

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039735.D
 Acq On : 4 Mar 2019 17:32
 Operator : JU/SJ
 Sample : PB117572BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

Quant Time: Mar 05 06:24:15 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	42534	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	182161	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	126854	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	335127	20.00	ng	0.00
76) Chrysene-d12	21.82	240	373736	20.00	ng	-0.01
87) Perylene-d12	25.19	264	369672	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	310886	124.69	ng	0.00
7) Phenol-d6	7.30	99	449689	120.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	256889	76.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	177482	120.04	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	670960	75.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1244119	73.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	53	0.046	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	147	0.101	ng	# 1
6) Aniline	7.69	93	436	0.090	ng	# 1
8) 2-Chlorophenol	7.69	128	65	0.021	ng	# 1
9) Benzaldehyde	7.30	77	692	0.289	ng	# 4
10) Phenol	7.69	94	791	0.196	ng	# 1
11) bis(2-Chloroethyl)ether	7.69	93	436	0.139	ng	# 1
15) Benzyl Alcohol	8.48	79	4207	1.427	ng	# 51
19) n-Nitroso-di-n-propylamine	9.33	70	32830	12.269	ng	# 70
22) Acetophenone	8.49	105	56	0.011	ng	# 40
24) Nitrobenzene	9.33	77	869	0.246	ng	# 41
46) 1,1'-Biphenyl	13.62	154	914	0.088	ng	# 92
48) 2-Nitroaniline	13.40	65	1000	0.396	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	15853	7.050	ng	# 22
52) Acenaphthene	14.79	154	491	0.063	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	15853	5.017	ng	# 17
58) Fluorene	16.26	166	7086	0.708	ng	# 78
63) Azobenzene	16.26	77	732	0.077	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.26	198	715	0.361	ng	# 2
66) n-Nitrosodiphenylamine	16.26	169	6971	0.719	ng	# 48
67) 4-Bromophenyl-phenylether	16.27	248	13173	3.512	ng	# 1
77) Benzidine	20.12	184	20761	1.751	ng	# 96
78) Pyrene	20.12	202	4937	0.203	ng	# 78
80) Butylbenzylphthalate	20.72	149	76	0.008	ng	# 22
81) Benzo(a)anthracene	21.81	228	1396	0.060	ng	# 50
82) 3,3'-Dichlorobenzidine	21.83	252	61	0.007	ng	# 1
83) Chrysene	21.81	228	1396	0.061	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	79	0.006	ng	# 52
85) Di-n-octyl phthalate	23.04	149	61	0.003	ng	# 1
88) Benzo(b)fluoranthene	24.00	252	59	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.00	252	59	0.003	ng	# 59
90) Benzo(a)pyrene	25.19	252	1490	0.073	ng	# 81

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

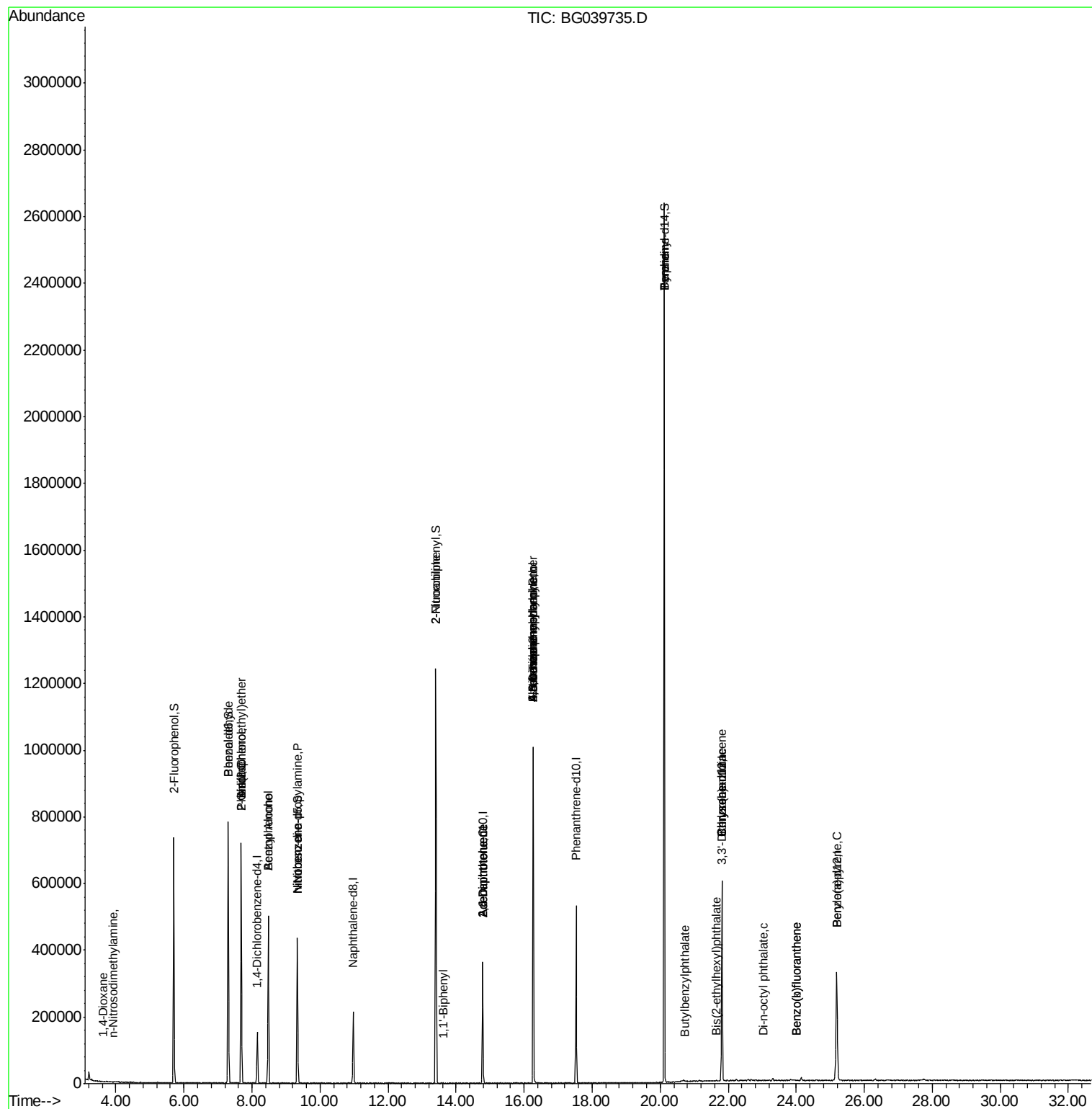
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

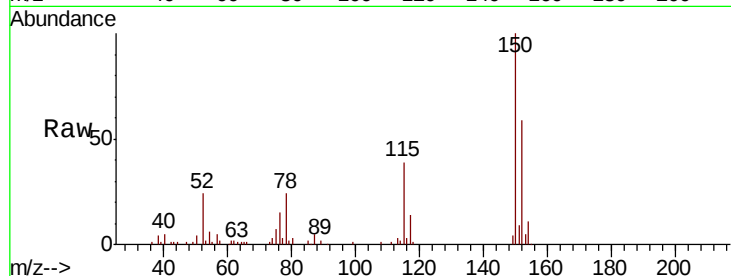
Tgt Ion:152 Resp: 42534

Ion Ratio Lower Upper

152 100

150 168.6 123.7 185.5

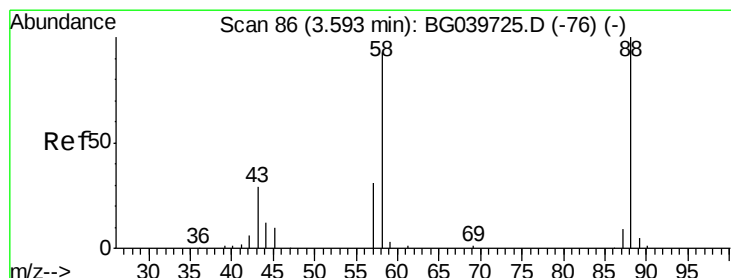
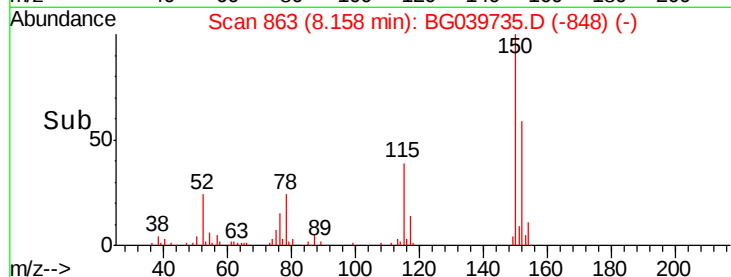
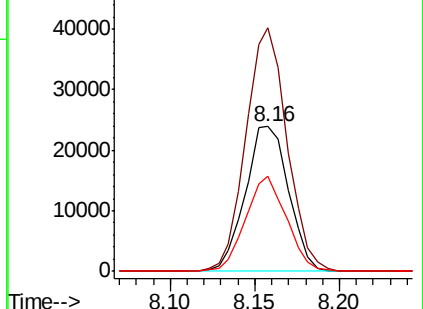
115 66.1 45.9 68.9



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: 0.046 ng

RT: 3.62 min Scan# 91

Delta R.T. 0.02 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

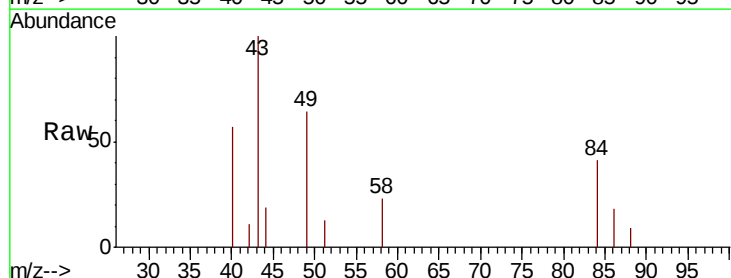
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 777.4 81.1 121.7#

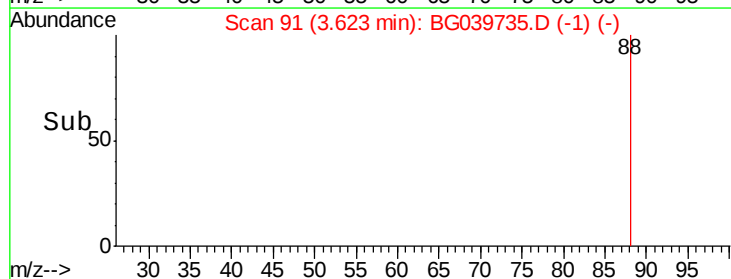
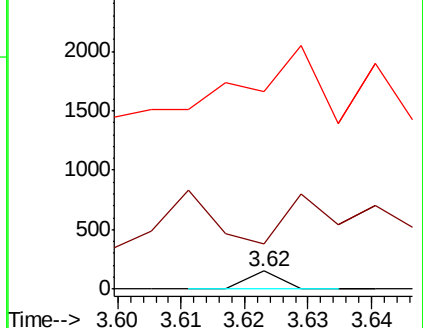
43 1094.3 31.4 47.0#

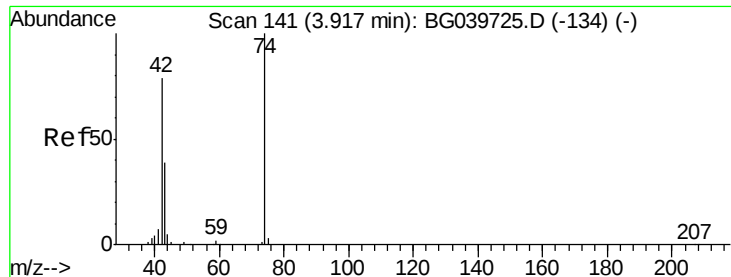


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.101 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

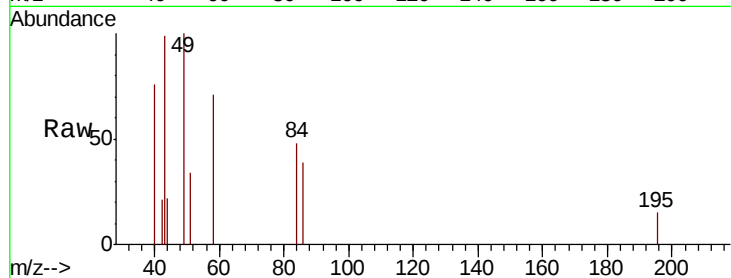
Tgt Ion: 42 Resp: 147

Ion Ratio Lower Upper

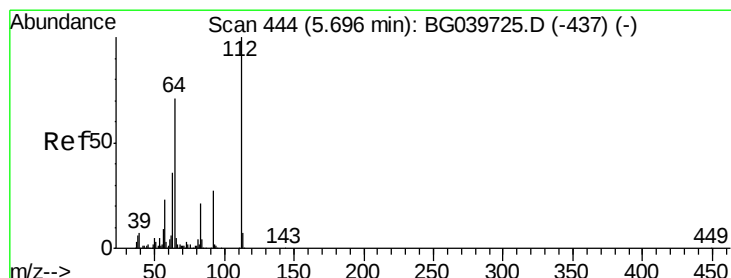
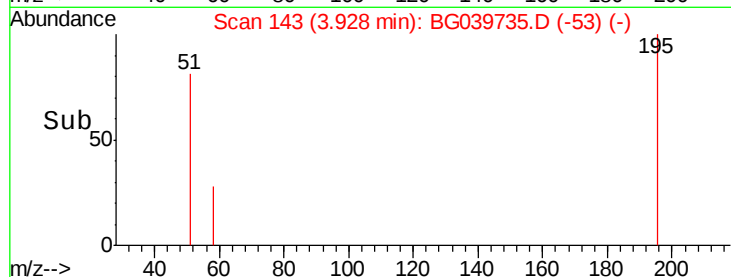
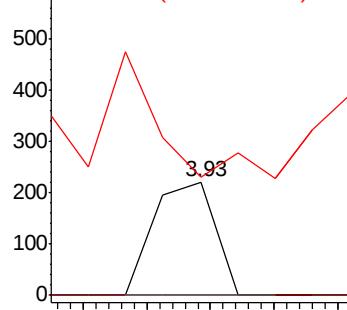
42 100

74 0.0 83.6 125.4#

44 104.1 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: 124.694 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

