

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039768.D
 Acq On : 5 Mar 2019 17:26
 Operator : JU/SJ
 Sample : PB117613BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Quant Time: Mar 06 00:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43844	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	180793	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127687	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	335210	20.00	ng	0.00
76) Chrysene-d12	21.82	240	367258	20.00	ng	-0.01
87) Perylene-d12	25.19	264	358181	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	336997	131.13	ng	0.00
7) Phenol-d6	7.30	99	487953	127.34	ng	-0.01
23) Nitrobenzene-d5	9.33	82	278141	83.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	192008	129.01	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	735422	82.01	ng	-0.01
79) Terphenyl-d14	20.12	244	1300488	77.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	53	0.045	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	134	0.089	ng	# 1
6) Aniline	7.68	93	455	0.091	ng	# 1
8) 2-Chlorophenol	7.71	128	53	0.017	ng	# 1
9) Benzaldehyde	7.30	77	856	0.346	ng	# 4
10) Phenol	7.31	94	54	0.013	ng	# 1
11) bis(2-Chloroethyl)ether	7.68	93	455	0.141	ng	# 1
15) Benzyl Alcohol	8.48	79	4575	1.505	ng	# 49
18) Hexachloroethane	9.15	117	59	0.046	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	36173	13.115	ng	# 68
22) Acetophenone	8.47	105	60	0.012	ng	# 1
24) Nitrobenzene	9.33	77	943	0.269	ng	# 41
37) 2-Methylnaphthalene	12.85	142	56	0.008	ng	# 13
38) 1-Methylnaphthalene	12.85	142	56	0.008	ng	# 7
46) 1,1'-Biphenyl	13.62	154	941	0.090	ng	# 65
48) 2-Nitroaniline	13.41	65	1197	0.471	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	16140	7.131	ng	# 23
52) Acenaphthene	14.78	154	462	0.059	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16140	5.075	ng	# 18
58) Fluorene	16.26	166	8021	0.797	ng	# 91
60) Diethylphthalate	15.45	149	65	0.006	ng	# 58
63) Azobenzene	16.27	77	1202	0.125	ng	# 41
65) 4,6-Dinitro-2-methylphenol	16.27	198	635	0.320	ng	# 12
66) n-Nitrosodiphenylamine	16.27	169	7838	0.808	ng	# 50
67) 4-Bromophenyl-phenylether	16.27	248	15073	4.017	ng	# 1
77) Benzidine	20.12	184	21958	1.884	ng	# 92
78) Pyrene	20.12	202	5080	0.213	ng	# 50
80) Butylbenzylphthalate	20.69	149	67	0.007	ng	# 22
81) Benzo(a)anthracene	21.82	228	1187	0.052	ng	# 38
82) 3,3'-Dichlorobenzidine	21.22	252	70	0.008	ng	# 26
83) Chrysene	21.82	228	1187	0.053	ng	# 36
84) Bis(2-ethylhexyl)phthalate	21.74	149	61	0.005	ng	# 52
85) Di-n-octyl phthalate	23.00	149	55	0.003	ng	# 1
88) Benzo(b)fluoranthene	24.18	252	59	0.003	ng	# 60

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QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.18	252	59	0.003	ng	# 59
90) Benzo(a)pyrene	25.19	252	1212	0.061	ng	# 71

