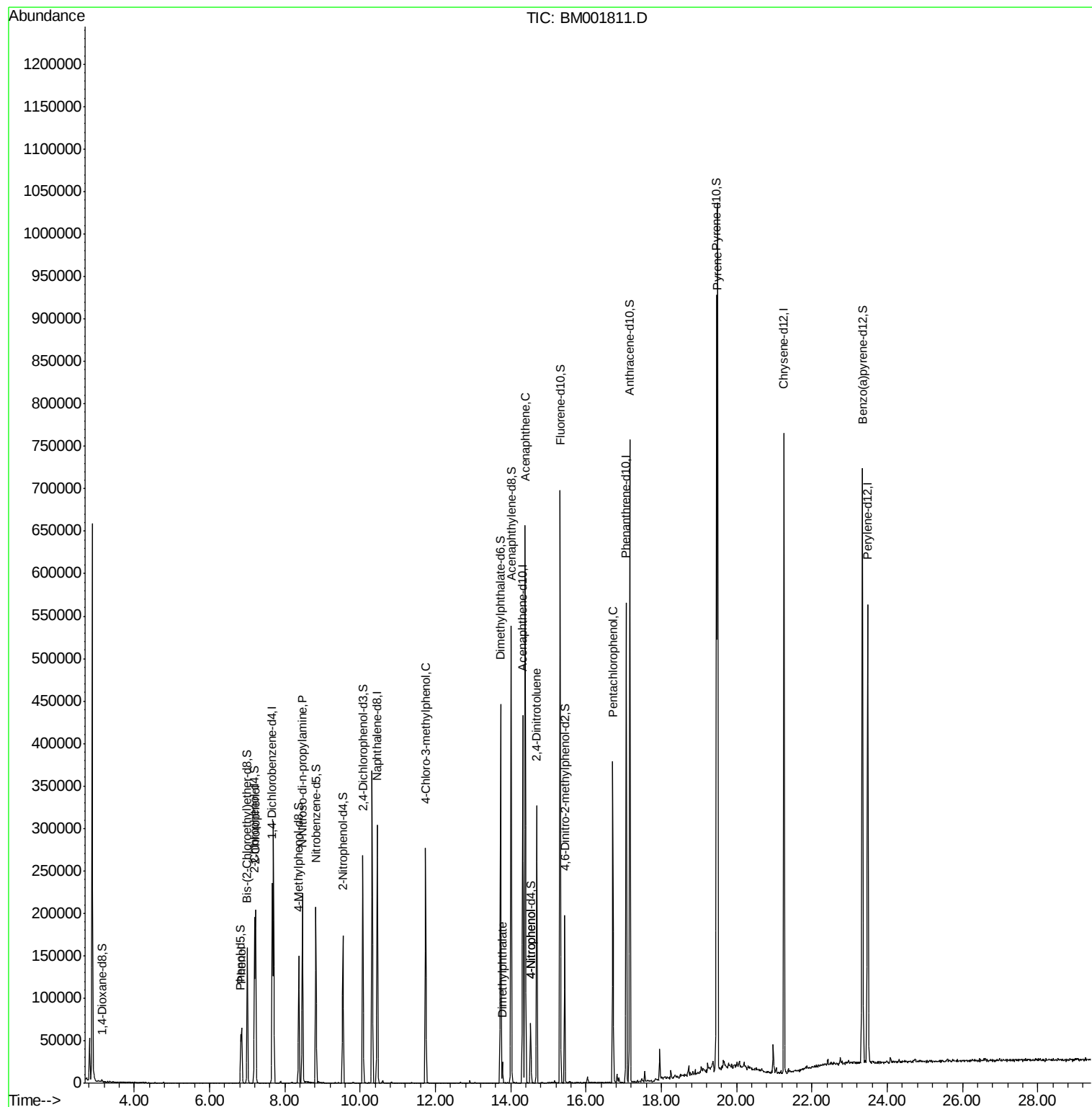
						Qvalue
6) Phenol	6.85	94	32391	6.65	ng/ul	97
10) 2-Chlorophenol	7.22	128	83949	21.73	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	80412	27.37	ng/ul	98
33) 4-Chloro-3-methylphenol	11.74	107	91331	22.88	ng/ul	95
44) Dimethylphthalate	13.77	163	16328	1.42	ng/ul	98
49) Acenaphthene	14.38	153	255702	27.15	ng/ul	98
52) 4-Nitrophenol	14.53	109	10029	4.99	ng/ul	93
54) 2,4-Dinitrotoluene	14.69	165	86127	26.97	ng/ul	99
68) Pentachlorophenol	16.71	266	61525	24.84	ng/ul	95
79) Pyrene	19.49	202	594372	28.07	ng/ul	100