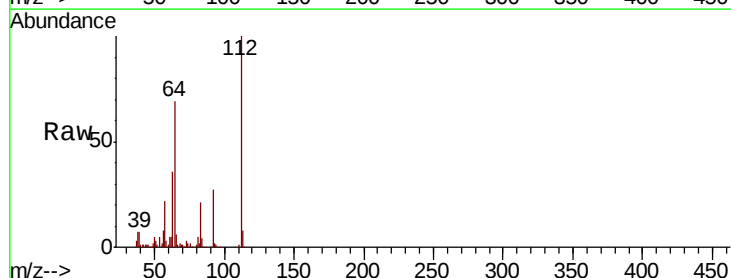
Tgt Ion: 112 Resp: 310886

Ion Ratio Lower Upper

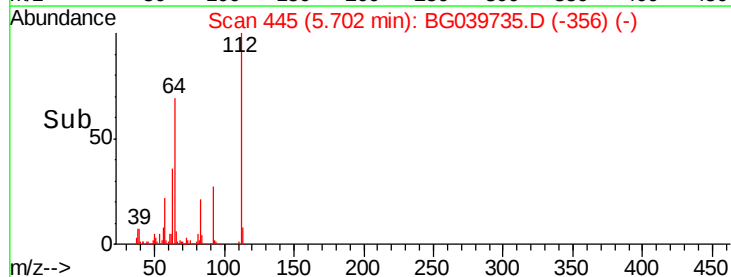
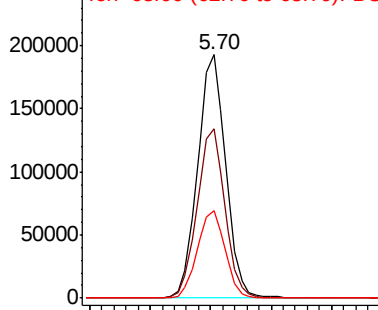
112 100

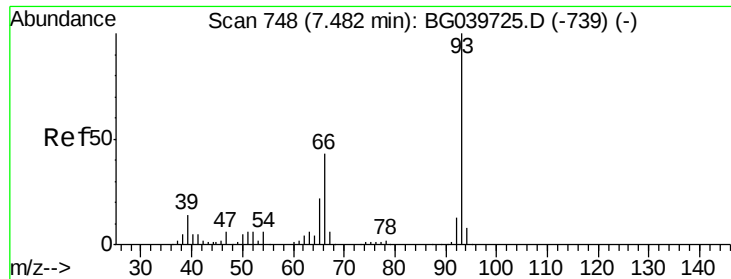
64 69.5 57.8 86.8

63 36.1 29.8 44.6



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





#6

Aniline

Concen: 0.090 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.19 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

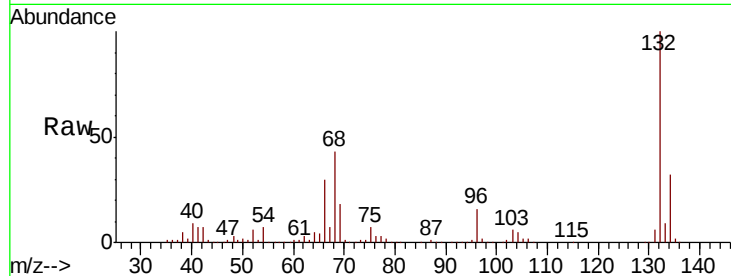
Tgt Ion: 93 Resp: 436

Ion Ratio Lower Upper

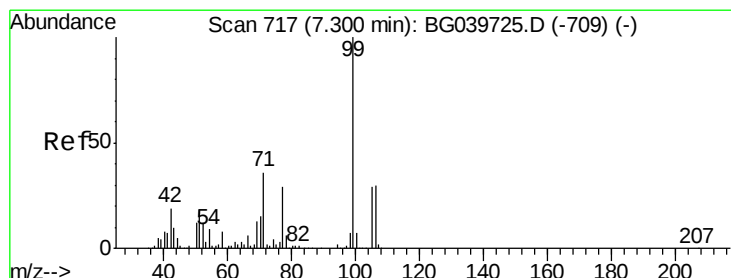
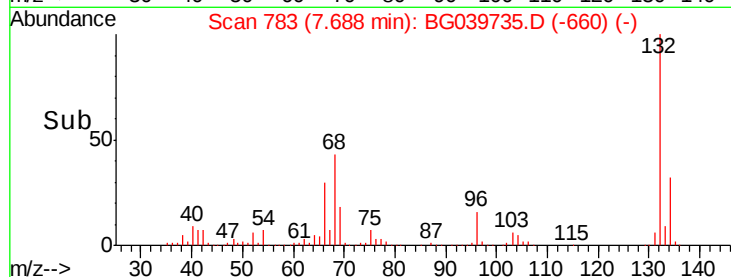
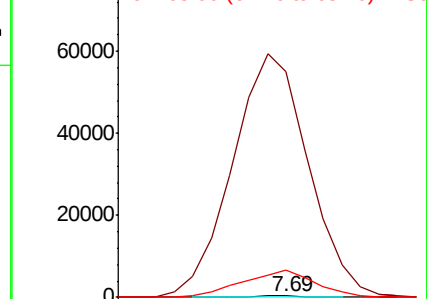
93 100

66 14557.0 34.2 51.4#

65 1756.5 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: 120.966 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

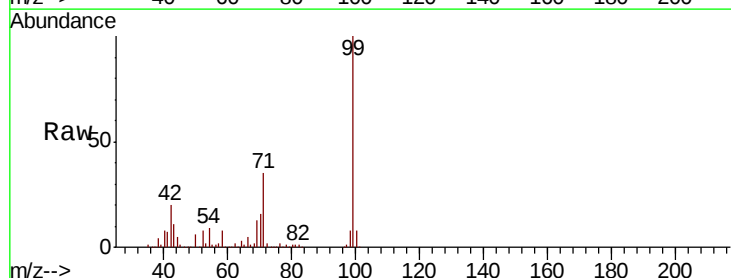
Tgt Ion: 99 Resp: 449689

Ion Ratio Lower Upper

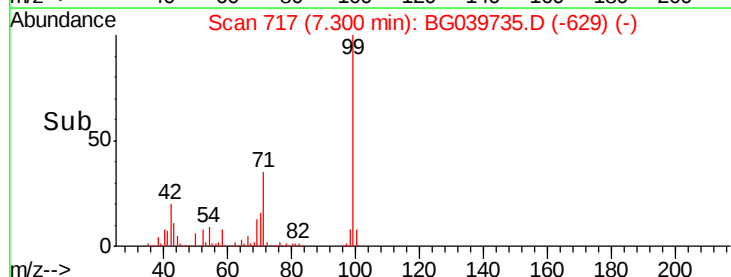
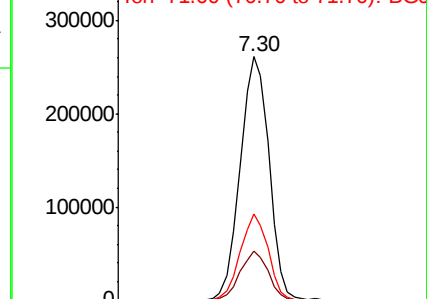
99 100

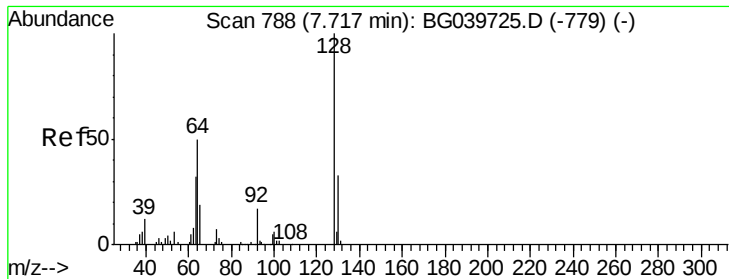
42 20.4 18.2 27.2

71 35.4 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: 0.021 ng

RT: 7.69 min Scan# 784

Delta R.T. -0.03 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

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ClientSampleId :

PB117572BL

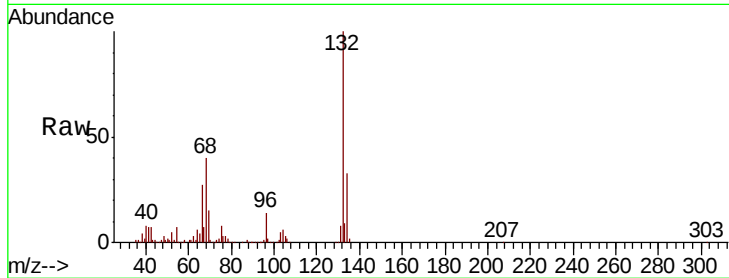
Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

128 100

130 182.6 12.9 52.9#

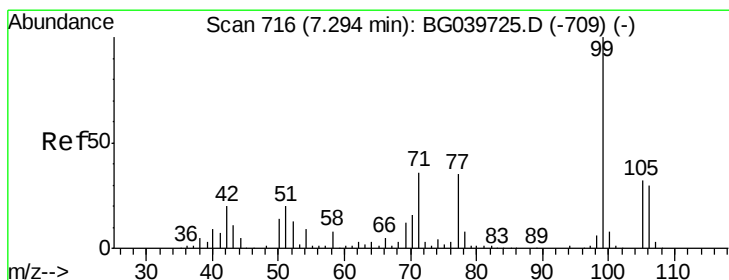
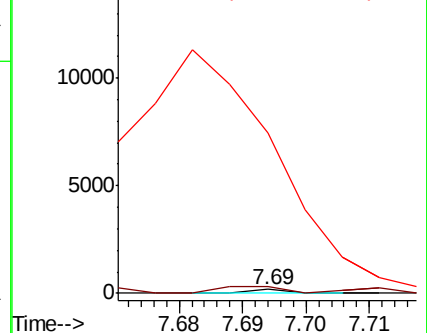
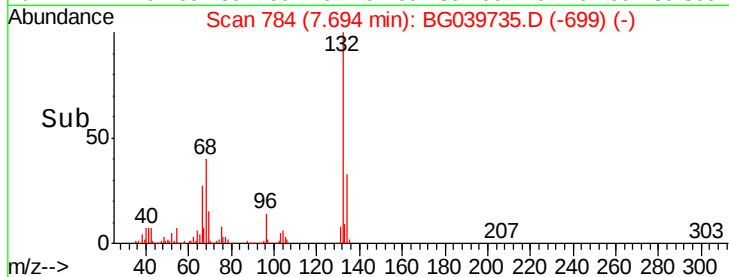
64 4038.0 38.7 78.7#



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: 0.289 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

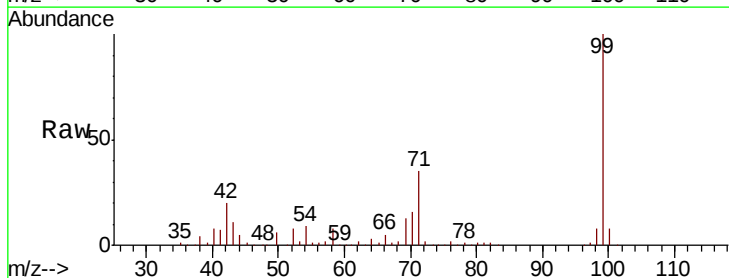
Tgt Ion: 77 Resp: 692

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

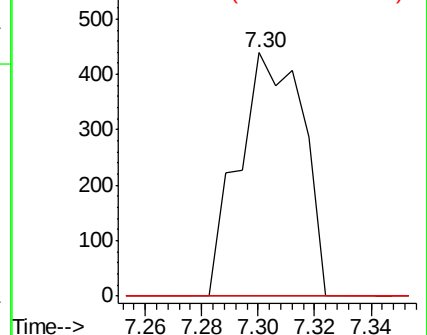
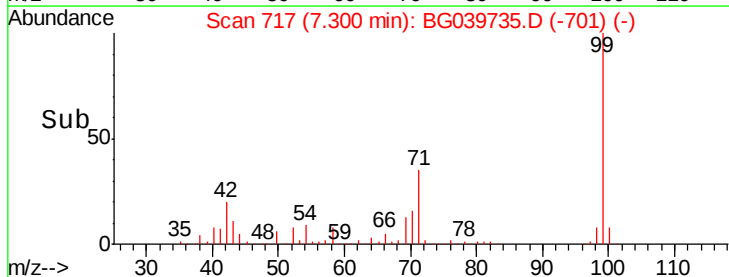
106 0.0 68.0 108.0#

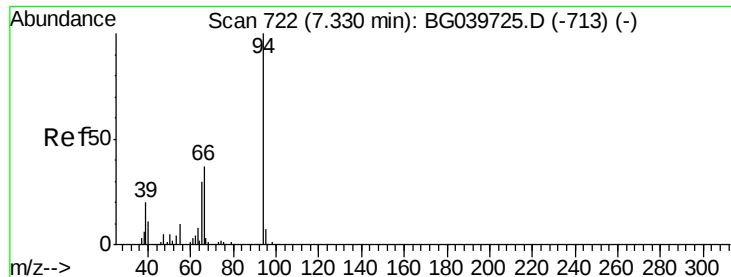


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.196 ng

RT: 7.69 min Scan# 784

Delta R.T. 0.36 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

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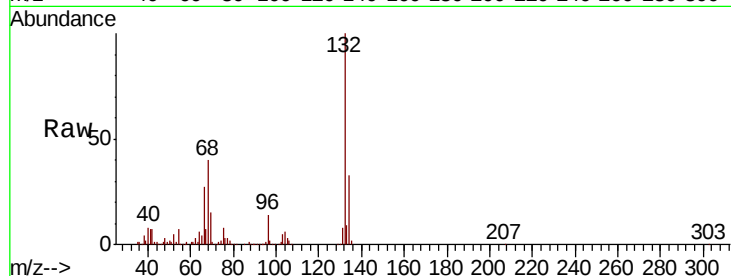
Tgt Ion: 94 Resp: 791

Ion Ratio Lower Upper

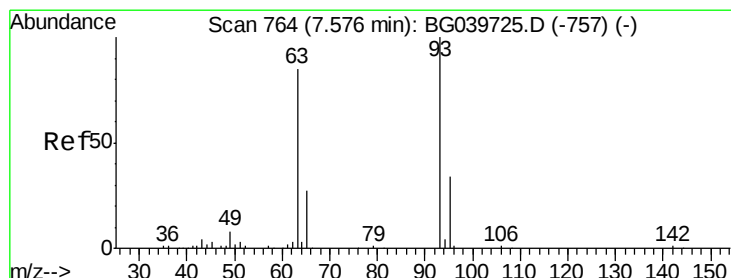
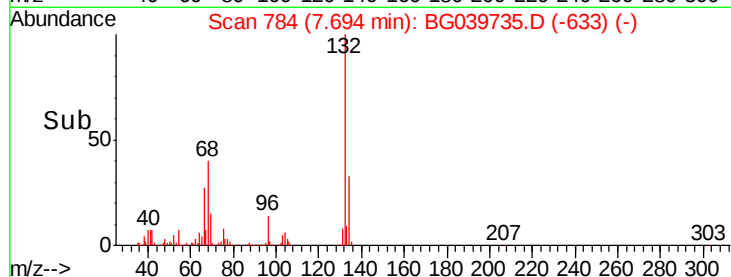
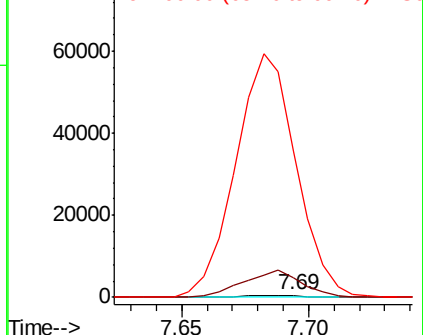
94 100

65 861.9 11.7 51.7#

66 6417.3 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: 0.139 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.11 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