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

```
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Sample    : PB117613BL
Misc      :
ALS Vial  : 6      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

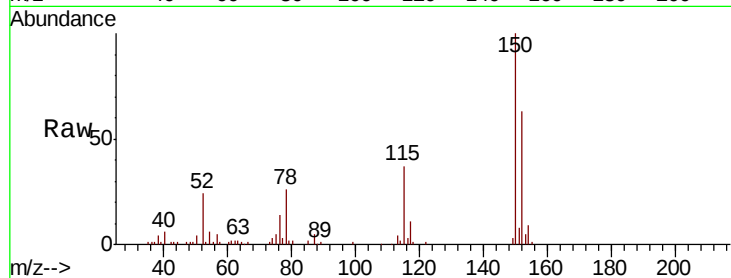
Tgt Ion:152 Resp: 43844

Ion Ratio Lower Upper

152 100

150 159.1 123.7 185.5

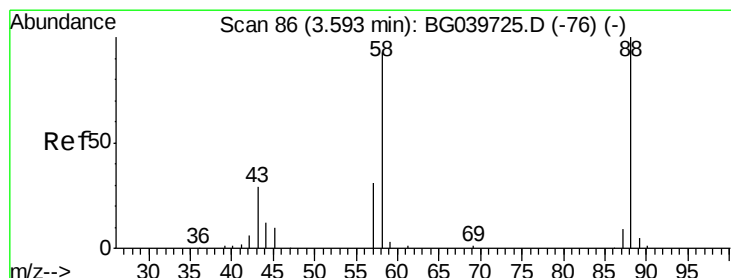
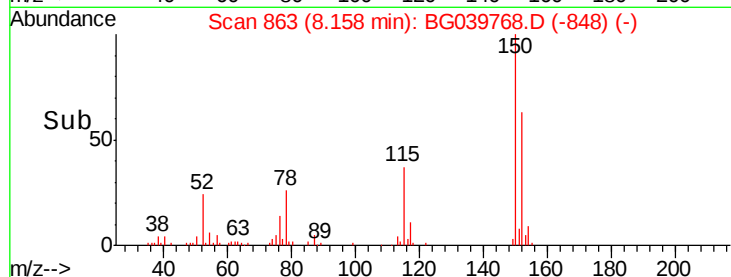
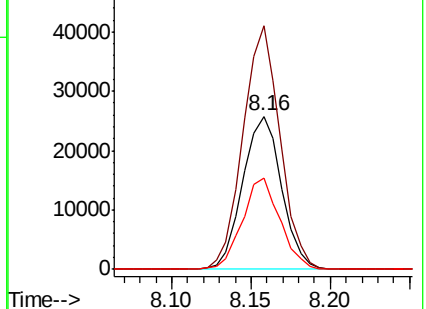
115 59.5 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.045 ng

RT: 3.63 min Scan# 92

Delta R.T. 0.02 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

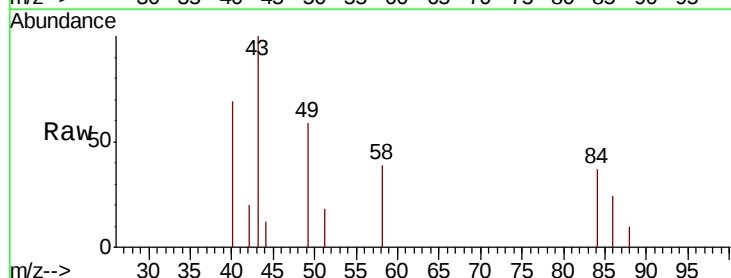
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 2167.9 81.1 121.7#

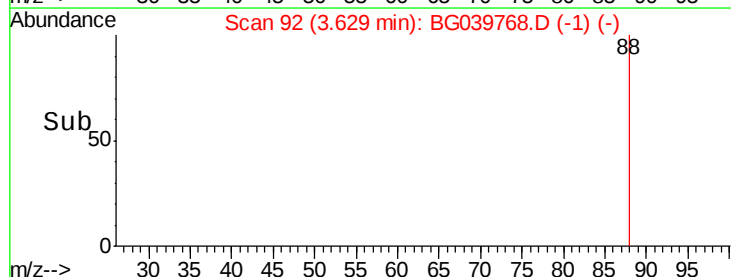
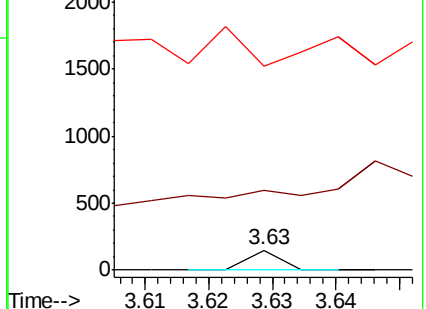
43 0.0 31.4 47.0#

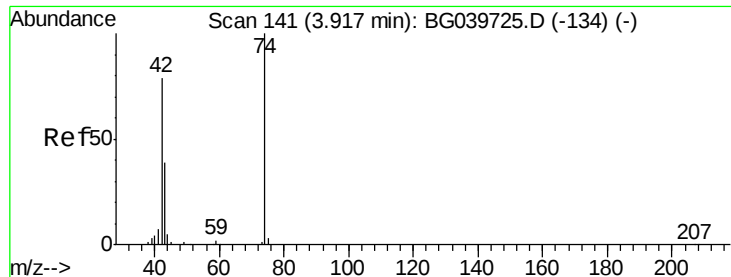


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



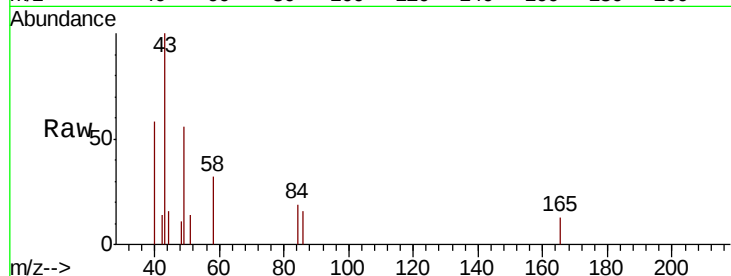


#4

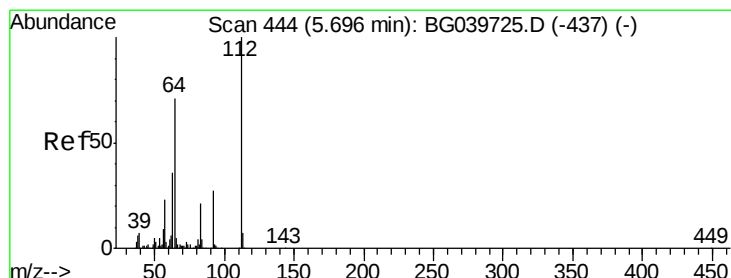
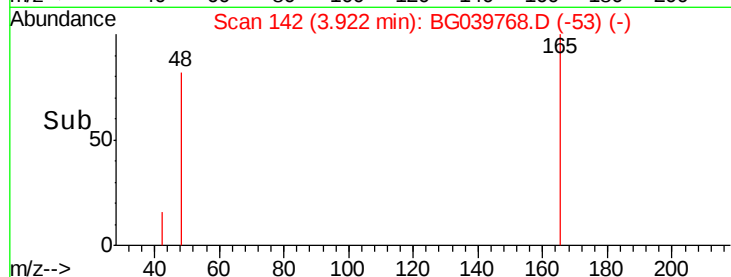
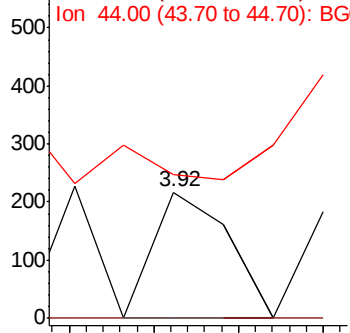
n-Nitrosodimethylamine
 Concen: 0.089 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Tgt Ion: 42 Resp: 134
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 114.3 6.9 10.3#



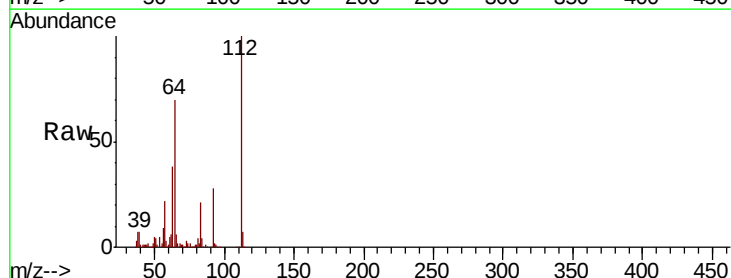
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



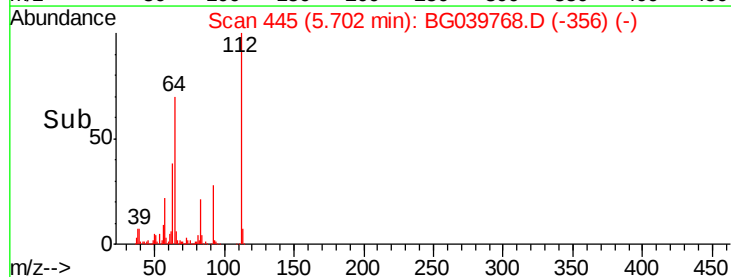
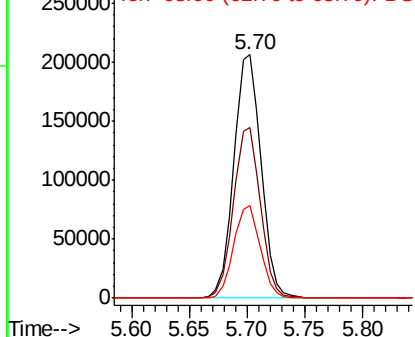
#5

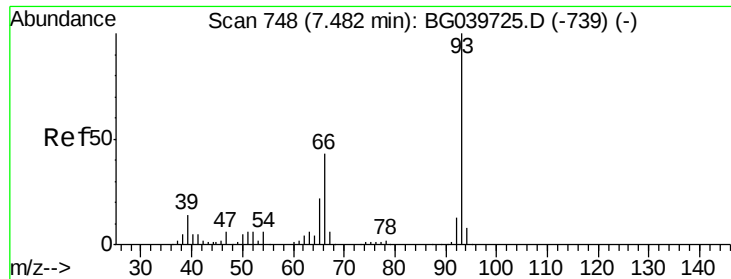
2-Fluorophenol
 Concen: 131.129 ng
 RT: 5.70 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Tgt Ion: 112 Resp: 336997
 Ion Ratio Lower Upper
 112 100
 64 69.9 57.8 86.8
 63 38.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.091 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.19 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

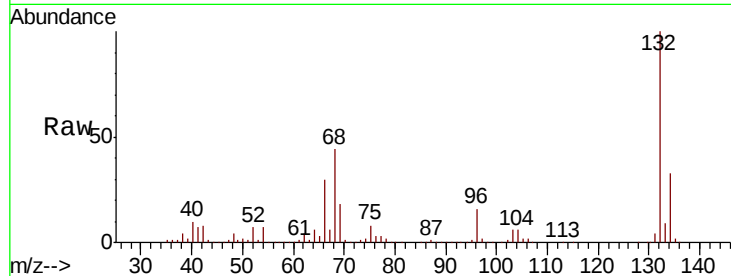
Tgt Ion: 93 Resp: 455

Ion Ratio Lower Upper

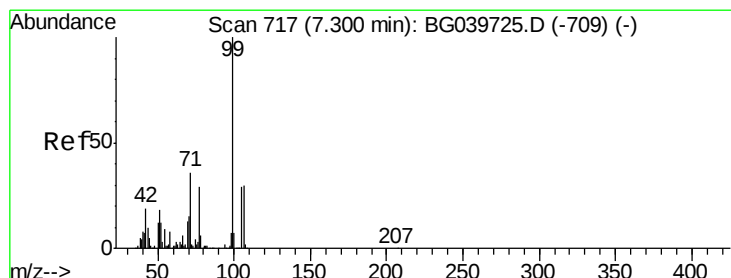
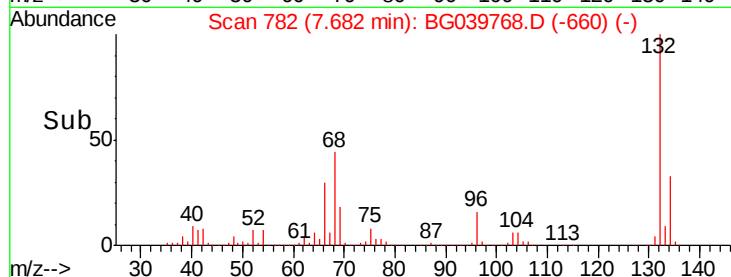
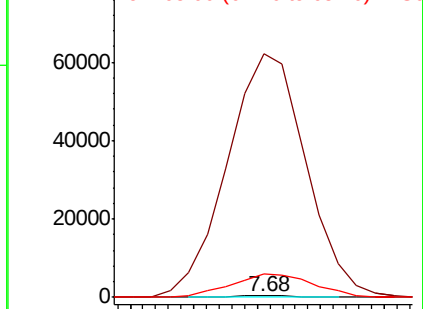
93 100

66 19532.1 34.2 51.4#

65 1906.9 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 127.337 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

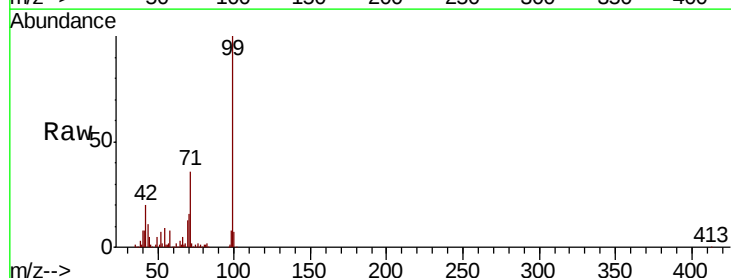
Tgt Ion: 99 Resp: 487953

Ion Ratio Lower Upper

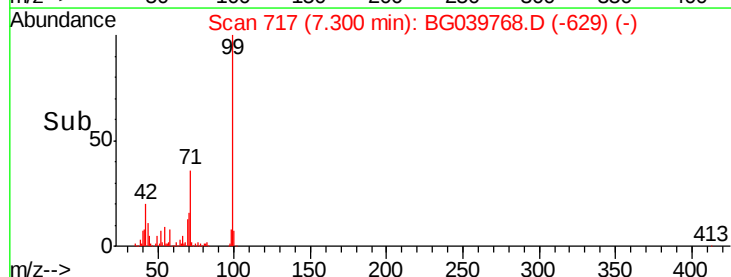
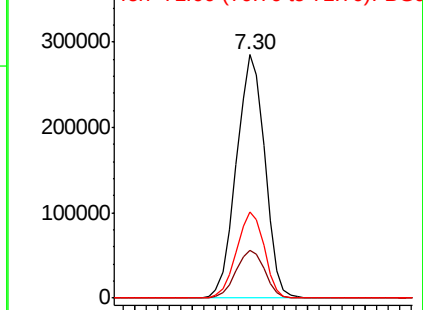
99 100

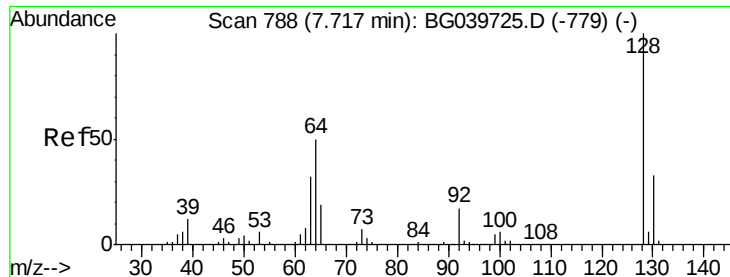
42 19.6 18.2 27.2

71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 0.017 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

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ClientSampleId :

PB117613BL

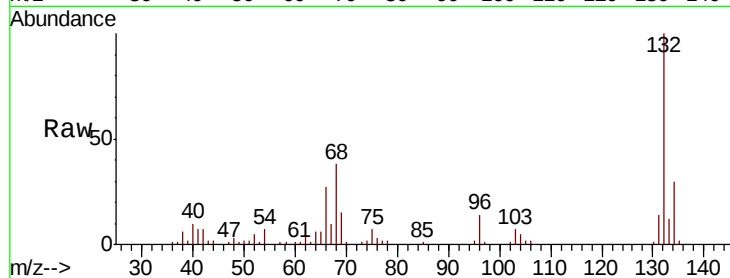
Tgt Ion:128 Resp: 53

Ion Ratio Lower Upper

128 100

