

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001851.D
 Acq On : 07 Jul 2015 01:17
 Operator : TP/UM
 Sample : G2861-09MSD 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MSD

Quant Time: Jul 07 07:10:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	64772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	238719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	136465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	306168	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	376190	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	387605	20.00	ng/ul	0.00

System Monitoring Compounds

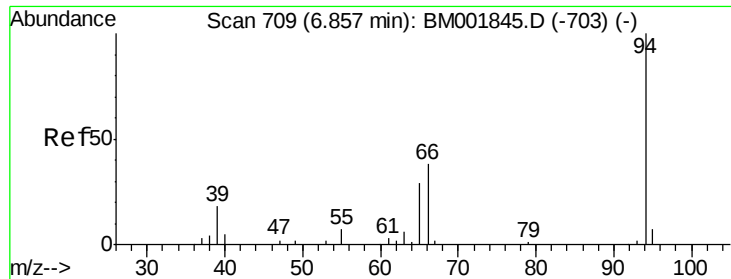
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	5452	1.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3186	1.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	4107	1.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	3702	0.93	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1798	1.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	1964	1.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	4127	1.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	13212	3.36	ng/ul	-0.03
43) Dimethylphthalate-d6	13.73	166	12337	1.22	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	16384	1.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	2381	1.28	ng/ul	0.01
57) Fluorene-d10	15.31	176	13016	1.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1630	0.87	ng/ul	0.00
70) Anthracene-d10	17.16	188	19430	1.36	ng/ul	0.00
78) Pyrene-d10	19.46	212	20983	1.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	22011	1.29	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.86	94	5395	1.05	ng/ul	98
10) 2-Chlorophenol	7.22	128	4530	1.11	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.46	70	3632	1.17	ng/ul#	88
17) Hexachloroethane	8.76	117	2381	1.46	ng/ul#	1
32) Caprolactam	11.47	113	3890	3.47	ng/ul#	56
33) 4-Chloro-3-methylphenol	11.74	107	4320	1.08	ng/ul#	95
34) 2-Methylnaphthalene	12.12	142	58584	6.72	ng/ul	99
49) Acenaphthene	14.38	153	17526	1.94	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	4483	1.46	ng/ul#	99
64) N-Nitrosodiphenylamine	15.58	169	12425	1.39	ng/ul#	57
69) Phenanthrene	17.10	178	35104	2.11	ng/ul	97
71) Anthracene	17.10	178	35389	2.08	ng/ul	96
76) Fluoranthene	19.12	202	20631	1.04	ng/ul	98
79) Pyrene	19.49	202	55752	2.67	ng/ul	99

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

```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\  
Data File : BM001851.D  
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Operator  : TP/UM  
Sample    : G2861-09MSD 10X  
Misc      :  
ALS Vial  : 21      Sample Multiplier: 1
```



#6

Phenol

Concen: 1.05 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

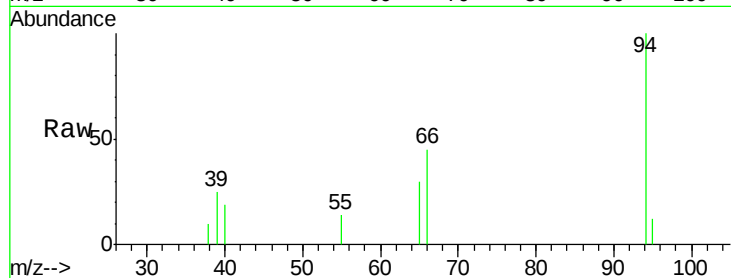
Tgt Ion: 94 Resp: 5395

Ion Ratio Lower Upper

94 100

65 30.3 26.1 39.1

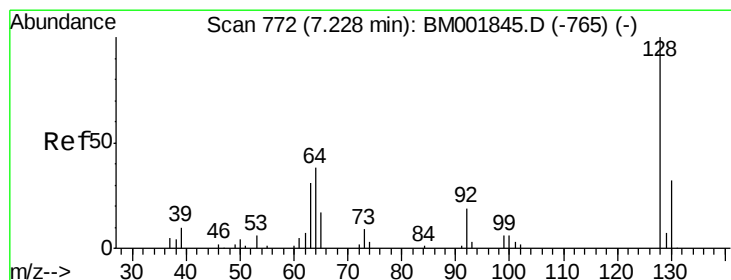
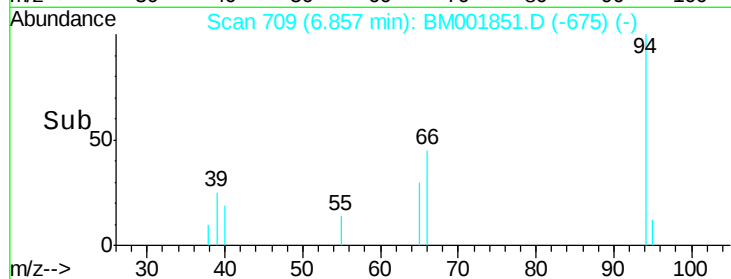
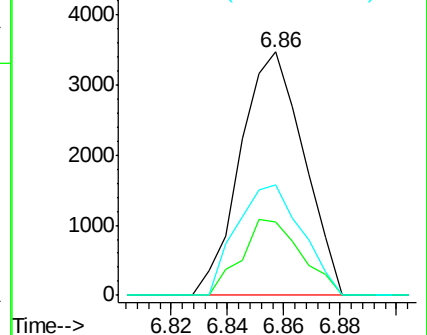
66 45.3 35.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BM001845.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BM001845.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BM001845.D (-703) (-)



