

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039737.D
 Acq On : 4 Mar 2019 18:50
 Operator : JU/SJ
 Sample : PB117513BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BL

Quant Time: Mar 05 06:25:10 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	38872	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	165276	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	112825	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	296722	20.00	ng	0.00
76) Chrysene-d12	21.82	240	331610	20.00	ng	-0.01
87) Perylene-d12	25.19	264	326303	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	287817	126.32	ng	0.00
7) Phenol-d6	7.30	99	407138	119.84	ng	-0.01
23) Nitrobenzene-d5	9.33	82	232228	75.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	152082	115.65	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	608441	76.78	ng	-0.01
79) Terphenyl-d14	20.12	244	1116668	74.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	123	0.117	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	197	0.147	ng	# 1
6) Aniline	7.69	93	353	0.079	ng	# 1
8) 2-Chlorophenol	7.72	128	66	0.024	ng	# 49
9) Benzaldehyde	7.30	77	619	0.282	ng	# 4
10) Phenol	7.31	94	70	0.019	ng	# 1
11) bis(2-Chloroethyl)ether	7.69	93	353	0.123	ng	# 1
15) Benzyl Alcohol	8.48	79	3552	1.318	ng	# 55
19) n-Nitroso-di-n-propylamine	9.33	70	29547	12.083	ng	# 68
22) Acetophenone	8.49	105	102	0.023	ng	# 1
24) Nitrobenzene	9.34	77	713	0.222	ng	# 41
33) 4-Chloroaniline	11.23	127	60	0.016	ng	# 43
40) 1,2,4,5-Tetrachlorobenzene	13.43	216	60	0.016	ng	# 26
46) 1,1'-Biphenyl	13.62	154	1033	0.111	ng	# 72
48) 2-Nitroaniline	13.40	65	1002	0.447	ng	# 2
51) 2,6-Dinitrotoluene	14.78	165	14658	7.329	ng	# 22
52) Acenaphthene	14.79	154	520	0.075	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	14658	5.216	ng	# 17
58) Fluorene	16.27	166	6812	0.766	ng	# 92
63) Azobenzene	16.26	77	613	0.072	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.27	198	565	0.322	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	6361	0.740	ng	# 46
67) 4-Bromophenyl-phenylether	16.27	248	12277	3.696	ng	# 1
73) Carbazole	18.10	167	62	0.004	ng	# 57
77) Benzidine	20.12	184	18800	1.787	ng	# 93
78) Pyrene	20.12	202	4310	0.200	ng	# 76
80) Butylbenzylphthalate	20.87	149	55	0.007	ng	# 22
81) Benzo(a)anthracene	21.82	228	993	0.048	ng	# 54
82) 3,3'-Dichlorobenzidine	21.73	252	61	0.008	ng	# 26
83) Chrysene	21.82	228	993	0.049	ng	# 51
84) Bis(2-ethylhexyl)phthalate	21.66	149	60	0.005	ng	# 52
85) Di-n-octyl phthalate	22.91	149	62	0.003	ng	# 71
88) Benzo(b)fluoranthene	24.17	252	71	0.004	ng	# 60
89) Benzo(k)fluoranthene	24.17	252	71	0.004	ng	# 59