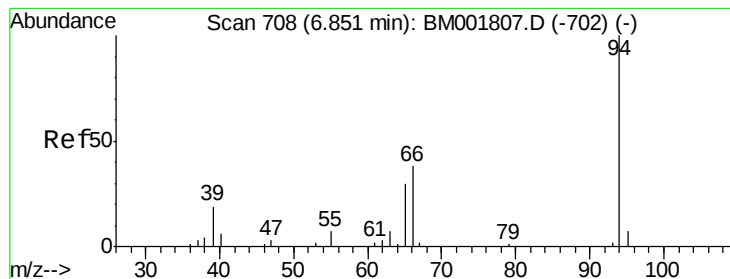
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 07:09:03 2015
Response via : Initial Calibration





#6

Phenol

Concen: 6.65 ng/ul

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

Instrument :

BNA_M

ClientSampled :

H0FC2MS

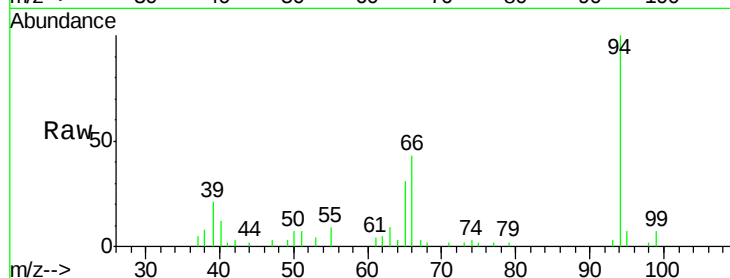
Tgt Ion: 94 Resp: 32391

Ion Ratio Lower Upper

94 100

65 31.0 26.1 39.1

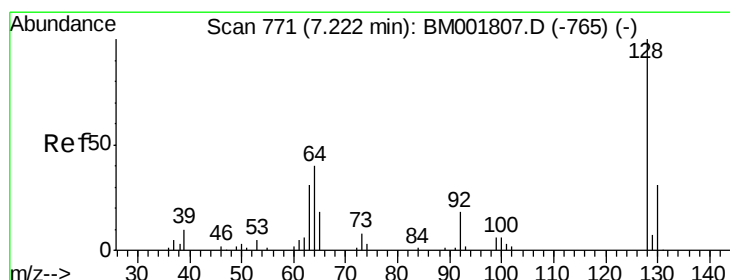
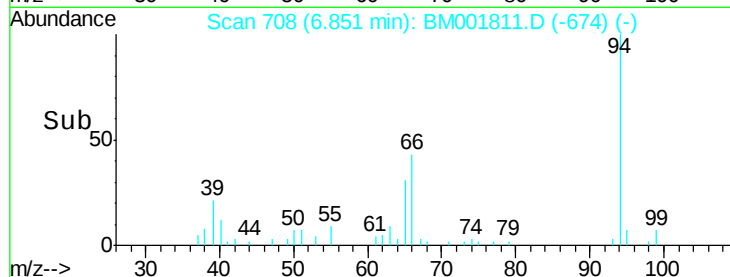
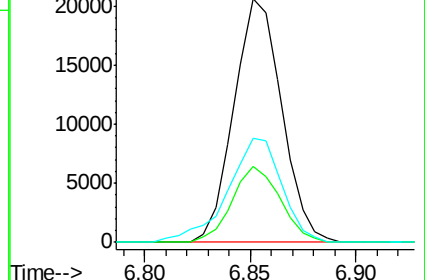
66 42.7 35.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BM001807.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BM001807.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BM001807.D (-702) (-)