#10

2-Chlorophenol

Concen: 1.11 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

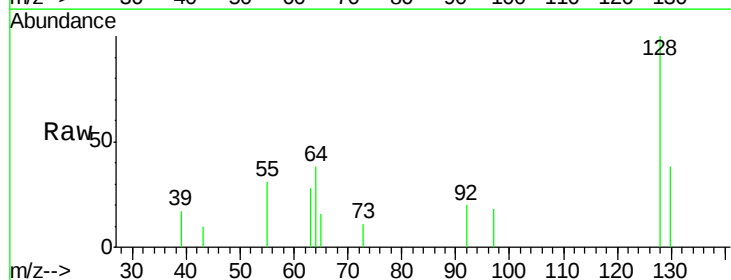
Tgt Ion: 128 Resp: 4530

Ion Ratio Lower Upper

128 100

64 38.0 37.4 56.2

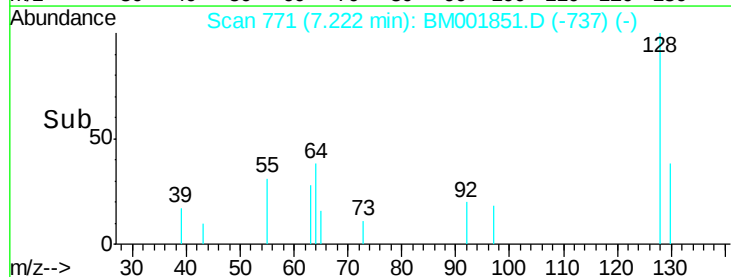
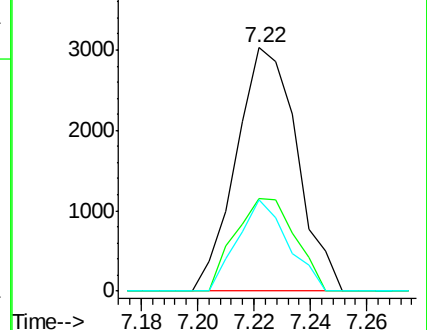
130 37.6 25.4 38.0

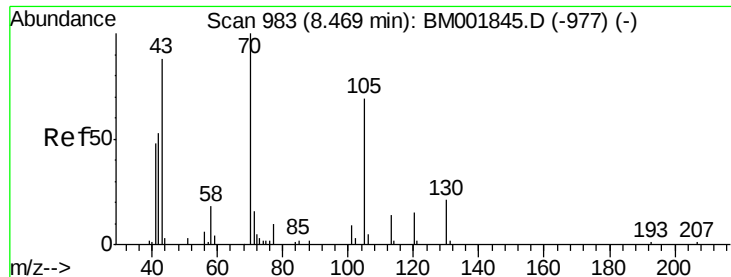


Abundance Ion 128.00 (127.70 to 128.70): BM001845.D (-765) (-)

Ion 64.00 (63.70 to 64.70): BM001845.D (-765) (-)

Ion 130.00 (129.70 to 130.70): BM001845.D (-765) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 1.17 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

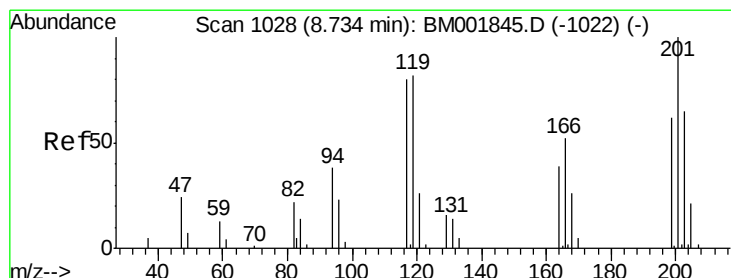
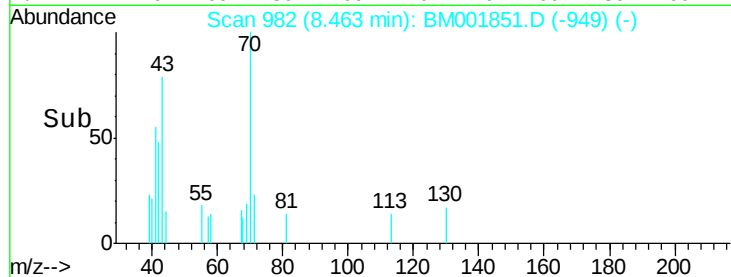
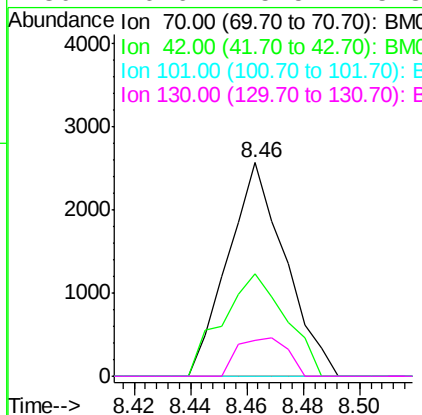
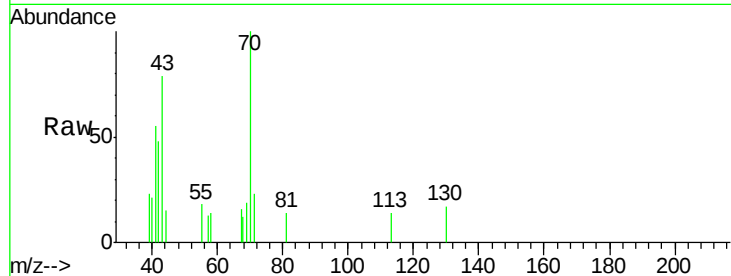
Instrument :