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

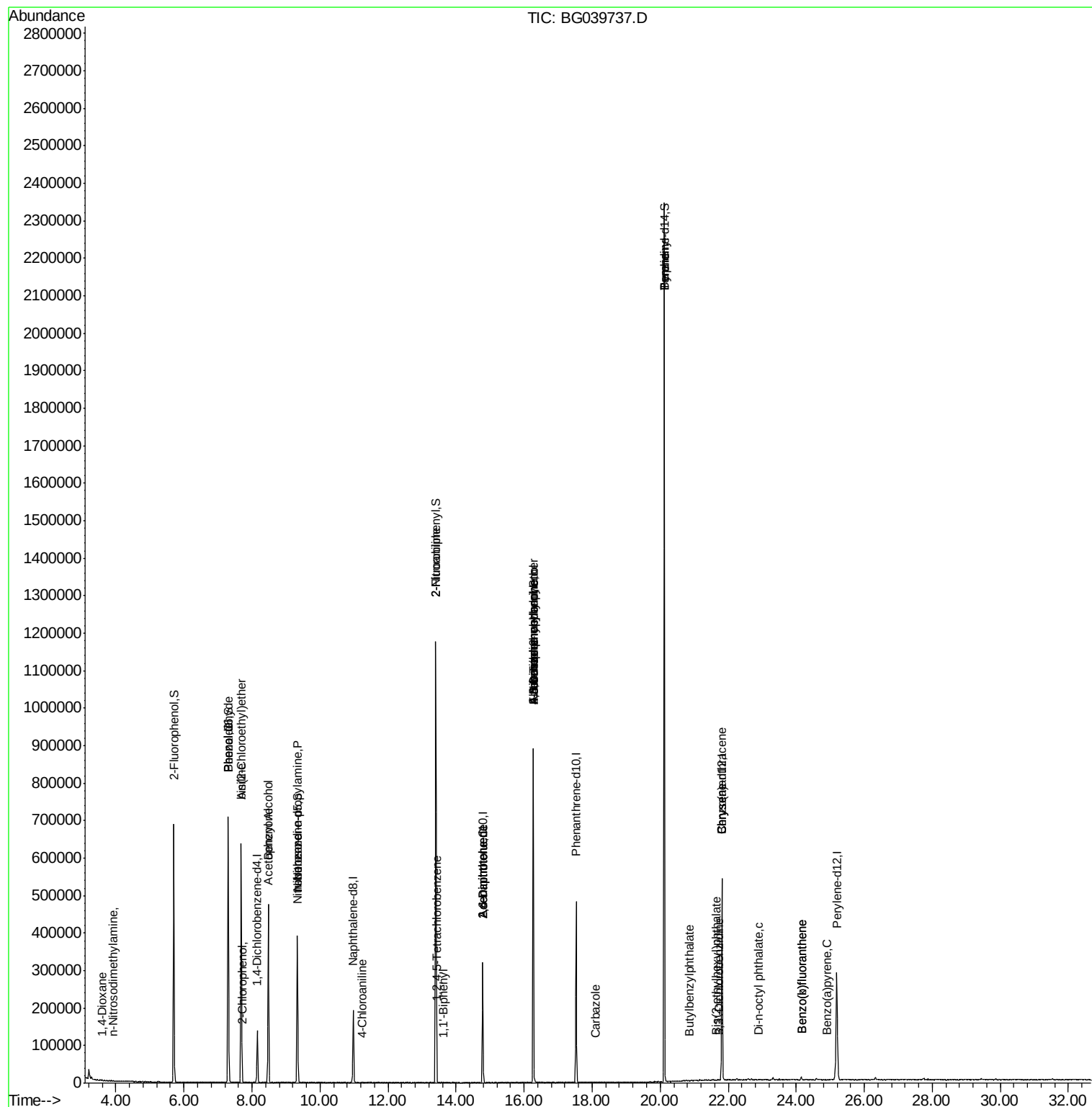
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	24.89	252	71	0.004	ng #	59

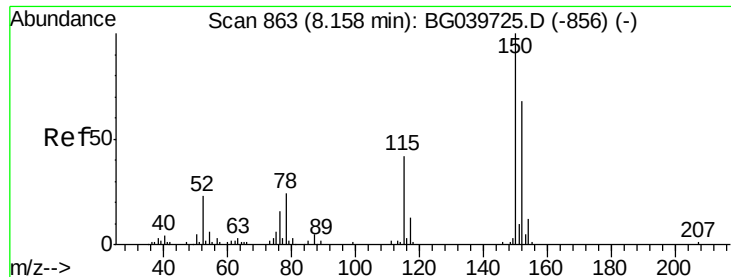
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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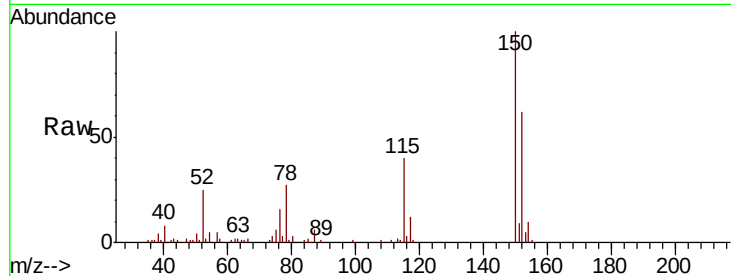