#10

2-Chlorophenol

Concen: 21.73 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

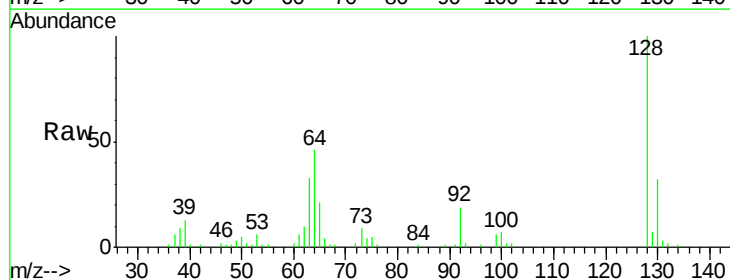
Tgt Ion: 128 Resp: 83949

Ion Ratio Lower Upper

128 100

64 46.5 37.4 56.2

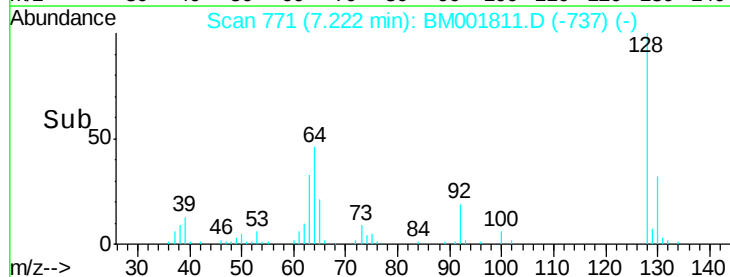
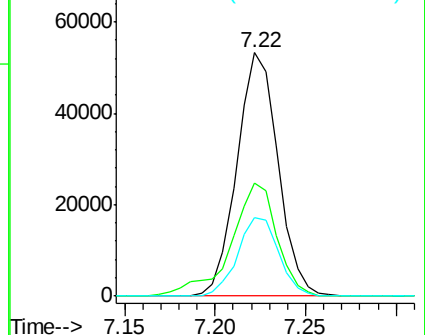
130 32.1 25.4 38.0

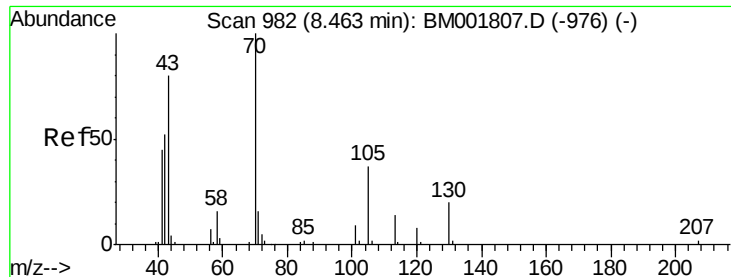


Abundance Ion 128.00 (127.70 to 128.70): BM001807.D (-765) (-)

Ion 64.00 (63.70 to 64.70): BM001807.D (-765) (-)

Ion 130.00 (129.70 to 130.70): BM001807.D (-765) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 27.37 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

Instrument :

BNA_M

ClientSampleId :

