

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070115\
 Data File : BM001812.D
 Acq On : 01 Jul 2015 17:49
 Operator : TP/UM
 Sample : G2854-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FC2MSD

Quant Time: Jul 02 07:10:30 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	61129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	243774	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	146408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	339297	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	403562	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	415733	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1293	1.01	ng/uL	0.00
5) Phenol-d5	6.83	99	23521	5.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	61548	23.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	72516	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	44766	11.88	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	41905	24.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	44873	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	86013	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1271	0.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	264289	24.34	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	347983	24.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	7856	3.92	ng/ul	0.00
57) Fluorene-d10	15.31	176	255233	25.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	43761	21.11	ng/ul	0.00
70) Anthracene-d10	17.16	188	400017	25.31	ng/ul	0.00
78) Pyrene-d10	19.46	212	455585	26.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	449056	24.50	ng/ul	0.00

Target Compounds

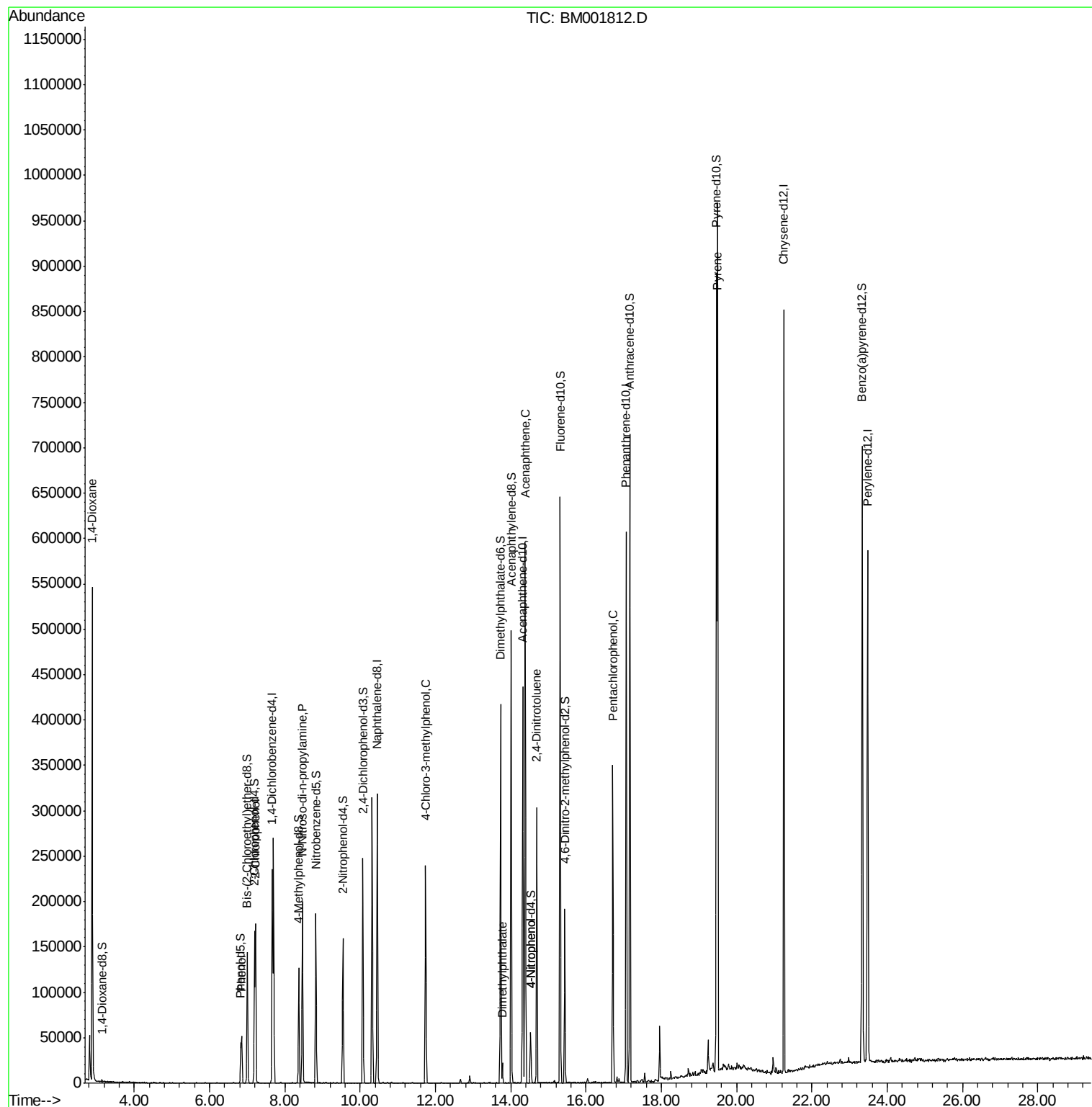
						Qvalue
2) 1,4-Dioxane	2.88	88	3780	2.58	ng/uL#	1
6) Phenol	6.85	94	26178	5.40	ng/ul	95
10) 2-Chlorophenol	7.22	128	71734	18.66	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	70557	24.14	ng/ul	98
33) 4-Chloro-3-methylphenol	11.74	107	81561	20.00	ng/ul	95
44) Dimethylphthalate	13.77	163	14919	1.26	ng/ul#	96
49) Acenaphthene	14.38	153	230195	23.74	ng/ul	99
52) 4-Nitrophenol	14.53	109	8914	4.31	ng/ul	94
54) 2,4-Dinitrotoluene	14.69	165	79871	24.28	ng/ul	100
68) Pentachlorophenol	16.71	266	59379	22.78	ng/ul	99
79) Pyrene	19.49	202	569631	25.44	ng/ul	98

