

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001842.D
 Acq On : 06 Jul 2015 18:32
 Operator : TP/UM
 Sample : G2861-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L4DL

Quant Time: Jul 07 04:05:02 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	32346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	113021	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	66797	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	149720	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	176301	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	179714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	3335	4.92	ng/uL	0.00
5) Phenol-d5	6.83	99	60402	24.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	39660	28.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	51034	25.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	28811	14.45	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	25803	32.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	26566	31.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	49486	27.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	96064	51.56	ng/ul	-0.03
43) Dimethylphthalate-d6	13.73	166	145785	29.43	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	194805	30.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	22322	24.43	ng/ul	0.00
57) Fluorene-d10	15.32	176	143957	31.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	10963	11.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	214920	30.82	ng/ul	0.00
78) Pyrene-d10	19.46	212	247768	33.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	252186	31.84	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	11577	14.94	ng/uL#	1
4) Benzaldehyde	6.80	77	2640	1.63	ng/ul#	51
14) Acetophenone	8.49	105	8115	2.56	ng/ul#	48
17) Hexachloroethane	8.76	117	25230	30.89	ng/ul#	1
20) Nitrobenzene	8.85	77	6492	3.06	ng/ul#	25
21) Isophorone	9.37	82	25798	7.29	ng/ul#	1
23) 2-Nitrophenol	9.57	139	3574	3.81	ng/ul#	26
24) 2,4-Dimethylphenol	9.66	107	8083	3.73	ng/ul#	76
25) Bis(2-Chloroethoxy)methane	9.86	93	3620	1.64	ng/ul#	1
28) Naphthalene	10.50	128	40608	7.12	ng/ul#	74
32) Caprolactam	11.38	113	2724	5.13	ng/ul#	1
34) 2-Methylnaphthalene	12.12	142	11465	2.78	ng/ul	85
42) 2-Nitroaniline	13.42	65	2051	1.81	ng/ul#	1
44) Dimethylphthalate	13.77	163	32226	5.95	ng/ul#	96
47) Acenaphthylene	14.04	152	24634	3.72	ng/ul#	15
49) Acenaphthene	14.39	153	70686	15.98	ng/ul	96
53) Dibenzofuran	14.63	168	11196	1.77	ng/ul	93
54) 2,4-Dinitrotoluene	14.68	165	4620	3.08	ng/ul#	72
58) Fluorene	15.37	166	91174	17.29	ng/ul#	94
64) N-Nitrosodiphenylamine	15.58	169	96186	21.99	ng/ul#	54
69) Phenanthrene	17.11	178	373386	45.99	ng/ul	96
71) Anthracene	17.11	178	374853	44.97	ng/ul	97
76) Fluoranthene	19.13	202	134606	13.86	ng/ul#	97

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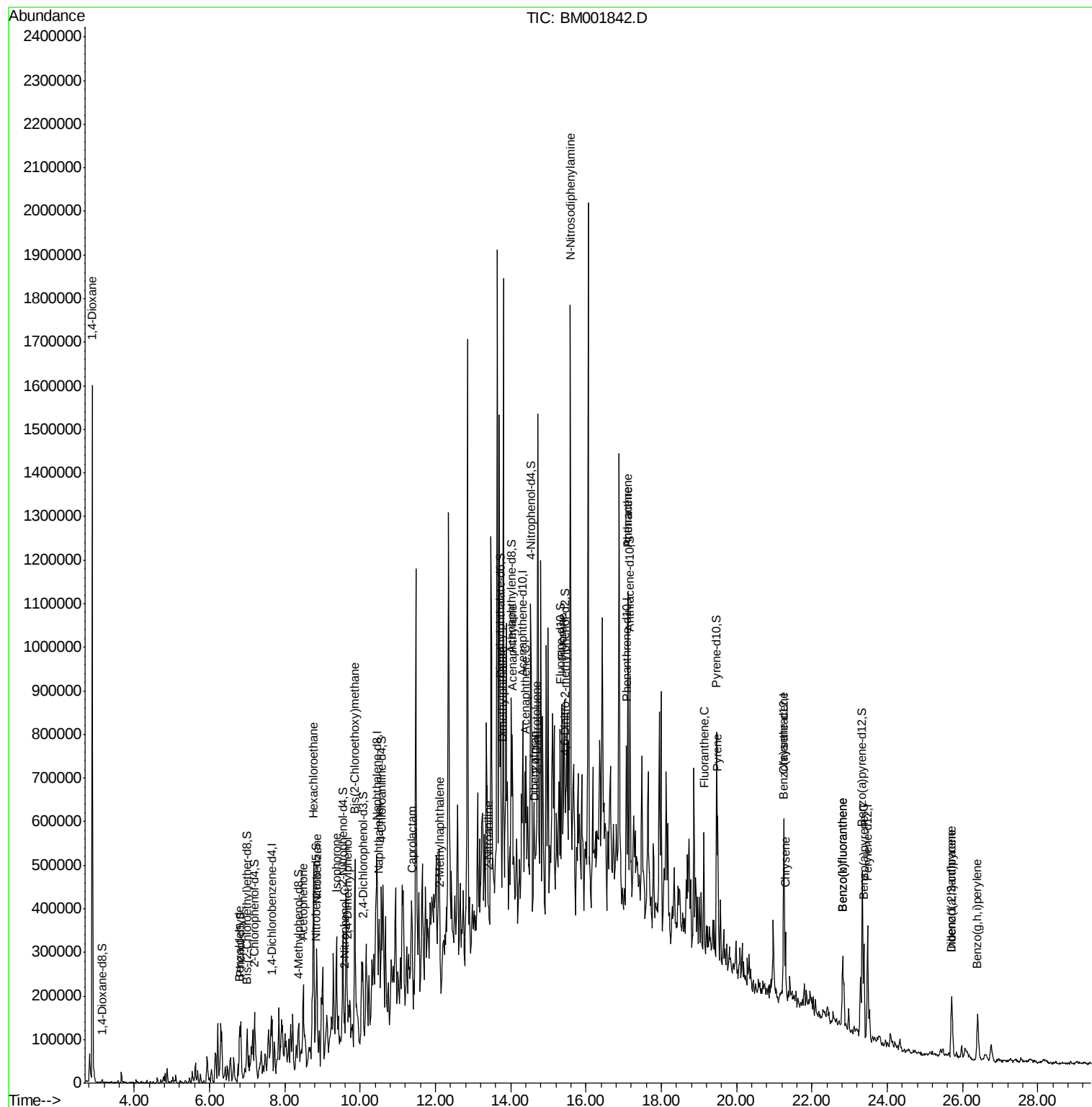
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Pyrene	19.49	202	206675	21.13	ng/ul	100
82) Benzo(a)anthracene	21.24	228	88371	8.58	ng/ul#	91
84) Chrysene	21.29	228	90179	9.24	ng/ul#	91
87) Benzo(b)fluoranthene	22.81	252	157841	15.09	ng/ul#	96
88) Benzo(k)fluoranthene	22.81	252	79914	7.90	ng/ul#	95
90) Benzo(a)pyrene	23.38	252	148032	14.55	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.70	276	139749	11.58	ng/ul	95
92) Dibenzo(a,h)anthracene	25.71	278	29799	2.93	ng/ul#	82
93) Benzo(g,h,i)perylene	26.40	276	133178	13.12	ng/ul#	97

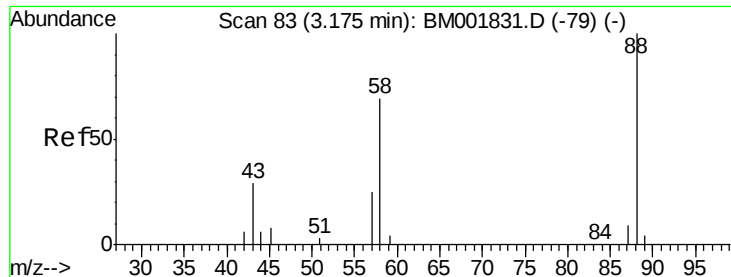
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 14.94 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

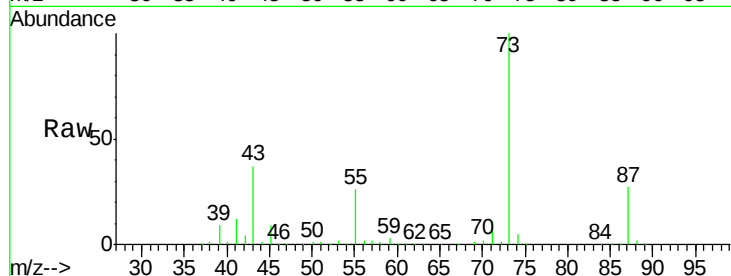
Tgt Ion: 88 Resp: 11577

Ion Ratio Lower Upper

88 100

43 2372.5 24.2 36.4#

58 30.4 56.2 84.2#

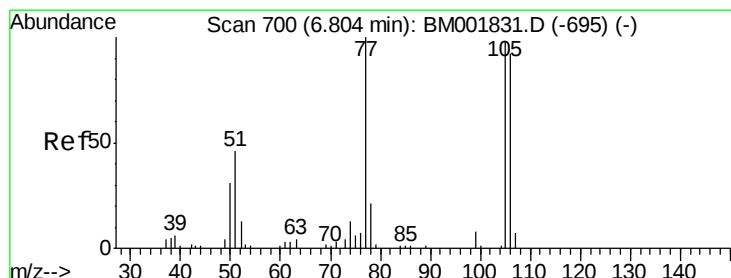
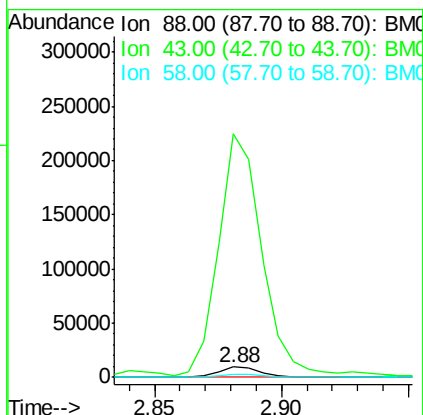
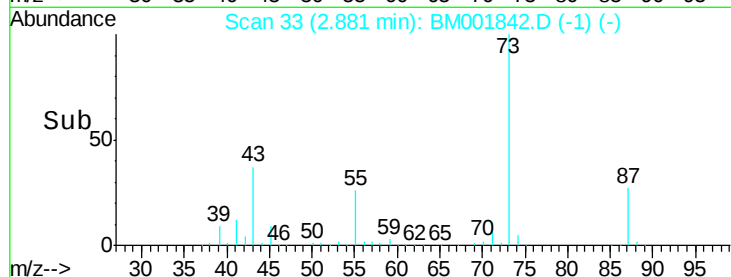


Abundance Ion 88.00 (87.70 to 88.70): BM001831.D (-79) (-)

Ion 43.00 (42.70 to 43.70): BM001831.D (-79) (-)

Ion 58.00 (57.70 to 58.70): BM001831.D (-79) (-)

