

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039767.D
 Acq On : 5 Mar 2019 16:46
 Operator : JU/SJ
 Sample : PB117619BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Quant Time: Mar 06 00:42:23 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	36536	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	154732	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	109434	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	292552	20.00	ng	0.00
76) Chrysene-d12	21.82	240	322181	20.00	ng	-0.01
87) Perylene-d12	25.19	264	320266	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	284675	132.93	ng	0.00
7) Phenol-d6	7.30	99	411332	128.81	ng	-0.01
23) Nitrobenzene-d5	9.33	82	232380	81.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	163958	128.54	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	619056	80.54	ng	-0.01
79) Terphenyl-d14	20.12	244	1163078	79.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	60	0.061	ng	# 1
3) Pyridine	4.02	79	61	0.023	ng	# 1
4) n-Nitrosodimethylamine	3.94	42	216	0.172	ng	# 1
6) Aniline	7.69	93	502	0.120	ng	# 1
9) Benzaldehyde	7.31	77	564	0.274	ng	# 4
10) Phenol	7.29	94	55	0.016	ng	# 1
11) bis(2-Chloroethyl)ether	7.69	93	502	0.186	ng	# 1
12) 1,3-Dichlorobenzene	8.03	146	56	0.019	ng	# 25
13) 1,4-Dichlorobenzene	8.03	146	56	0.019	ng	# 25
14) 1,2-Dichlorobenzene	8.48	146	115	0.040	ng	# 1
15) Benzyl Alcohol	8.48	79	3616	1.428	ng	# 49
19) n-Nitroso-di-n-propylamine	9.33	70	30795	13.398	ng	# 71
24) Nitrobenzene	9.34	77	624	0.208	ng	# 41
34) Hexachlorobutadiene	10.97	225	58	0.030	ng	# 21
46) 1,1'-Biphenyl	13.62	154	697	0.077	ng	# 75
48) 2-Nitroaniline	13.40	65	913	0.420	ng	# 20
51) 2,6-Dinitrotoluene	14.78	165	14337	7.391	ng	# 25
52) Acenaphthene	14.78	154	328	0.049	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	14337	5.260	ng	# 20
58) Fluorene	16.26	166	6761	0.784	ng	# 91
63) Azobenzene	16.26	77	845	0.103	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.26	198	513	0.297	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	6262	0.739	ng	# 48
67) 4-Bromophenyl-phenylether	16.27	248	12431	3.796	ng	# 1
68) Hexachlorobenzene	16.90	284	60	0.018	ng	# 38
77) Benzidine	20.12	184	19453	1.903	ng	# 96
78) Pyrene	20.12	202	4482	0.214	ng	# 68
80) Butylbenzylphthalate	20.99	149	61	0.008	ng	# 22
81) Benzo(a)anthracene	21.82	228	809	0.040	ng	# 47
82) 3,3'-Dichlorobenzidine	21.53	252	54	0.007	ng	# 26
83) Chrysene	21.82	228	809	0.041	ng	# 45
84) Bis(2-ethylhexyl)phthalate	21.65	149	116	0.010	ng	# 52
85) Di-n-octyl phthalate	22.94	149	57	0.003	ng	# 1
88) Benzo(b)fluoranthene	24.12	252	65	0.003	ng	# 60

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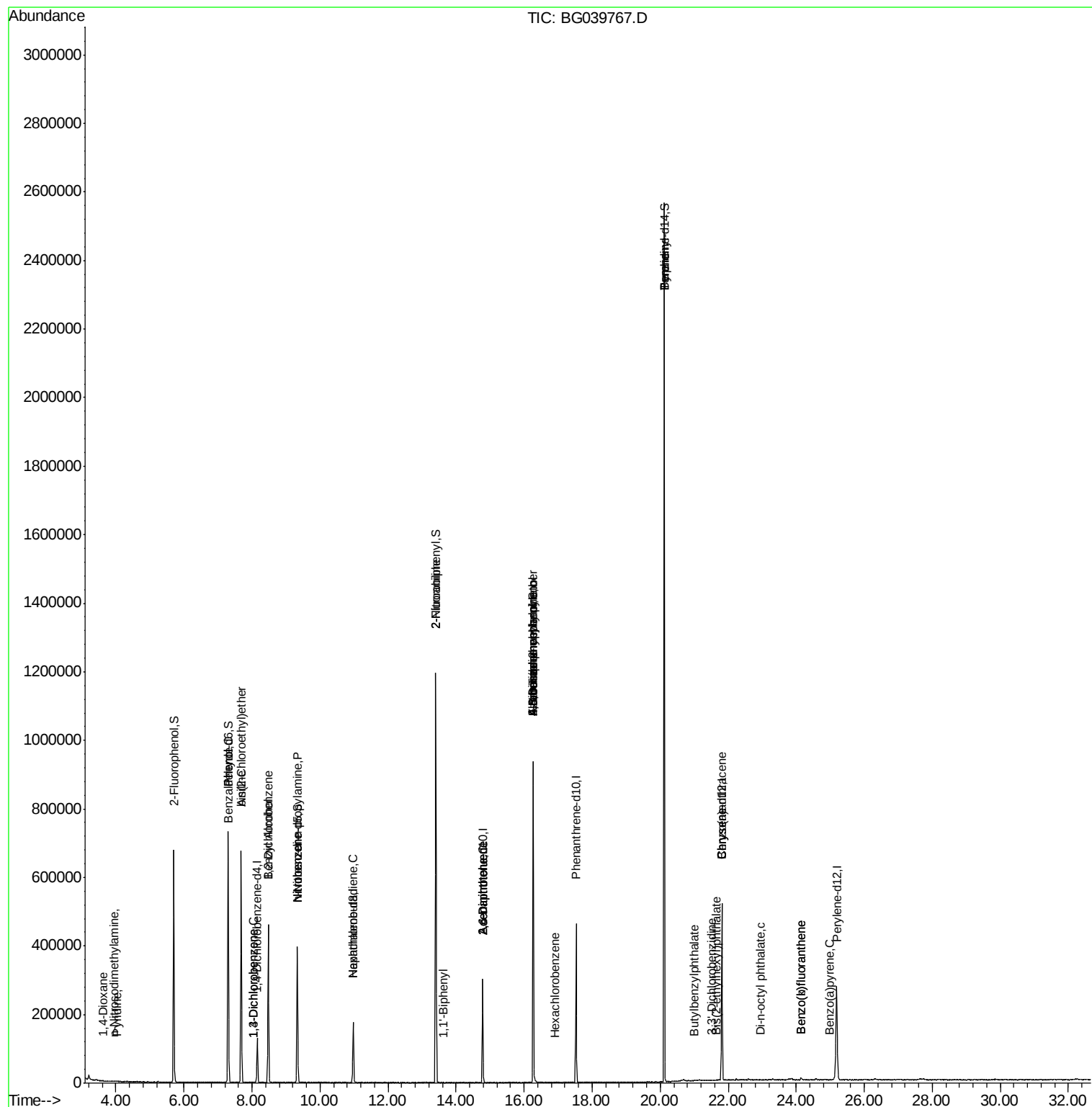
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.12	252	65	0.004	ng	# 59
90) Benzo(a)pyrene	24.98	252	54	0.003	ng	# 59

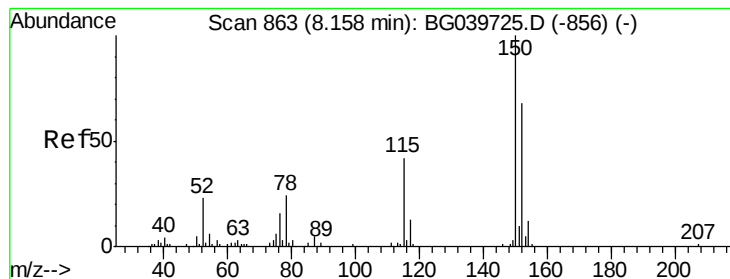
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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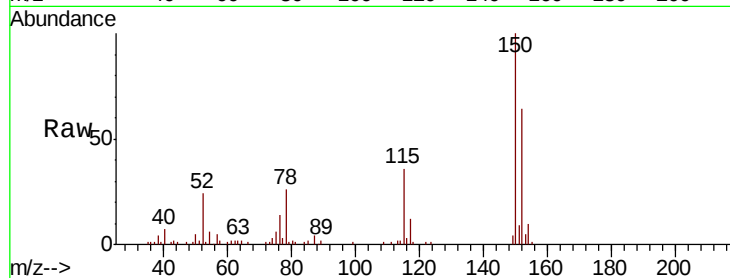


#1

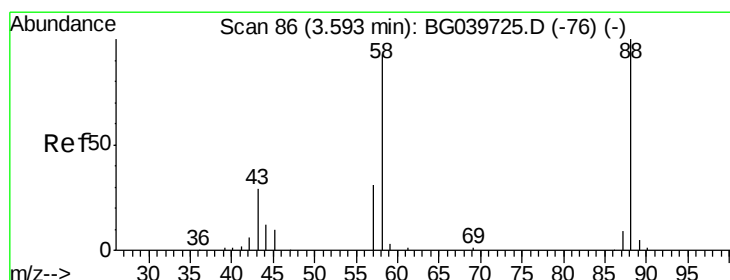
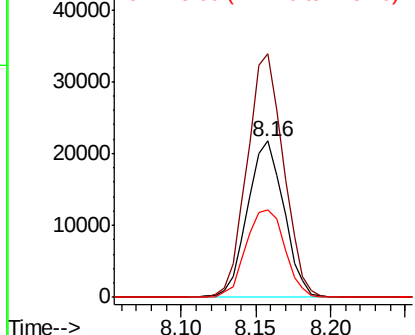
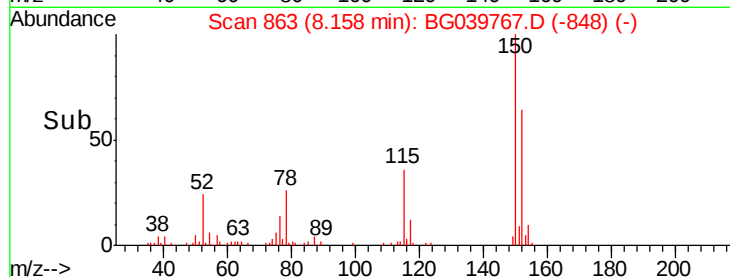
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Instrument :
BNA_G
ClientSampleId :
PB117619BL

Tgt Ion:152 Resp: 36536
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 55.7 45.9 68.9



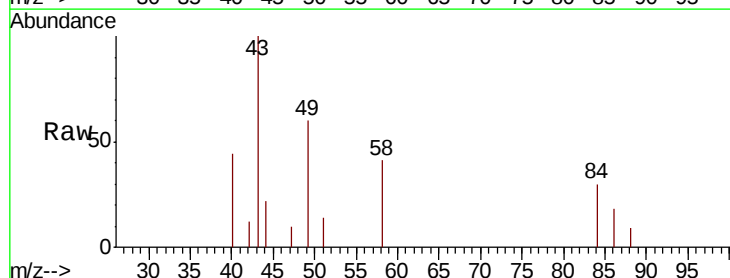
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



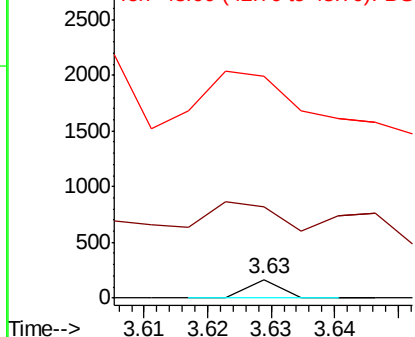
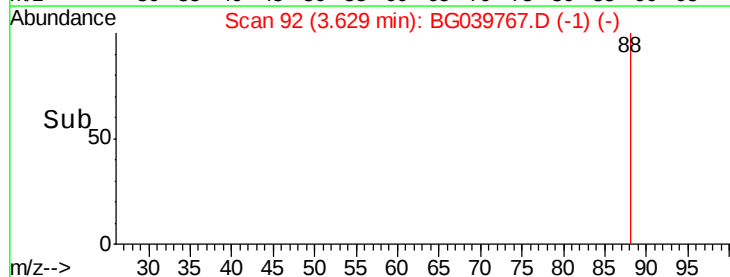
#2

1,4-Dioxane
Concen: 0.061 ng
RT: 3.63 min Scan# 92
Delta R.T. 0.02 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
58 1266.7 81.1 121.7#
43 586.7 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





#3

Pyridine

Concen: 0.023 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.02 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

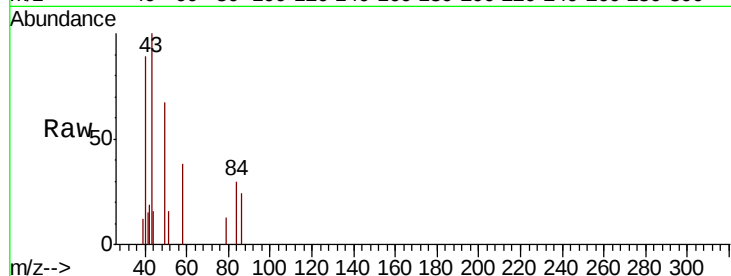
Tgt Ion: 79 Resp: 61

Ion Ratio Lower Upper

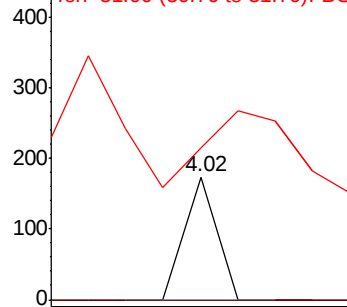
79 100

52 0.0 82.6 124.0#

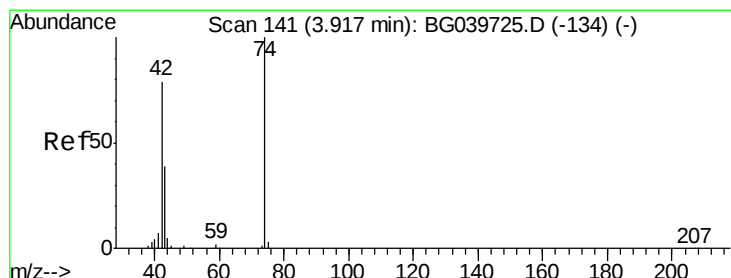
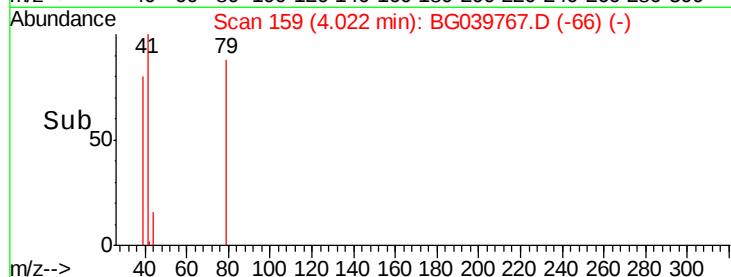
51 123.6 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.172 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

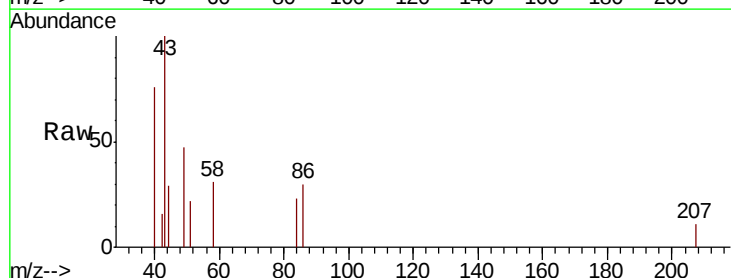
Tgt Ion: 42 Resp: 216

Ion Ratio Lower Upper

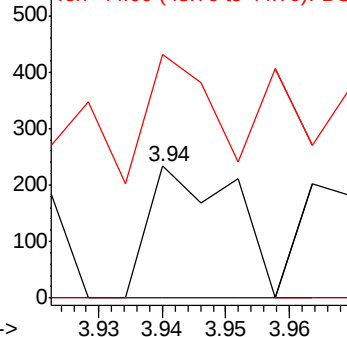
42 100

74 0.0 83.6 125.4#

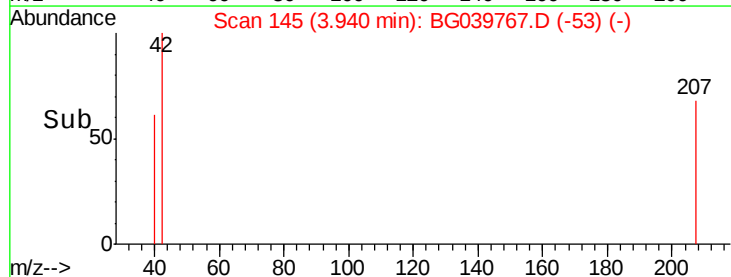
44 185.0 6.9 10.3#



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



Time-->





#5

2-Fluorophenol

Concen: 132.926 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

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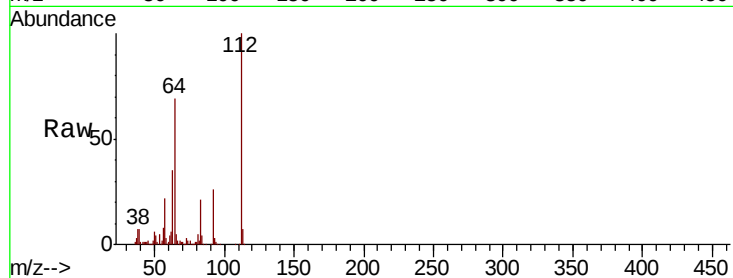
Tgt Ion:112 Resp: 284675