#1

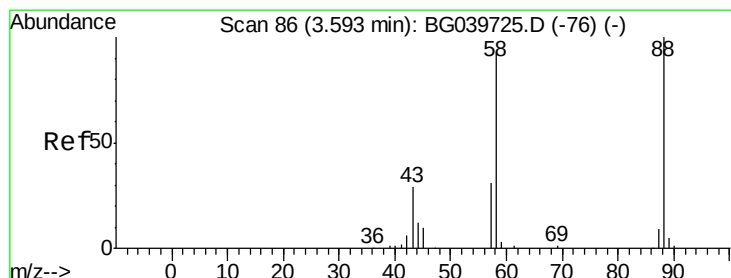
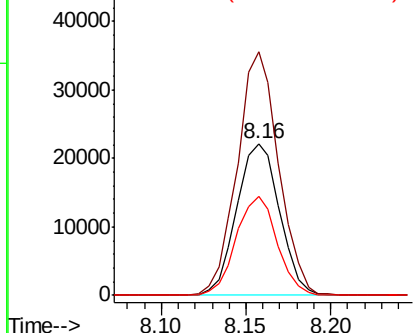
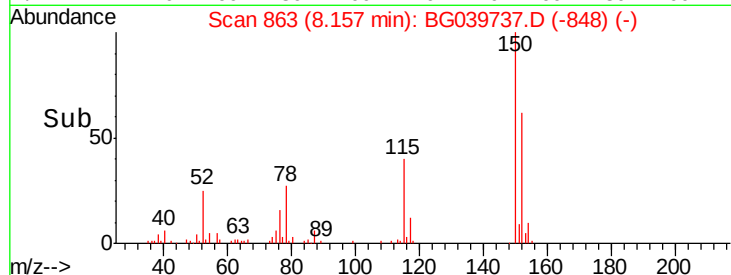
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB117513BL

Tgt Ion:152 Resp: 38872
Ion Ratio Lower Upper
152 100
150 160.6 123.7 185.5
115 65.0 45.9 68.9



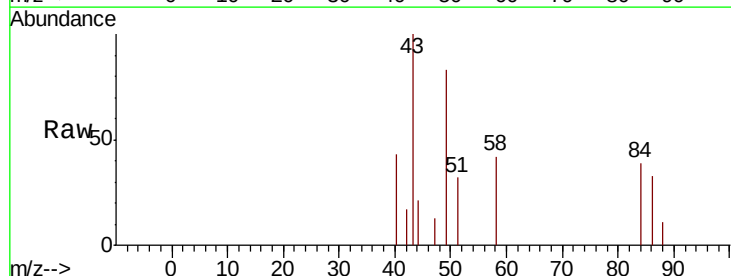
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



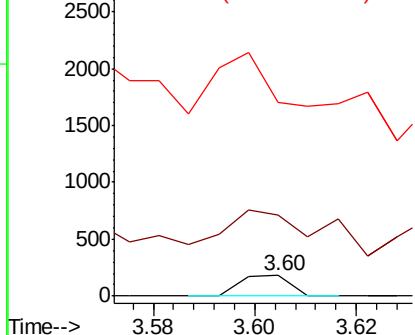
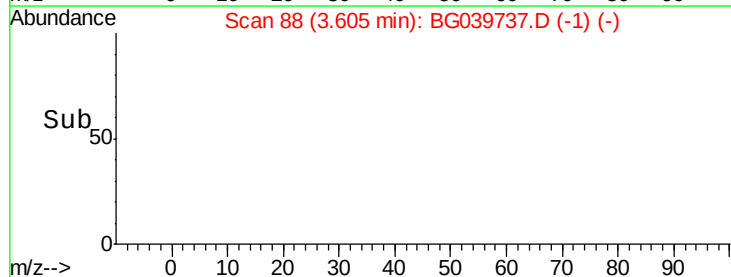
#2

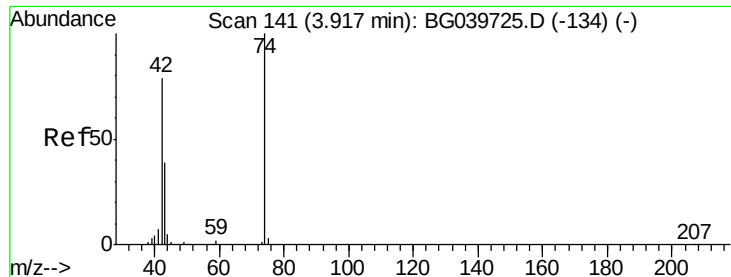
1,4-Dioxane
Concen: 0.117 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.00 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
58 416.3 81.1 121.7#
43 802.4 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