BNA_M

ClientSampleId :

G93L3MSD

Tgt Ion:	70	Resp:	3632
Ion	Ratio	Lower	Upper
70	100		
42	48.2	45.2	67.8
101	0.0	7.8	11.6#
130	16.6	15.5	23.3



#17

Hexachloroethane

Concen: 1.46 ng/ul

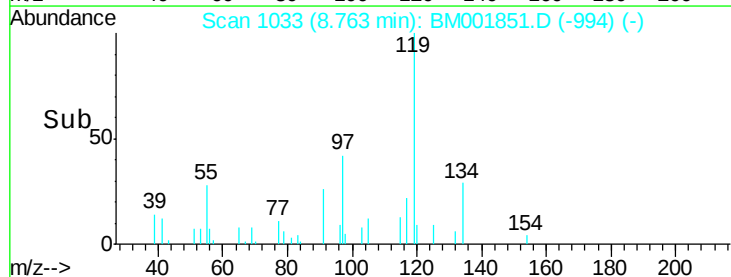
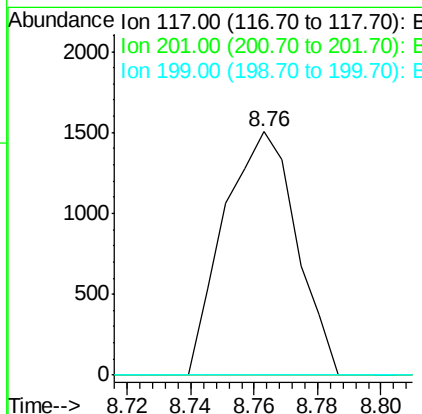
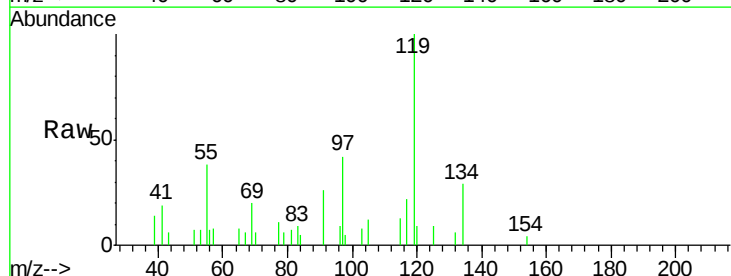
RT: 8.76 min Scan# 1033

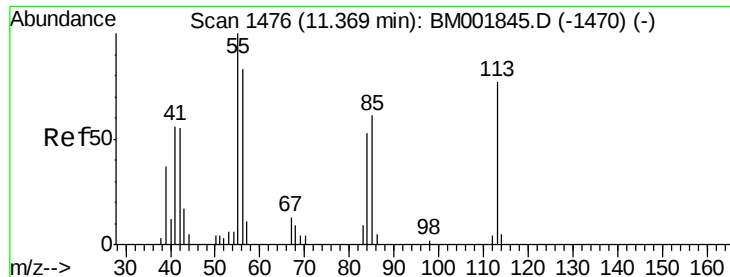
Delta R.T. 0.03 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

Tgt Ion:	117	Resp:	2381
Ion	Ratio	Lower	Upper
117	100		
201	0.0	92.1	138.1#
199	0.0	60.6	90.8#





#32

Caprolactam

Concen: 3.47 ng/ul

RT: 11.47 min Scan# 1493

Delta R.T. 0.10 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

Instrument :

BNA_M

ClientSampled :

