

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001863.D
 Acq On : 07 Jul 2015 11:54
 Operator : TP/UM
 Sample : G2861-09MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MSD

Quant Time: Jul 08 02:18:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 02:11:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	60613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	230774	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	135003	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.07	188	288414	20.00	ng/ul	0.01
77) Chrysene-d12	21.26	240	347934	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	360705	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2540	2.00	ng/uL	0.00
5) Phenol-d5	6.83	99	58710	12.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	33978	13.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	49356	13.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	39069	10.45	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	24742	15.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	24747	14.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	50340	13.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	133341	35.05	ng/ul	-0.02
43) Dimethylphthalate-d6	13.73	166	131246	13.11	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	178347	13.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	25438	13.77	ng/ul	0.00
57) Fluorene-d10	15.32	176	127878	13.77	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.45	200	10192	5.78	ng/ul	0.01
70) Anthracene-d10	17.17	188	192446	14.32	ng/ul	0.00
78) Pyrene-d10	19.47	212	219322	14.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	223085	14.03	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	10000	6.89	ng/uL#	1
6) Phenol	6.86	94	60794	12.65	ng/ul	96
10) 2-Chlorophenol	7.23	128	48817	12.81	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	38194	13.18	ng/ul	98
17) Hexachloroethane	8.76	117	25511	16.67	ng/ul#	1
20) Nitrobenzene	8.85	77	6274	1.45	ng/ul#	41
21) Isophorone	9.37	82	18820	2.60	ng/ul#	1
23) 2-Nitrophenol	9.58	139	2778	1.45	ng/ul#	1
24) 2,4-Dimethylphenol	9.66	107	5798	1.31	ng/ul#	66
28) Naphthalene	10.51	128	24262	2.08	ng/ul#	55
32) Caprolactam	11.38	113	1920	1.77	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.75	107	48204	12.49	ng/ul	92
34) 2-Methylnaphthalene	12.13	142	620323	73.61	ng/ul	98
44) Dimethylphthalate	13.78	163	44779	4.09	ng/ul#	96
47) Acenaphthylene	14.04	152	45137	3.37	ng/ul#	35
49) Acenaphthene	14.39	153	179799	20.11	ng/ul	97
52) 4-Nitrophenol	14.54	109	23504	12.32	ng/ul#	64
53) Dibenzofuran	14.64	168	13531	1.06	ng/ul	93
54) 2,4-Dinitrotoluene	14.70	165	63642	20.98	ng/ul#	81
58) Fluorene	15.37	166	86830	8.15	ng/ul#	87
64) N-Nitrosodiphenylamine	15.59	169	136406	16.19	ng/ul#	53
68) Pentachlorophenol	16.72	266	20906	9.44	ng/ul	97
69) Phenanthrene	17.12	178	366759	23.45	ng/ul	97

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001863.D
 Acq On : 07 Jul 2015 11:54
 Operator : TP/UM
 Sample : G2861-09MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MSD

Quant Time: Jul 08 02:18:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 02:11:29 2015
 Response via : Initial Calibration

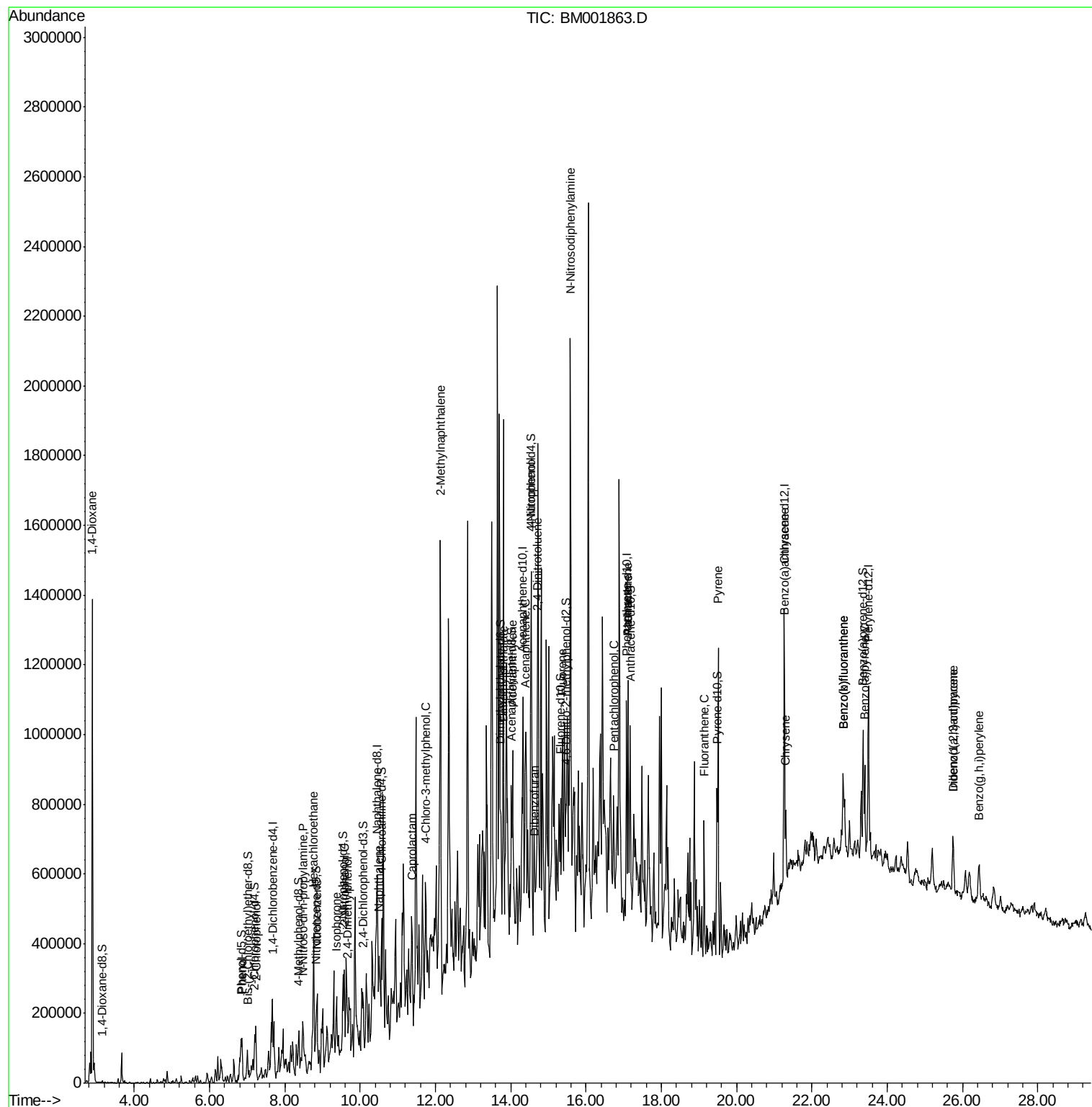
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.12	178	369845	23.03	ng/ul	96
76) Fluoranthene	19.13	202	213489	11.41	ng/ul	98
79) Pyrene	19.50	202	564662	29.25	ng/ul	99
82) Benzo(a)anthracene	21.25	228	133321	6.56	ng/ul#	91
84) Chrysene	21.30	228	134234	6.97	ng/ul#	93
87) Benzo(b)fluoranthene	22.83	252	212720	10.13	ng/ul#	93
88) Benzo(k)fluoranthene	22.83	252	54274	2.67	ng/ul#	92
90) Benzo(a)pyrene	23.40	252	162334	7.95	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.74	276	146207	6.04	ng/ul	96
92) Dibenzo(a,h)anthracene	25.75	278	34867	1.71	ng/ul#	70
93) Benzo(g,h,i)perylene	26.43	276	137138	6.73	ng/ul	95

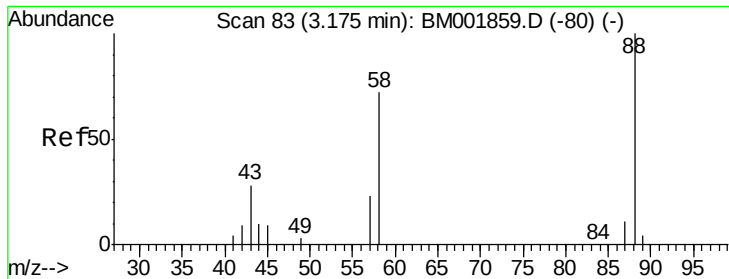
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001863.D
Acq On : 07 Jul 2015 11:54
Operator : TP/UM
Sample : G2861-09MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93L3MSD

Quant Time: Jul 08 02:18:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.89 ng/uL

RT: 2.89 min Scan# 34

Delta R.T. -0.29 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

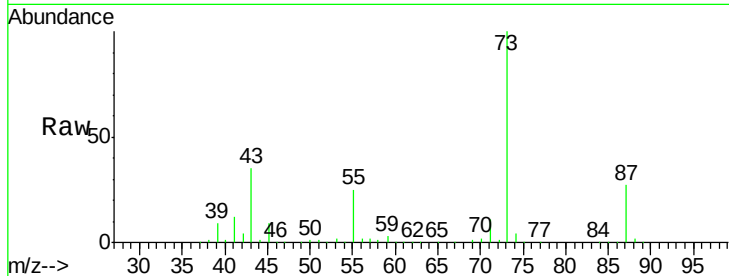
Tgt Ion: 88 Resp: 10000

Ion Ratio Lower Upper

88 100

43 2396.5 24.2 36.4#

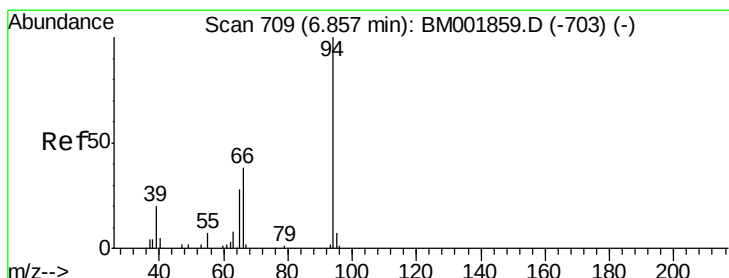
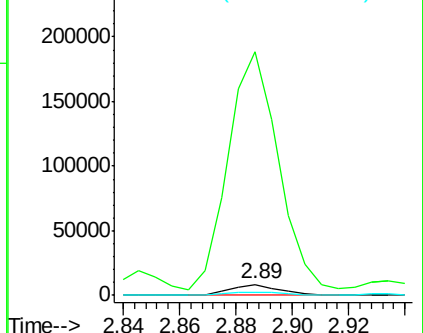
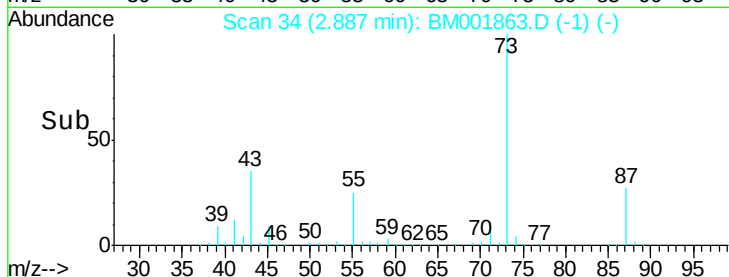
58 31.5 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001859.D (-80) (-)

Ion 43.00 (42.70 to 43.70): BM001859.D (-80) (-)

Ion 58.00 (57.70 to 58.70): BM001859.D (-80) (-)



#6

Phenol

Concen: 12.65 ng/uL

RT: 6.86 min Scan# 710

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

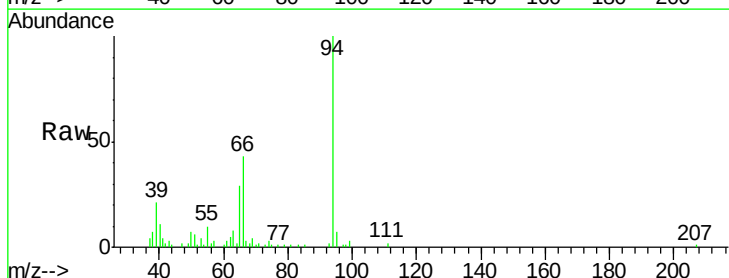
Tgt Ion: 94 Resp: 60794

Ion Ratio Lower Upper

94 100

65 29.4 26.1 39.1

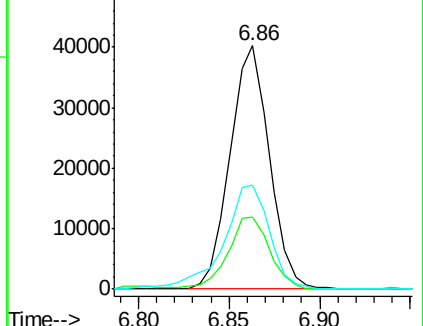
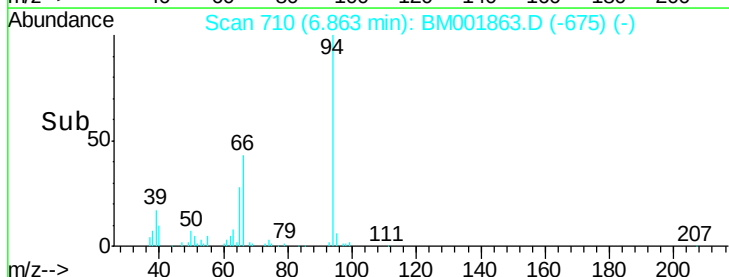
66 42.7 35.9 53.9

