

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012725.D
 Acq On : 05 Nov 2017 01:55
 Operator : SJ/JU
 Sample : I5825-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

Quant Time: Nov 06 03:25:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	88037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	337392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	214179	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.30	188	659602	20.00	ng/ul	0.11
77) Chrysene-d12	21.38	240	555101	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	606027	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8652	5.31	ng/uL	0.00
5) Phenol-d5	6.99	99	184283	28.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	148686	41.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	154173	28.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	138781	24.54	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	74166	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	84905	29.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	162967	27.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2256648	399.92	ng/ul	-0.01
43) Dimethylphthalate-d6	13.87	166	479960	27.08	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	631273	28.80	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	109534	38.57	ng/ul	0.00
57) Fluorene-d10	15.46	176	427980	28.19	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.66	200	26592	6.11	ng/ul	0.09
70) Anthracene-d10	17.30	188	658663	20.67	ng/ul	0.01
78) Pyrene-d10	19.59	212	757499	29.41	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.54	264	871173	30.40	ng/ul	0.03

Target Compounds

						Ovalue
4) Benzaldehyde	6.97	77	87794	25.20	ng/ul#	1
6) Phenol	7.01	94	28973	4.31	ng/ul#	78
11) 2-Methylphenol	8.26	108	18261	3.57	ng/ul	95
14) Acetophenone	8.62	105	416396	48.94	ng/ul#	38
15) N-Nitroso-di-n-propylamine	8.64	70	7656	1.87	ng/ul#	54
16) 4-Methylphenol	8.59	108	71078	12.80	ng/ul	93
17) Hexachloroethane	8.92	117	644866	285.00	ng/ul#	7
20) Nitrobenzene	9.00	77	109255	18.62	ng/ul#	22
21) Isophorone	9.54	82	290363	27.48	ng/ul#	1
23) 2-Nitrophenol	9.75	139	20921	6.81	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	10.02	93	11951	1.81	ng/ul#	1
27) 2,4-Dichlorophenol	10.27	162	15775	2.77	ng/ul#	35
28) Naphthalene	10.66	128	2072099	122.84	ng/ul#	90
30) 4-Chloroaniline	10.79	127	11301	1.99	ng/ul#	1
32) Caprolactam	11.54	113	16752	10.45	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.91	107	7637	1.38	ng/ul#	40
34) 2-Methylnaphthalene	12.27	142	384244	29.81	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	6336	1.21	ng/ul#	12
40) 1,1'-Biphenyl	13.29	154	65779	3.71	ng/ul#	83
42) 2-Nitroaniline	13.55	65	14556	4.40	ng/ul#	36
44) Dimethylphthalate	13.91	163	81790	4.65	ng/ul#	51
47) Acenaphthylene	14.19	152	64548	3.04	ng/ul#	1
48) 3-Nitroaniline	14.37	138	16490	5.55	ng/ul#	69

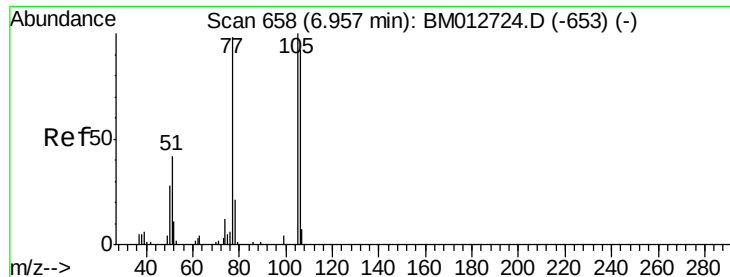
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.53	153	139748	9.65	ng/ul#	85
52) 4-Nitrophenol	14.70	109	16990	6.78	ng/ul#	26
53) Dibenzofuran	14.86	168	127123	6.02	ng/ul#	41
54) 2,4-Dinitrotoluene	14.82	165	13925	2.69	ng/ul#	59
56) Diethylphthalate	15.27	149	79937	4.68	ng/ul#	62
58) Fluorene	15.51	166	304837	17.38	ng/ul#	85
64) N-Nitrosodiphenylamine	15.79	169	189396	9.51	ng/ul#	45
67) Atrazine	16.79	200	61253	7.70	ng/ul#	73
69) Phenanthrene	17.34	178	160376	4.45	ng/ul#	82
71) Anthracene	17.45	178	52259	1.40	ng/ul#	1
75) Di-n-butylphthalate	18.17	149	8291822	226.98	ng/ul	99
79) Pyrene	19.62	202	1094974	33.06	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	373915	11.13	ng/ul#	88
83) Bis(2-ethylhexyl)phthalate	21.29	149	42041	2.39	ng/ul#	56
84) Chrysene	21.42	228	473010	15.54	ng/ul#	92
87) Benzo(b)fluoranthene	22.99	252	493414	13.32	ng/ul#	75
88) Benzo(k)fluoranthene	22.99	252	493414	14.02	ng/ul#	74
90) Benzo(a)pyrene	23.58	252	273439	7.76	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	26.00	276	204654	4.82	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.00	278	62507	1.74	ng/ul#	51
93) Benzo(g,h,i)perylene	26.73	276	180208	5.15	ng/ul#	92

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



#4

Benzaldehyde

Concen: 25.20 ng/ul

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

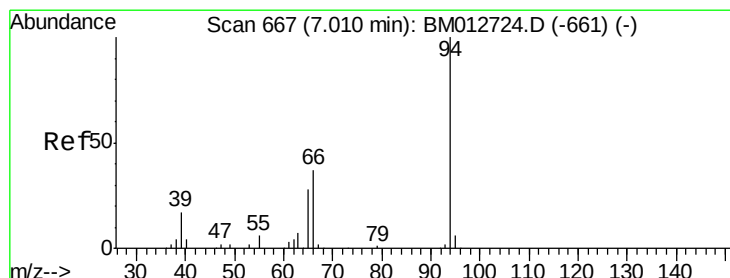
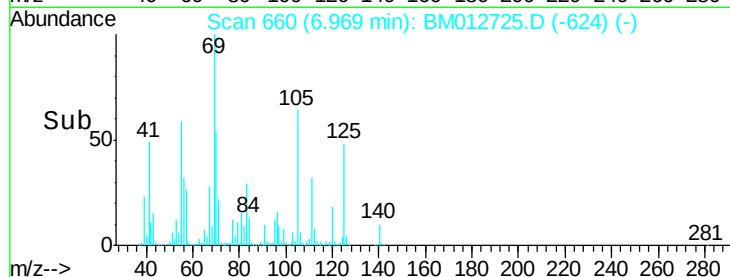
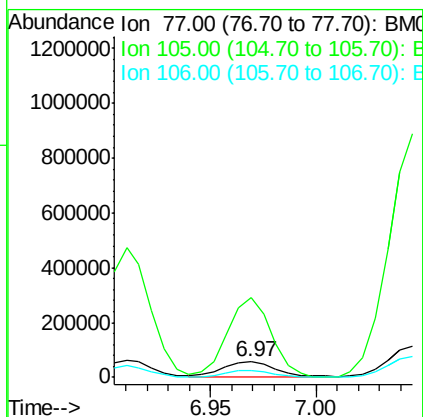
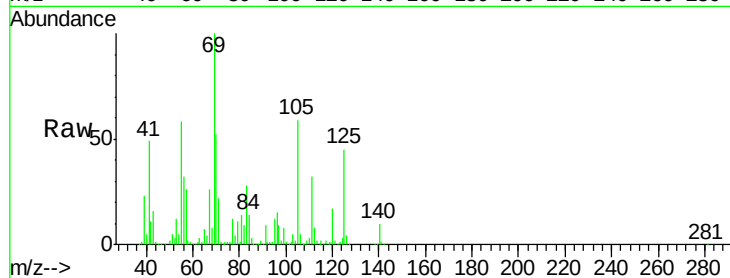
Tot Ion: 77 Resp: 87794

Ion Ratio Lower Upper

77 100

105 503.9 80.6 120.8#

106 46.0 77.7 116.5#



#6

Phenol

Concen: 4.31 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

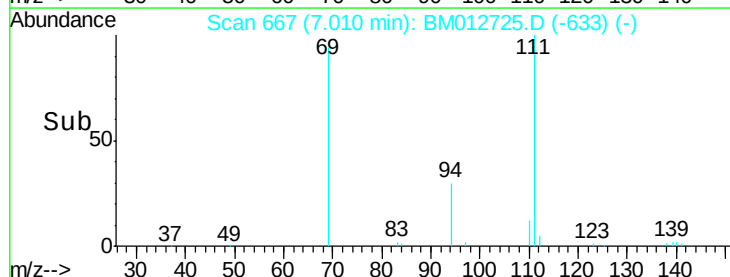
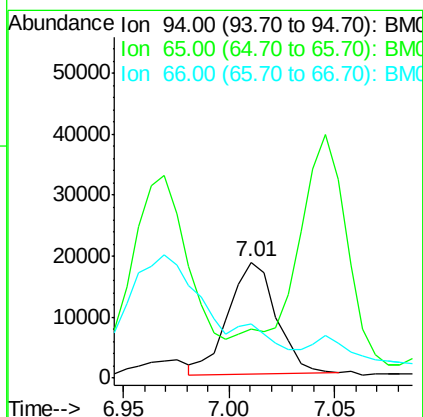
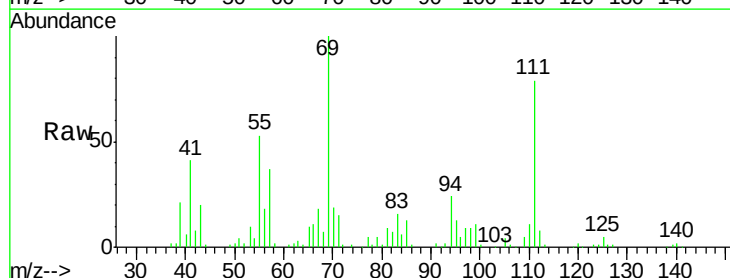
Tgt Ion: 94 Resp: 28973

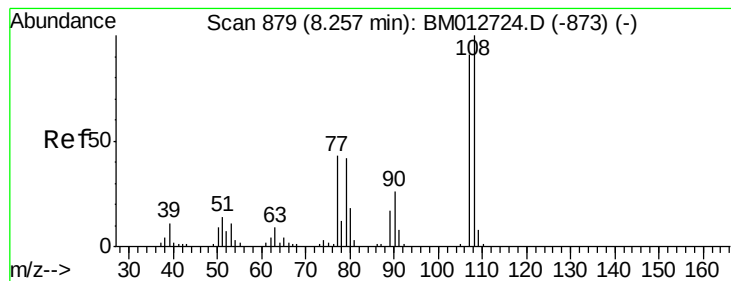
Ion Ratio Lower Upper

94 100

65 42.1 21.0 31.6#

66 46.3 29.3 43.9#





#11

2-Methylphenol

Concen: 3.57 ng/ul

RT: 8.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

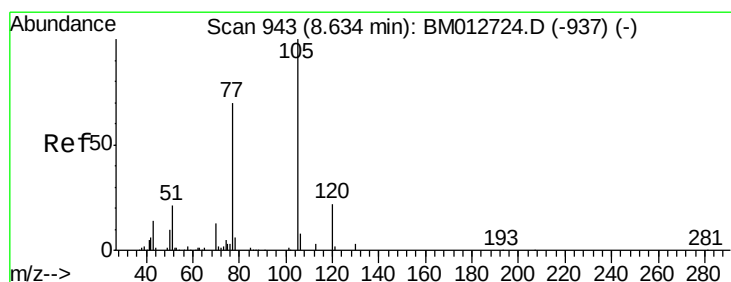
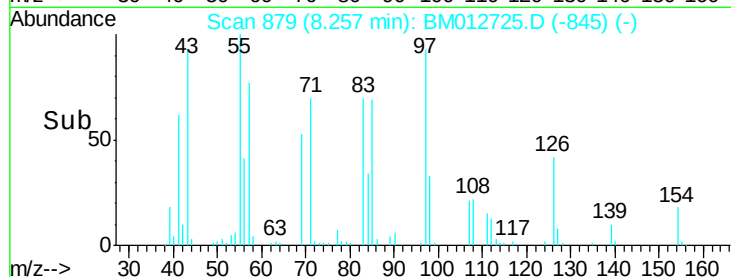
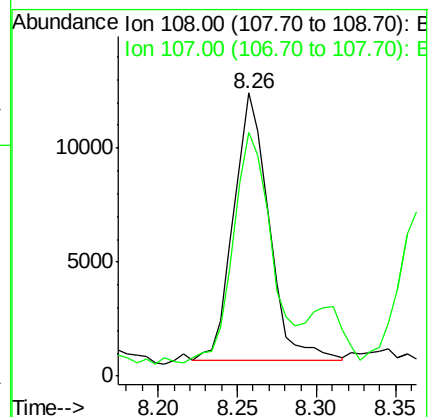
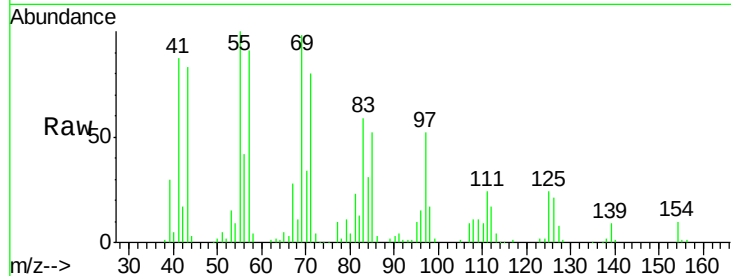
B-67(2.5-3.8)-101017

Tot Ion:108 Resp: 18261

Ion Ratio Lower Upper

108 100

107 86.0 72.4 108.6



#14

Acetophenone

Concen: 48.94 ng/ul

RT: 8.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

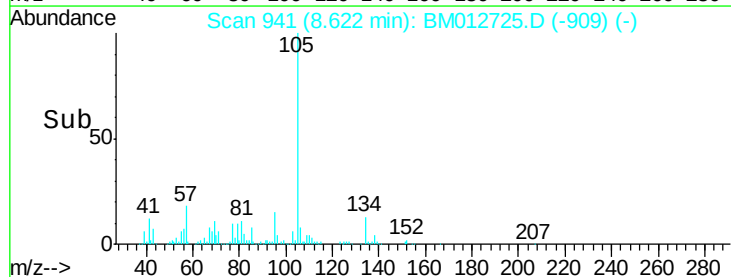
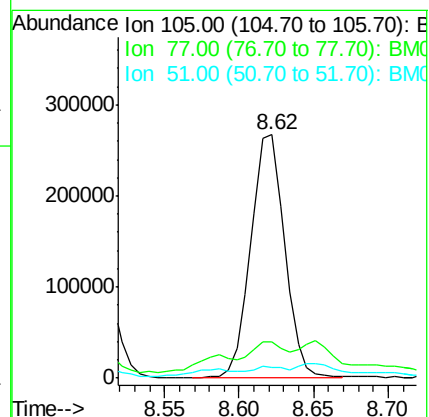
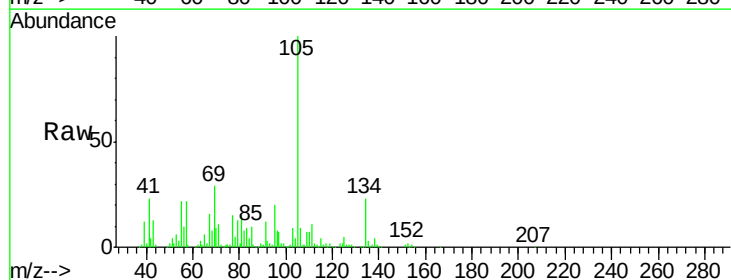
Tgt Ion:105 Resp: 416396