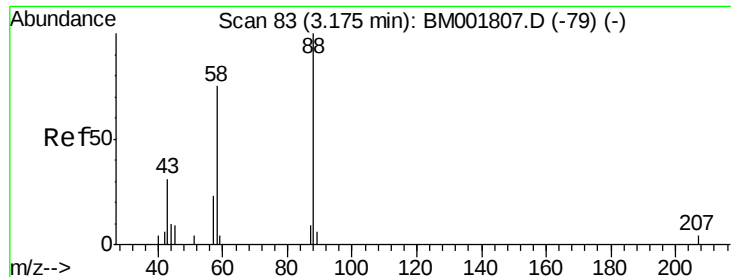
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 07:10:30 2015
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QLast Update : Thu Jul 02 07:09:03 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.58 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001812.D

Acq: 01 Jul 2015 17:49

Instrument :

BNA_M

ClientSampleId :

H0FC2MSD

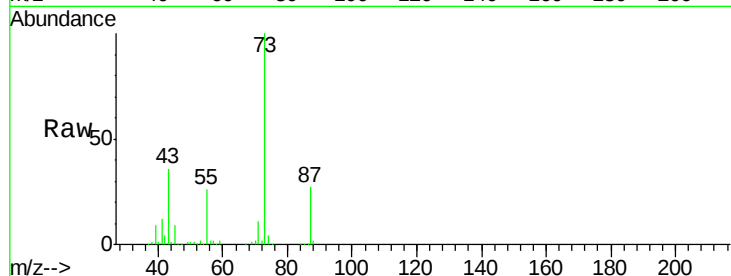
Tgt Ion: 88 Resp: 3780

Ion Ratio Lower Upper

88 100

43 2328.0 24.2 36.4#

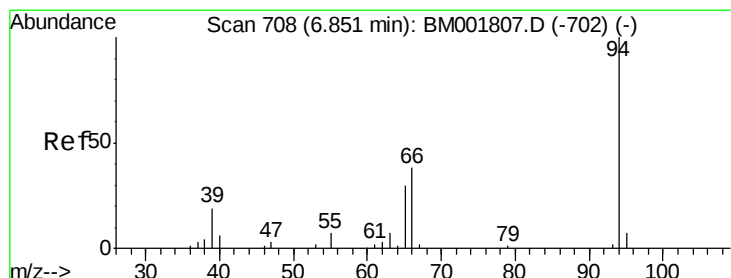
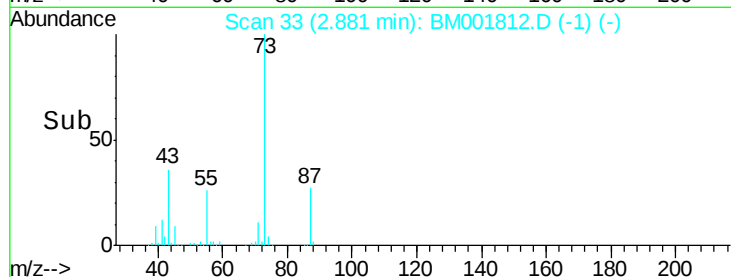
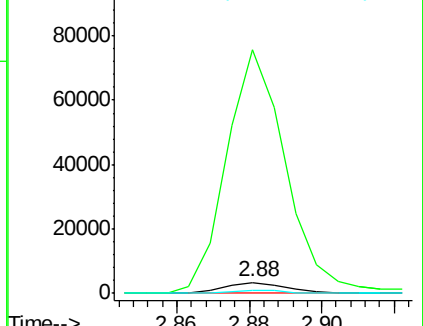
58 21.3 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001812.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM001812.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM001812.D (-1) (-)