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

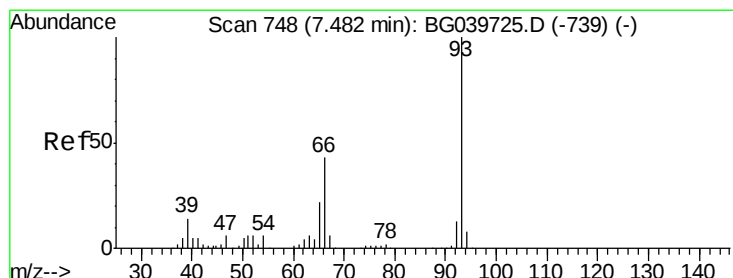
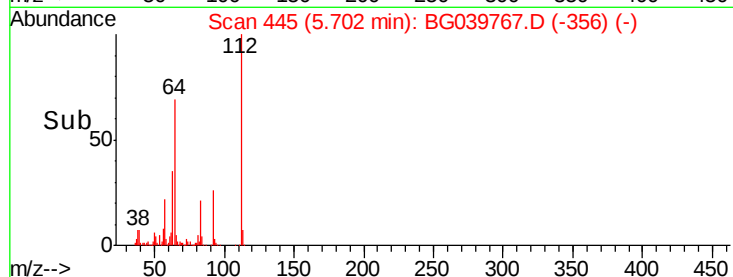
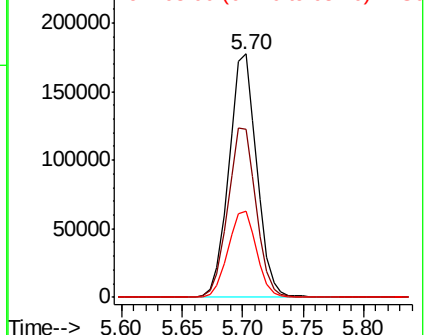
63 35.3 29.8 44.6



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: 0.120 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.19 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

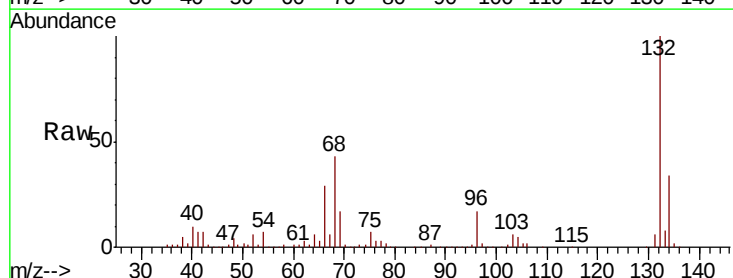
Tgt Ion: 93 Resp: 502

Ion Ratio Lower Upper

93 100

66 10262.5 34.2 51.4#

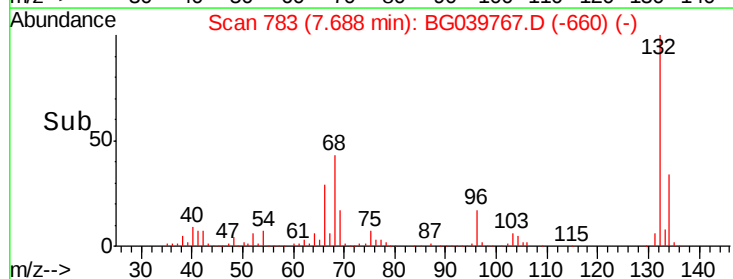
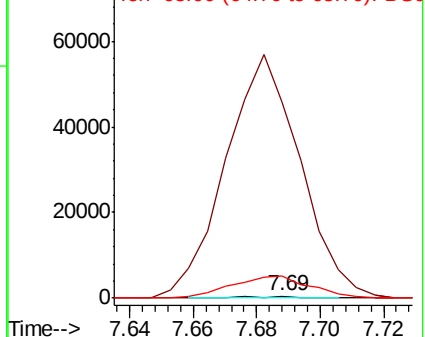
65 1163.2 17.7 26.5#



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: 128.813 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

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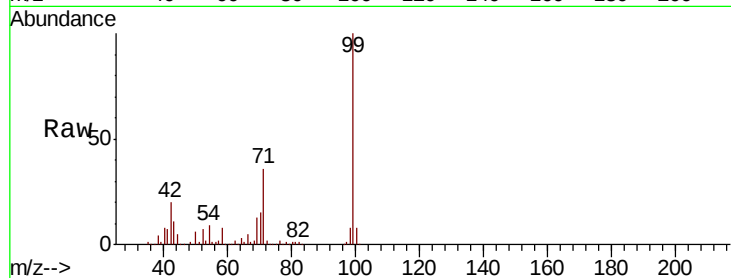
Tgt Ion: 99 Resp: 411332

Ion Ratio Lower Upper

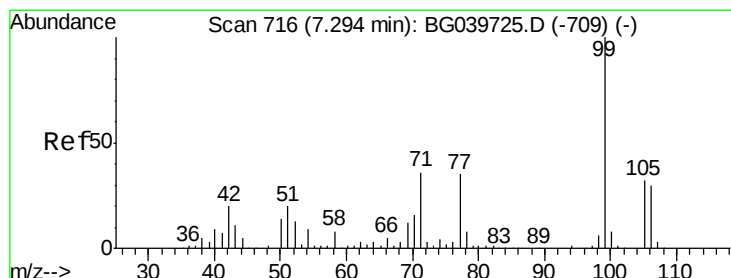
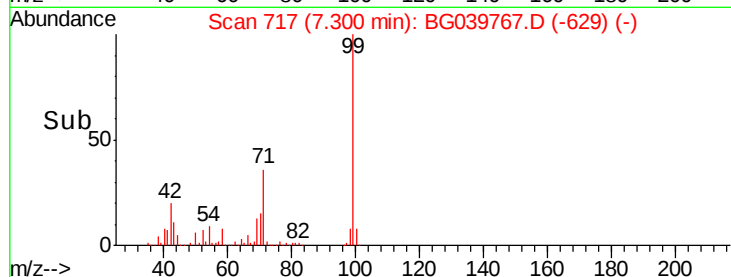
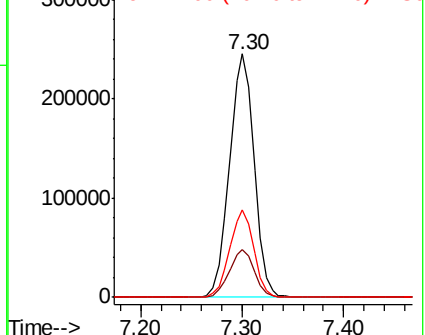
99 100

42 19.7 18.2 27.2

71 35.8 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



#9

Benzaldehyde

Concen: 0.274 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

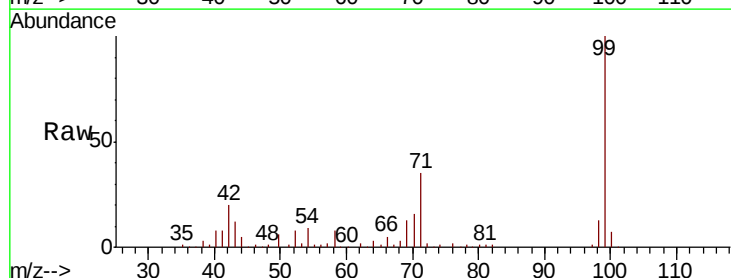
Tgt Ion: 77 Resp: 564

Ion Ratio Lower Upper

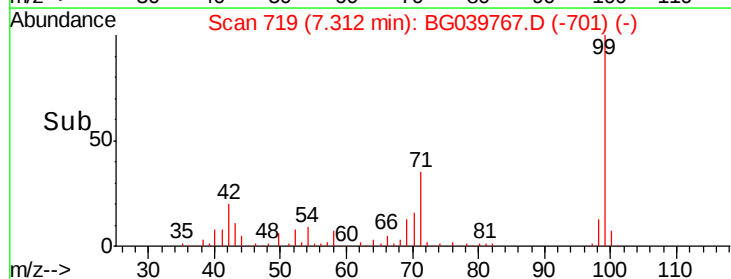
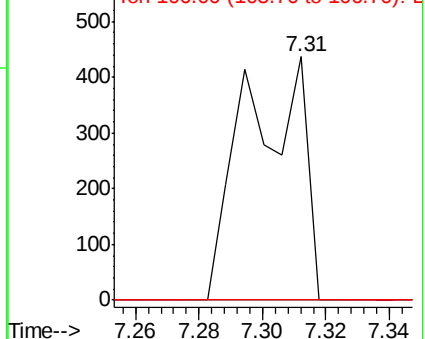
77 100

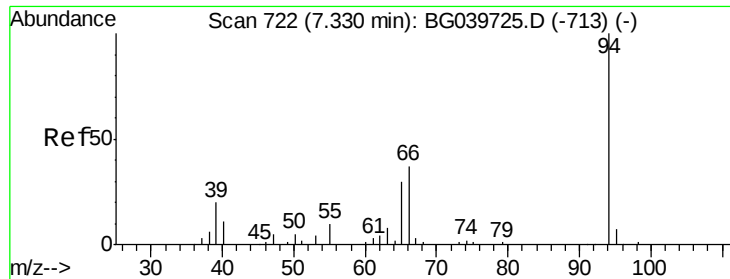
105 0.0 74.5 114.5#

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): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.016 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.04 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

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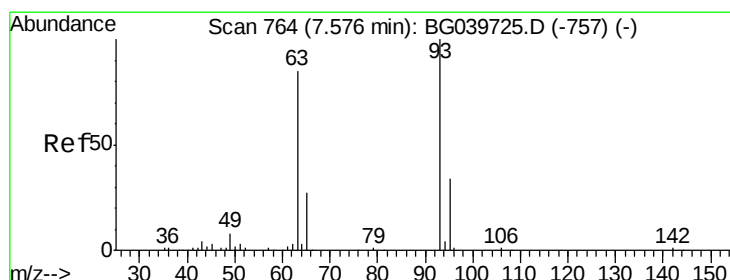
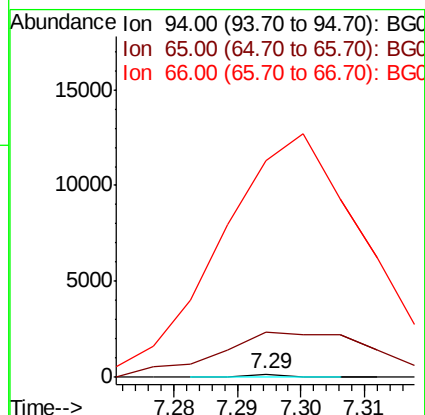
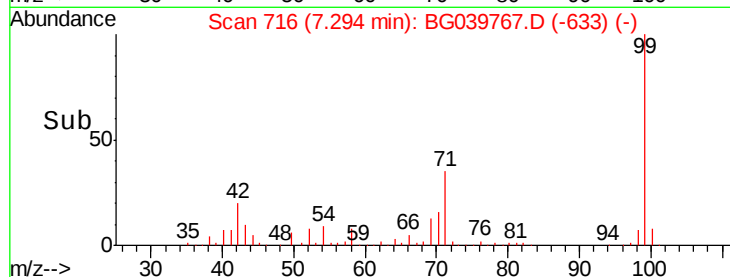
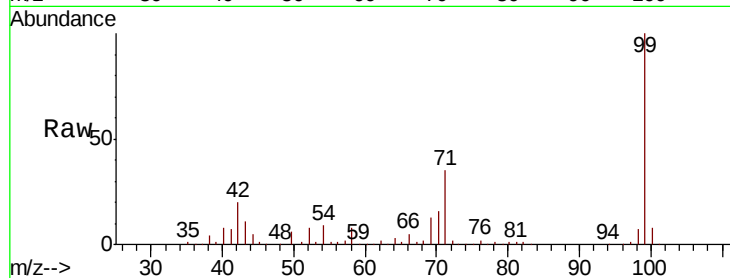
Tgt Ion: 94 Resp: 55

Ion Ratio Lower Upper

94 100

65 1534.8 11.7 51.7#

66 7300.6 23.7 63.7#



#11

bis(2-Chloroethyl)ether

Concen: 0.186 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.11 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

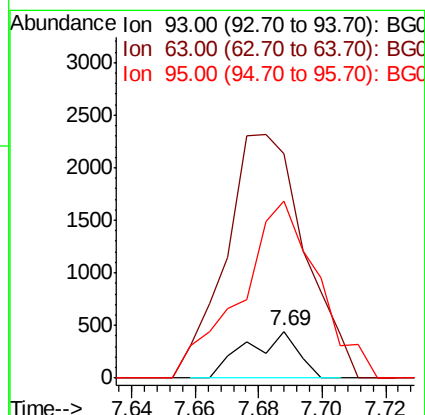
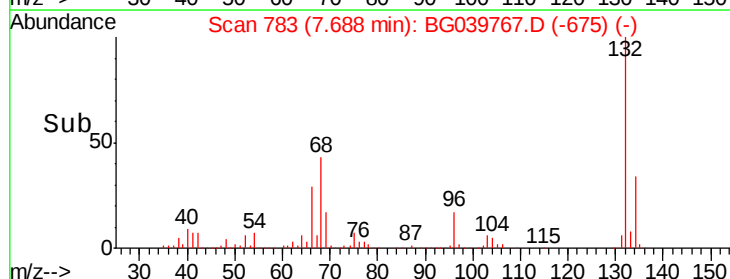
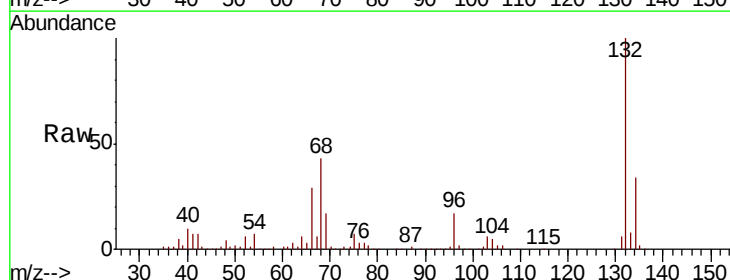
Tgt Ion: 93 Resp: 502