130 200.0 12.9 52.9#

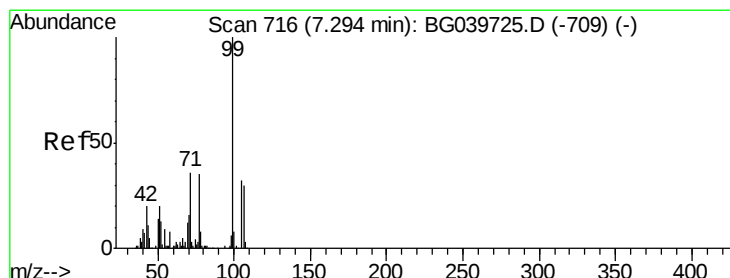
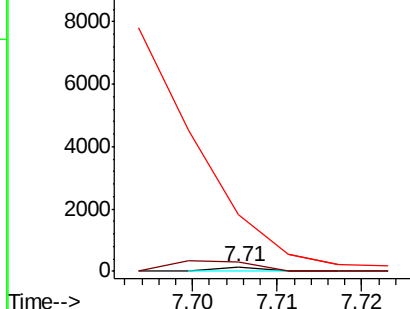
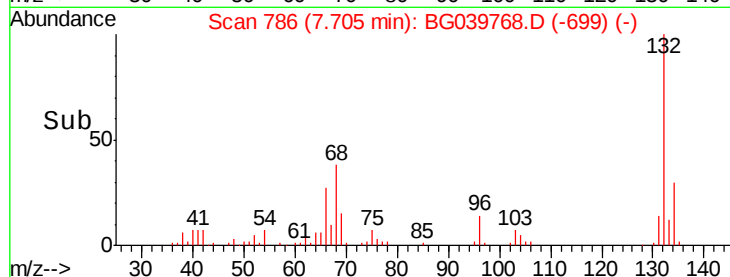
64 1222.0 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.346 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

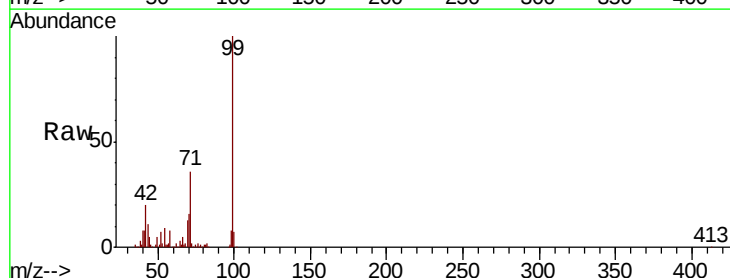
Tgt Ion: 77 Resp: 856

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

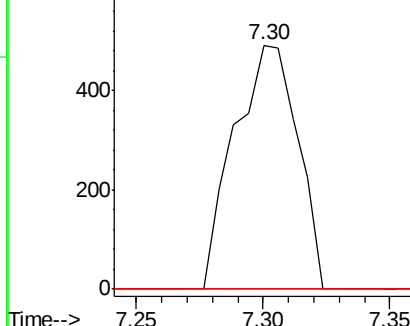
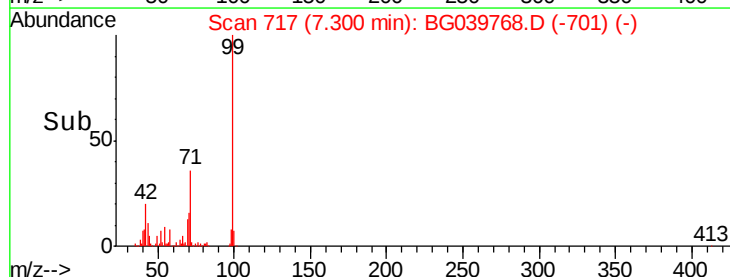
106 0.0 68.0 108.0#

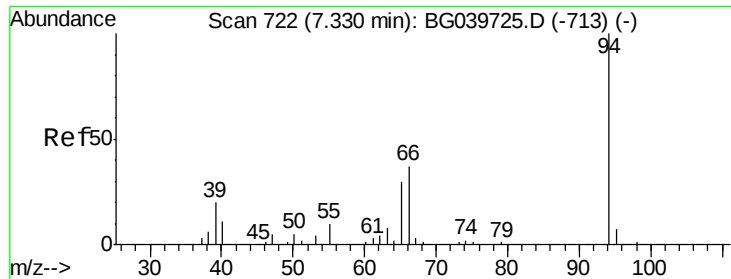


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.013 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.03 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

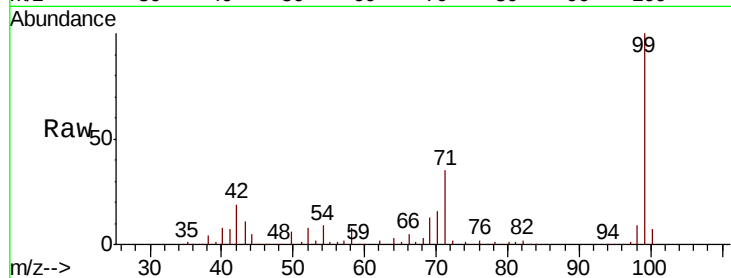
Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

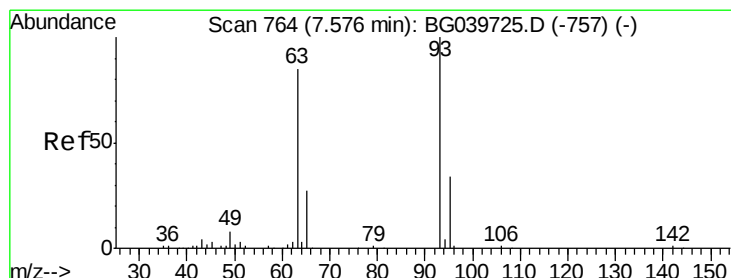
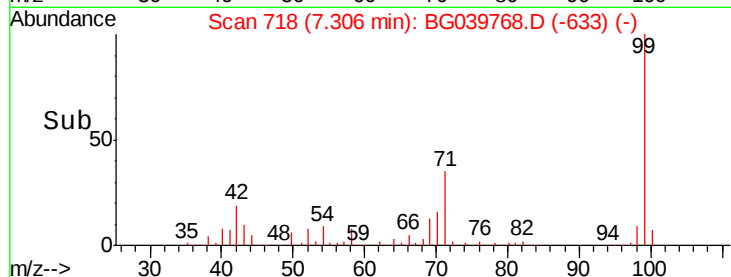
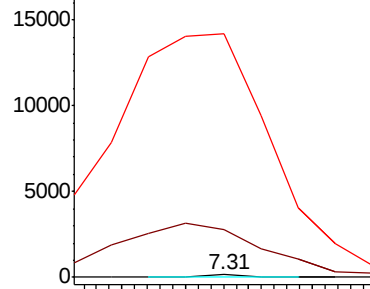
94 100

65 1803.9 11.7 51.7#

66 9275.2 23.7 63.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.141 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.10 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

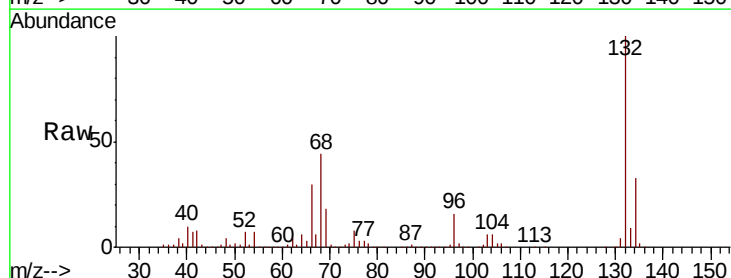
Tgt Ion: 93 Resp: 455

Ion Ratio Lower Upper

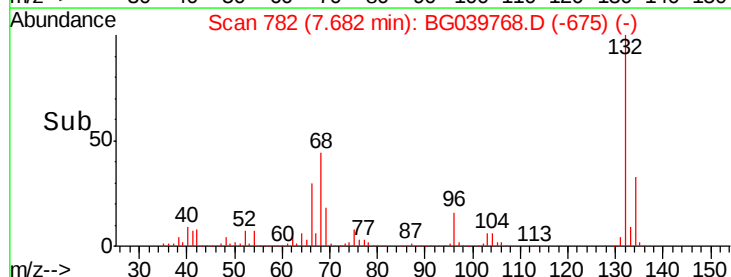
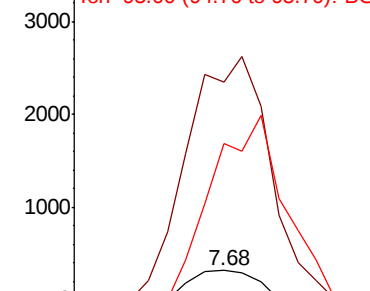
93 100

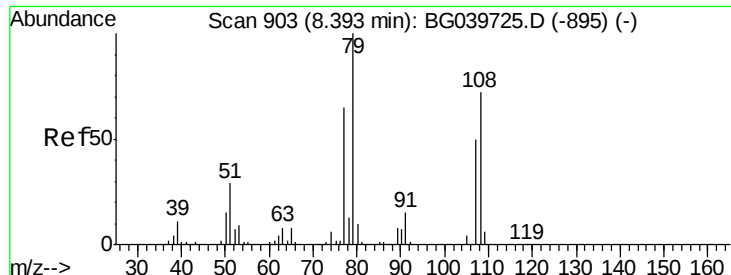
63 740.3 69.5 109.5#

95 528.9 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.505 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.08 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

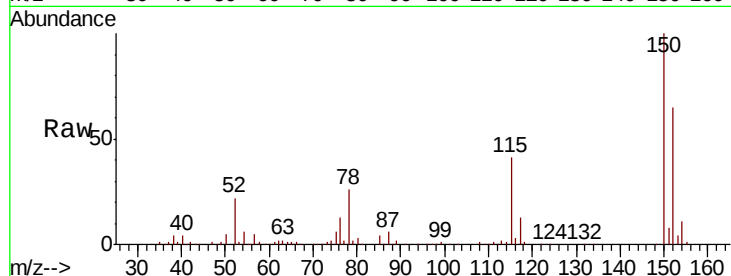
Tgt Ion: 79 Resp: 4575

Ion Ratio Lower Upper

79 100

108 36.6 57.8 86.6#

77 110.6 51.1 76.7#

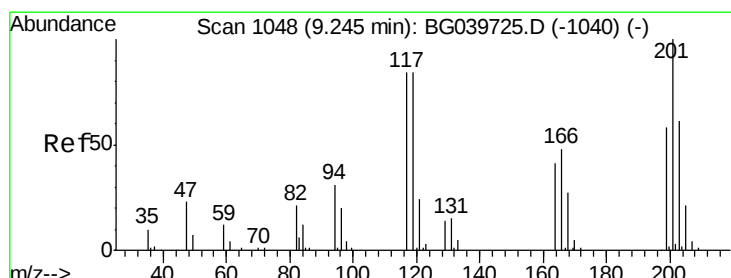
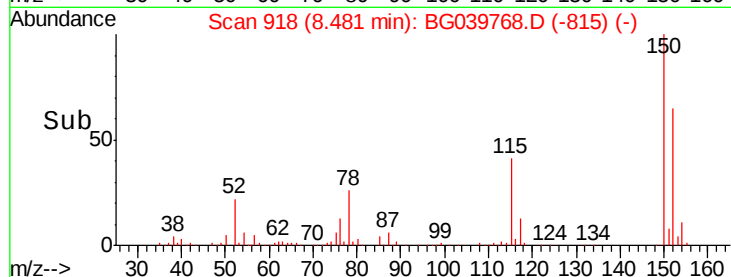
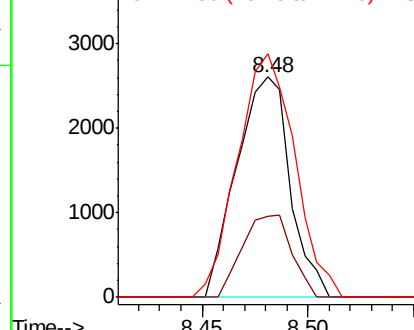


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#18

Hexachloroethane

Concen: 0.046 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.10 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

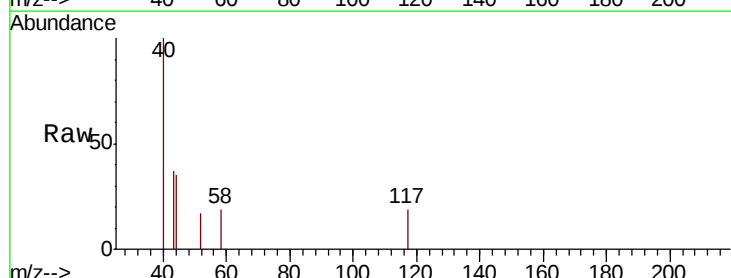
Tgt Ion: 117 Resp: 59

Ion Ratio Lower Upper

117 100

119 0.0 76.3 114.5#

201 0.0 91.1 136.7#

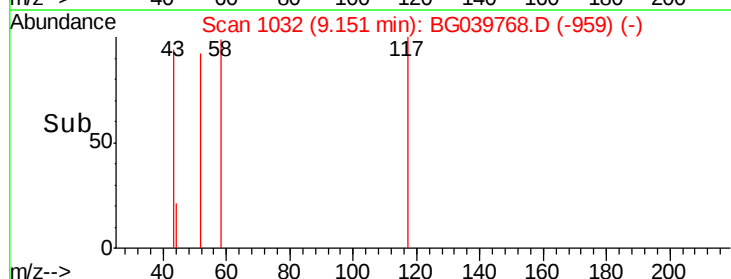
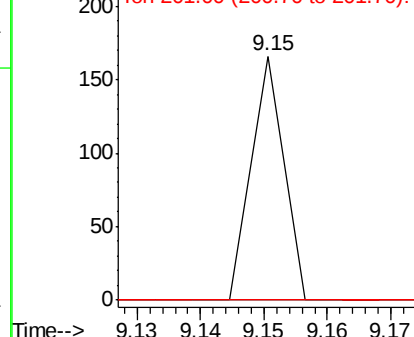


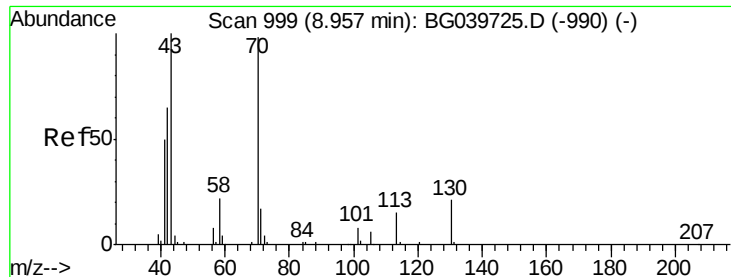
Abundance

Ion 117.00 (116.70 to 117.70): BGC

Ion 119.00 (118.70 to 119.70): BGC

Ion 201.00 (200.70 to 201.70): BGC

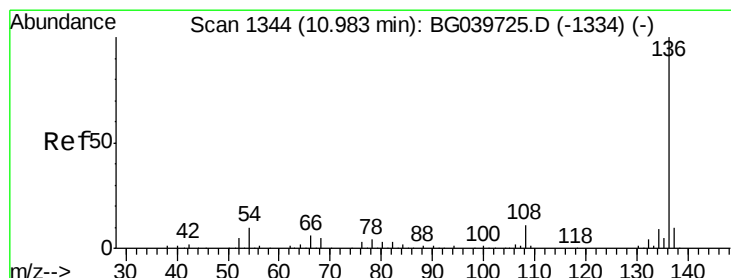
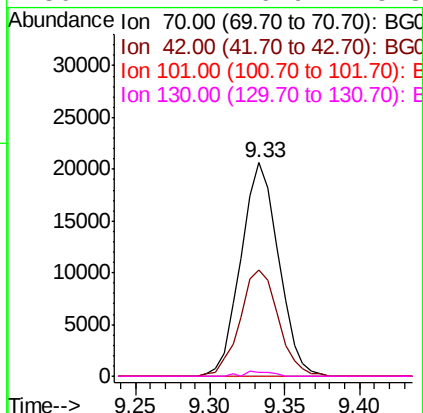
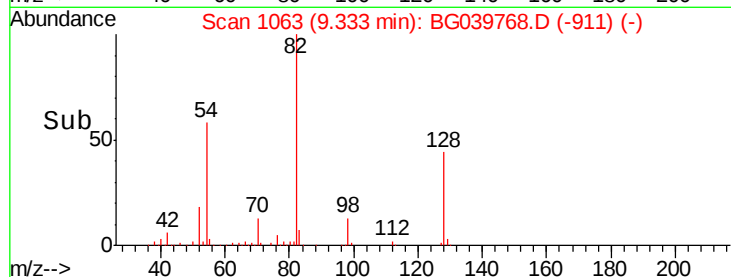
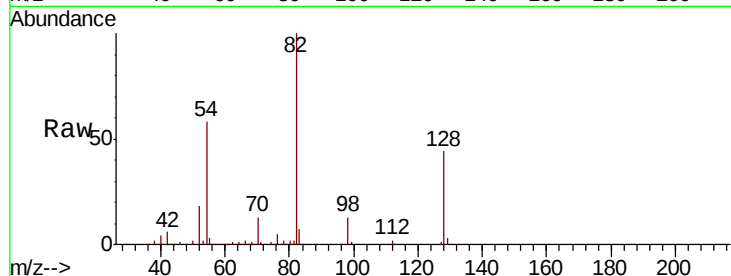




#19
n-Nitroso-di-n-propylamine
Concen: 13.115 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

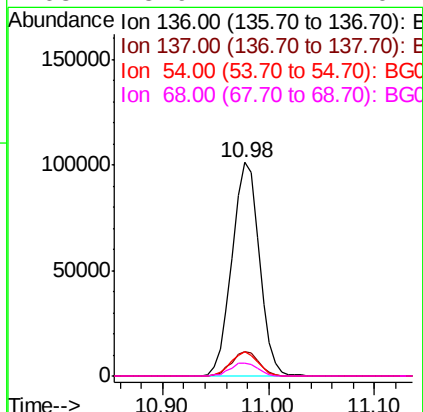
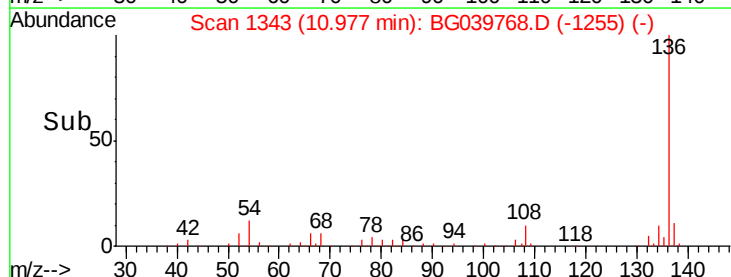
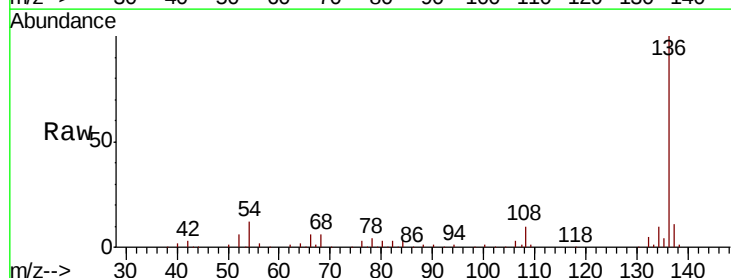