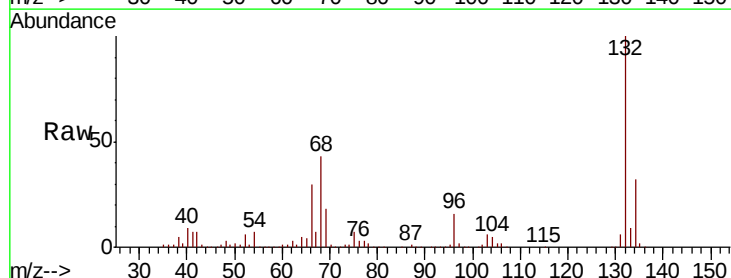
Tgt Ion: 93 Resp: 436

Ion Ratio Lower Upper

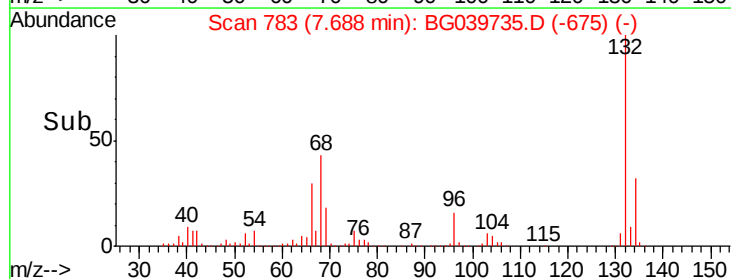
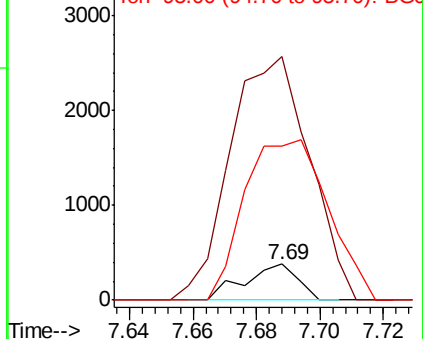
93 100

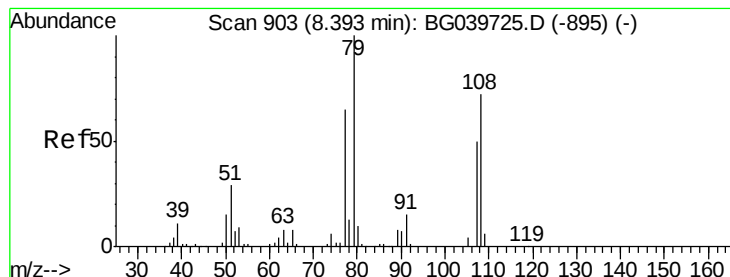
63 681.2 69.5 109.5#

95 429.7 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: 1.427 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.08 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

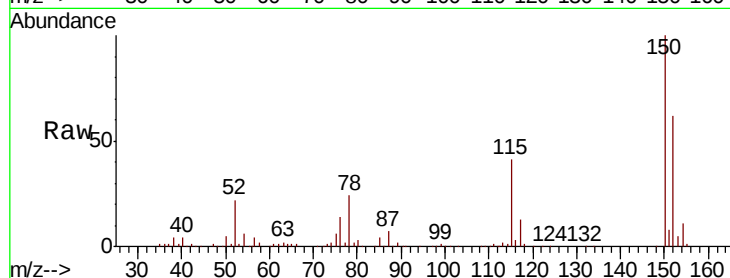
Tgt Ion: 79 Resp: 4207

Ion Ratio Lower Upper

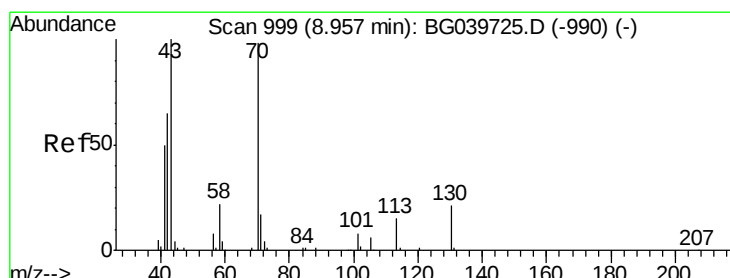
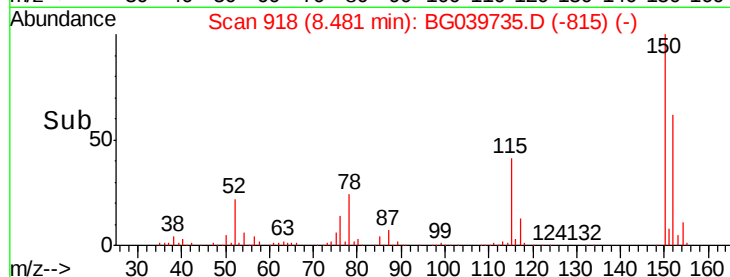
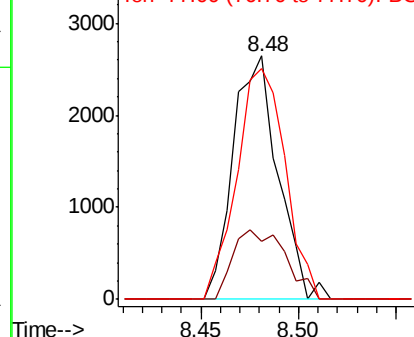
79 100

108 23.6 57.8 86.6#

77 94.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.269 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Tgt Ion: 70 Resp: 32830

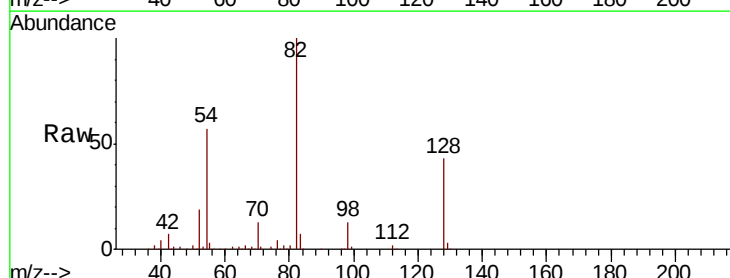
Ion Ratio Lower Upper

70 100

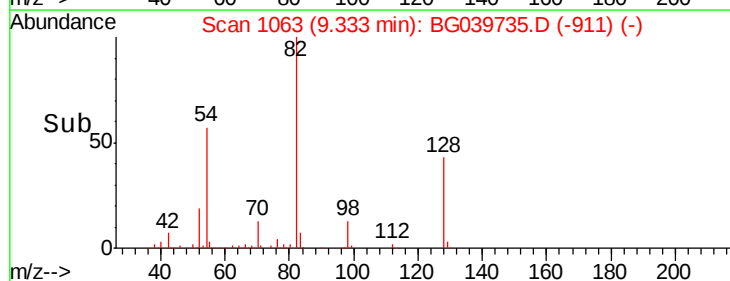
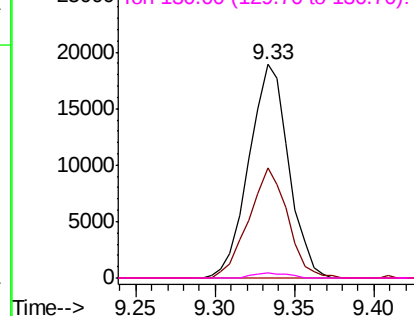
42 51.4 60.4 90.6#

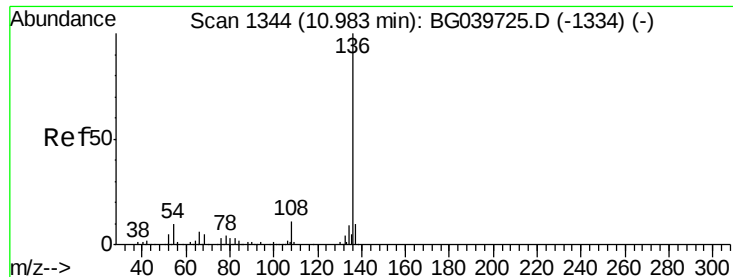
101 0.0 7.5 11.3#

130 2.5 16.9 25.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

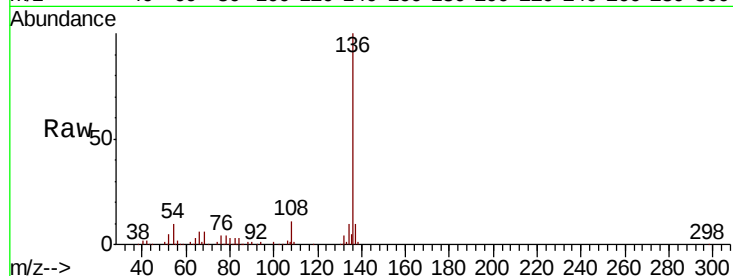




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB117572BL

Tgt Ion:	136	Resp:	182161
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	10.3	9.4	14.2
68	5.7	4.2	6.4



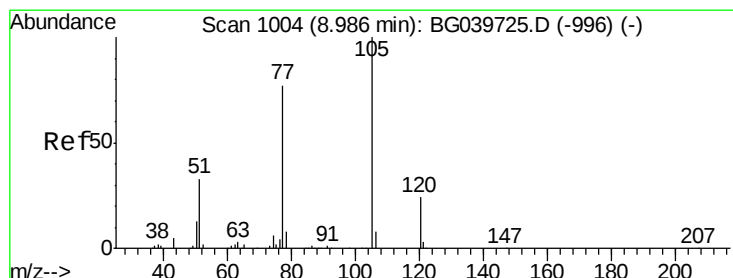
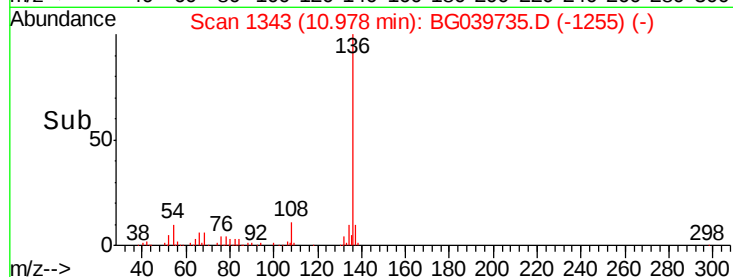
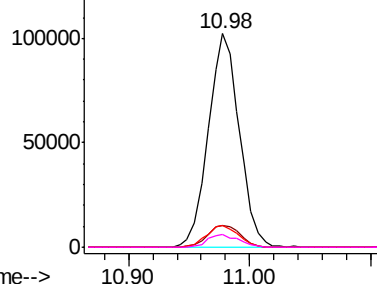
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

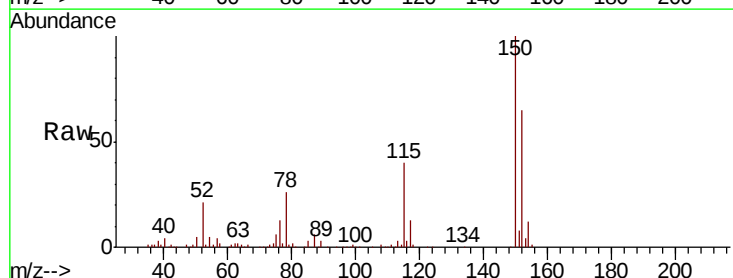
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 0.011 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.51 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion:	105	Resp:	56
Ion	Ratio	Lower	Upper
105	100		
71	115.2	0.8	1.2#
51	0.0	30.2	45.2#
120	0.0	18.0	27.0#



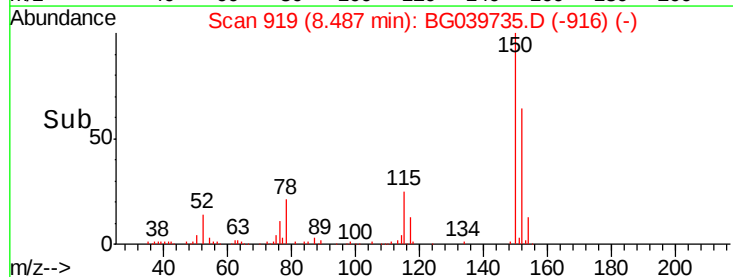
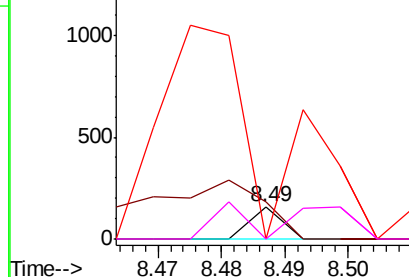
Abundance

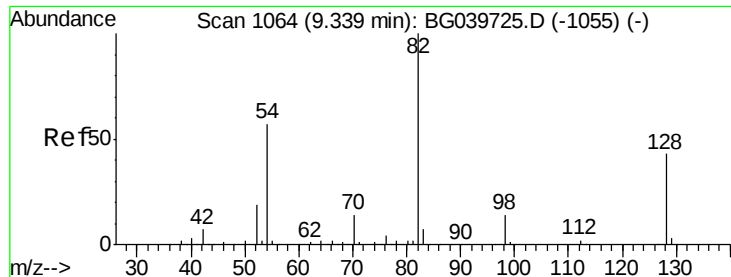
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

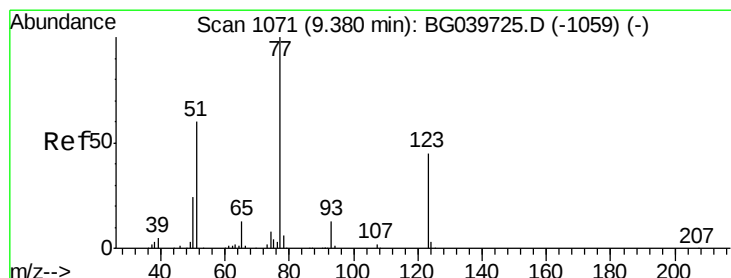
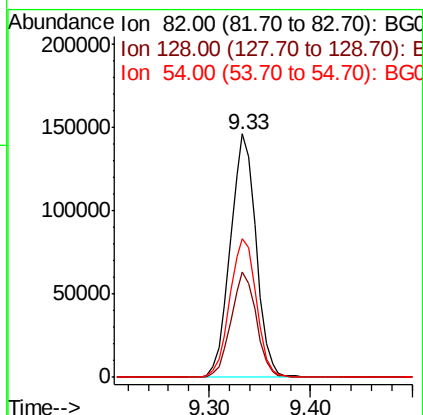
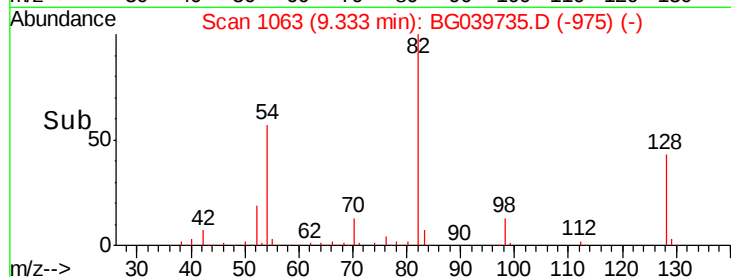
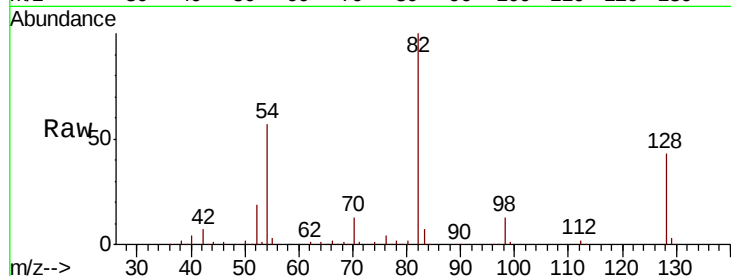