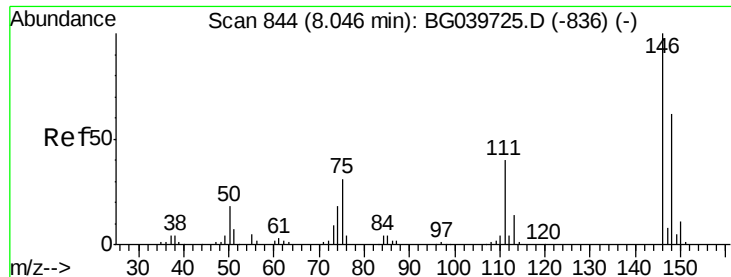
Ion Ratio Lower Upper

93 100

63 477.2 69.5 109.5#

95 376.8 12.7 52.7#

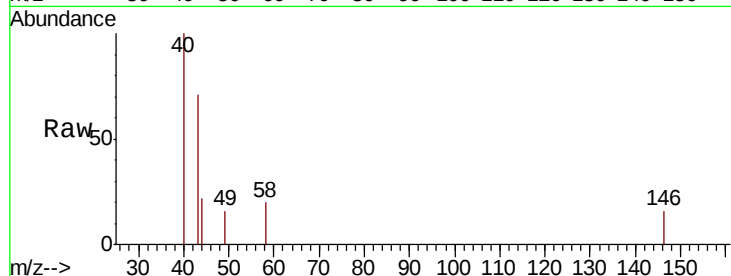




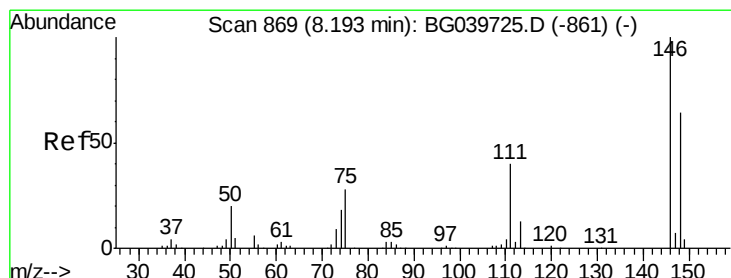
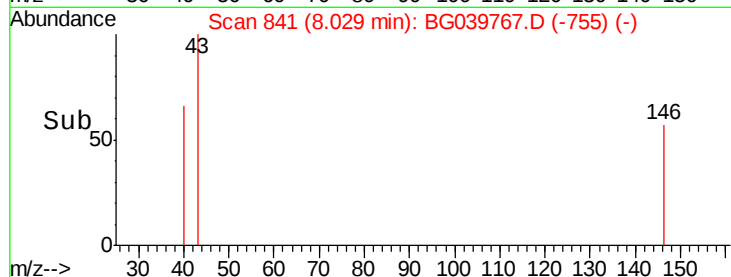
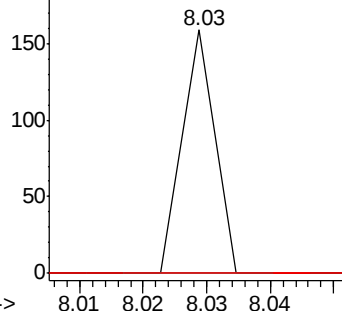
#12
 1,3-Dichlorobenzene
 Concen: 0.019 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.6	79.0#
75	0.0	25.8	38.6#

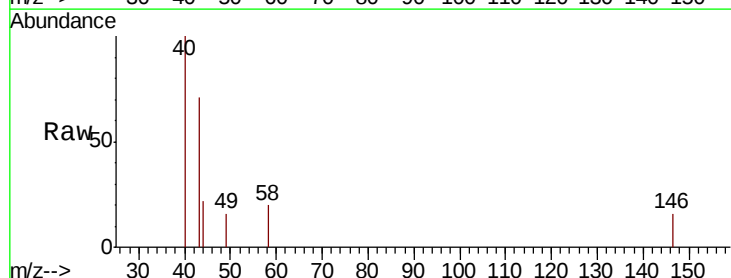


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

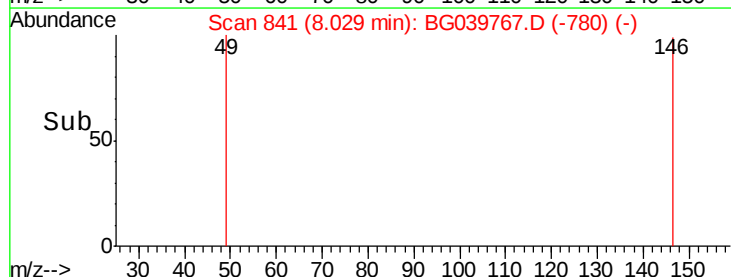
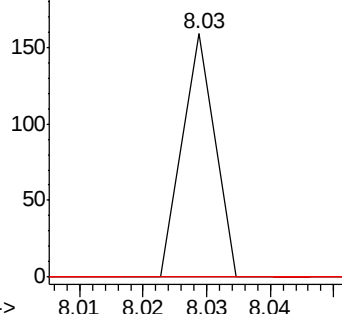


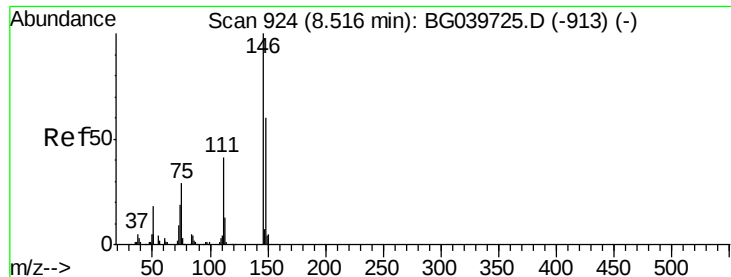
#13
 1,4-Dichlorobenzene
 Concen: 0.019 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.17 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.1	76.7#
111	0.0	32.6	48.8#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.040 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.04 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

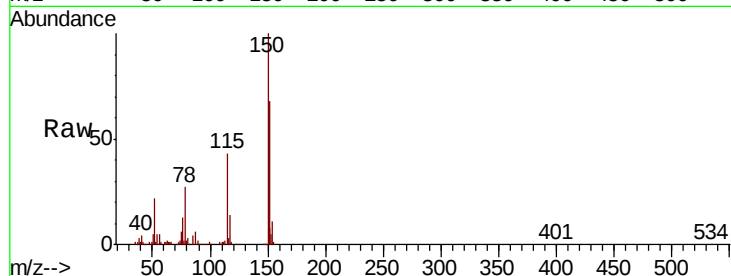
Tgt Ion:146 Resp: 115

Ion Ratio Lower Upper

146 100

148 114.1 51.5 77.3#

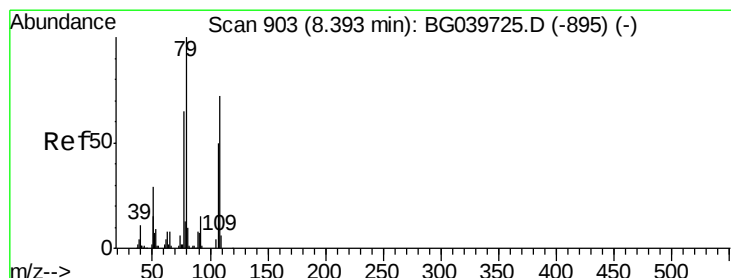
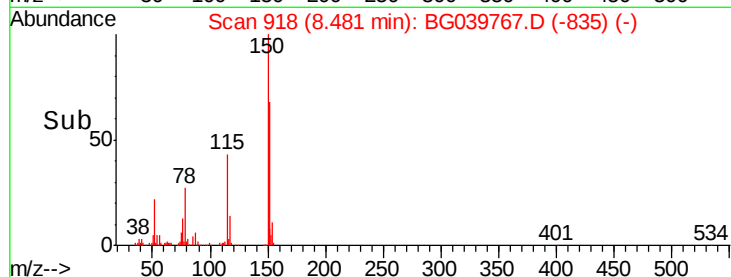
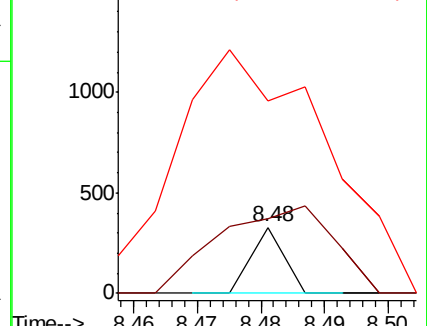
111 292.0 33.8 50.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.428 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.08 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

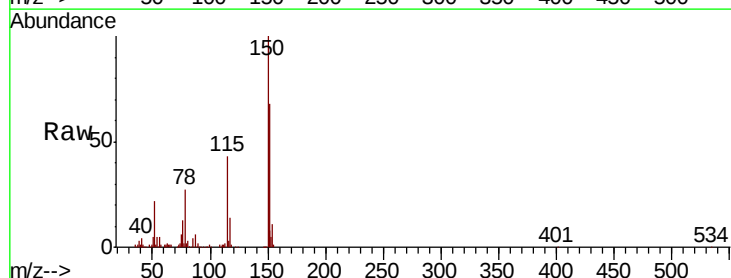
Tgt Ion: 79 Resp: 3616

Ion Ratio Lower Upper

79 100

108 35.5 57.8 86.6#

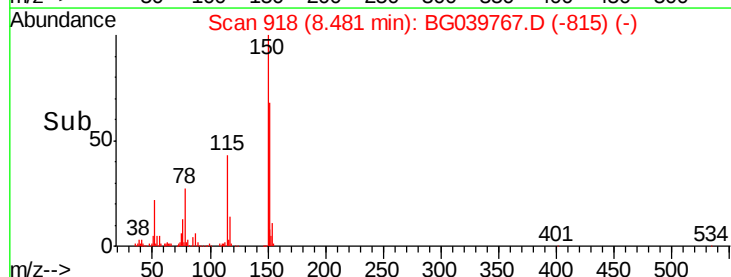
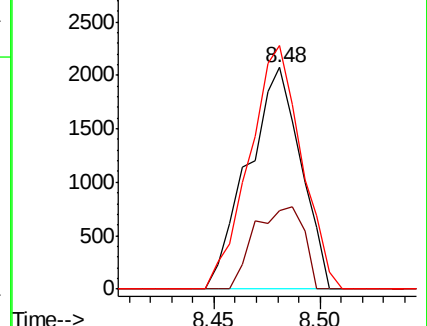
77 109.9 51.1 76.7#

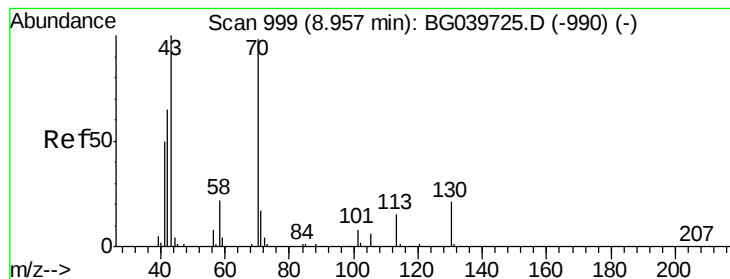


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.398 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

Tgt Ion: 70 Resp: 30795

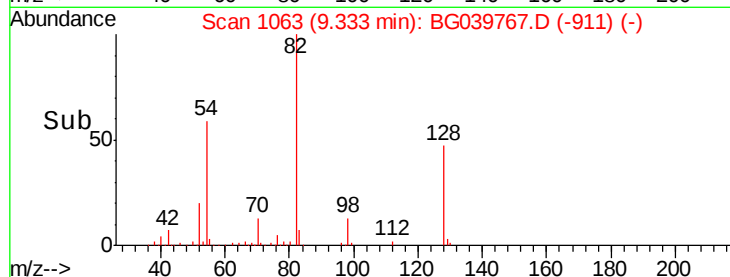
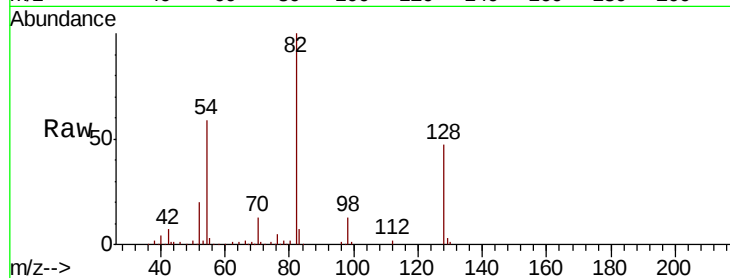
Ion Ratio Lower Upper

70 100

42 52.5 60.4 90.6#

101 0.0 7.5 11.3#

130 3.8 16.9 25.3#

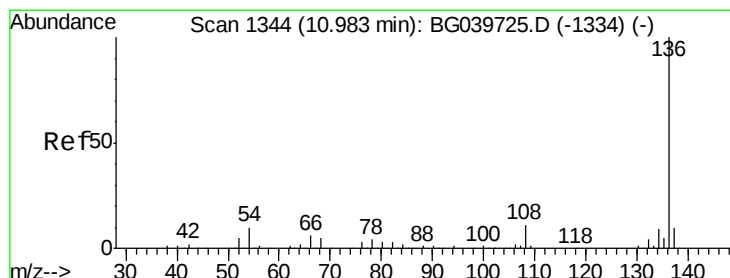
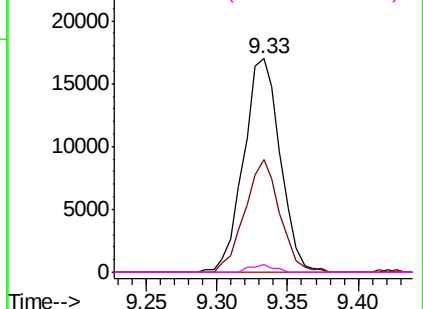


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG039767.D

Acq: 5 Mar 2019 16:46

Tgt Ion: 136 Resp: 154732

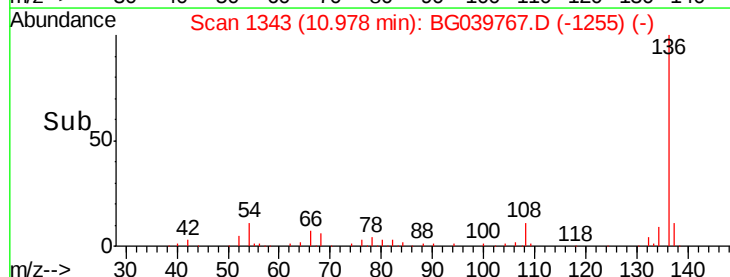
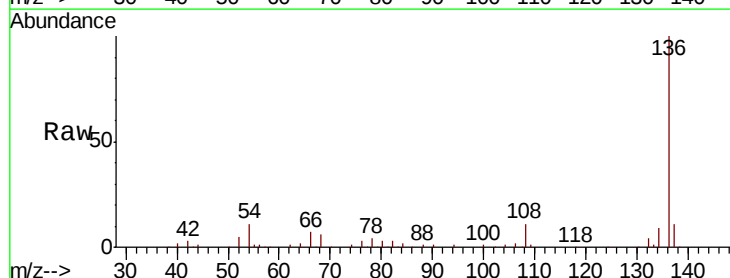
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.8 9.4 14.2

68 6.1 4.2 6.4

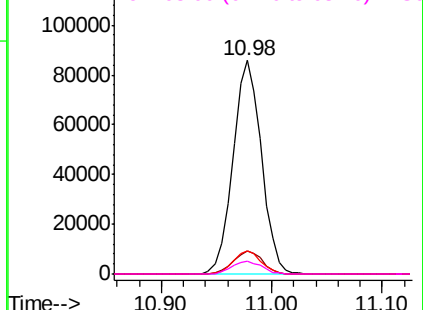


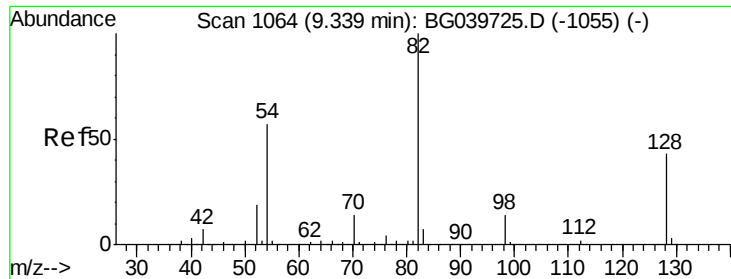
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