Instrument :
BNA_G
ClientSampleId :
PB117613BL

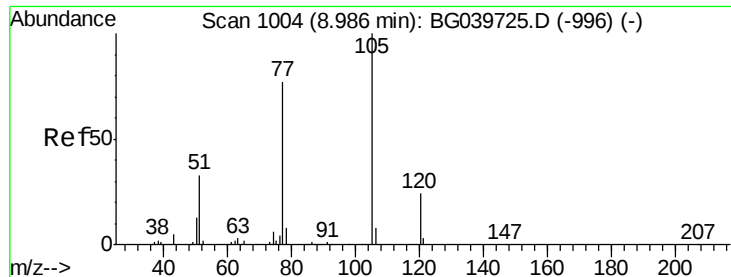
Tgt Ion: 70 Resp: 36173
Ion Ratio Lower Upper
70 100
42 49.7 60.4 90.6#
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion: 136 Resp: 180793
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.5 9.4 14.2
68 5.9 4.2 6.4

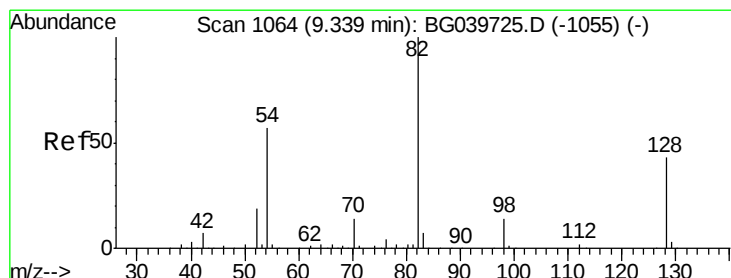
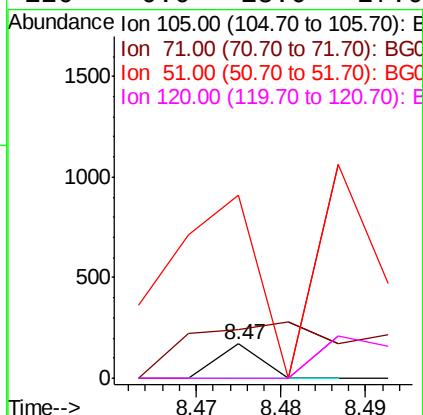
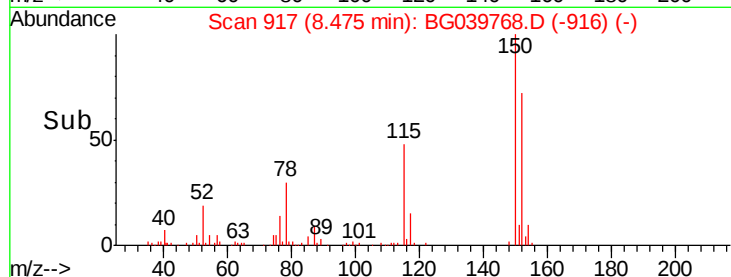
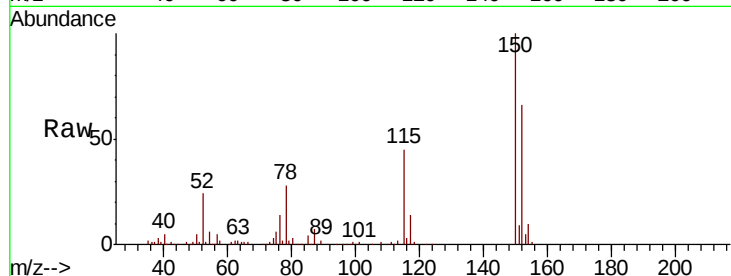




#22
Acetophenone
Concen: 0.012 ng
RT: 8.47 min Scan# 917
Delta R.T. -0.52 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

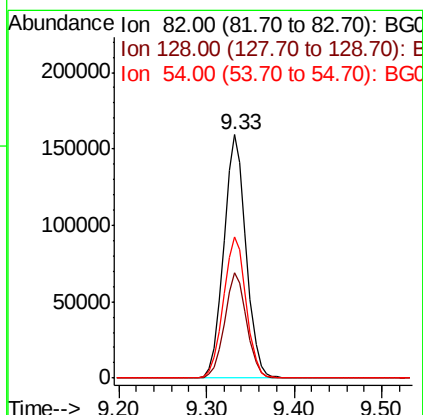
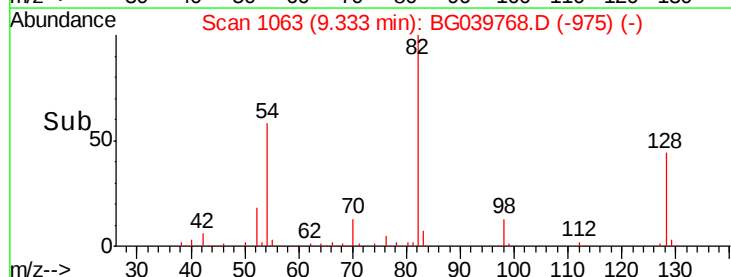
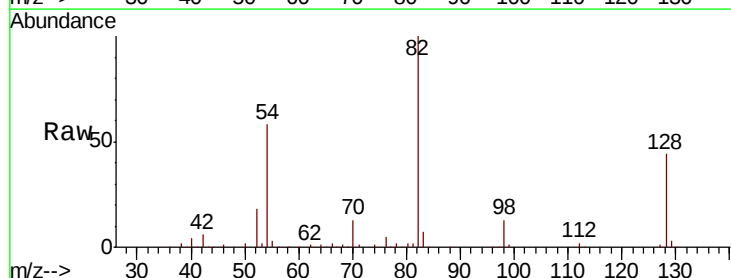
Instrument :
BNA_G
ClientSampleId :
PB117613BL

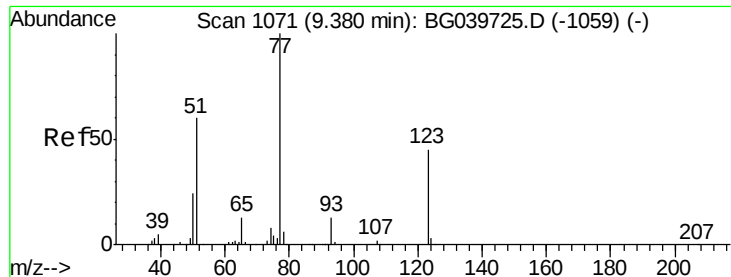
Tgt Ion: 105 Resp: 60
Ion Ratio Lower Upper
105 100
71 141.4 0.8 1.2#
51 539.6 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 83.206 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion: 82 Resp: 278141
Ion Ratio Lower Upper
82 100
128 43.5 31.3 46.9
54 57.9 50.9 76.3

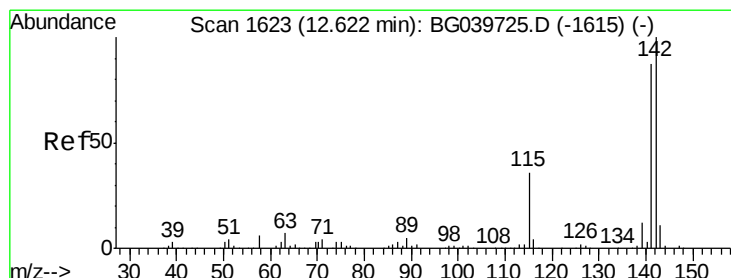
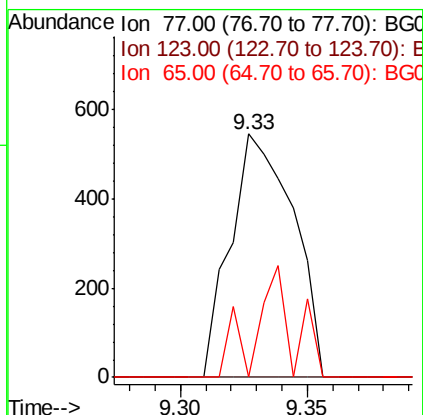
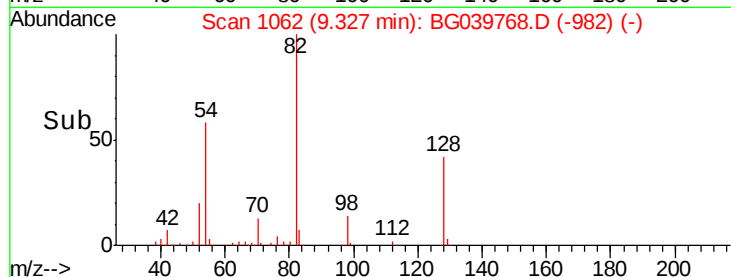
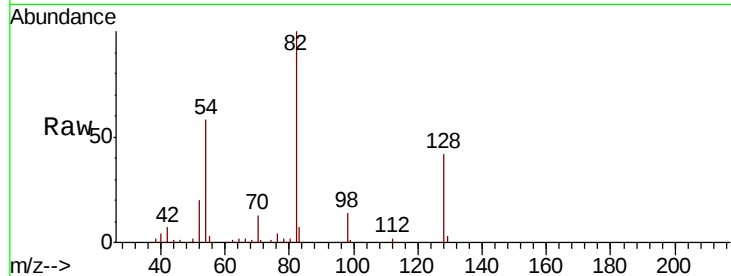




#24
Nitrobenzene
Concen: 0.269 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

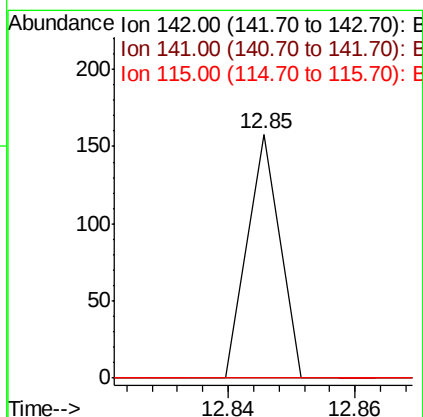
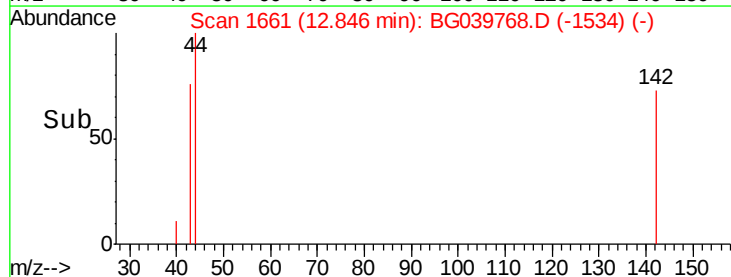
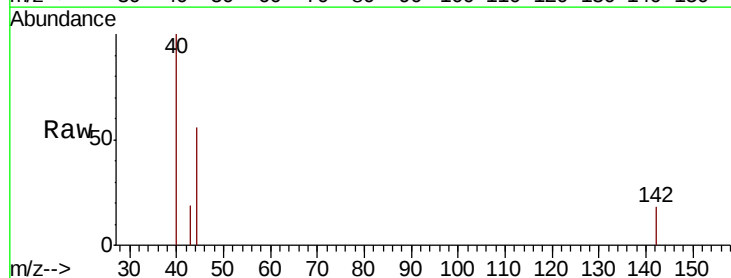
Instrument :
BNA_G
ClientSampleId :
PB117613BL

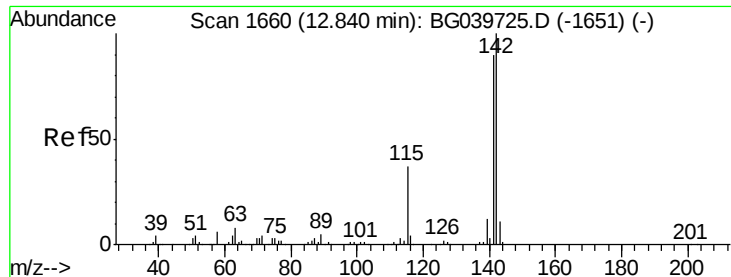
Tgt Ion: 77 Resp: 943
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 0.0 12.3 18.5#



#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.22 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion: 142 Resp: 56
Ion Ratio Lower Upper
142 100
141 0.0 73.5 110.3#
115 0.0 30.8 46.2#

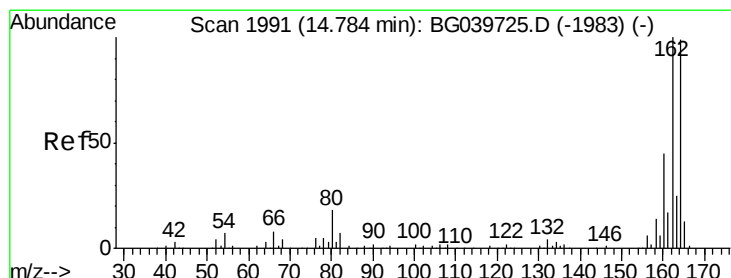
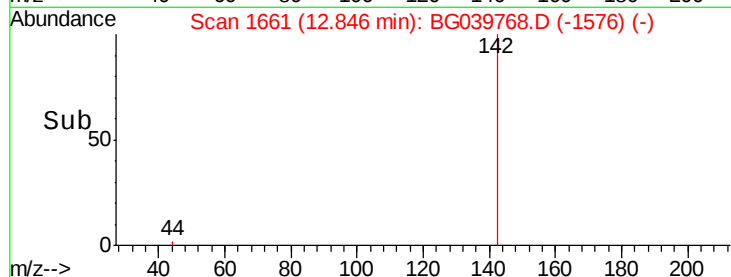
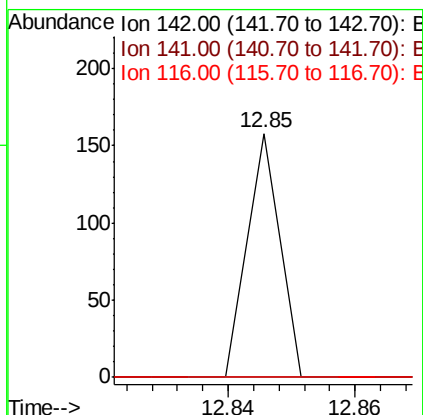
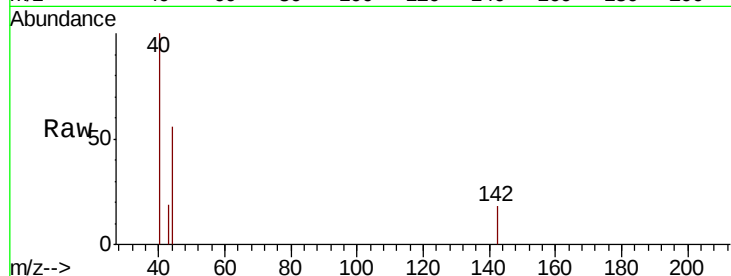




#38
1-Methylnaphthalene
Concen: 0.008 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

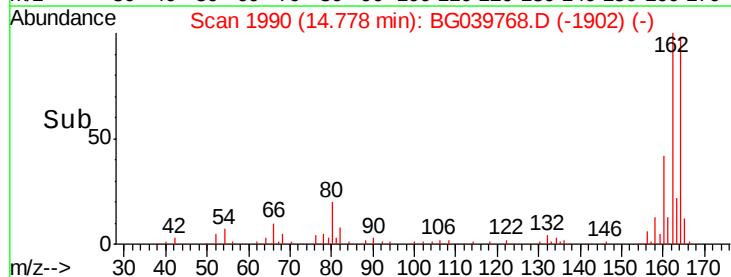
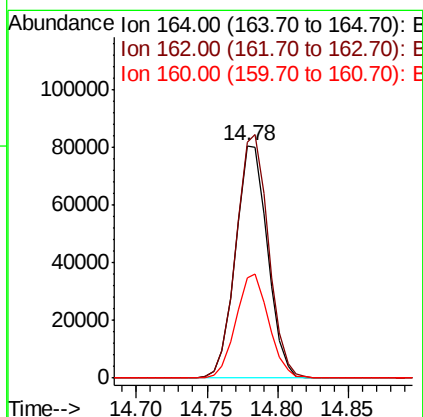
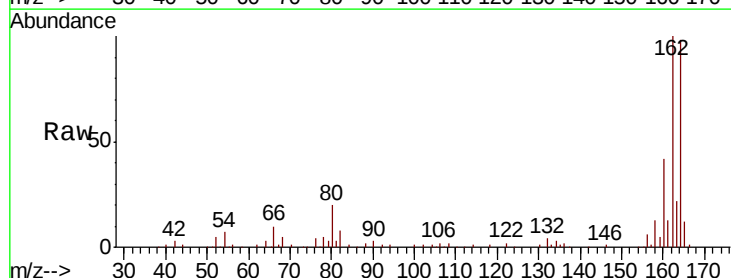
Instrument :
BNA_G
ClientSampleId :
PB117613BL

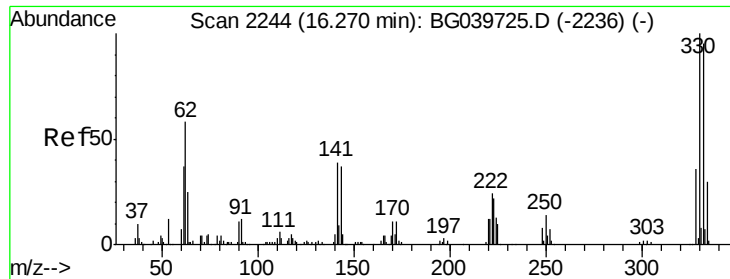
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
141 0.0 74.2 111.4#
116 0.0 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion:164 Resp: 127687
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 43.0 34.2 51.2

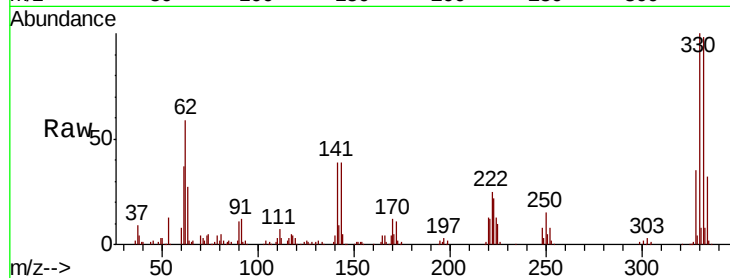




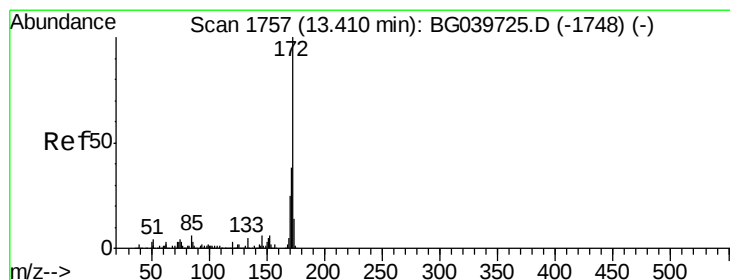
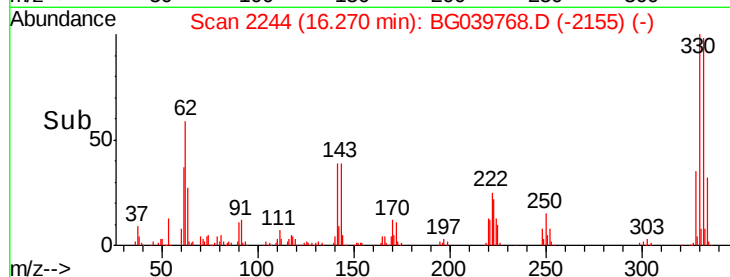
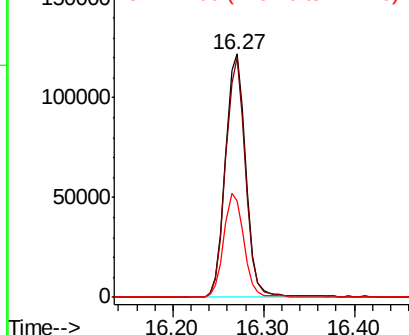
#42
 2,4,6-Tribromophenol
