

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001850.D
 Acq On : 07 Jul 2015 00:41
 Operator : TP/UM
 Sample : G2861-08MS 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MS

Quant Time: Jul 07 07:10:04 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	62272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	233597	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	132917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	300480	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	362697	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	368267	20.00	ng/ul	0.00

System Monitoring Compounds

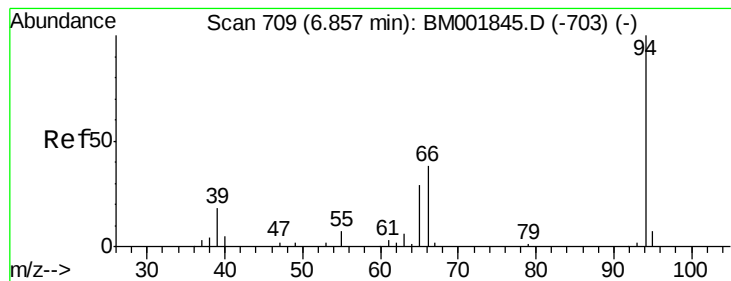
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	5246	1.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3229	1.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	4201	1.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	2897	0.75	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1669	1.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	1495	0.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	3888	1.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	13282	3.45	ng/ul	-0.03
43) Dimethylphthalate-d6	13.73	166	11503	1.17	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	14865	1.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	1415	0.78	ng/ul	0.01
57) Fluorene-d10	15.31	176	12172	1.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1106	0.60	ng/ul	0.00
70) Anthracene-d10	17.16	188	18026	1.29	ng/ul	0.00
78) Pyrene-d10	19.46	212	19726	1.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	19182	1.18	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.86	94	5243	1.06	ng/ul	92
10) 2-Chlorophenol	7.22	128	4585	1.17	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.46	70	3596	1.21	ng/ul#	96
17) Hexachloroethane	8.76	117	2518	1.60	ng/ul#	1
32) Caprolactam	11.47	113	3470	3.16	ng/ul#	72