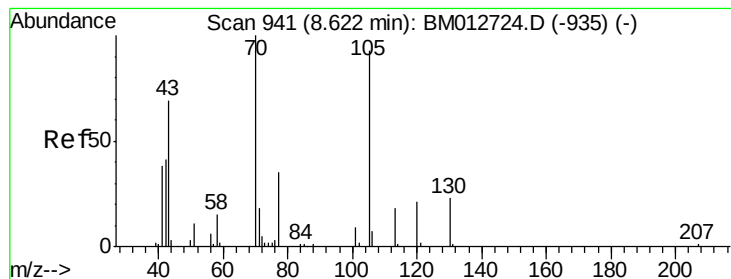
Ion Ratio Lower Upper

105 100

77 14.8 59.0 88.4#

51 4.5 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 1.87 ng/ul

RT: 8.64 min Scan# 944

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion: 70 Resp: 7656

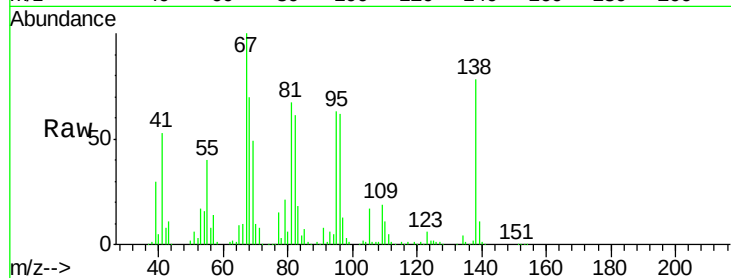
Ion Ratio Lower Upper

70 100

42 76.9 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

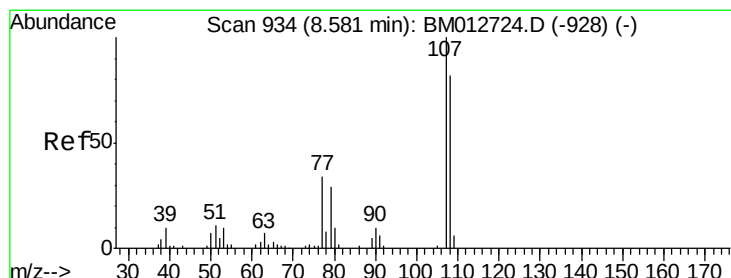
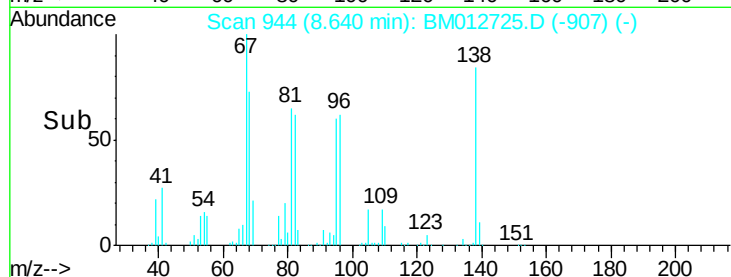
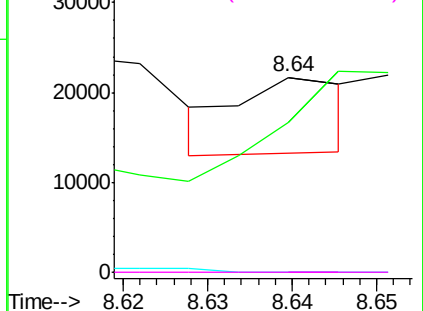


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 12.80 ng/ul

RT: 8.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BM012725.D

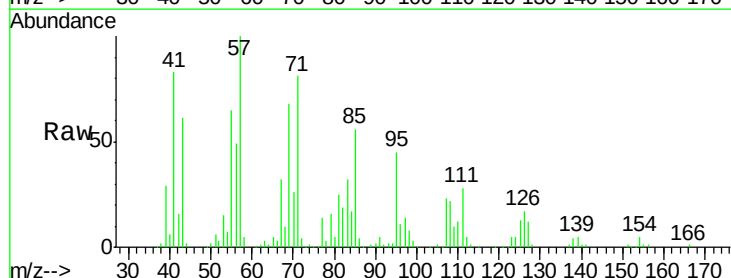
Acq: 05 Nov 2017 01:55

Tgt Ion: 108 Resp: 71078

Ion Ratio Lower Upper

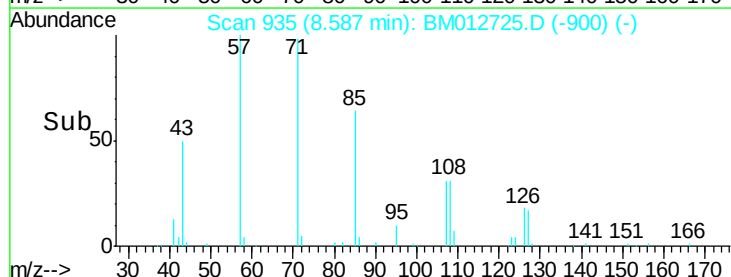
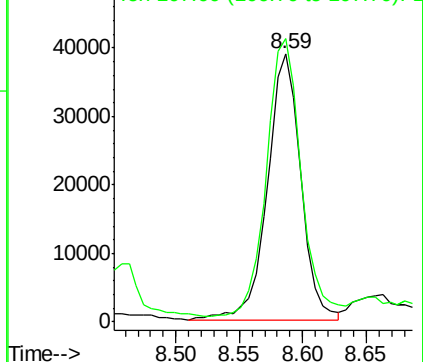
108 100

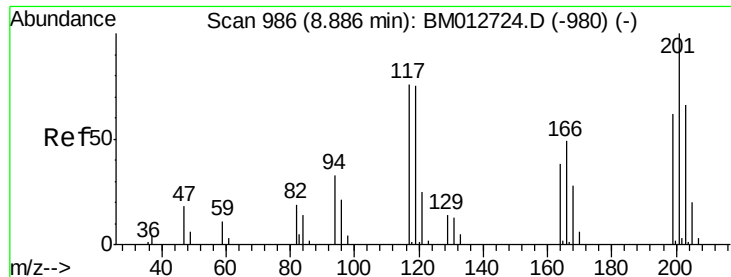
107 105.6 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

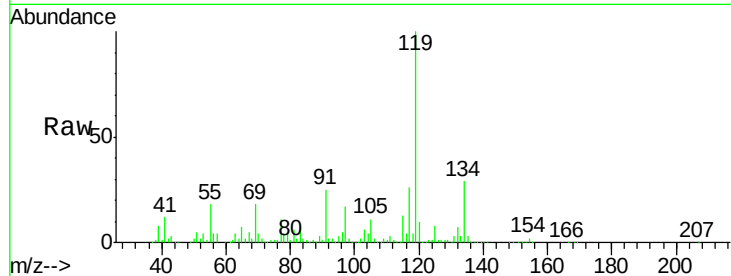




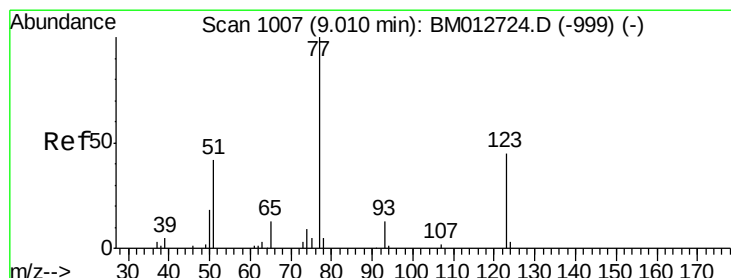
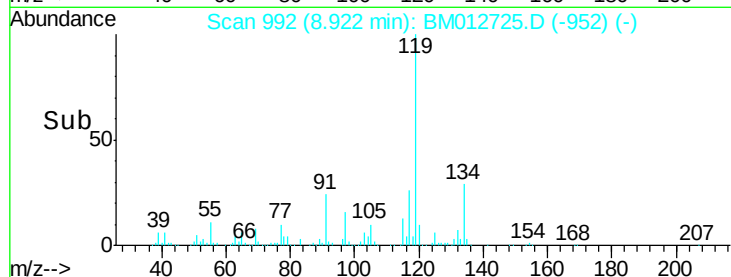
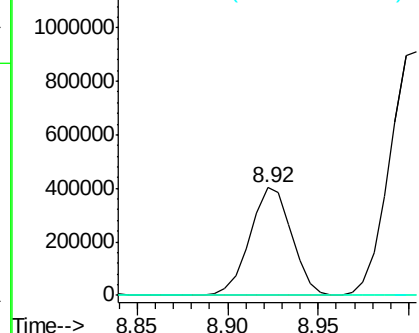
#17
Hexachloroethane
Concen: 285.00 ng/ul
RT: 8.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Instrument :
BNA_M
ClientSampleId :
B-67(2.5-3.8)-101017

Tot Ion:117 Resp: 644866
Ion Ratio Lower Upper
117 100
201 0.0 81.5 122.3#
199 0.0 50.6 76.0#

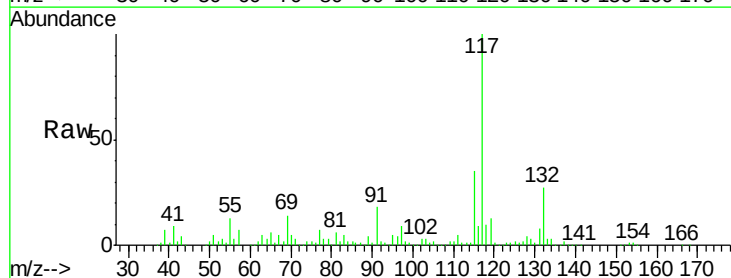


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

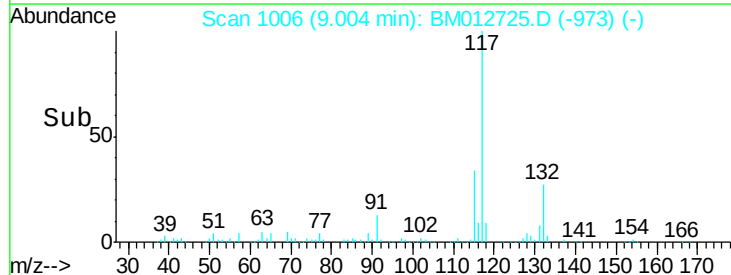
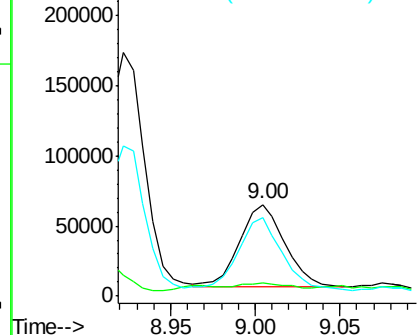


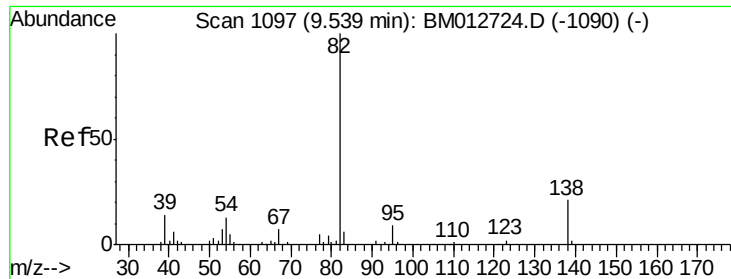
#20
Nitrobenzene
Concen: 18.62 ng/ul
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Tgt Ion: 77 Resp: 109255
Ion Ratio Lower Upper
77 100
123 14.9 39.0 58.4#
65 86.4 10.4 15.6#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 27.48 ng/ul

RT: 9.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

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BNA_M

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B-67(2.5-3.8)-101017

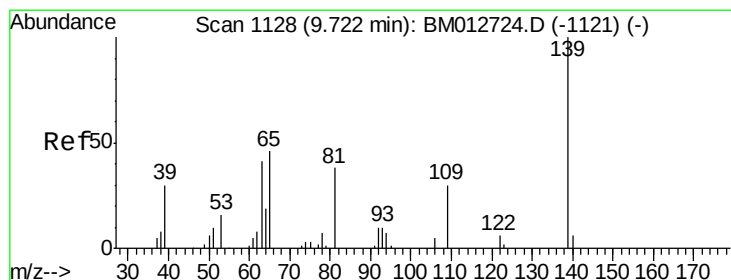
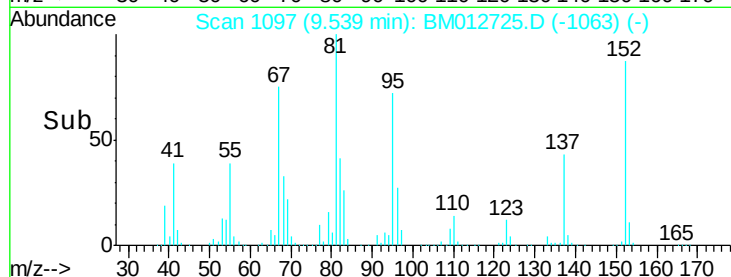
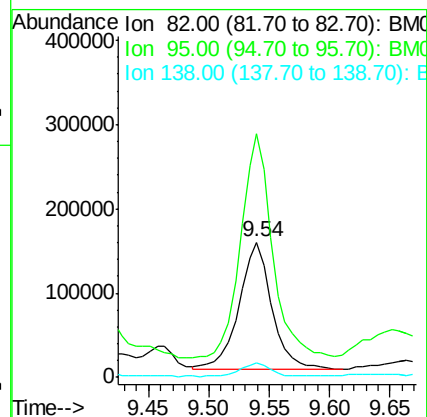
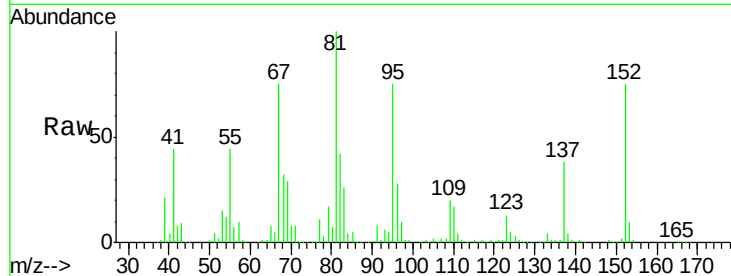
Tot Ion: 82 Resp: 290363

Ion Ratio Lower Upper

82 100

95 179.9 6.4 9.6#

138 10.3 14.9 22.3#



#23

2-Nitrophenol

Concen: 6.81 ng/ul

RT: 9.75 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

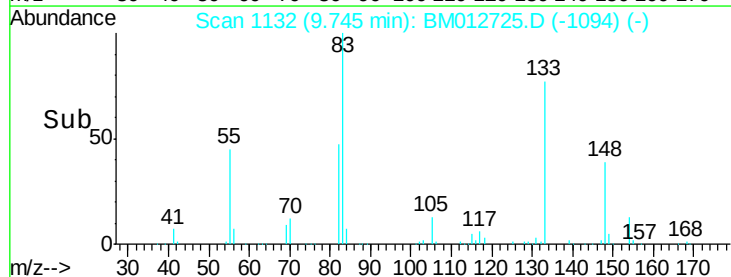
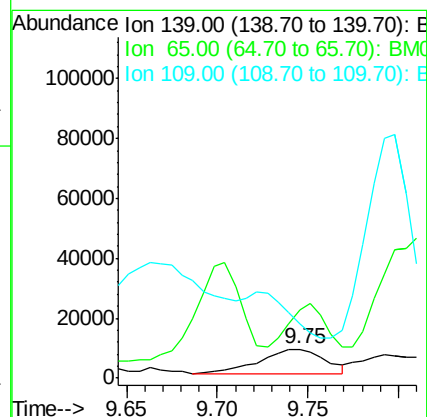
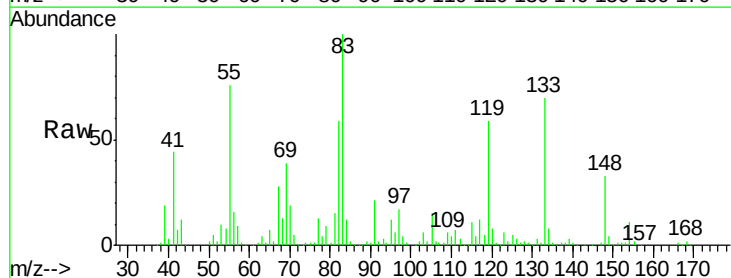
Tgt Ion: 139 Resp: 20921