#6

Phenol

Concen: 5.40 ng/uL

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM001812.D

Acq: 01 Jul 2015 17:49

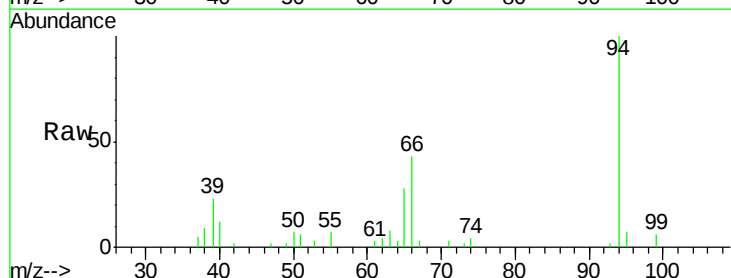
Tgt Ion: 94 Resp: 26178

Ion Ratio Lower Upper

94 100

65 28.1 26.1 39.1

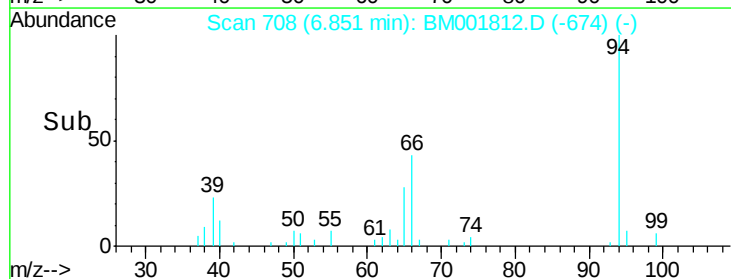
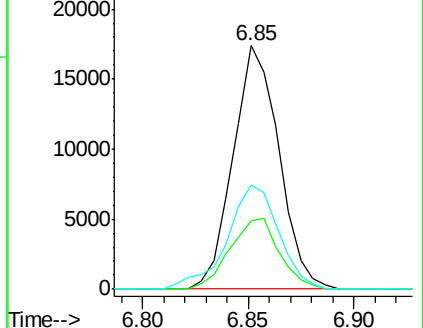
66 42.7 35.9 53.9

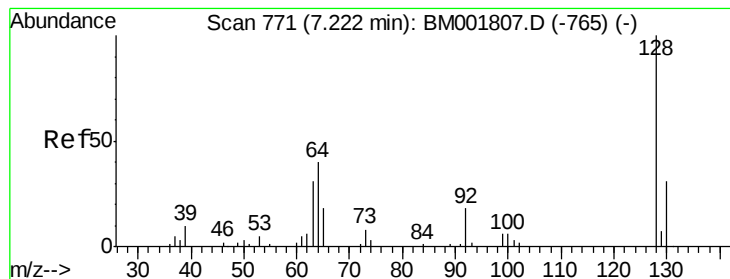


Abundance Ion 94.00 (93.70 to 94.70): BM001812.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM001812.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM001812.D (-674) (-)





#10

2-Chlorophenol

Concen: 18.66 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM001812.D

Acq: 01 Jul 2015 17:49

Instrument :

BNA_M

ClientSampleId :