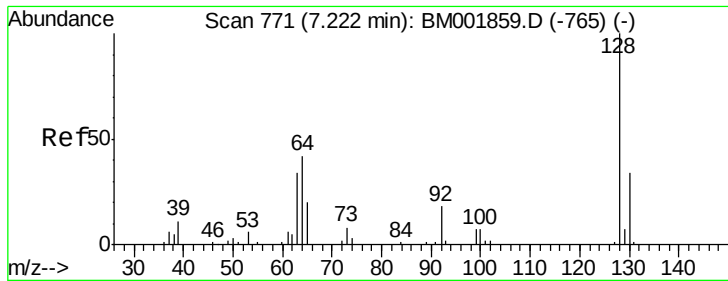


Abundance Ion 94.00 (93.70 to 94.70): BM001859.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BM001859.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BM001859.D (-703) (-)

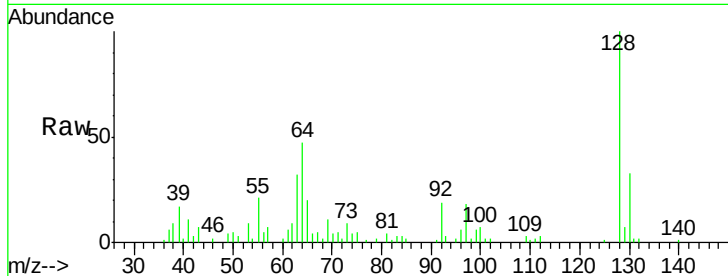




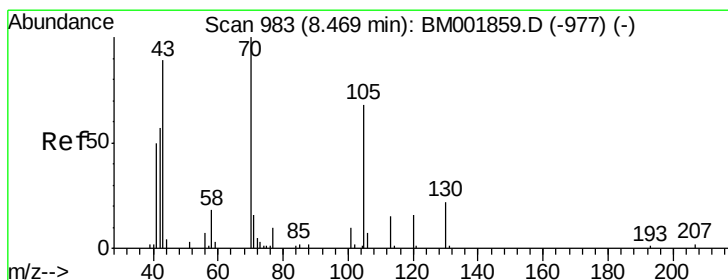
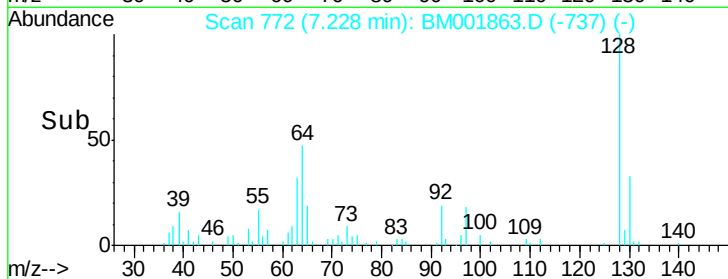
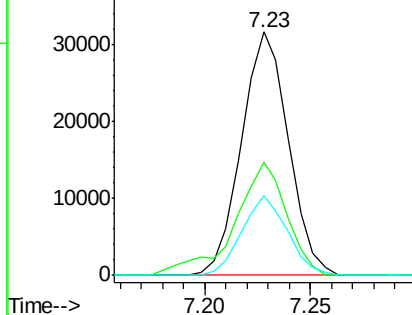
#10
 2-Chlorophenol
 Concen: 12.81 ng/ul
 RT: 7.23 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BM001863.D
 Acq: 07 Jul 2015 11:54

Instrument :
 BNA_M
 ClientSampleId :
 G93L3MSD

Tgt Ion: 128 Resp: 48817
 Ion Ratio Lower Upper
 128 100
 64 46.6 37.4 56.2
 130 32.8 25.4 38.0

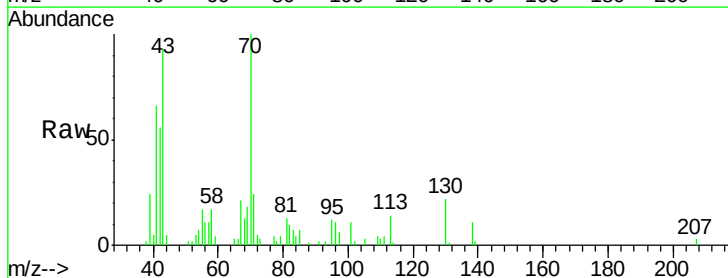


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BM001859.D (-765) (-)
 Ion 130.00 (129.70 to 130.70): E

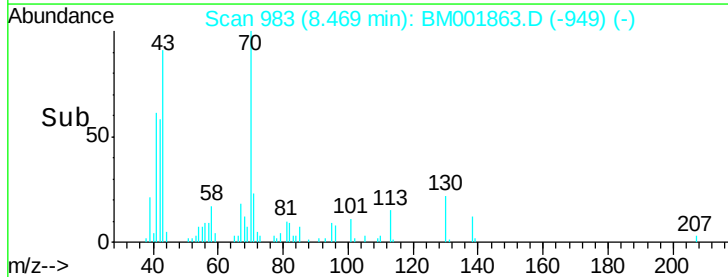
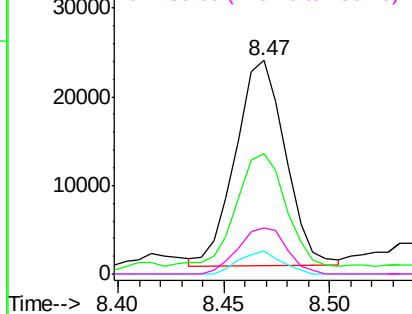


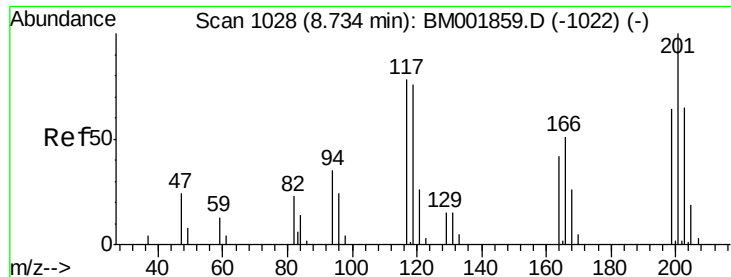
#15
 N-Nitroso-di-n-propylamine
 Concen: 13.18 ng/ul
 RT: 8.47 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BM001863.D
 Acq: 07 Jul 2015 11:54

Tgt Ion: 70 Resp: 38194
 Ion Ratio Lower Upper
 70 100
 42 56.3 45.2 67.8
 101 10.8 7.8 11.6
 130 21.6 15.5 23.3



Abundance Ion 70.00 (69.70 to 70.70): BM001859.D (-977) (-)
 Ion 42.00 (41.70 to 42.70): BM001859.D (-977) (-)
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

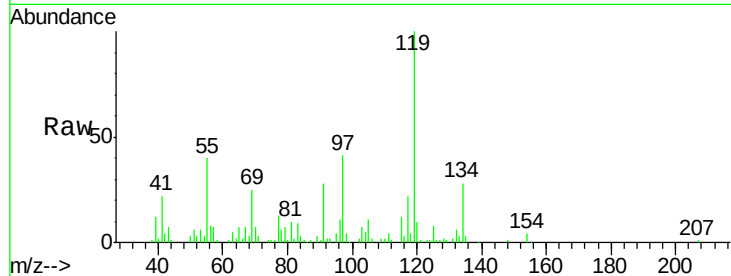




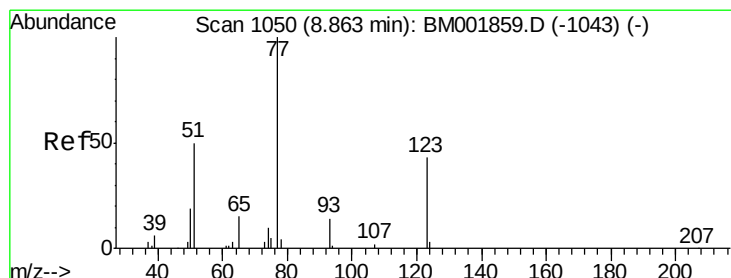
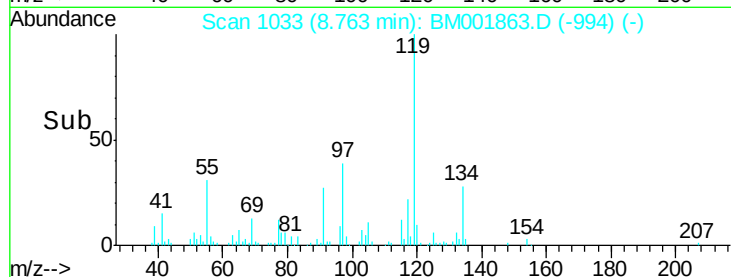
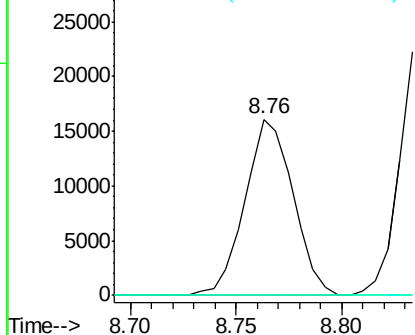
#17
Hexachloroethane
Concen: 16.67 ng/ul
RT: 8.76 min Scan# 1033
Delta R.T. 0.03 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Instrument :
BNA_M
ClientSampleId :
G93L3MSD

Tgt Ion: 117 Resp: 25511
Ion Ratio Lower Upper
117 100
201 0.0 92.1 138.1#
199 0.0 60.6 90.8#

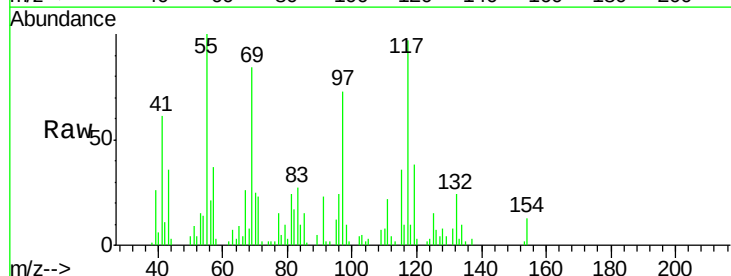


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

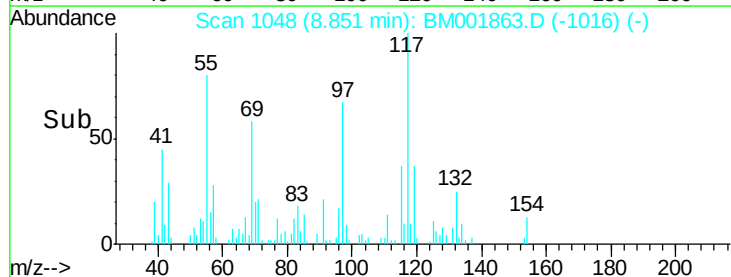
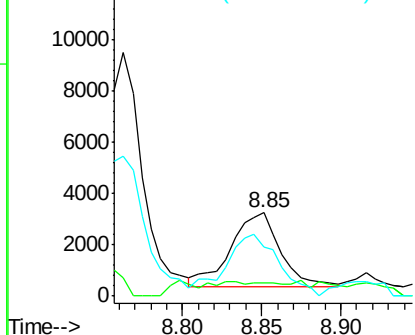


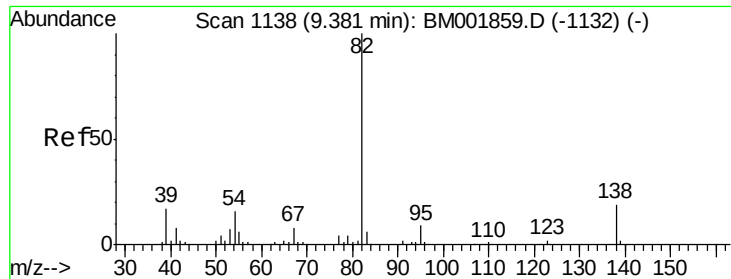
#20
Nitrobenzene
Concen: 1.45 ng/ul
RT: 8.85 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion: 77 Resp: 6274
Ion Ratio Lower Upper
77 100
123 16.1 34.0 51.0#
65 59.4 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM

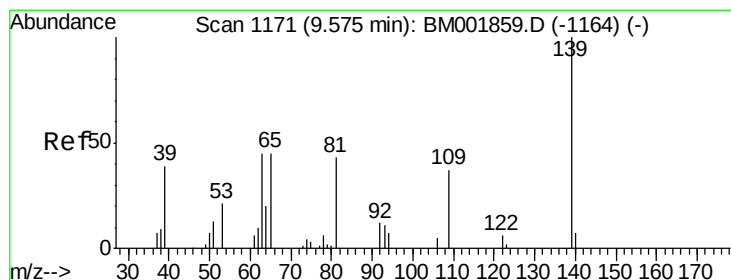
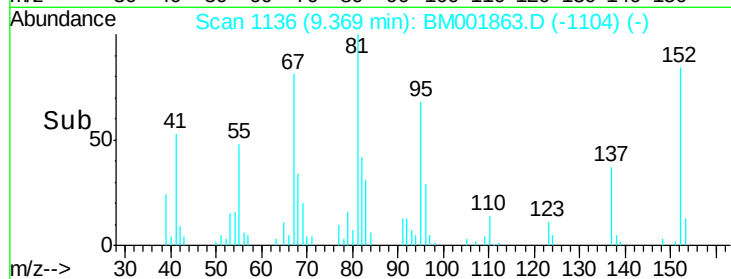
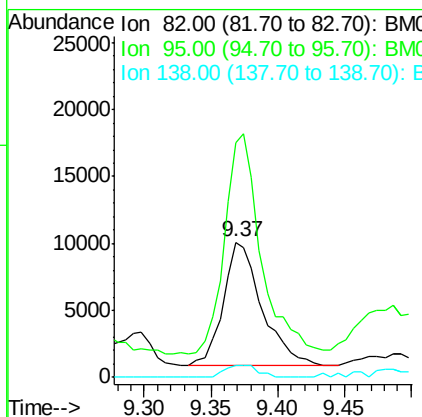
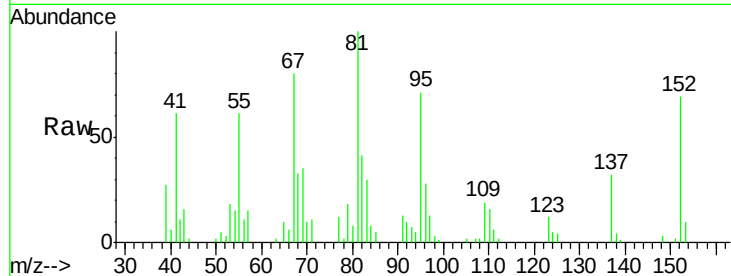




#21
Isophorone
Concen: 2.60 ng/ul
RT: 9.37 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

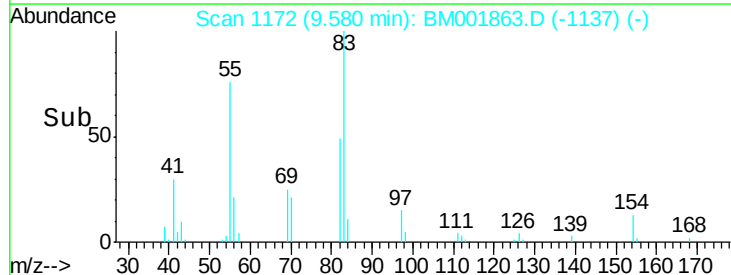
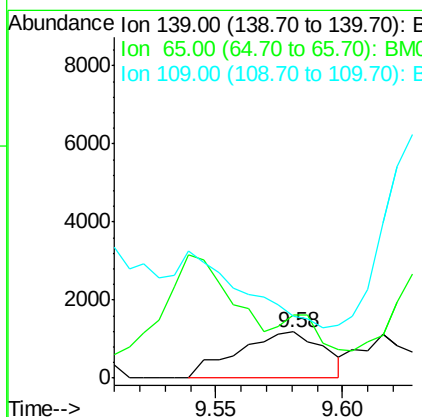
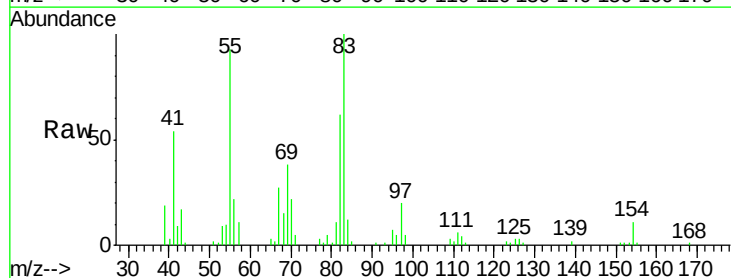
Instrument :
BNA_M
ClientSampleId :
G93L3MSD

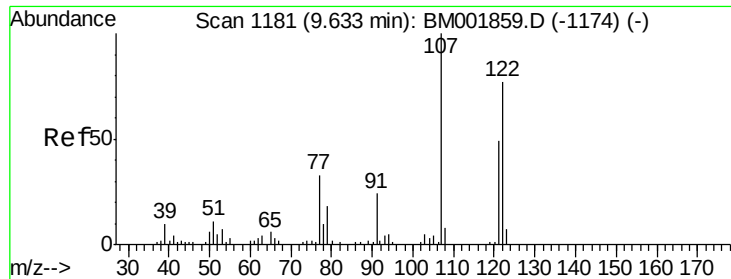
Tgt Ion: 82 Resp: 18820
Ion Ratio Lower Upper
82 100
95 173.7 6.3 9.5#
138 9.3 14.9 22.3#



#23
2-Nitrophenol
Concen: 1.45 ng/ul
RT: 9.58 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion: 139 Resp: 2778
Ion Ratio Lower Upper
139 100
65 136.2 45.4 68.0#
109 135.6 31.6 47.4#

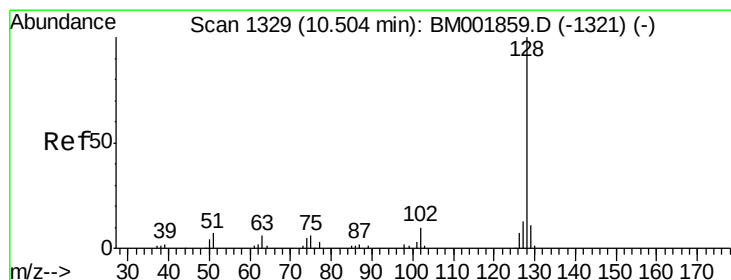
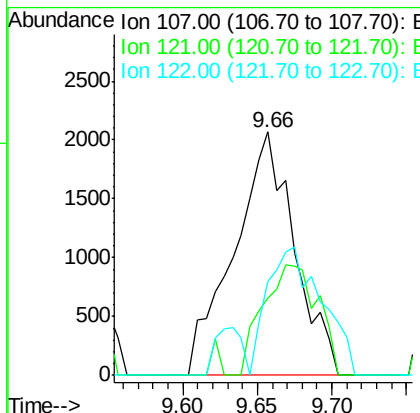
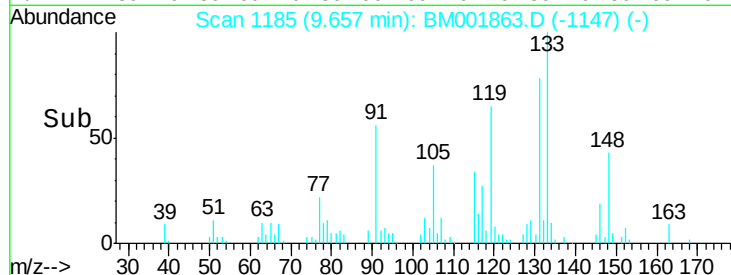
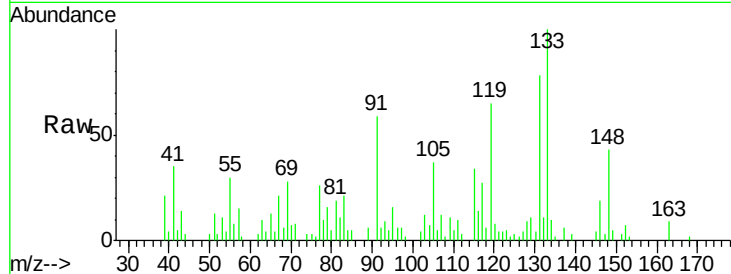




#24
2,4-Dimethylphenol
Concen: 1.31 ng/ul
RT: 9.66 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

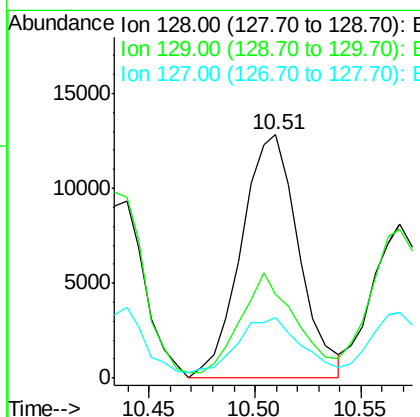
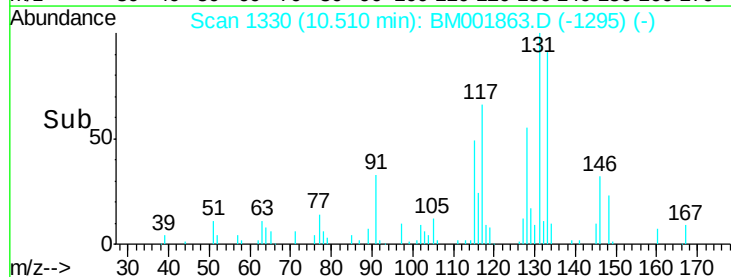
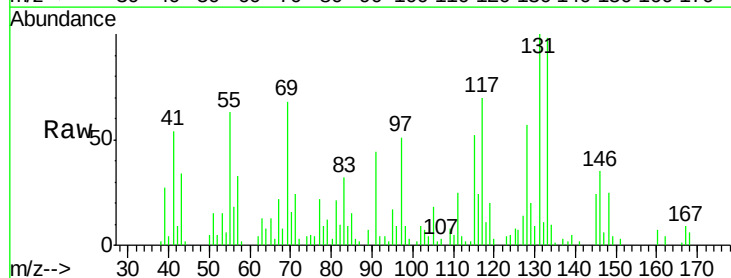
Instrument :
BNA_M
ClientSampleId :
G93L3MSD

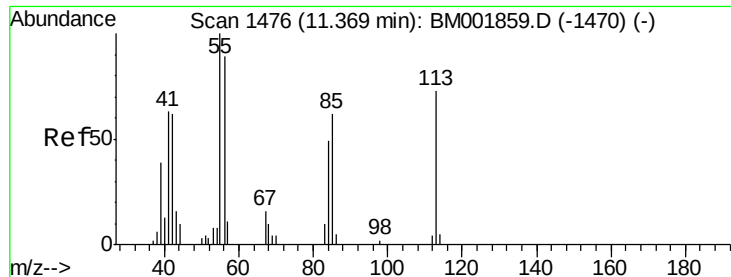
Tgt Ion:107 Resp: 5798
Ion Ratio Lower Upper
107 100
121 31.8 37.4 56.2#
122 38.5 59.2 88.8#



#28
Naphthalene
Concen: 2.08 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion:128 Resp: 24262
Ion Ratio Lower Upper
128 100
129 34.3 8.7 13.1#
127 24.6 10.0 15.0#