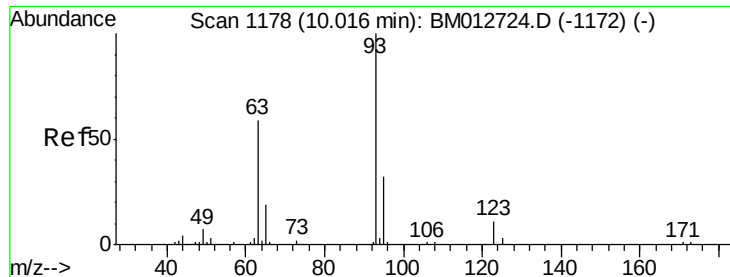
Ion Ratio Lower Upper

139 100

65 236.1 36.3 54.5#

109 190.6 26.4 39.6#

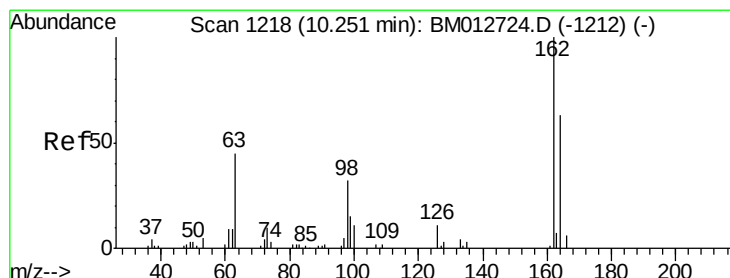
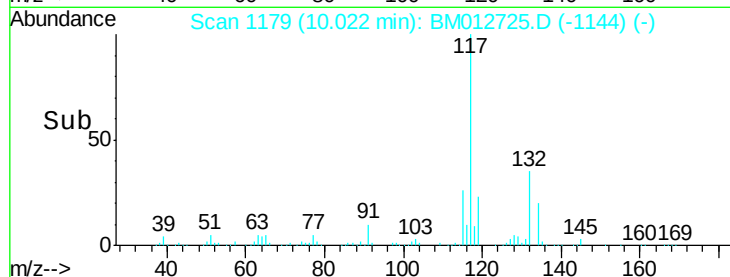
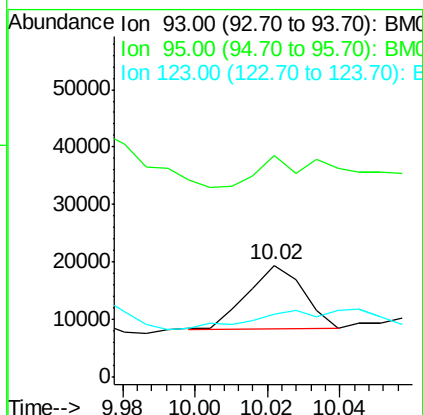
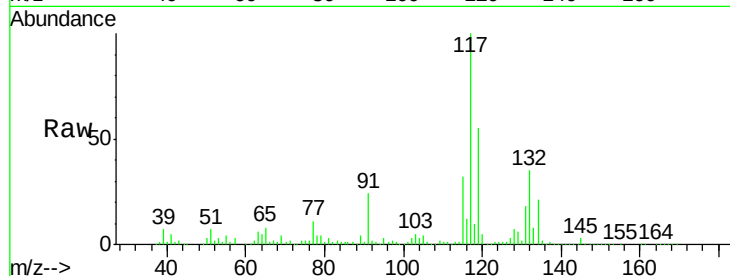




#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.81 ng/ul
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

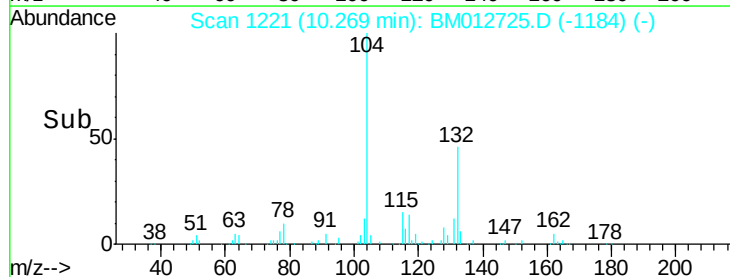
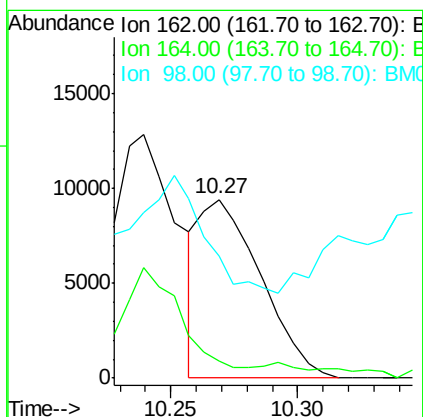
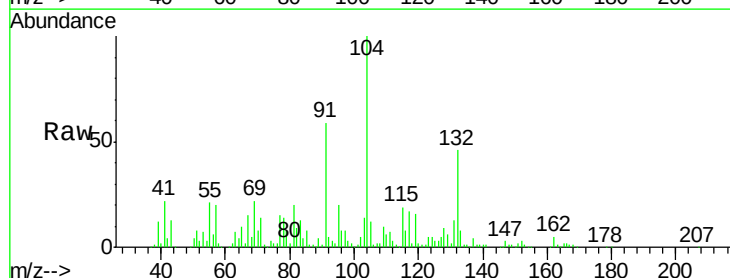
Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

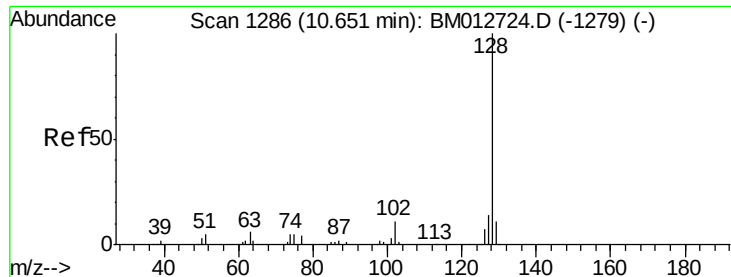
Tot Ion	93	Resp	11951
Ion Ratio	100		
95	198.2	25.8	38.8#
123	56.8	9.8	14.8#



#27
 2,4-Dichlorophenol
 Concen: 2.77 ng/ul
 RT: 10.27 min Scan# 1221
 Delta R.T. 0.02 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Tgt Ion	162	Resp	15775
Ion Ratio	100		
164	9.7	52.1	78.1#
98	68.2	28.4	42.6#





#28

Naphthalene

Concen: 122.84 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

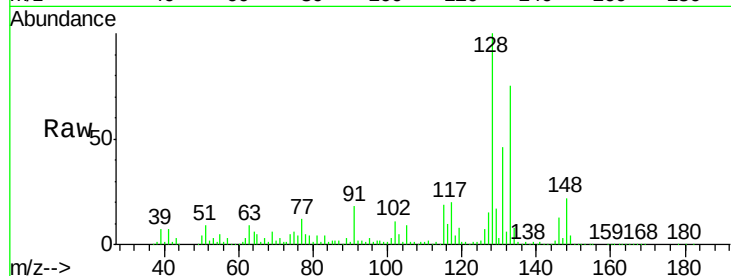
Tot Ion:128 Resp: 2072099

Ion Ratio Lower Upper

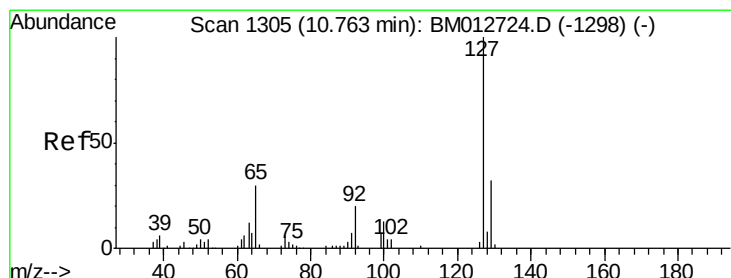
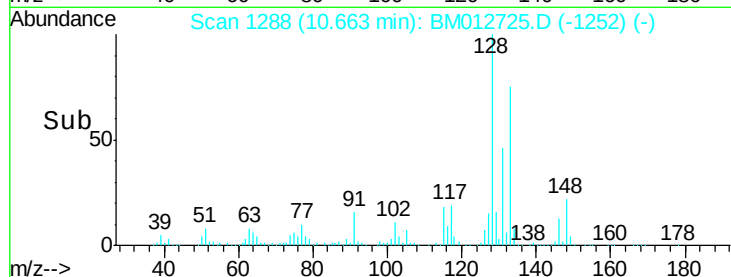
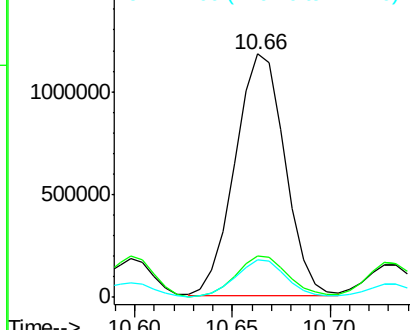
128 100

129 16.8 8.8 13.2#

127 15.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 1.99 ng/ul

RT: 10.79 min Scan# 1310

Delta R.T. 0.03 min

Lab File: BM012725.D

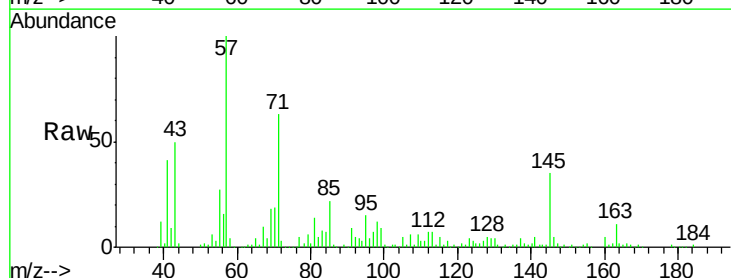
Acq: 05 Nov 2017 01:55

Tgt Ion:127 Resp: 11301

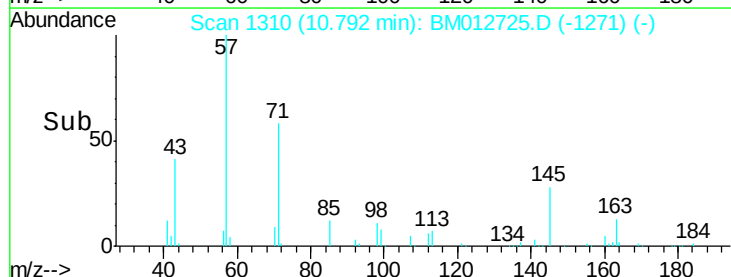
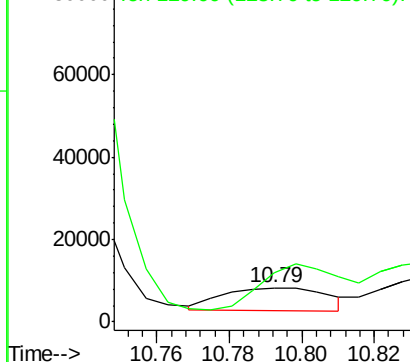
Ion Ratio Lower Upper

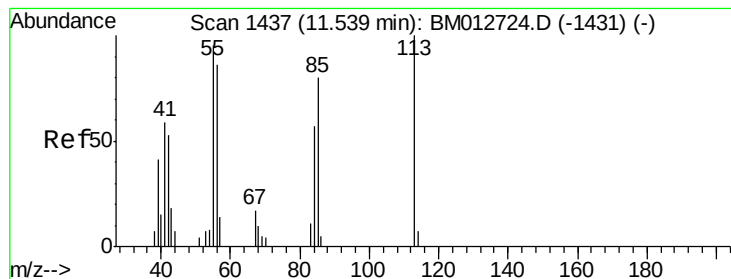
127 100

129 143.8 25.4 38.2#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 10.45 ng/ul

RT: 11.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

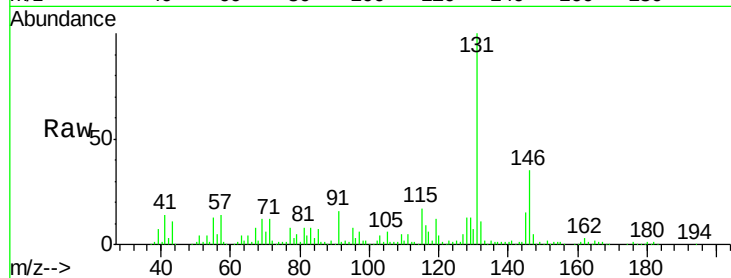
Tot Ion:113 Resp: 16752

Ion Ratio Lower Upper

113 100

55 1006.2 101.9 152.9#

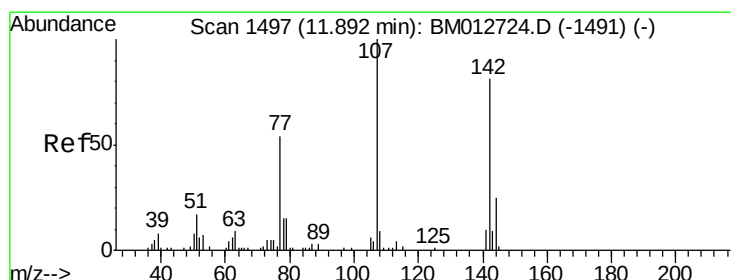
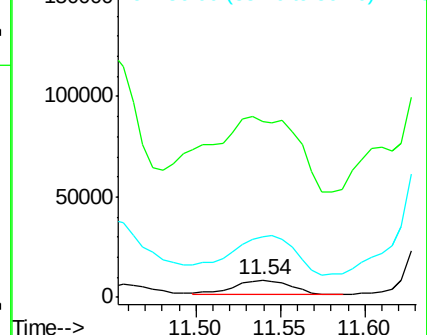
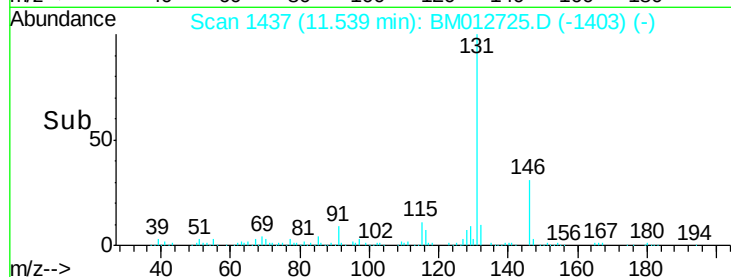
56 349.1 81.2 121.8#