34) 2-Methylnaphthalene	12.12	142	57487	6.74	ng/ul	97
49) Acenaphthene	14.38	153	17194	1.95	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	3642	1.22	ng/ul#	77
64) N-Nitrosodiphenylamine	15.58	169	12605	1.44	ng/ul#	50
69) Phenanthrene	17.10	178	32959	2.02	ng/ul	99
71) Anthracene	17.10	178	33177	1.98	ng/ul	97
79) Pyrene	19.49	202	49678	2.47	ng/ul	99

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

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Sample     : G2861-08MS 10X  
Misc      :  
ALS Vial   : 20      Sample Multiplier: 1
```



#6

Phenol

Concen: 1.06 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

Instrument :

BNA_M

ClientSampleId :

G93L3MS

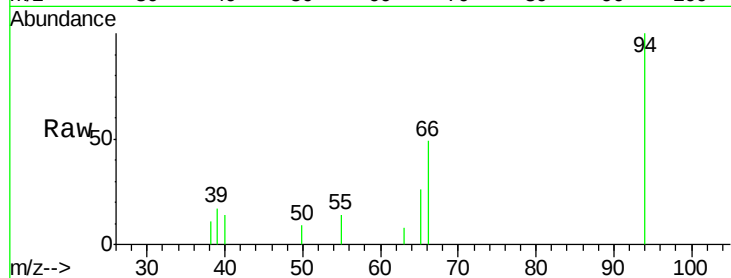
Tgt Ion: 94 Resp: 5243

Ion Ratio Lower Upper

94 100

65 26.4 26.1 39.1

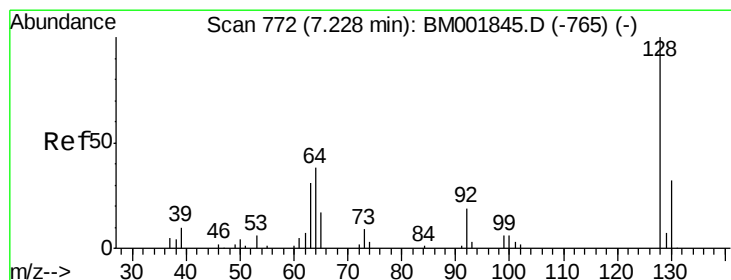
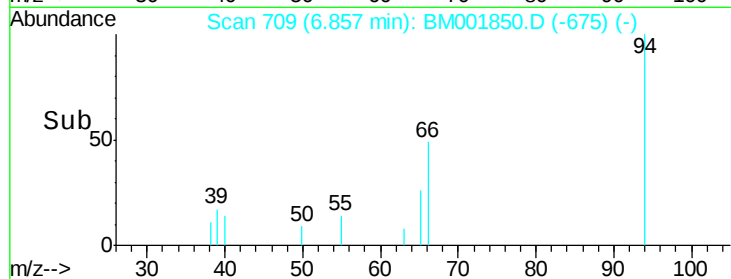
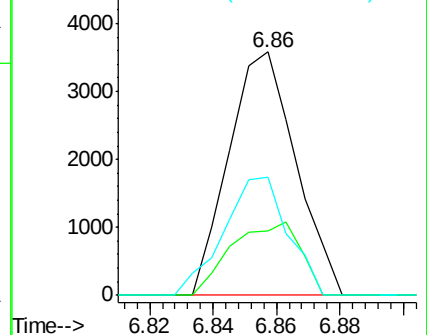
66 48.6 35.9 53.9