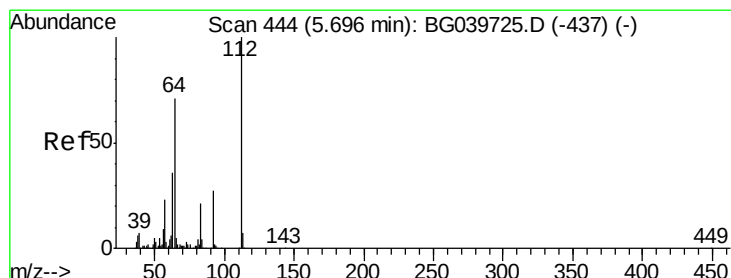
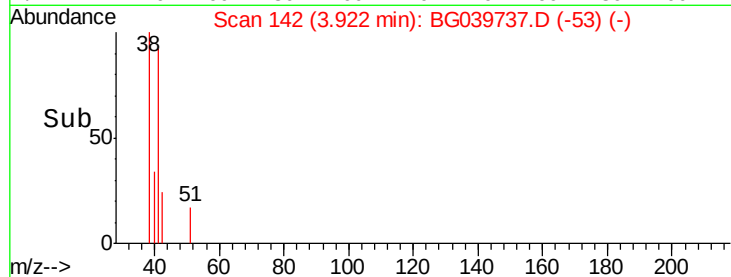
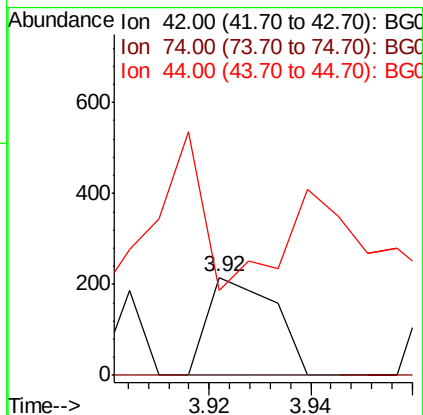
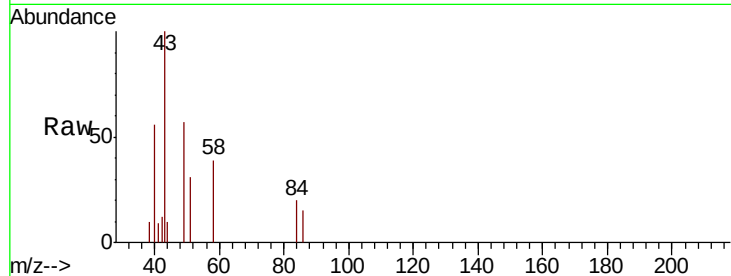


#4

n-Nitrosodimethylamine
 Concen: 0.147 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BL

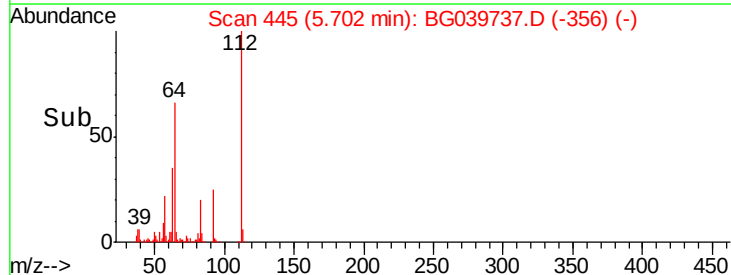
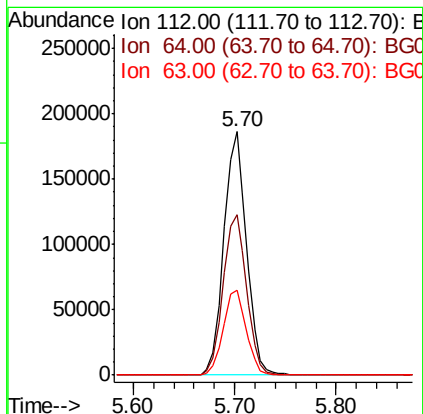
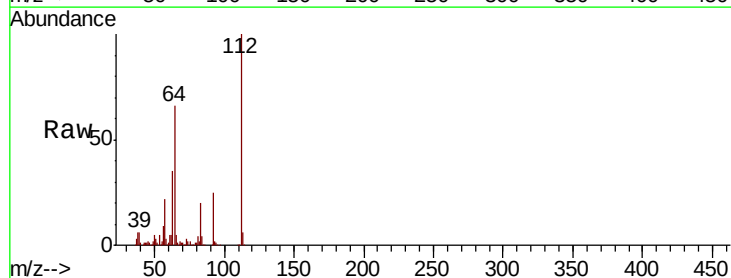
Tgt Ion: 42 Resp: 197
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 87.4 6.9 10.3#