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: 1.38 ng/ul

RT: 11.91 min Scan# 1500

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

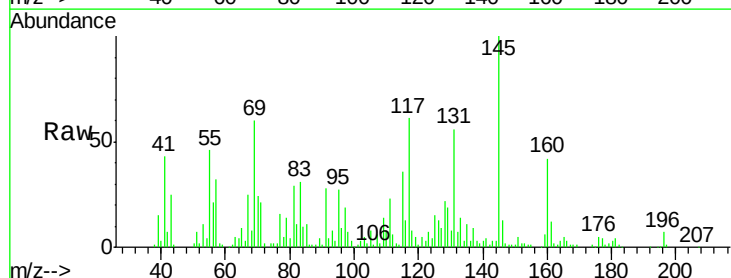
Tgt Ion:107 Resp: 7637

Ion Ratio Lower Upper

107 100

144 52.0 20.4 30.6#

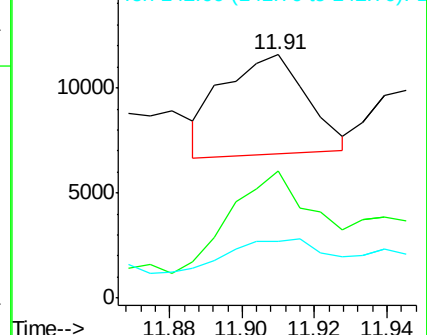
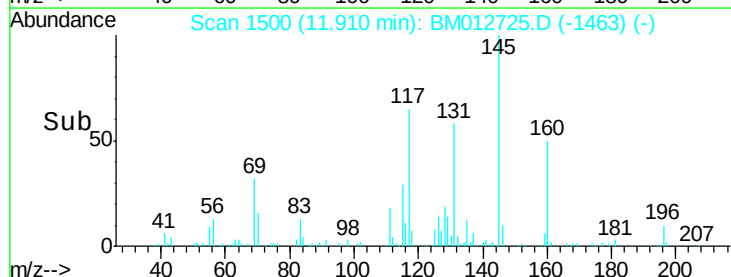
142 23.3 62.5 93.7#

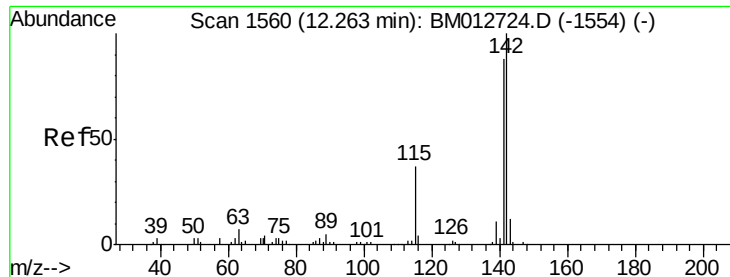


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

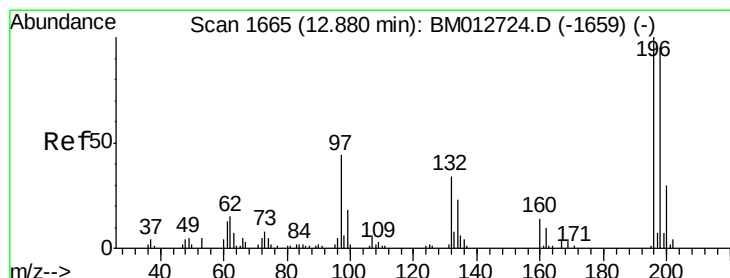
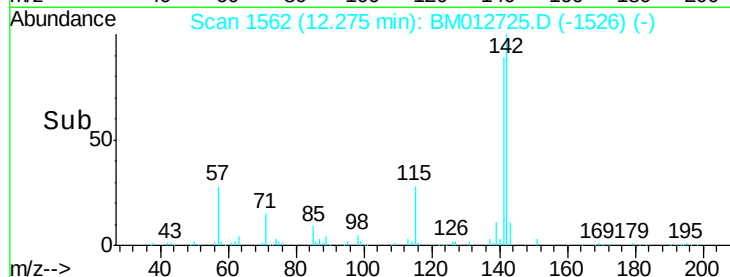
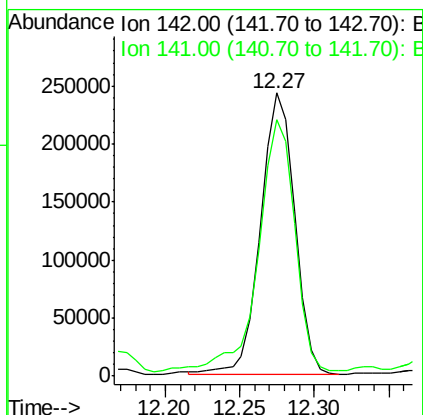
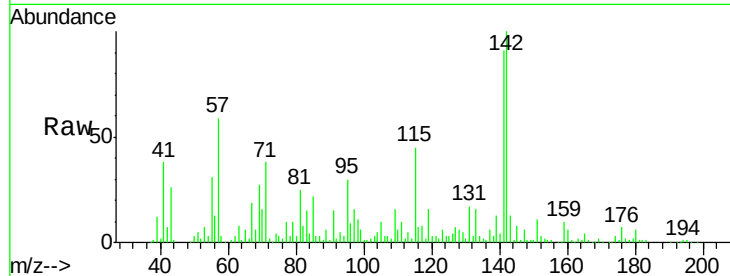




#34
 2-Methylnaphthalene
 Concen: 29.81 ng/ul
 RT: 12.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

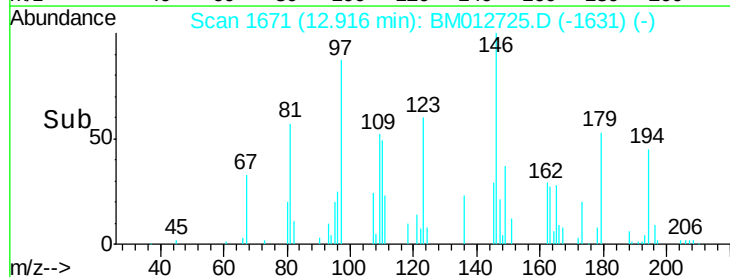
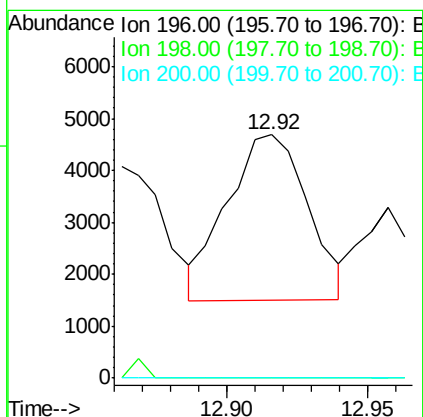
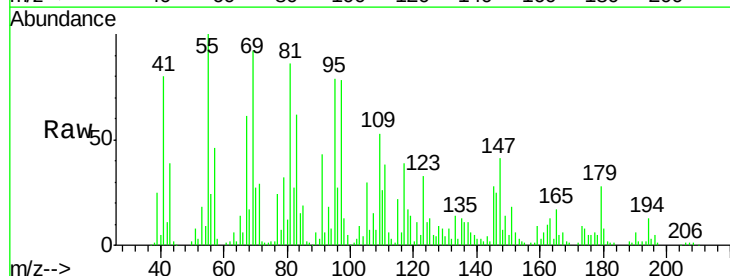
Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

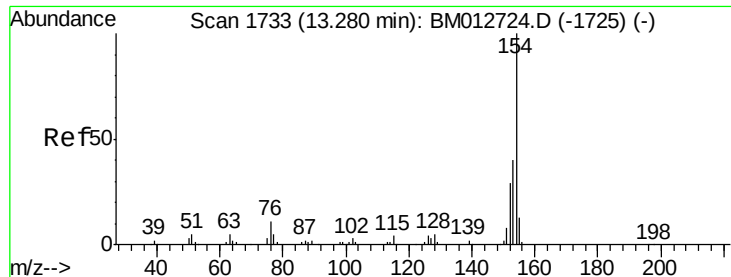
Tot Ion:142 Resp: 384244
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.6 107.4



#38
 2,4,6-Trichlorophenol
 Concen: 1.21 ng/ul
 RT: 12.92 min Scan# 1671
 Delta R.T. 0.04 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Tgt Ion:196 Resp: 6336
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 114.8#
 200 0.0 24.7 37.1#





#40

1,1'-Biphenyl

Concen: 3.71 ng/ul

RT: 13.29 min Scan# 1734

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

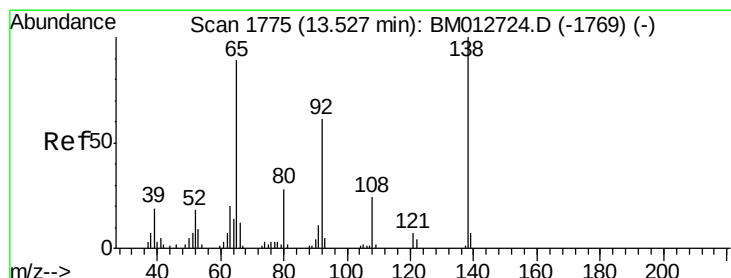
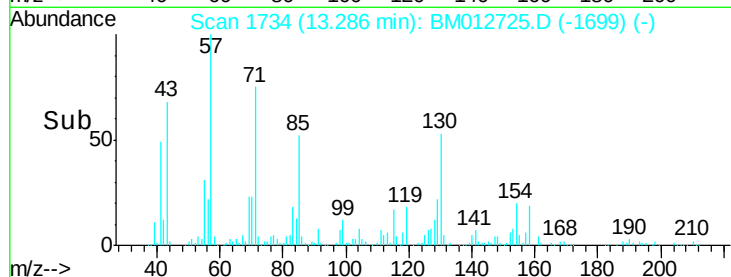
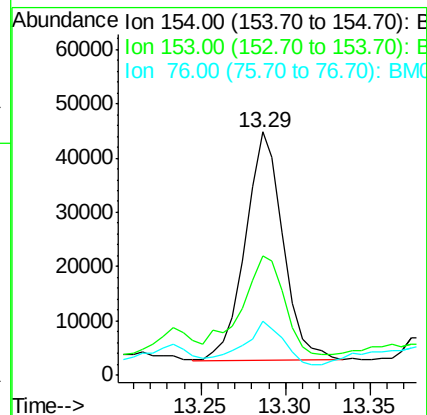
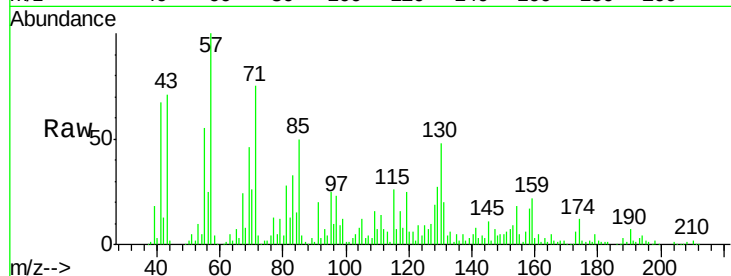
Tot Ion:154 Resp: 65779

Ion Ratio Lower Upper

154 100

153 48.9 32.1 48.1#

76 22.2 9.5 14.3#



#42

2-Nitroaniline

Concen: 4.40 ng/ul

RT: 13.55 min Scan# 1779

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

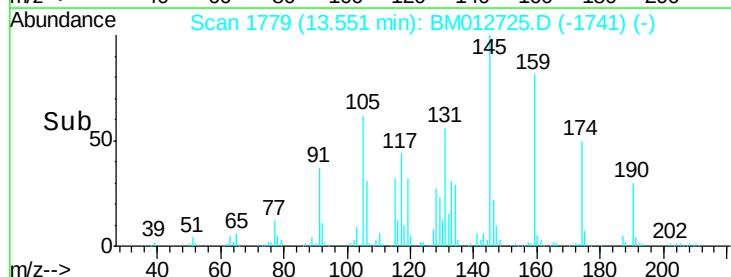
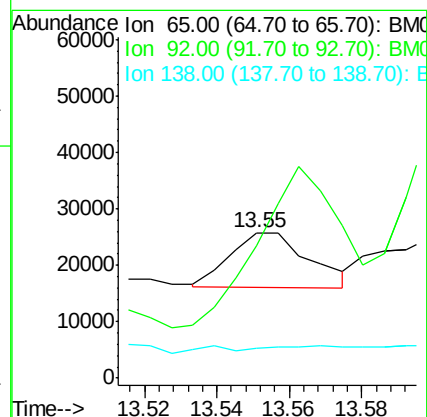
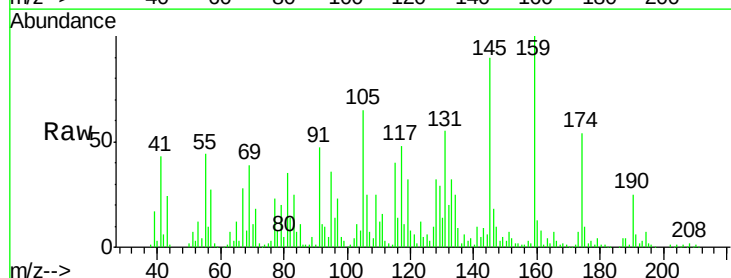
Tgt Ion: 65 Resp: 14556

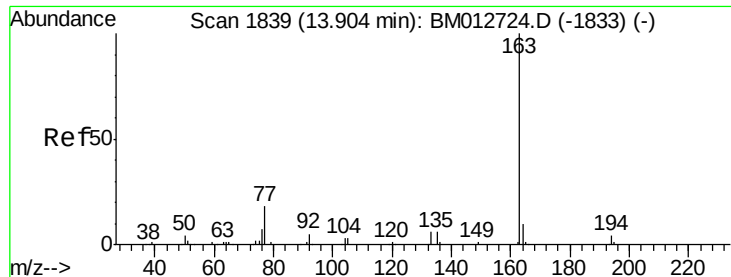
Ion Ratio Lower Upper

65 100

92 90.9 60.4 90.6#

138 20.8 99.8 149.6#

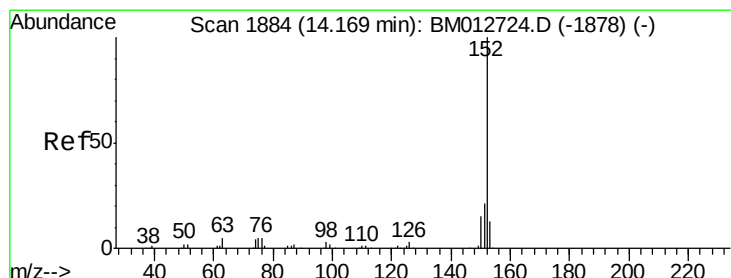
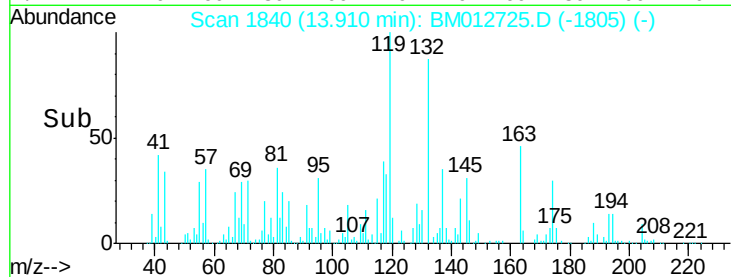
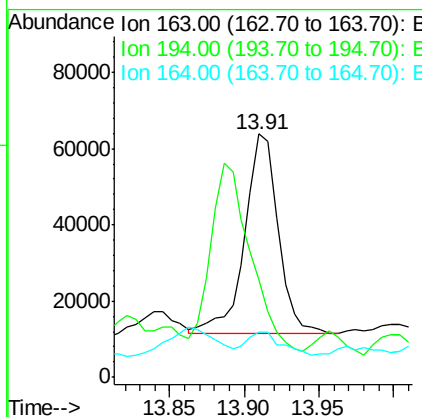
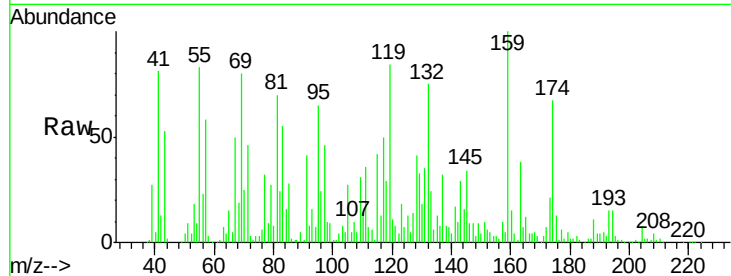