#32

Caprolactam

Concen: 1.77 ng/ul

RT: 11.38 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

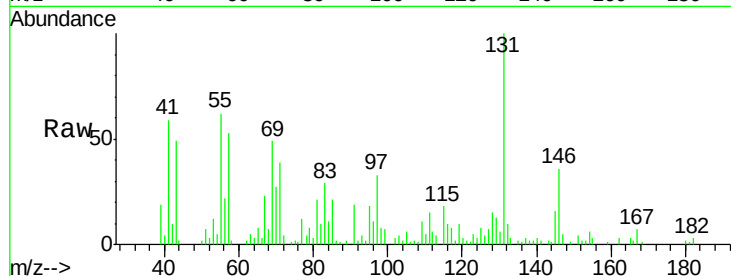
Tgt Ion:113 Resp: 1920

Ion Ratio Lower Upper

113 100

55 1422.9 123.3 184.9#

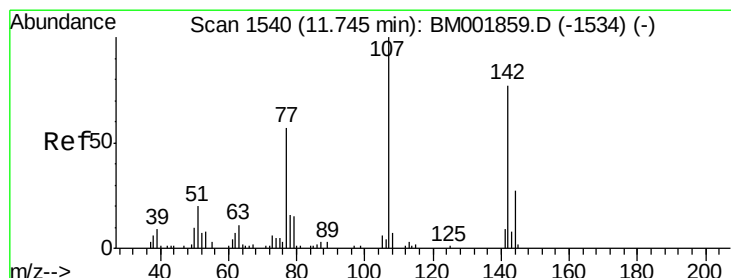
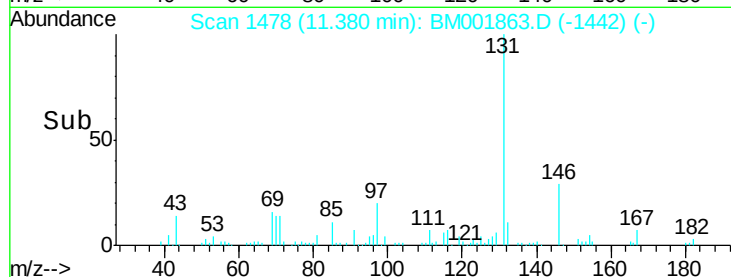
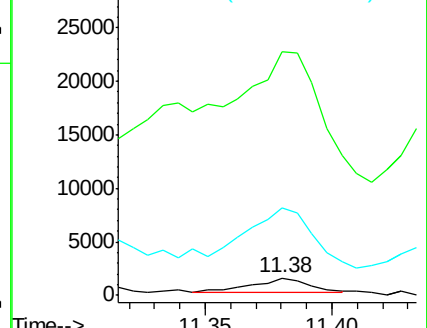
56 513.9 98.6 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM001859.D (-1470) (-)

Ion 56.00 (55.70 to 56.70): BM001859.D (-1470) (-)



#33

4-Chloro-3-methylphenol

Concen: 12.49 ng/ul

RT: 11.75 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

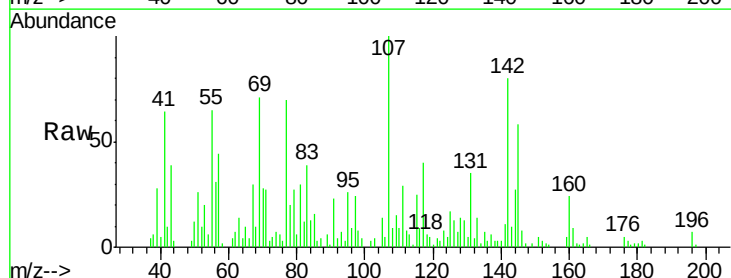
Tgt Ion:107 Resp: 48204

Ion Ratio Lower Upper

107 100

144 27.0 20.2 30.4

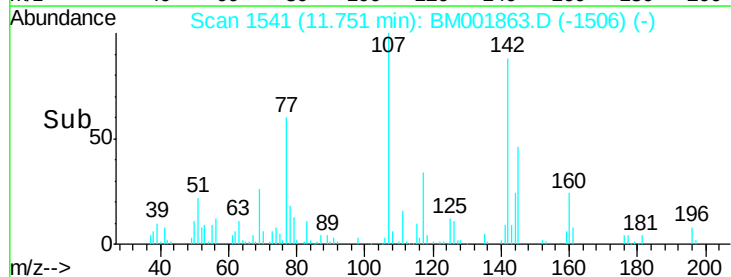
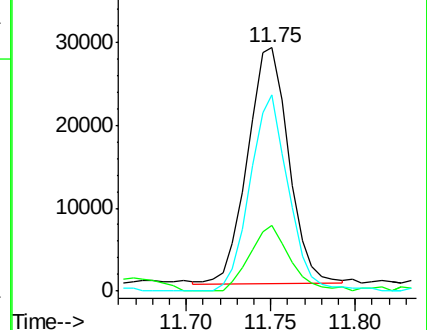
142 80.4 57.7 86.5

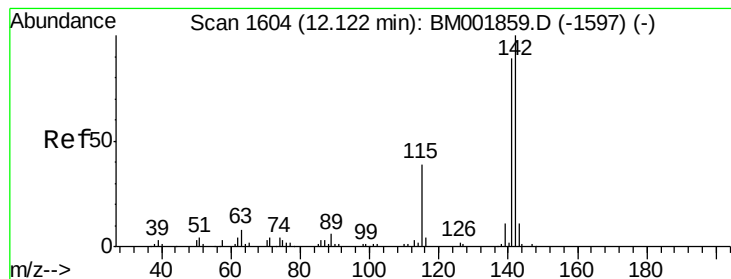


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BM001859.D (-1534) (-)

Ion 142.00 (141.70 to 142.70): BM001859.D (-1534) (-)





#34

2-Methylnaphthalene

Concen: 73.61 ng/ul

RT: 12.13 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

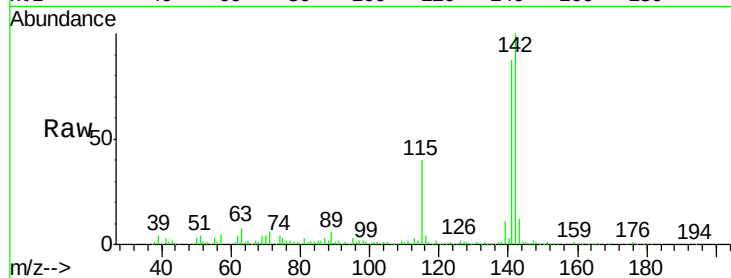
G93L3MSD

Tgt Ion:142 Resp: 620323

Ion Ratio Lower Upper

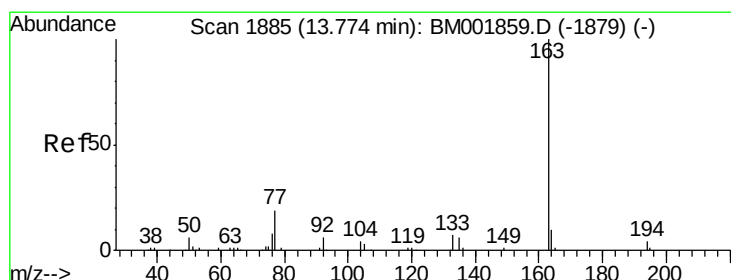
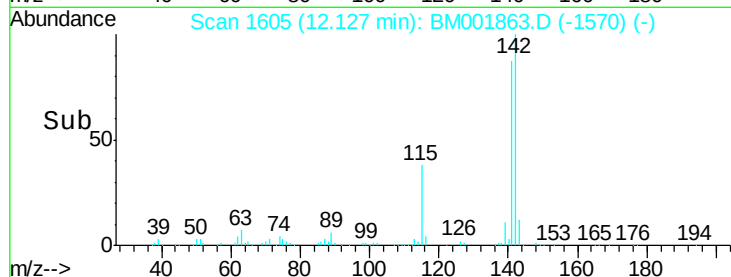
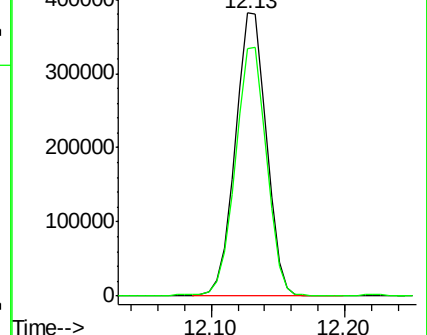
142 100

141 87.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 4.09 ng/ul

RT: 13.78 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

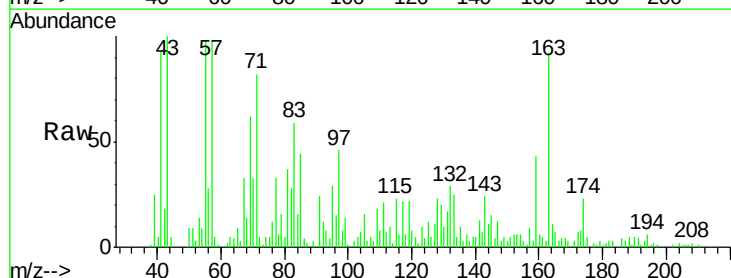
Tgt Ion:163 Resp: 44779

Ion Ratio Lower Upper

163 100

194 6.5 3.6 5.4#

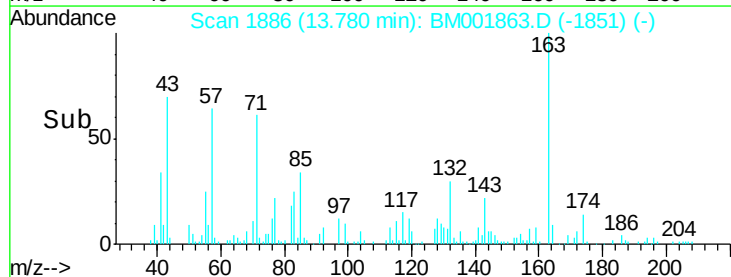
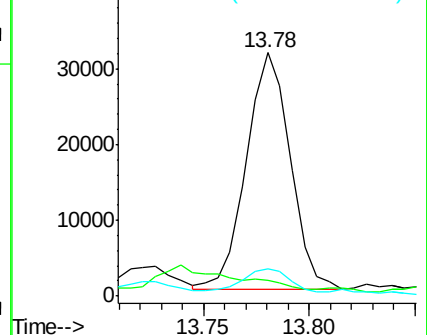
164 11.4 8.0 12.0

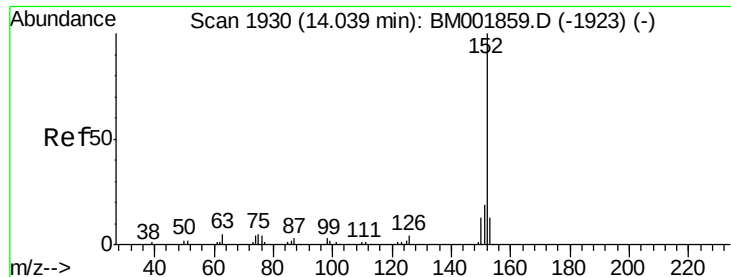


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 3.37 ng/ul

RT: 14.04 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

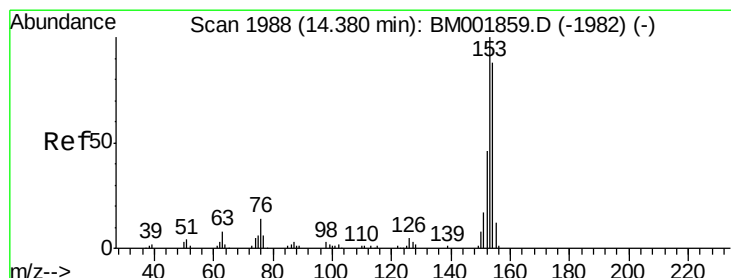
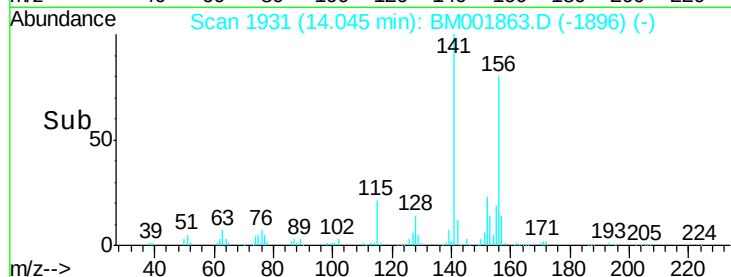
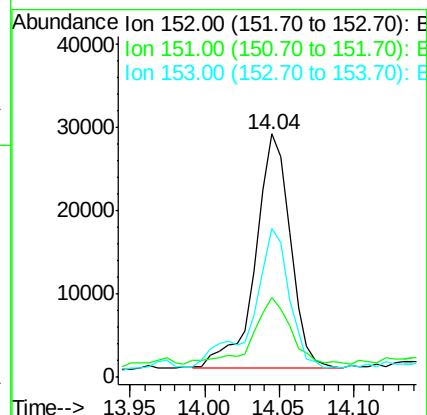
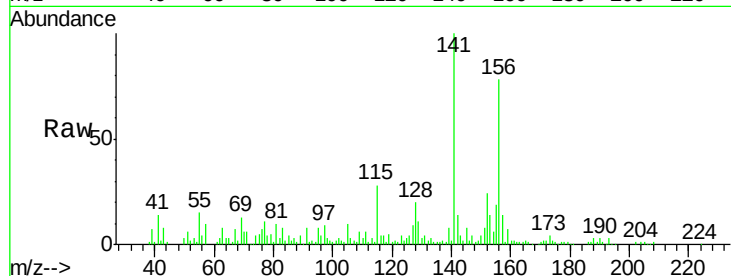
Tgt Ion:152 Resp: 45137