#23
 Nitrobenzene-d5
 Concen: 76.271 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

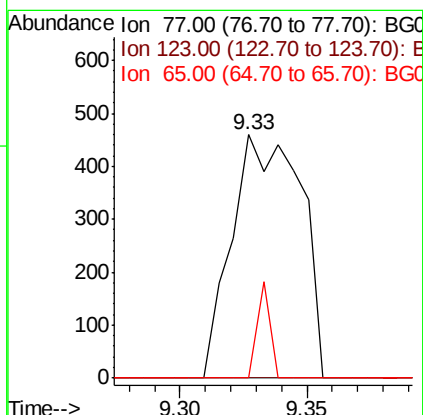
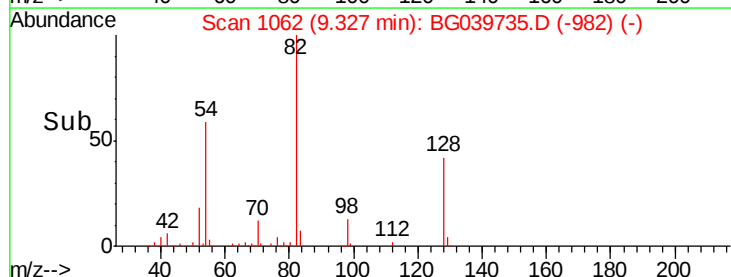
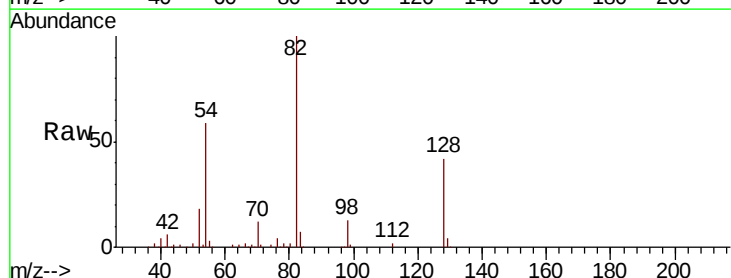
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

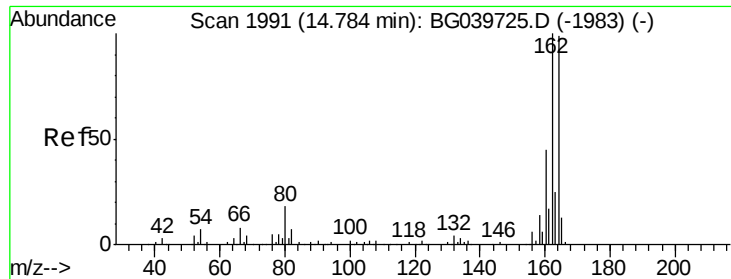
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	56.8	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.246 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

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

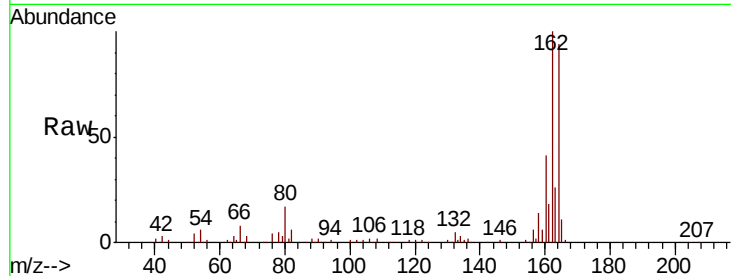




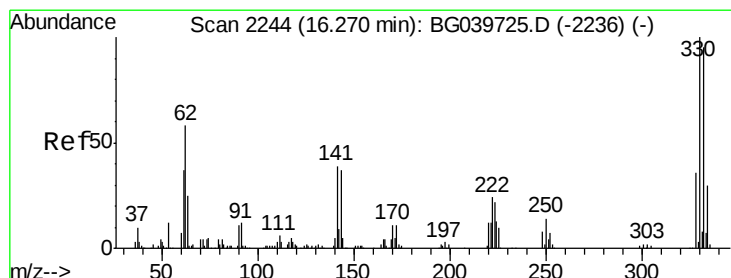
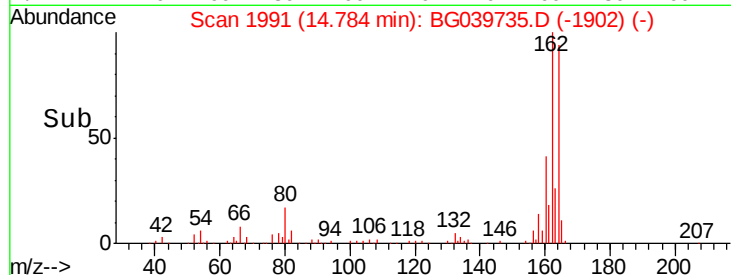
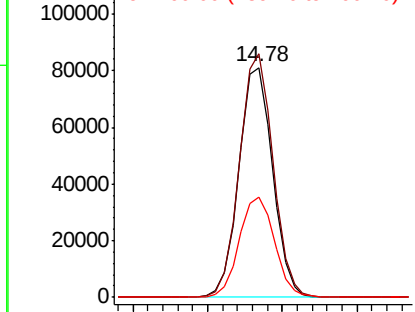
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB117572BL

Tgt Ion:164 Resp: 126854
Ion Ratio Lower Upper
164 100
162 105.9 81.6 122.4
160 43.8 34.2 51.2

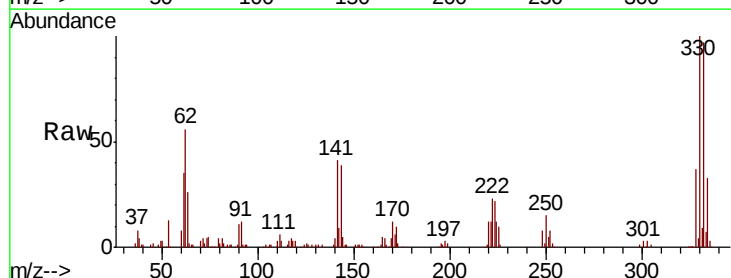


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

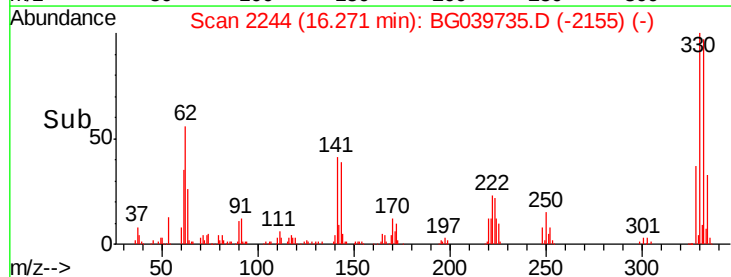
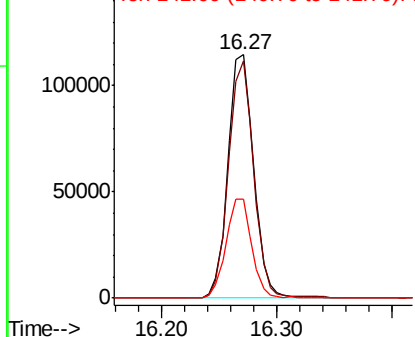


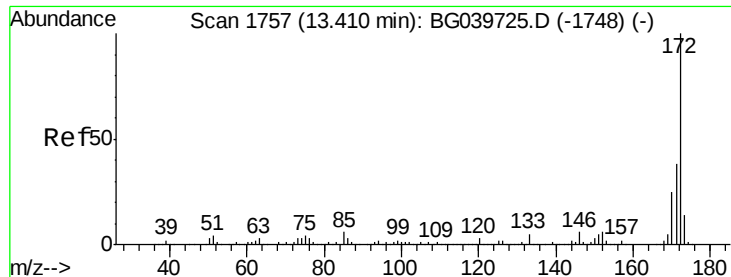
#42
2,4,6-Tribromophenol
Concen: 120.036 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion:330 Resp: 177482
Ion Ratio Lower Upper
330 100
332 95.3 75.7 113.5
141 40.7 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

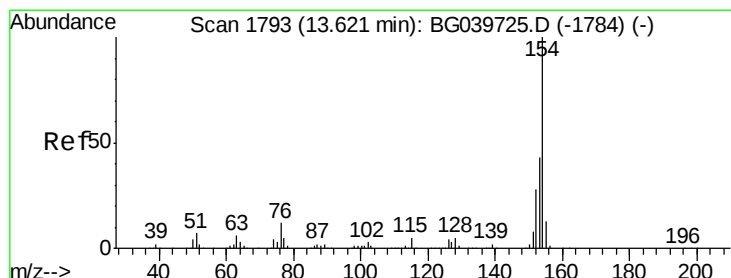
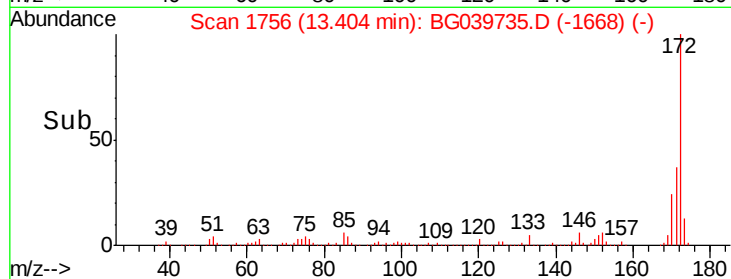
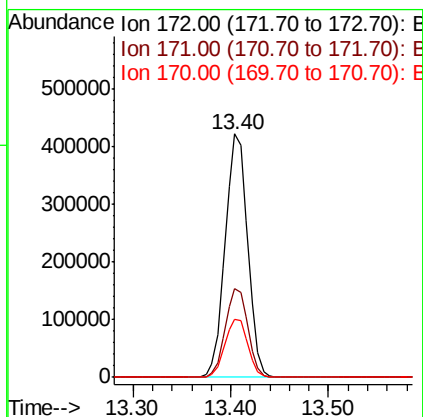
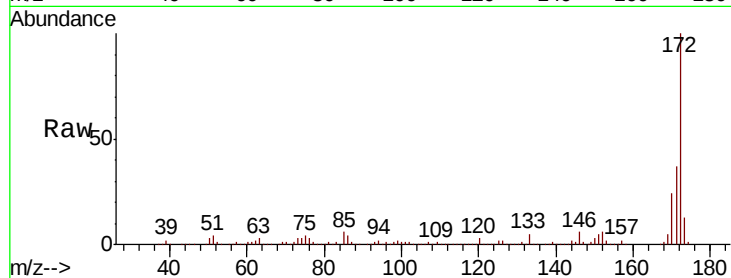




#45
2-Fluorobiphenyl
Concen: 75.310 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

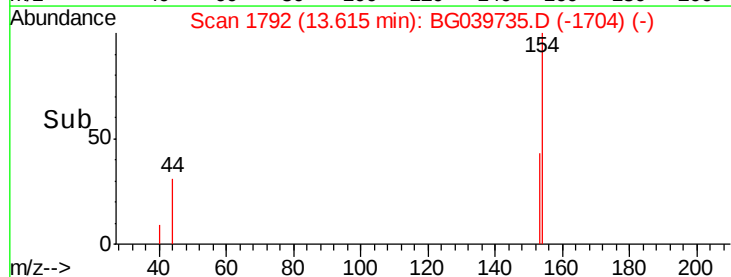
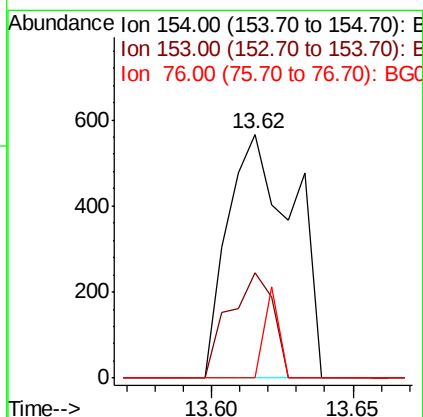
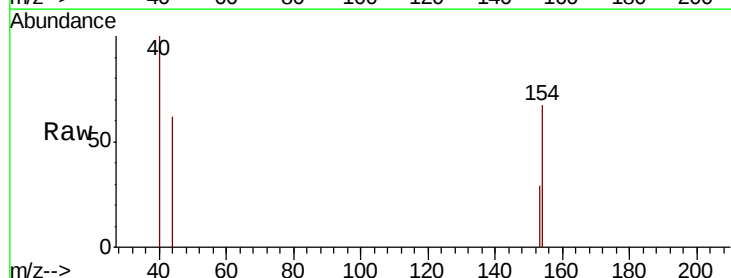
Instrument :
BNA_G
ClientSampleId :
PB117572BL

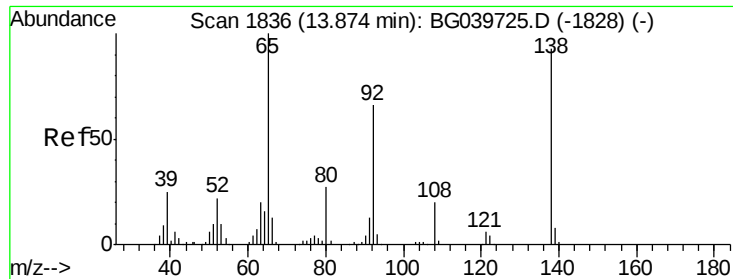
Tgt Ion:172 Resp: 670960
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 24.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 0.088 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion:154 Resp: 914
Ion Ratio Lower Upper
154 100
153 43.1 22.1 62.1
76 0.0 0.0 32.4