H0FC2MSD

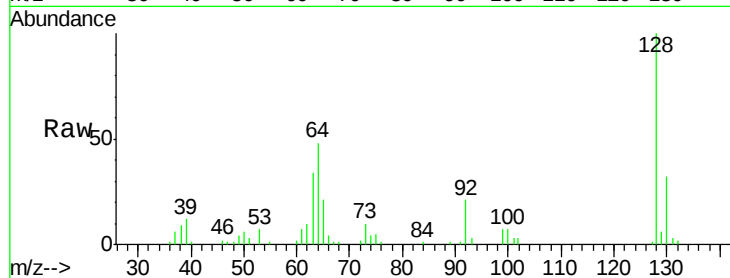
Tgt Ion:128 Resp: 71734

Ion Ratio Lower Upper

128 100

64 48.1 37.4 56.2

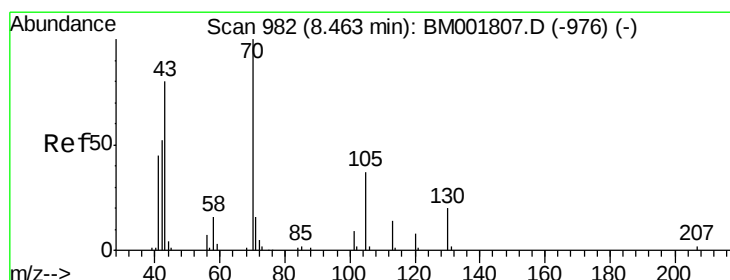
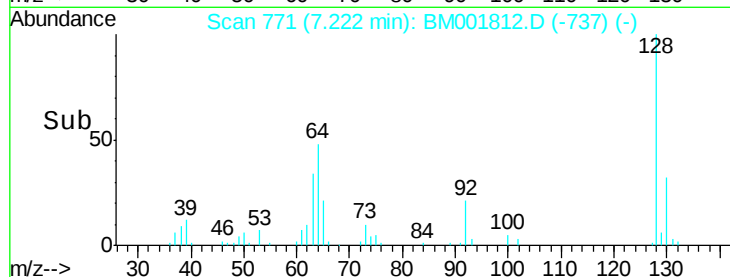
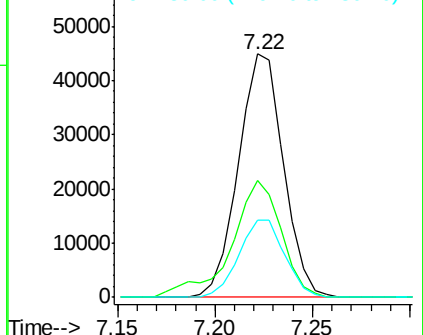
130 31.6 25.4 38.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 24.14 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM001812.D

Acq: 01 Jul 2015 17:49

Tgt Ion: 70 Resp: 70557

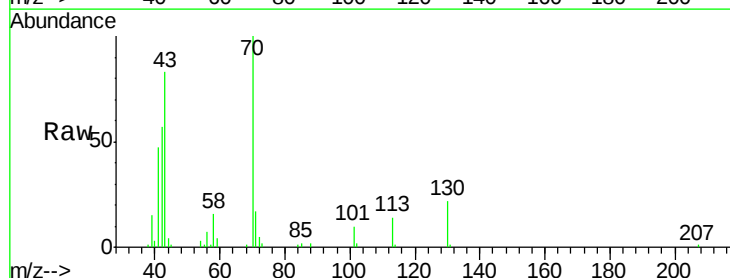
Ion Ratio Lower Upper

70 100

42 57.4 45.2 67.8

101 10.3 7.8 11.6

130 21.5 15.5 23.3

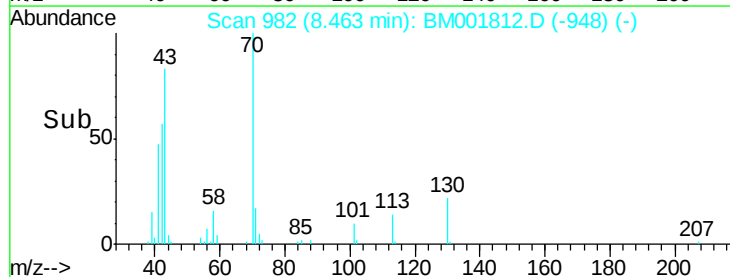
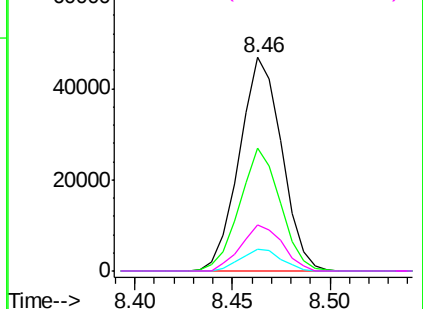


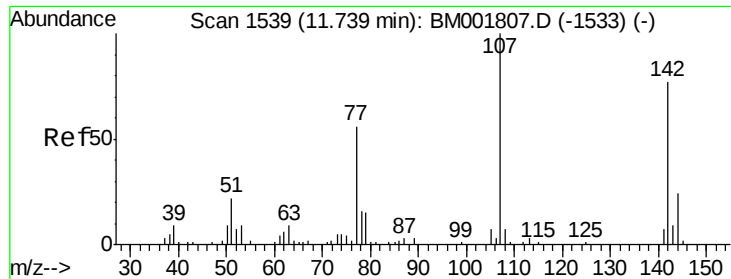
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