Ion Ratio Lower Upper

152 100

151 32.7 15.9 23.9#

153 61.4 10.0 15.0#



#49

Acenaphthene

Concen: 20.11 ng/ul

RT: 14.39 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

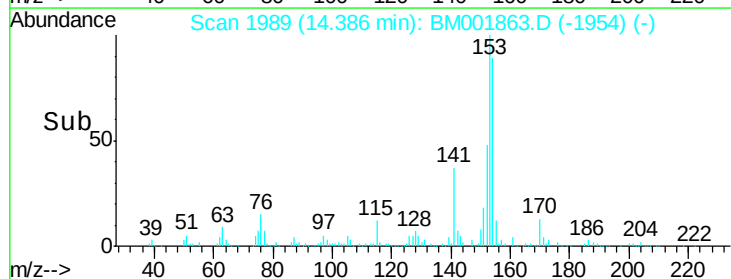
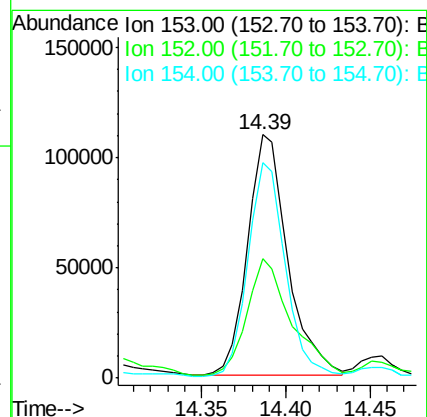
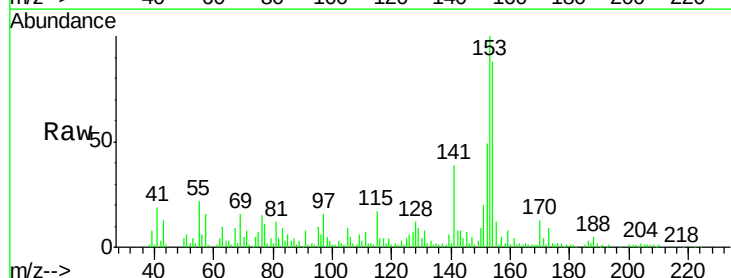
Tgt Ion:153 Resp: 179799

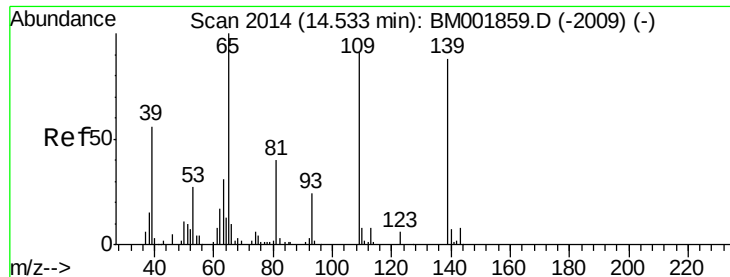
Ion Ratio Lower Upper

153 100

152 48.9 36.6 55.0

154 88.4 72.6 108.8





#52

4-Nitrophenol

Concen: 12.32 ng/ul

RT: 14.54 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

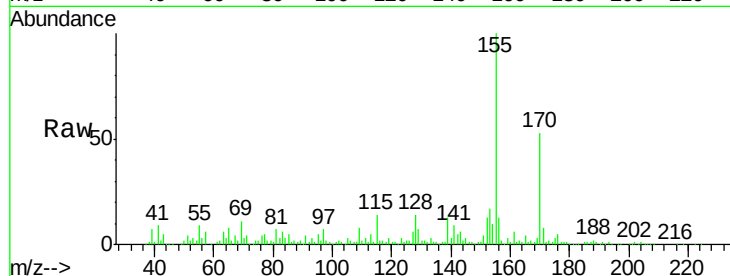
Tgt Ion:109 Resp: 23504

Ion Ratio Lower Upper

109 100

139 162.2 81.7 122.5#

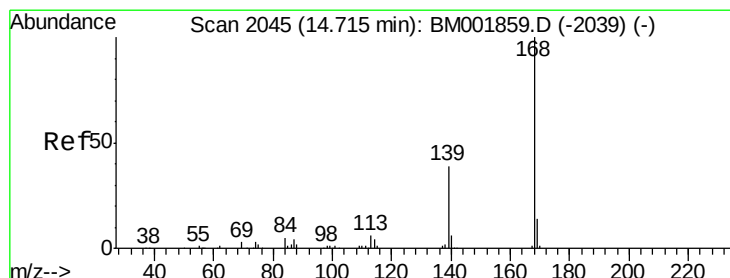
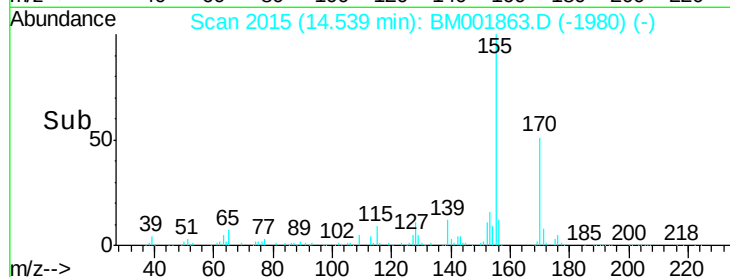
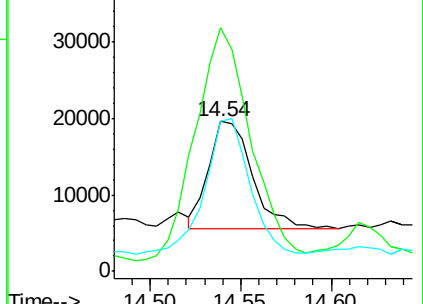
65 100.0 94.3 141.5



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



#53

Dibenzofuran

Concen: 1.06 ng/ul

RT: 14.64 min Scan# 2032

Delta R.T. -0.08 min

Lab File: BM001863.D

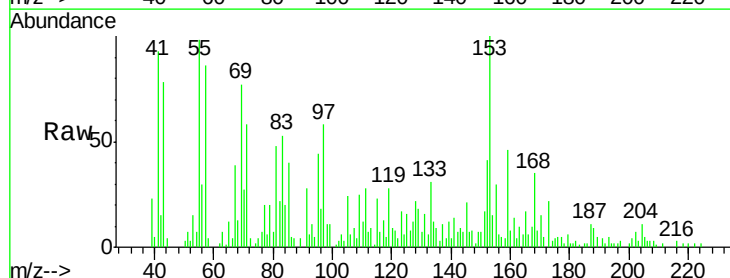
Acq: 07 Jul 2015 11:54

Tgt Ion:168 Resp: 13531

Ion Ratio Lower Upper

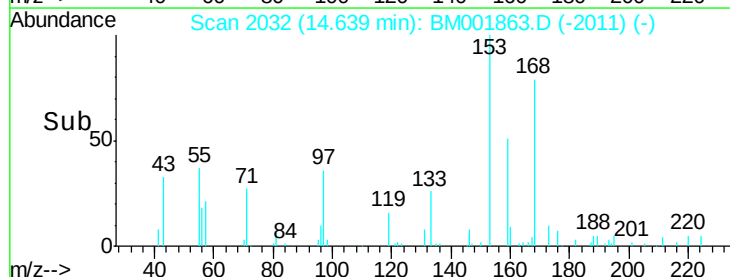
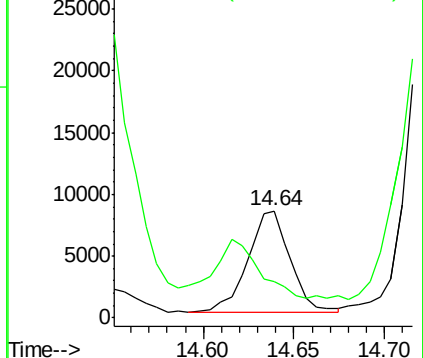
168 100

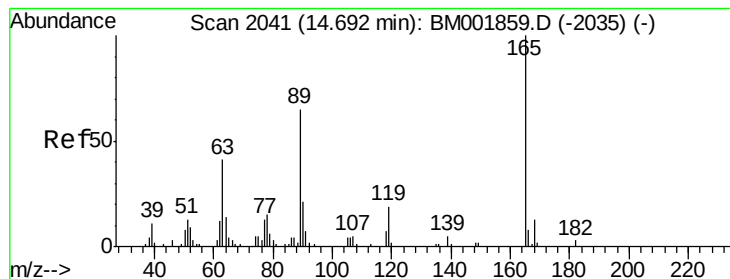
139 33.5 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.98 ng/ul

RT: 14.70 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

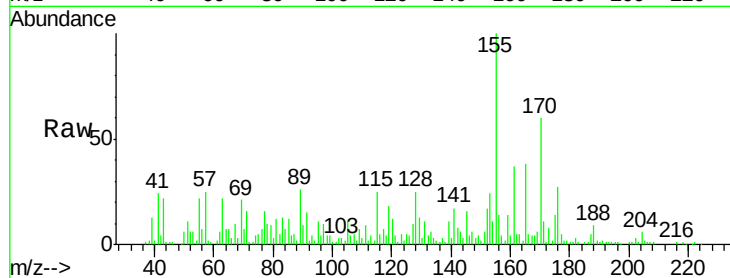
Tgt Ion:165 Resp: 63642

Ion Ratio Lower Upper

165 100

63 57.1 35.4 53.2#

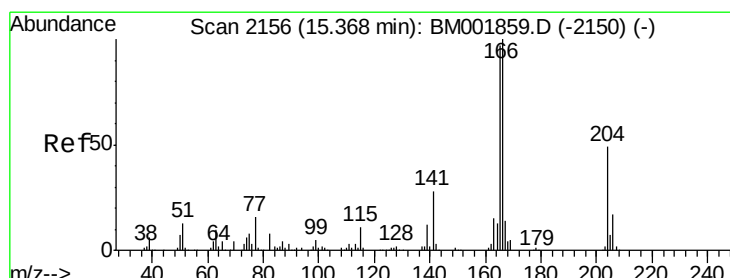
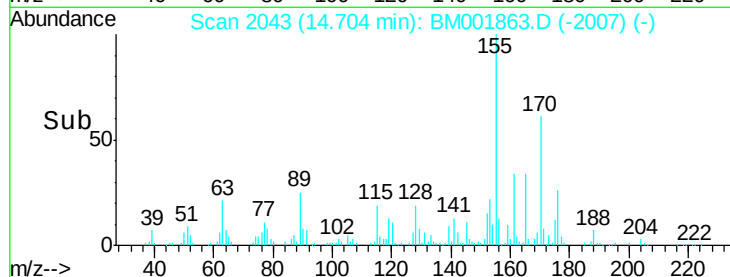
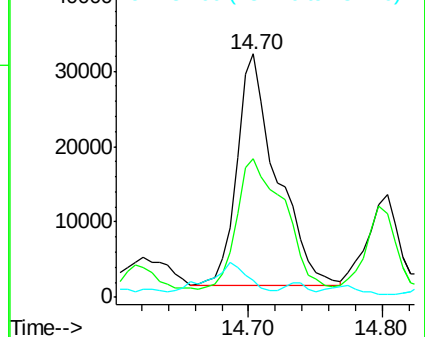
182 6.9 2.1 3.1#



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



#58

Fluorene

Concen: 8.15 ng/ul

RT: 15.37 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

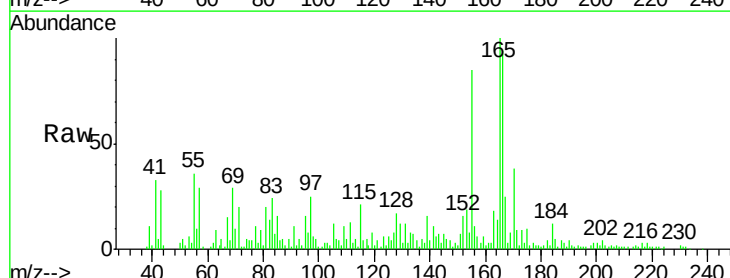
Tgt Ion:166 Resp: 86830

Ion Ratio Lower Upper

166 100

165 106.8 77.4 116.2

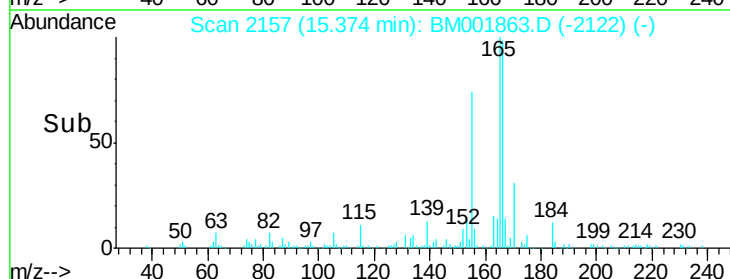
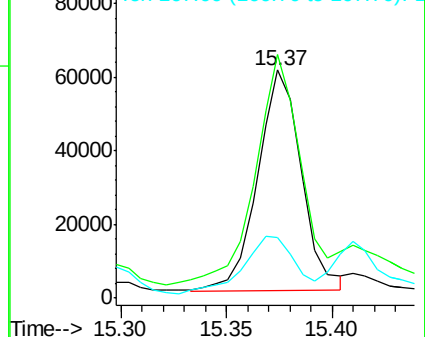
167 26.5 11.3 16.9#