G93L3MSD

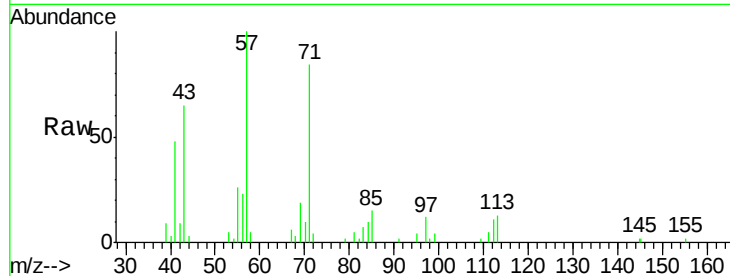
Tgt Ion:113 Resp: 3890

Ion Ratio Lower Upper

113 100

55 203.9 123.3 184.9#

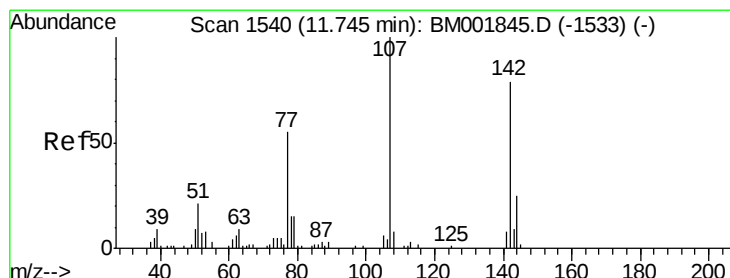
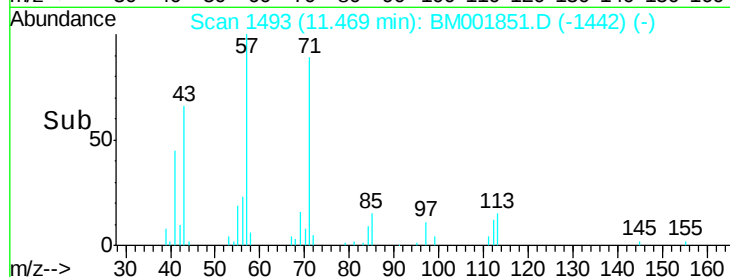
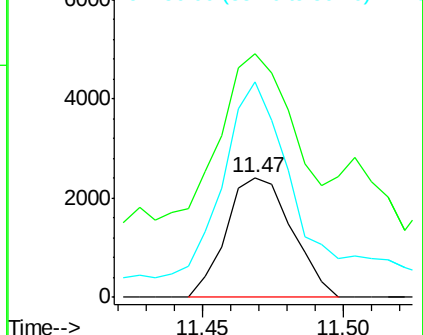
56 180.5 98.6 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 1.08 ng/ul

RT: 11.74 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

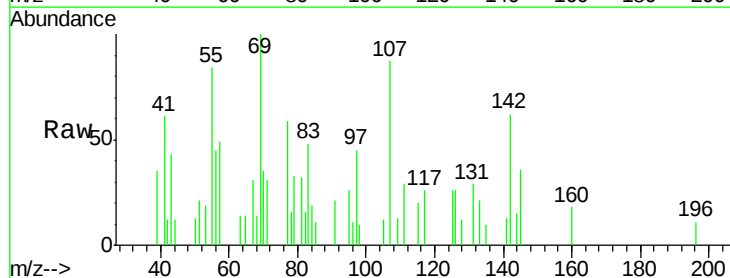
Tgt Ion:107 Resp: 4320

Ion Ratio Lower Upper

107 100

144 17.6 20.2 30.4#

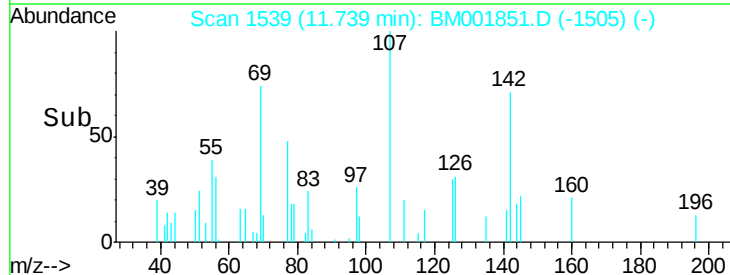
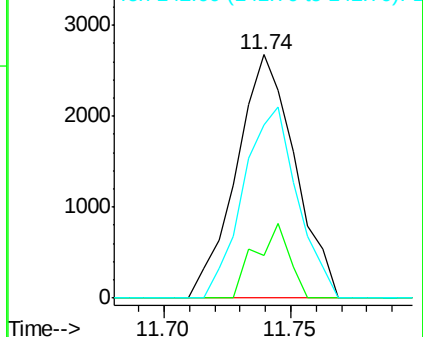
142 71.2 57.7 86.5