 Concen: 129.013 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Tgt Ion:330 Resp: 192008
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 41.7 35.6 53.4

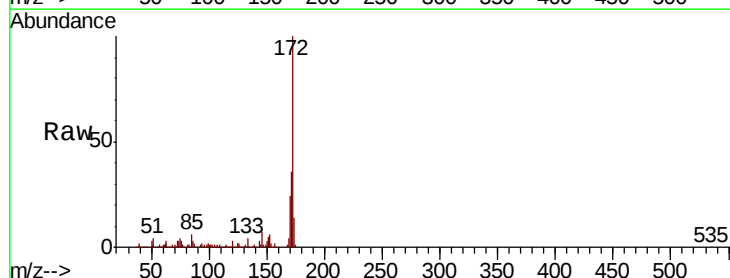


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

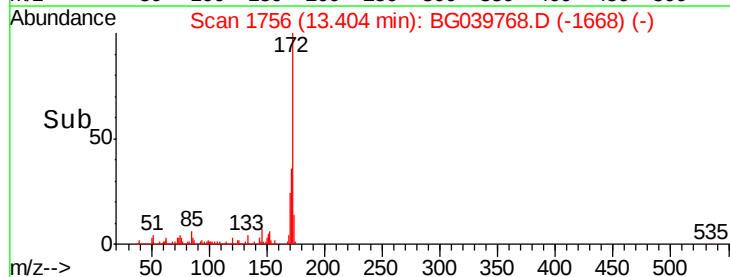
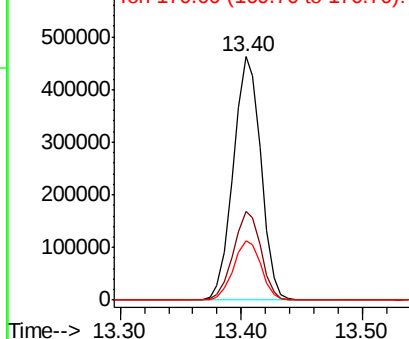


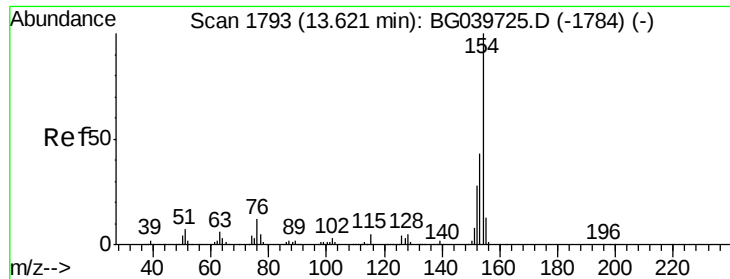
#45
 2-Fluorobiphenyl
 Concen: 82.006 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Tgt Ion:172 Resp: 735422
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.8 46.2
 170 24.3 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.090 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

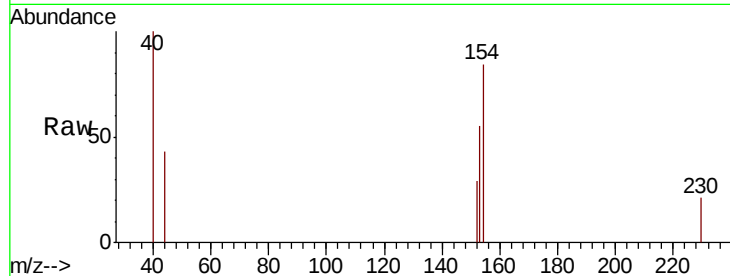
Tgt Ion:154 Resp: 941

Ion Ratio Lower Upper

154 100

153 64.8 22.1 62.1#

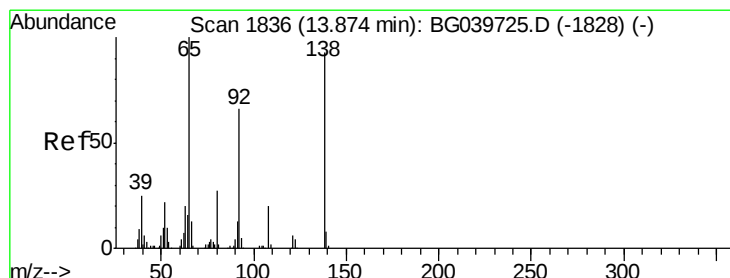
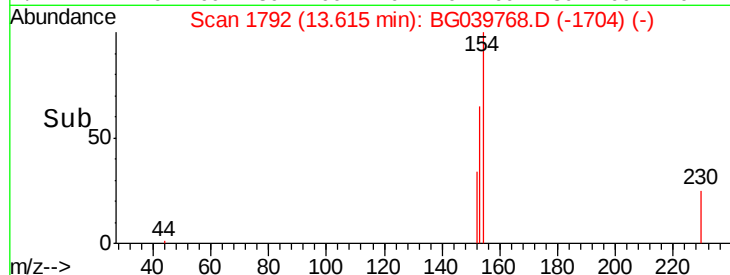
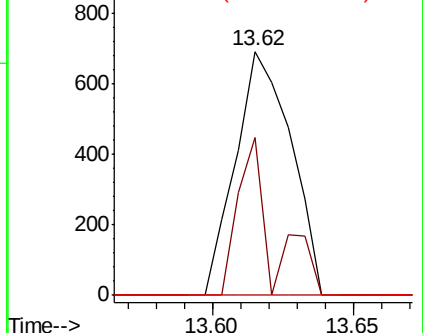
76 0.0 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48

2-Nitroaniline

Concen: 0.471 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.47 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

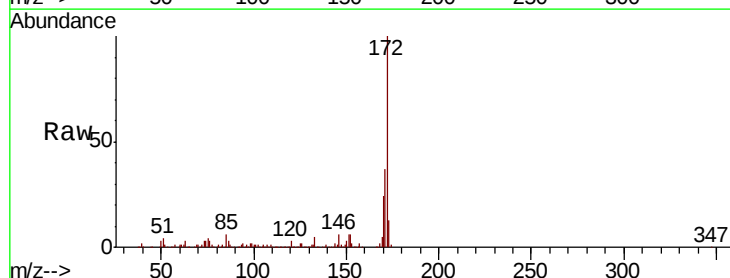
Tgt Ion: 65 Resp: 1197

Ion Ratio Lower Upper

65 100

92 219.5 51.4 77.2#

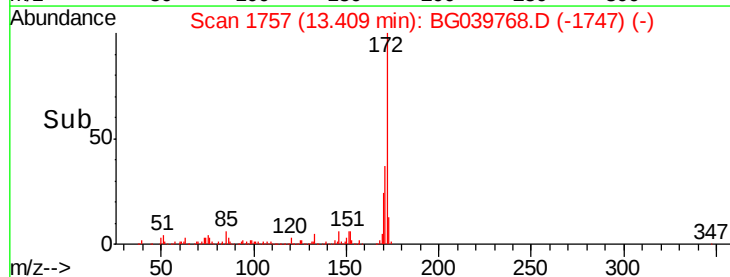
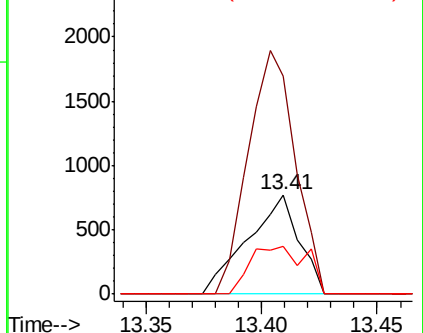
138 48.1 71.4 107.2#

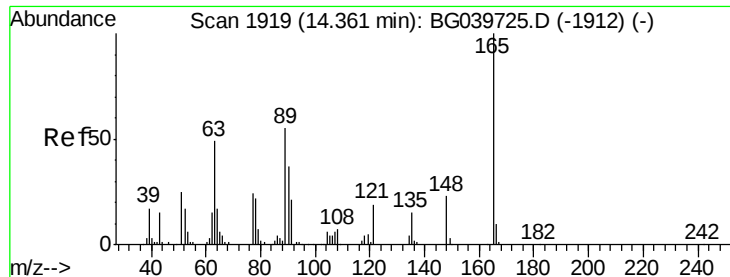


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

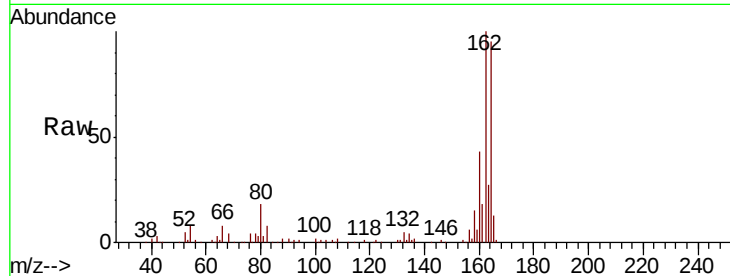




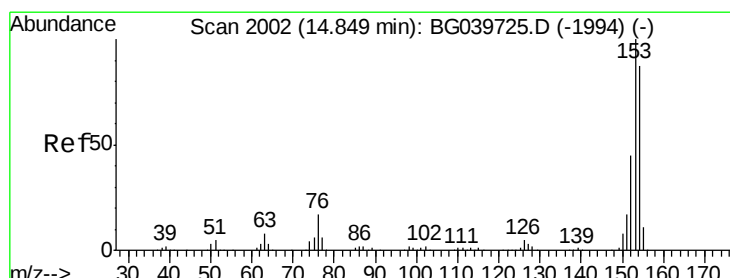
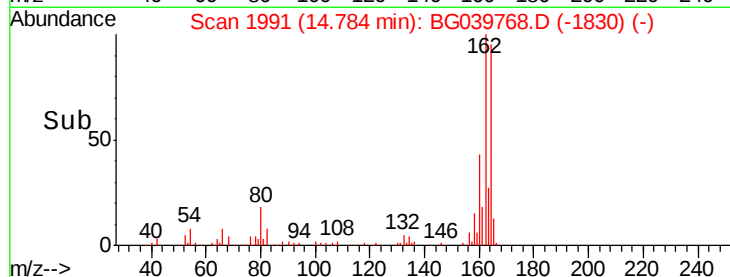
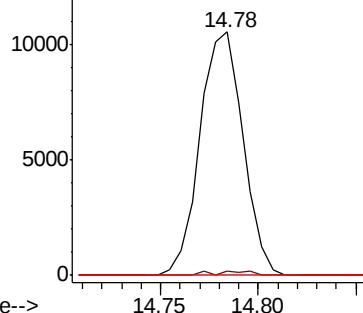
#51
 2,6-Dinitrotoluene
 Concen: 7.131 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. 0.42 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	47.0	70.6#
89	0.0	45.8	68.8#

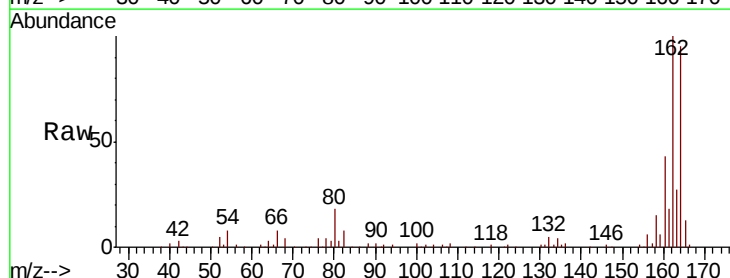


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

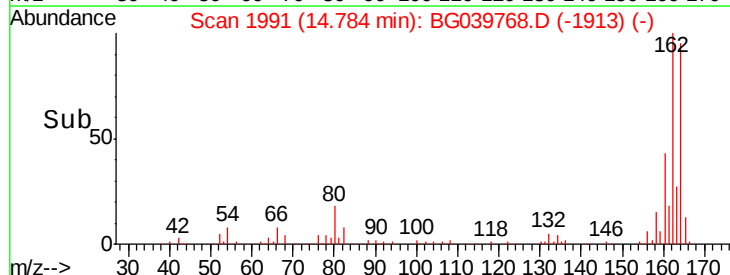
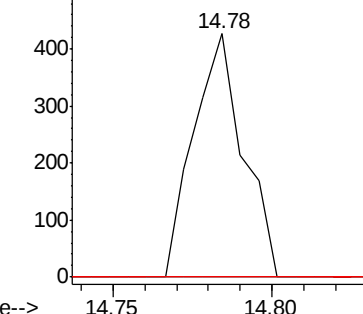


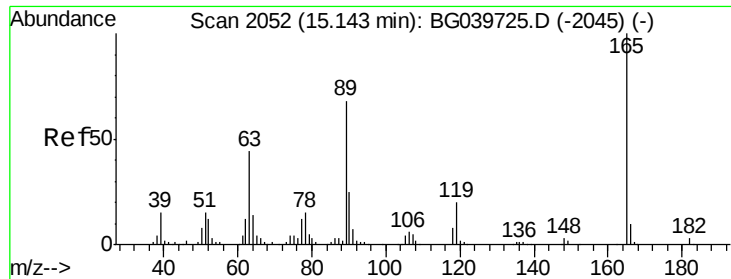
#52
 Acenaphthene
 Concen: 0.059 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.07 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	40.9	61.3#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

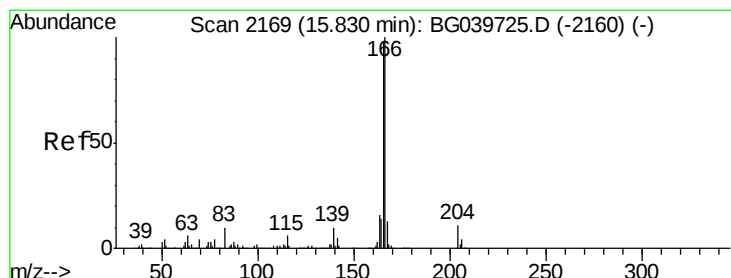
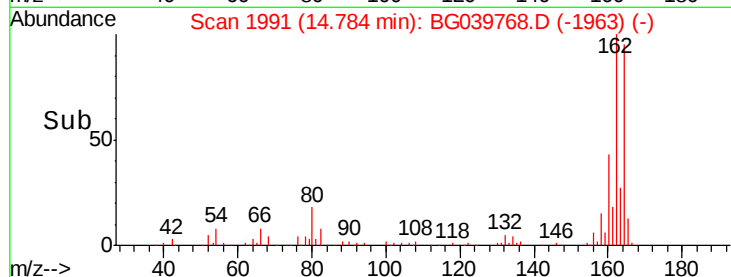
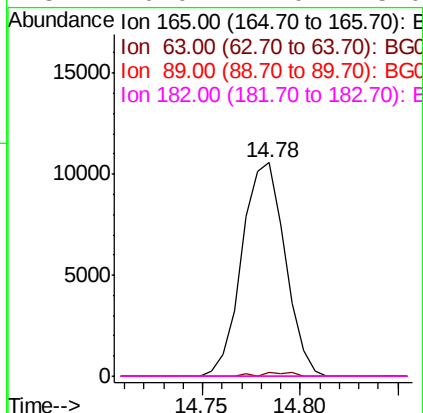
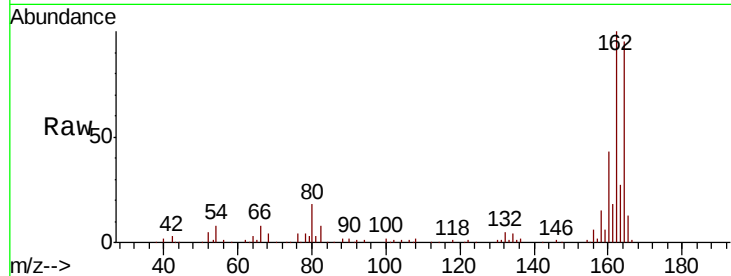




#57
2,4-Dinitrotoluene
Concen: 5.075 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

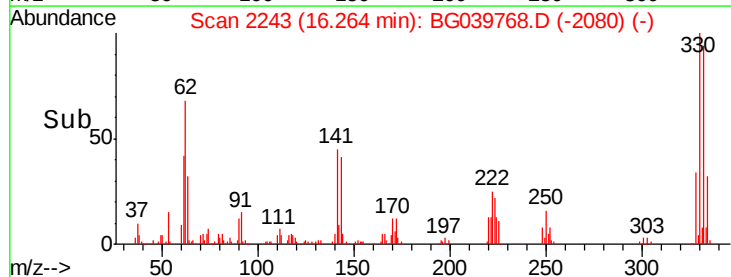
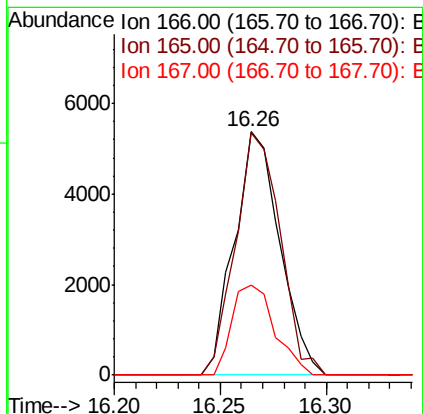
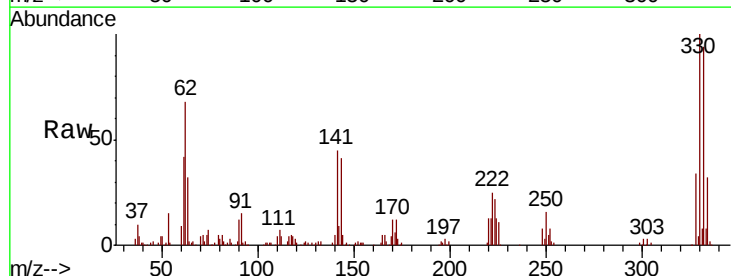
Instrument :
BNA_G
ClientSampleId :
PB117613BL

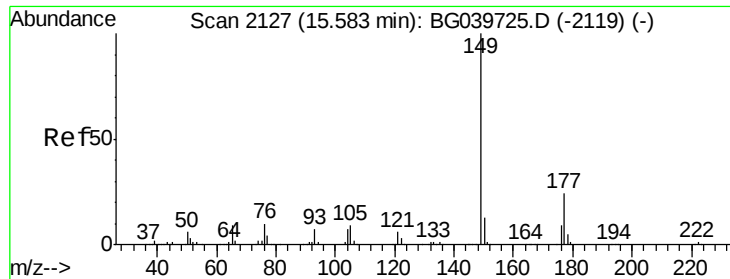
Tgt Ion:165 Resp: 16140
Ion Ratio Lower Upper
165 100
63 1.9 41.0 61.6#
89 0.0 64.6 96.8#