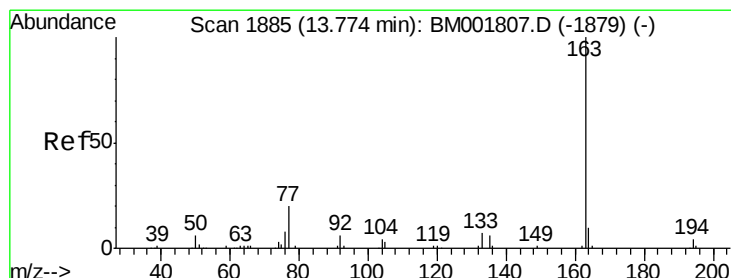
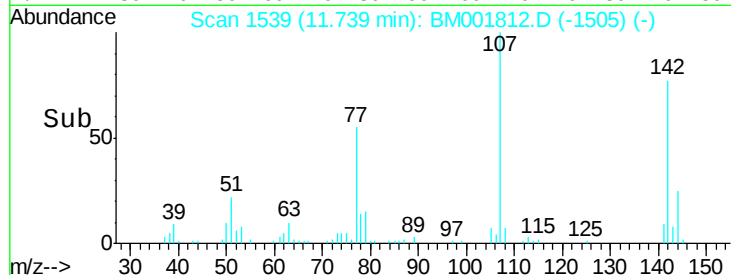
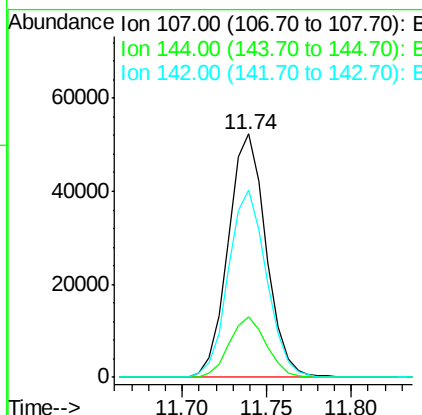
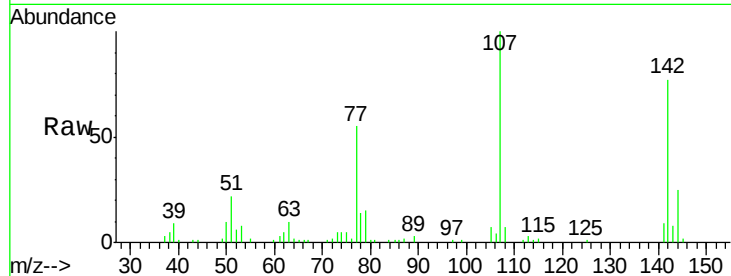




#33
 4-Chloro-3-methylphenol
 Concen: 20.00 ng/ul
 RT: 11.74 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BM001812.D
 Acq: 01 Jul 2015 17:49

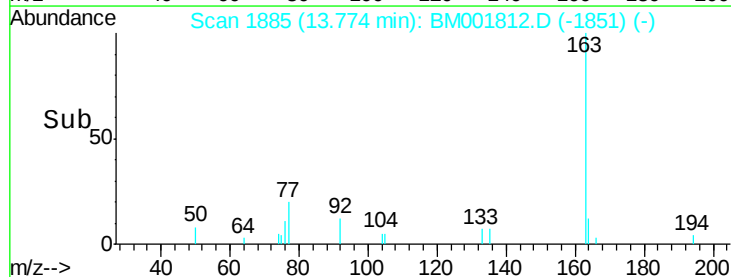
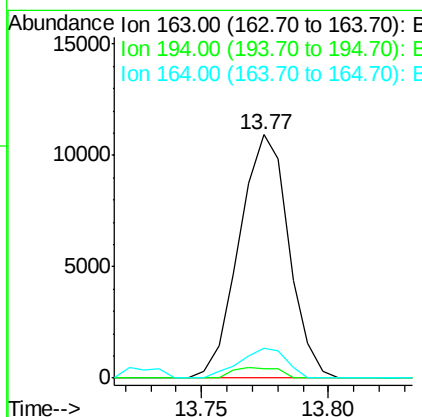
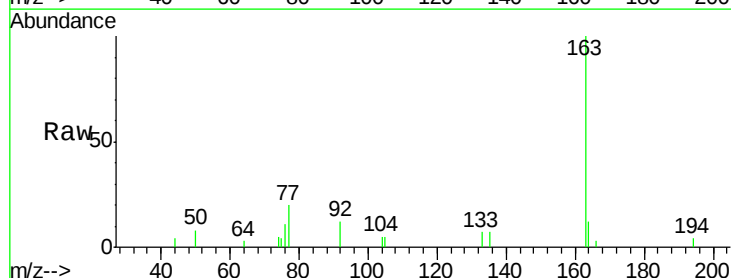
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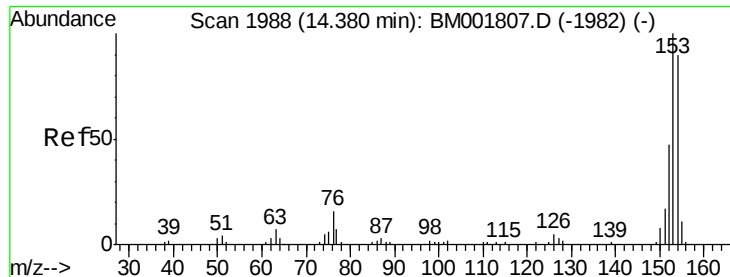
Tgt Ion:107 Resp: 81561
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.4
 142 77.2 57.7 86.5