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: 1.17 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

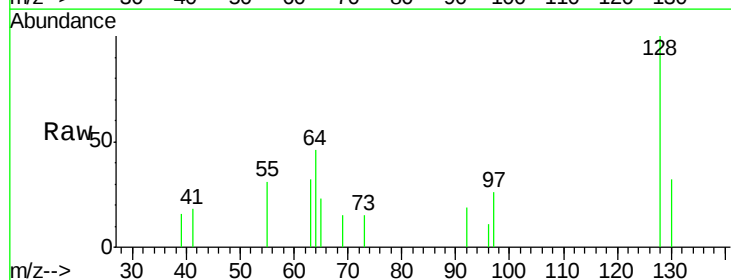
Tgt Ion: 128 Resp: 4585

Ion Ratio Lower Upper

128 100

64 46.5 37.4 56.2

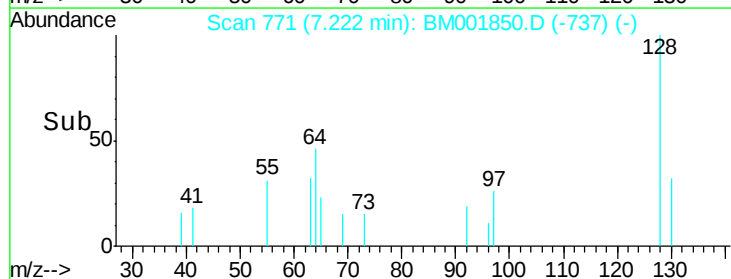
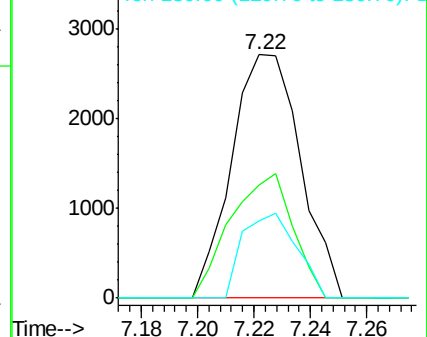
130 31.7 25.4 38.0

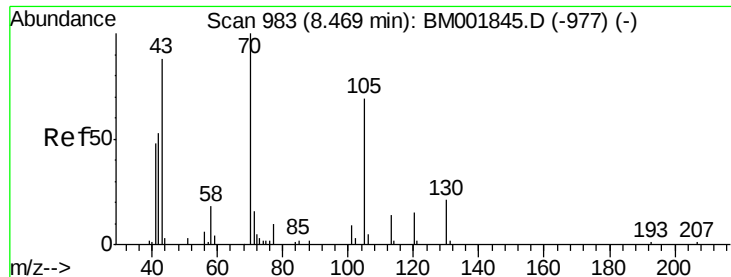


Abundance Ion 128.00 (127.70 to 128.70): BM001845.D (-765) (-)

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

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

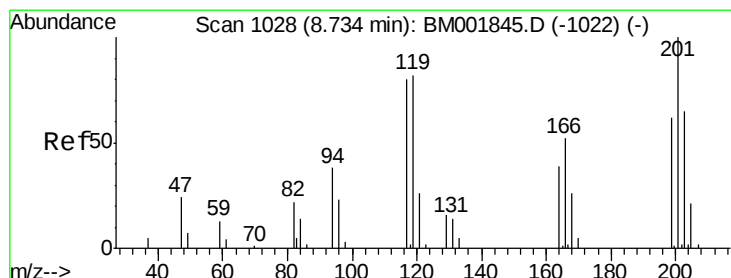
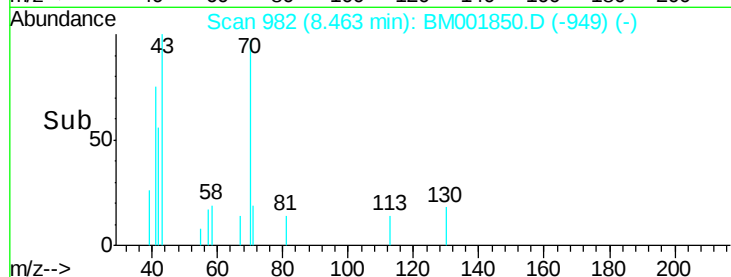
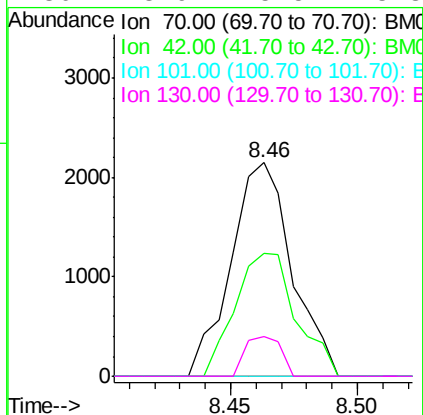
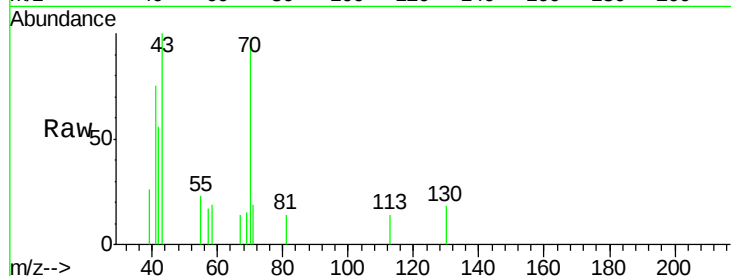




#15
N-Nitroso-di-n-propylamine
Concen: 1.21 ng/ul
RT: 8.46 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM001850.D
Acq: 07 Jul 2015 00:41

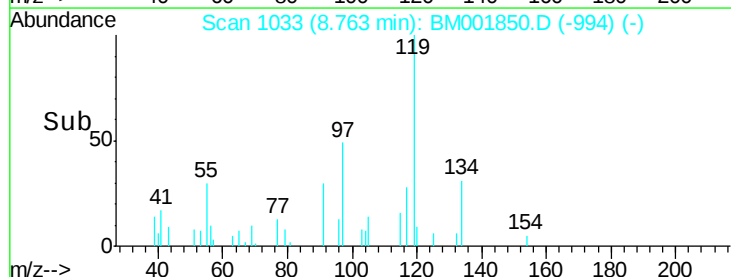
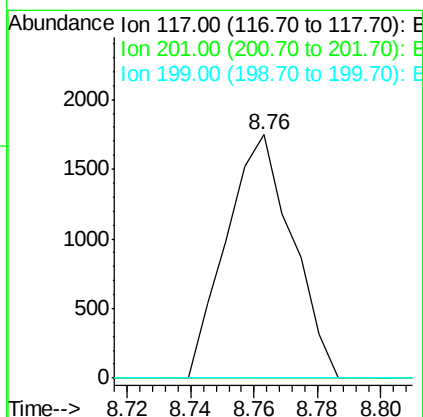