Time-->



#4

Benzaldehyde

Concen: 1.63 ng/uL

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

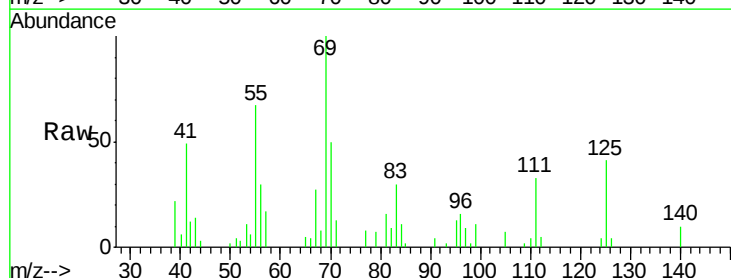
Tgt Ion: 77 Resp: 2640

Ion Ratio Lower Upper

77 100

105 92.5 79.3 118.9

106 0.0 72.8 109.2#

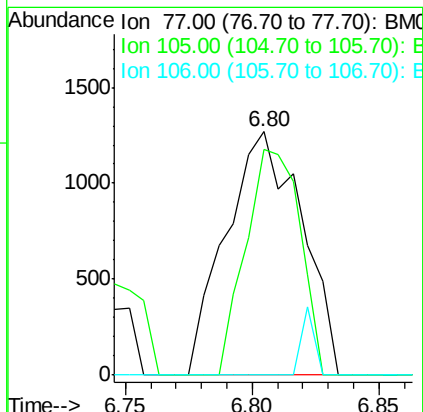
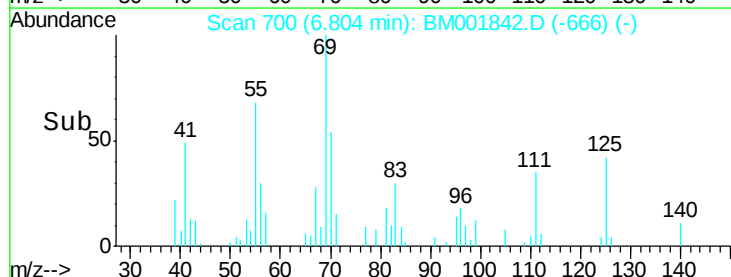


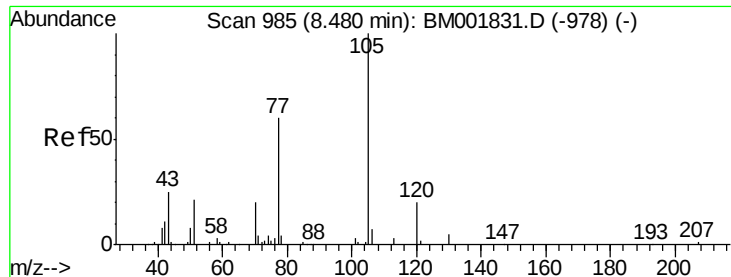
Abundance Ion 77.00 (76.70 to 77.70): BM001831.D (-695) (-)

Ion 105.00 (104.70 to 105.70): BM001831.D (-695) (-)

Ion 106.00 (105.70 to 106.70): BM001831.D (-695) (-)

Time-->





#14

Acetophenone

Concen: 2.56 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. 0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

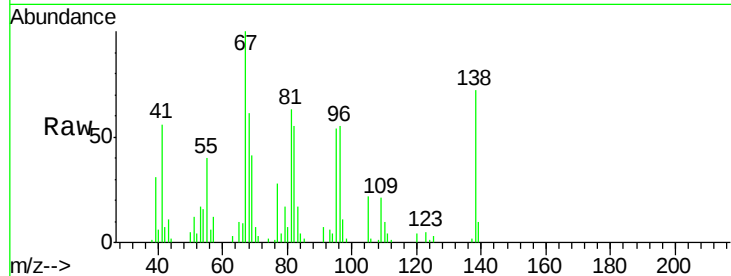
Tgt Ion:105 Resp: 8115

Ion Ratio Lower Upper

105 100

77 127.0 64.2 96.4#

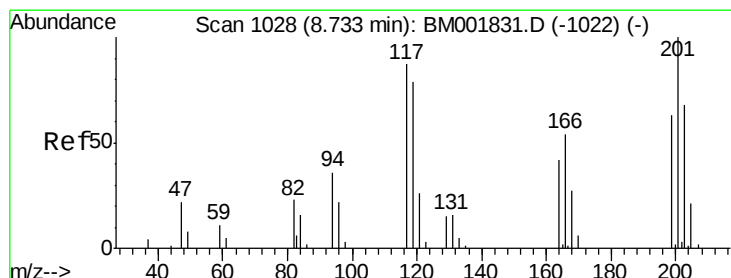
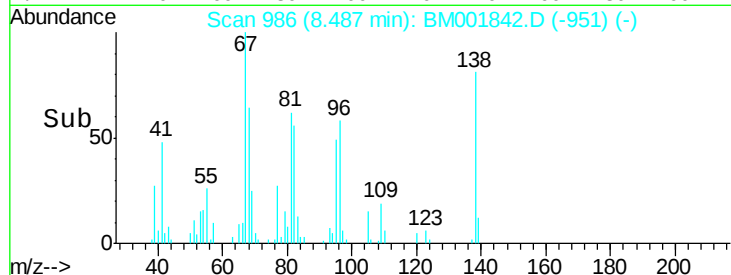
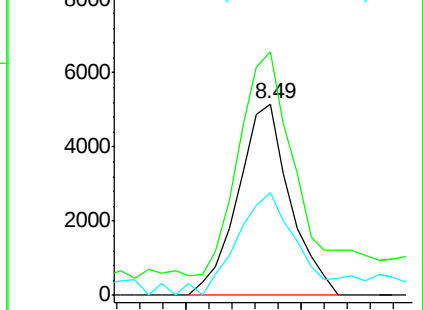
51 53.3 22.0 33.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 30.89 ng/ul

RT: 8.76 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

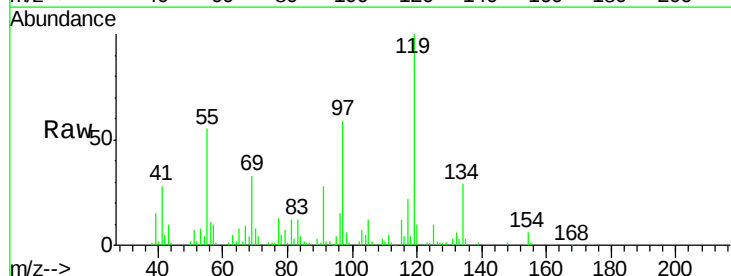
Tgt Ion:117 Resp: 25230

Ion Ratio Lower Upper

117 100

201 0.0 92.1 138.1#

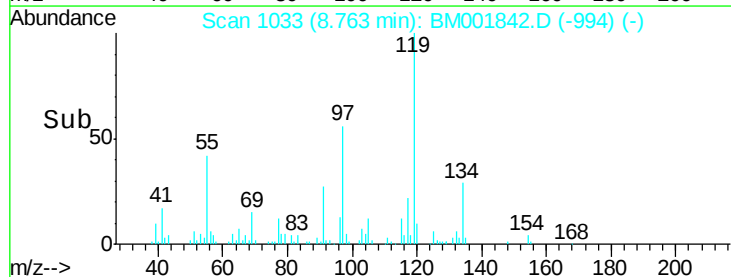
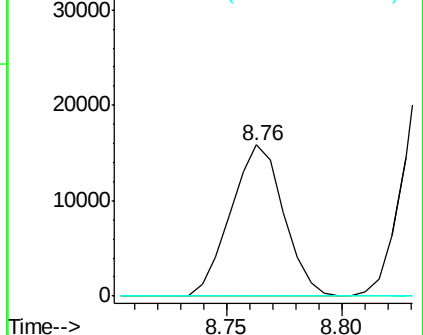
199 0.0 60.6 90.8#

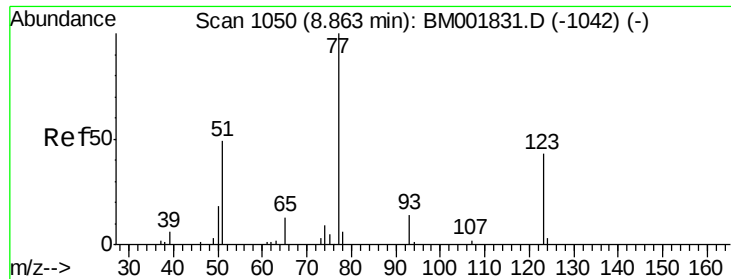


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

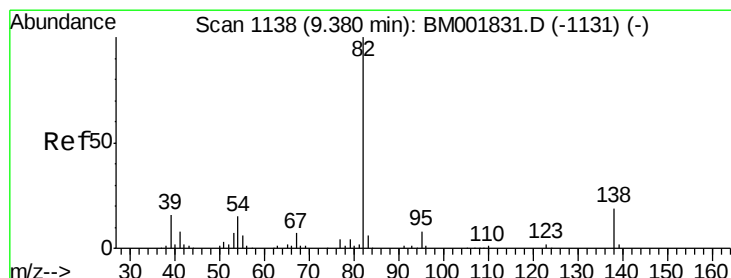
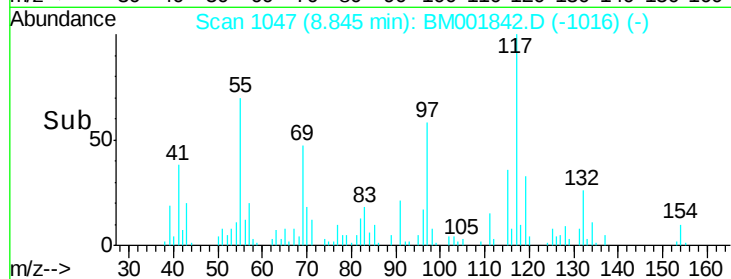
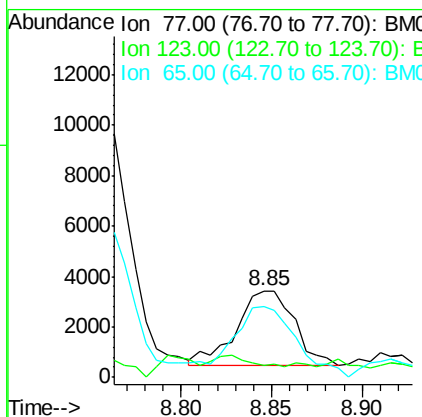
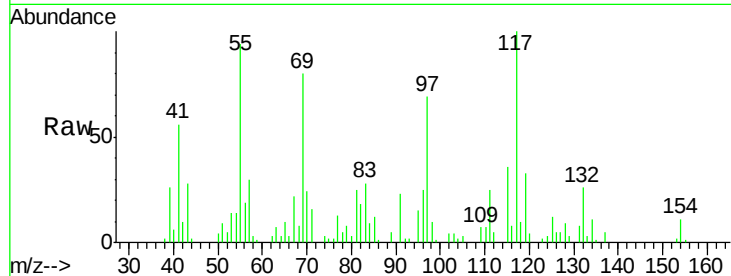




#20
Nitrobenzene
Concen: 3.06 ng/ul
RT: 8.85 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

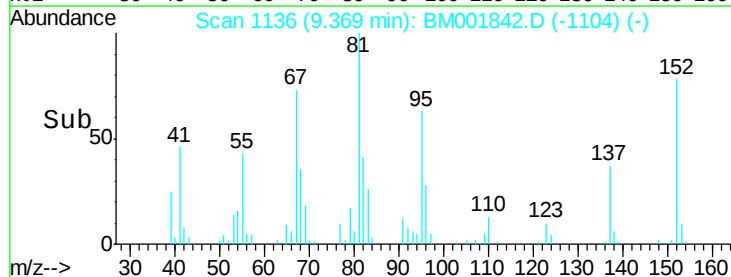
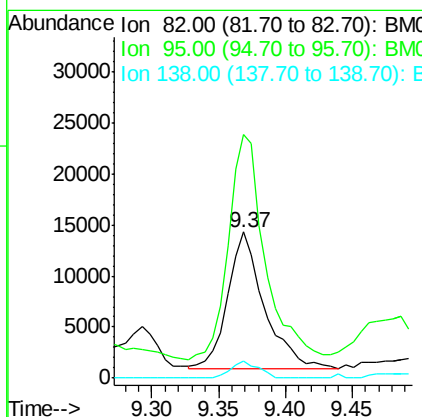
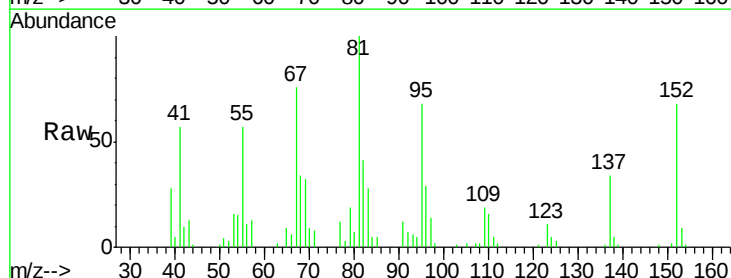
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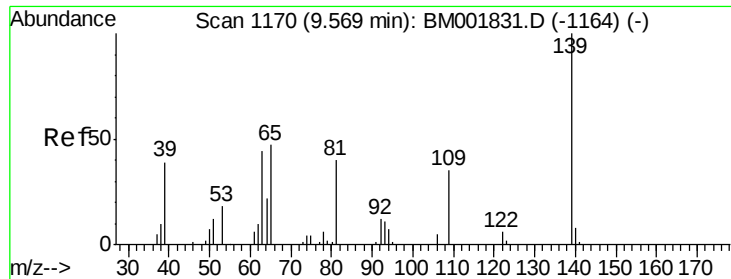
Tgt Ion: 77 Resp: 6492
Ion Ratio Lower Upper
77 100
123 14.1 34.0 51.0#
65 82.4 11.3 16.9#