#44
 Dimethylphthalate
 Concen: 1.26 ng/ul
 RT: 13.77 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BM001812.D
 Acq: 01 Jul 2015 17:49

Tgt Ion:163 Resp: 14919
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.6 5.4
 164 12.0 8.0 12.0#





#49

Acenaphthene

Concen: 23.74 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001812.D

Acq: 01 Jul 2015 17:49

Instrument :

BNA_M

ClientSampleId :

H0FC2MSD

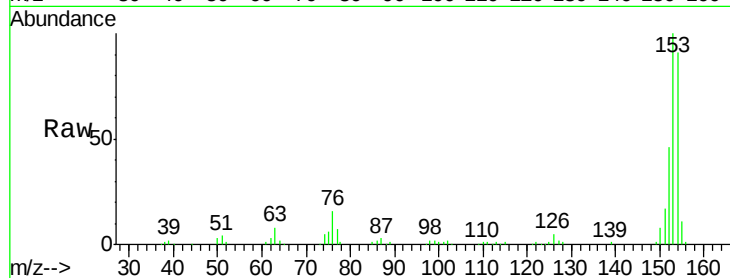
Tgt Ion:153 Resp: 230195

Ion Ratio Lower Upper

153 100

152 46.1 36.6 55.0

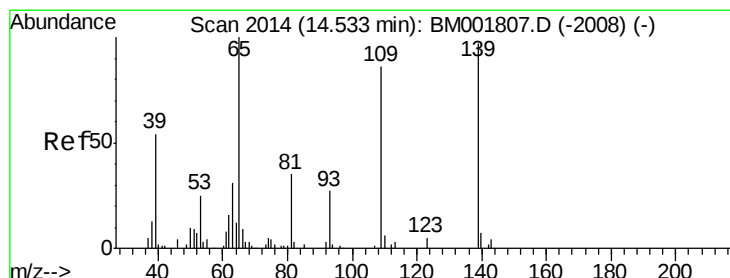
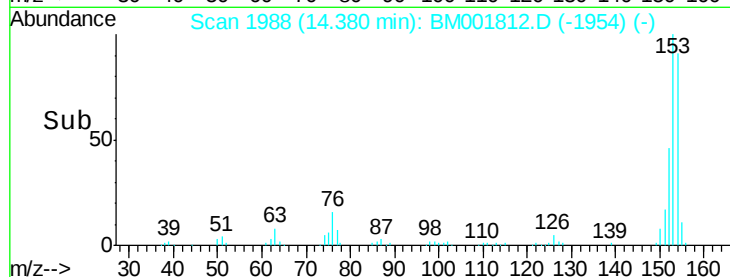
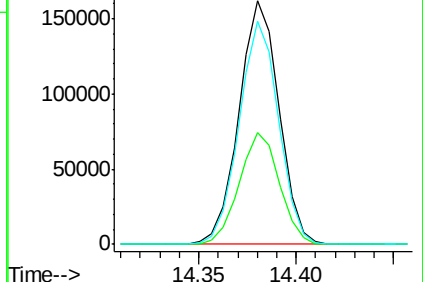
154 91.4 72.6 108.8