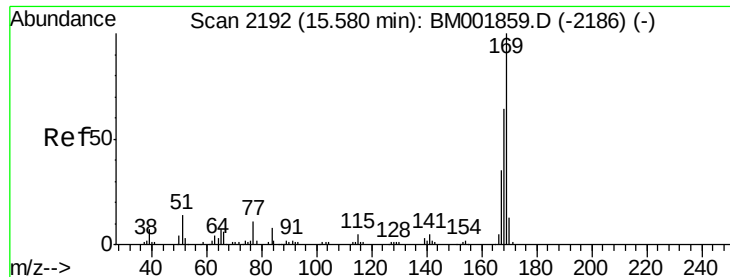


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



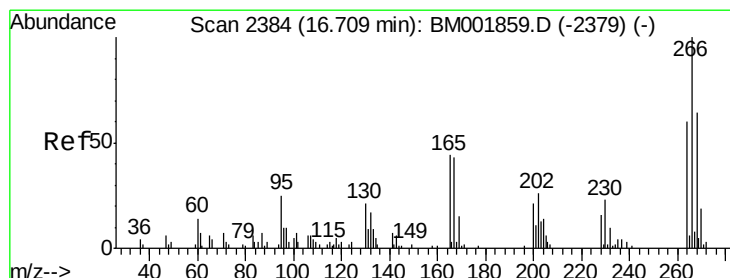
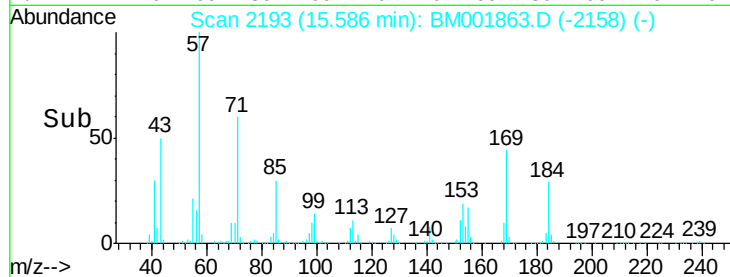
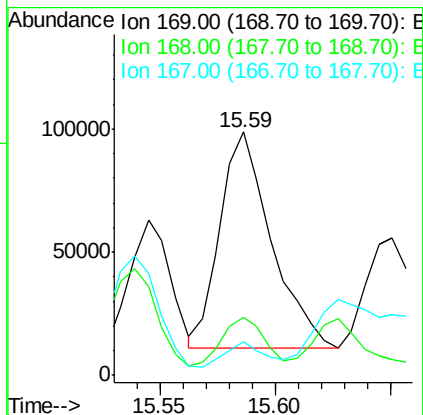
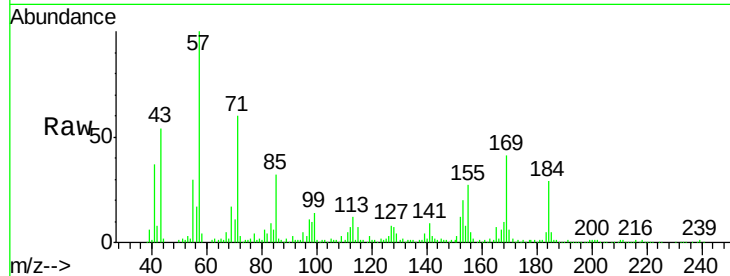


#64

N-Nitrosodiphenylamine
Concen: 16.19 ng/ul
RT: 15.59 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Instrument :
BNA_M
ClientSampleId :
G93L3MSD

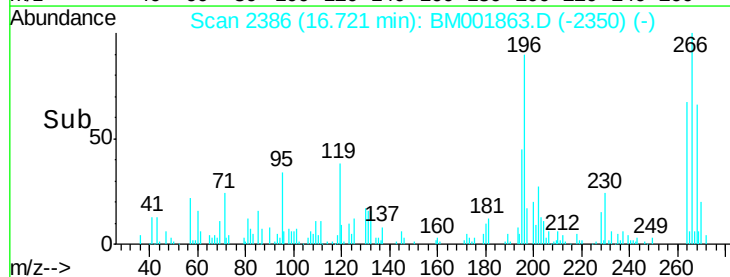
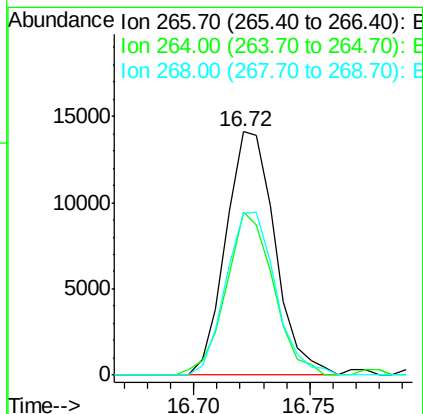
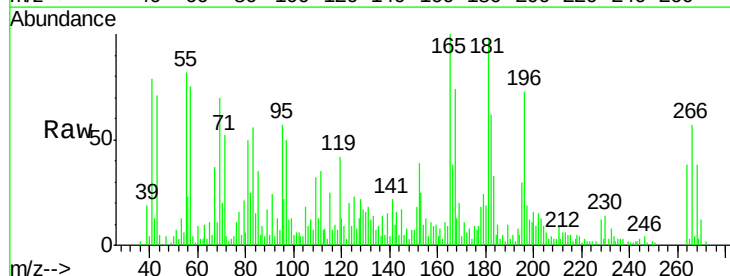
Tgt Ion:169 Resp: 136406
Ion Ratio Lower Upper
169 100
168 24.0 52.9 79.3#
167 13.8 27.5 41.3#

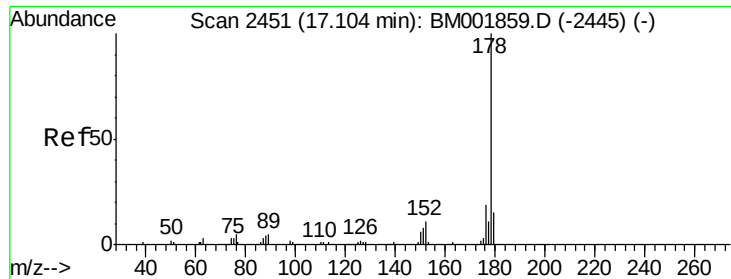


#68

Pentachlorophenol
Concen: 9.44 ng/ul
RT: 16.72 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion:266 Resp: 20906
Ion Ratio Lower Upper
266 100
264 67.2 50.8 76.2
268 66.3 52.0 78.0

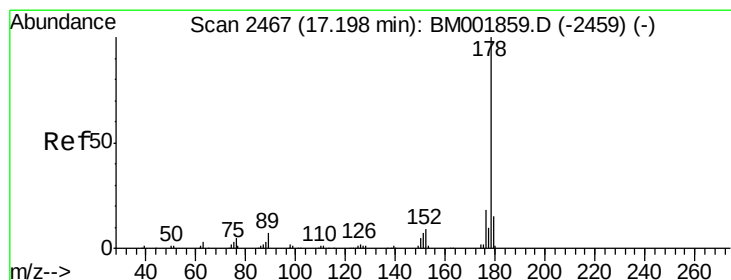
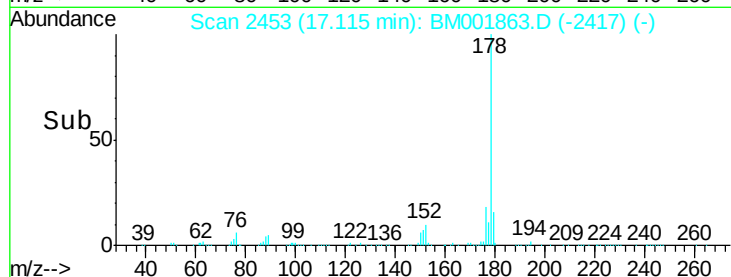
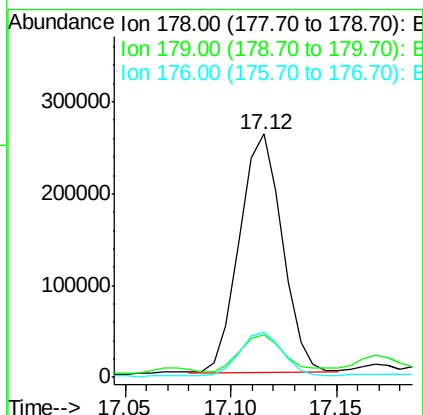
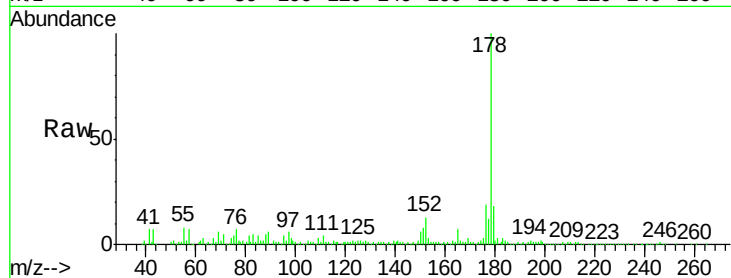




#69
Phenanthrene
Concen: 23.45 ng/ul
RT: 17.12 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

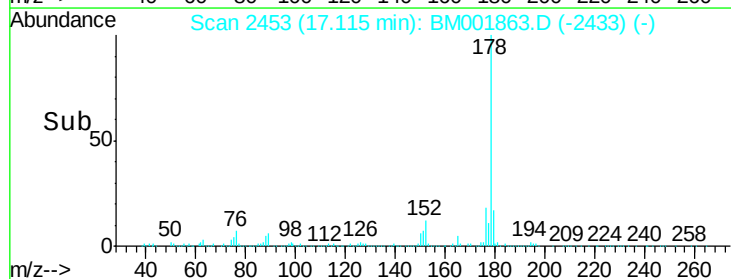
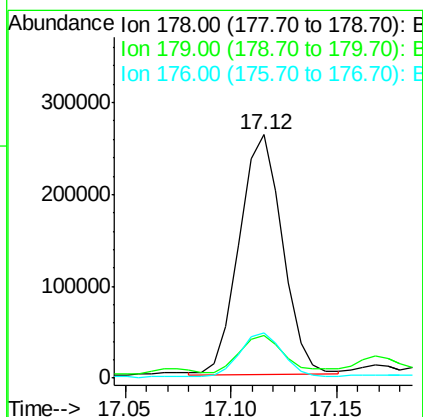
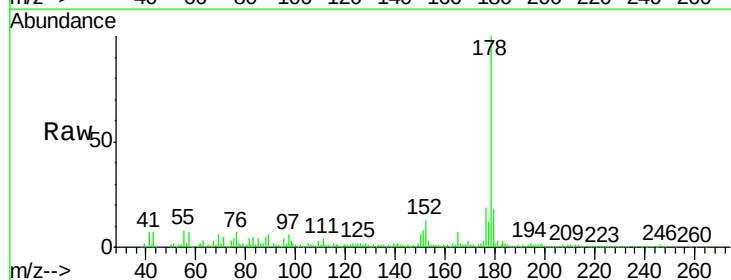
Instrument :
BNA_M
ClientSampleId :
G93L3MSD

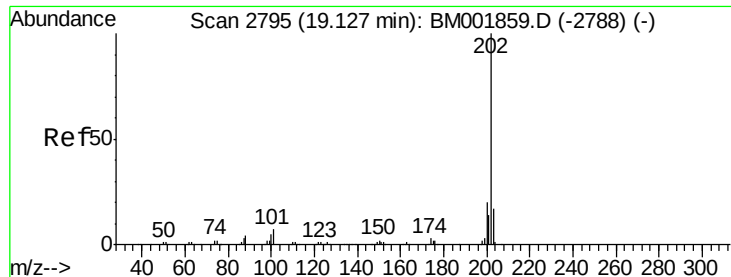
Tgt Ion:178 Resp: 366759
Ion Ratio Lower Upper
178 100
179 17.6 11.9 17.9
176 18.6 15.2 22.8



#71
Anthracene
Concen: 23.03 ng/ul
RT: 17.12 min Scan# 2453
Delta R.T. -0.08 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion:178 Resp: 369845
Ion Ratio Lower Upper
178 100
179 17.6 11.8 17.8
176 18.6 14.4 21.6