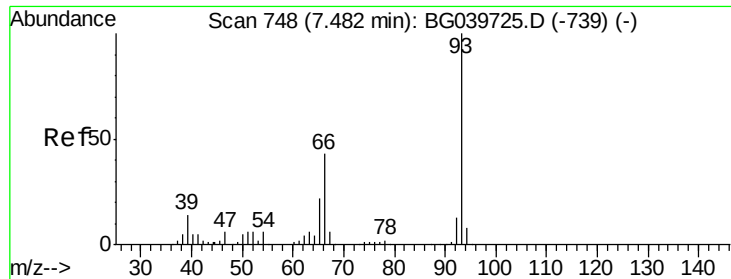


#5

2-Fluorophenol
 Concen: 126.317 ng
 RT: 5.70 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Tgt Ion: 112 Resp: 287817
 Ion Ratio Lower Upper
 112 100
 64 65.7 57.8 86.8
 63 34.8 29.8 44.6





#6

Aniline

Concen: 0.079 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.19 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

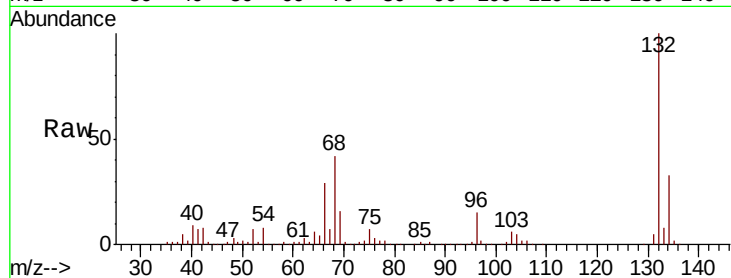
Tgt Ion: 93 Resp: 353

Ion Ratio Lower Upper

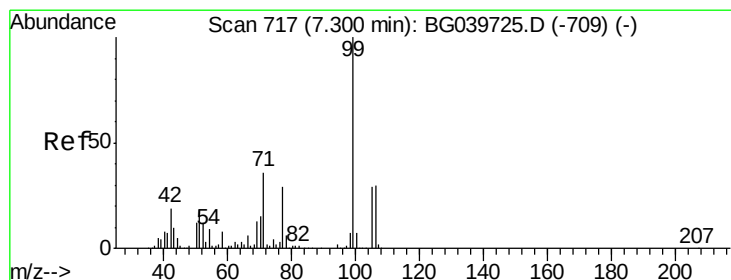
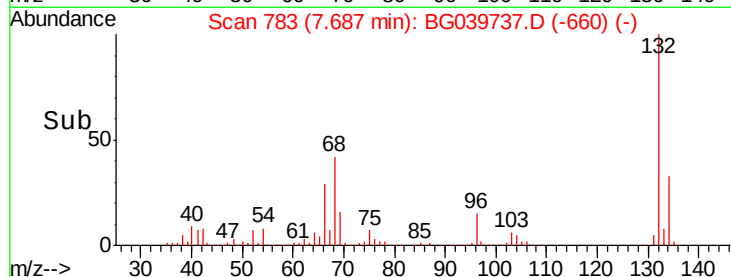
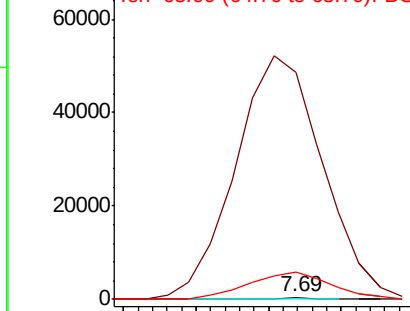
93 100

66 11479.2 34.2 51.4#

65 1392.2 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: 119.837 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