#44
Dimethylphthalate
Concen: 4.65 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

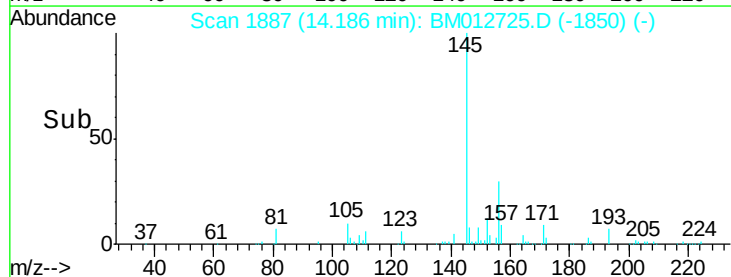
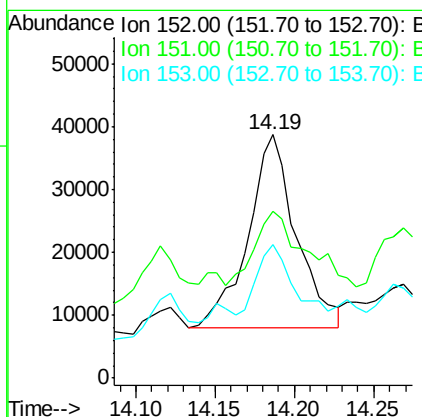
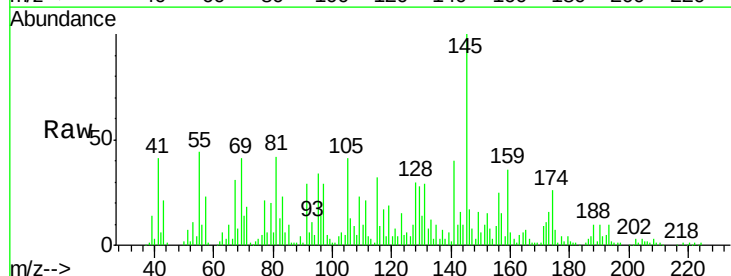
Instrument :
BNA_M
ClientSampleId :
B-67(2.5-3.8)-101017

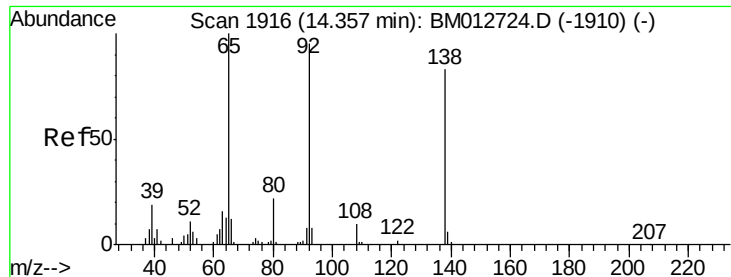
Tot Ion:163 Resp: 81790
Ion Ratio Lower Upper
163 100
194 40.3 3.2 4.8#
164 18.4 7.8 11.8#



#47
Acenaphthylene
Concen: 3.04 ng/ul
RT: 14.19 min Scan# 1887
Delta R.T. 0.02 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Tgt Ion:152 Resp: 64548
Ion Ratio Lower Upper
152 100
151 68.7 15.7 23.5#
153 54.8 10.5 15.7#





#48

3-Nitroaniline

Concen: 5.55 ng/ul

RT: 14.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

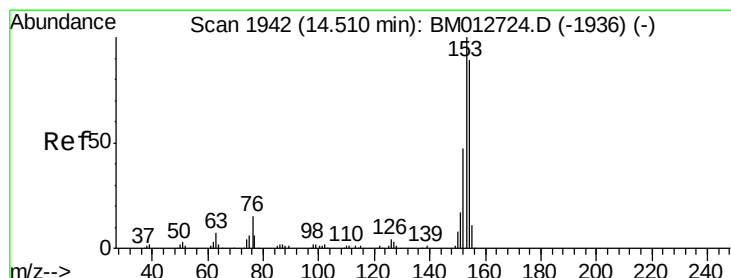
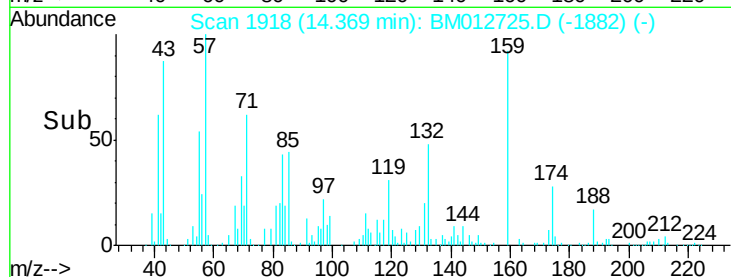
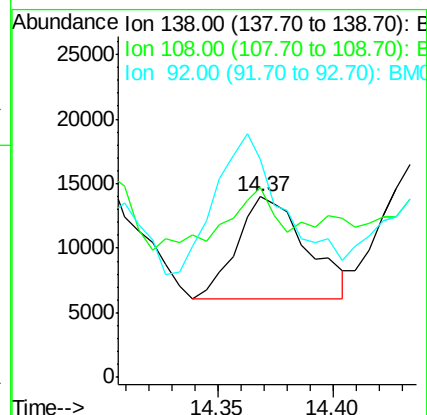
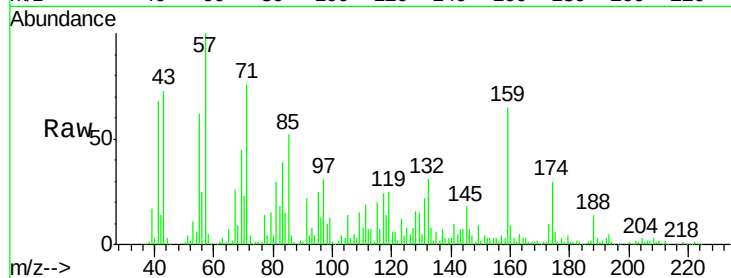
Tot Ion:138 Resp: 16490

Ion Ratio Lower Upper

138 100

108 105.4 8.7 13.1#

92 120.4 88.2 132.4



#49

Acenaphthene

Concen: 9.65 ng/ul

RT: 14.53 min Scan# 1945

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

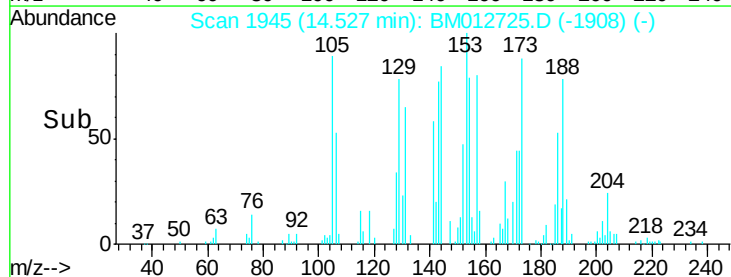
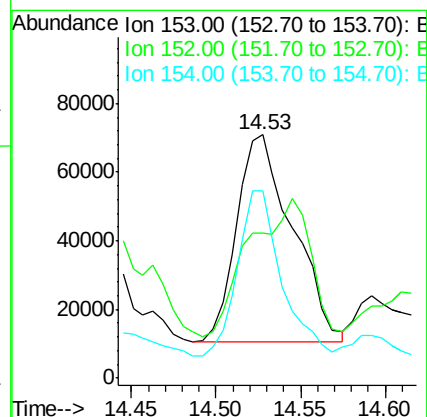
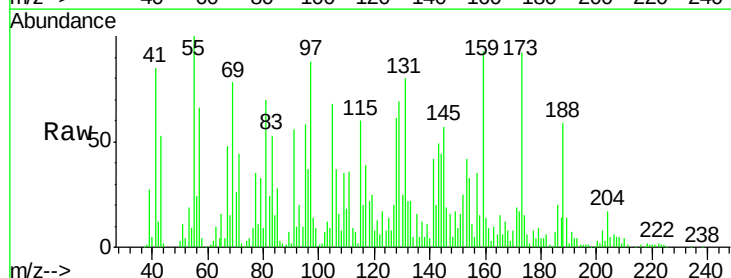
Tgt Ion:153 Resp: 139748

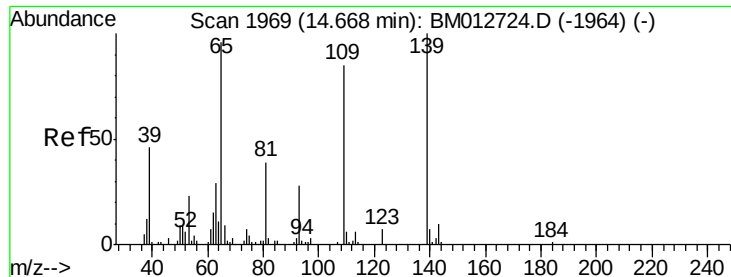
Ion Ratio Lower Upper

153 100

152 59.8 38.3 57.5#

154 77.2 71.8 107.8





#52

4-Nitrophenol

Concen: 6.78 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. 0.03 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

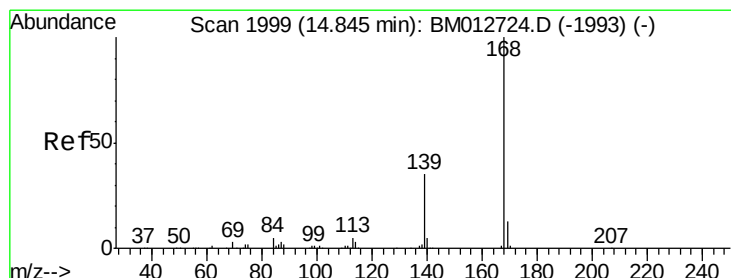
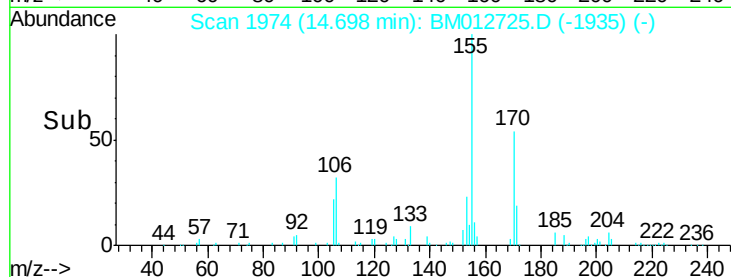
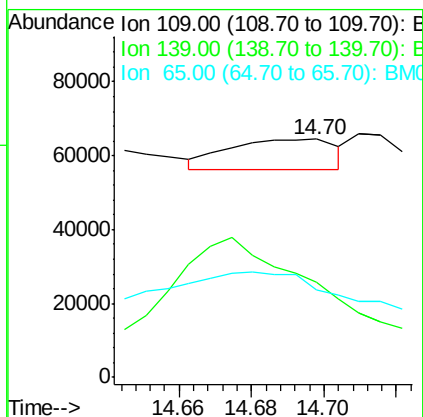
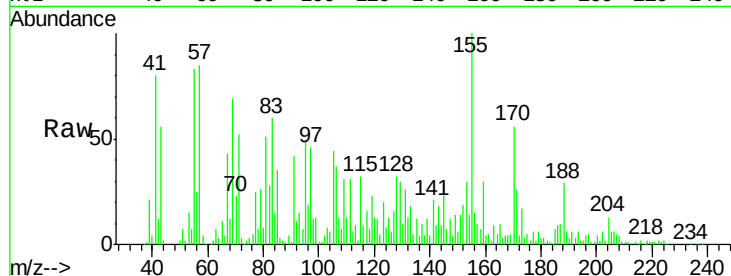
Tot Ion:109 Resp: 16990

Ion Ratio Lower Upper

109 100

139 40.0 103.7 155.5#

65 36.7 89.4 134.2#



#53

Dibenzofuran

Concen: 6.02 ng/ul

RT: 14.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BM012725.D

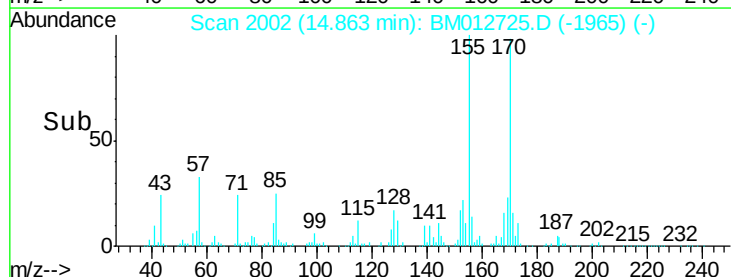
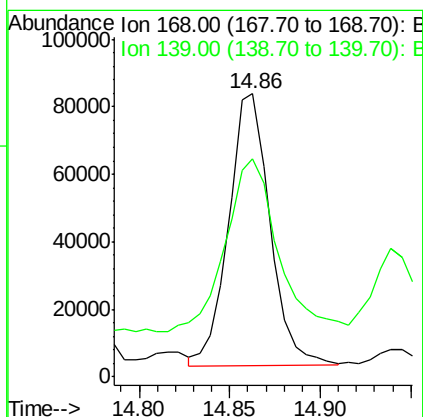
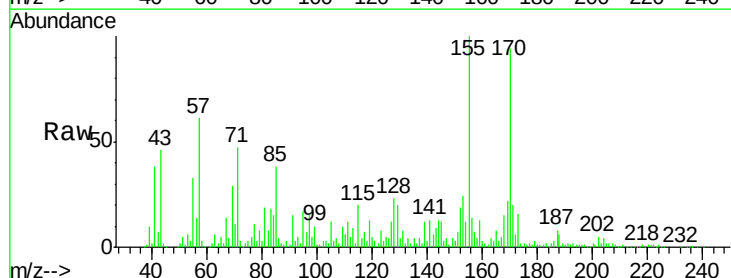
Acq: 05 Nov 2017 01:55