H0FC2MS

Tgt Ion: 70 Resp: 80412

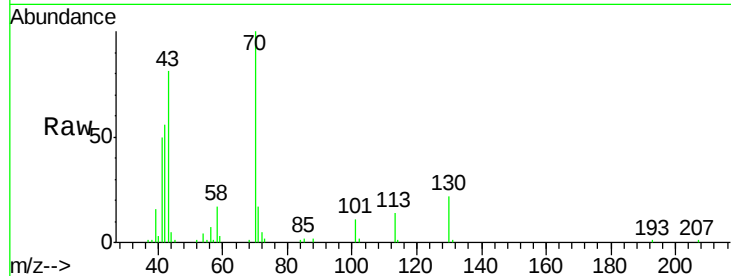
Ion Ratio Lower Upper

70 100

42 56.1 45.2 67.8

101 11.0 7.8 11.6

130 21.6 15.5 23.3

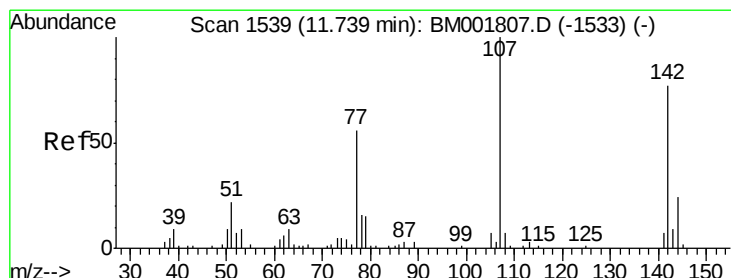
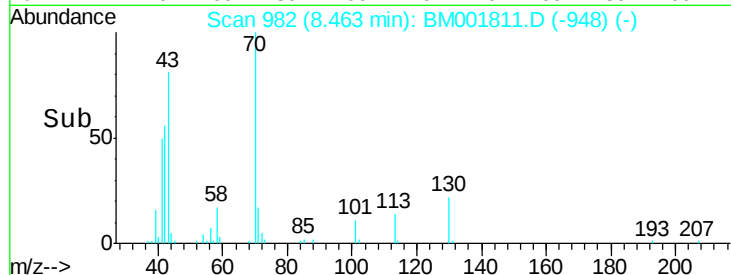
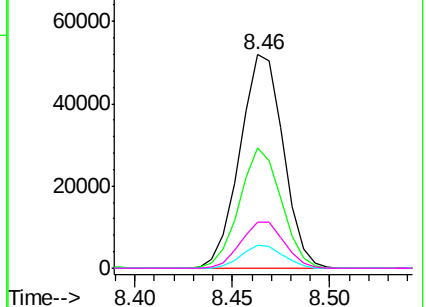


Abundance Ion 70.00 (69.70 to 70.70): BM001807.D (-976) (-)

Ion 42.00 (41.70 to 42.70): BM001807.D (-976) (-)

Ion 101.00 (100.70 to 101.70): BM001807.D (-976) (-)

Ion 130.00 (129.70 to 130.70): BM001807.D (-976) (-)



#33

4-Chloro-3-methylphenol

Concen: 22.88 ng/ul

RT: 11.74 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

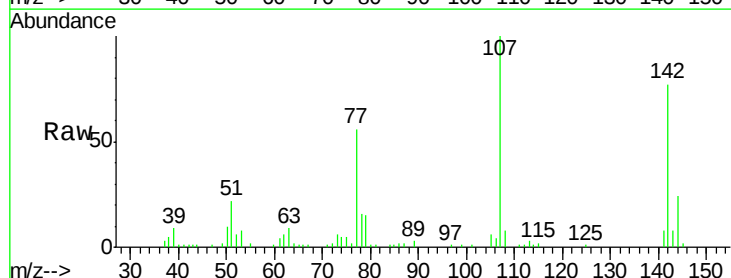
Tgt Ion: 107 Resp: 91331

Ion Ratio Lower Upper

107 100

144 24.0 20.2 30.4

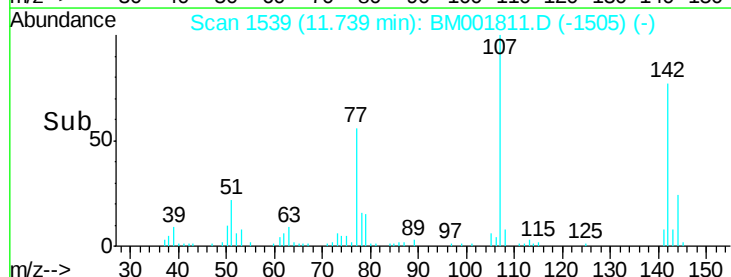
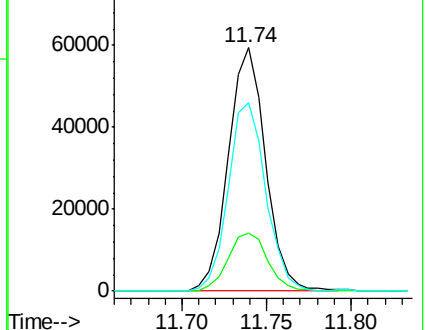
142 77.3 57.7 86.5