#21
Isophorone
Concen: 7.29 ng/ul
RT: 9.37 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

Tgt Ion: 82 Resp: 25798
Ion Ratio Lower Upper
82 100
95 167.0 6.3 9.5#
138 11.5 14.9 22.3#





#23

2-Nitrophenol

Concen: 3.81 ng/ul

RT: 9.57 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

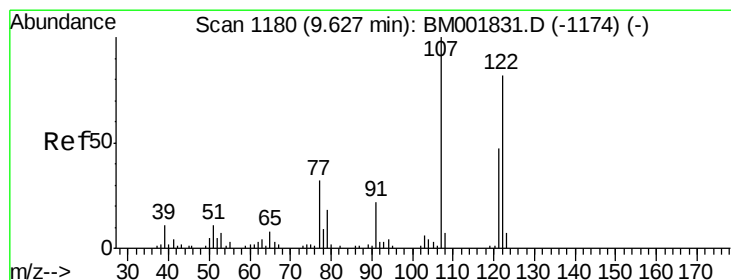
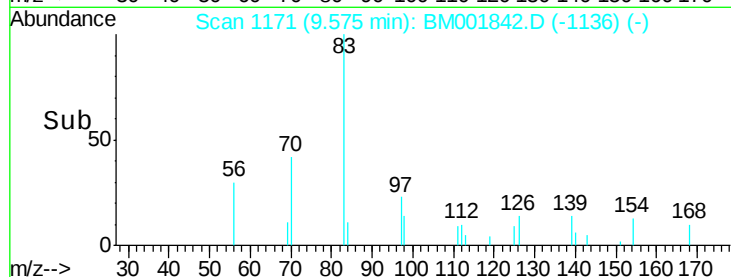
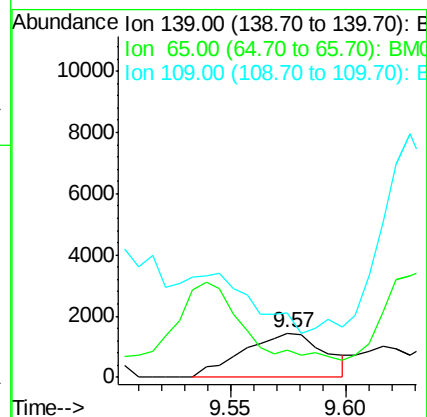
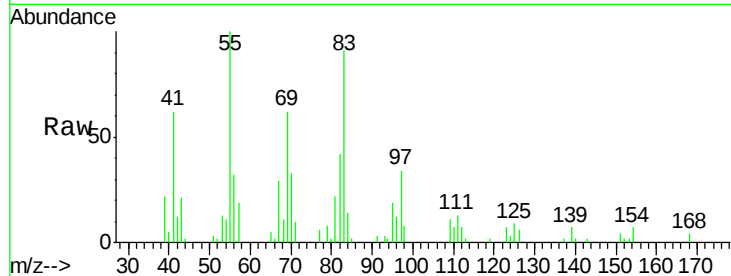
Tgt Ion:139 Resp: 3574

Ion Ratio Lower Upper

139 100

65 62.1 45.4 68.0

109 143.4 31.6 47.4#



#24

2,4-Dimethylphenol

Concen: 3.73 ng/ul

RT: 9.66 min Scan# 1185

Delta R.T. 0.03 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

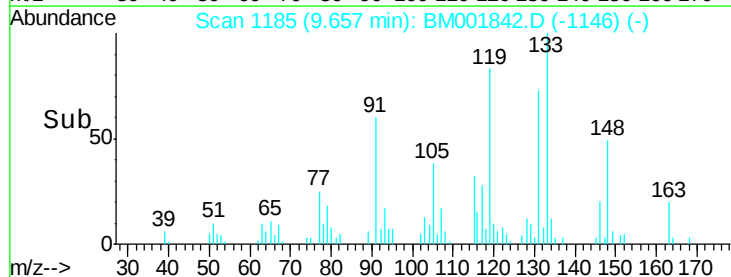
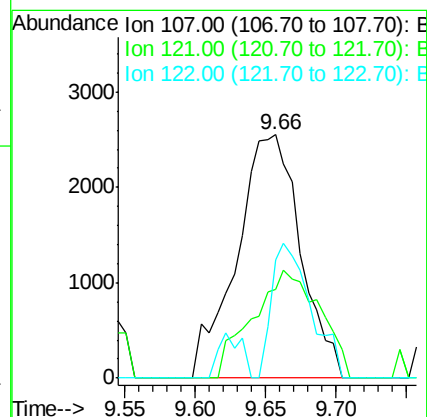
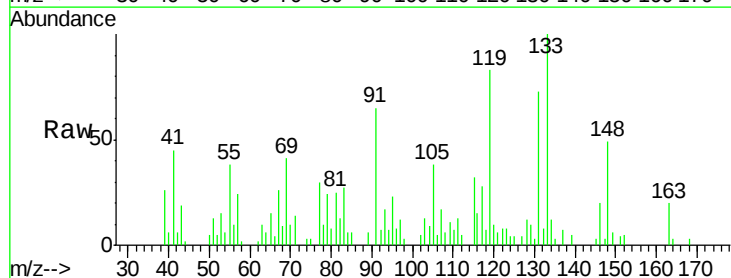
Tgt Ion:107 Resp: 8083

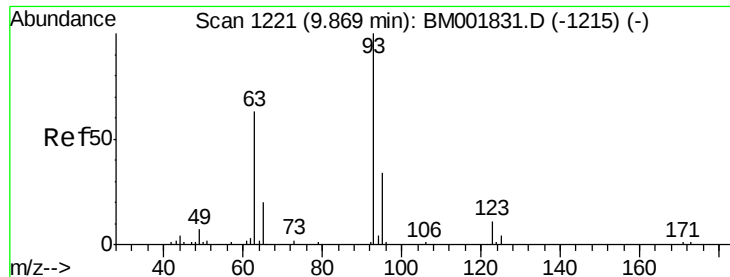
Ion Ratio Lower Upper

107 100

121 36.5 37.4 56.2#

122 48.5 59.2 88.8#





#25

Bis(2-Chloroethoxy)methane

Concen: 1.64 ng/ul

RT: 9.86 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

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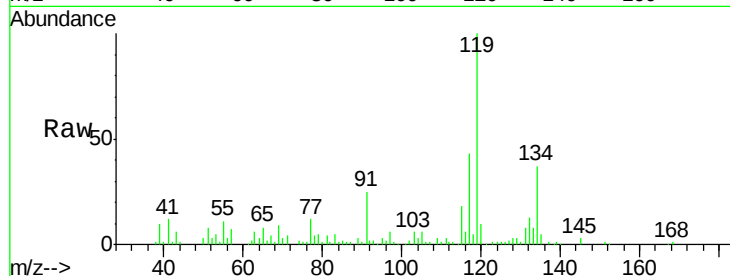
Tgt Ion: 93 Resp: 3620

Ion Ratio Lower Upper

93 100

95 138.9 26.2 39.4#

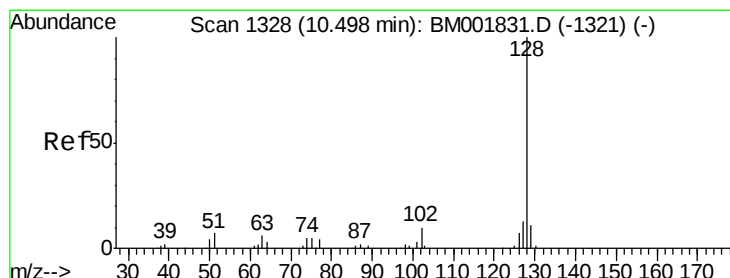
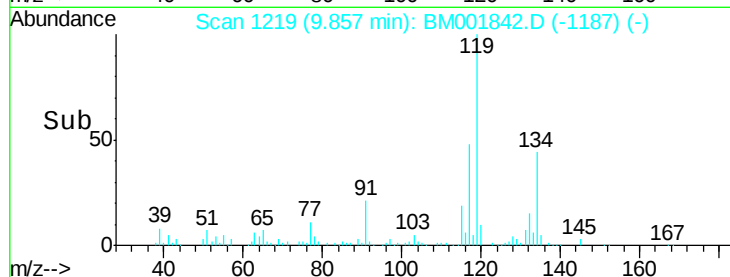
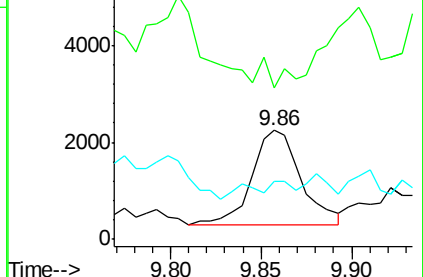
123 53.3 9.1 13.7#



Abundance Ion 93.00 (92.70 to 93.70): BM001831.D (-1215) (-)

Ion 95.00 (94.70 to 95.70): BM001831.D (-1215) (-)

Ion 123.00 (122.70 to 123.70): BM001831.D (-1215) (-)



#28

Naphthalene

Concen: 7.12 ng/ul

RT: 10.50 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

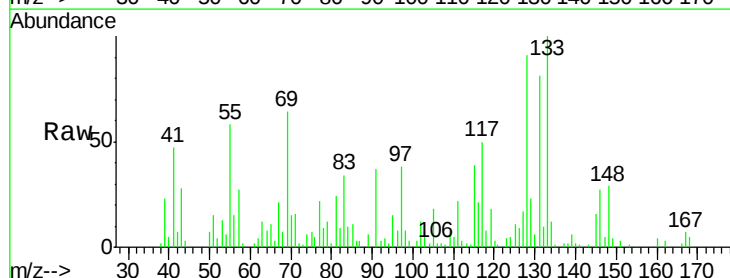
Tgt Ion: 128 Resp: 40608

Ion Ratio Lower Upper

128 100

129 24.8 8.7 13.1#

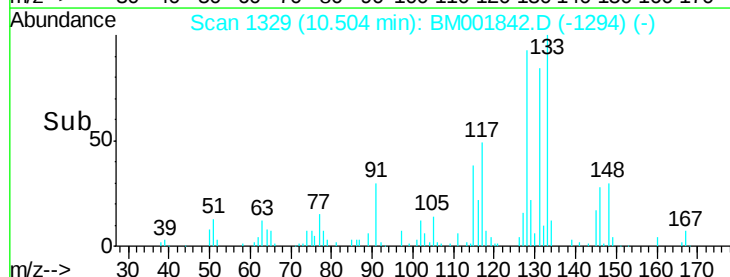
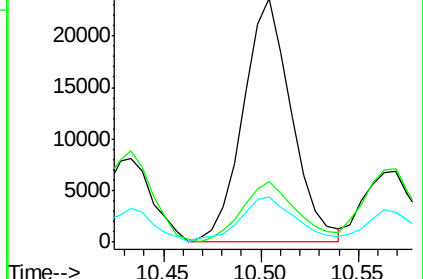
127 18.8 10.0 15.0#