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 0.797 ng
RT: 16.26 min Scan# 2243
Delta R.T. 0.43 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion:166 Resp: 8021
Ion Ratio Lower Upper
166 100
165 99.6 77.9 116.9
167 37.1 10.8 16.2#

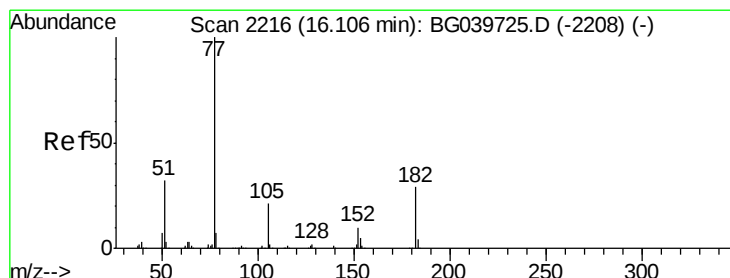
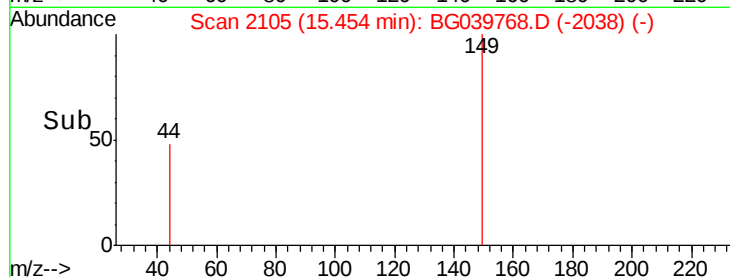
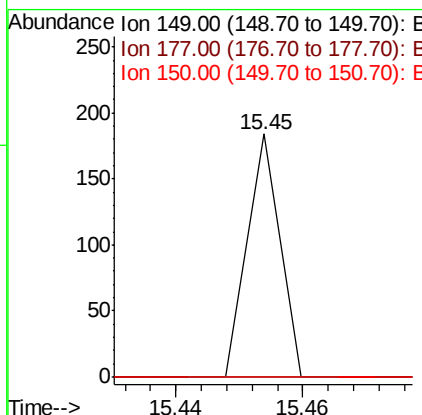
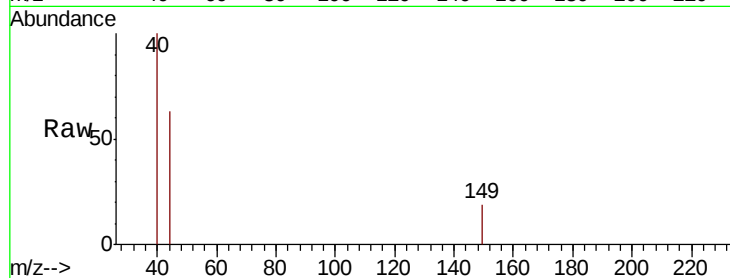




#60
Diethylphthalate
Concen: 0.006 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.14 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

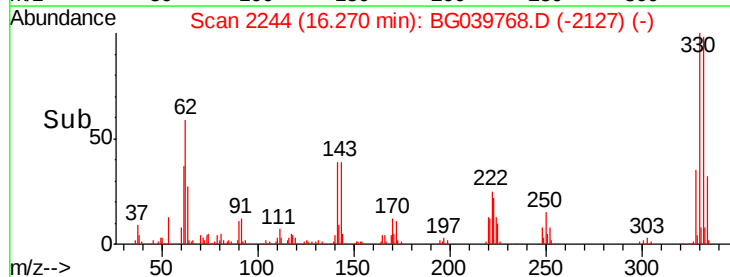
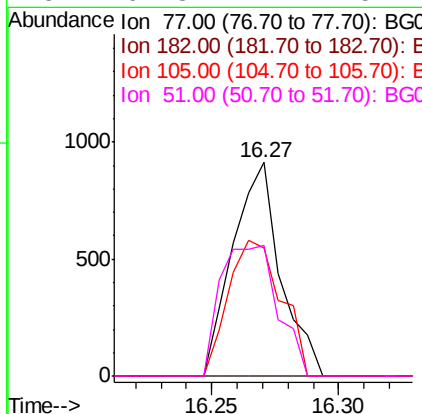
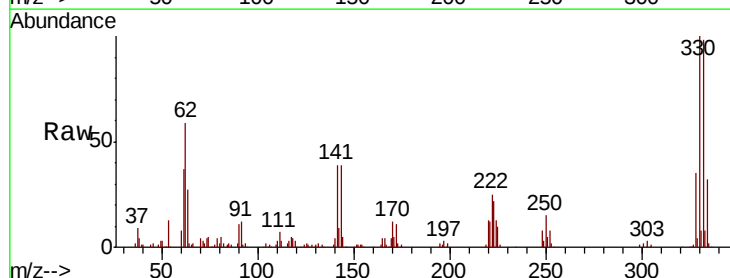
Instrument :
BNA_G
ClientSampleId :
PB117613BL

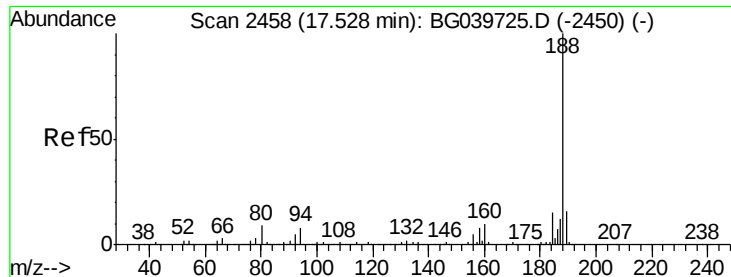
Tgt Ion: 149 Resp: 65
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.125 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.16 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion: 77 Resp: 1202
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 60.1 0.0 39.8#
51 61.3 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

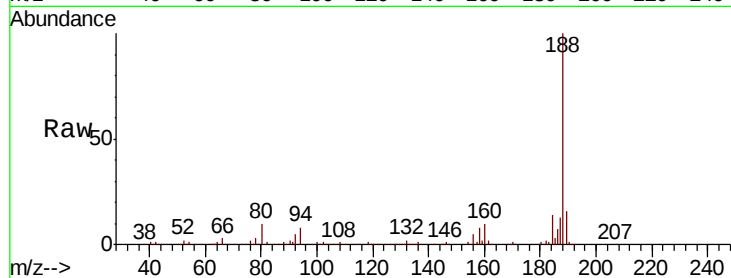
Tgt Ion:188 Resp: 335210

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

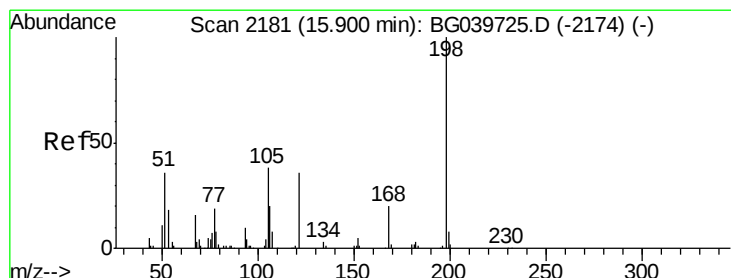
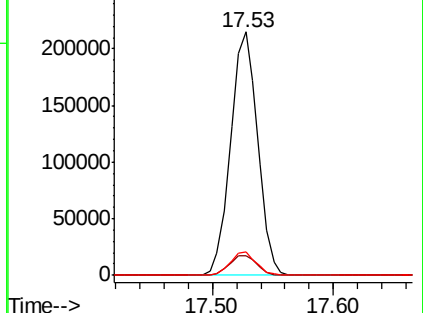
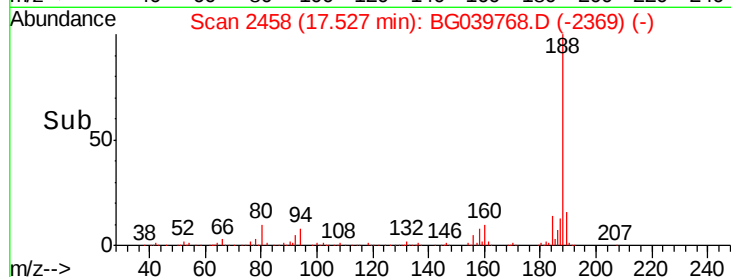
80 9.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.320 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.36 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

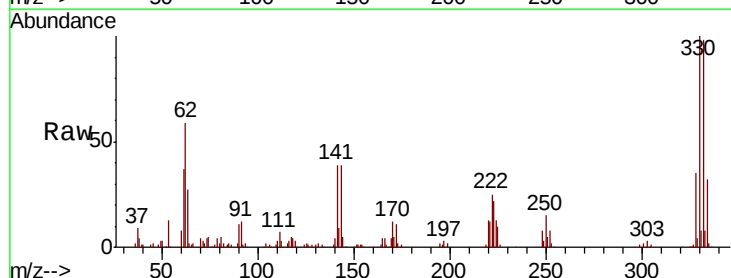
Tgt Ion:198 Resp: 635

Ion Ratio Lower Upper

198 100

51 101.6 27.4 67.4#

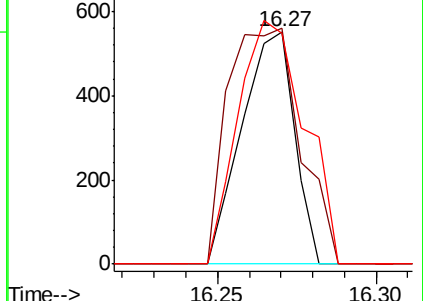
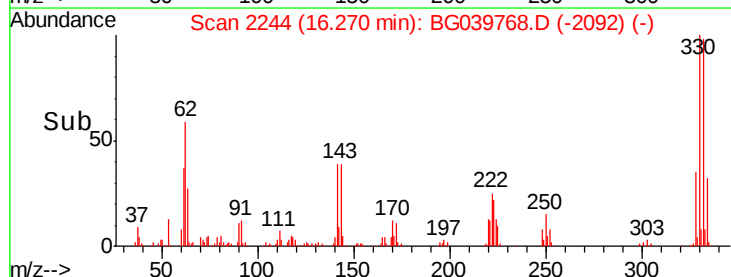
105 99.6 19.7 59.7#

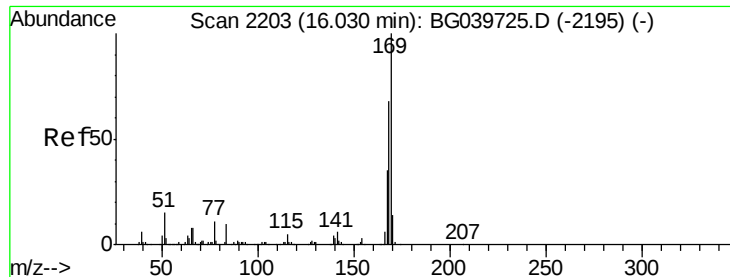


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

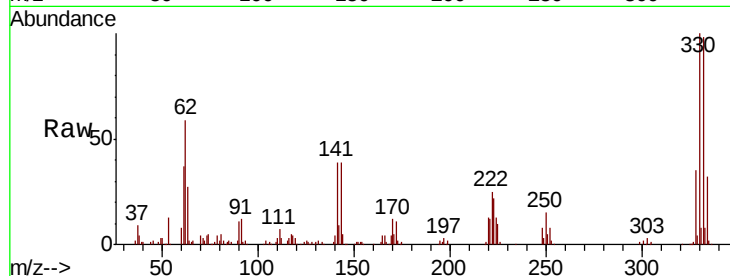




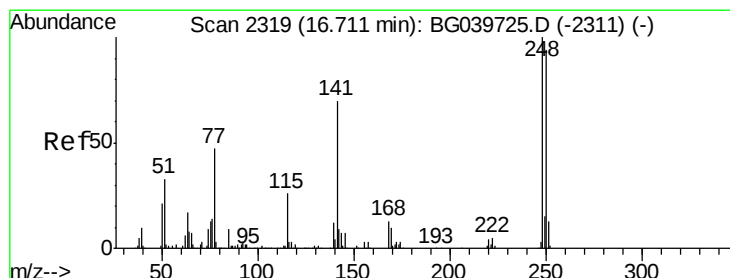
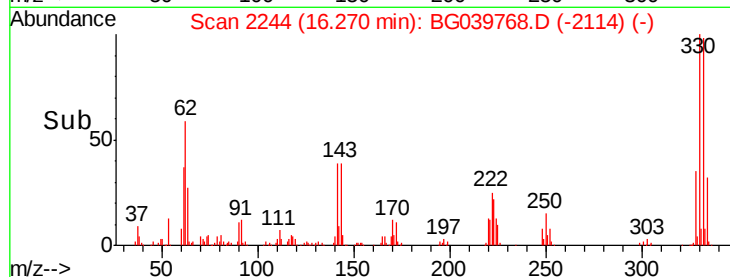
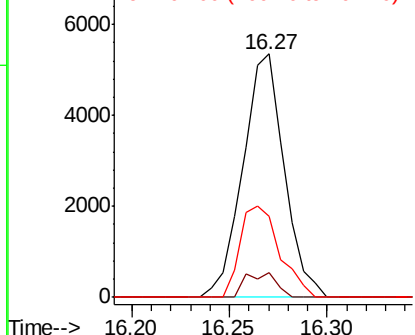
#66
 n-Nitrosodiphenylamine
 Concen: 0.808 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.23 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Tgt Ion:169 Resp: 7838
 Ion Ratio Lower Upper
 169 100
 168 10.1 56.6 85.0#
 167 33.5 28.8 43.2

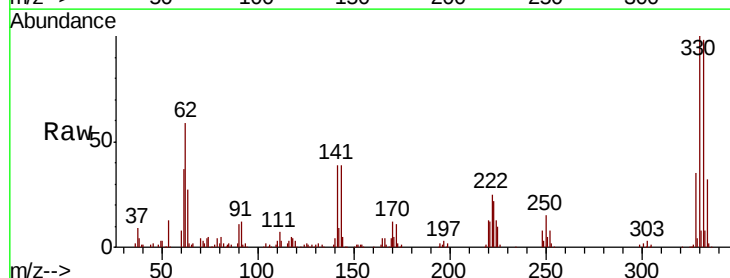


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

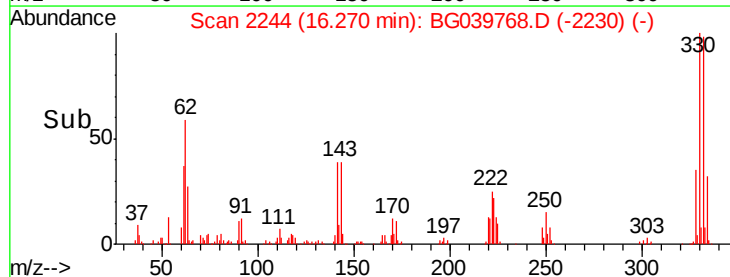
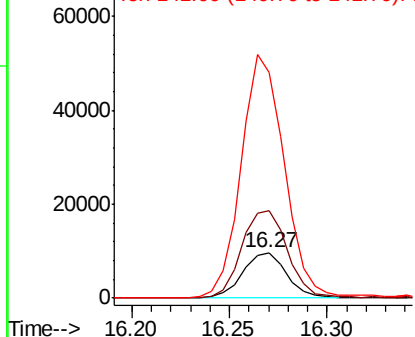


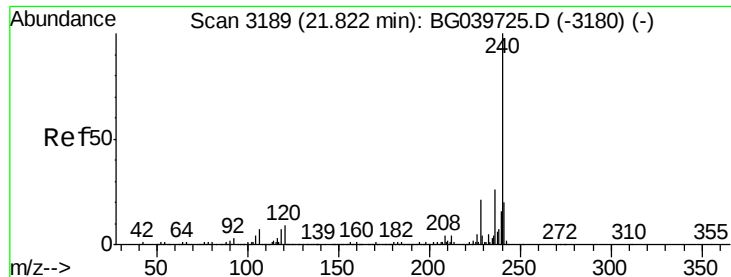
#67
 4-Bromophenyl-phenylether
 Concen: 4.017 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039768.D
 Acq: 5 Mar 2019 17:26

Tgt Ion:248 Resp: 15073
 Ion Ratio Lower Upper
 248 100
 250 192.2 77.6 116.4#
 141 493.5 63.9 95.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