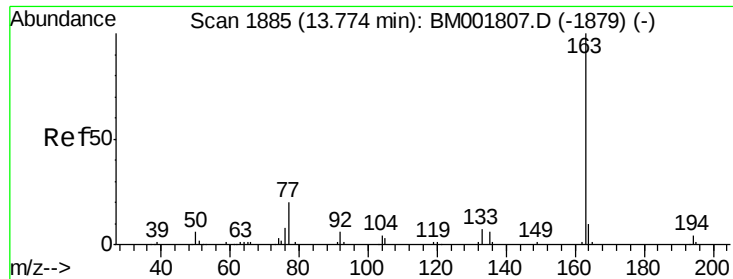


Abundance Ion 107.00 (106.70 to 107.70): BM001807.D (-1533) (-)

Ion 144.00 (143.70 to 144.70): BM001807.D (-1533) (-)

Ion 142.00 (141.70 to 142.70): BM001807.D (-1533) (-)





#44

Dimethylphthalate

Concen: 1.42 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

Instrument :

BNA_M

ClientSampleId :

H0FC2MS

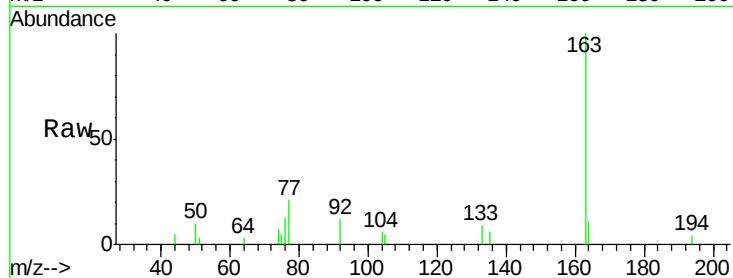
Tgt Ion:163 Resp: 16328

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

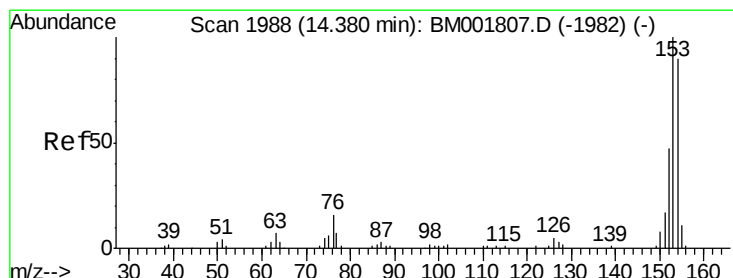
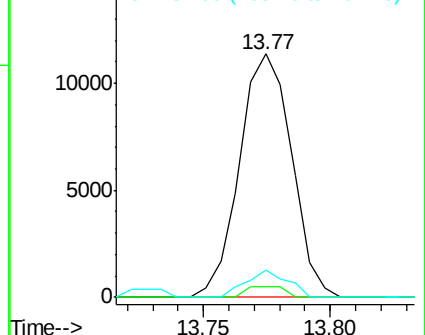
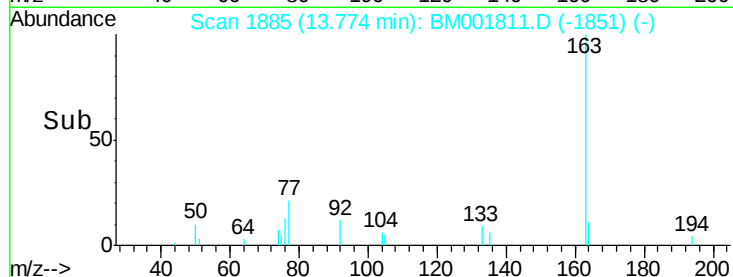
164 11.1 8.0 12.0