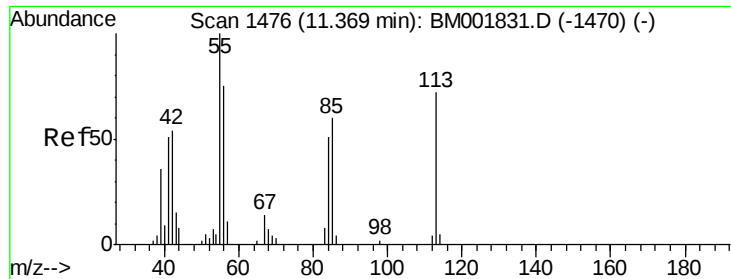


Abundance Ion 128.00 (127.70 to 128.70): BM001831.D (-1321) (-)

Ion 129.00 (128.70 to 129.70): BM001831.D (-1321) (-)

Ion 127.00 (126.70 to 127.70): BM001831.D (-1321) (-)





#32

Caprolactam

Concen: 5.13 ng/ul

RT: 11.38 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

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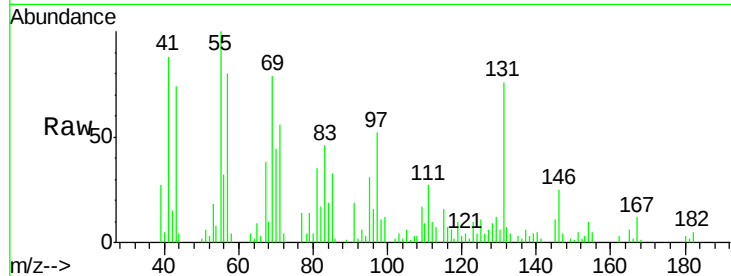
Tgt Ion:113 Resp: 2724

Ion Ratio Lower Upper

113 100

55 1495.0 123.3 184.9#

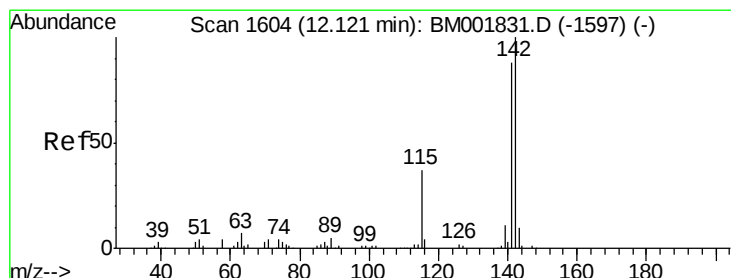
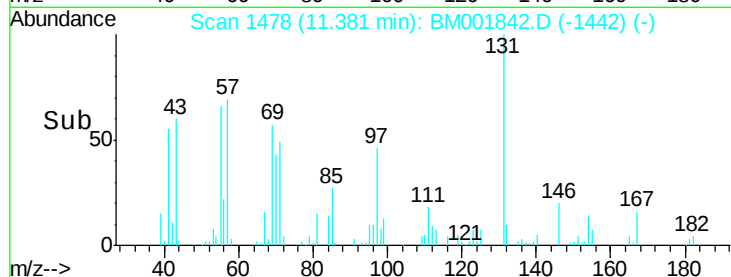
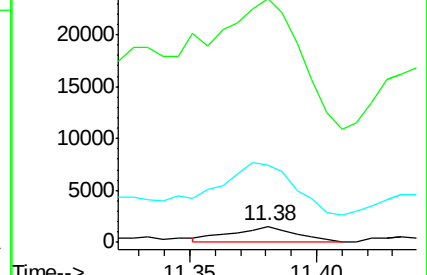
56 477.3 98.6 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM001831.D (-1470) (-)

Ion 56.00 (55.70 to 56.70): BM001831.D (-1470) (-)



#34

2-Methylnaphthalene

Concen: 2.78 ng/ul

RT: 12.12 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM001842.D

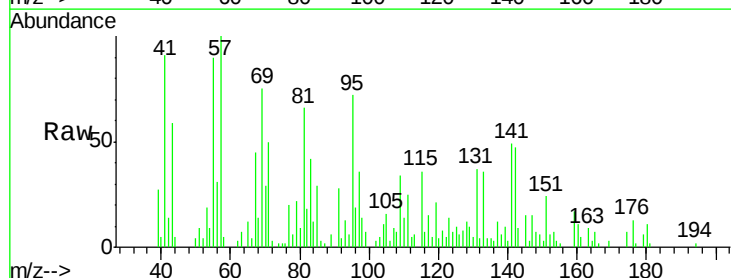
Acq: 06 Jul 2015 18:32

Tgt Ion:142 Resp: 11465

Ion Ratio Lower Upper

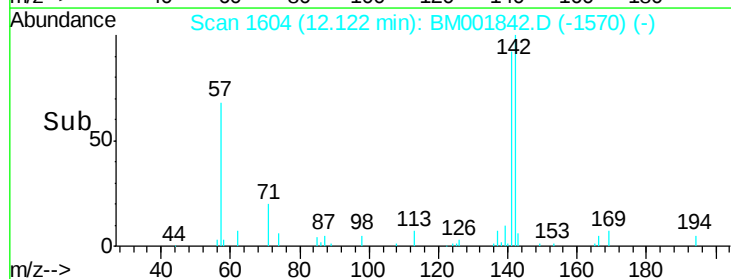
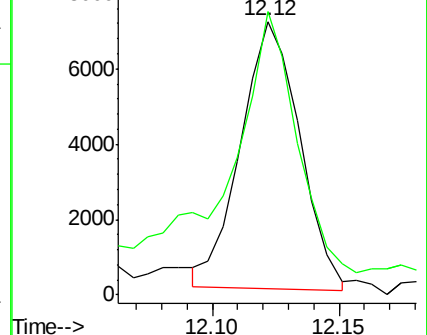
142 100

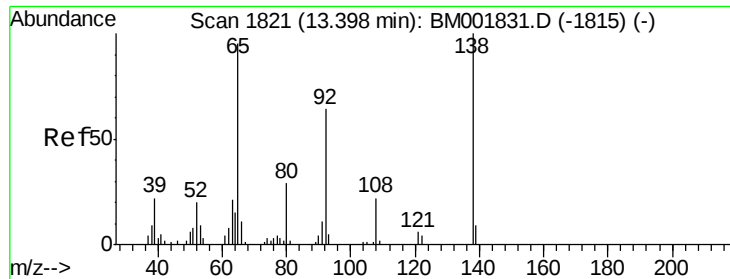
141 103.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

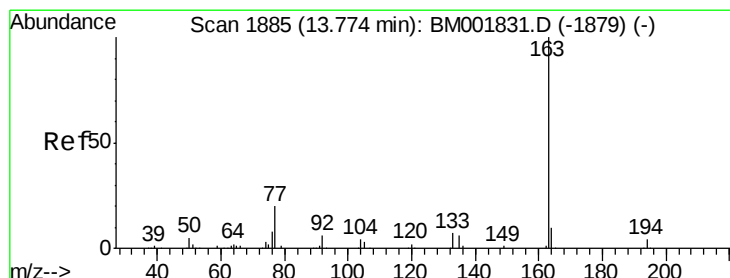
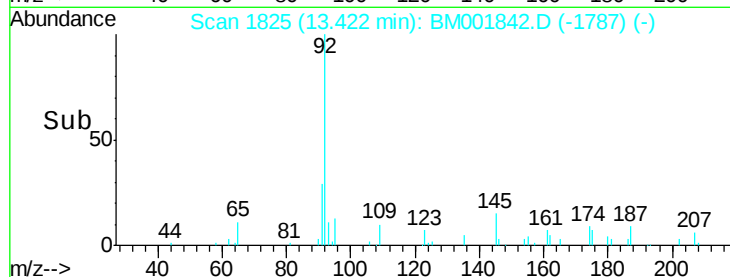
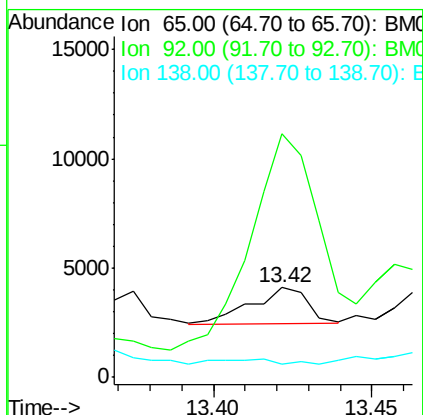
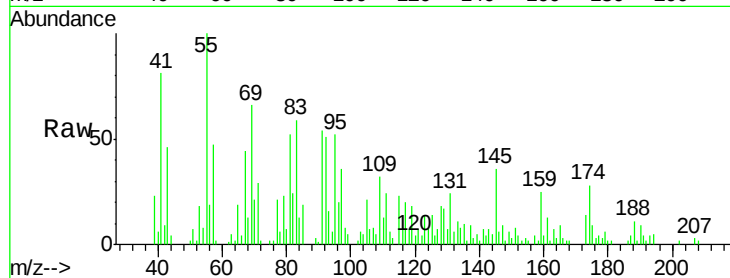




#42
2-Nitroaniline
Concen: 1.81 ng/ul
RT: 13.42 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

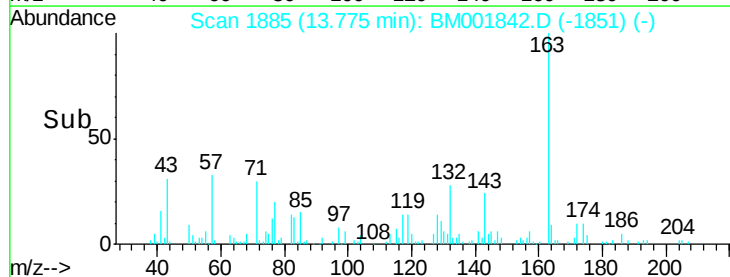
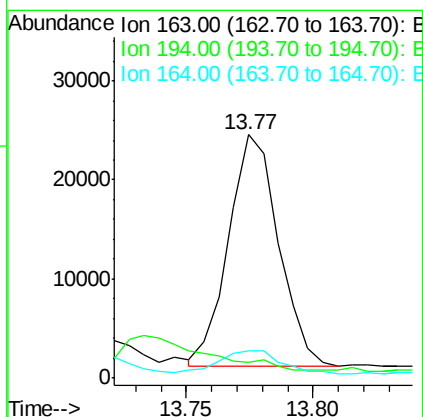
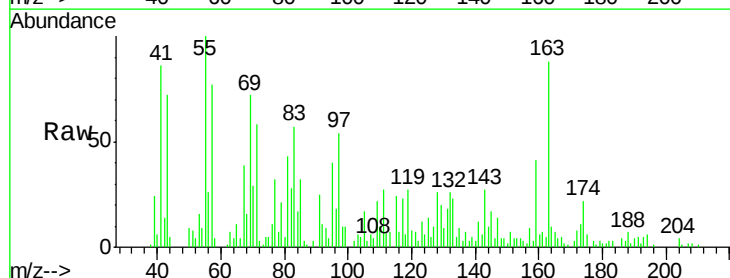
Instrument :
BNA_M
ClientSampled :
G93L4DL

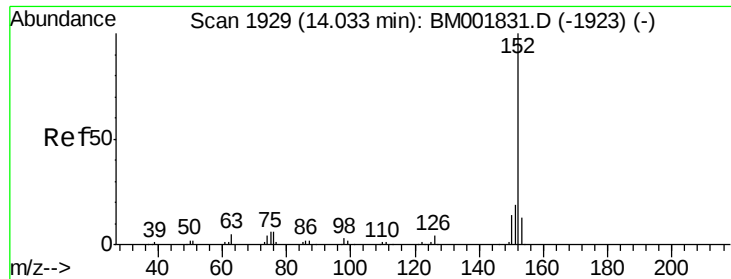
Tgt Ion: 65 Resp: 2051
Ion Ratio Lower Upper
65 100
92 271.2 52.1 78.1#
138 14.7 78.8 118.2#



#44
Dimethylphthalate
Concen: 5.95 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

Tgt Ion: 163 Resp: 32226
Ion Ratio Lower Upper
163 100
194 6.7 3.6 5.4#
164 11.0 8.0 12.0