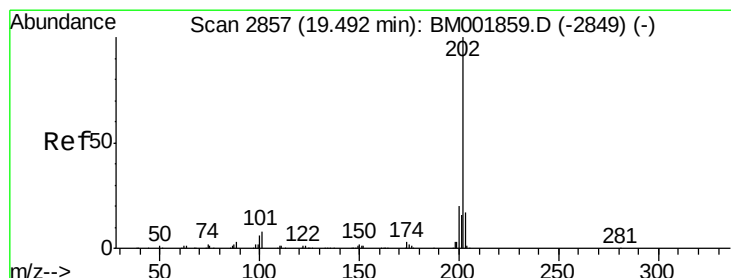
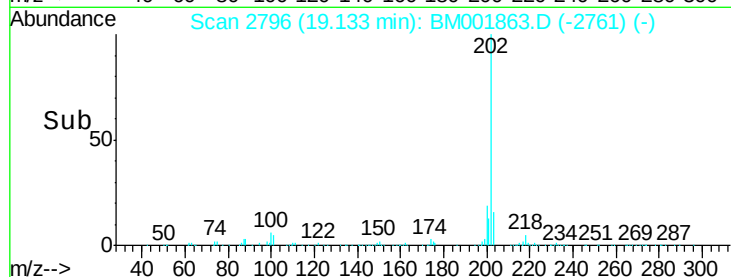
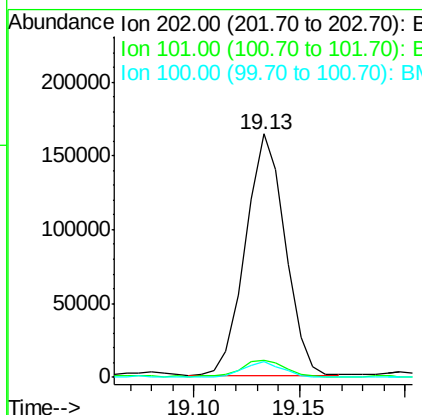
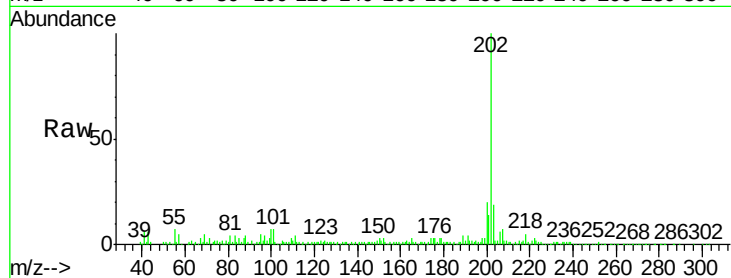




#76
Fluoranthene
Concen: 11.41 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

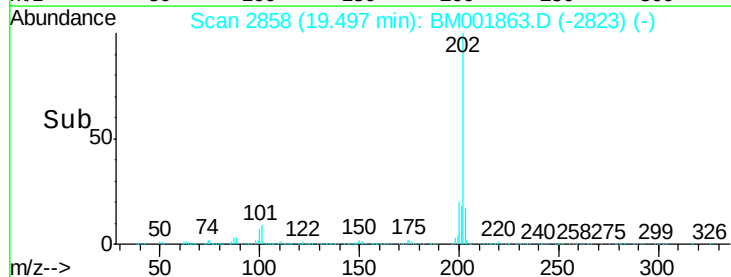
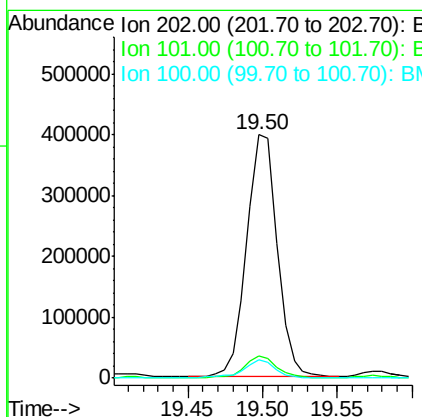
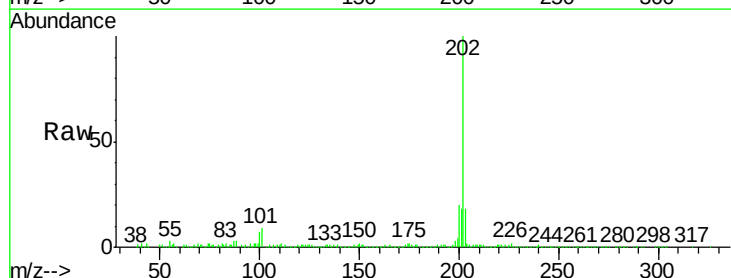
Instrument :
BNA_M
ClientSampleId :
G93L3MSD

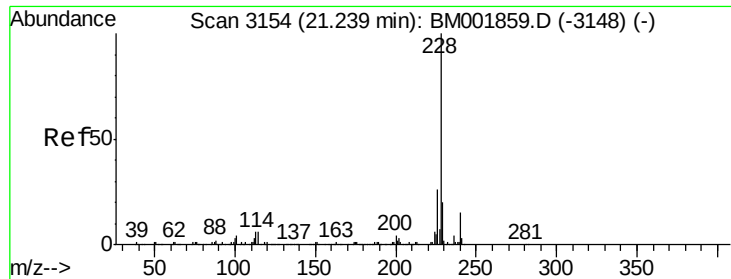
Tgt Ion:	202	Resp:	213489
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.1	9.1
100	6.6	4.8	7.2



#79
Pyrene
Concen: 29.25 ng/ul
RT: 19.50 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion:	202	Resp:	564662
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.9	10.3
100	7.4	6.2	9.2





#82

Benzo(a)anthracene

Concen: 6.56 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

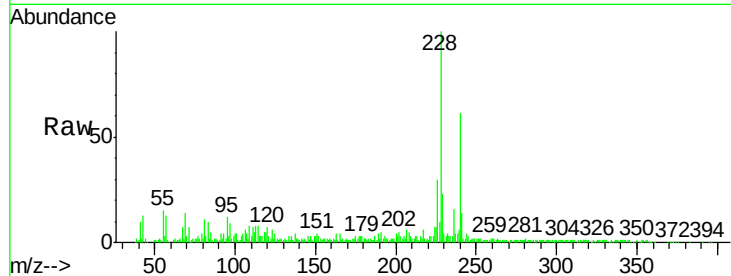
Tgt Ion:228 Resp: 133321

Ion Ratio Lower Upper

228 100

229 23.2 15.4 23.0#

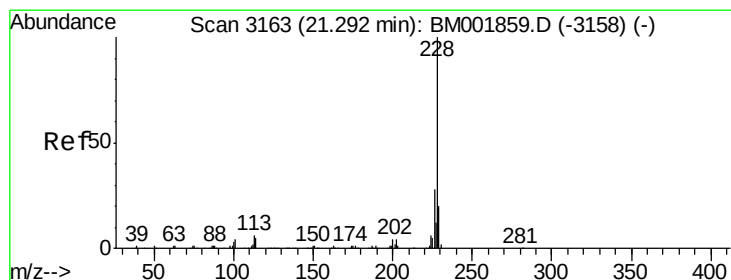
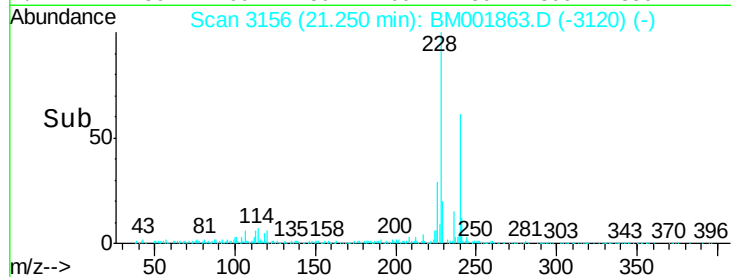
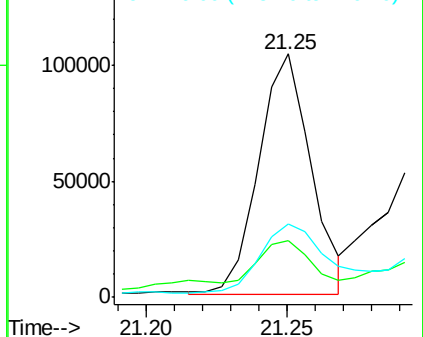
226 30.3 20.6 30.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 6.97 ng/ul

RT: 21.30 min Scan# 3165

Delta R.T. 0.01 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

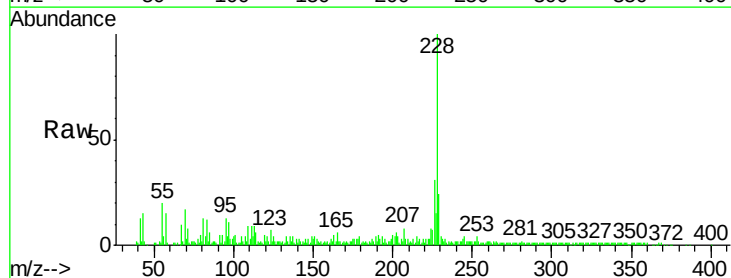
Tgt Ion:228 Resp: 134234

Ion Ratio Lower Upper

228 100

226 31.3 23.0 34.4

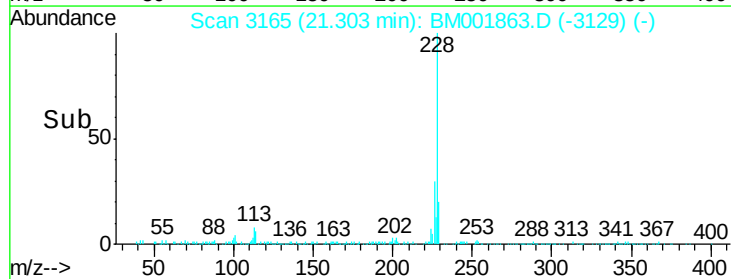
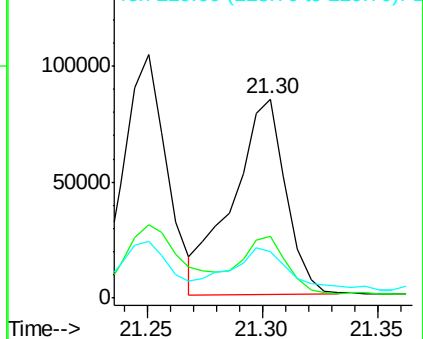
229 23.6 15.4 23.2#

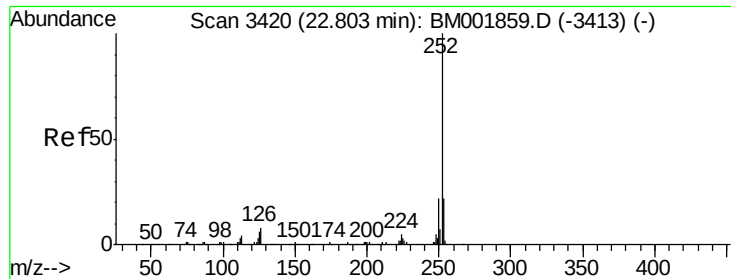


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 10.13 ng/ul

RT: 22.83 min Scan# 3424

Delta R.T. 0.02 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

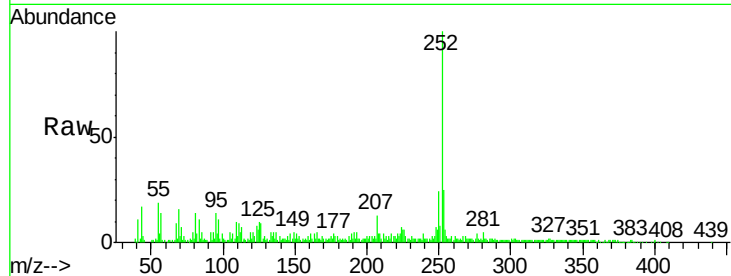
Tgt Ion:252 Resp: 212720

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.6

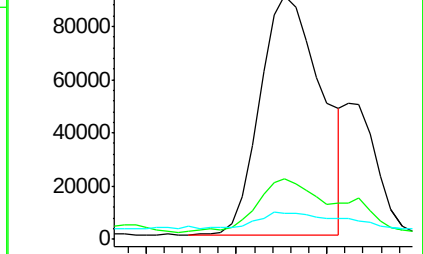
125 10.4 5.3 7.9#



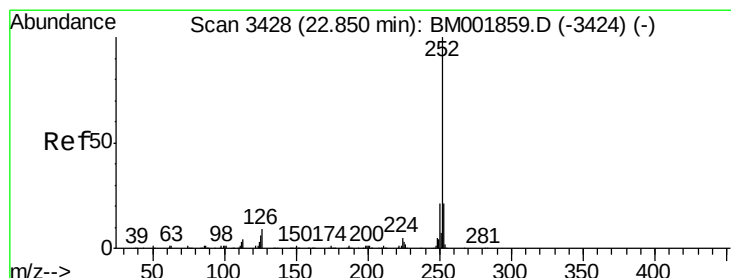
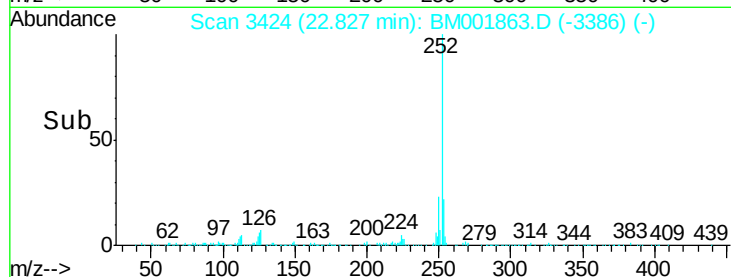
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 2.67 ng/ul