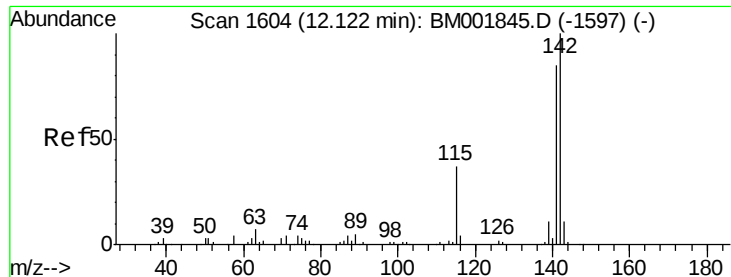


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

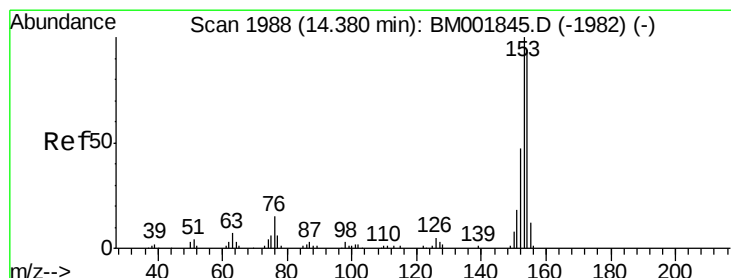
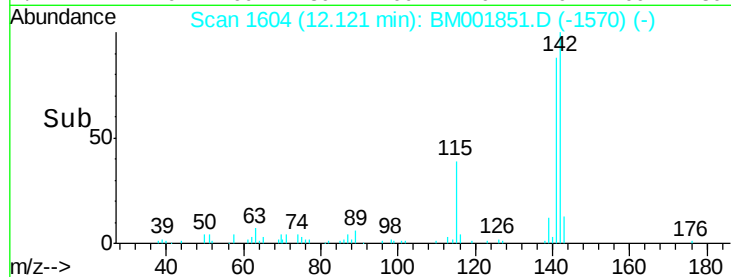
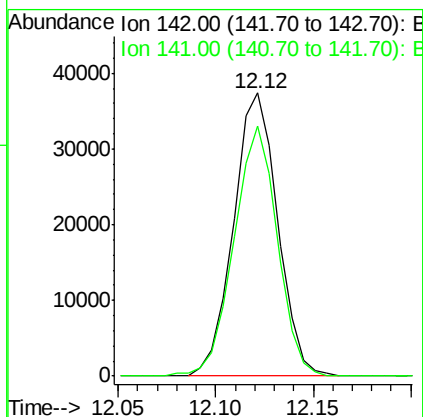
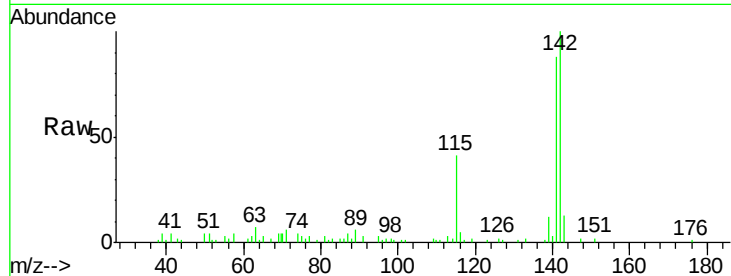




#34
 2-Methylnaphthalene
 Concen: 6.72 ng/ul
 RT: 12.12 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BM001851.D
 Acq: 07 Jul 2015 01:17

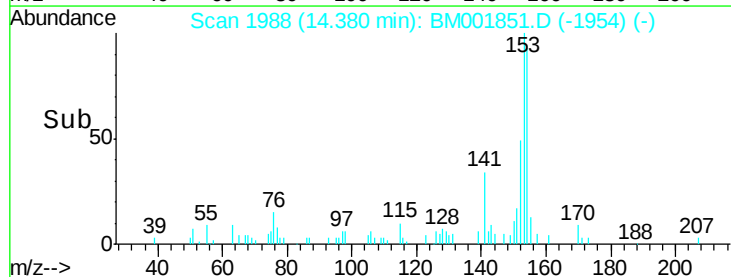
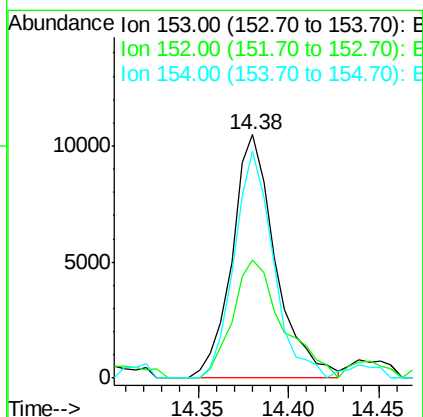
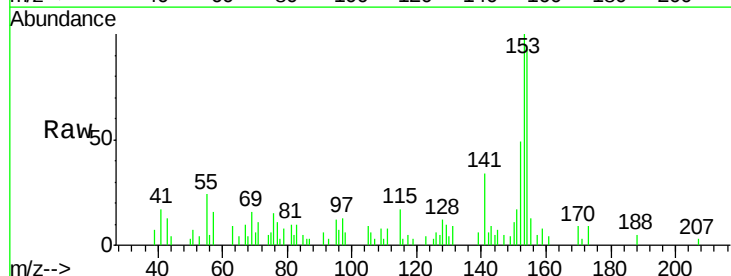
Instrument :
 BNA_M
 ClientSampleId :
 G93L3MSD

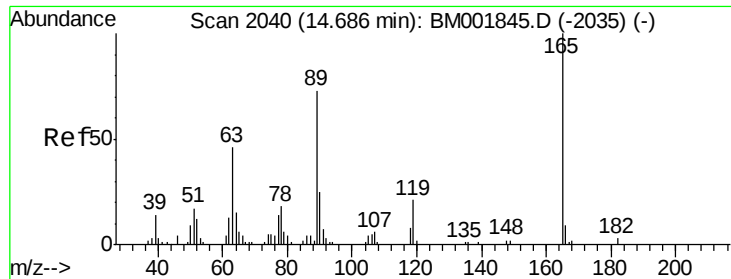
Tgt Ion:142 Resp: 58584
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.6 107.4



#49
 Acenaphthene
 Concen: 1.94 ng/ul
 RT: 14.38 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BM001851.D
 Acq: 07 Jul 2015 01:17