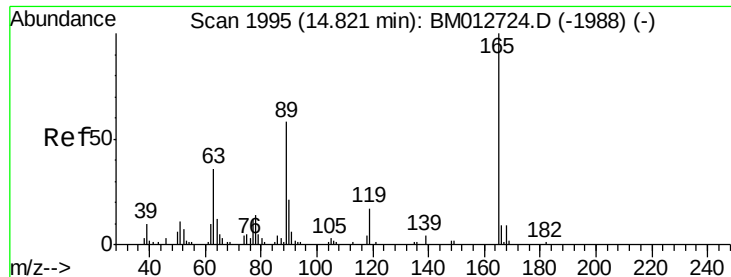
Tgt Ion:168 Resp: 127123

Ion Ratio Lower Upper

168 100

139 76.9 32.2 48.2#

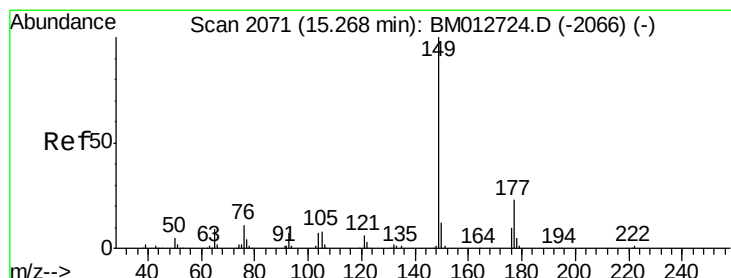
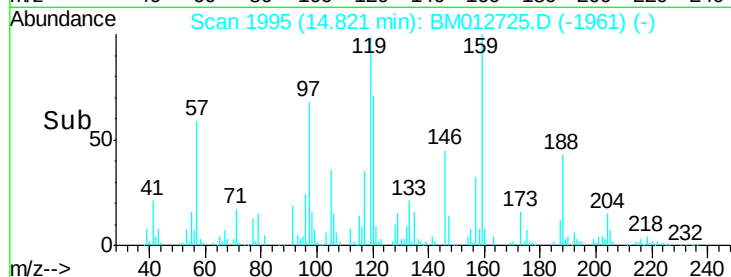
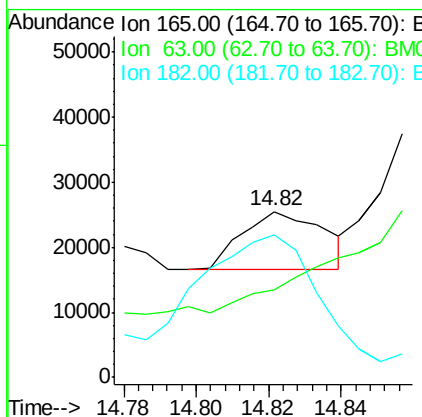
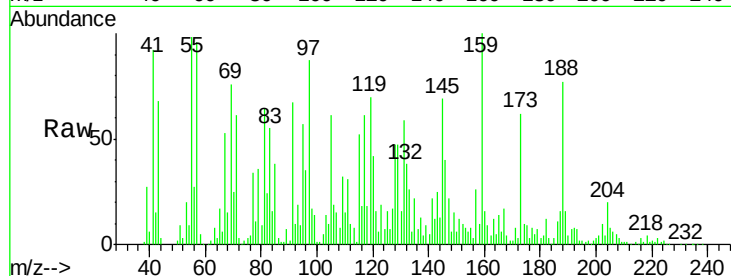




#54
 2,4-Dinitrotoluene
 Concen: 2.69 ng/ul
 RT: 14.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

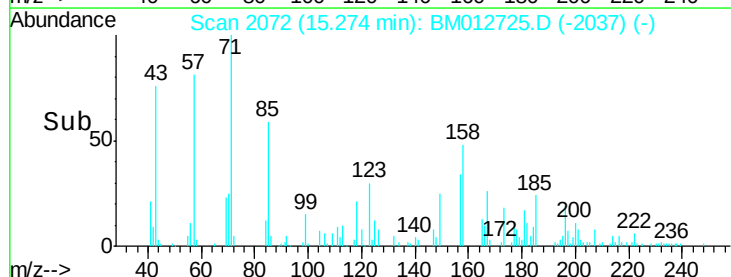
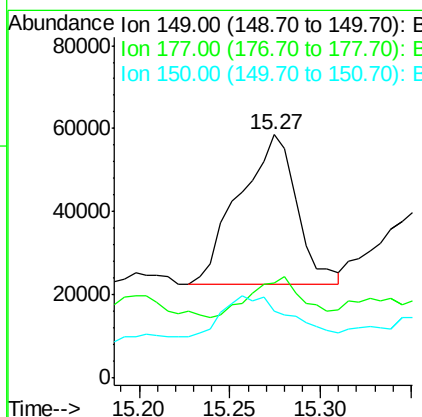
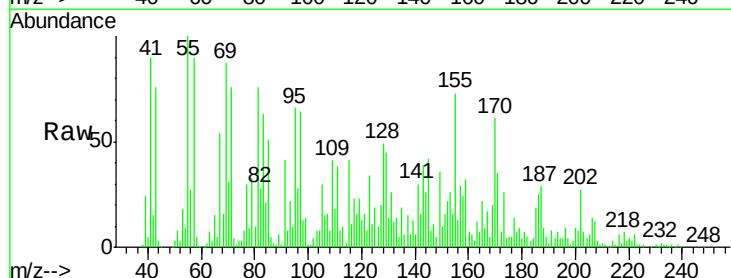
Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

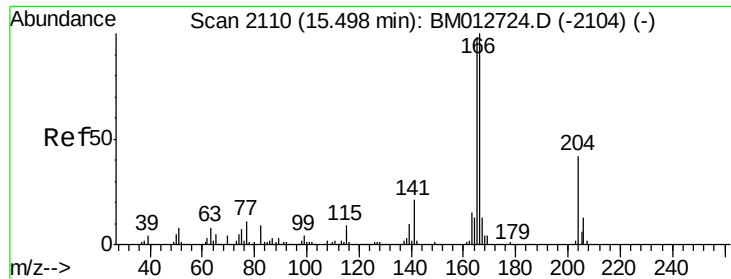
Tot Ion:165 Resp: 13925
 Ion Ratio Lower Upper
 165 100
 63 52.7 29.8 44.6#
 182 86.1 2.2 3.4#



#56
 Diethylphthalate
 Concen: 4.68 ng/ul
 RT: 15.27 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Tgt Ion:149 Resp: 79937
 Ion Ratio Lower Upper
 149 100
 177 39.3 17.4 26.2#
 150 27.7 10.0 15.0#





#58

Fluorene

Concen: 17.38 ng/ul

RT: 15.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

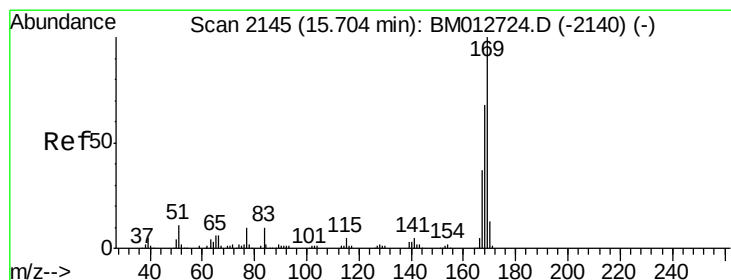
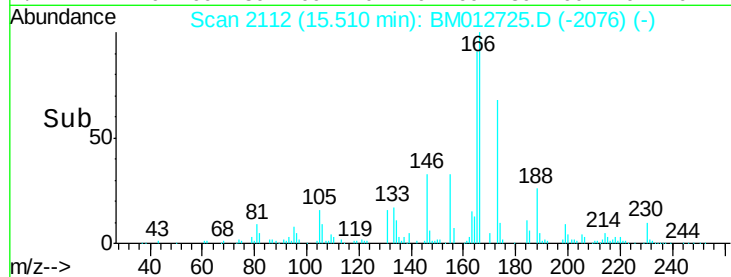
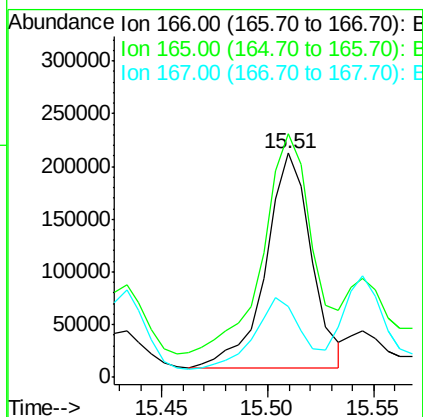
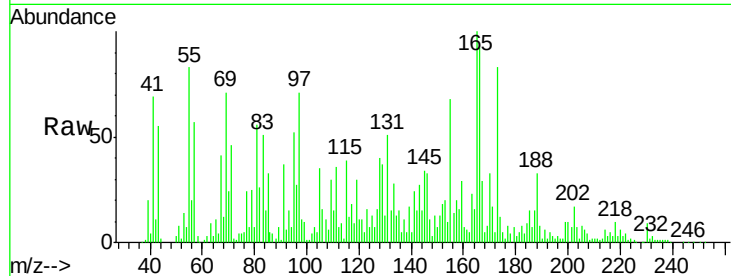
Tot Ion:166 Resp: 304837

Ion Ratio Lower Upper

166 100

165 108.7 78.5 117.7

167 31.8 10.7 16.1#



#64

N-Nitrosodiphenylamine

Concen: 9.51 ng/ul

RT: 15.79 min Scan# 2159

Delta R.T. 0.08 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

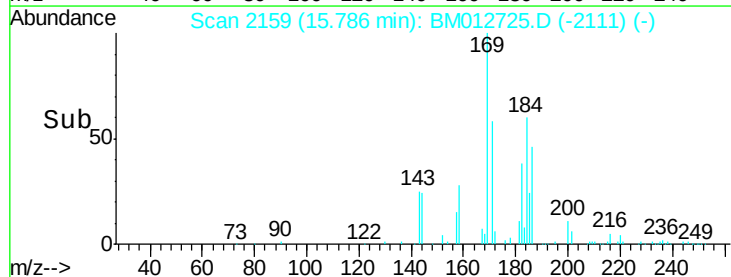
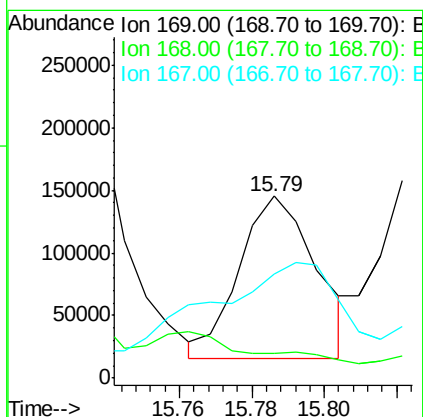
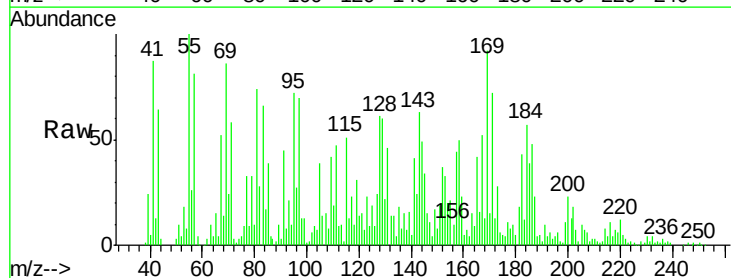
Tgt Ion:169 Resp: 189396

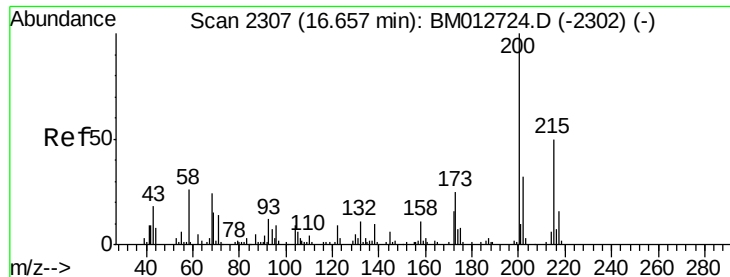
Ion Ratio Lower Upper

169 100

168 13.8 53.8 80.8#

167 56.9 29.3 43.9#





#67

Atrazine

Concen: 7.70 ng/ul

RT: 16.79 min Scan# 2329

Delta R.T. 0.13 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

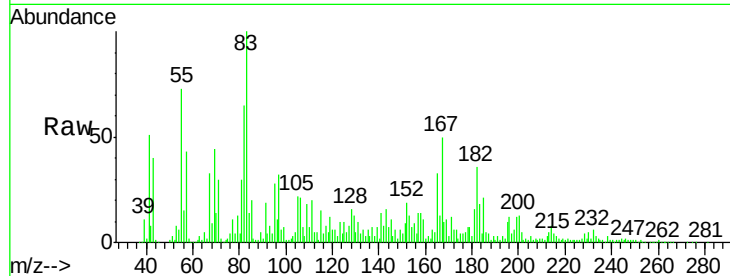
Tot Ion:200 Resp: 61253

Ion Ratio Lower Upper

200 100

173 47.7 21.6 32.4#

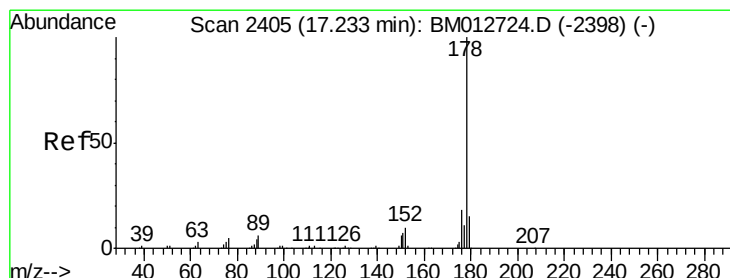
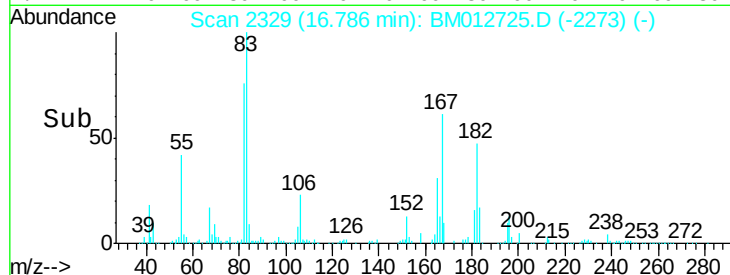
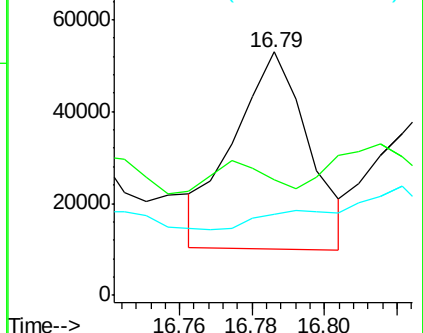
215 33.2 37.0 55.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Phenanthrene

Concen: 4.45 ng/ul

RT: 17.34 min Scan# 2423

Delta R.T. 0.11 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

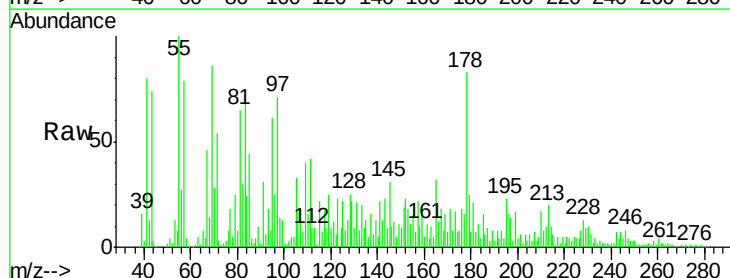
Tgt Ion:178 Resp: 160376

Ion Ratio Lower Upper

178 100

179 30.3 12.2 18.4#

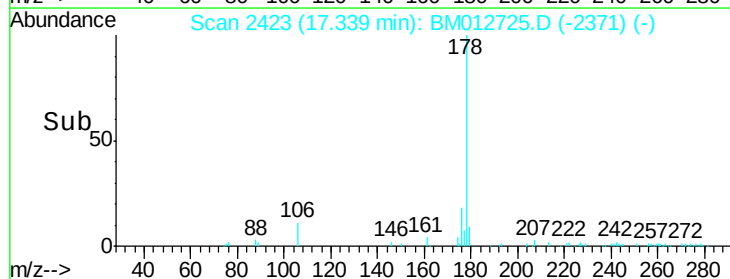
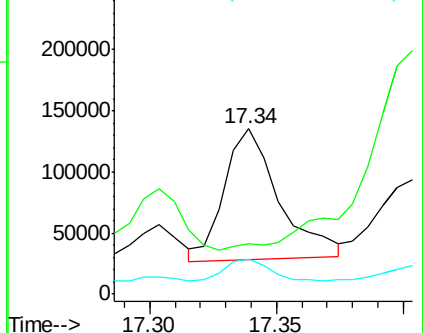
176 21.3 15.6 23.4