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: 4.31 ng/ul

RT: 14.53 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM001812.D

Acq: 01 Jul 2015 17:49

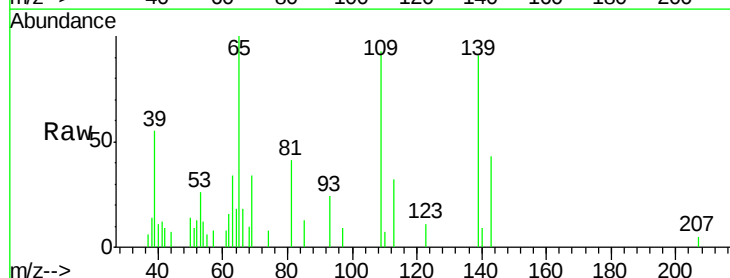
Tgt Ion:109 Resp: 8914

Ion Ratio Lower Upper

109 100

139 98.5 81.7 122.5

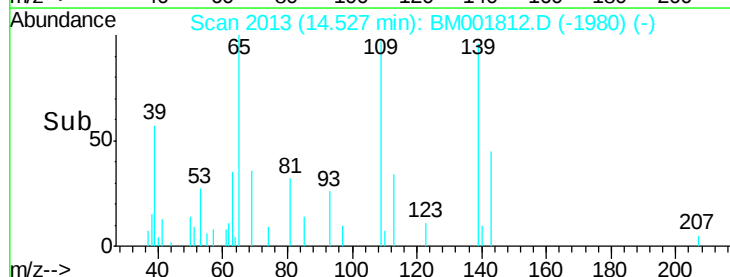
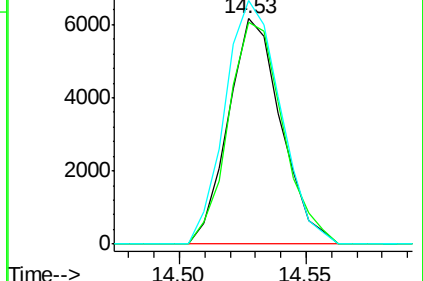
65 108.0 94.3 141.5

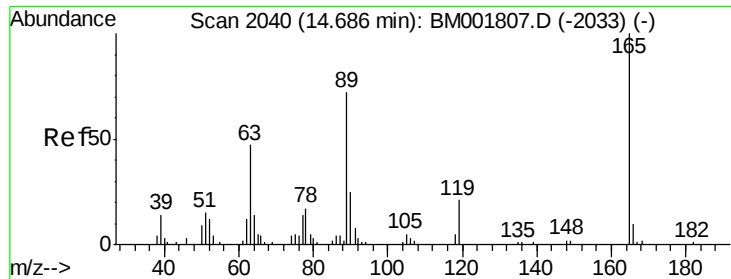


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

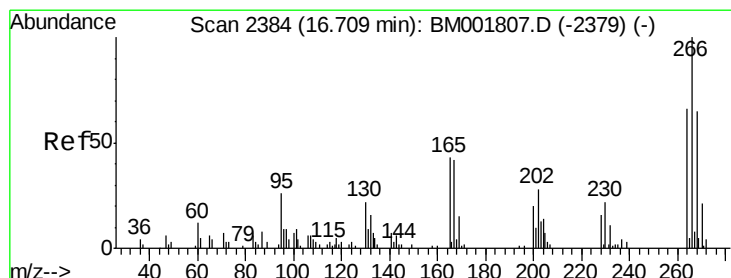
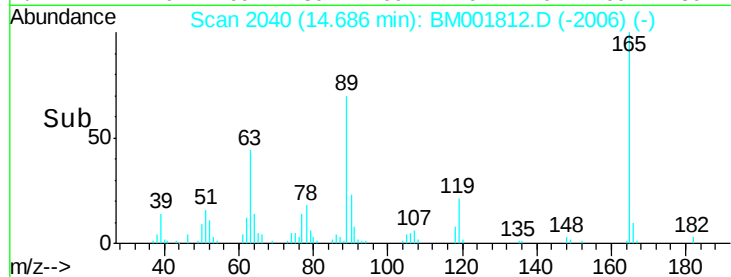
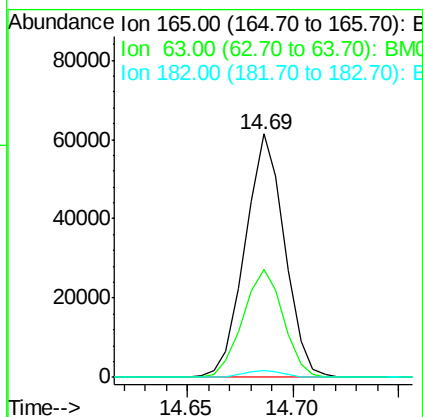
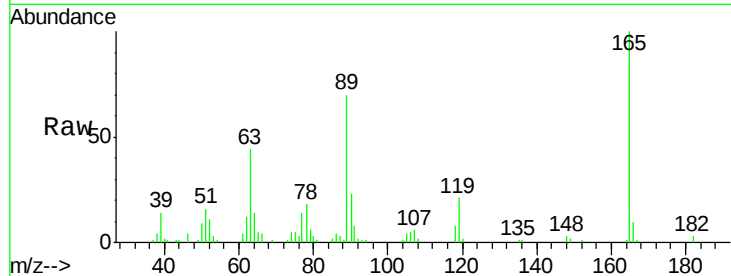