Tgt Ion:153 Resp: 17526
 Ion Ratio Lower Upper
 153 100
 152 48.7 36.6 55.0
 154 93.3 72.6 108.8





#54

2,4-Dinitrotoluene

Concen: 1.46 ng/ul

RT: 14.69 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

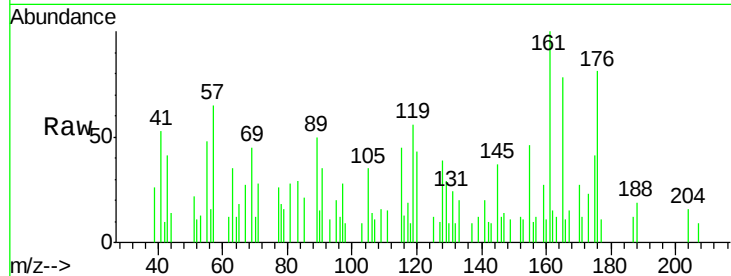
Tgt Ion:165 Resp: 4483

Ion Ratio Lower Upper

165 100

63 45.0 35.4 53.2

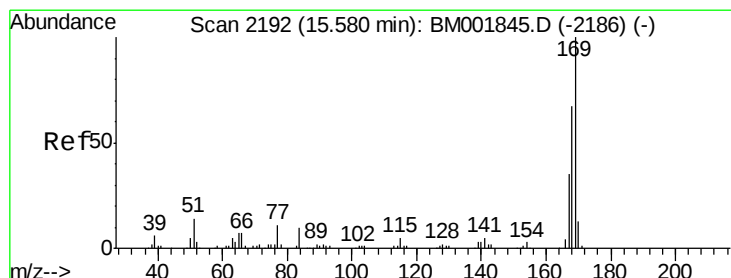
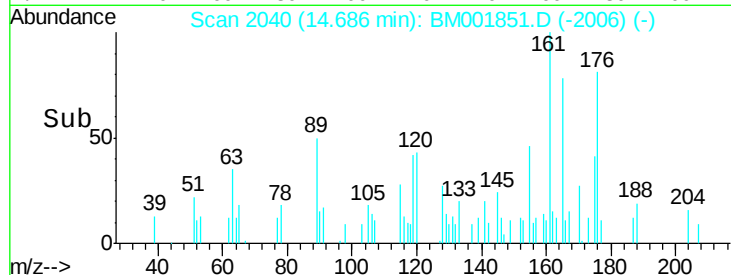
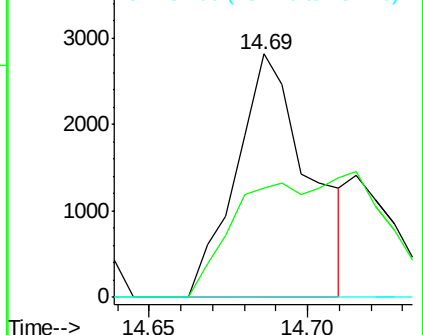
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#64

N-Nitrosodiphenylamine

Concen: 1.39 ng/ul

RT: 15.58 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

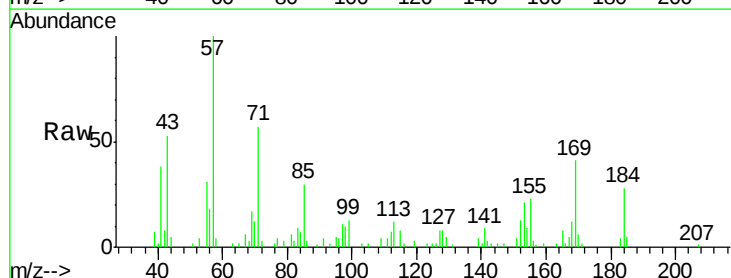
Tgt Ion:169 Resp: 12425

Ion Ratio Lower Upper

169 100

168 29.3 52.9 79.3#

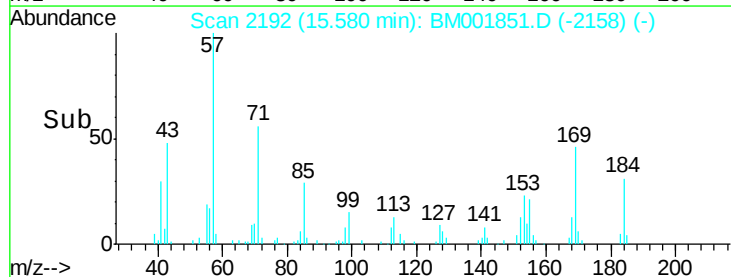
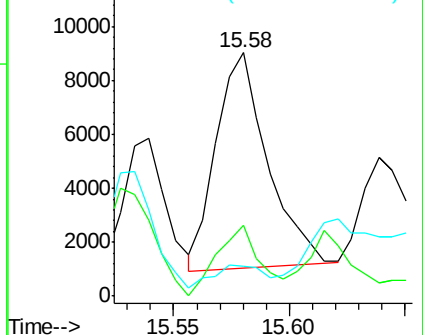
167 12.4 27.5 41.3#