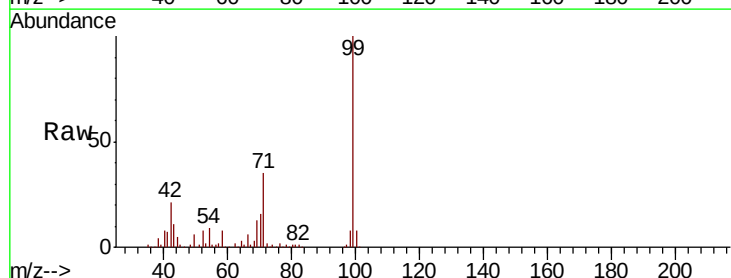
Tgt Ion: 99 Resp: 407138

Ion Ratio Lower Upper

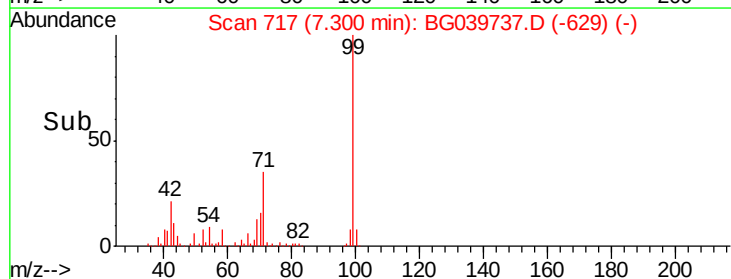
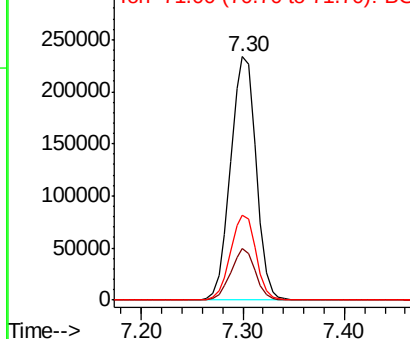
99 100

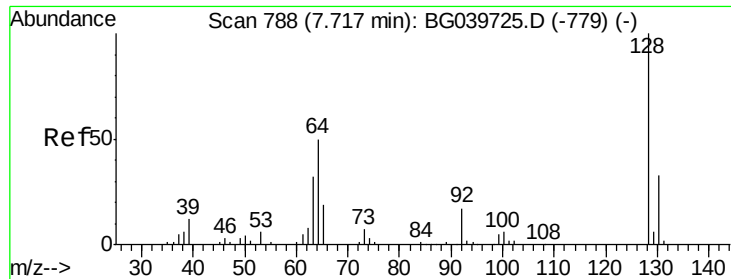
42 21.0 18.2 27.2

71 35.0 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: 0.024 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

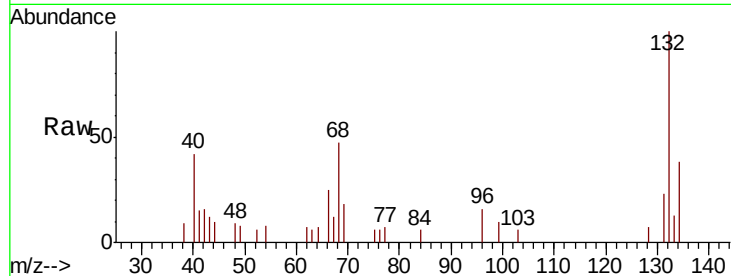
Tgt Ion:128 Resp: 66

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

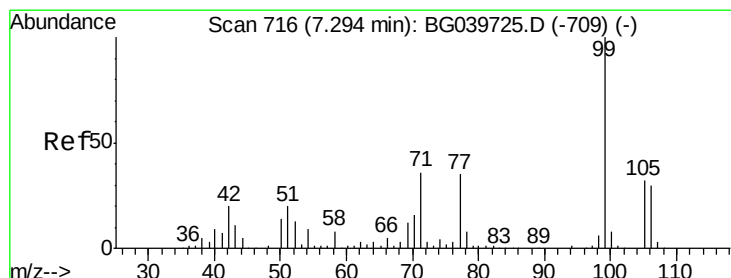
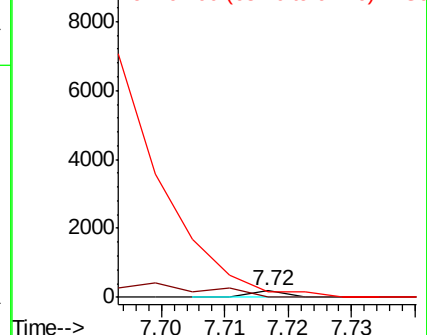
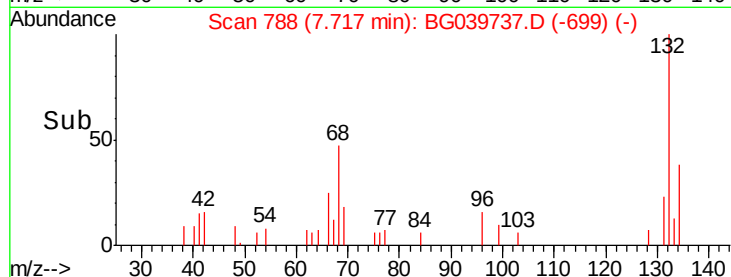
64 93.6 38.7 78.7#



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: 0.282 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