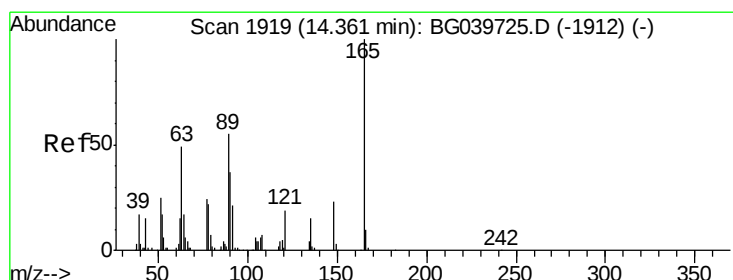
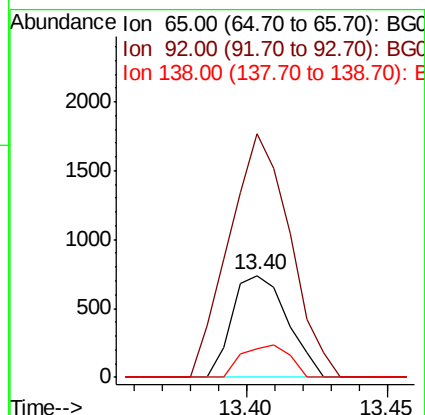
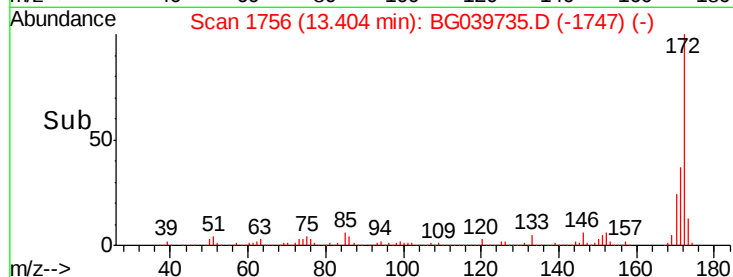
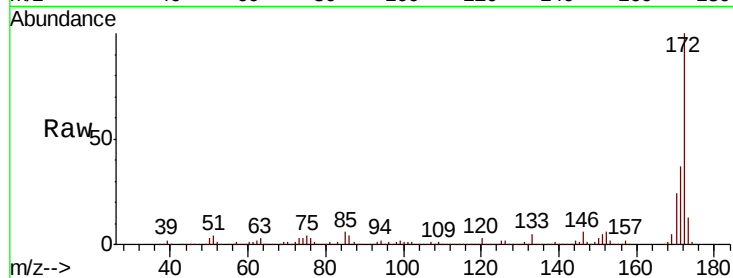




#48
 2-Nitroaniline
 Concen: 0.396 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.48 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

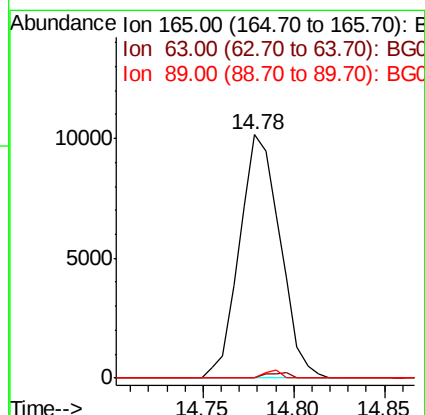
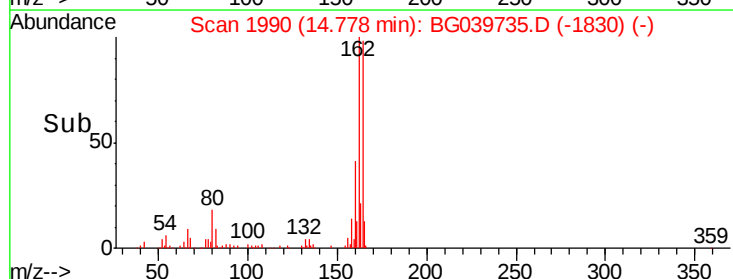
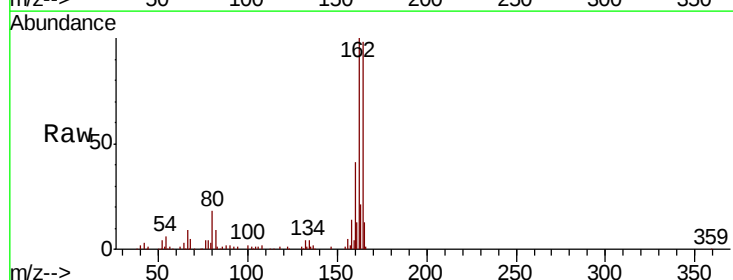
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

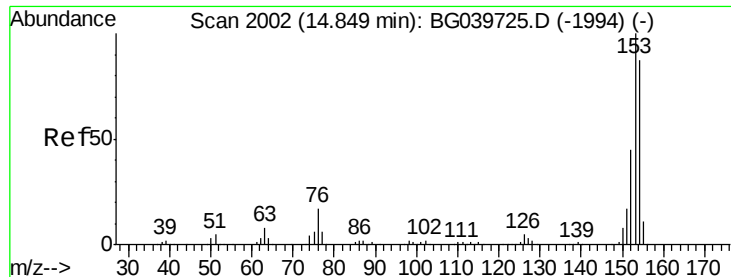
Tgt Ion: 65 Resp: 1000
 Ion Ratio Lower Upper
 65 100
 92 239.8 51.4 77.2#
 138 28.1 71.4 107.2#



#51
 2,6-Dinitrotoluene
 Concen: 7.050 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

Tgt Ion: 165 Resp: 15853
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#





#52

Acenaphthene

Concen: 0.063 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.07 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

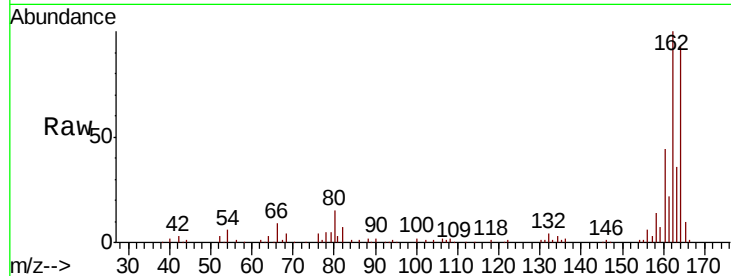
Tgt Ion:154 Resp: 491

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

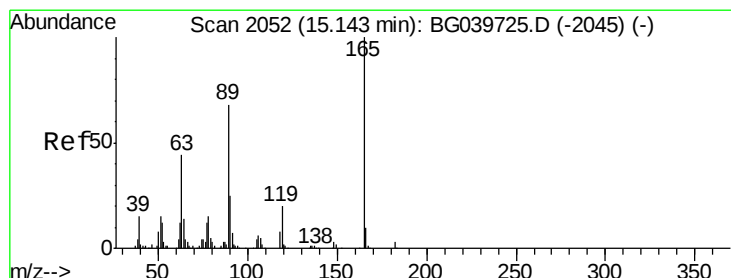
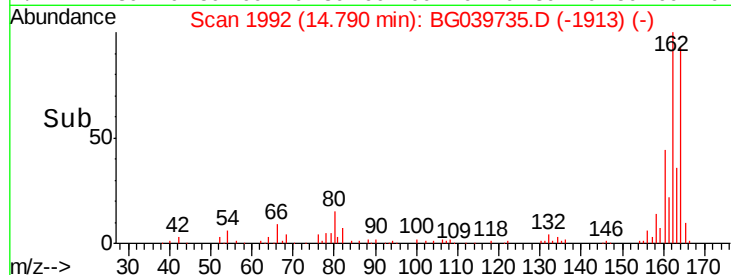
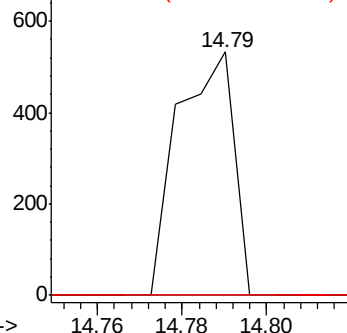
152 0.0 40.9 61.3#



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: 5.017 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Tgt Ion:165 Resp: 15853

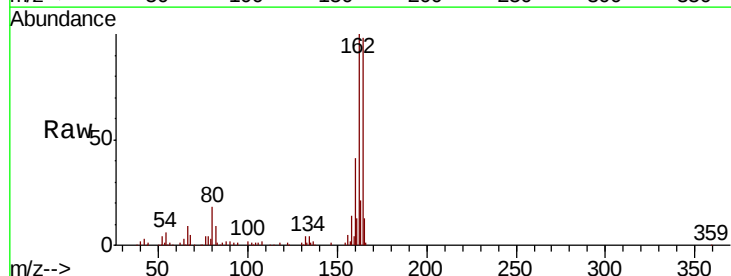
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

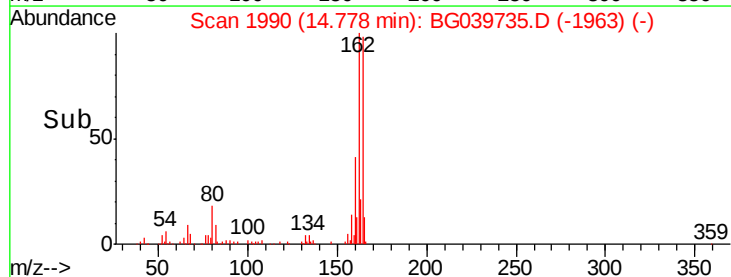
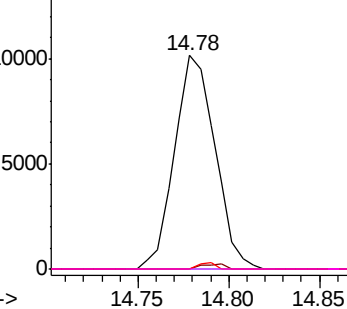


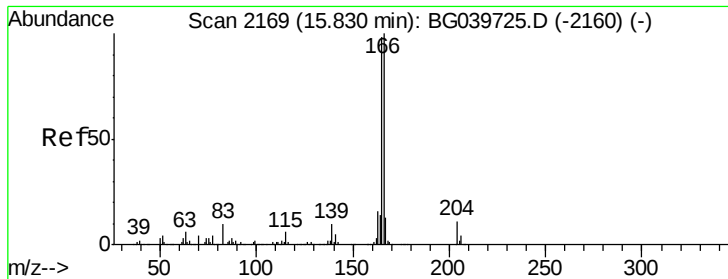
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.708 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

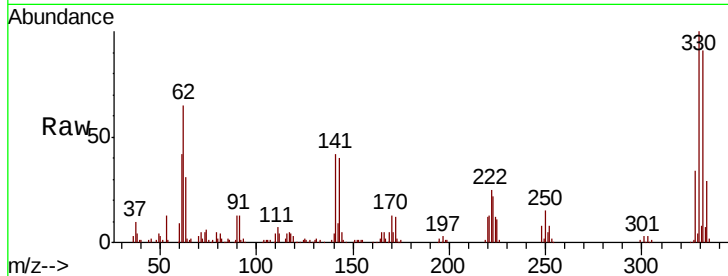
Tgt Ion: 166 Resp: 7086

Ion Ratio Lower Upper

166 100

165 114.6 77.9 116.9

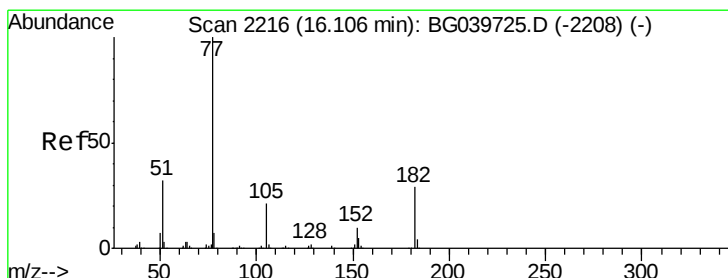
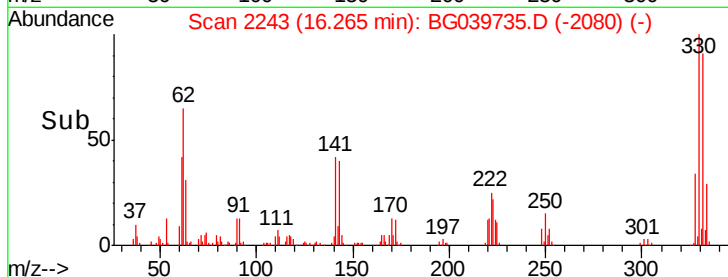
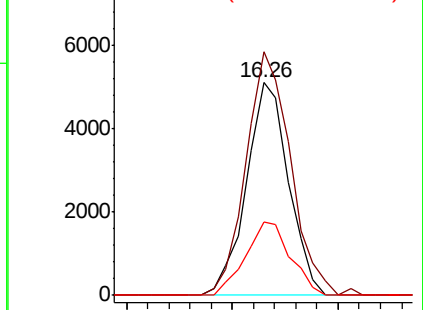
167 34.8 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.077 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.15 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Tgt Ion: 77 Resp: 732

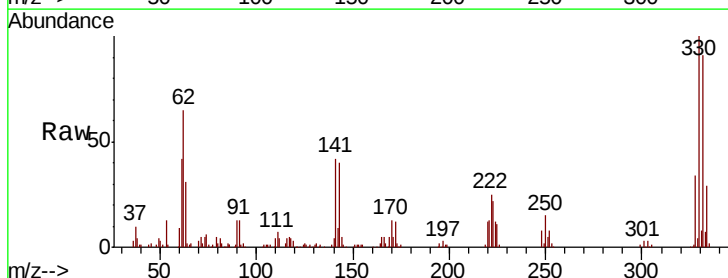
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 134.1 0.0 39.8#

51 107.5 14.1 54.1#

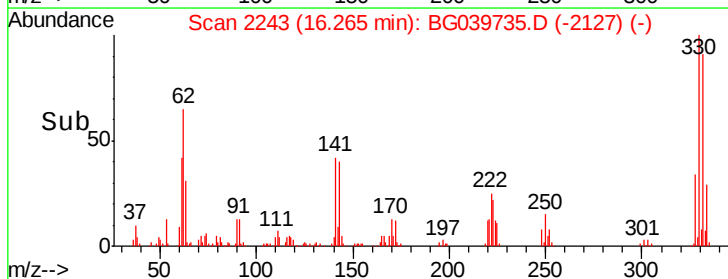
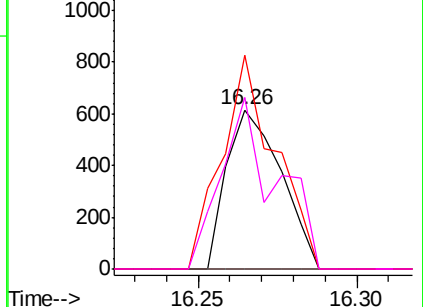


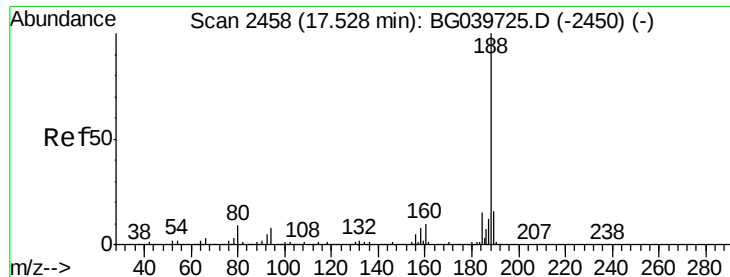
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