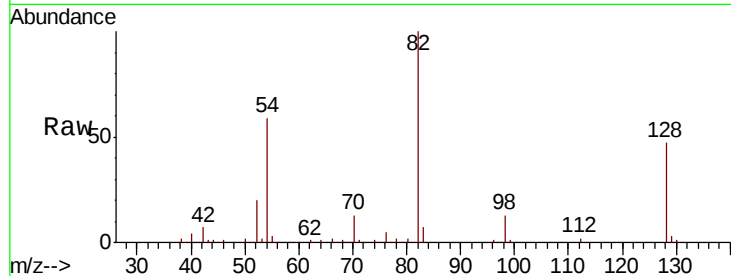




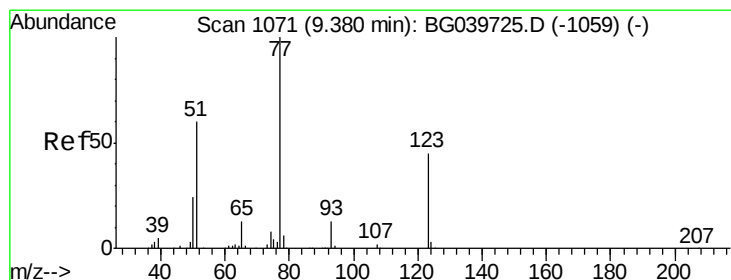
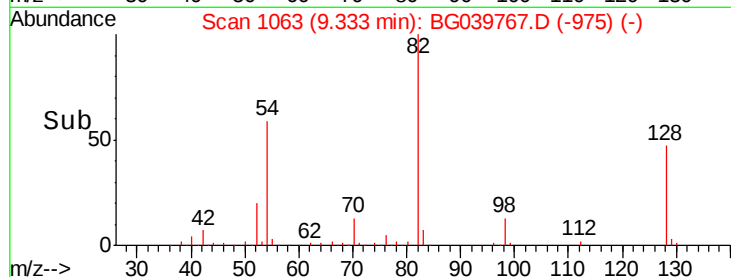
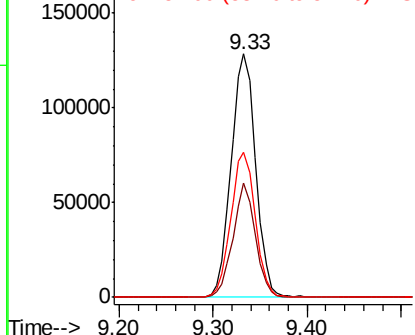
#23
 Nitrobenzene-d5
 Concen: 81.225 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Tgt Ion: 82 Resp: 232380
 Ion Ratio Lower Upper
 82 100
 128 47.1 31.3 46.9#
 54 59.5 50.9 76.3

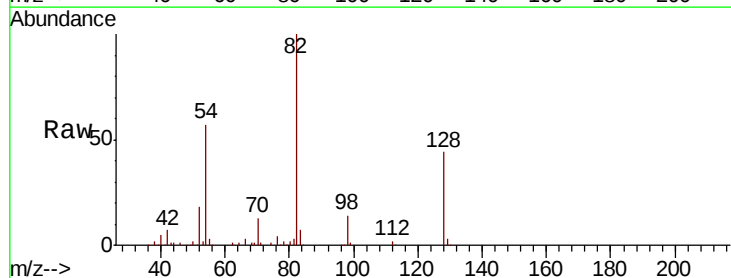


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

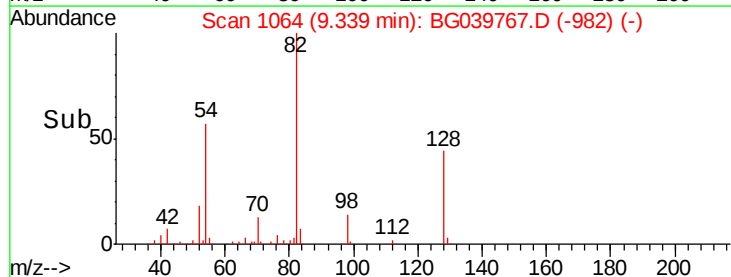
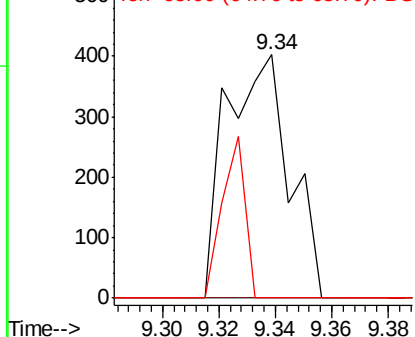


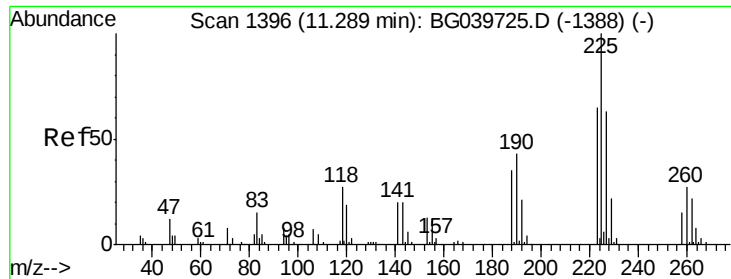
#24
 Nitrobenzene
 Concen: 0.208 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.05 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Tgt Ion: 77 Resp: 624
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 0.0 12.3 18.5#



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

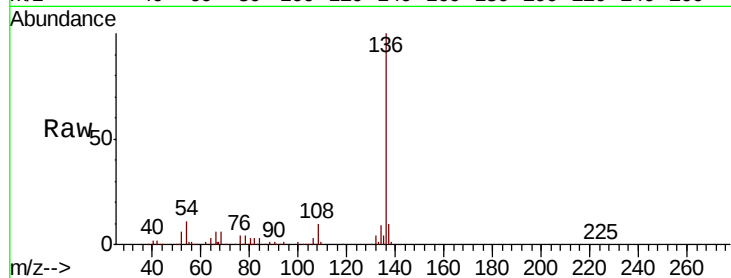




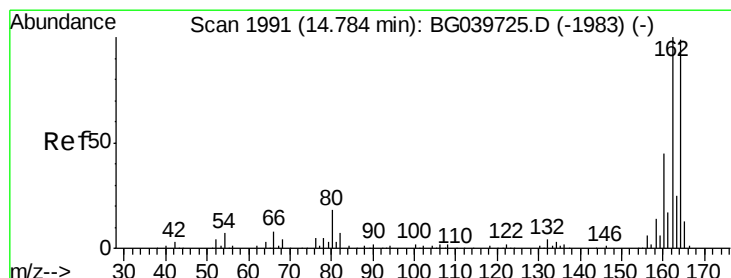
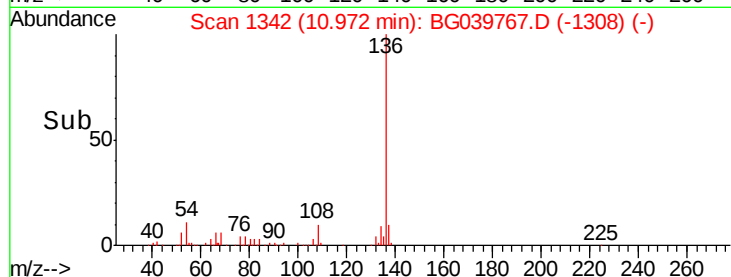
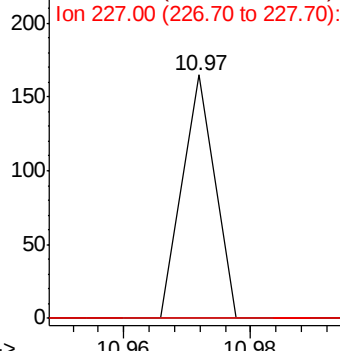
#34
Hexachlorobutadiene
Concen: 0.030 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.33 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Instrument :
BNA_G
ClientSampleId :
PB117619BL

Tgt Ion: 225 Resp: 58
Ion Ratio Lower Upper
225 100
223 0.0 49.0 73.6#
227 0.0 46.3 69.5#

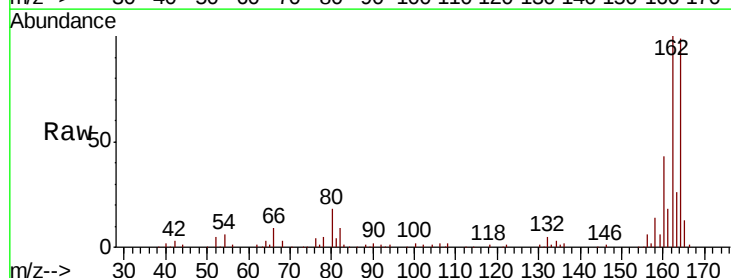


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

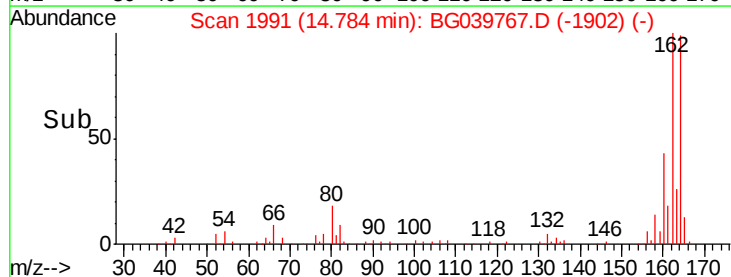
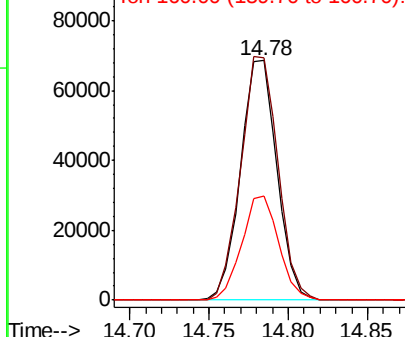


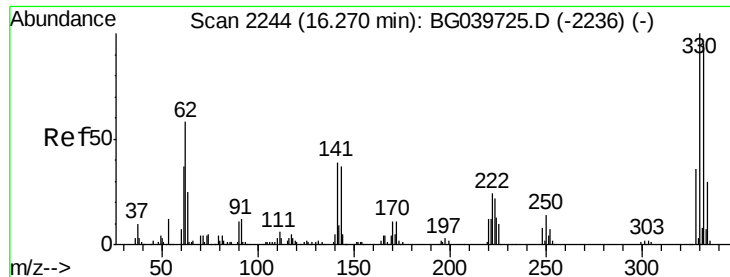
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion: 164 Resp: 109434
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 43.3 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

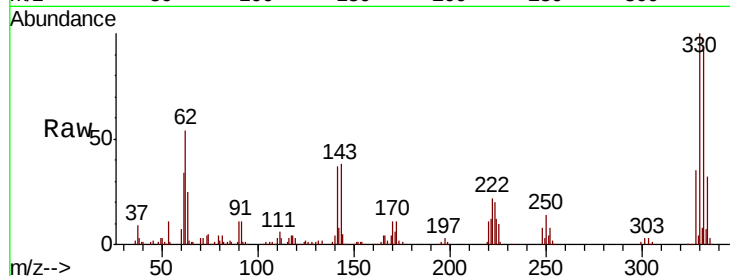




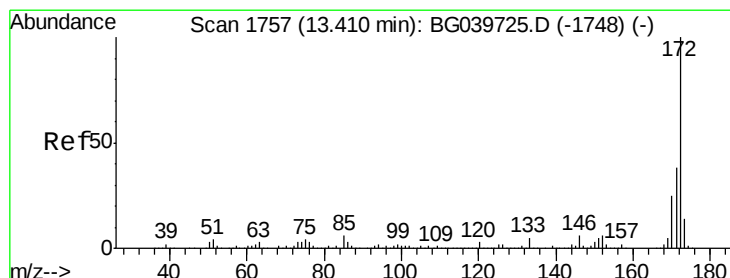
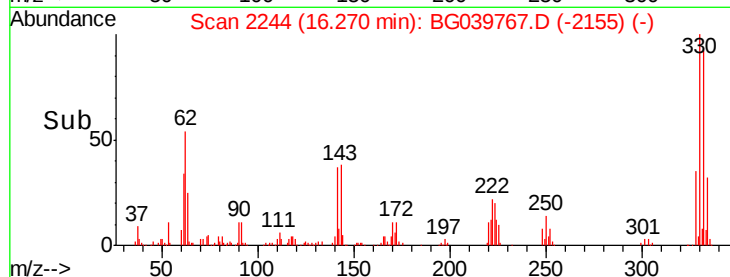
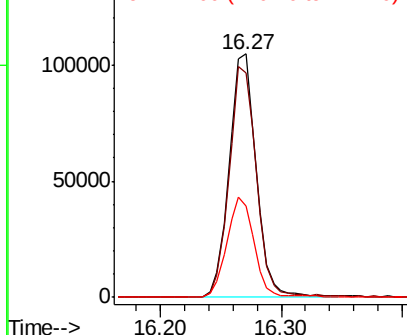
#42
 2,4,6-Tribromophenol
 Concen: 128.541 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Tgt Ion:330 Resp: 163958
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 41.2 35.6 53.4

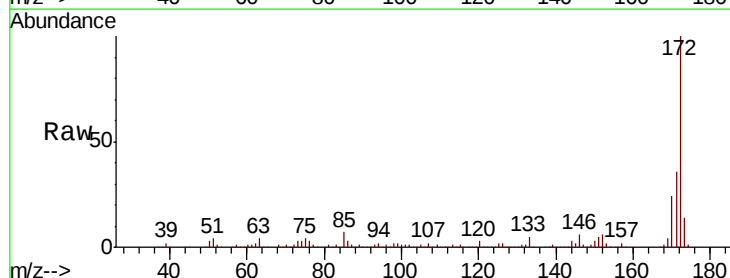


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

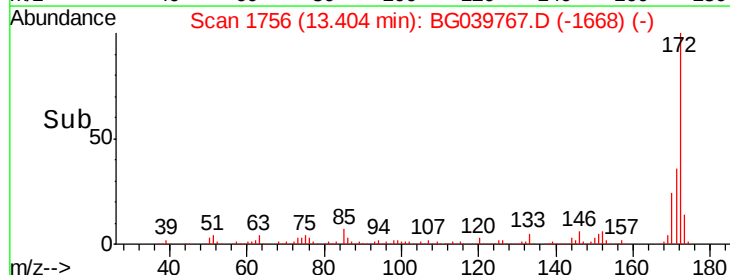
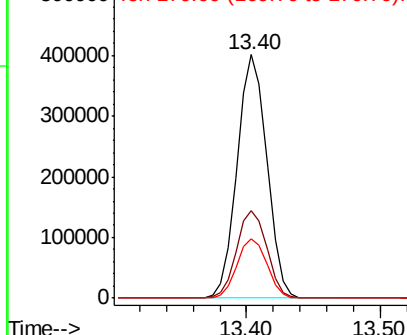


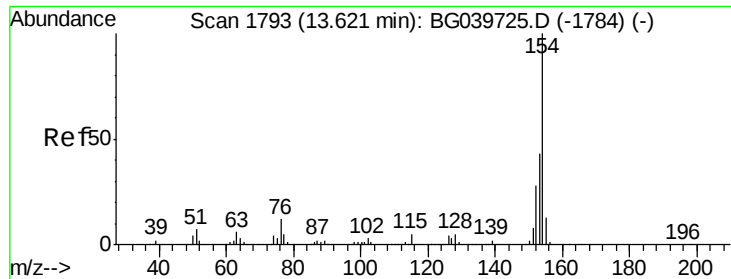
#45
 2-Fluorobiphenyl
 Concen: 80.544 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Tgt Ion:172 Resp: 619056
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

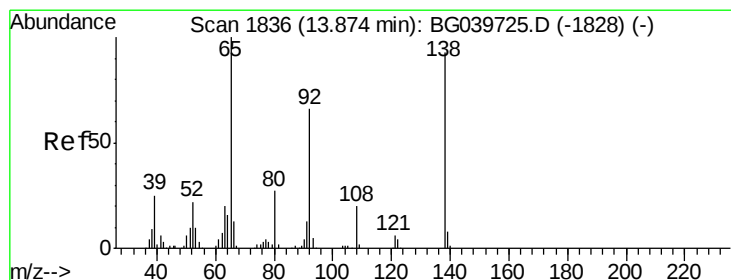
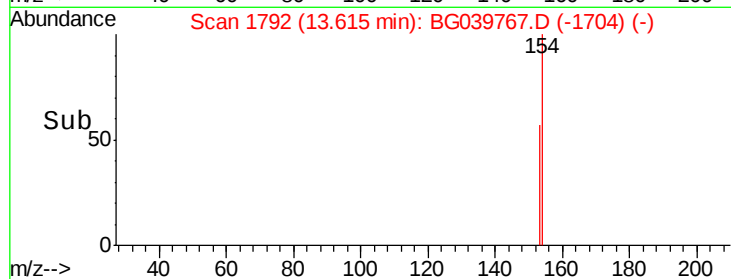
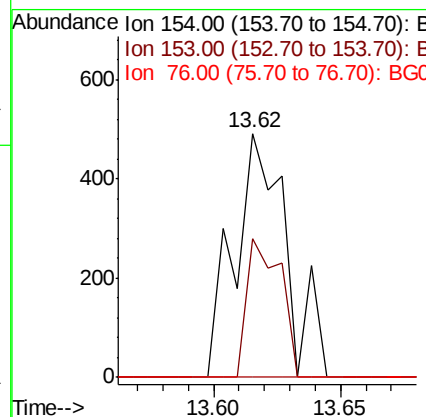
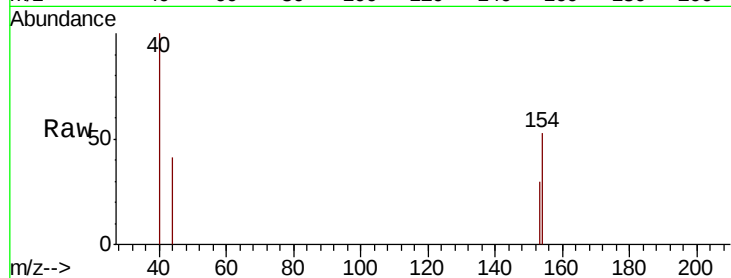