RT: 22.83 min Scan# 3424

Delta R.T. -0.02 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

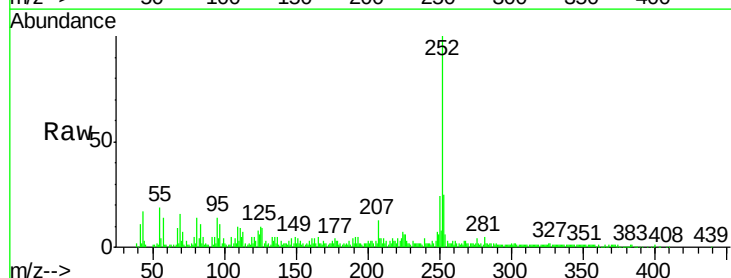
Tgt Ion:252 Resp: 54274

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

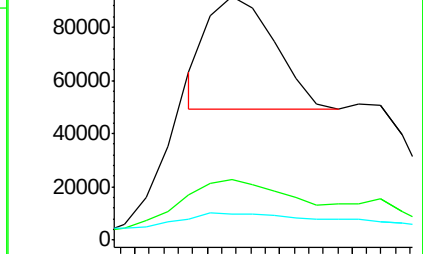
125 10.4 5.3 7.9#



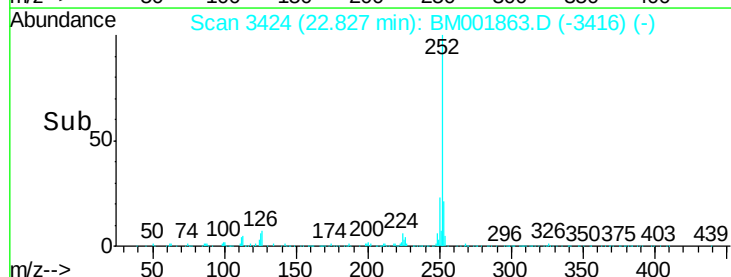
Abundance Ion 252.00 (251.70 to 252.70): E

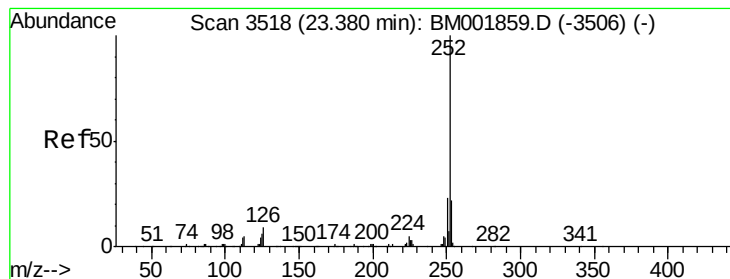
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#90

Benzo(a)pyrene

Concen: 7.95 ng/ul

RT: 23.40 min Scan# 3521

Delta R.T. 0.02 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

Instrument :

BNA_M

ClientSampleId :

G93L3MSD

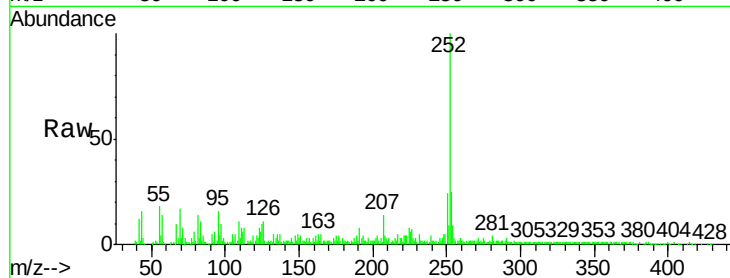
Tgt Ion:252 Resp: 162334

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

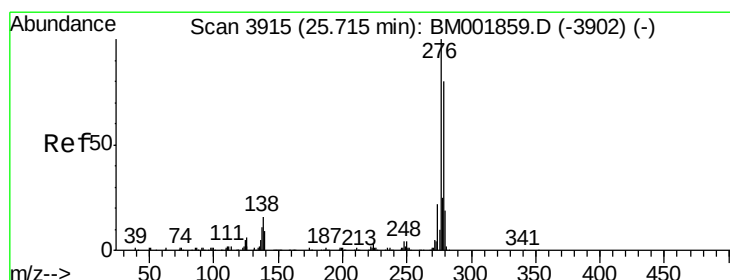
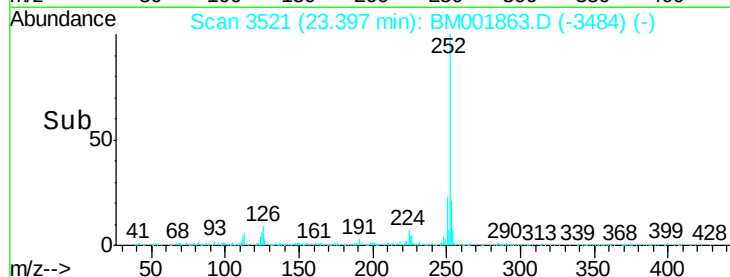
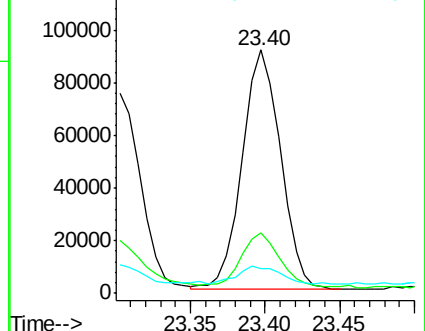
125 10.3 6.0 9.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 6.04 ng/ul

RT: 25.74 min Scan# 3920

Delta R.T. 0.03 min

Lab File: BM001863.D

Acq: 07 Jul 2015 11:54

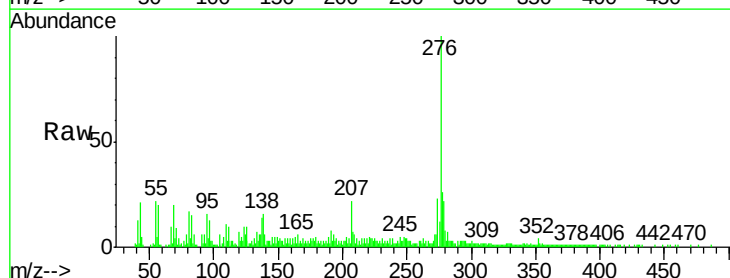
Tgt Ion:276 Resp: 146207

Ion Ratio Lower Upper

276 100

138 16.0 14.7 22.1

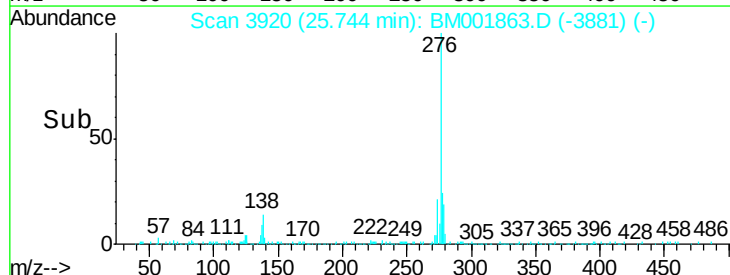
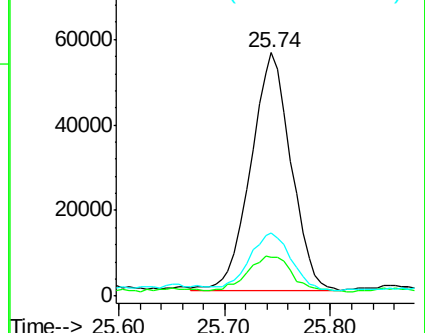
277 25.8 19.7 29.5

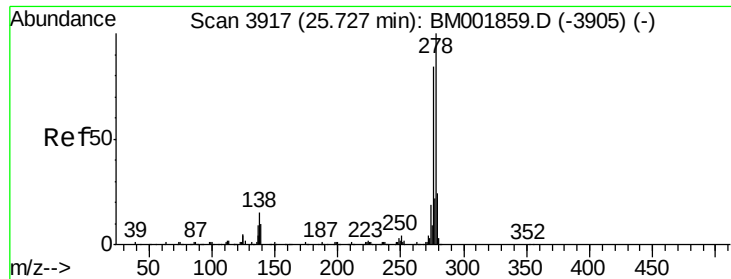


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

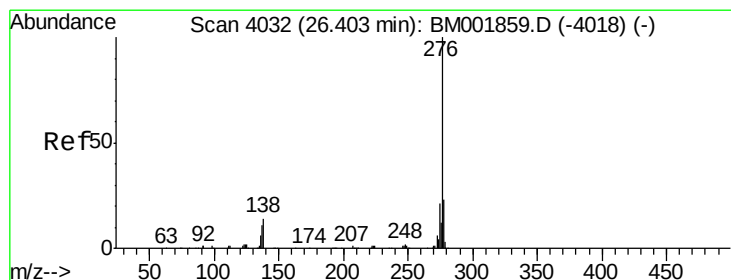
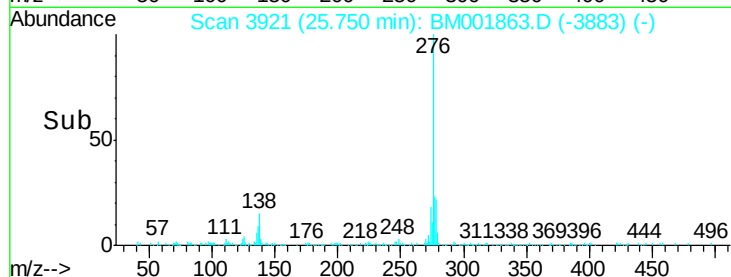
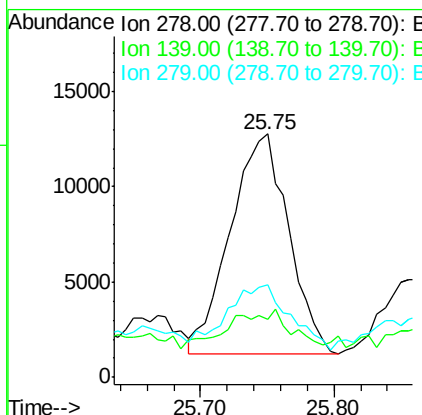
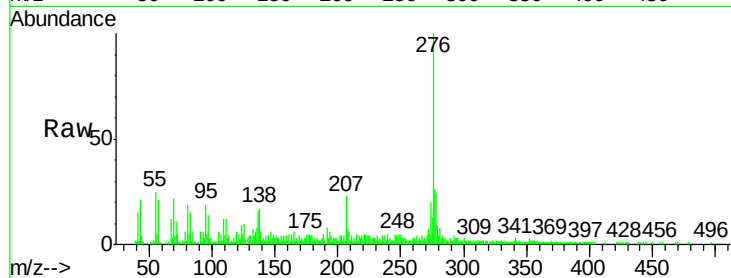




#92
Dibenzo(a,h)anthracene
Concen: 1.71 ng/ul
RT: 25.75 min Scan# 3921
Delta R.T. 0.02 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Instrument :
BNA_M
ClientSampleId :
G93L3MSD

Tgt Ion:278 Resp: 34867
Ion Ratio Lower Upper
278 100
139 23.9 9.2 13.8#
279 38.3 19.1 28.7#



#93
Benzo(g,h,i)perylene
Concen: 6.73 ng/ul
RT: 26.43 min Scan# 4037
Delta R.T. 0.03 min
Lab File: BM001863.D
Acq: 07 Jul 2015 11:54

Tgt Ion:276 Resp: 137138
Ion Ratio Lower Upper
276 100
138 16.3 12.6 19.0
277 26.8 18.7 28.1