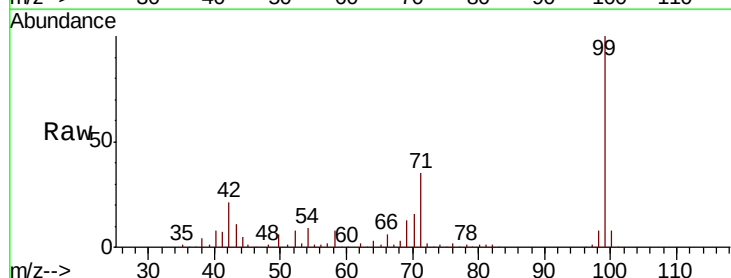
Tgt Ion: 77 Resp: 619

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

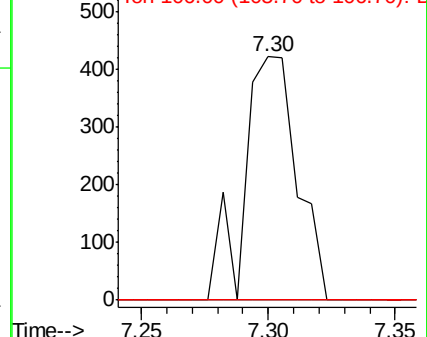
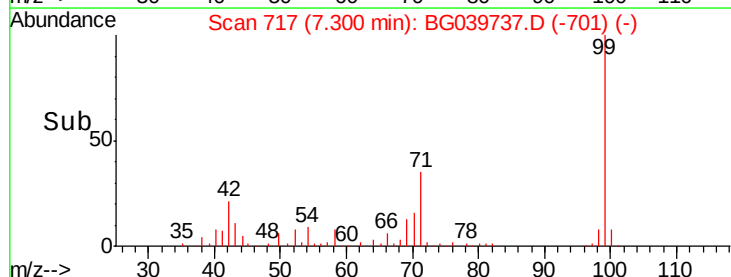
106 0.0 68.0 108.0#

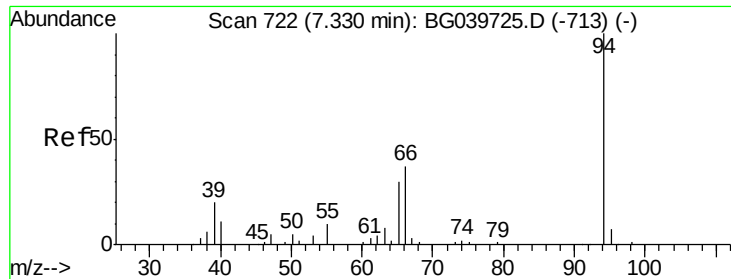


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.019 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.03 min

Lab File: BG039737.D

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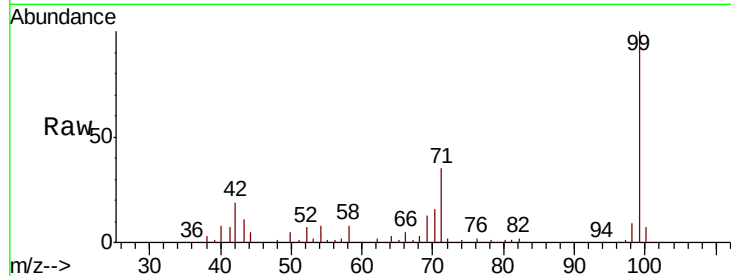
Tgt Ion: 94 Resp: 70

Ion Ratio Lower Upper

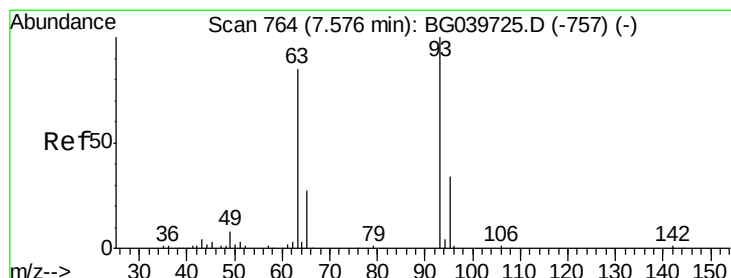
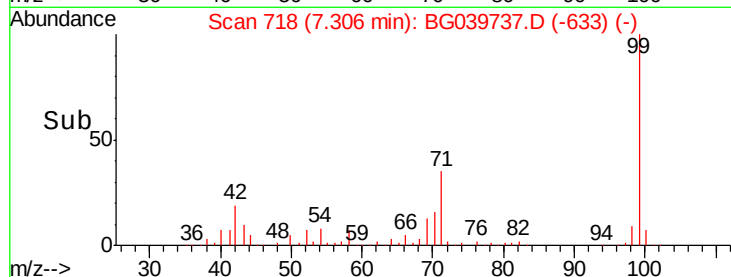
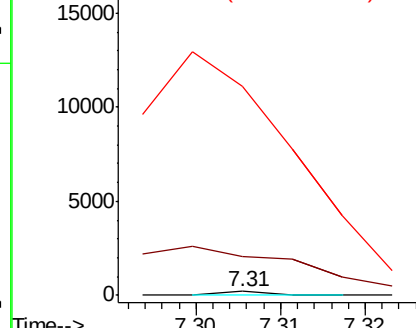
94 100