#46
1,1'-Biphenyl
Concen: 0.077 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

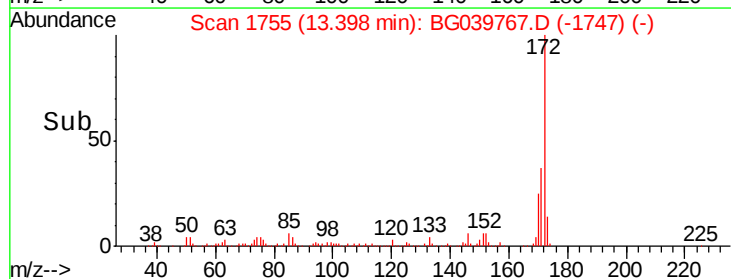
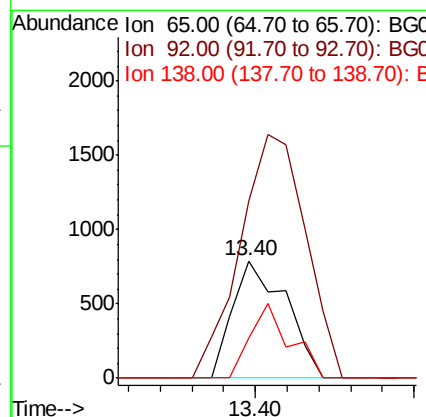
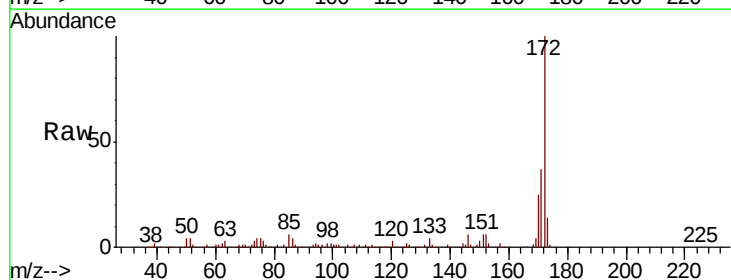
Instrument :
BNA_G
ClientSampleId :
PB117619BL

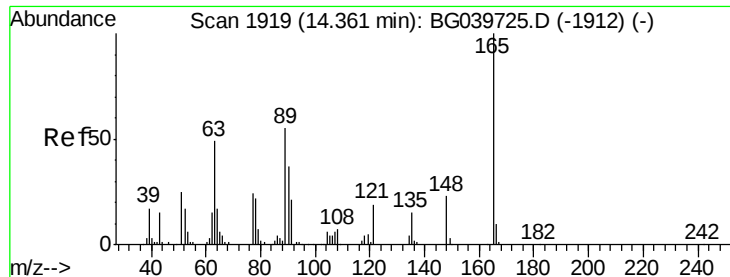
Tgt Ion: 154 Resp: 697
Ion Ratio Lower Upper
154 100
153 56.8 22.1 62.1
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.420 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.48 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion: 65 Resp: 913
Ion Ratio Lower Upper
65 100
92 150.2 51.4 77.2#
138 33.6 71.4 107.2#





#51

2,6-Dinitrotoluene

Concen: 7.391 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.42 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

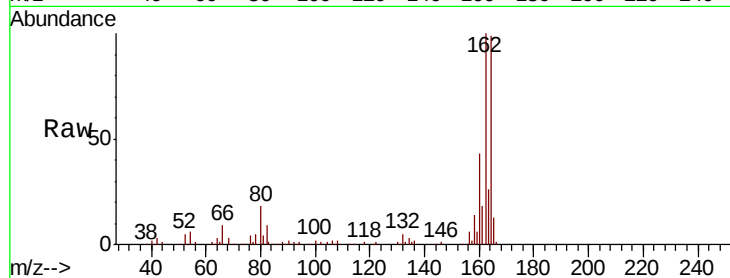
Tgt Ion:165 Resp: 14337

Ion Ratio Lower Upper

165 100

63 2.4 47.0 70.6#

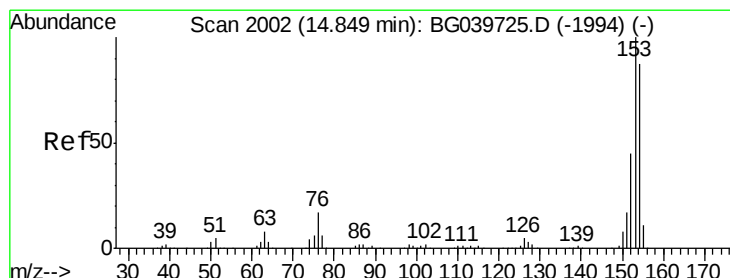
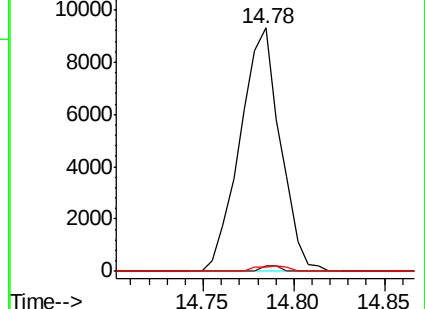
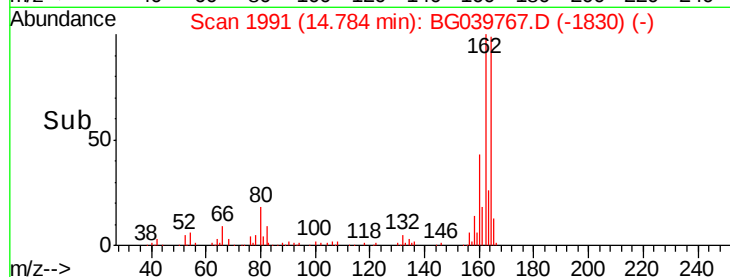
89 1.8 45.8 68.8#



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: 0.049 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

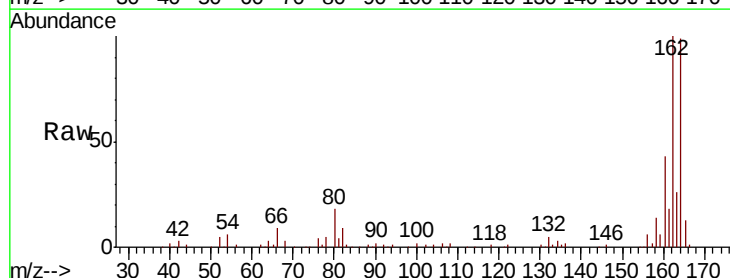
Tgt Ion:154 Resp: 328

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

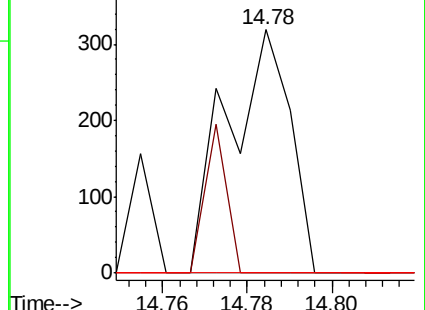
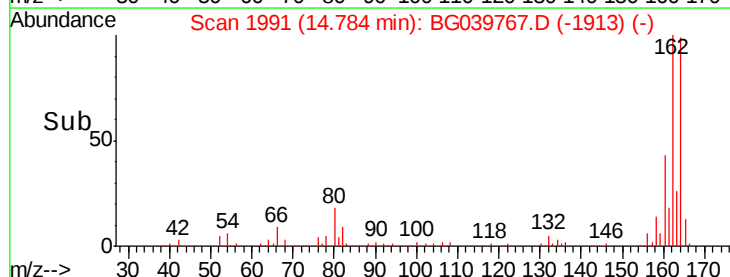
152 0.0 40.9 61.3#

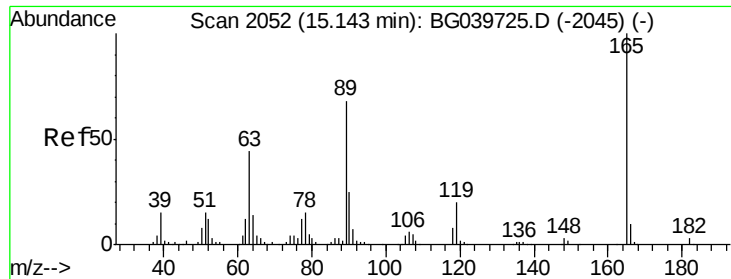


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

2,4-Dinitrotoluene

Concen: 5.260 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.36 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

Tgt Ion:165 Resp: 14337

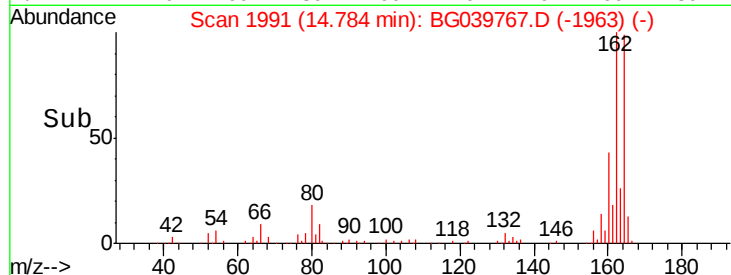
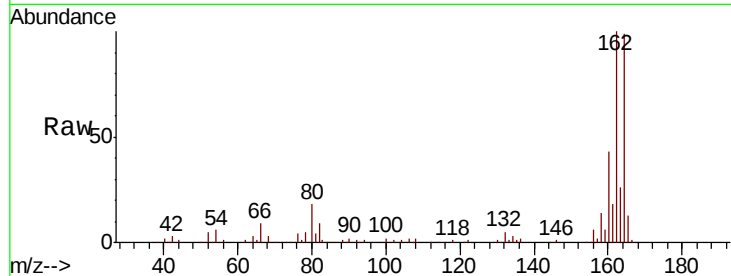
Ion Ratio Lower Upper

165 100

63 2.4 41.0 61.6#

89 1.8 64.6 96.8#

182 0.0 2.0 3.0#

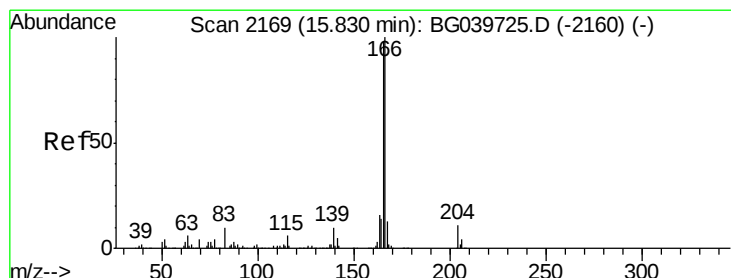
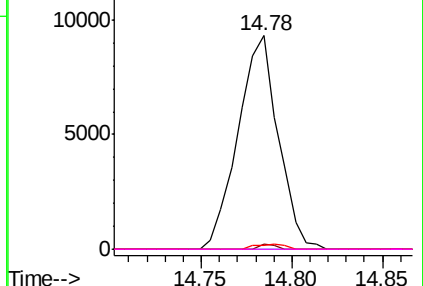


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.784 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

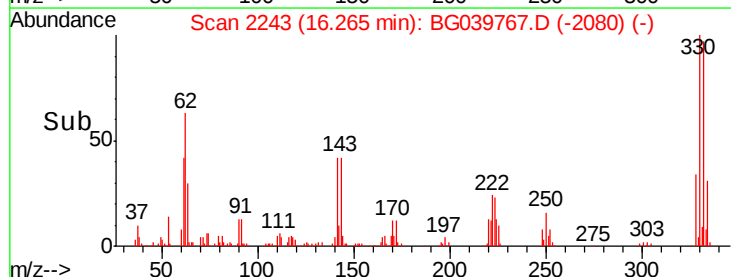
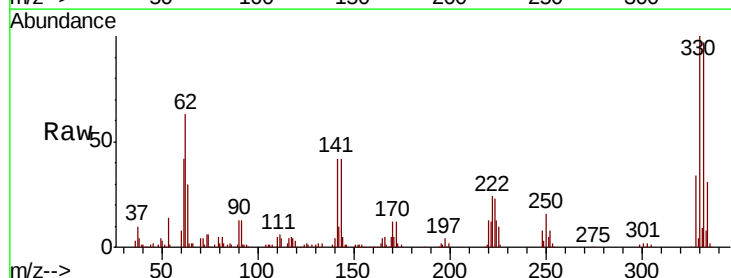
Tgt Ion:166 Resp: 6761

Ion Ratio Lower Upper

166 100

165 93.2 77.9 116.9

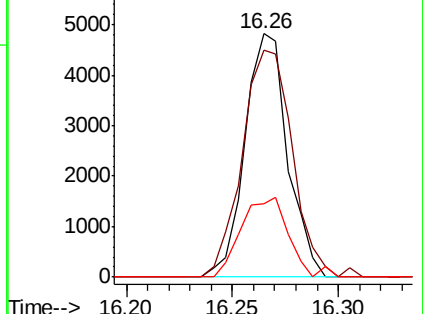
167 30.3 10.8 16.2#

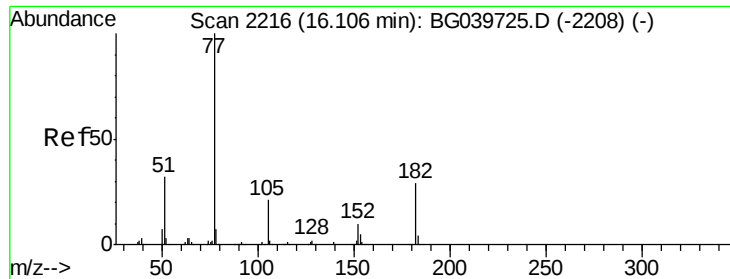


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

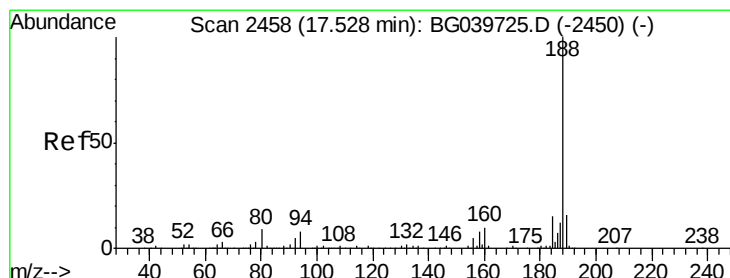
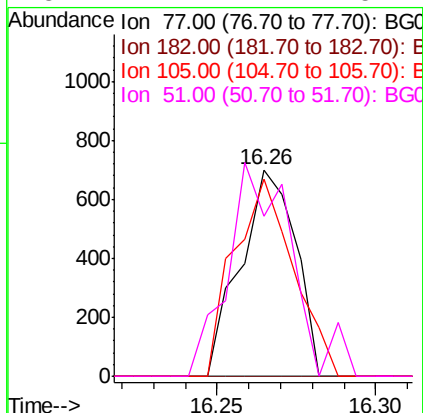
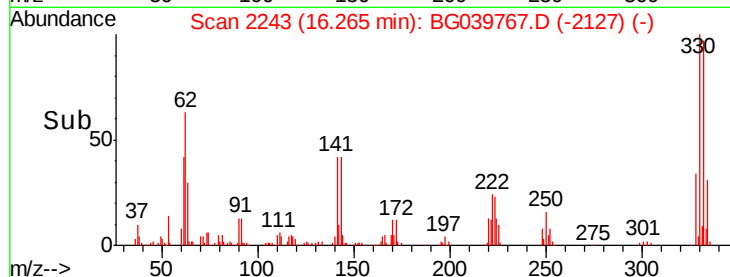
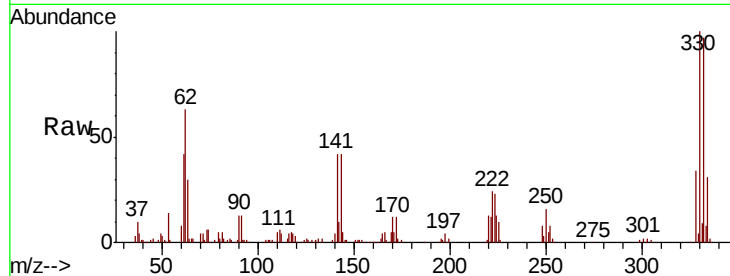