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: 27.15 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

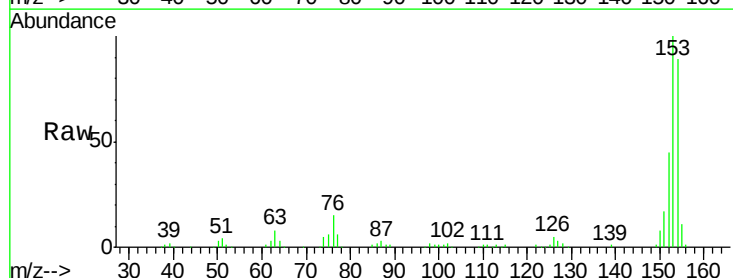
Tgt Ion:153 Resp: 255702

Ion Ratio Lower Upper

153 100

152 45.0 36.6 55.0

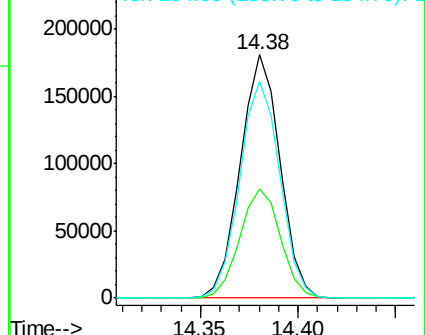
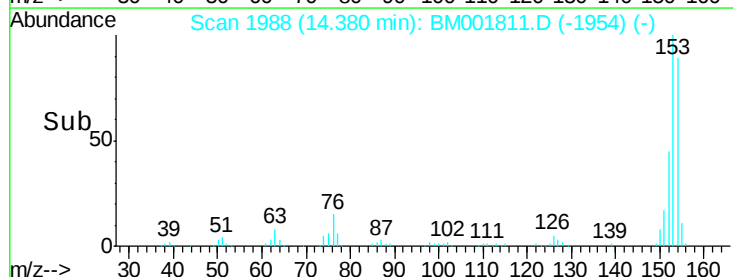
154 89.1 72.6 108.8

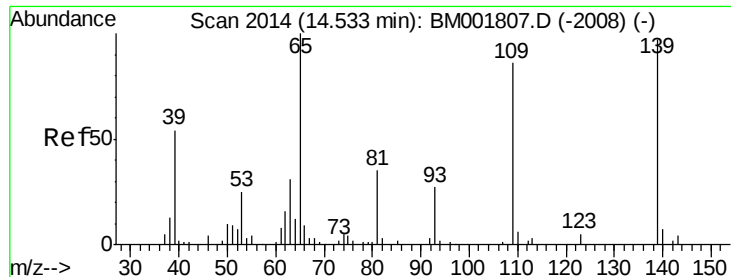


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 4.99 ng/ul

RT: 14.53 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

Instrument :

BNA_M

ClientSampleId :