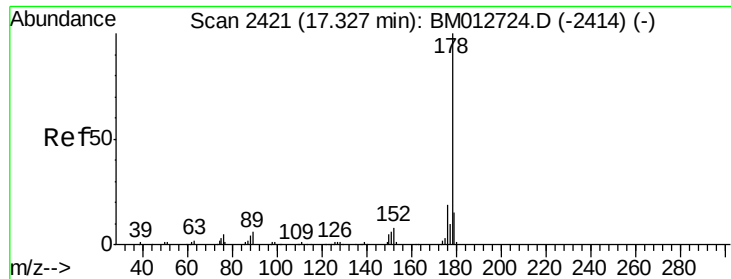


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.40 ng/ul

RT: 17.45 min Scan# 2442

Delta R.T. 0.12 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

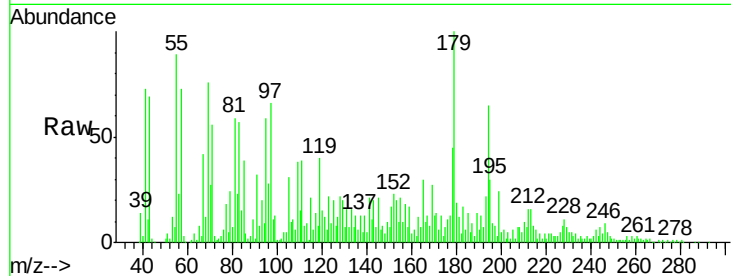
Tot Ion:178 Resp: 52259

Ion Ratio Lower Upper

178 100

179 222.2 12.1 18.1#

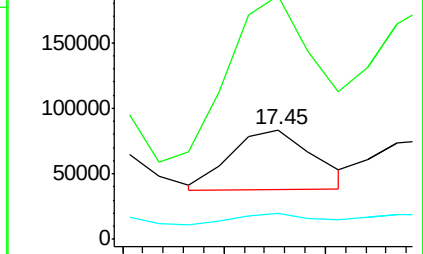
176 23.8 14.8 22.2#



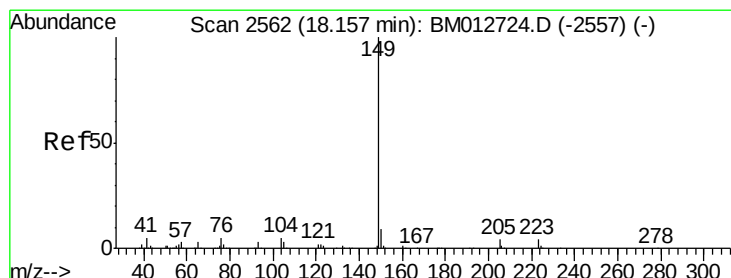
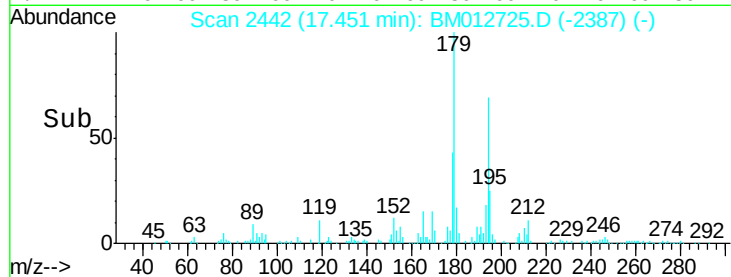
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.42 17.44 17.46



#75

Di-n-butylphthalate

Concen: 226.98 ng/ul

RT: 18.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

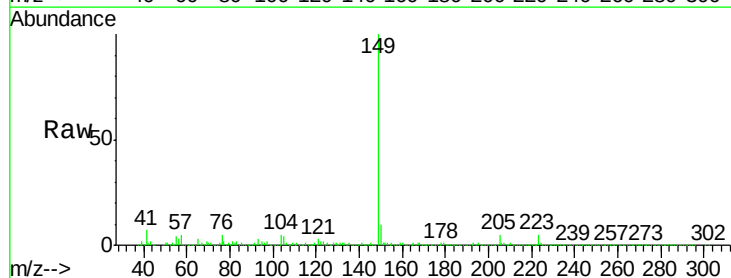
Tgt Ion:149 Resp: 8291822

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

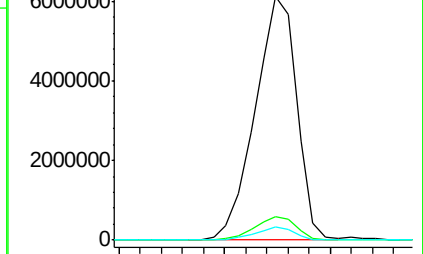
104 5.2 4.0 6.0



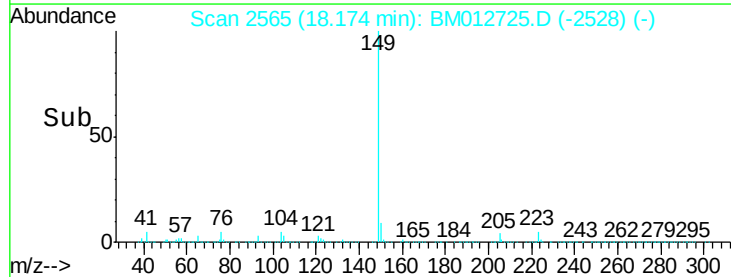
Abundance Ion 149.00 (148.70 to 149.70): E

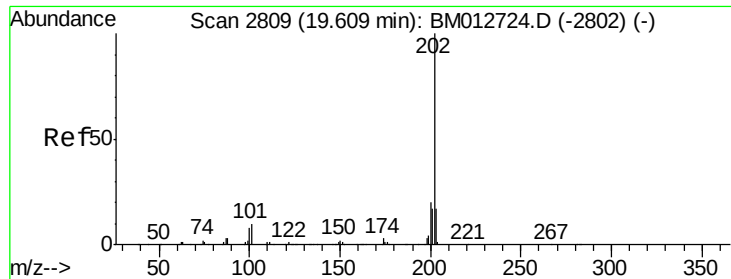
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.10 18.15 18.20





#79

Pvrene

Concen: 33.06 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

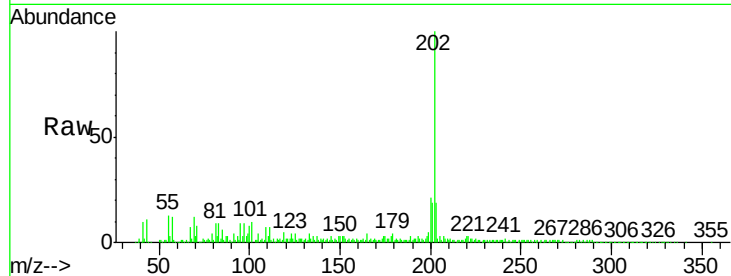
Tot Ion:202 Resp: 1094974

Ion Ratio Lower Upper

202 100

101 9.8 10.2 15.2#

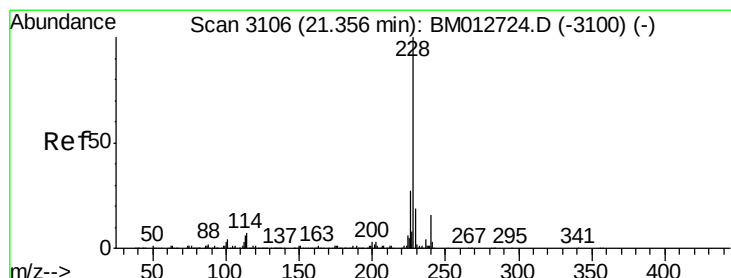
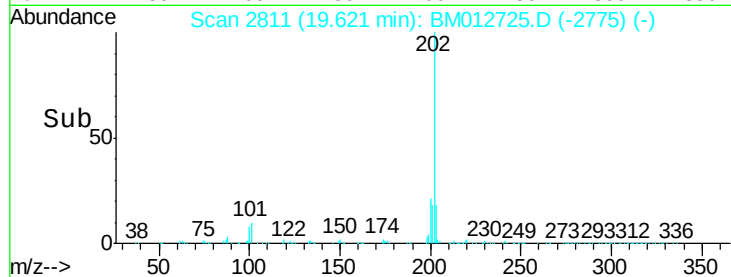
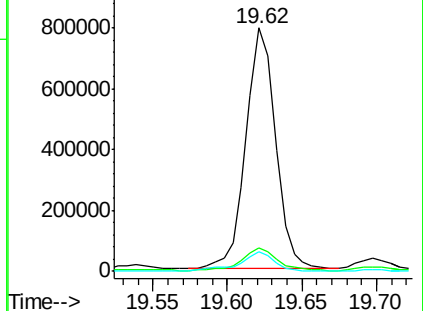
100 8.0 8.5 12.7#



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



#82

Benzo(a)anthracene

Concen: 11.13 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

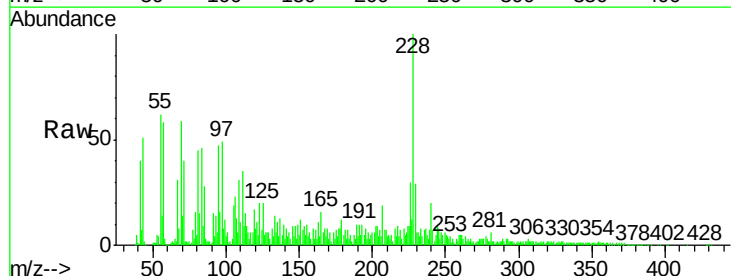
Tgt Ion:228 Resp: 373915

Ion Ratio Lower Upper

228 100

229 29.3 15.7 23.5#

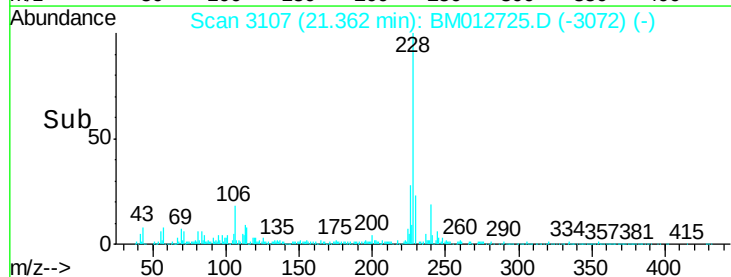
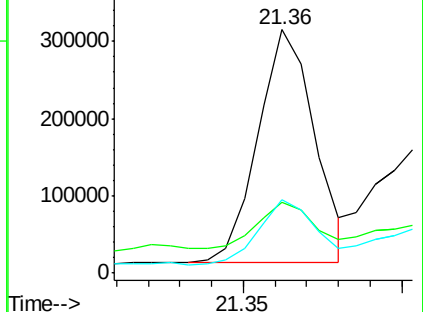
226 29.9 21.8 32.6

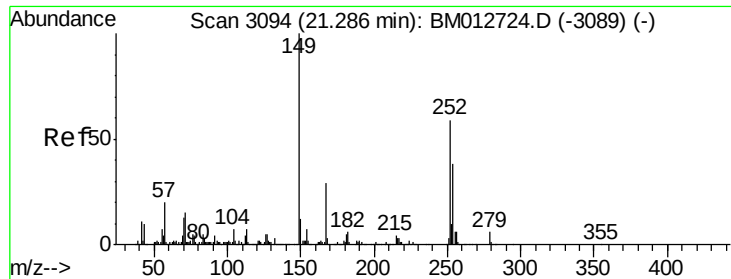


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.39 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

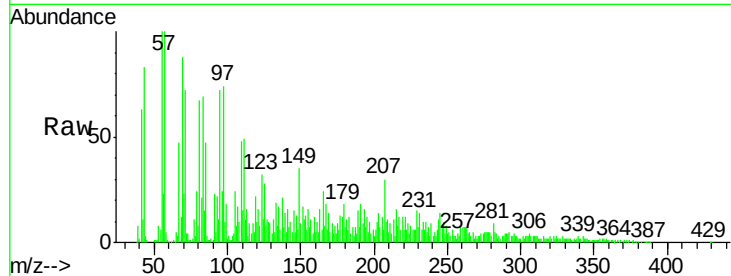
Tot Ion:149 Resp: 42041

Ion Ratio Lower Upper

149 100

167 51.0 21.6 32.4#

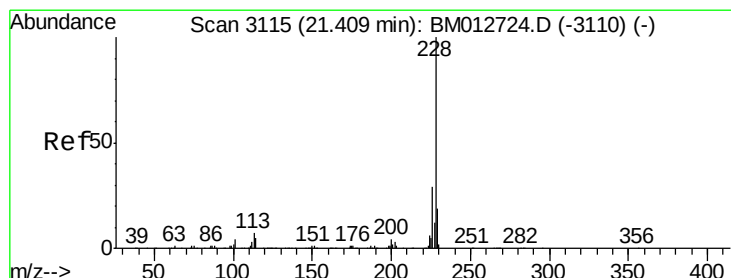
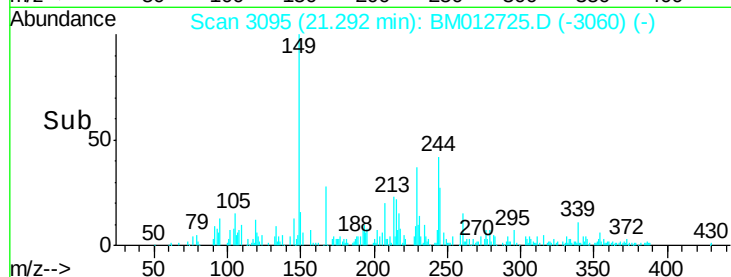
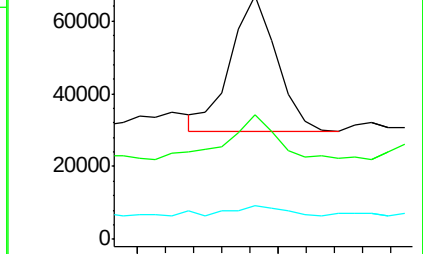
279 14.1 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 15.54 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

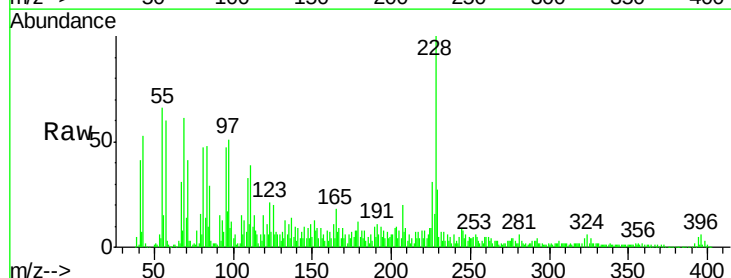
Tgt Ion:228 Resp: 473010

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

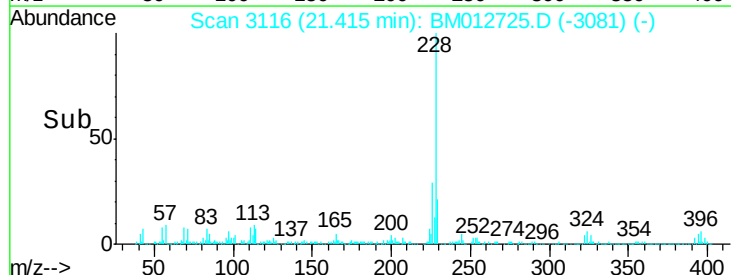
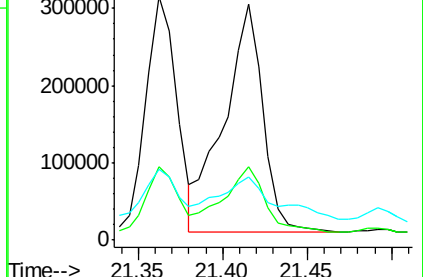
229 27.0 15.6 23.4#