#54
 2,4-Dinitrotoluene
 Concen: 24.28 ng/ul
 RT: 14.69 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BM001812.D
 Acq: 01 Jul 2015 17:49

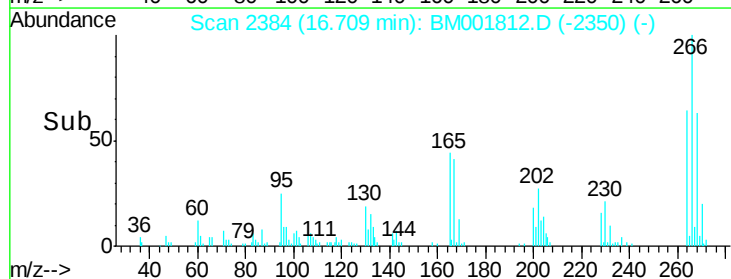
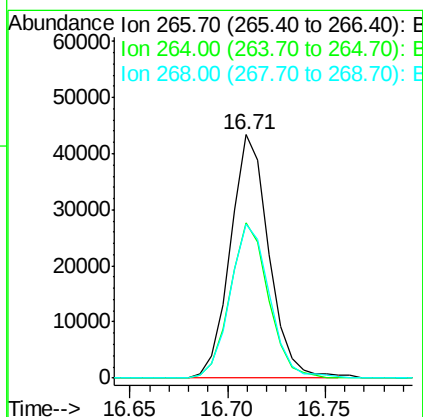
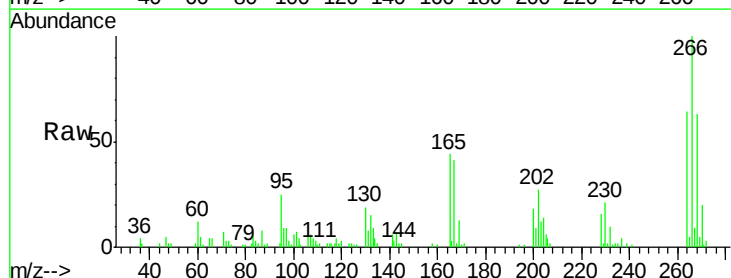
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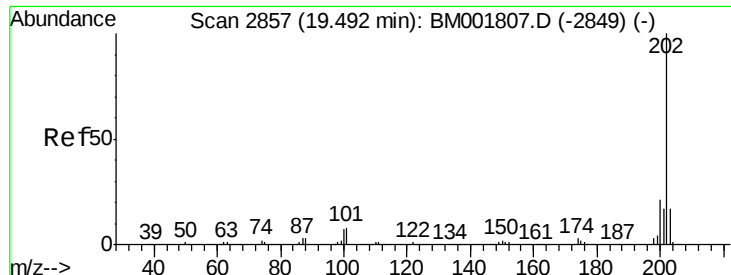
Tgt Ion:165 Resp: 79871
 Ion Ratio Lower Upper
 165 100
 63 44.2 35.4 53.2
 182 2.7 2.1 3.1



#68
 Pentachlorophenol
 Concen: 22.78 ng/ul
 RT: 16.71 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM001812.D
 Acq: 01 Jul 2015 17:49

Tgt Ion:266 Resp: 59379
 Ion Ratio Lower Upper
 266 100
 264 63.9 50.8 76.2
 268 63.3 52.0 78.0





#79

Pyrene

Concen: 25.44 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM001812.D

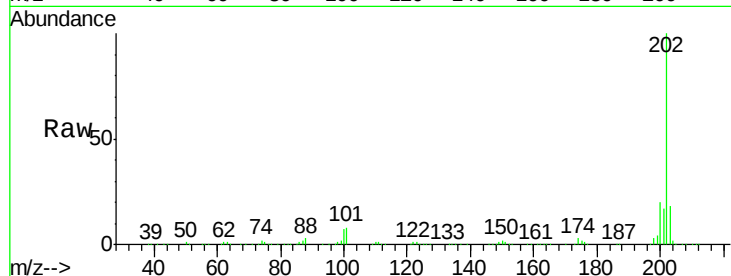
Acq: 01 Jul 2015 17:49

Instrument :

BNA_M

ClientSampleId :

H0FC2MSD



Tgt Ion: 202 Resp: 569631

Ion Ratio Lower Upper

202 100

101 7.8 6.9 10.3

100 7.1 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