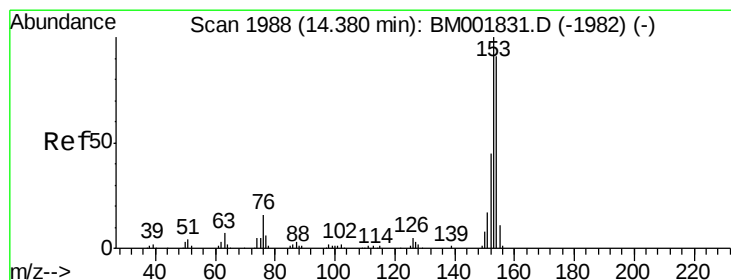
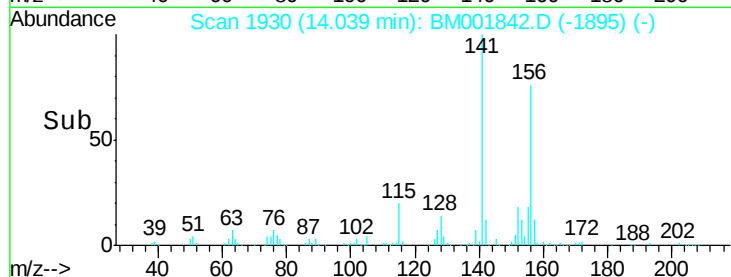
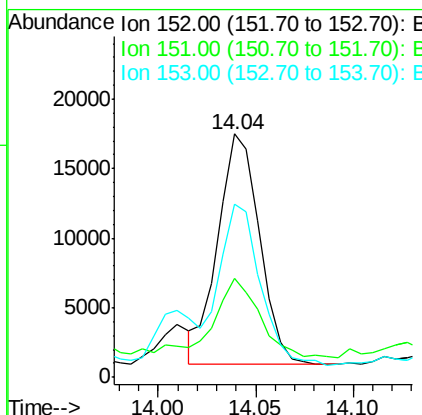
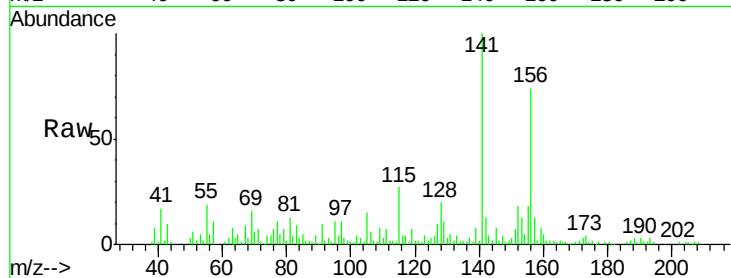




#47
Acenaphthylene
Concen: 3.72 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

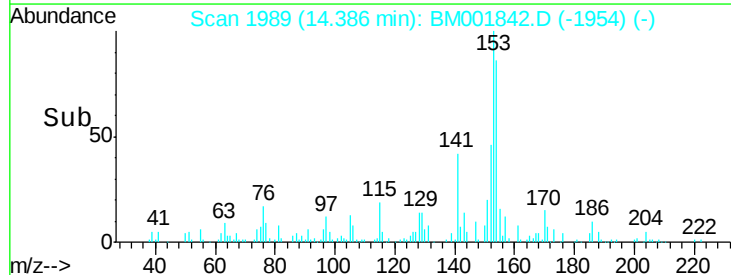
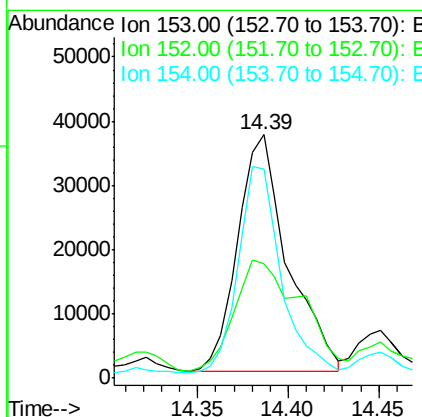
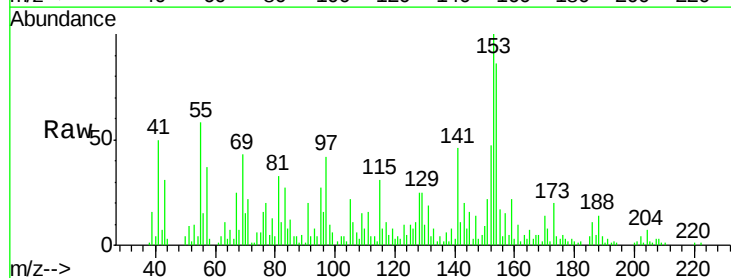
Instrument :
BNA_M
ClientSampleId :
G93L4DL

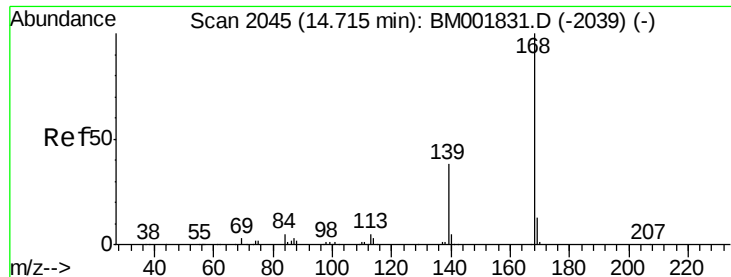
Tgt Ion:152 Resp: 24634
Ion Ratio Lower Upper
152 100
151 40.6 15.9 23.9#
153 71.1 10.0 15.0#



#49
Acenaphthene
Concen: 15.98 ng/ul
RT: 14.39 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

Tgt Ion:153 Resp: 70686
Ion Ratio Lower Upper
153 100
152 47.2 36.6 55.0
154 85.7 72.6 108.8





#53

Dibenzofuran

Concen: 1.77 ng/ul

RT: 14.63 min Scan# 2031

Delta R.T. -0.08 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

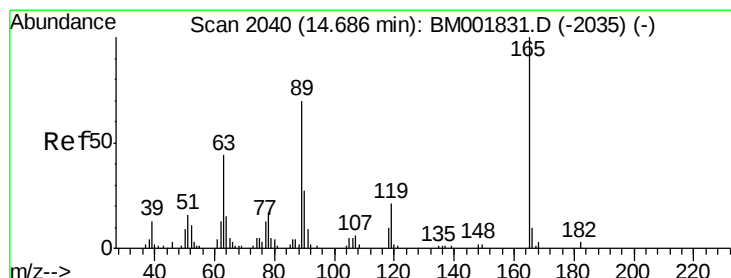
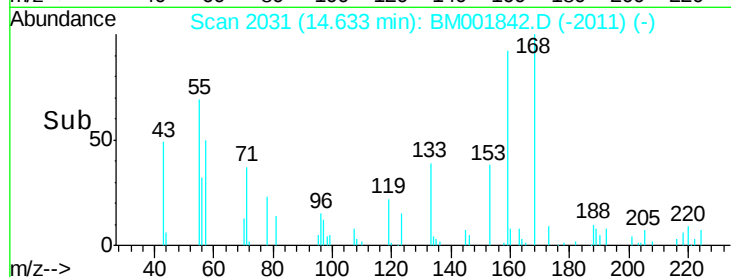
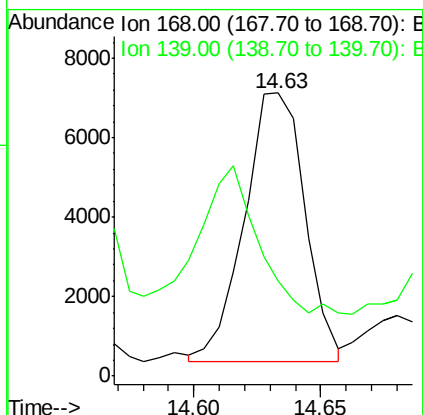
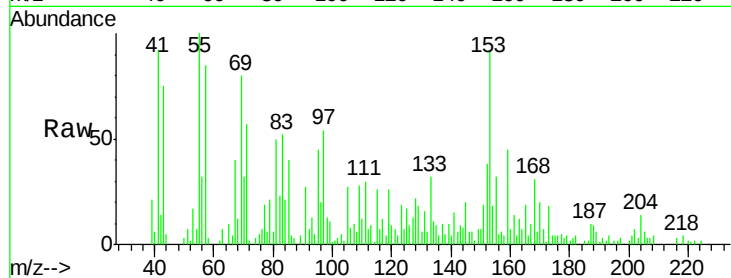
G93L4DL

Tgt Ion:168 Resp: 11196

Ion Ratio Lower Upper

168 100

139 33.5 30.1 45.1



#54

2,4-Dinitrotoluene

Concen: 3.08 ng/ul

RT: 14.68 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

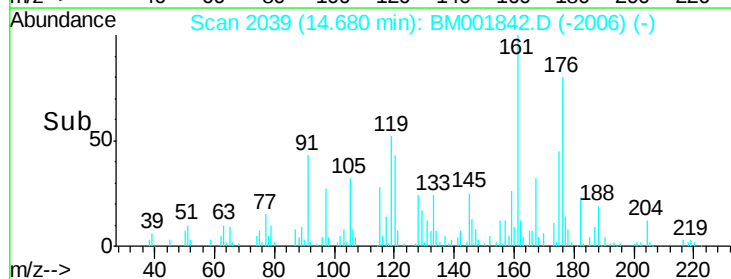
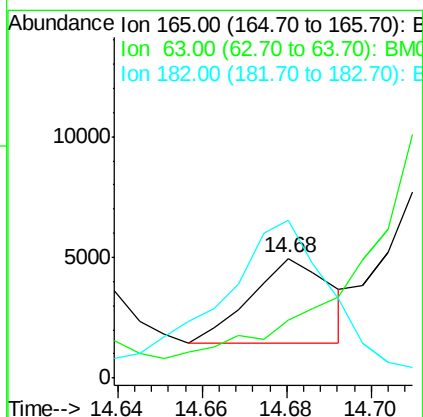
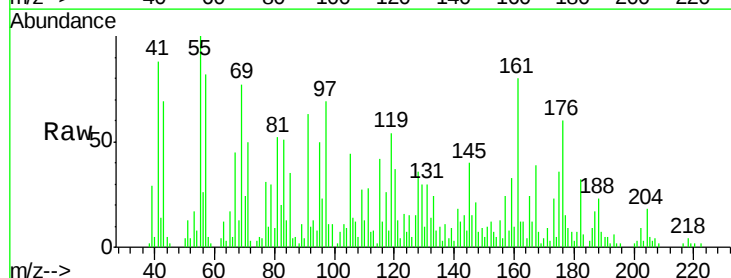
Tgt Ion:165 Resp: 4620