H0FC2MS

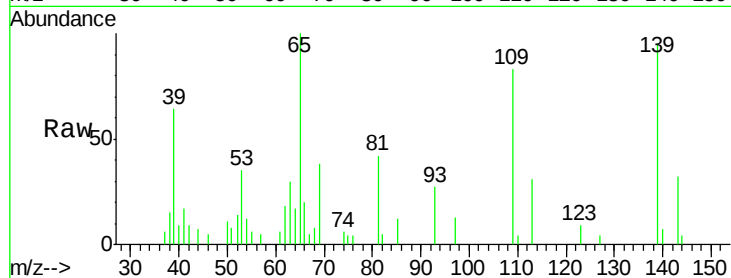
Tgt Ion:109 Resp: 10029

Ion Ratio Lower Upper

109 100

139 114.7 81.7 122.5

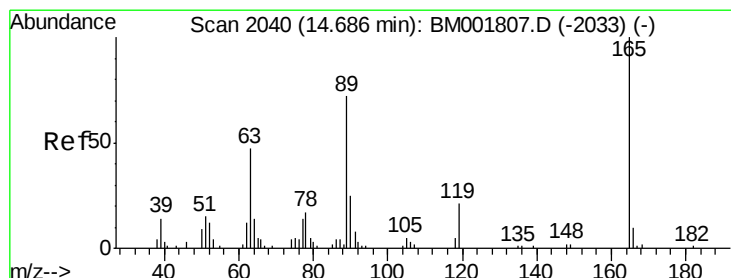
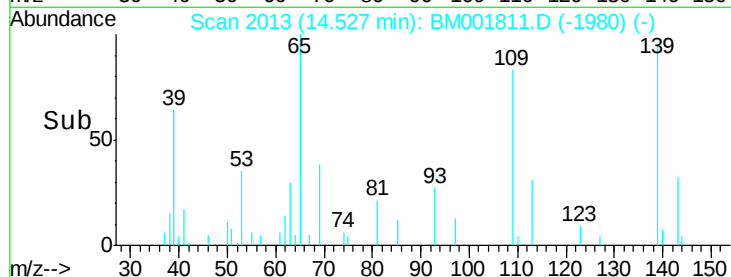
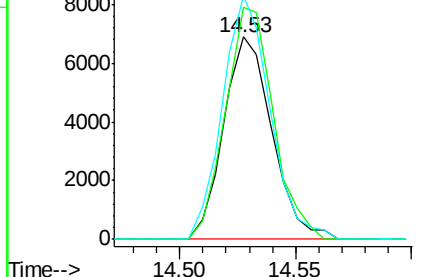
65 120.5 94.3 141.5



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: 26.97 ng/ul

RT: 14.69 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

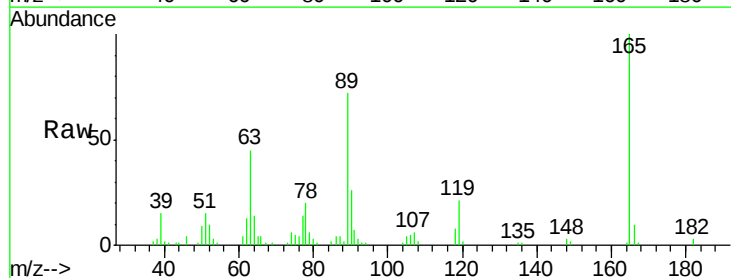
Tgt Ion:165 Resp: 86127

Ion Ratio Lower Upper

165 100

63 45.0 35.4 53.2

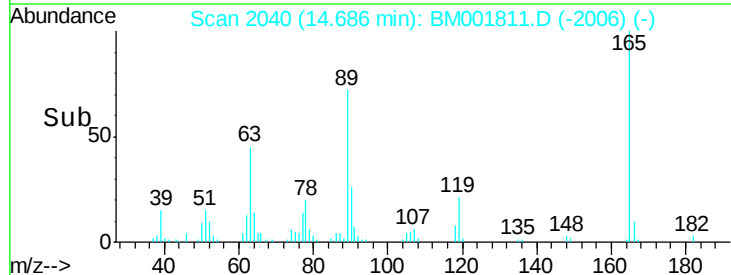
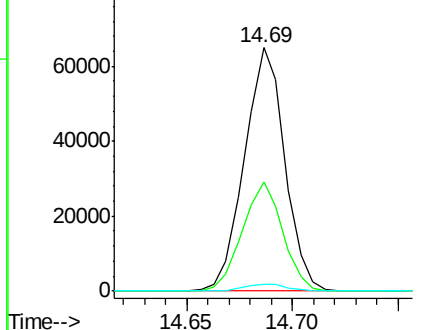
182 2.9 2.1 3.1