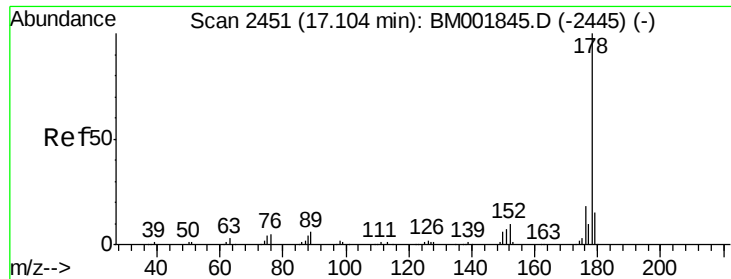


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

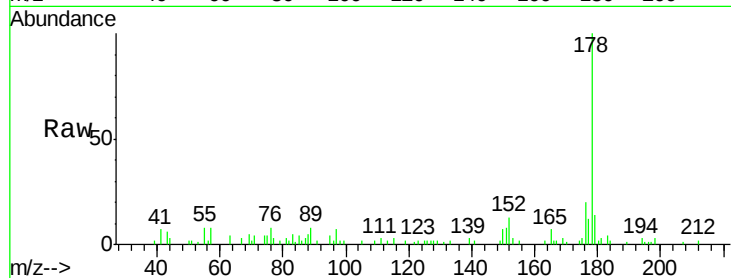




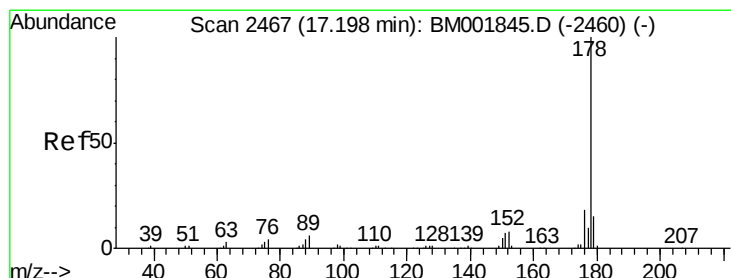
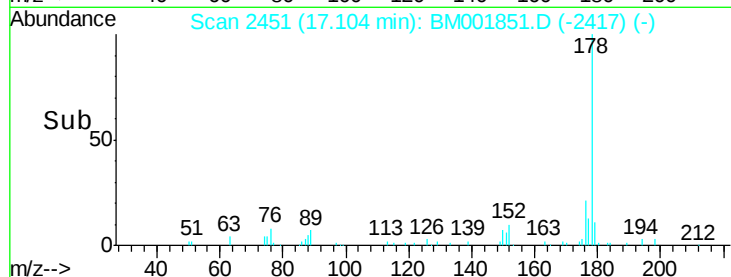
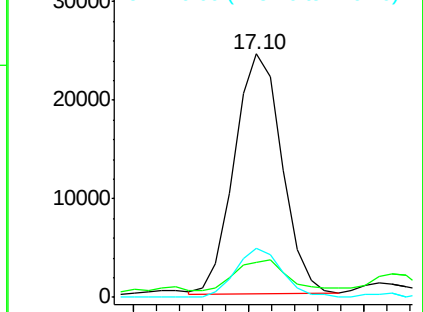
#69
 Phenanthrene
 Concen: 2.11 ng/ul
 RT: 17.10 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM001851.D
 Acq: 07 Jul 2015 01:17

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MSD

Tgt Ion:178 Resp: 35104
 Ion Ratio Lower Upper
 178 100
 179 14.1 11.9 17.9
 176 20.4 15.2 22.8

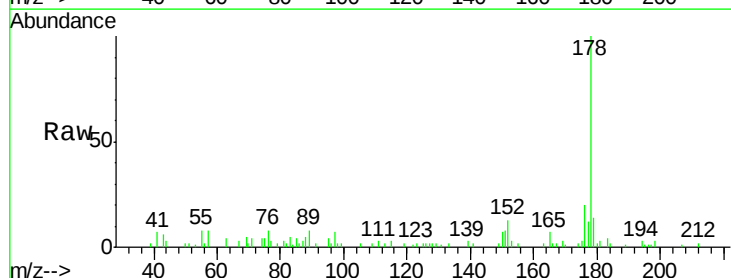


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

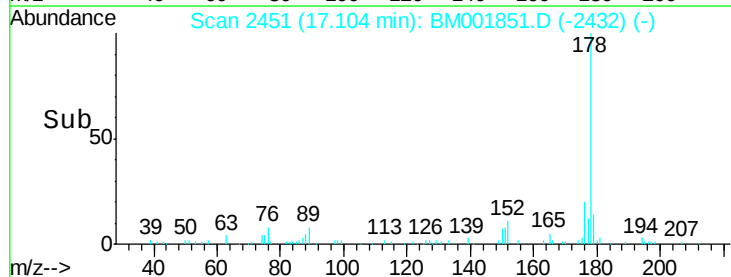
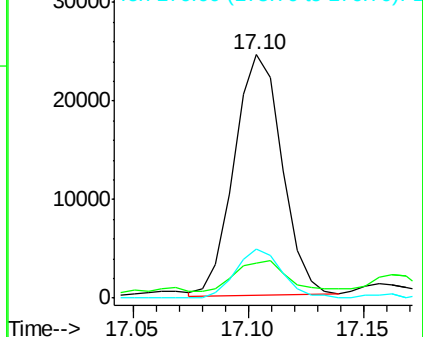