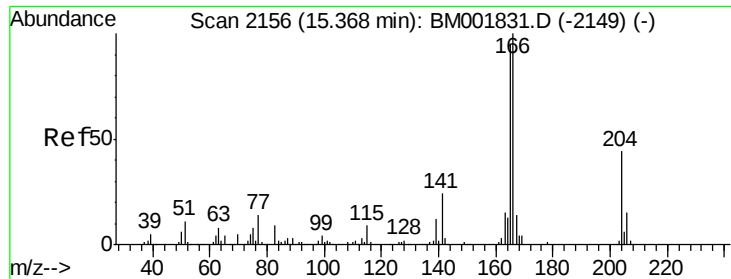
Ion Ratio Lower Upper

165 100

63 48.8 35.4 53.2

182 131.7 2.1 3.1#





#58

Fluorene

Concen: 17.29 ng/ul

RT: 15.37 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

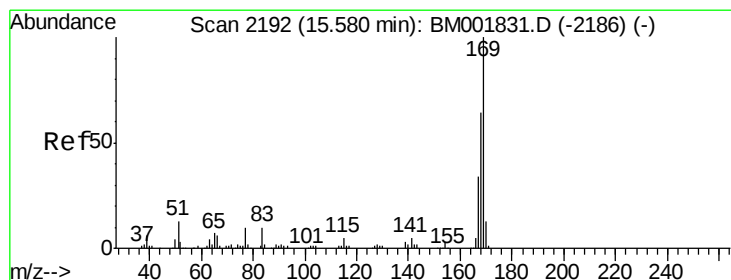
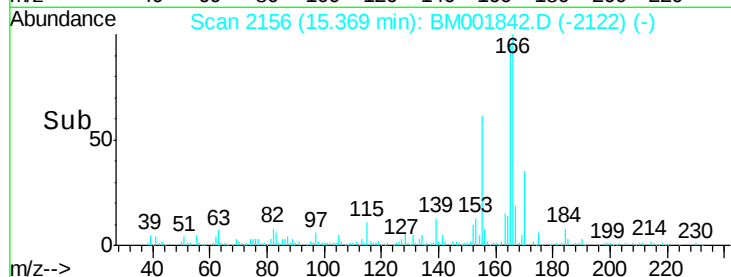
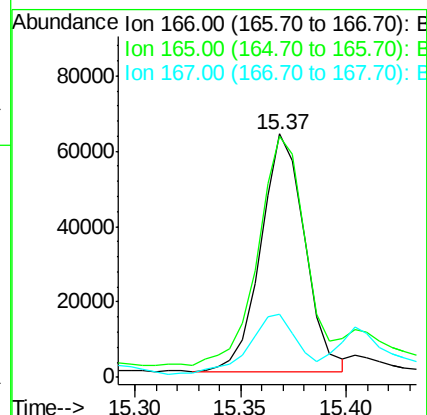
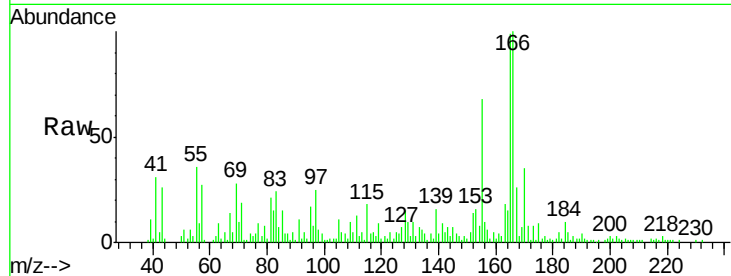
Tgt Ion:166 Resp: 91174

Ion Ratio Lower Upper

166 100

165 99.1 77.4 116.2

167 26.0 11.3 16.9#



#64

N-Nitrosodiphenylamine

Concen: 21.99 ng/ul

RT: 15.58 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

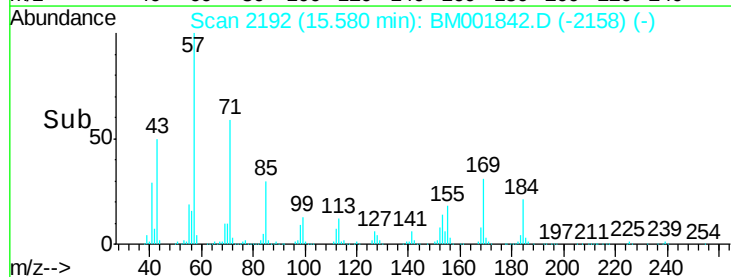
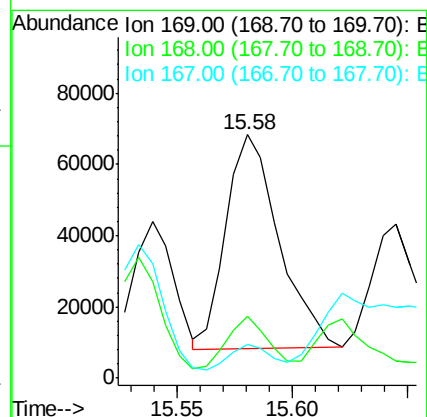
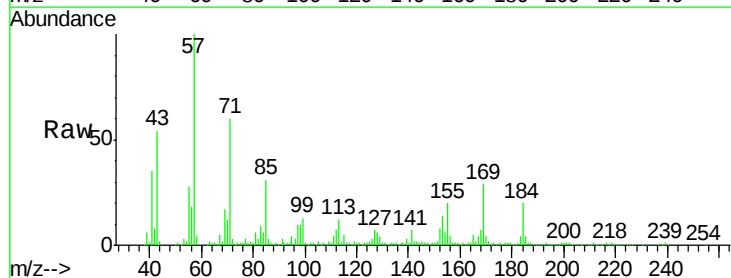
Tgt Ion:169 Resp: 96186

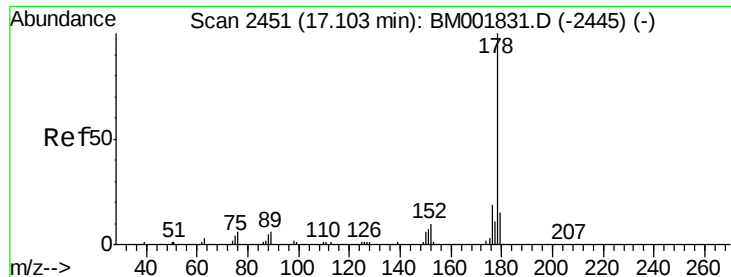
Ion Ratio Lower Upper

169 100

168 25.3 52.9 79.3#

167 13.7 27.5 41.3#





#69

Phenanthrene

Concen: 45.99 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

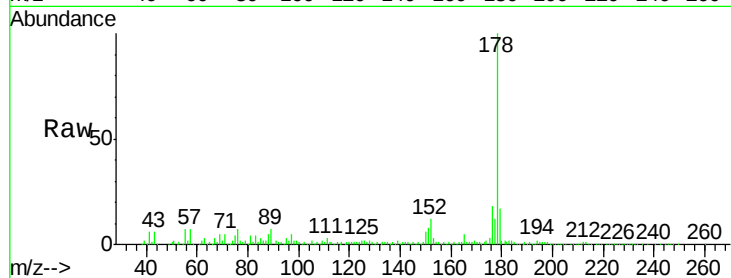
Tgt Ion:178 Resp: 373386

Ion Ratio Lower Upper

178 100

179 17.4 11.9 17.9

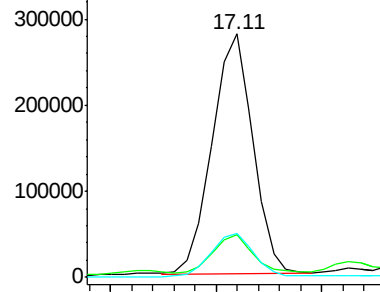
176 18.2 15.2 22.8



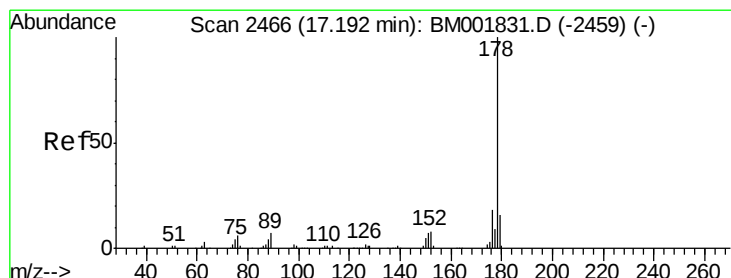
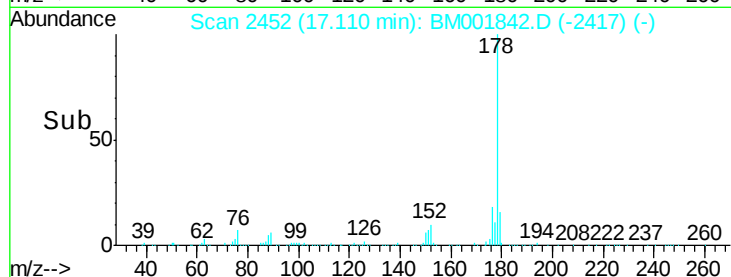
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 44.97 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. -0.08 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

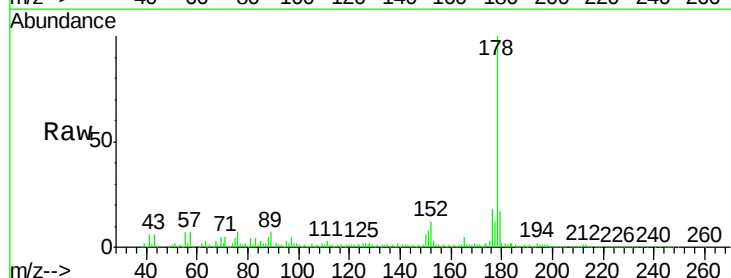
Tgt Ion:178 Resp: 374853

Ion Ratio Lower Upper

178 100

179 17.4 11.8 17.8

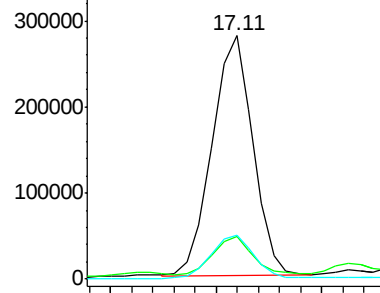
176 18.2 14.4 21.6



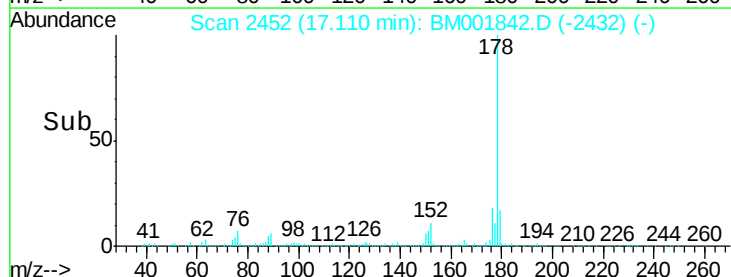
Abundance Ion 178.00 (177.70 to 178.70): E

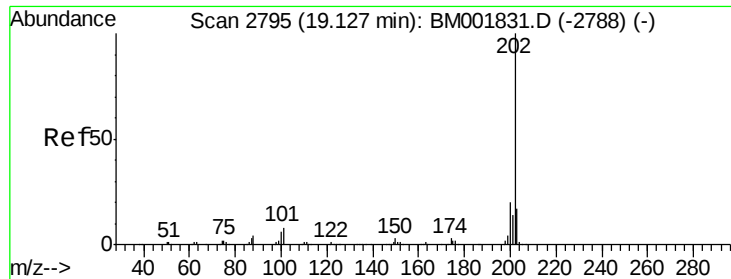
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

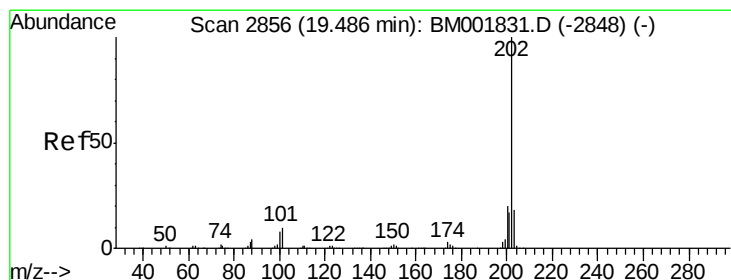
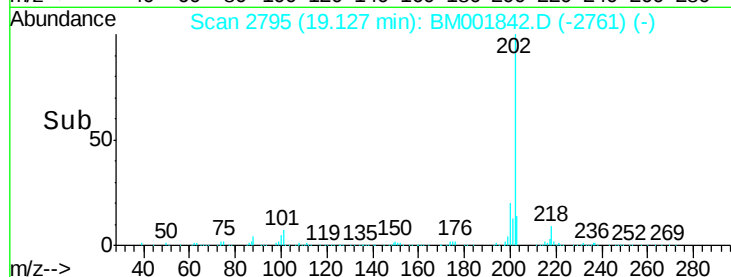
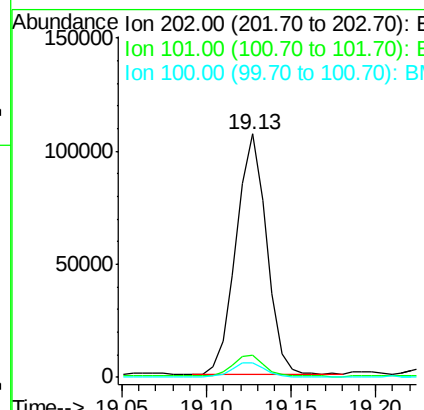
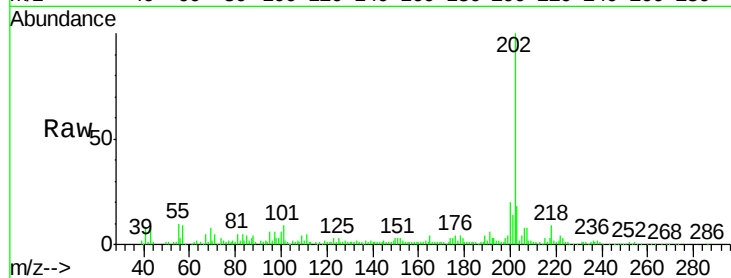