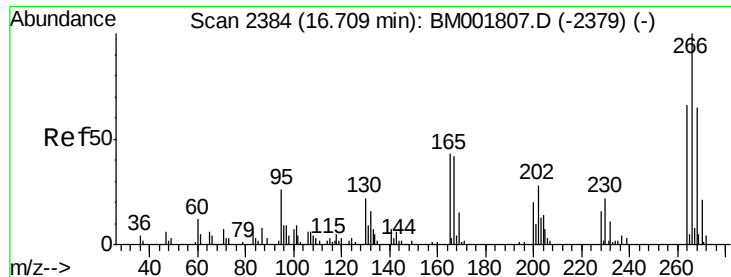


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 24.84 ng/ul

RT: 16.71 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

Instrument :

BNA_M

ClientSampleId :

H0FC2MS

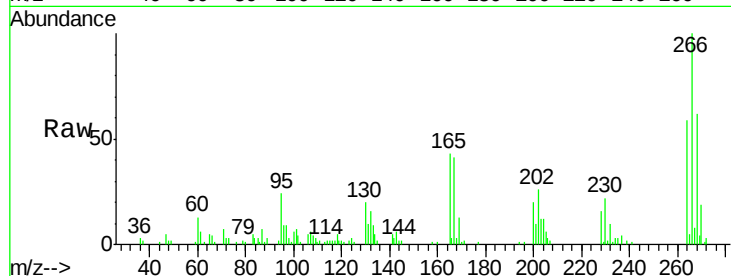
Tgt Ion:266 Resp: 61525

Ion Ratio Lower Upper

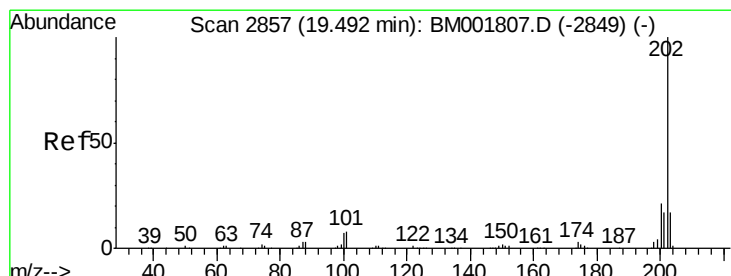
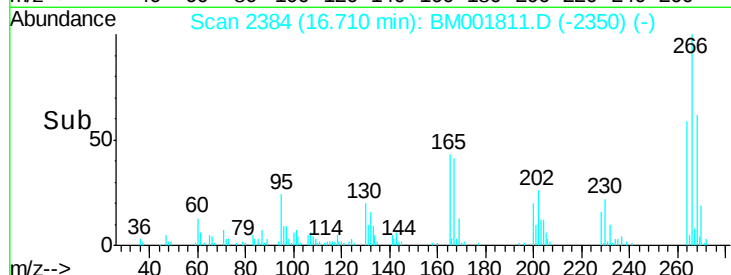
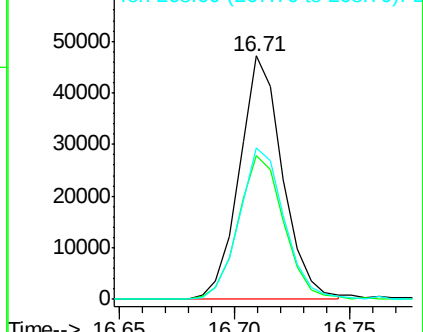
266 100

264 59.1 50.8 76.2

268 62.1 52.0 78.0



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: 28.07 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

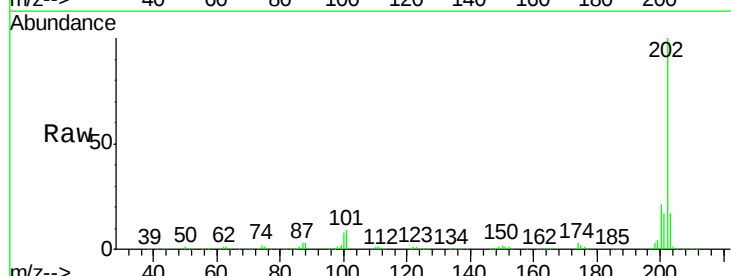
Tgt Ion:202 Resp: 594372

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

100 7.6 6.2 9.2



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