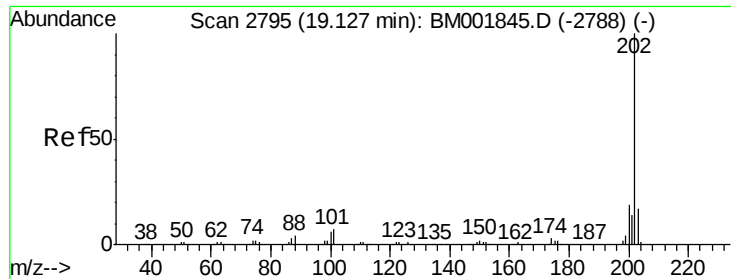
#71
 Anthracene
 Concen: 2.08 ng/ul
 RT: 17.10 min Scan# 2451
 Delta R.T. -0.09 min
 Lab File: BM001851.D
 Acq: 07 Jul 2015 01:17

Tgt Ion:178 Resp: 35389
 Ion Ratio Lower Upper
 178 100
 179 14.1 11.8 17.8
 176 20.4 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.04 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

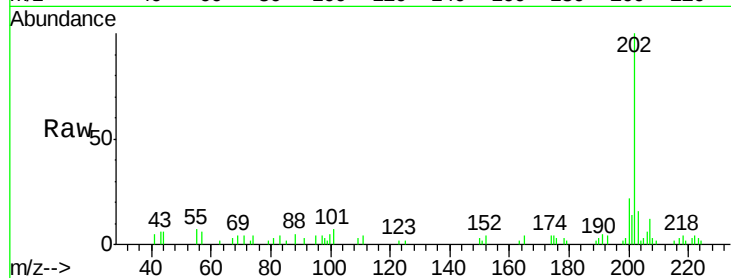
Tgt Ion:202 Resp: 20631

Ion Ratio Lower Upper

202 100

101 7.0 6.1 9.1

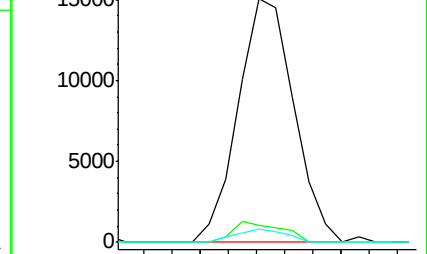
100 5.2 4.8 7.2



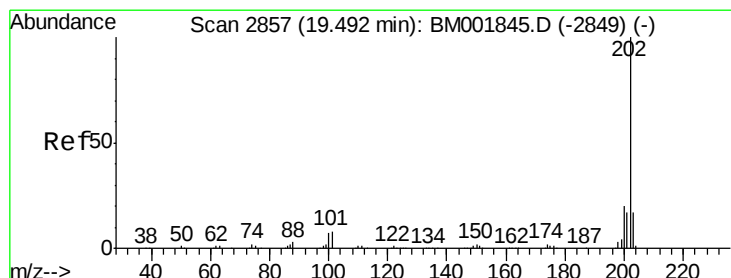
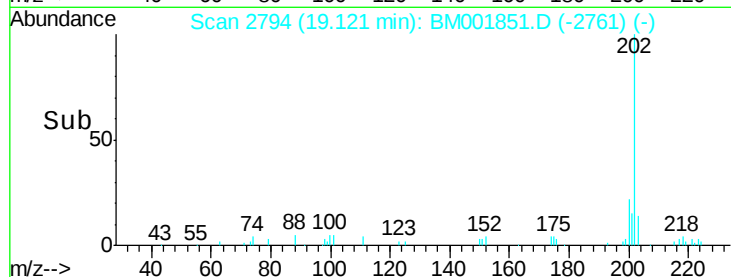
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 2.67 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001851.D

Acq: 07 Jul 2015 01:17

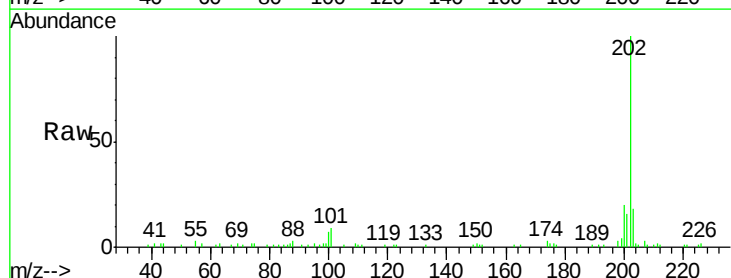
Tgt Ion:202 Resp: 55752

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

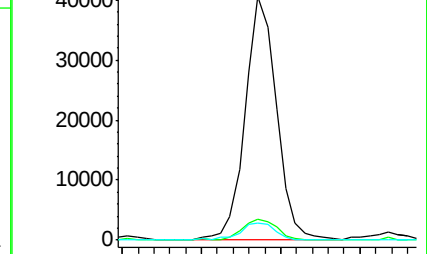
100 6.9 6.2 9.2



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



Time-->