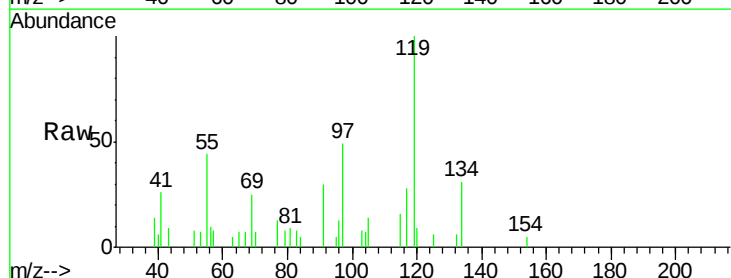
Instrument :
BNA_M
ClientSampleId :
G93L3MS

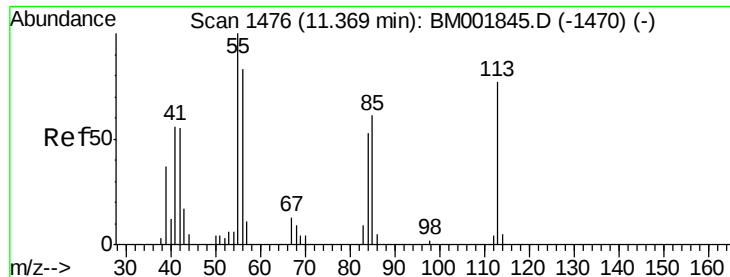
Tgt Ion:	70	Resp:	3596
Ion	Ratio	Lower	Upper
70	100		
42	57.8	45.2	67.8
101	0.0	7.8	11.6#
130	18.9	15.5	23.3



#17
Hexachloroethane
Concen: 1.60 ng/ul
RT: 8.76 min Scan# 1033
Delta R.T. 0.03 min
Lab File: BM001850.D
Acq: 07 Jul 2015 00:41

Tgt Ion:	117	Resp:	2518
Ion	Ratio	Lower	Upper
117	100		
201	0.0	92.1	138.1#
199	0.0	60.6	90.8#





#32

Caprolactam

Concen: 3.16 ng/ul

RT: 11.47 min Scan# 1493

Delta R.T. 0.10 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

Instrument :

BNA_M

ClientSampleId :

G93L3MS

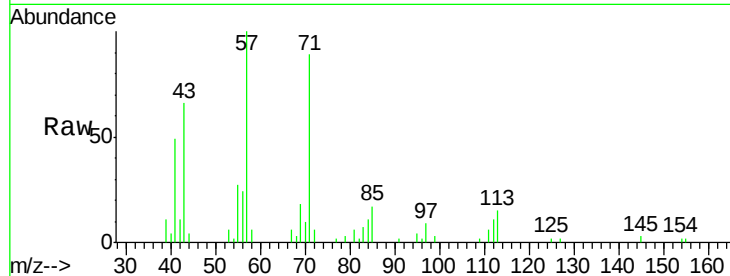
Tgt Ion:113 Resp: 3470

Ion Ratio Lower Upper

113 100

55 184.5 123.3 184.9

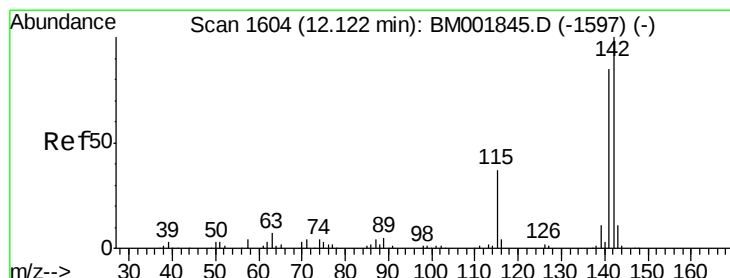
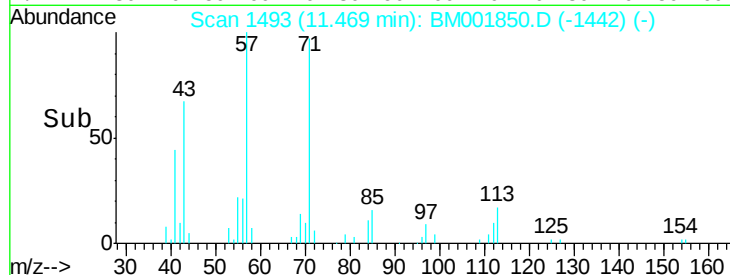
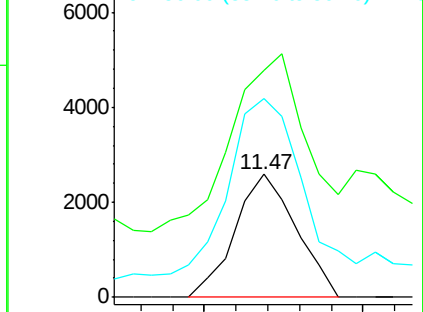
56 161.8 98.6 147.8#



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