#63
Azobenzene
Concen: 0.103 ng
RT: 16.26 min Scan# 2243
Delta R.T. 0.15 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

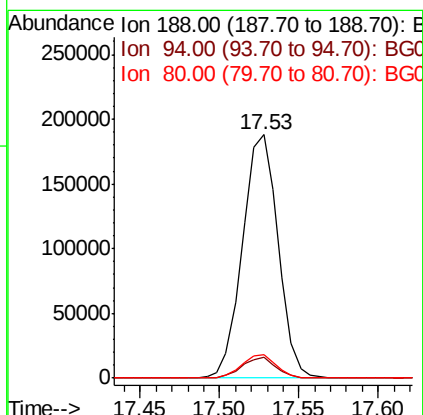
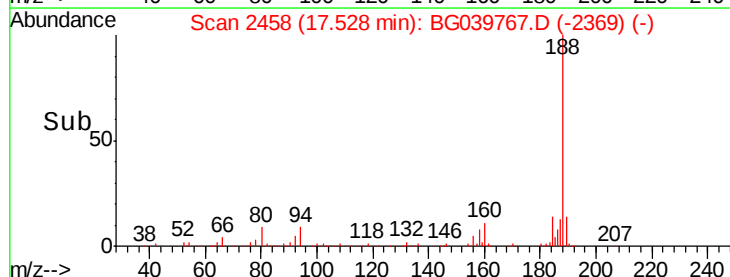
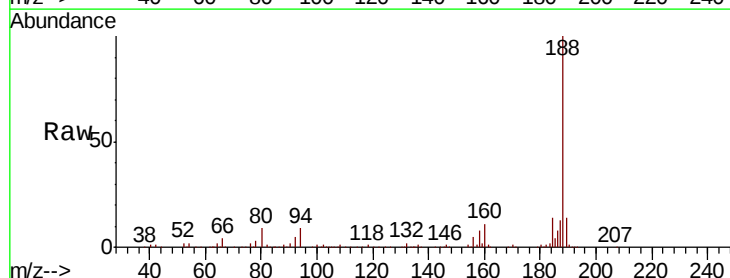
Instrument :
BNA_G
ClientSampleId :
PB117619BL

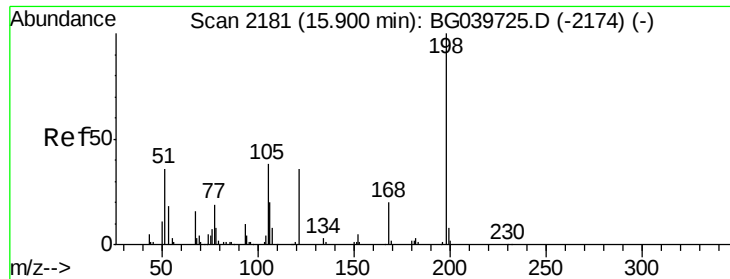
Tgt Ion: 77 Resp: 845
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 95.6 0.0 39.8#
51 77.4 14.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion: 188 Resp: 292552
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.4 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.297 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

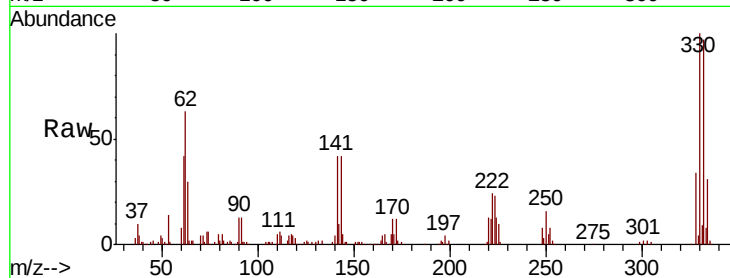
Tgt Ion:198 Resp: 513

Ion Ratio Lower Upper

198 100

51 112.2 27.4 67.4#

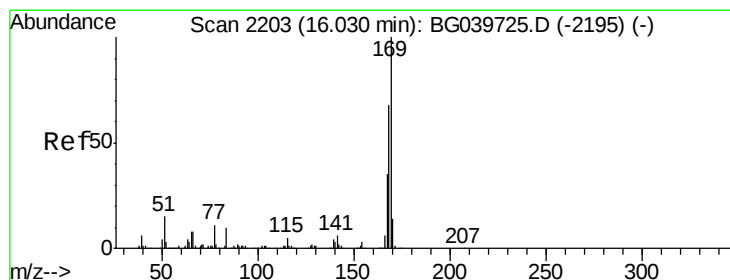
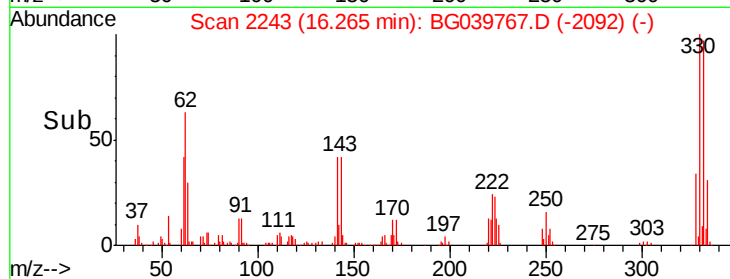
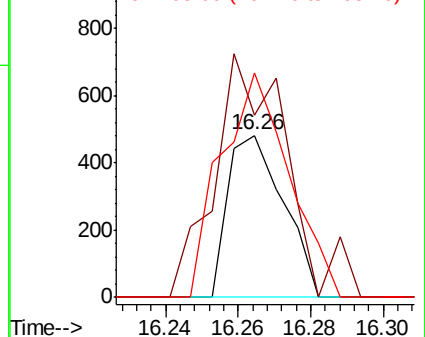
105 138.5 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.739 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.23 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

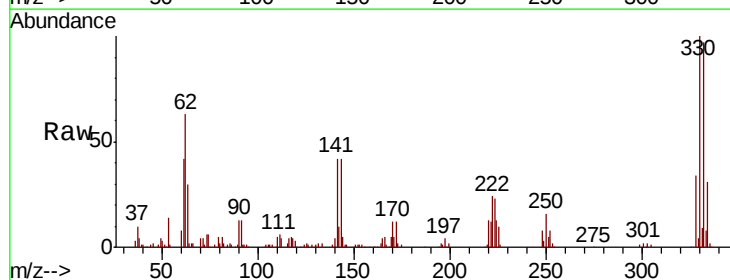
Tgt Ion:169 Resp: 6262

Ion Ratio Lower Upper

169 100

168 9.3 56.6 85.0#

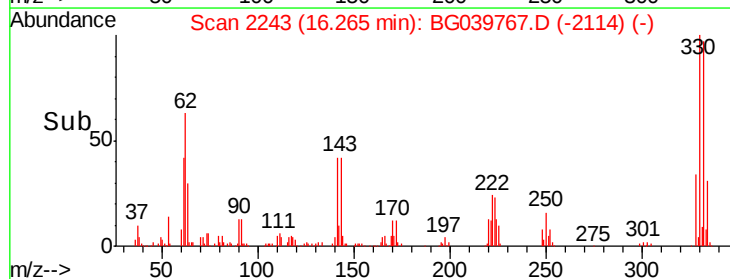
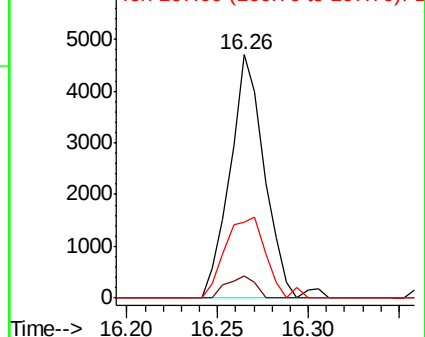
167 31.1 28.8 43.2

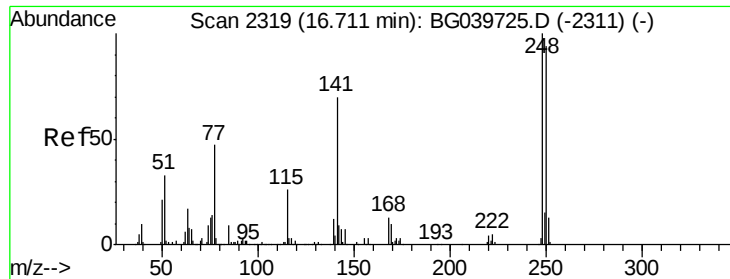


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

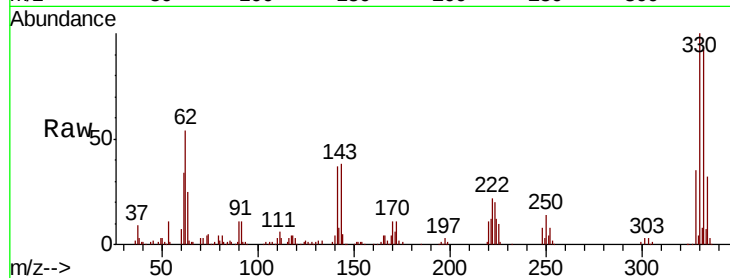




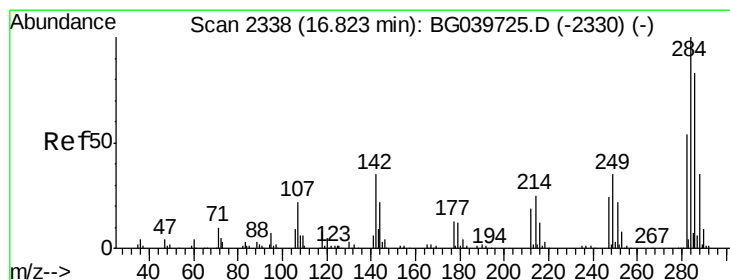
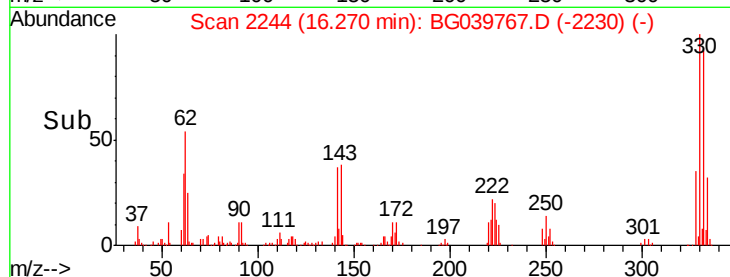
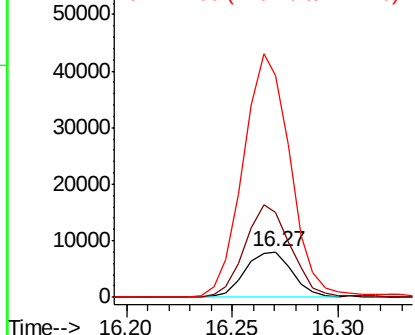
#67
 4-Bromophenyl-phenylether
 Concen: 3.796 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BL

Tgt Ion:248 Resp: 12431
 Ion Ratio Lower Upper
 248 100
 250 187.2 77.6 116.4#
 141 491.2 63.9 95.9#

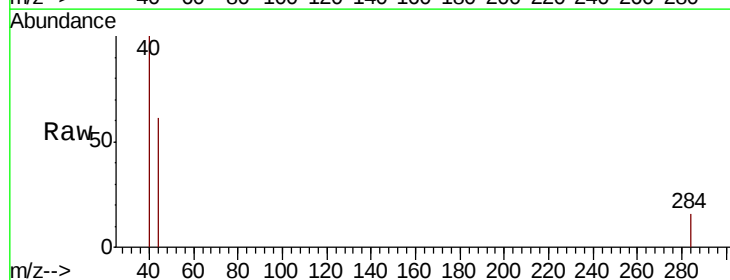


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

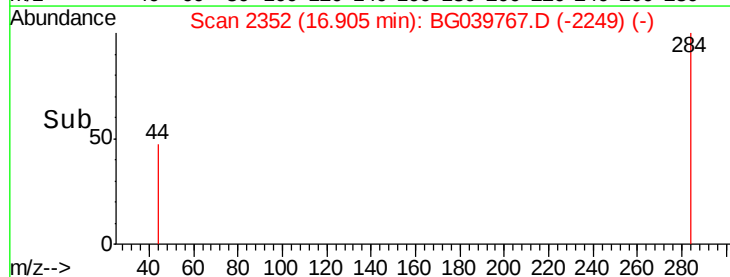
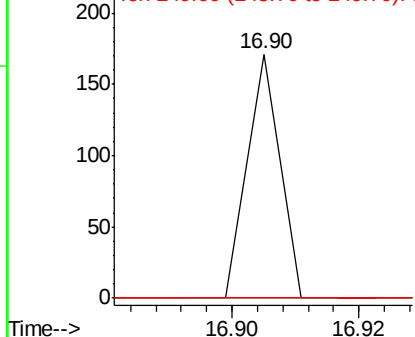


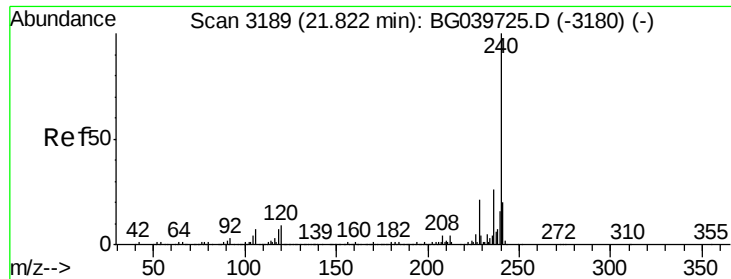
#68
 Hexachlorobenzene
 Concen: 0.018 ng
 RT: 16.90 min Scan# 2352
 Delta R.T. 0.08 min
 Lab File: BG039767.D
 Acq: 5 Mar 2019 16:46

Tgt Ion:284 Resp: 60
 Ion Ratio Lower Upper
 284 100
 142 0.0 30.6 45.8#
 249 0.0 28.2 42.2#



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

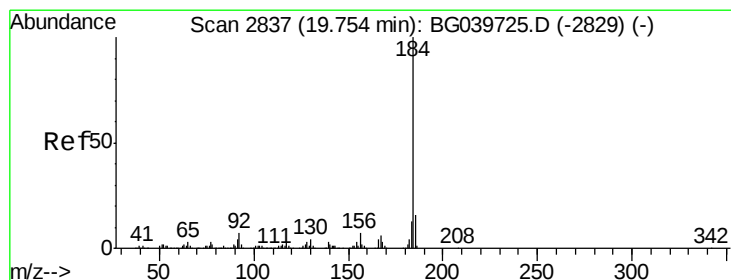
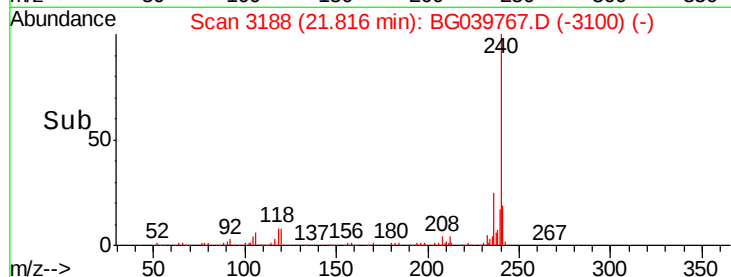
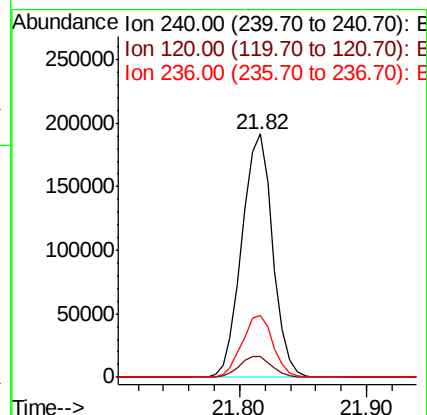
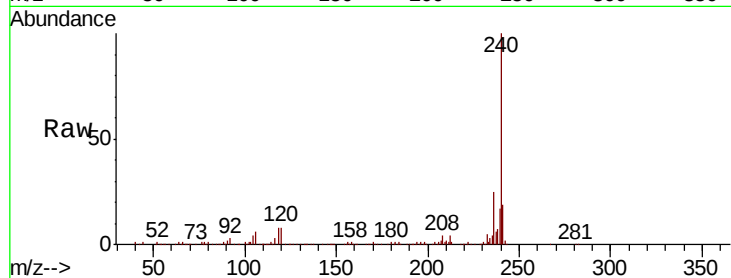