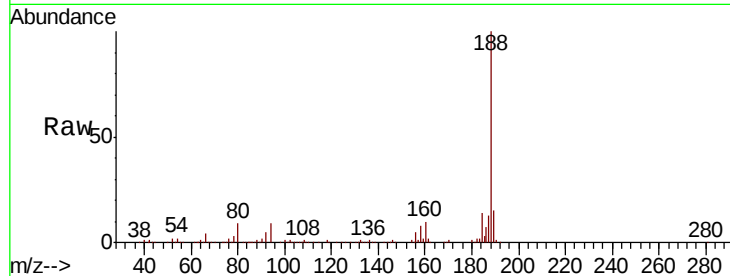
Tgt Ion:188 Resp: 335127

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

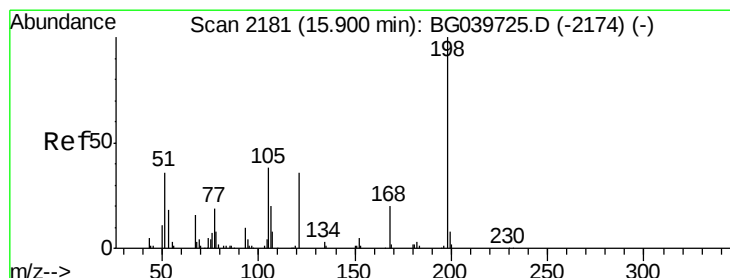
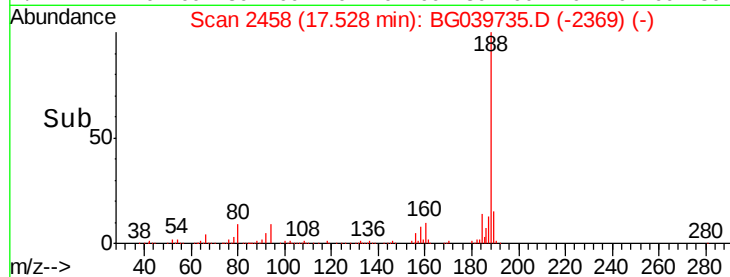
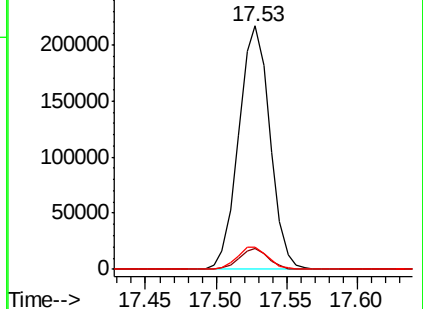
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.361 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

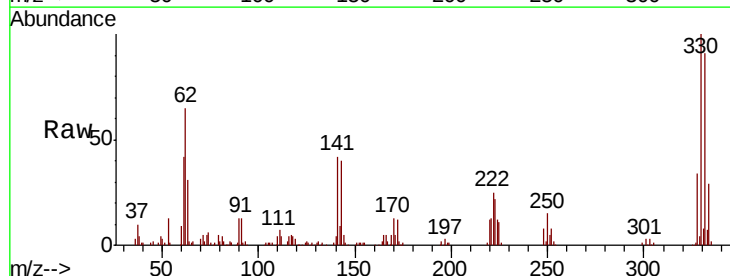
Tgt Ion:198 Resp: 715

Ion Ratio Lower Upper

198 100

51 95.5 27.4 67.4#

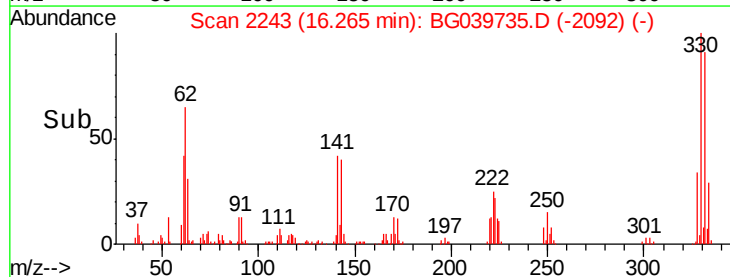
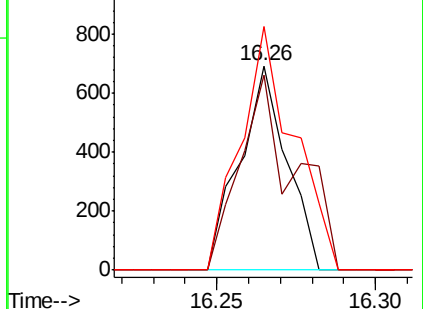
105 119.2 19.7 59.7#

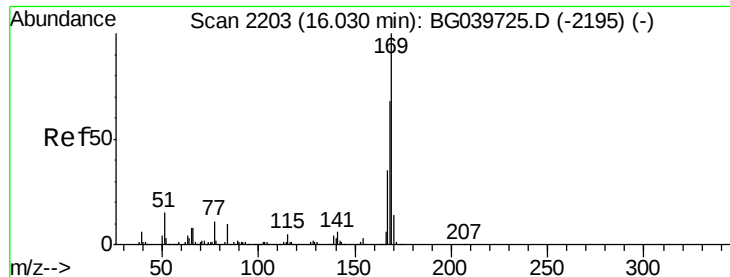


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

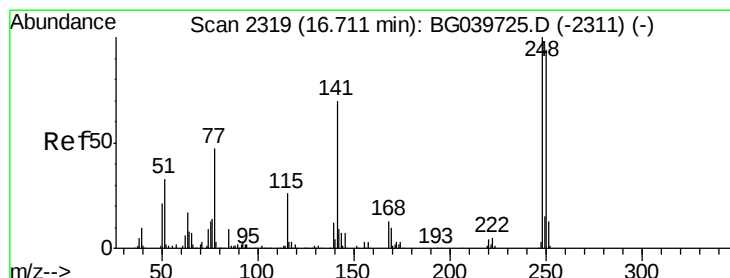
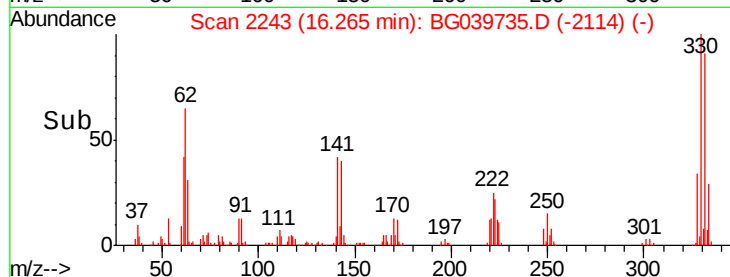
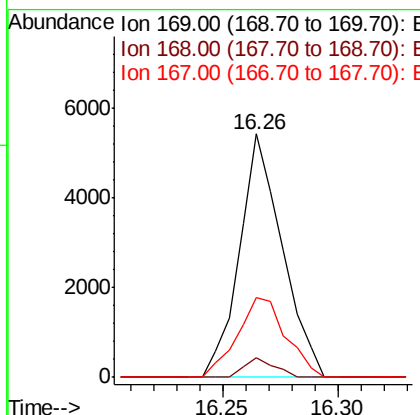
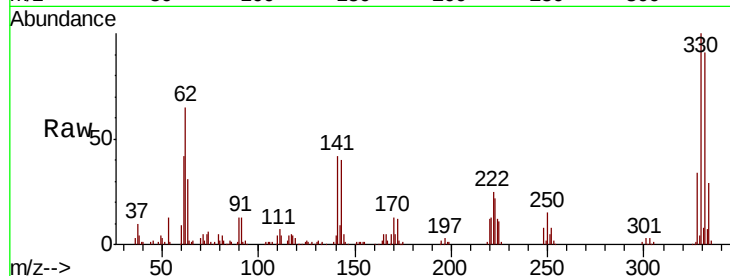




#66
 n-Nitrosodiphenylamine
 Concen: 0.719 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

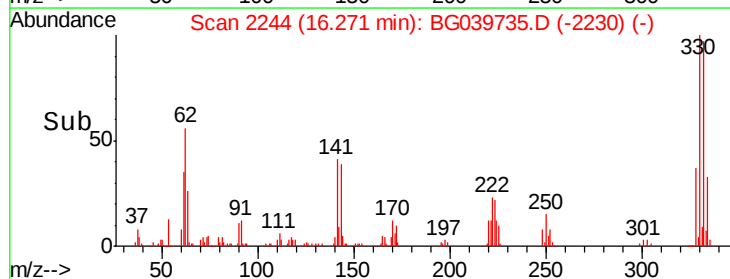
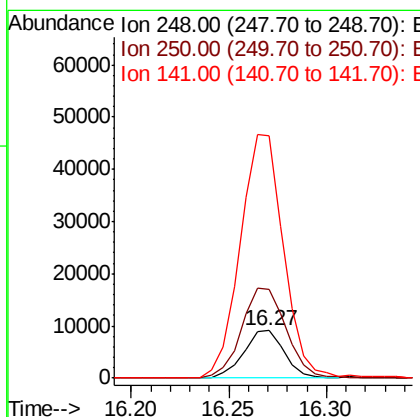
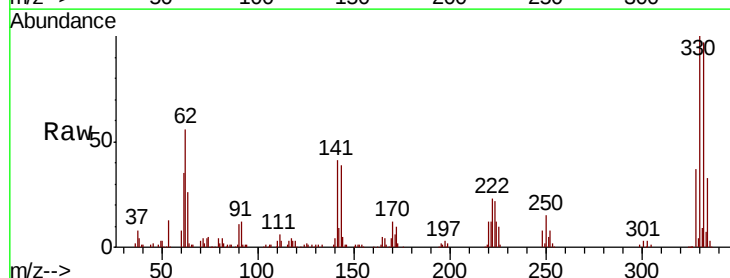
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

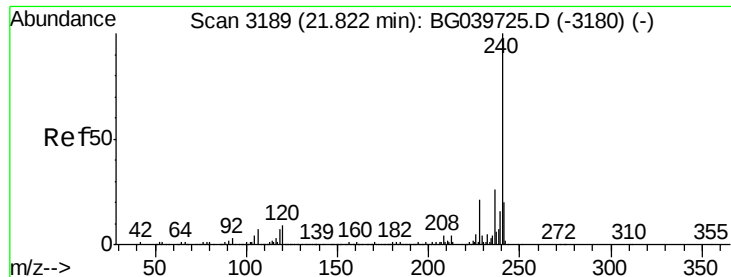
Tgt Ion:169 Resp: 6971
 Ion Ratio Lower Upper
 169 100
 168 7.9 56.6 85.0#
 167 32.7 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.512 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

Tgt Ion:248 Resp: 13173
 Ion Ratio Lower Upper
 248 100
 250 187.6 77.6 116.4#
 141 510.1 63.9 95.9#

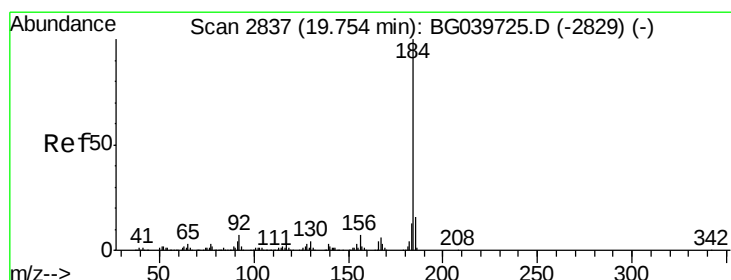
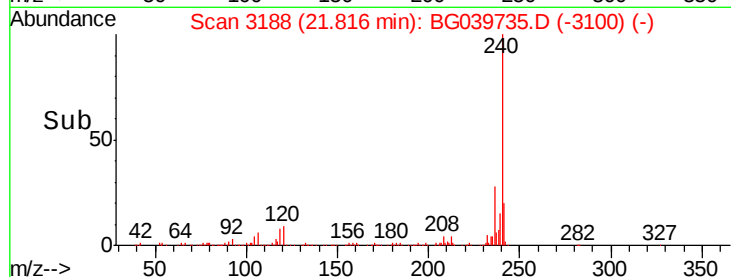
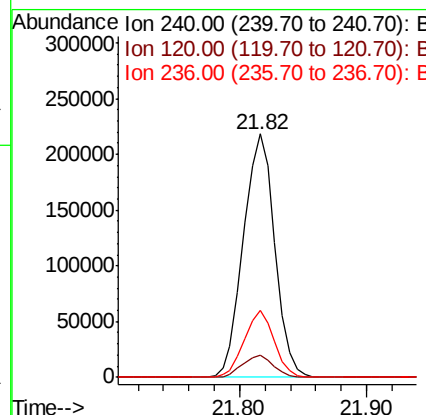
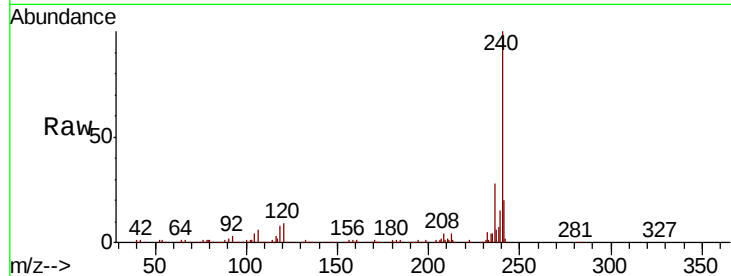




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

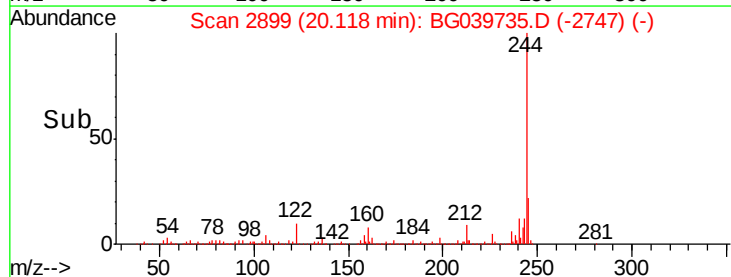
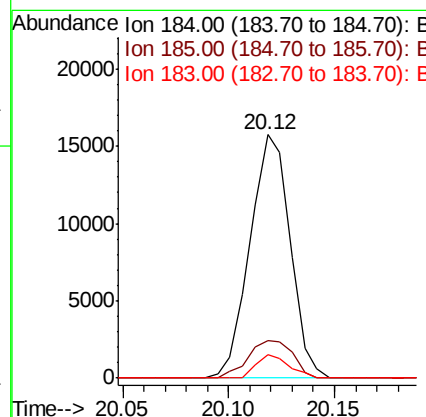
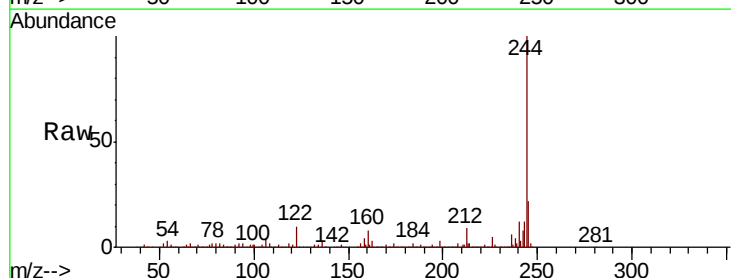
Instrument :
BNA_G
ClientSampleId :
PB117572BL