#34

2-Methylnaphthalene

Concen: 6.74 ng/ul

RT: 12.12 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM001850.D

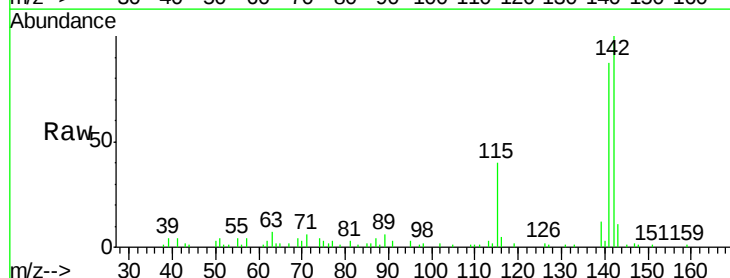
Acq: 07 Jul 2015 00:41

Tgt Ion:142 Resp: 57487

Ion Ratio Lower Upper

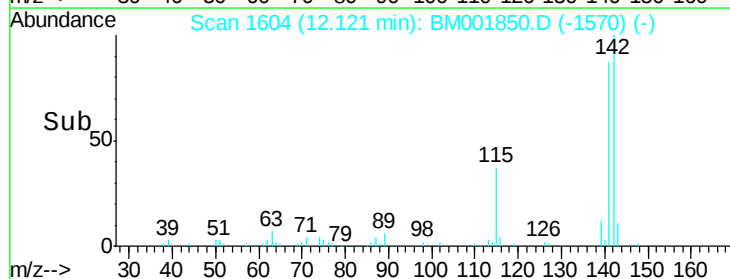
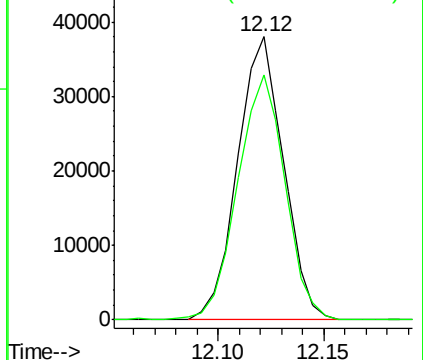
142 100

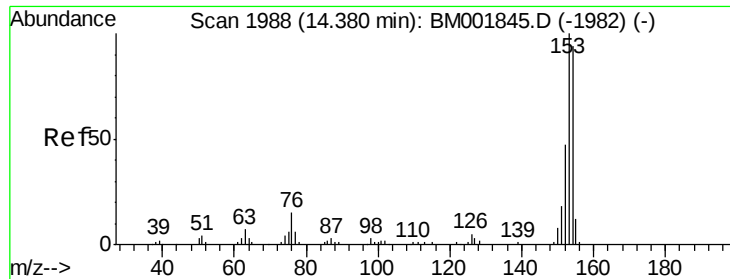
141 86.5 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 1.95 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

Instrument :

BNA_M

ClientSampleId :

G93L3MS

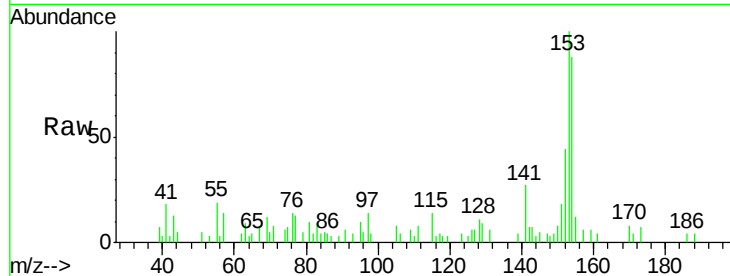
Tgt Ion:153 Resp: 17194

Ion Ratio Lower Upper

153 100

152 44.2 36.6 55.0

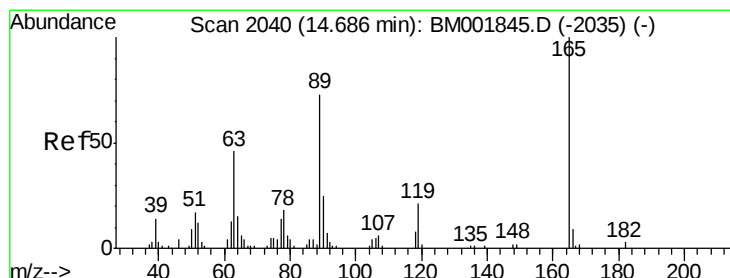
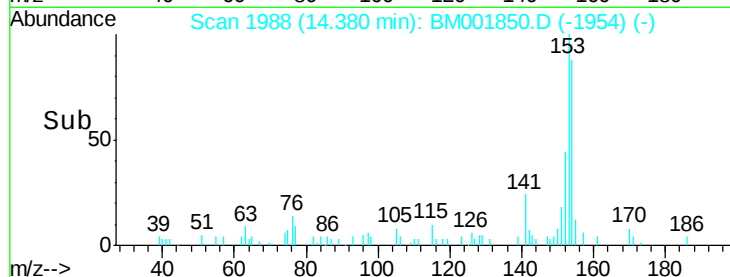
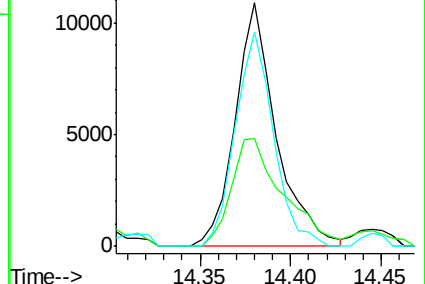
154 88.0 72.6 108.8



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



#54

2,4-Dinitrotoluene

Concen: 1.22 ng/ul

RT: 14.69 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