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

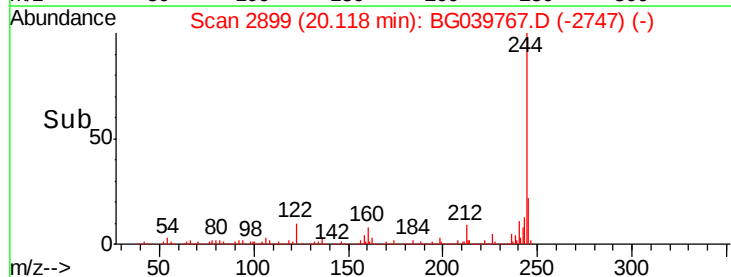
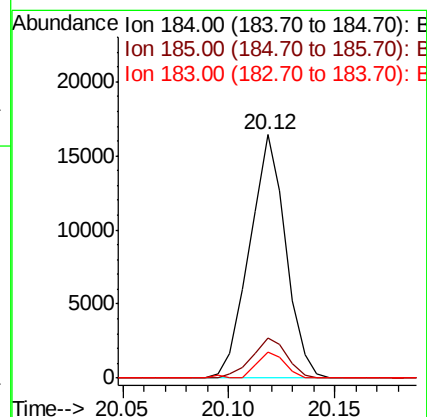
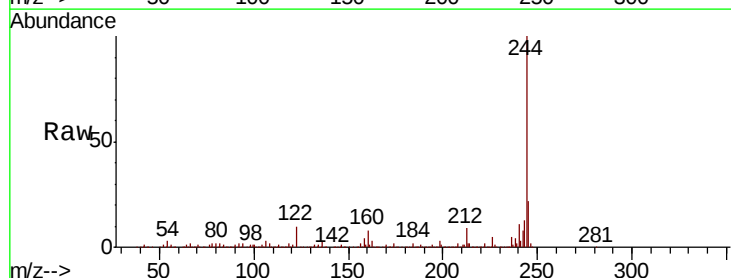
Instrument :
BNA_G
ClientSampleId :
PB117619BL

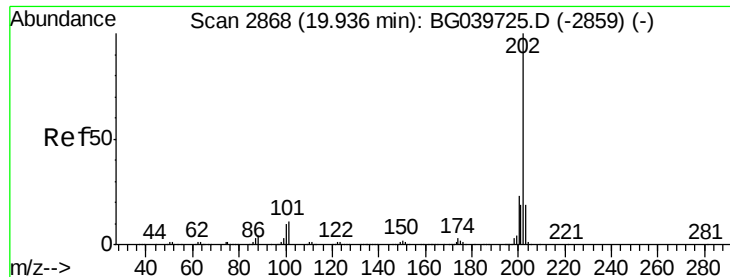
Tgt Ion:240 Resp: 322181
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.5 21.0 31.4



#77
Benzidine
Concen: 1.903 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

Tgt Ion:184 Resp: 19453
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 10.6 10.6 15.8





#78

Pyrene

Concen: 0.214 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

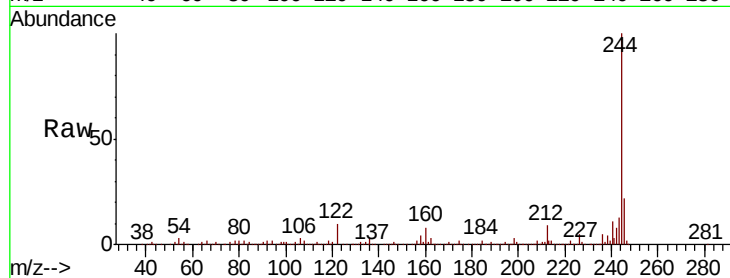
Tgt Ion:202 Resp: 4482

Ion Ratio Lower Upper

202 100

200 48.7 17.8 26.8#

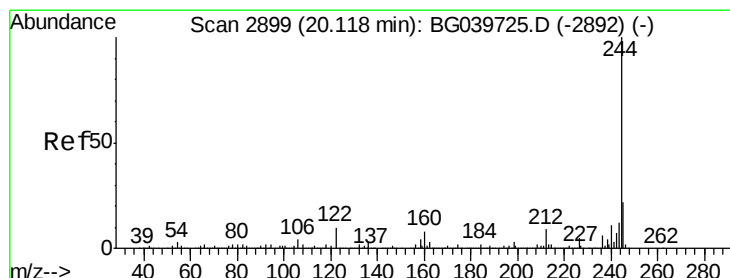
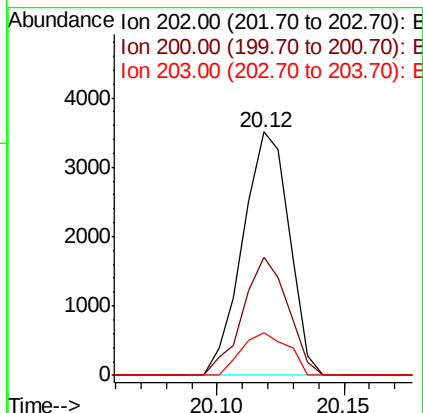
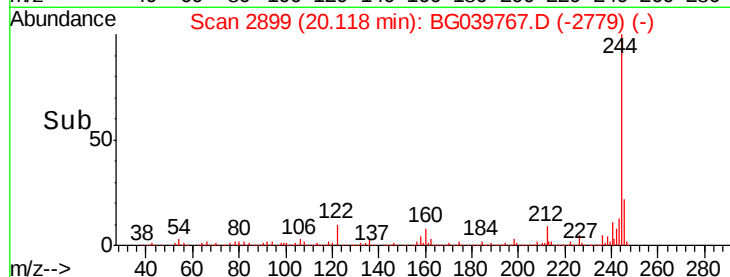
203 17.3 15.3 22.9



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: 79.485 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

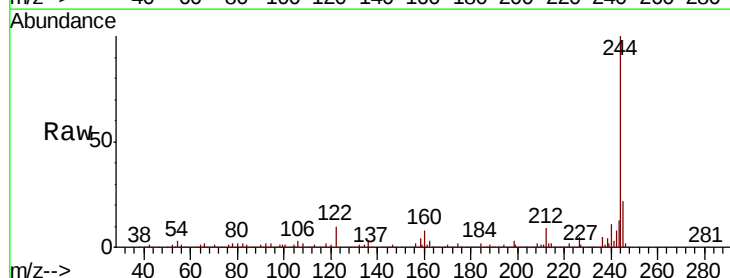
Tgt Ion:244 Resp: 1163078

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

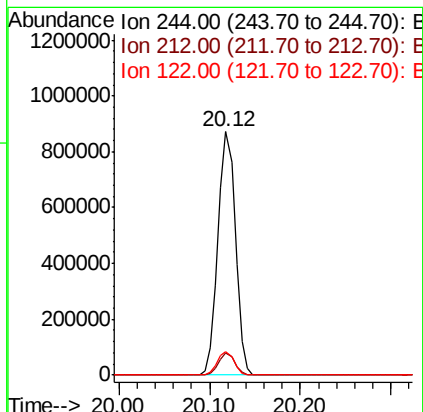
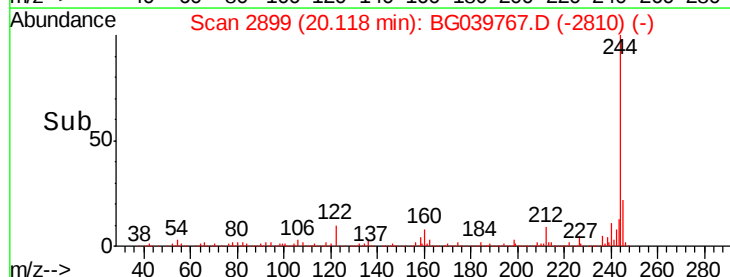
122 9.8 8.4 12.6

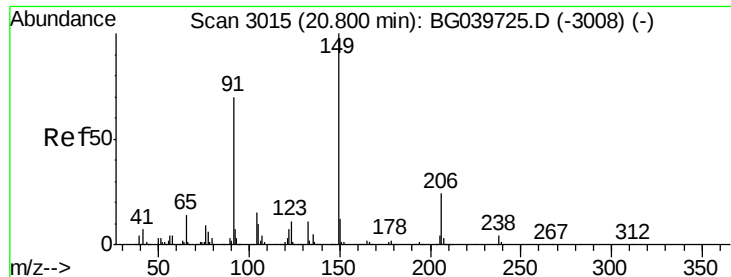


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.99 min Scan# 3048

Delta R.T. 0.19 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

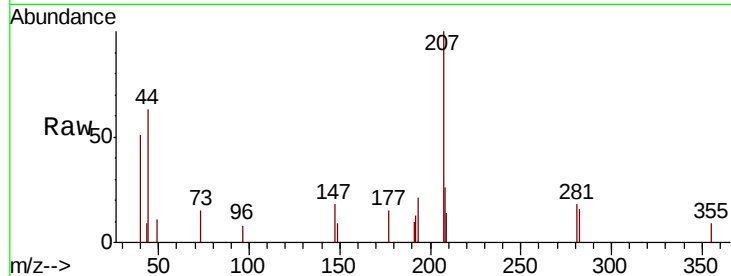
Instrument :

BNA_G

ClientSampleId :

PB117619BL

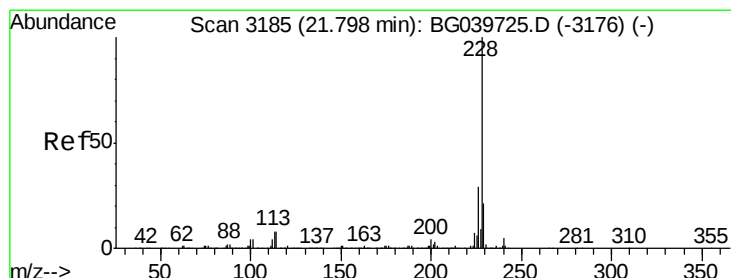
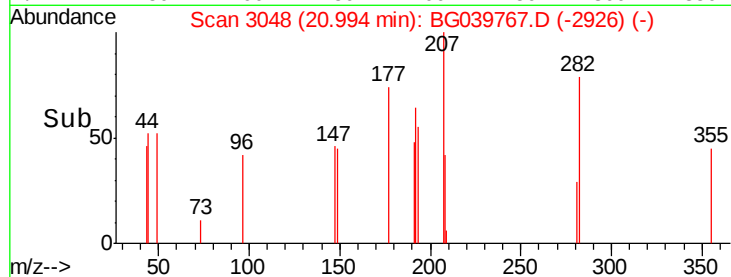
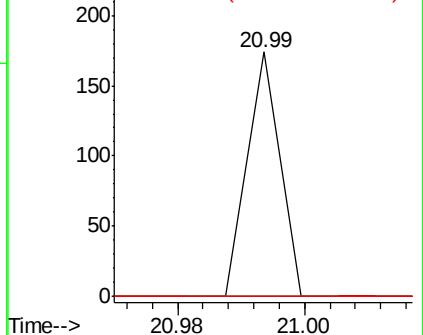
Tgt Ion:	149	Resp:	61
Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG039767.D (-2926) (-)

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.040 ng

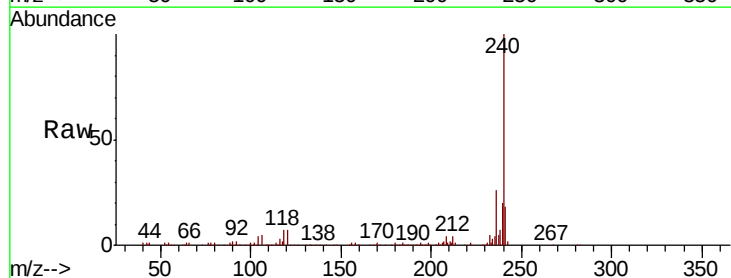
RT: 21.82 min Scan# 3189

Delta R.T. 0.02 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

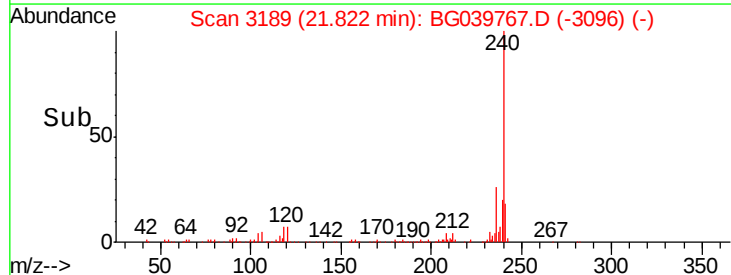
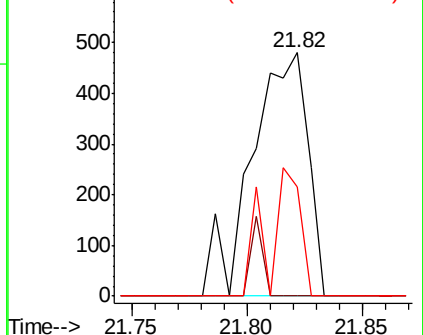
Tgt Ion:	228	Resp:	809
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	44.8	16.9	25.3#

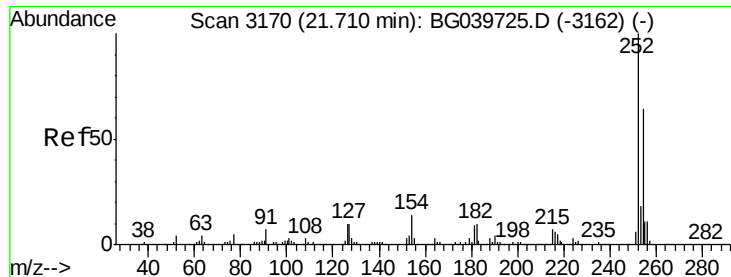


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.19 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

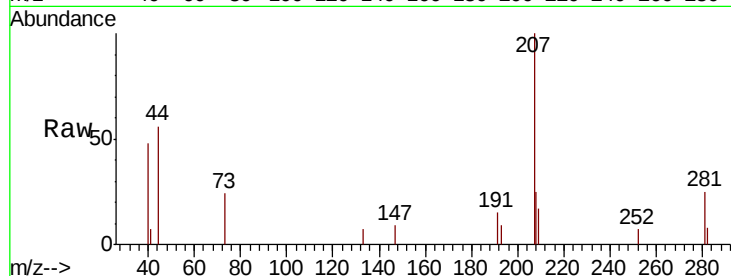
Instrument :

BNA_G

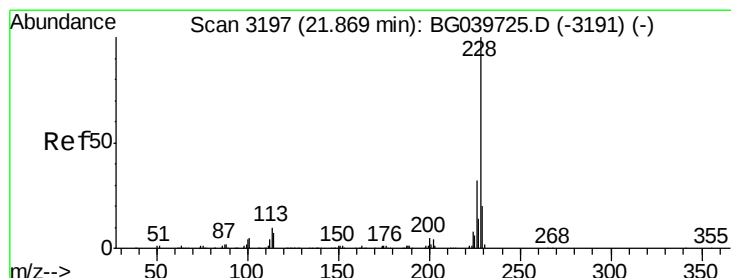
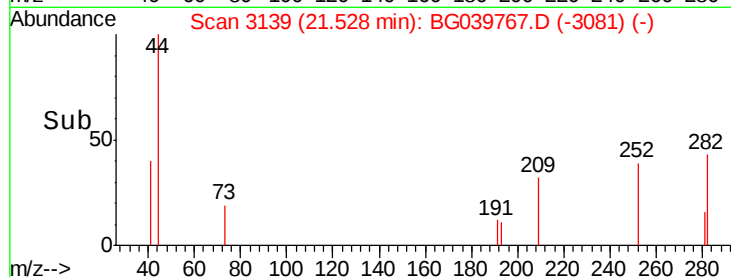
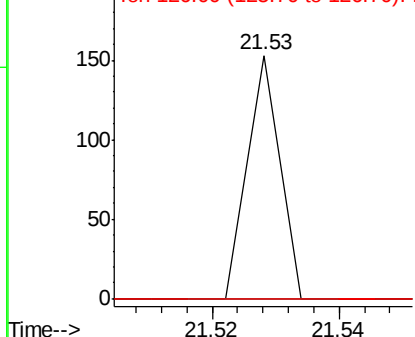
ClientSampleId :