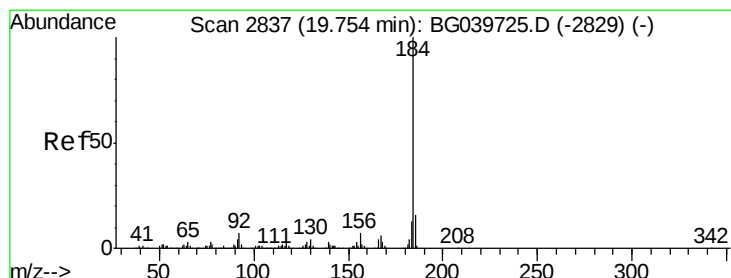
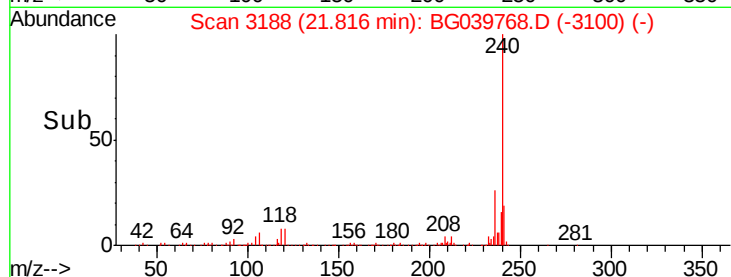
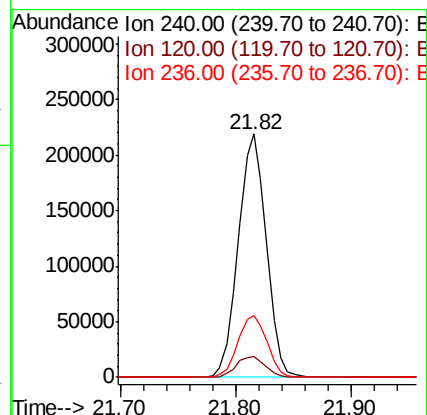
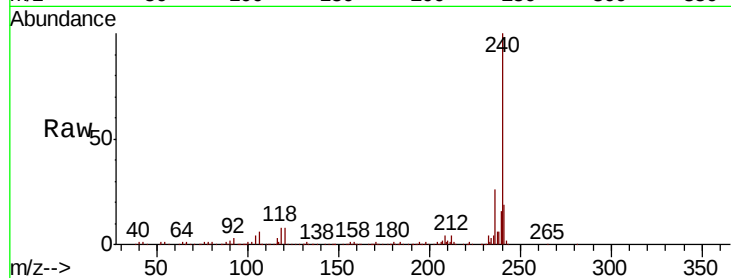




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

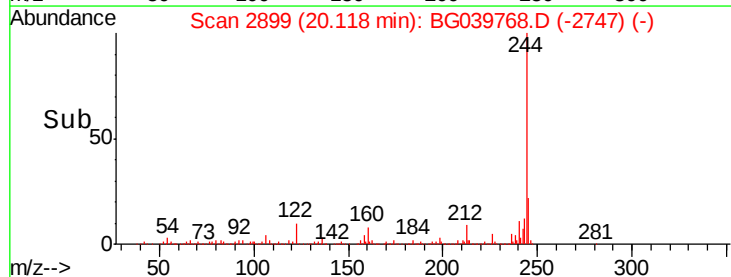
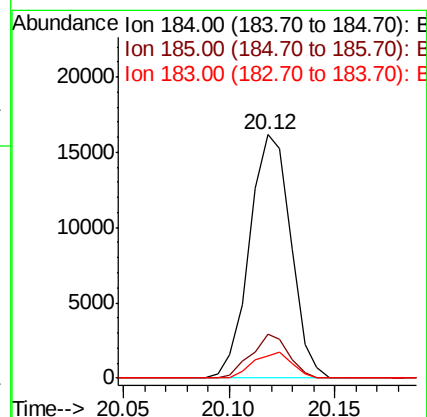
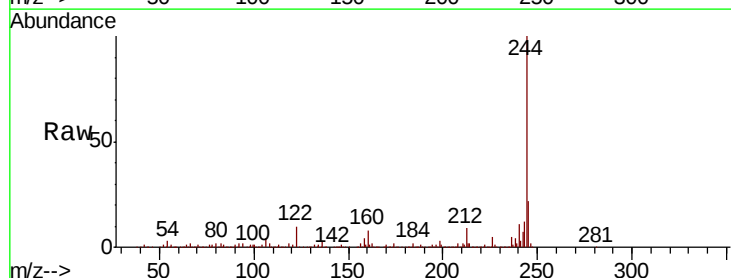
Instrument :
BNA_G
ClientSampleId :
PB117613BL

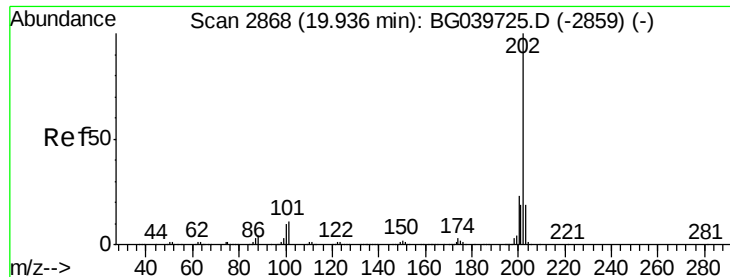
Tgt Ion:240 Resp: 367258
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.6 21.0 31.4



#77
Benzidine
Concen: 1.884 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion:184 Resp: 21958
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 9.3 10.6 15.8#





#78

Pyrene

Concen: 0.213 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

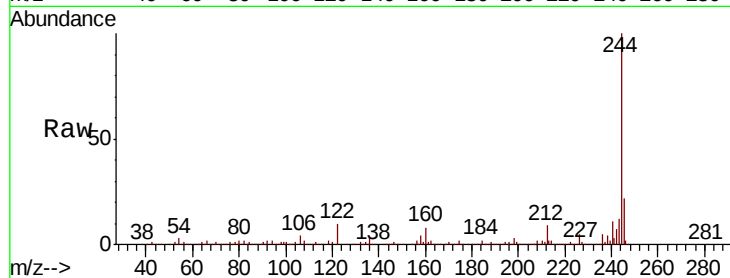
Tgt Ion:202 Resp: 5080

Ion Ratio Lower Upper

202 100

200 59.8 17.8 26.8#

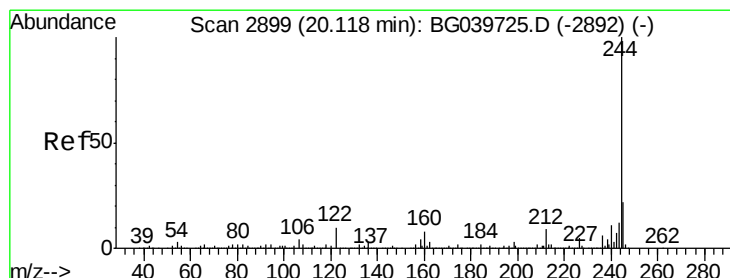
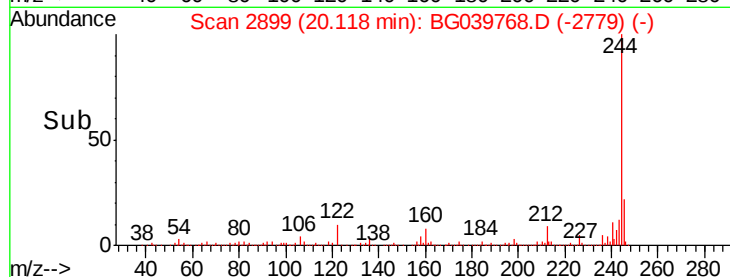
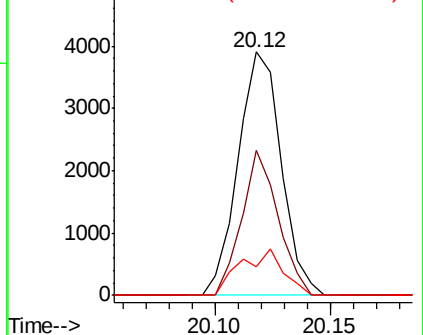
203 11.6 15.3 22.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 77.968 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

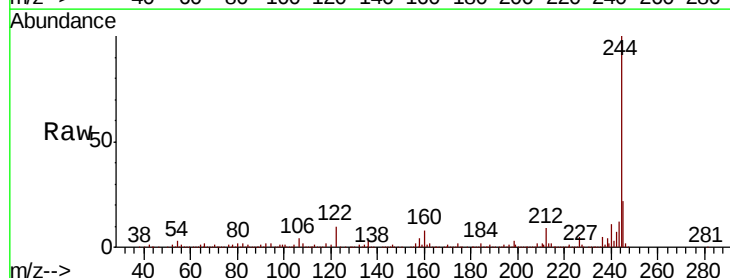
Tgt Ion:244 Resp: 1300488

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

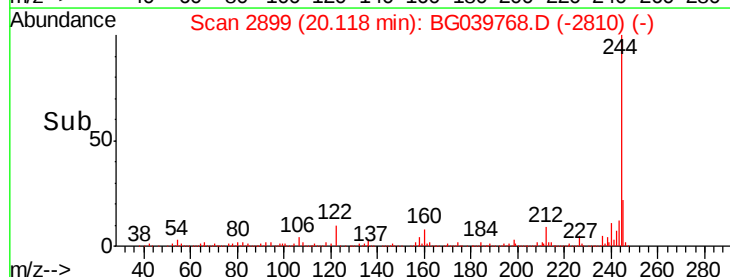
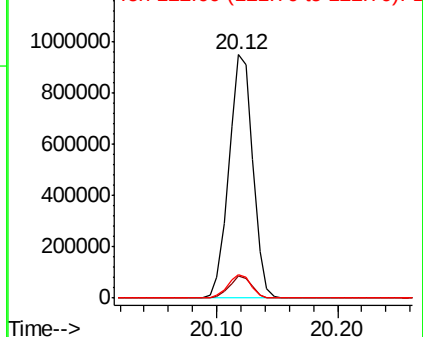
122 9.6 8.4 12.6

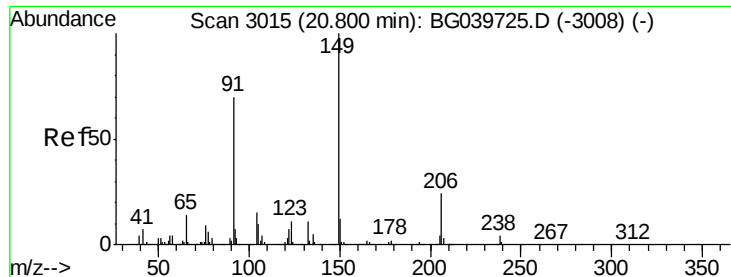


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

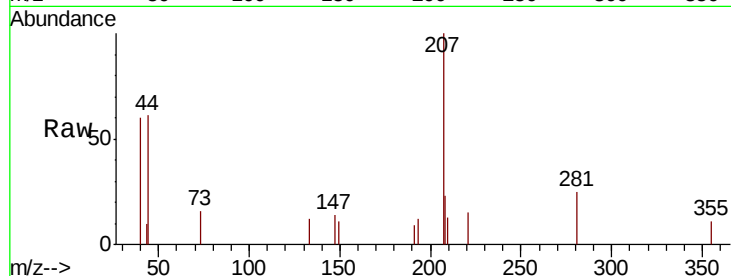




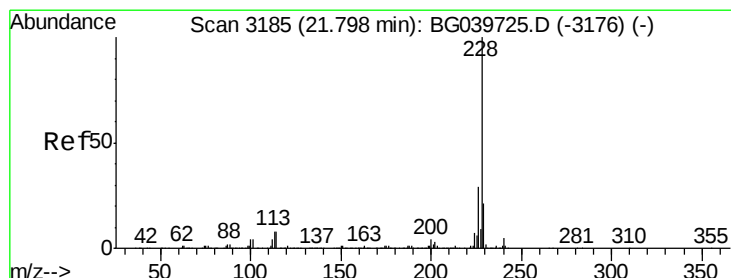
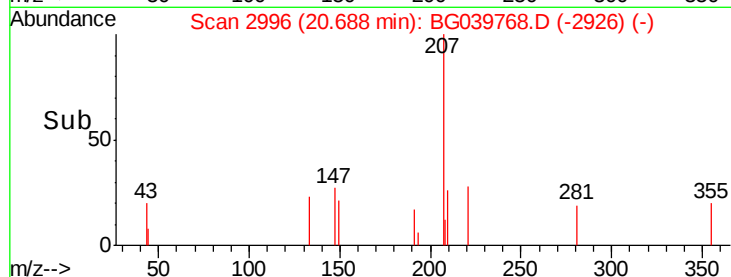
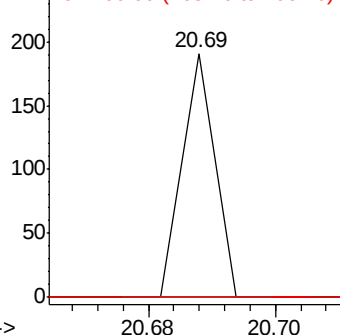
#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.12 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tgt Ion:149 Resp: 67
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#

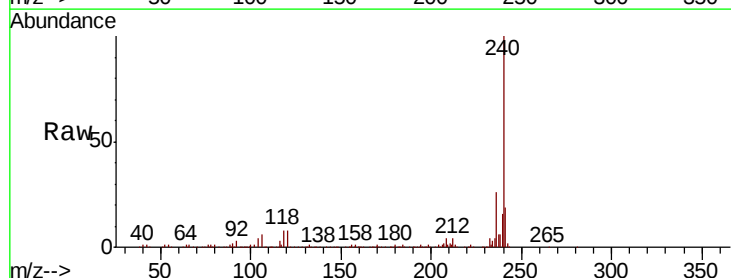


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

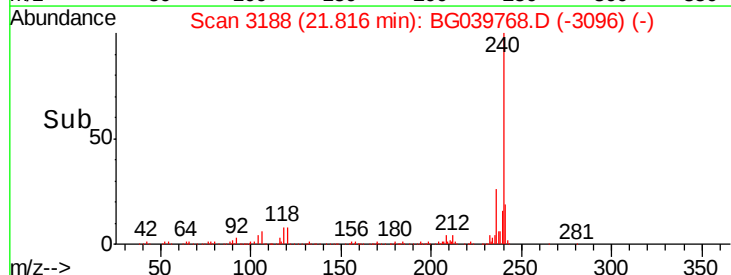
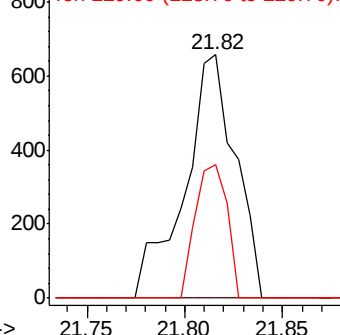


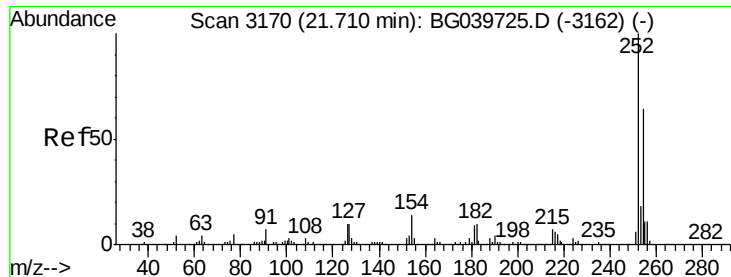
#81
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.82 min Scan# 3188
Delta R.T. 0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion:228 Resp: 1187
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 54.7 16.9 25.3#



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





#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.22 min Scan# 3086

Delta R.T. -0.50 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

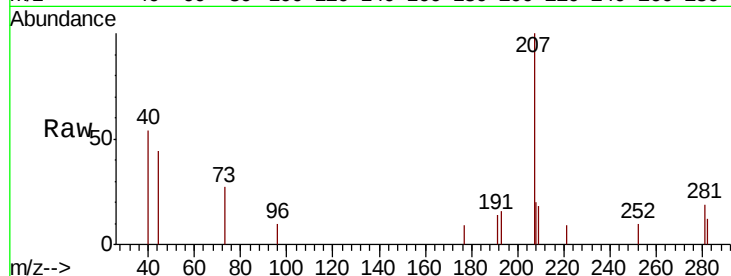
Tgt Ion:252 Resp: 70

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

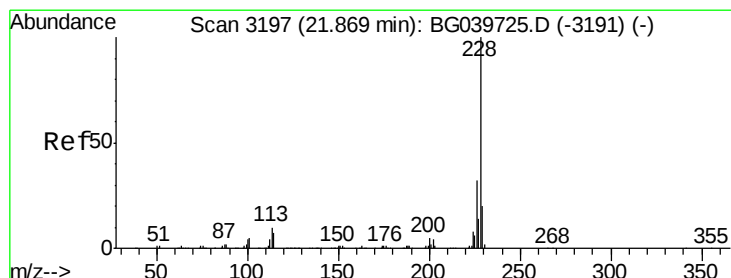
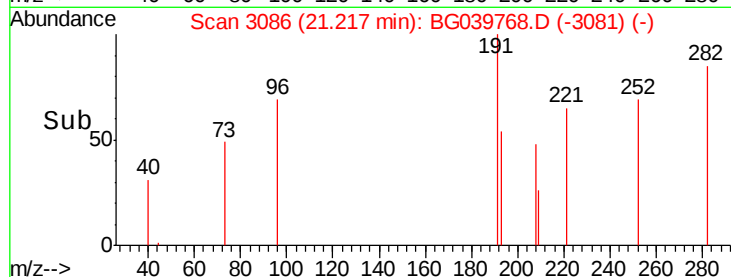
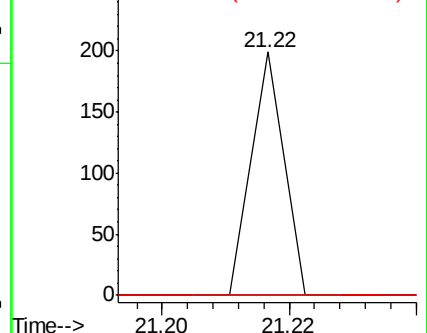