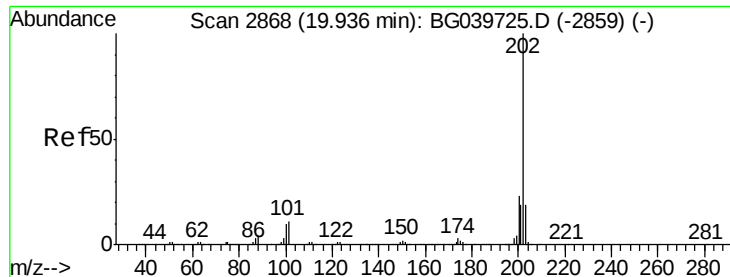
Tgt Ion:240 Resp: 373736
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 27.7 21.0 31.4



#77
Benzidine
Concen: 1.751 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion:184 Resp: 20761
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 9.7 10.6 15.8#





#78

Pyrene

Concen: 0.203 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampled :

PB117572BL

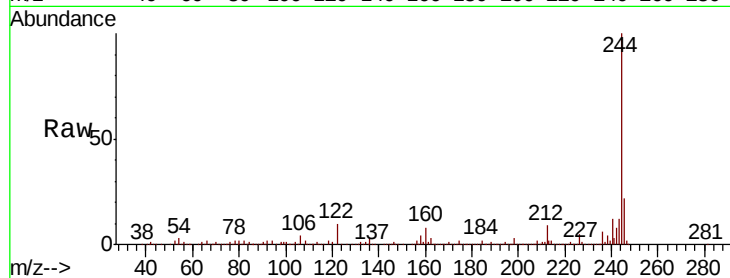
Tgt Ion:202 Resp: 4937

Ion Ratio Lower Upper

202 100

200 41.0 17.8 26.8#

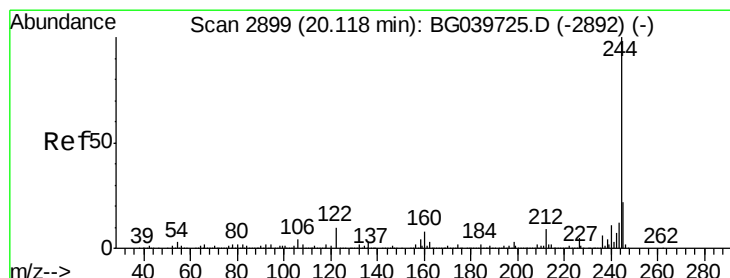
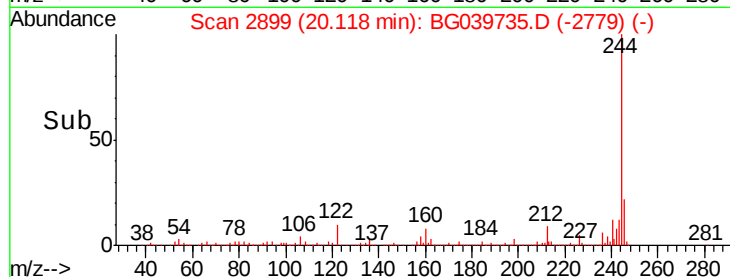
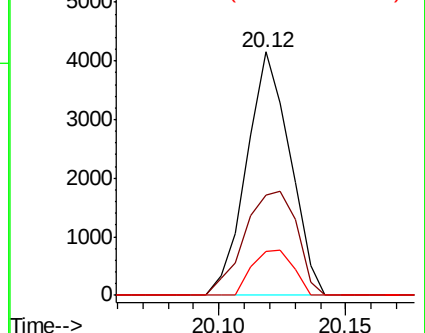
203 17.9 15.3 22.9



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: 73.295 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

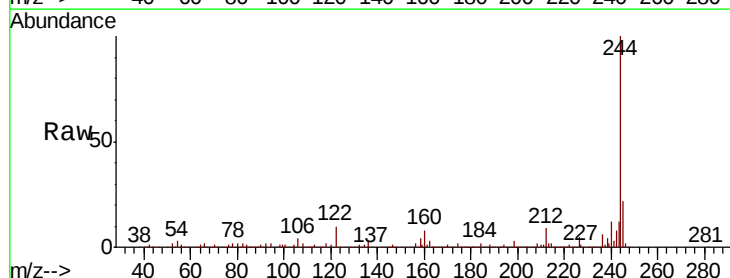
Tgt Ion:244 Resp: 1244119

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

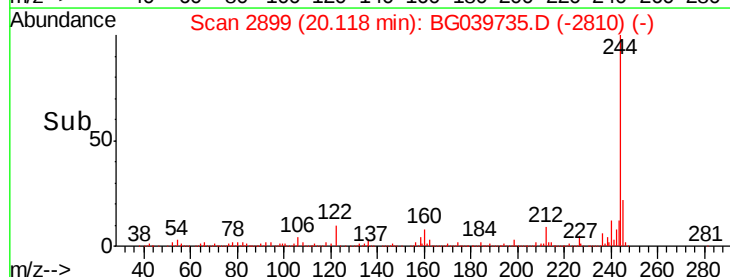
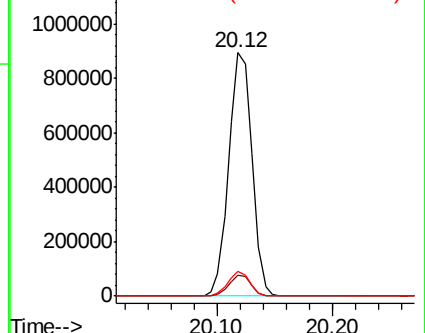
122 9.9 8.4 12.6

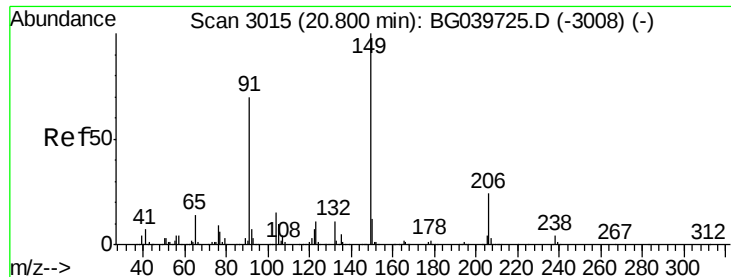


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

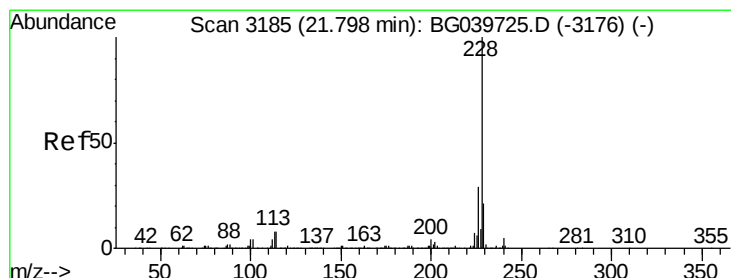
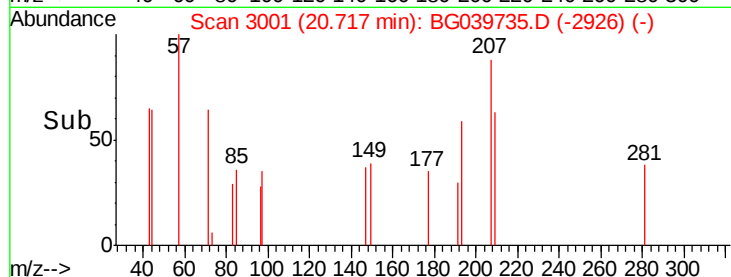
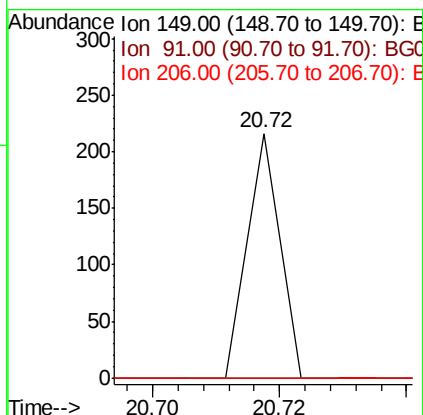
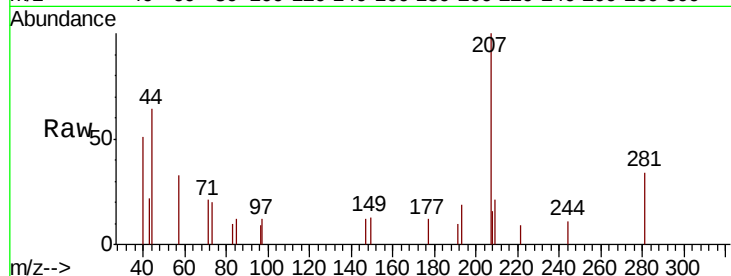




#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.72 min Scan# 3001
Delta R.T. -0.09 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

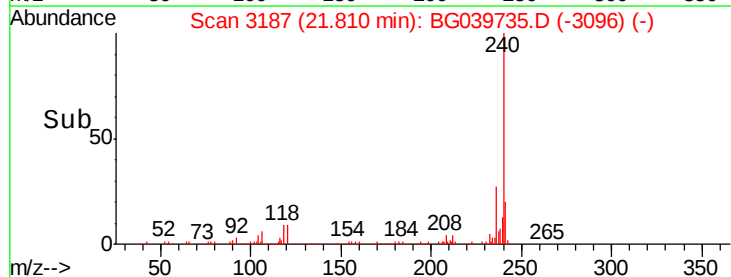
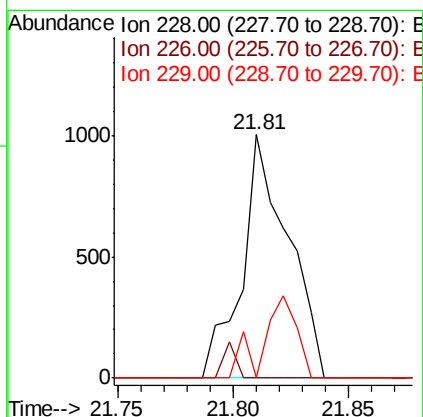
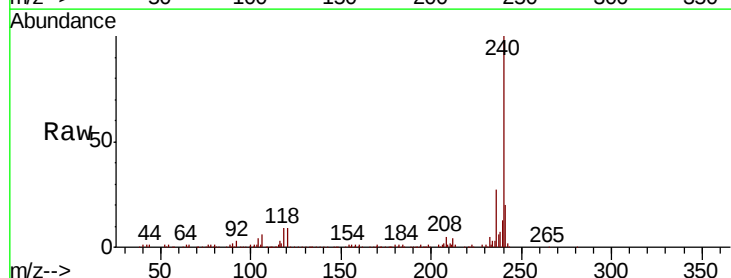
Instrument :
BNA_G
ClientSampleId :
PB117572BL

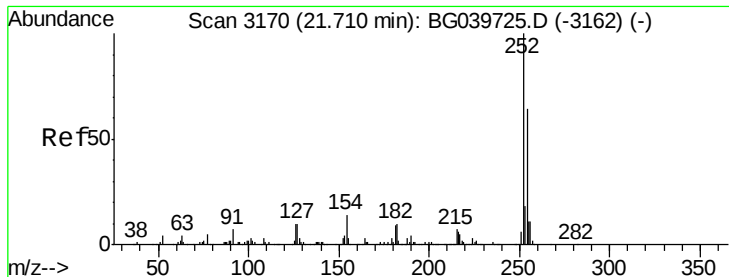
Tgt Ion:149 Resp: 76
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#



#81
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion:228 Resp: 1396
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 0.0 16.9 25.3#

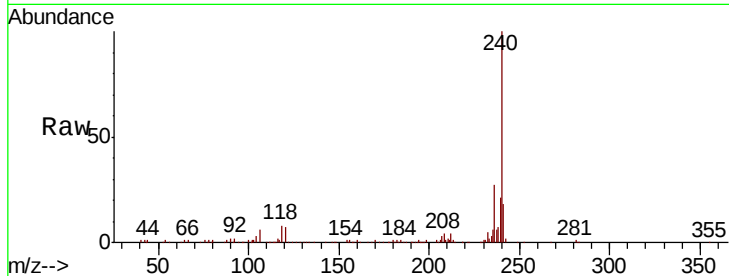




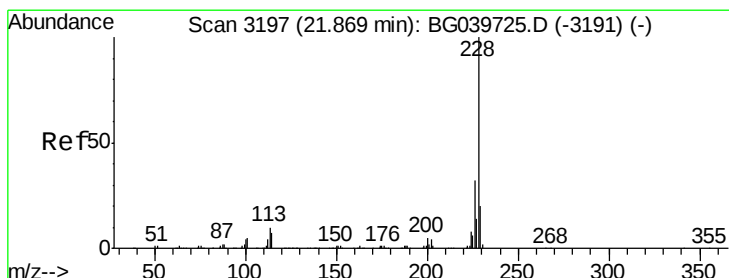
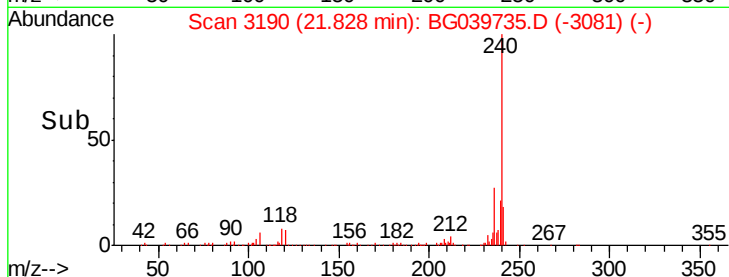
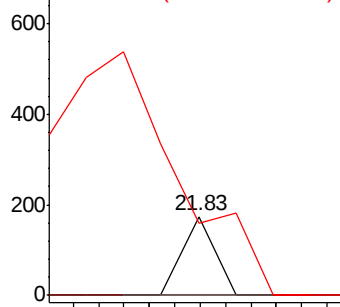
#82
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. 0.11 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

Tgt Ion:252 Resp: 61
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.3 76.9#
 126 92.0 8.0 12.0#

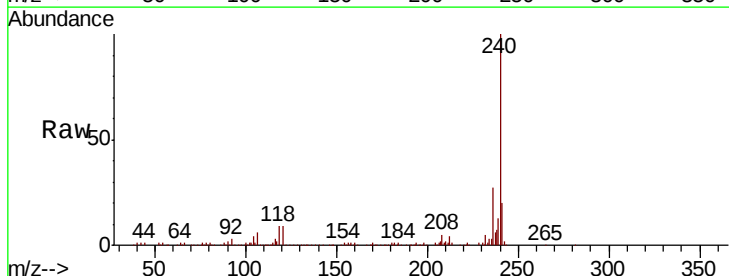


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

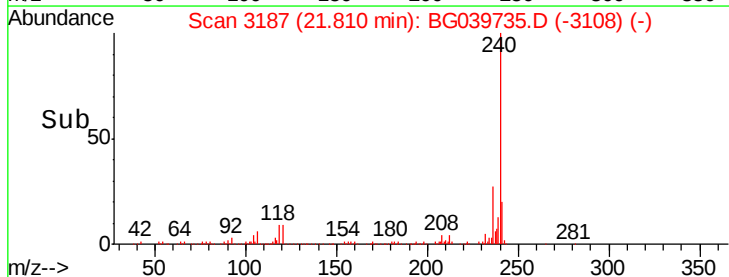
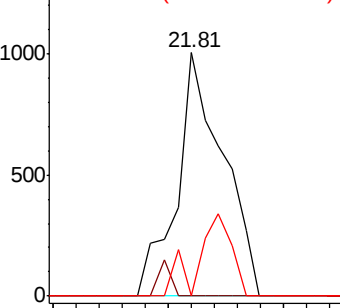