#76
Fluoranthene
Concen: 13.86 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

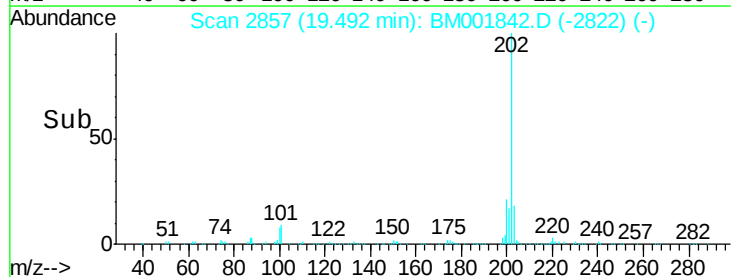
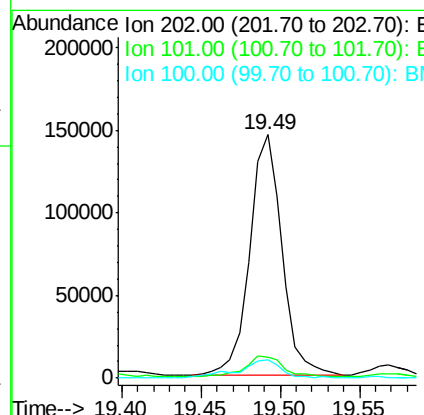
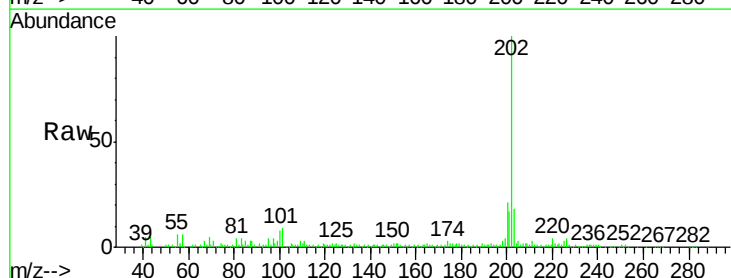
Instrument :
BNA_M
ClientSampleId :
G93L4DL

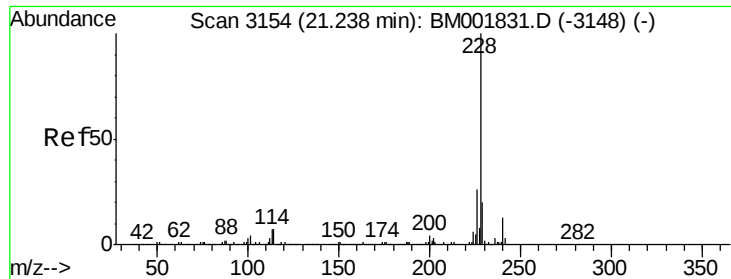
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.1	9.1#
100	5.9	4.8	7.2



#79
Pyrene
Concen: 21.13 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	7.8	6.2	9.2

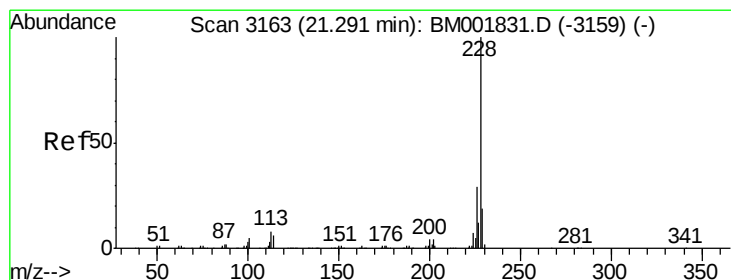
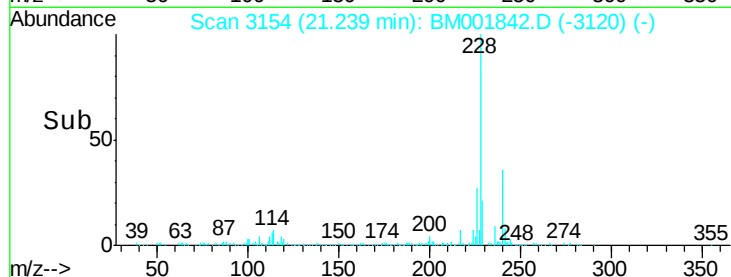
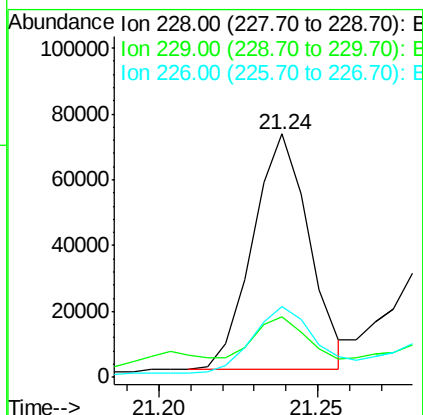
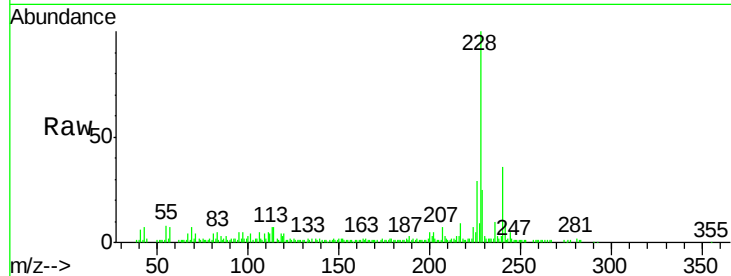




#82
Benzo(a)anthracene
Concen: 8.58 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

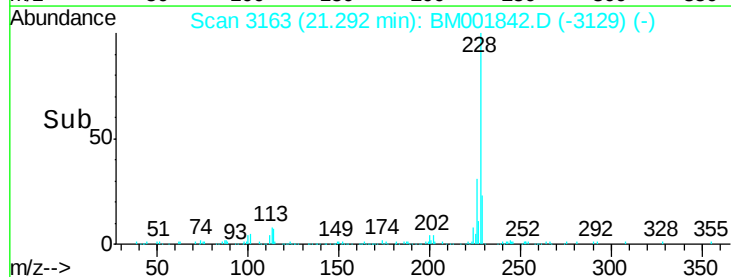
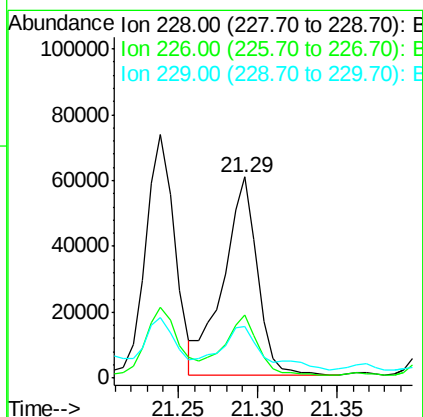
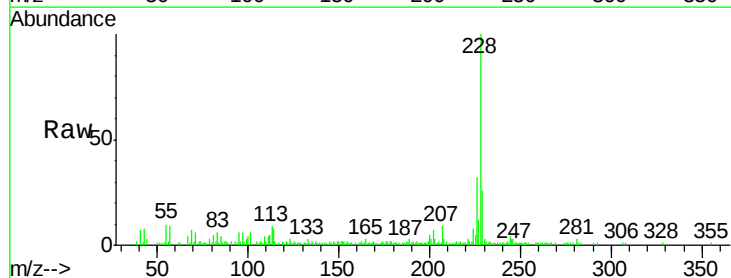
Instrument :
BNA_M
ClientSampleId :
G93L4DL

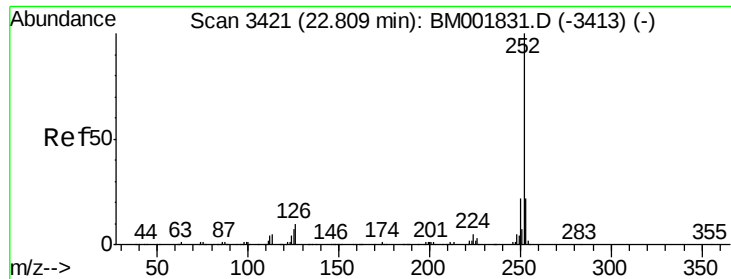
Tgt Ion:228 Resp: 88371
Ion Ratio Lower Upper
228 100
229 24.8 15.4 23.0#
226 28.8 20.6 30.8



#84
Chrysene
Concen: 9.24 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

Tgt Ion:228 Resp: 90179
Ion Ratio Lower Upper
228 100
226 31.7 23.0 34.4
229 25.9 15.4 23.2#

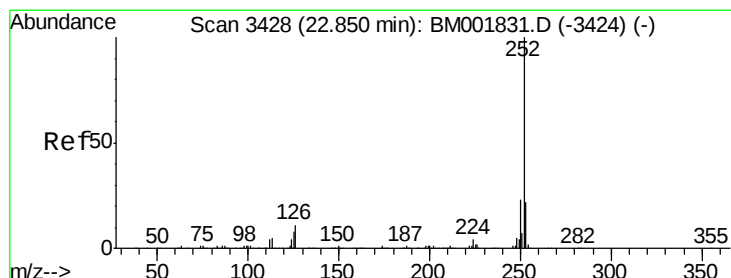
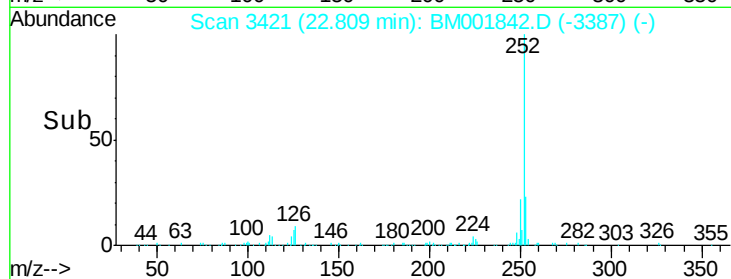
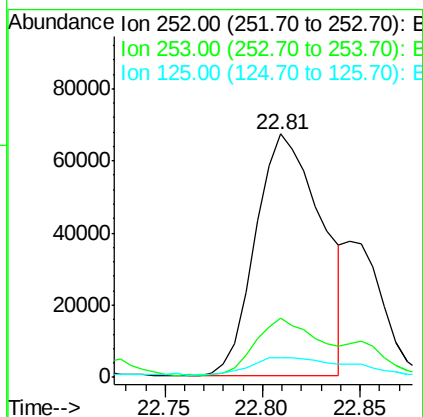
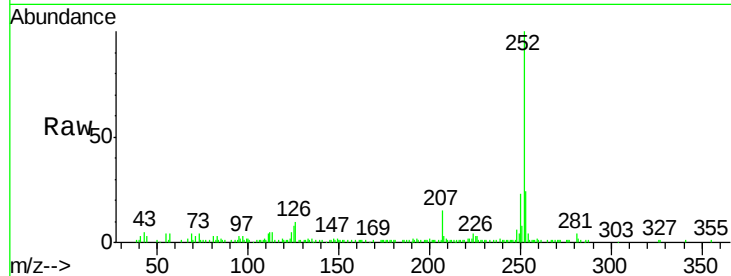