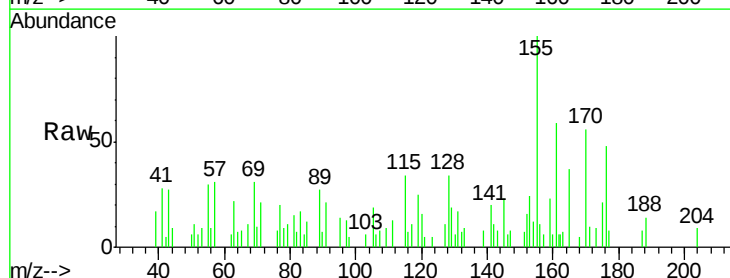
Tgt Ion:165 Resp: 3642

Ion Ratio Lower Upper

165 100

63 59.8 35.4 53.2#

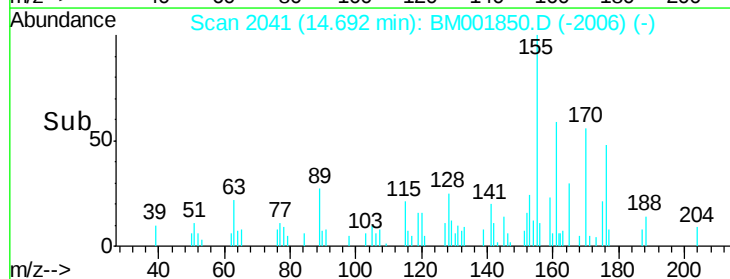
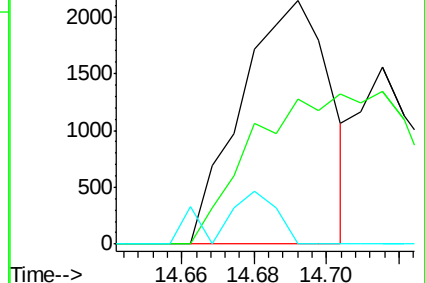
182 0.0 2.1 3.1#

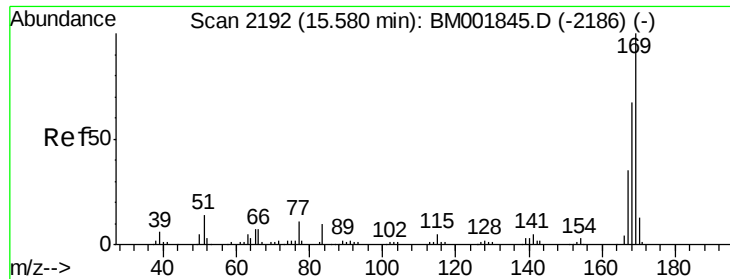


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#64

N-Nitrosodiphenylamine

Concen: 1.44 ng/ul

RT: 15.58 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

Instrument :

BNA_M

ClientSampleId :

G93L3MS

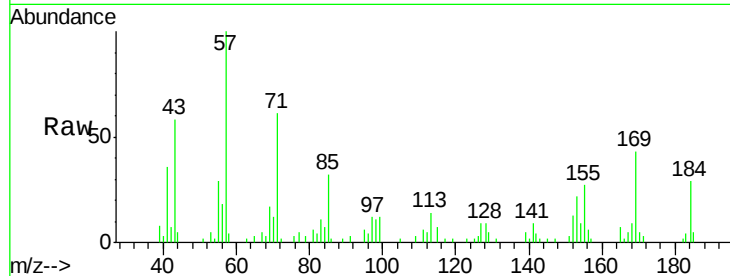
Tgt Ion:169 Resp: 12605

Ion Ratio Lower Upper

169 100

168 21.4 52.9 79.3#

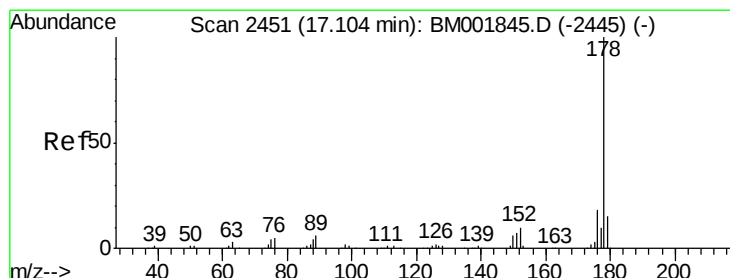
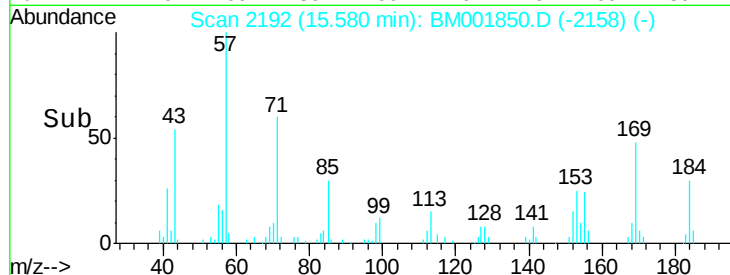
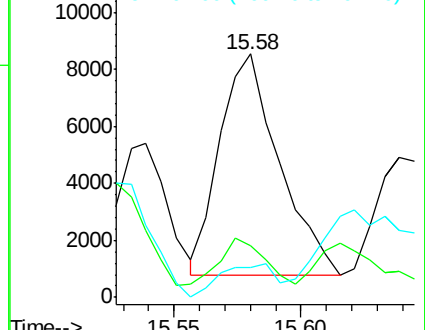
167 12.4 27.5 41.3#



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: 2.02 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001850.D

Acq: 07 Jul 2015 00:41

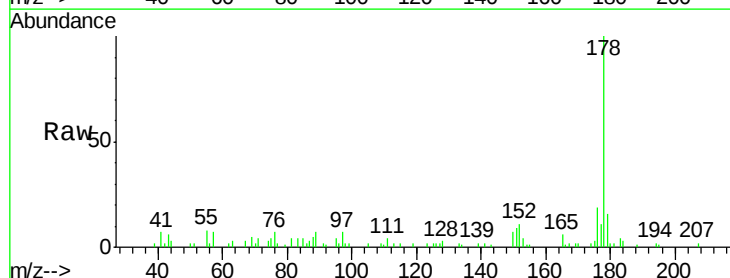