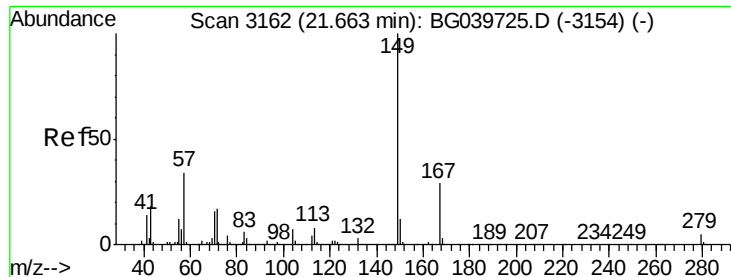
#83
 Chrysene
 Concen: 0.061 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.07 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

Tgt Ion:228 Resp: 1396
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.8 38.6#
 229 0.0 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: 0.006 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

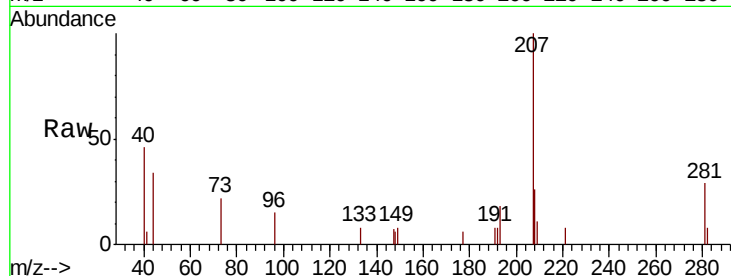
Tgt Ion:149 Resp: 79

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

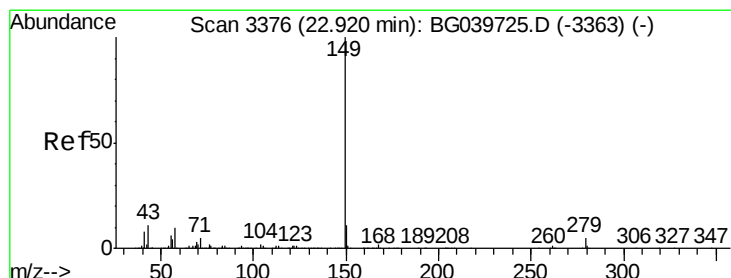
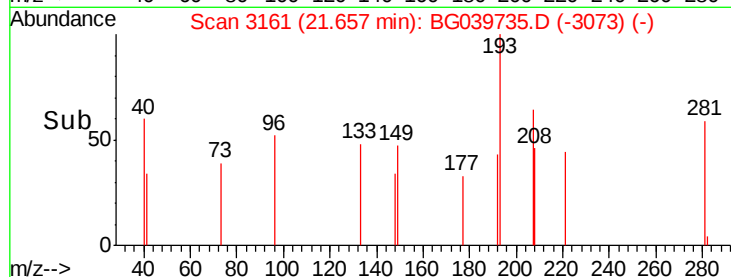
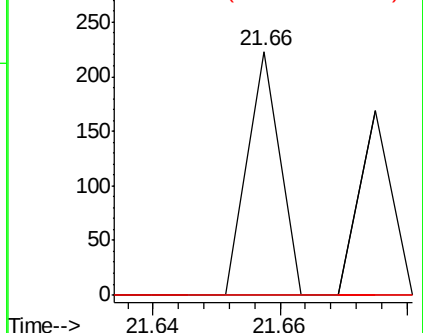
279 0.0 3.5 5.3#



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: 23.04 min Scan# 3397

Delta R.T. 0.12 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

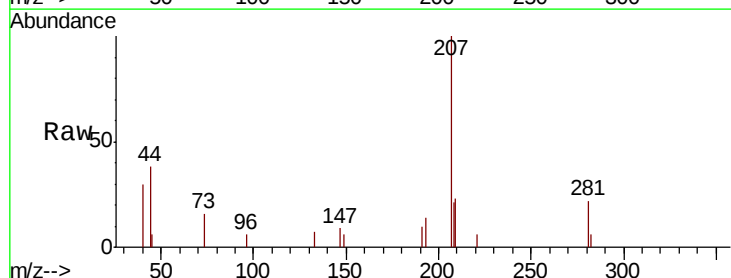
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

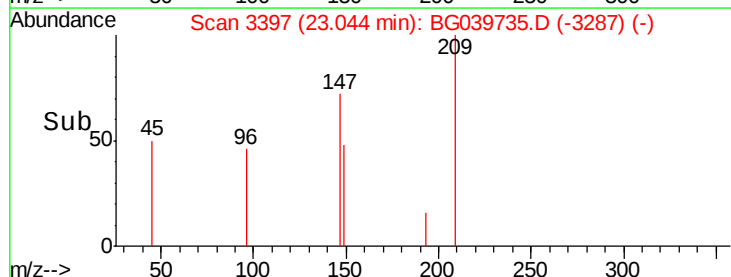
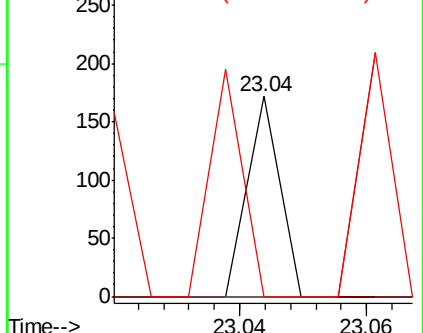
43 113.1 10.2 15.4#

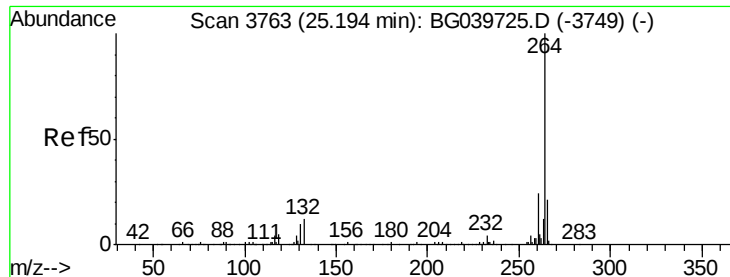


Abundance Ion 149.00 (148.70 to 149.70): E

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: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

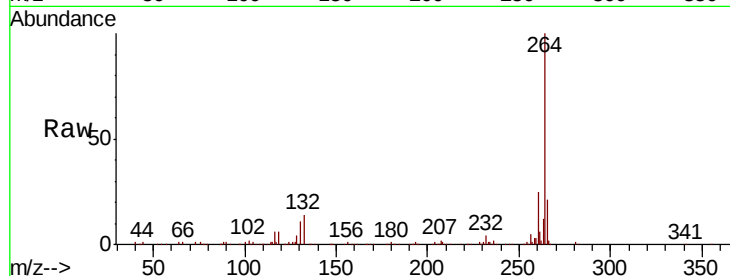
Tgt Ion:264 Resp: 369672

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

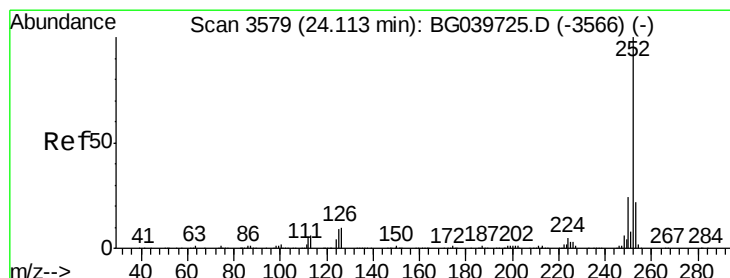
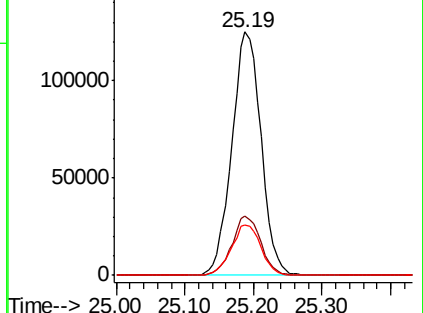
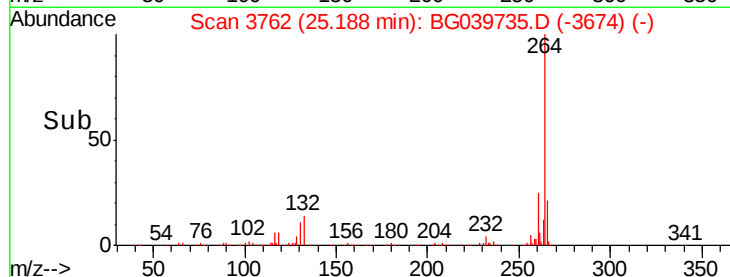
265 20.6 18.5 27.7



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: 24.00 min Scan# 3560

Delta R.T. -0.12 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

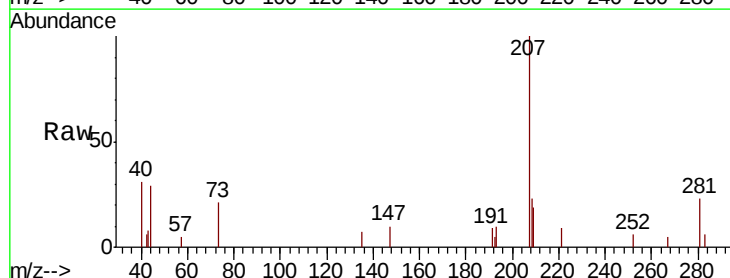
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

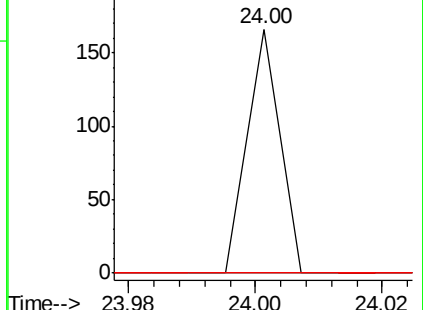
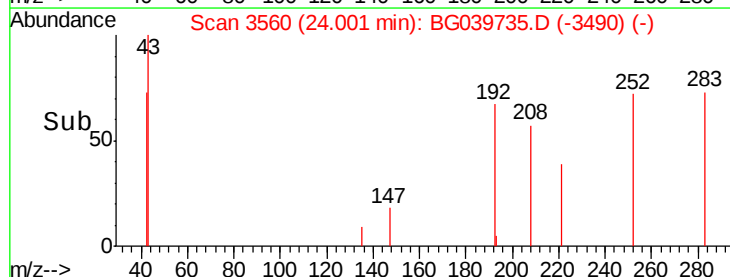
125 0.0 7.8 11.6#

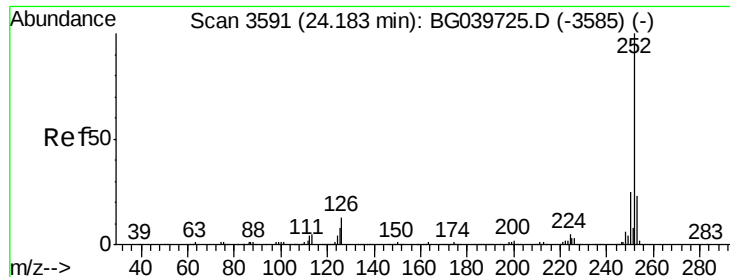


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

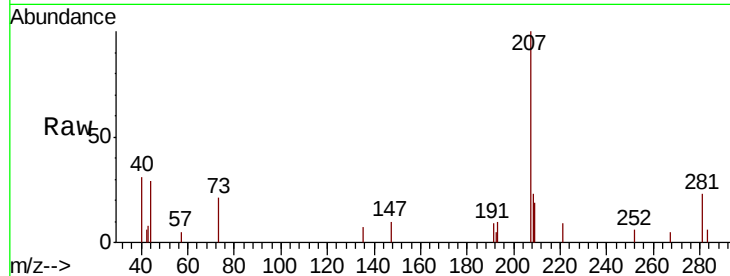




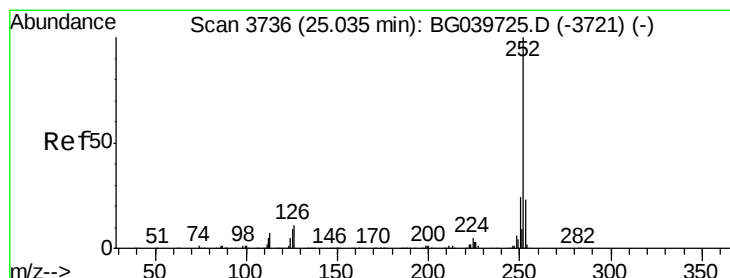
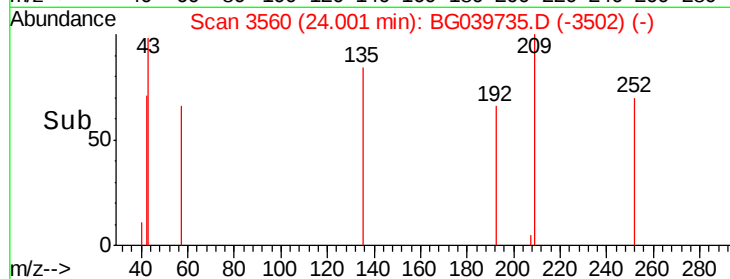
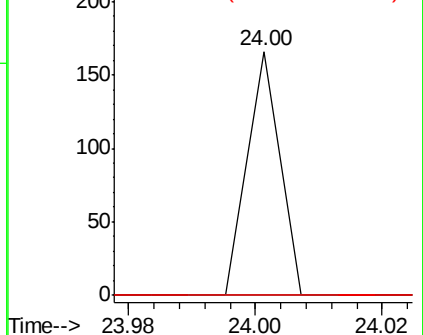
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.19 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB117572BL

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#

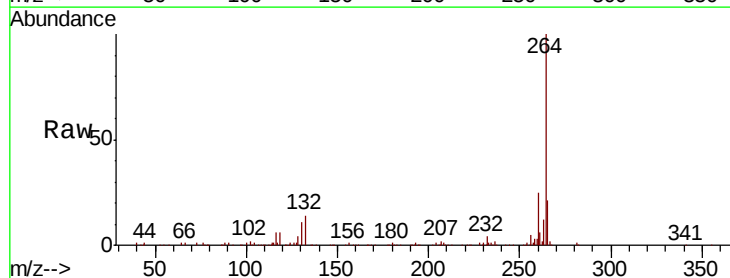


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.073 ng
RT: 25.19 min Scan# 3762
Delta R.T. 0.15 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion: 252 Resp: 1490
Ion Ratio Lower Upper
252 100
253 29.6 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