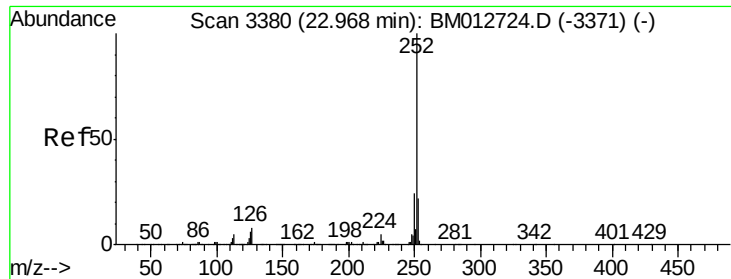


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 13.32 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

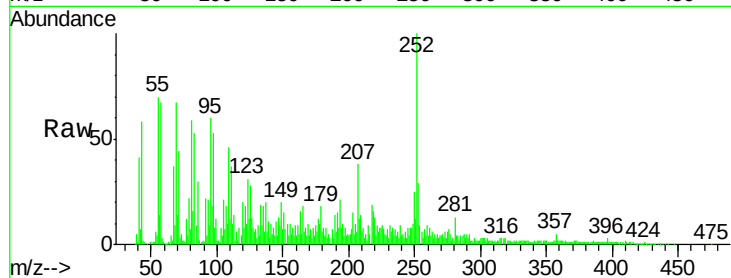
Tot Ion:252 Resp: 493414

Ion Ratio Lower Upper

252 100

253 29.4 17.5 26.3#

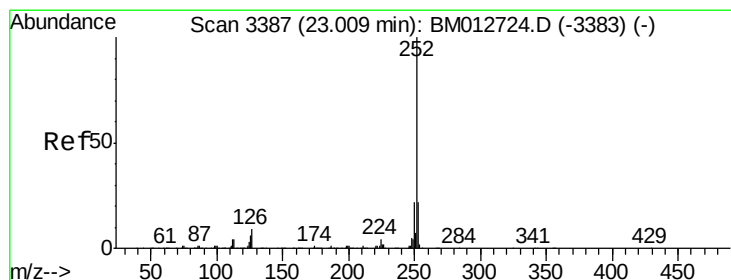
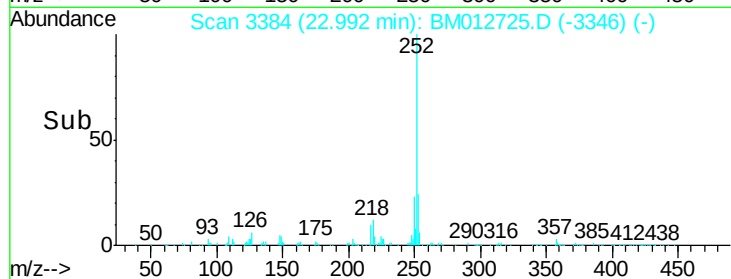
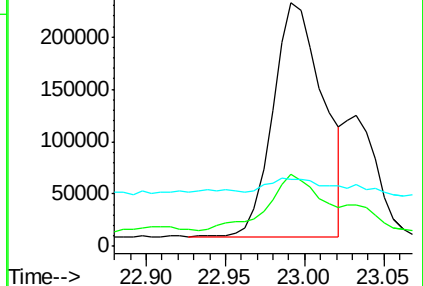
125 27.5 8.5 12.7#



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



#88

Benzo(k)fluoranthene

Concen: 14.02 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. -0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

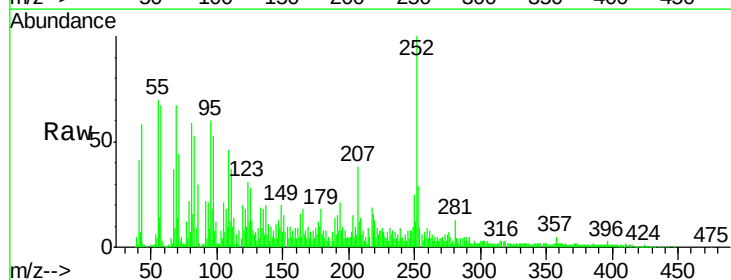
Tgt Ion:252 Resp: 493414

Ion Ratio Lower Upper

252 100

253 29.4 17.3 25.9#

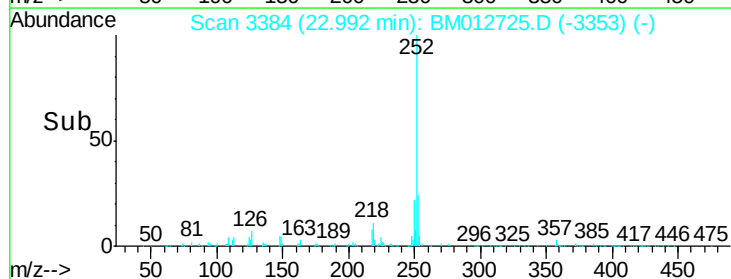
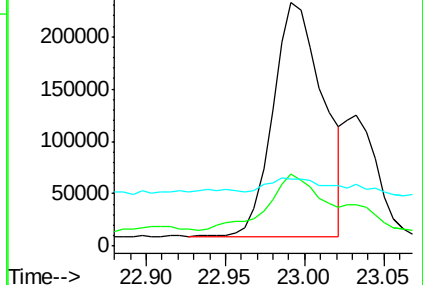
125 27.5 8.2 12.2#

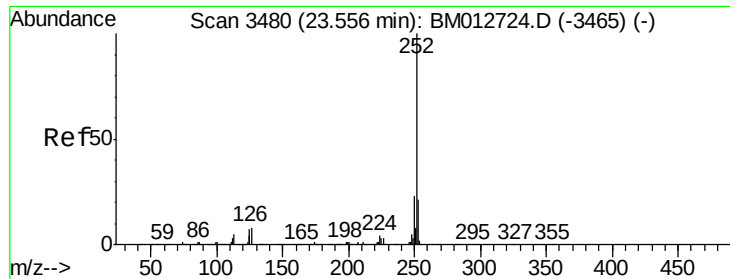


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 7.76 ng/ul

RT: 23.58 min Scan# 3484

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

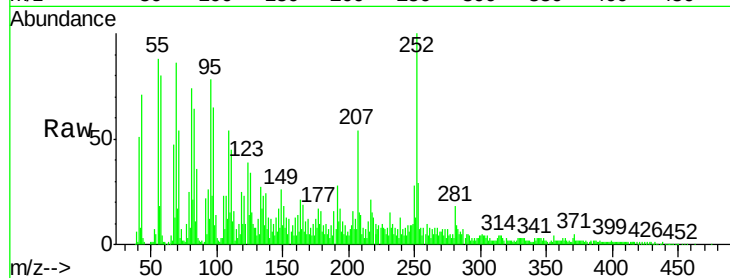
Tot Ion:252 Resp: 273439

Ion Ratio Lower Upper

252 100

253 28.9 17.2 25.8#

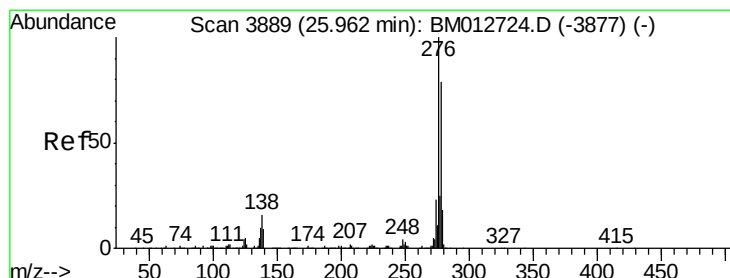
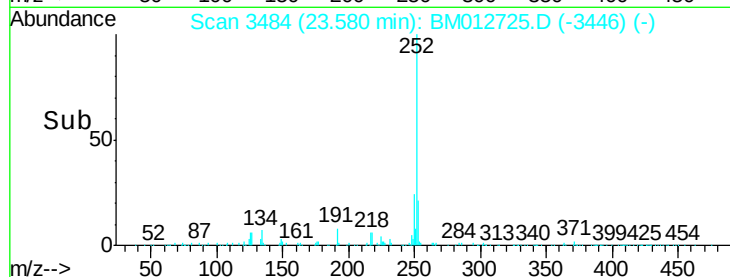
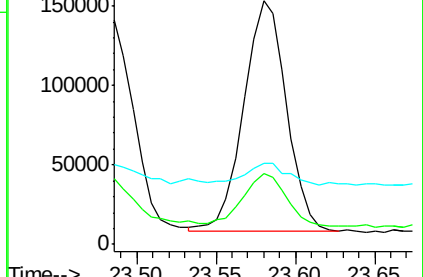
125 33.5 9.0 13.6#



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: 4.82 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. 0.04 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

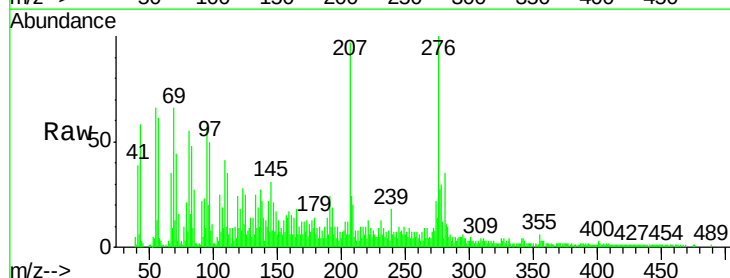
Tgt Ion:276 Resp: 204654

Ion Ratio Lower Upper

276 100

138 22.1 22.3 33.5#

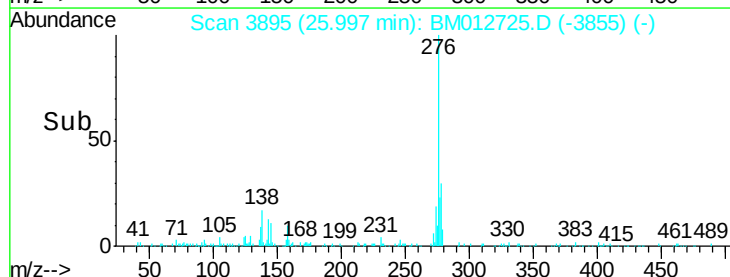
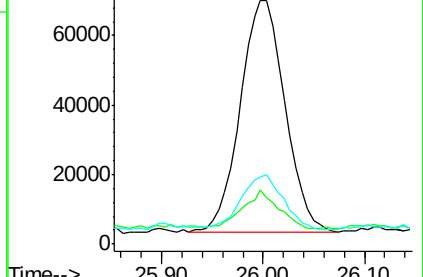
277 27.4 20.2 30.2

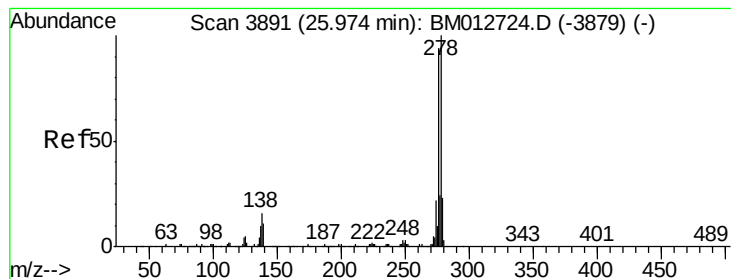


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.74 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

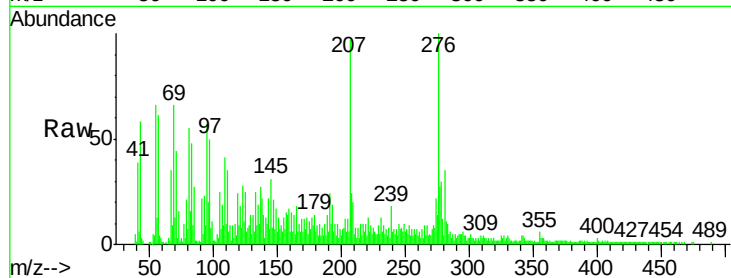
Tot Ion:278 Resp: 62507

Ion Ratio Lower Upper

278 100

139 46.0 13.9 20.9#

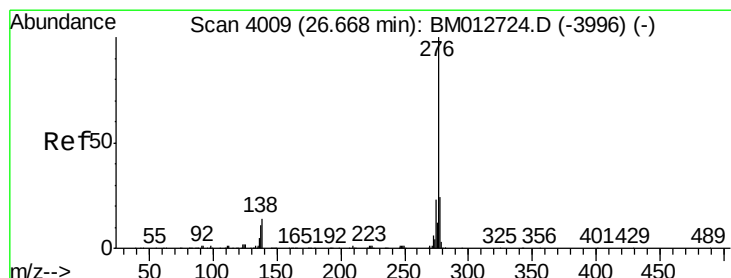
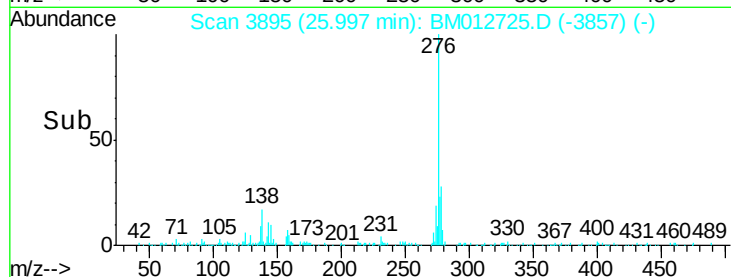
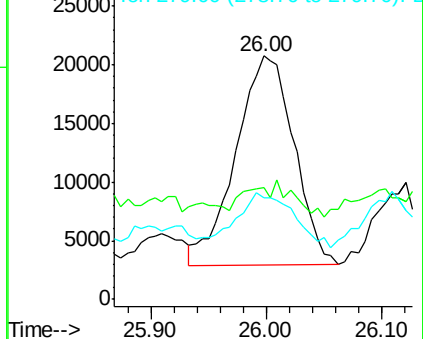
279 41.8 19.0 28.4#



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: 5.15 ng/ul

RT: 26.73 min Scan# 4020

Delta R.T. 0.06 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

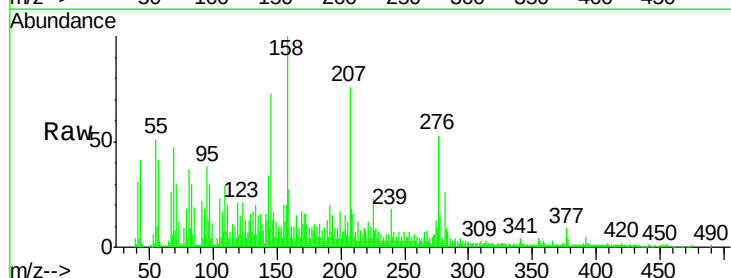
Tgt Ion:276 Resp: 180208

Ion Ratio Lower Upper

276 100

138 20.7 18.9 28.3

277 28.9 19.2 28.8#



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