PB117619BL

Tgt Ion:	252	Resp:	54
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: 0.041 ng

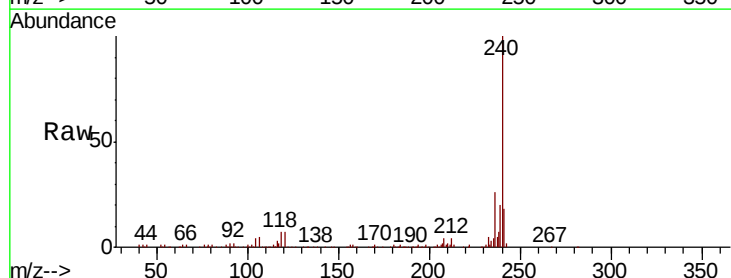
RT: 21.82 min Scan# 3189

Delta R.T. -0.05 min

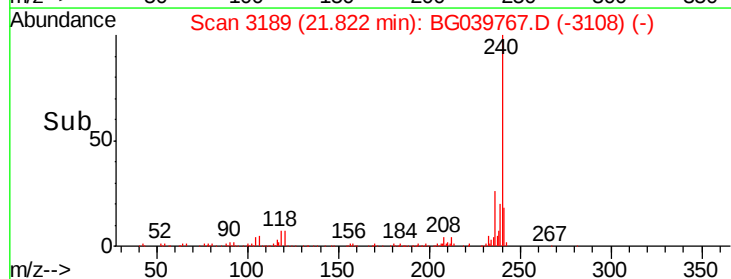
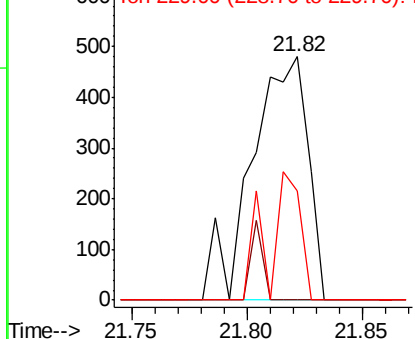
Lab File: BG039767.D

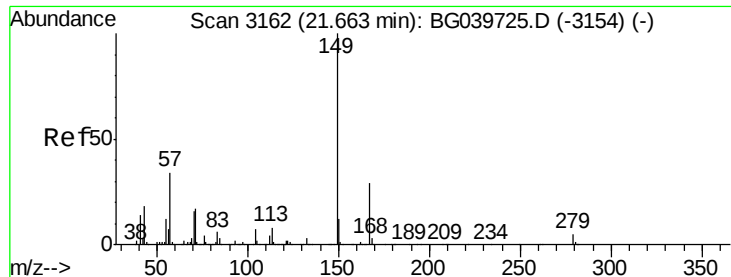
Acq: 5 Mar 2019 16:46

Tgt Ion:	228	Resp:	809
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	44.8	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: 0.010 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

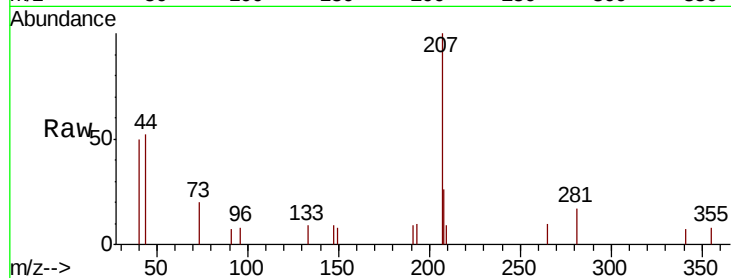
Tgt Ion:149 Resp: 116

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

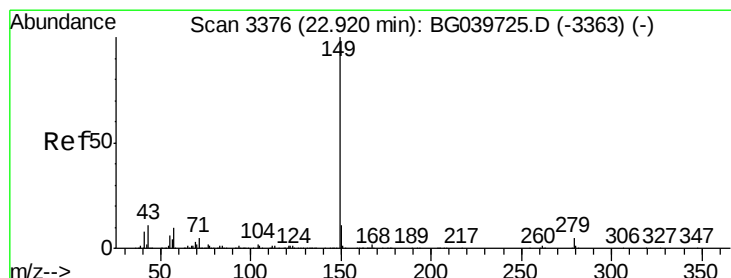
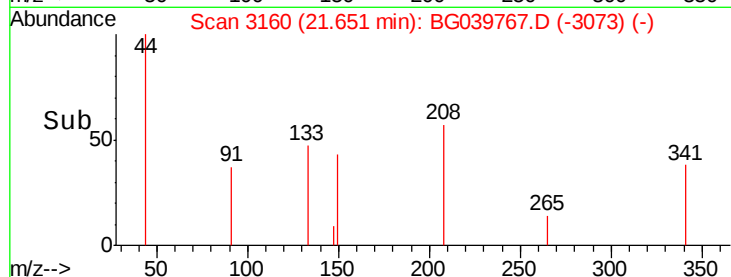
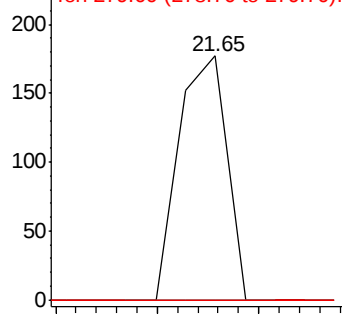
279 0.0 3.5 5.3#



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: 22.94 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

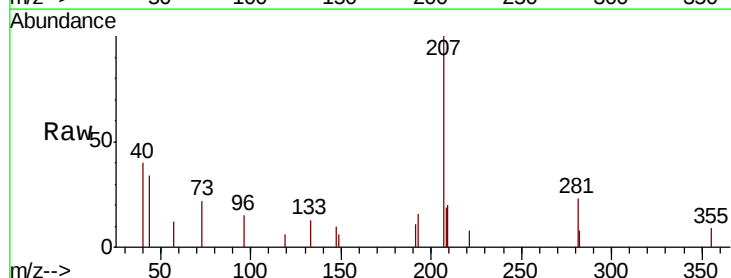
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

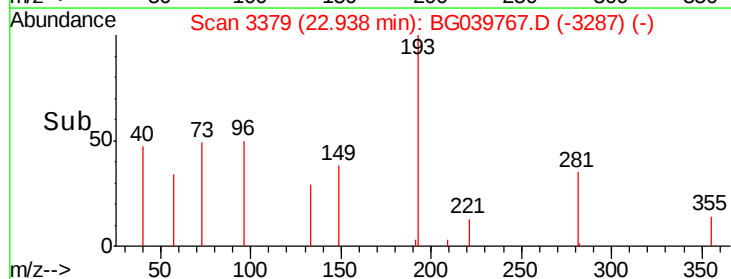
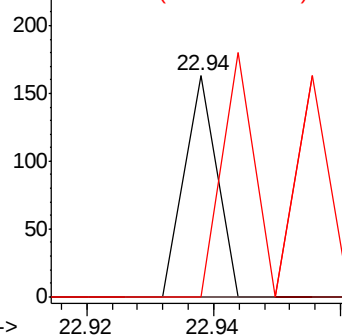
43 110.5 10.2 15.4#

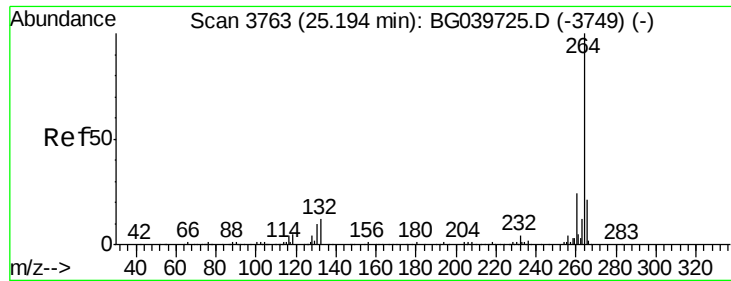


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



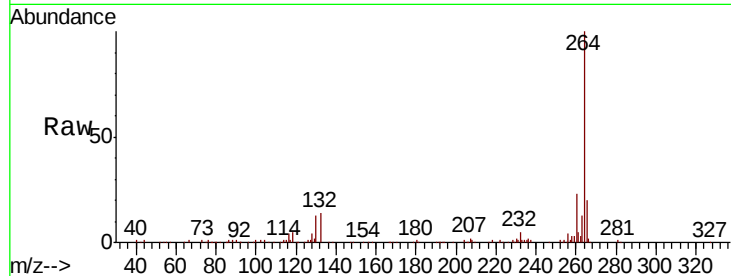


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

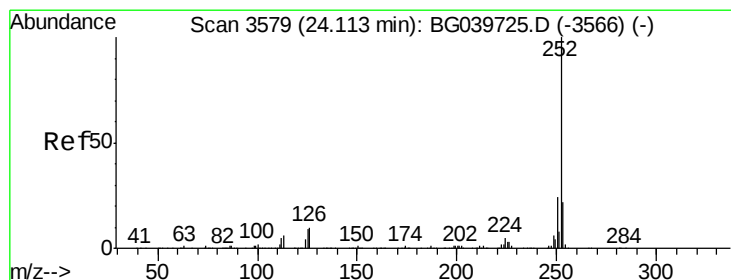
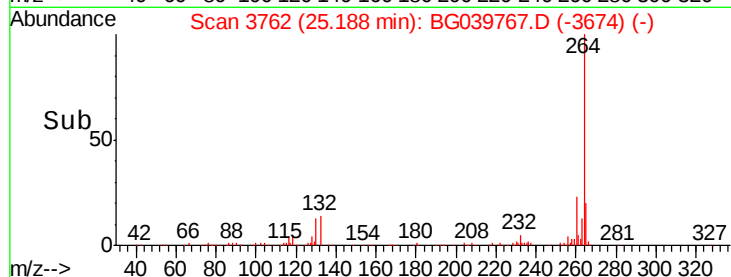
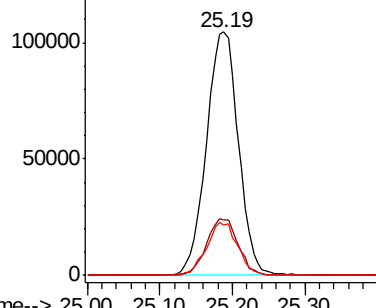
Instrument :
BNA_G
ClientSampleId :
PB117619BL

Tgt Ion: 264 Resp: 320266

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.5	18.5	27.7



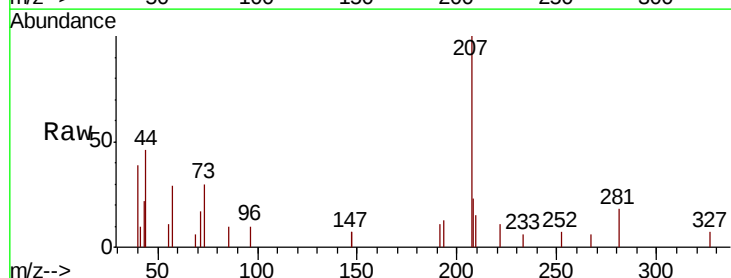
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



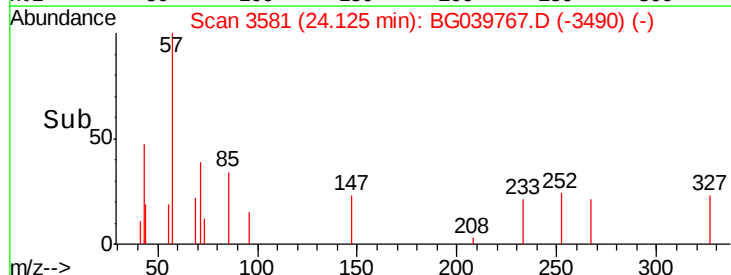
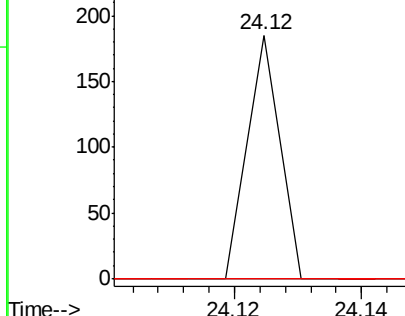
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.12 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BG039767.D
Acq: 5 Mar 2019 16:46

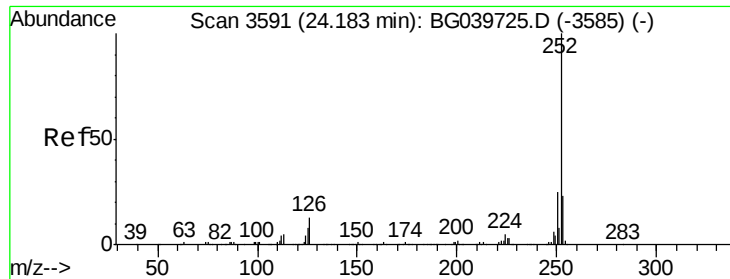
Tgt Ion: 252 Resp: 65

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: 0.004 ng

RT: 24.12 min Scan# 3581

Delta R.T. -0.07 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

Instrument :

BNA_G

ClientSampleId :

PB117619BL

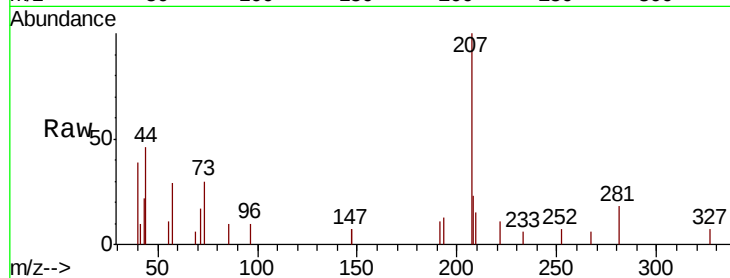
Tgt Ion: 252 Resp: 65

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 7.4 11.2#

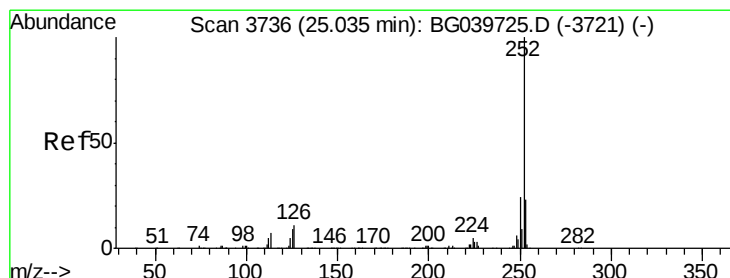
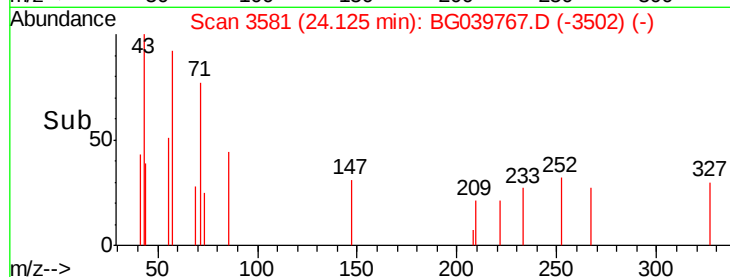
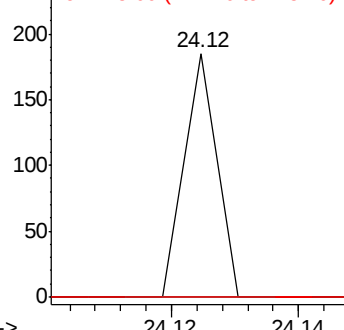


Abundance

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: 0.003 ng

RT: 24.98 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG039767.D

Acq: 5 Mar 2019 16:46

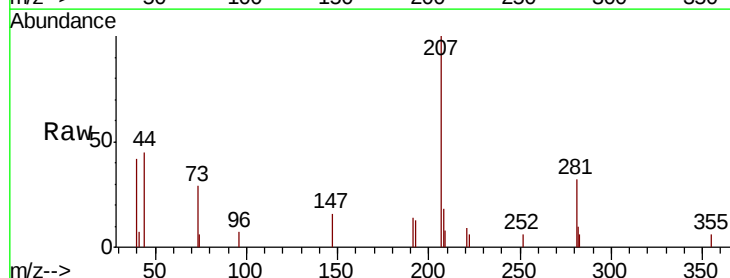
Tgt Ion: 252 Resp: 54

Ion Ratio Lower Upper

252 100

253 0.0 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