#87
Benzo(b)fluoranthene
Concen: 15.09 ng/u1
RT: 22.81 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

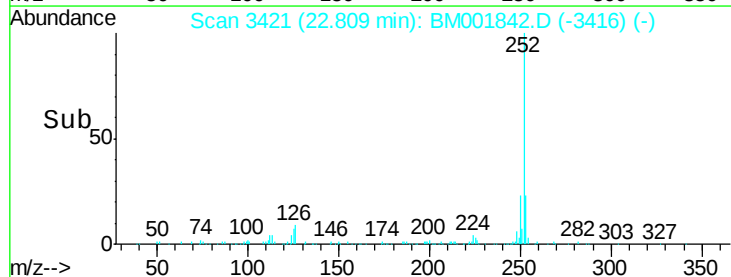
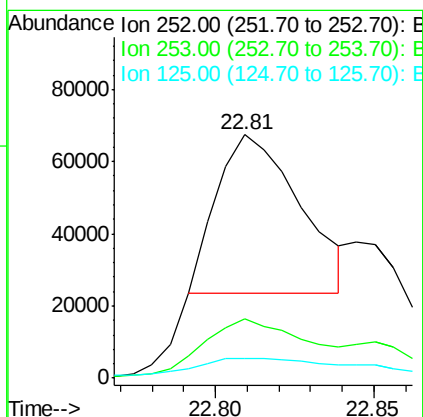
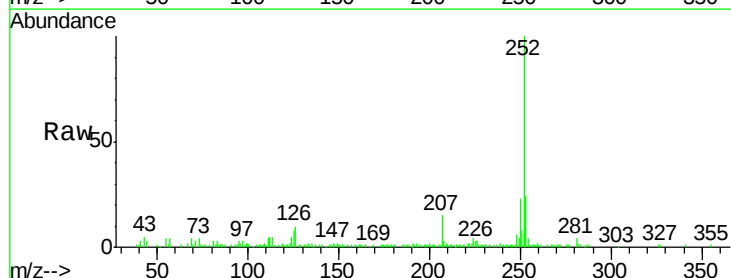
Instrument :
BNA_M
ClientSampleId :
G93L4DL

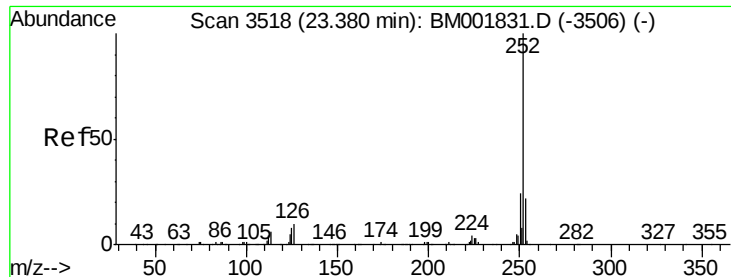
Tgt Ion:252 Resp: 157841
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 8.1 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 7.90 ng/u1
RT: 22.81 min Scan# 3421
Delta R.T. -0.04 min
Lab File: BM001842.D
Acq: 06 Jul 2015 18:32

Tgt Ion:252 Resp: 79914
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 8.1 5.3 7.9#





#90

Benzo(a)pyrene

Concen: 14.55 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

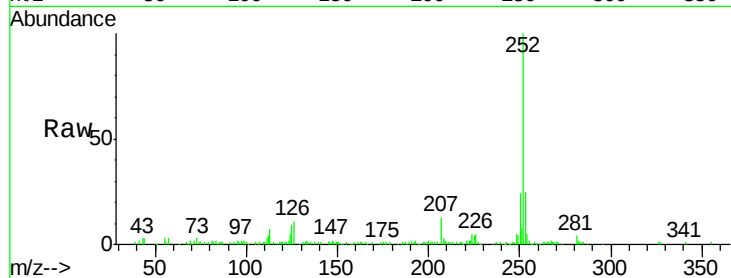
Tgt Ion:252 Resp: 148032

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

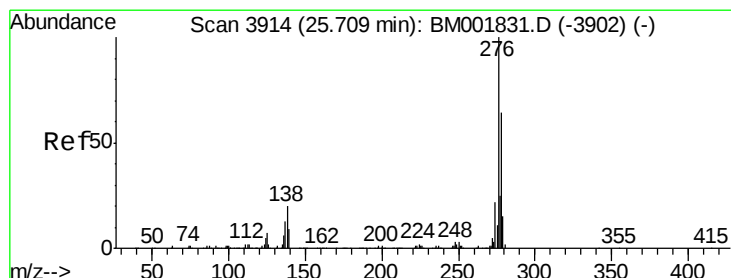
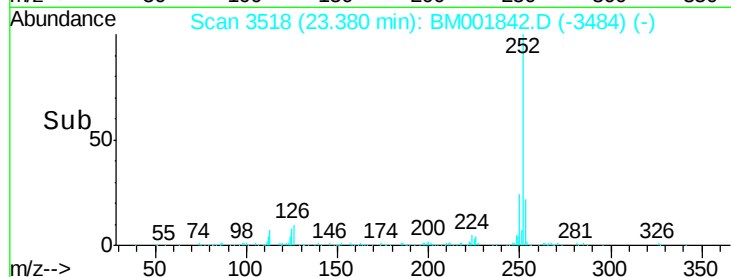
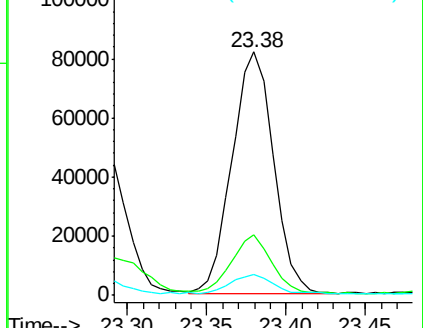
125 8.8 6.0 9.0



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: 11.58 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

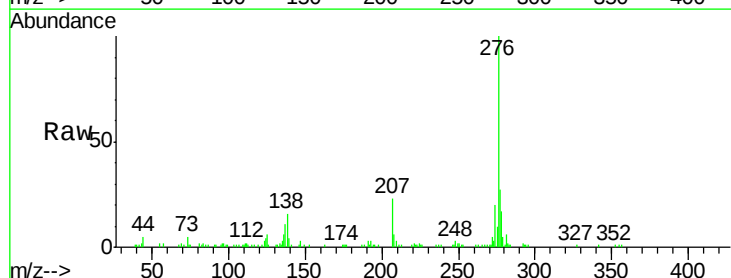
Tgt Ion:276 Resp: 139749

Ion Ratio Lower Upper

276 100

138 15.9 14.7 22.1

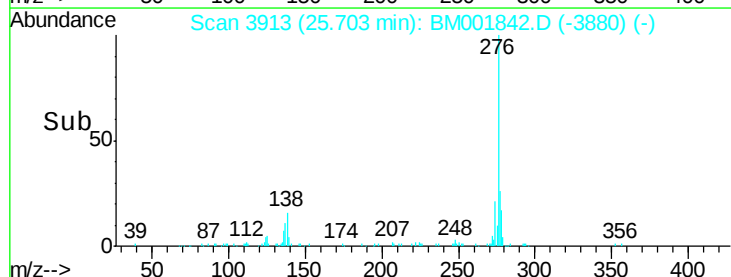
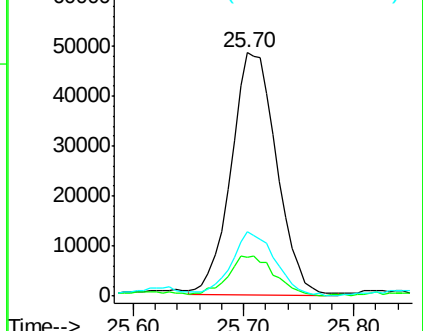
277 26.7 19.7 29.5

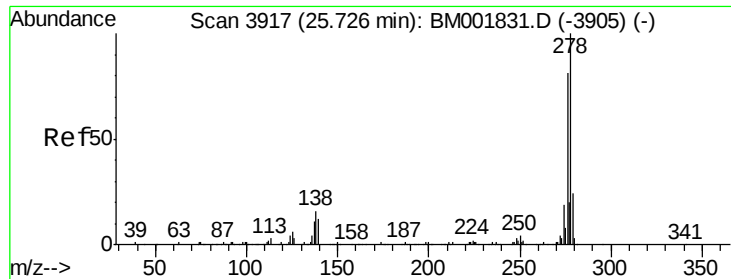


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 2.93 ng/ul

RT: 25.71 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

Instrument :

BNA_M

ClientSampleId :

G93L4DL

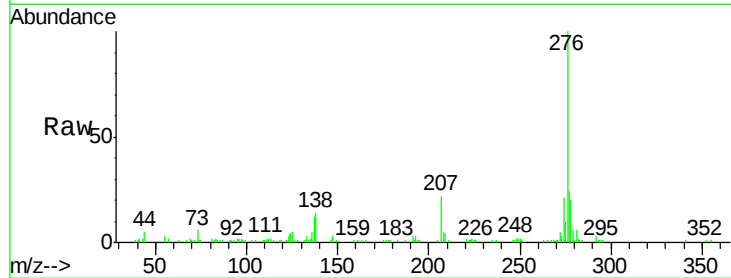
Tgt Ion:278 Resp: 29799

Ion Ratio Lower Upper

278 100

139 0.0 9.2 13.8#

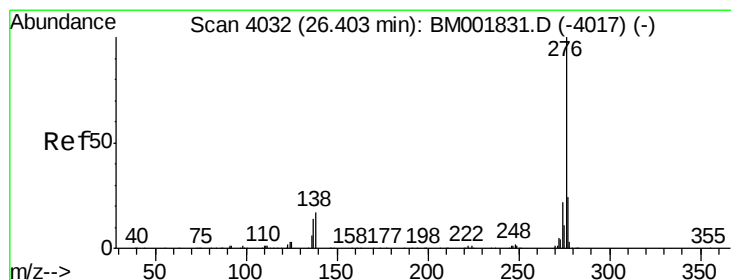
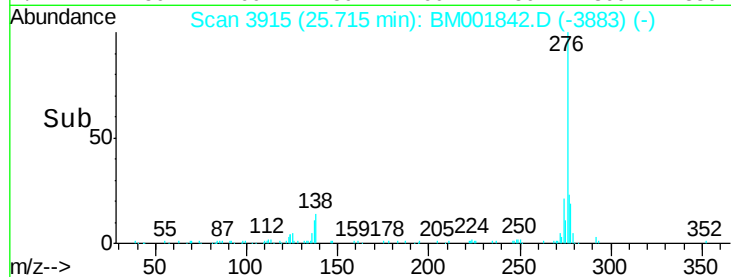
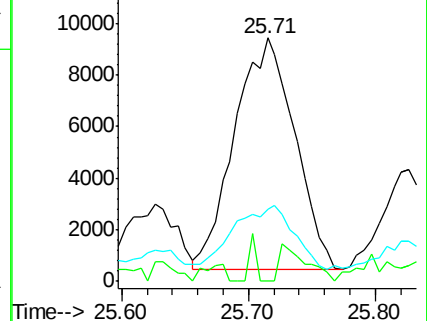
279 29.7 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 13.12 ng/ul

RT: 26.40 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM001842.D

Acq: 06 Jul 2015 18:32

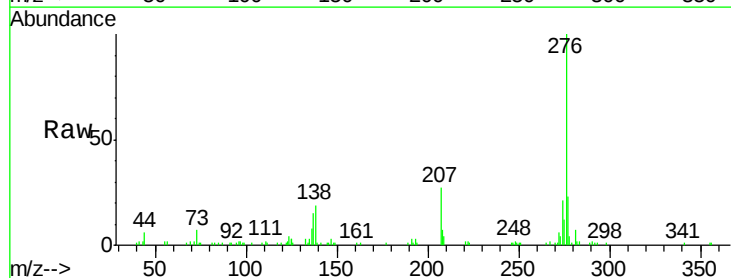
Tgt Ion:276 Resp: 133178

Ion Ratio Lower Upper

276 100

138 19.2 12.6 19.0#

277 23.3 18.7 28.1



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