Tgt Ion:178 Resp: 32959

Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

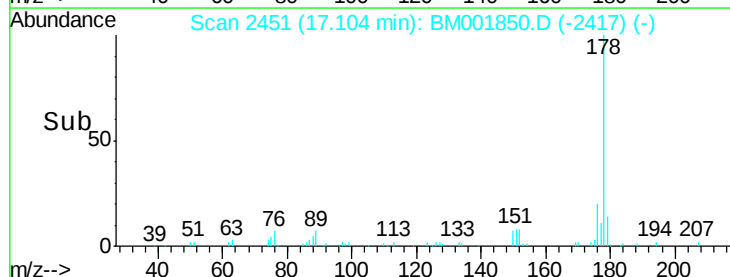
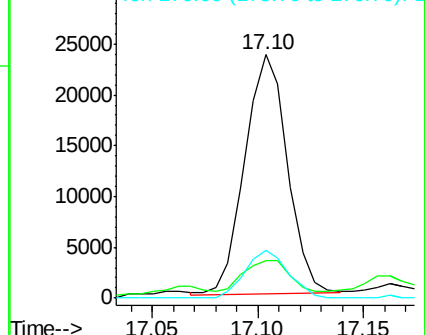
176 19.4 15.2 22.8

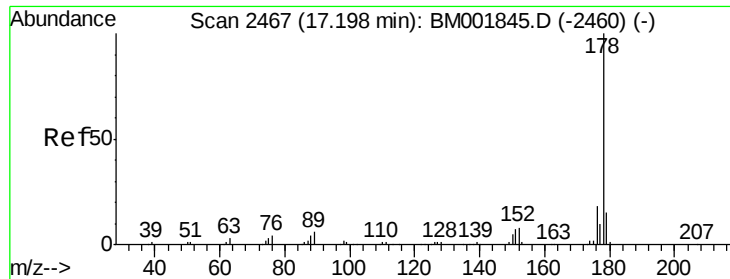


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

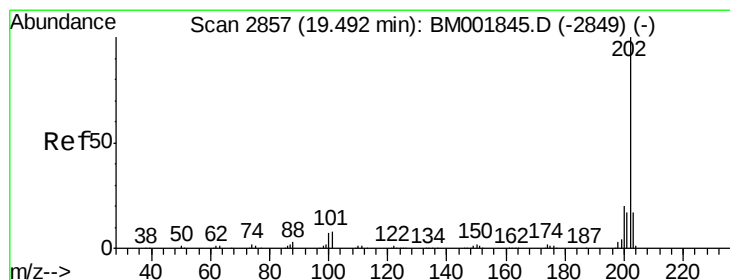
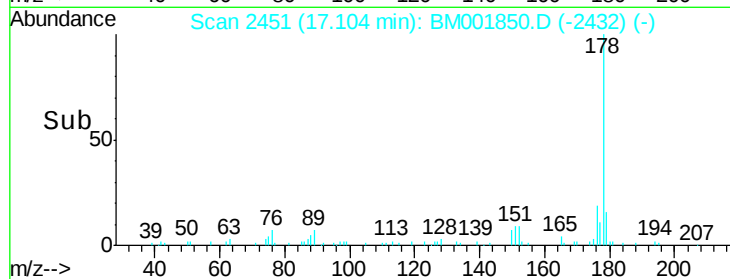
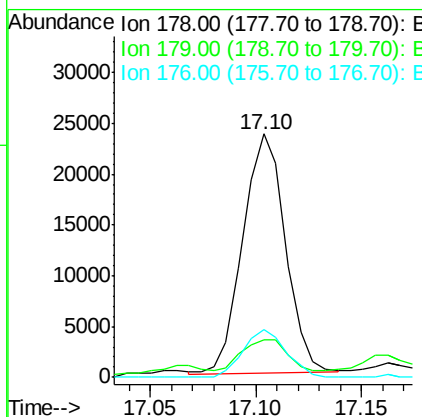
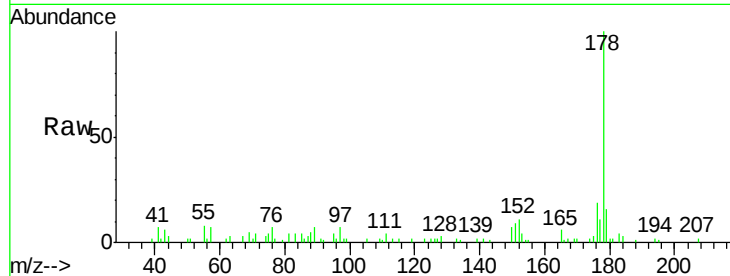




#71
 Anthracene
 Concen: 1.98 ng/ul
 RT: 17.10 min Scan# 2451
 Delta R.T. -0.09 min
 Lab File: BM001850.D
 Acq: 07 Jul 2015 00:41

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MS

Tgt Ion:178 Resp: 33177
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.8 17.8
 176 19.4 14.4 21.6



#79
 Pyrene
 Concen: 2.47 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM001850.D
 Acq: 07 Jul 2015 00:41

Tgt Ion:202 Resp: 49678
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.9 10.3
 100 7.0 6.2 9.2