126 0.0 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.053 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

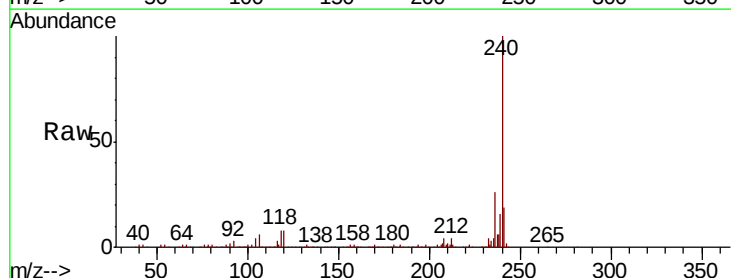
Tgt Ion:228 Resp: 1187

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

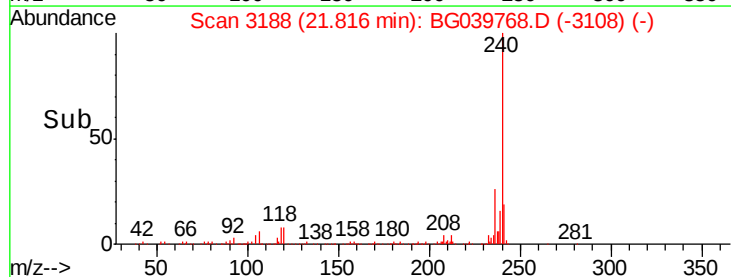
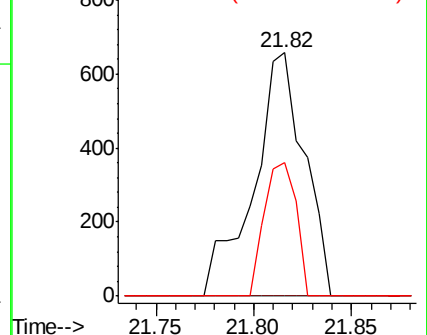
229 54.7 16.6 25.0#

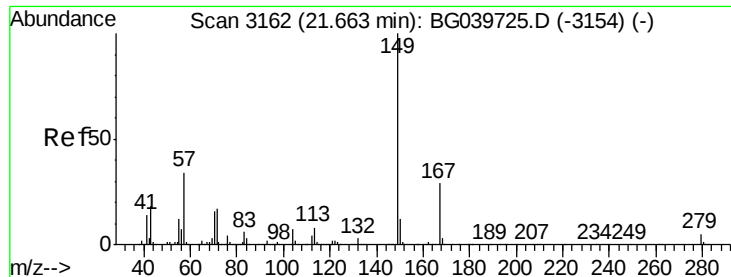


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.07 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

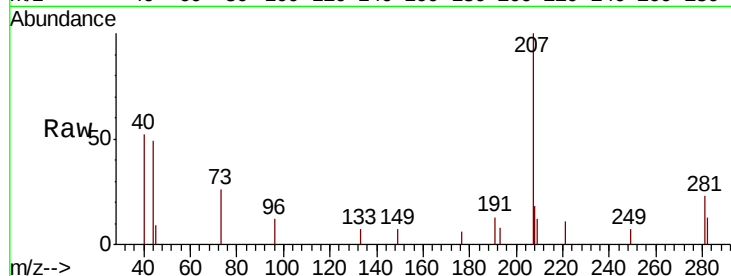
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

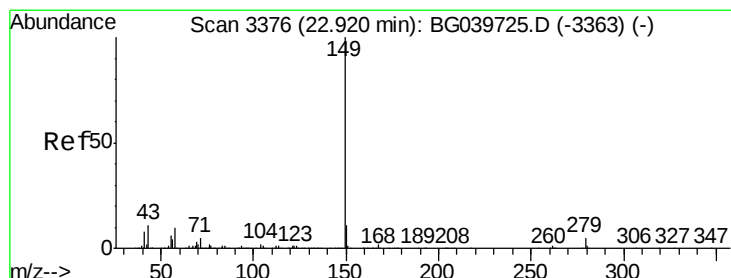
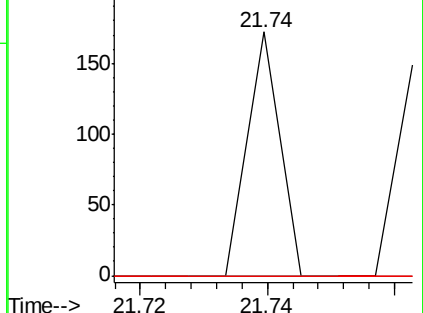
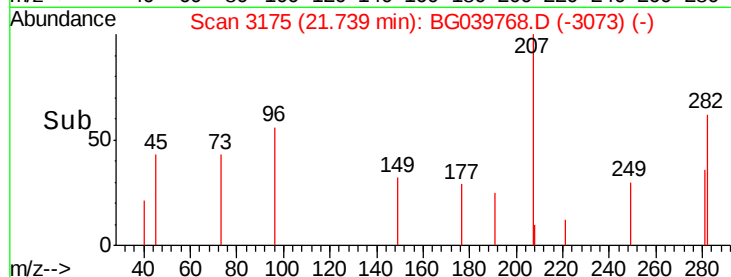
279 0.0 3.5 5.3#



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



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 23.00 min Scan# 3390

Delta R.T. 0.08 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

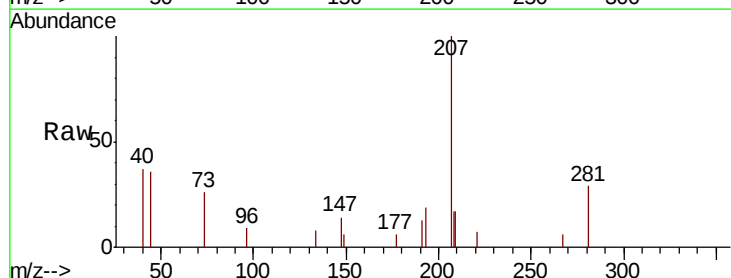
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

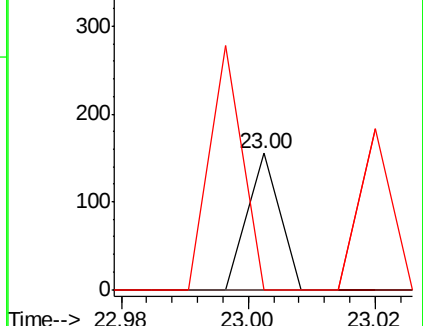
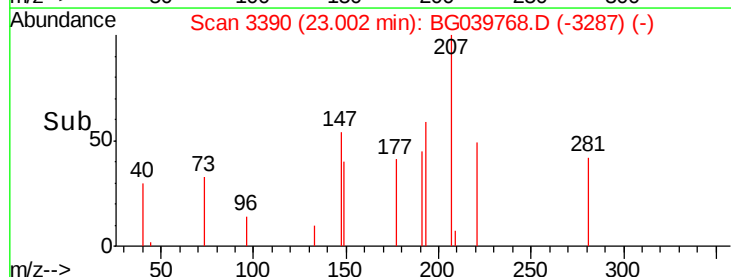
43 178.2 10.2 15.4#

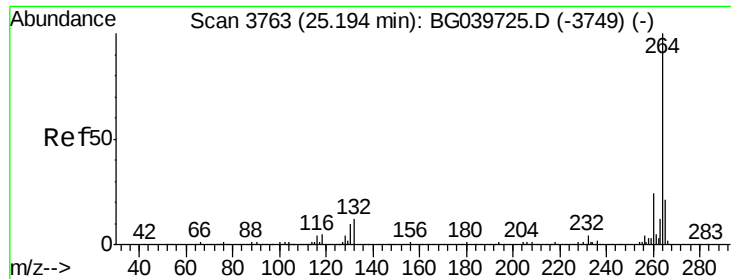


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



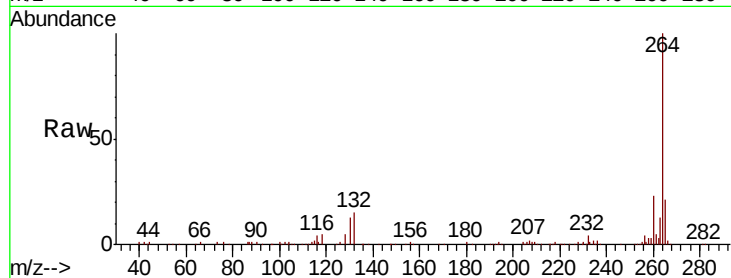


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

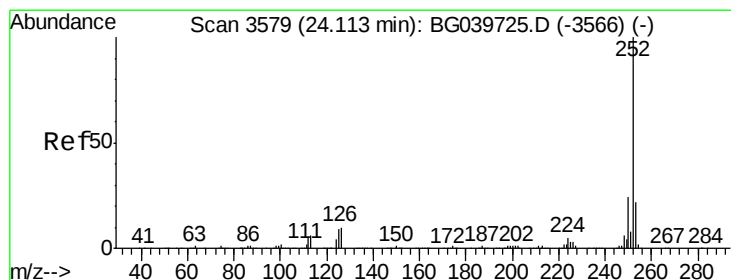
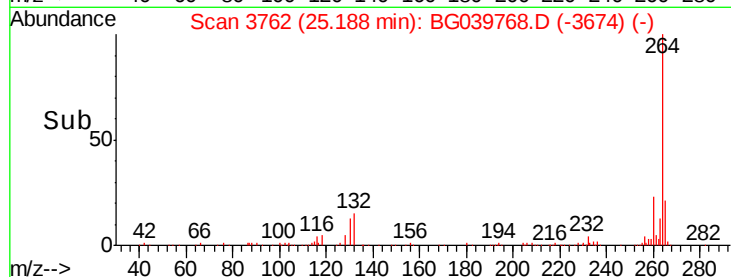
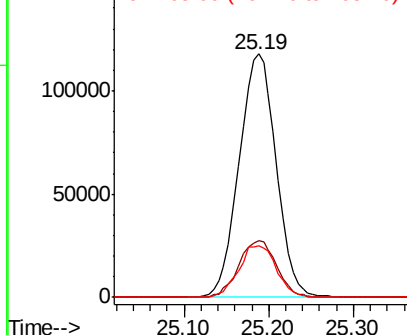
Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tgt Ion: 264 Resp: 358181

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.1	18.5	27.7



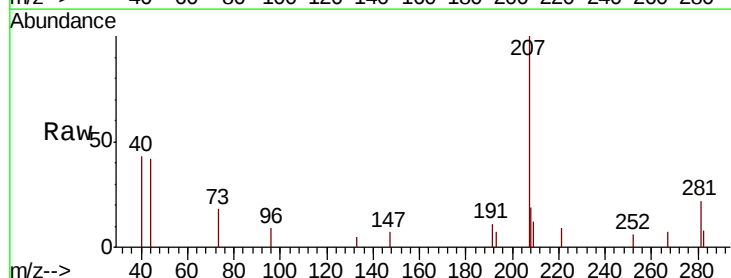
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



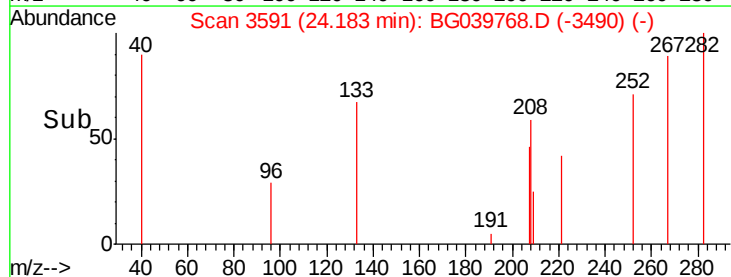
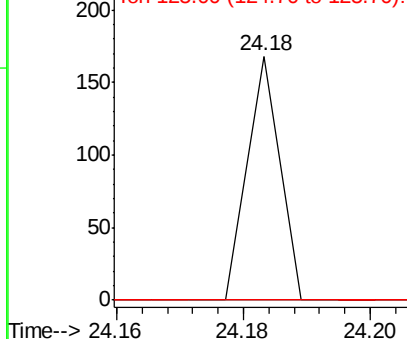
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.18 min Scan# 3591
Delta R.T. 0.06 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

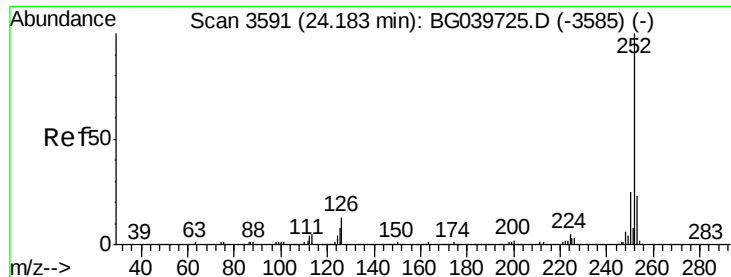
Tgt Ion: 252 Resp: 59

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	7.8	11.6#



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





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.18 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

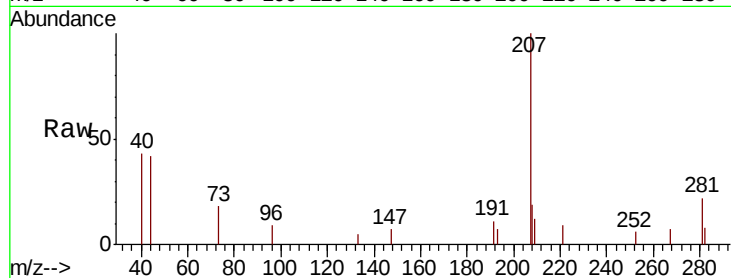
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

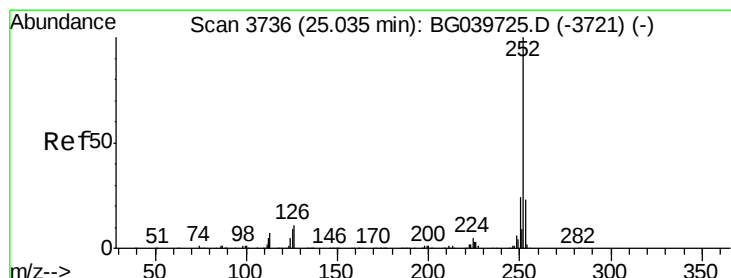
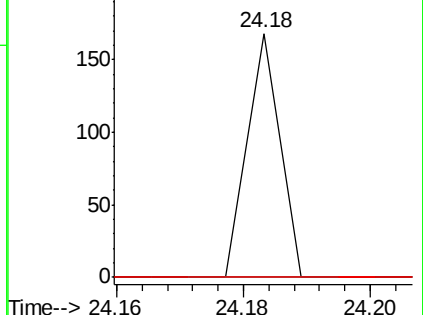
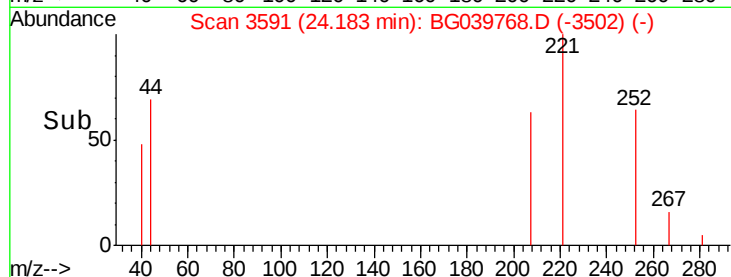
125 0.0 7.4 11.2#



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: 0.061 ng

RT: 25.19 min Scan# 3763

Delta R.T. 0.15 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

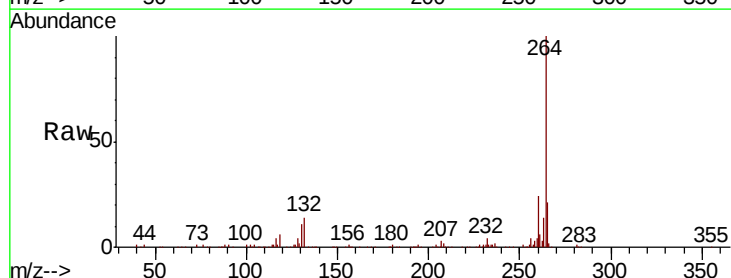
Tgt Ion:252 Resp: 1212

Ion Ratio Lower Upper

252 100

253 36.9 17.9 26.9#

125 0.0 8.3 12.5#



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