65 1026.6 11.7 51.7#

66 5576.9 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: 0.123 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.10 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

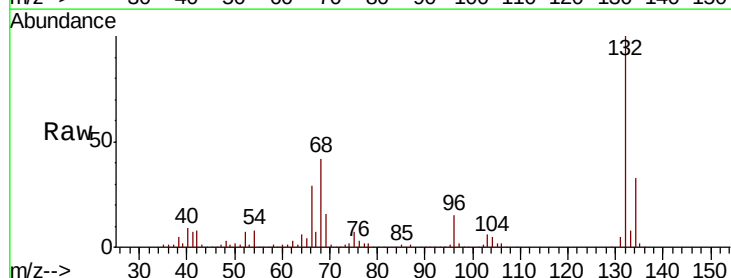
Tgt Ion: 93 Resp: 353

Ion Ratio Lower Upper

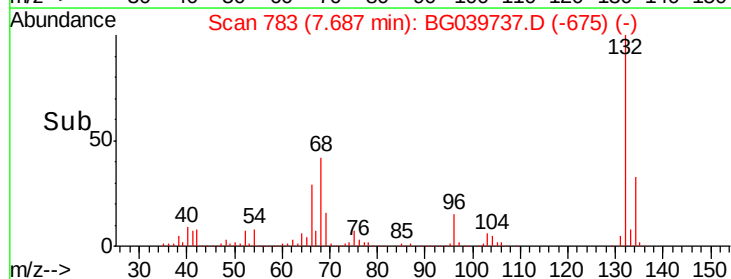
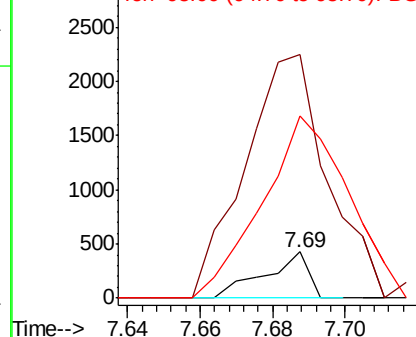
93 100

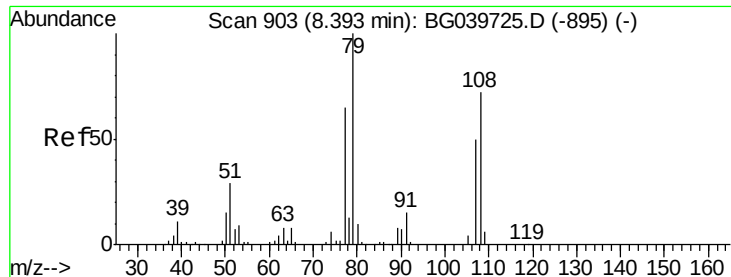
63 530.2 69.5 109.5#

95 396.7 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: 1.318 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.08 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

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PB117513BL

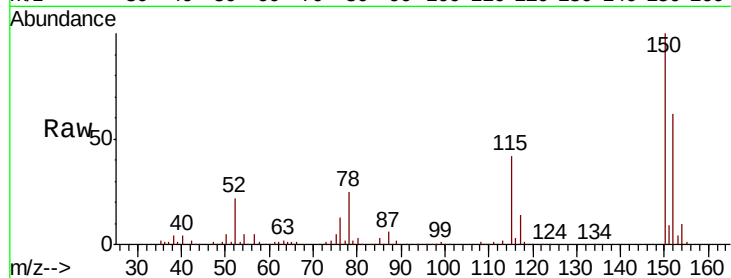
Tgt Ion: 79 Resp: 3552

Ion Ratio Lower Upper

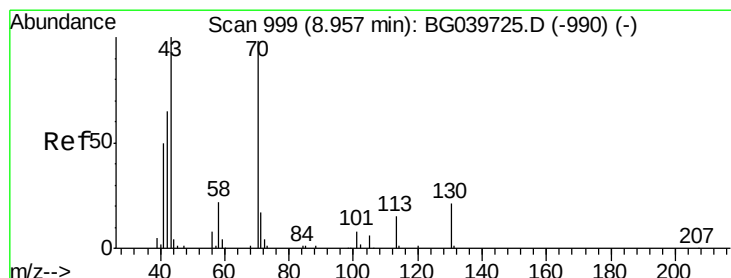
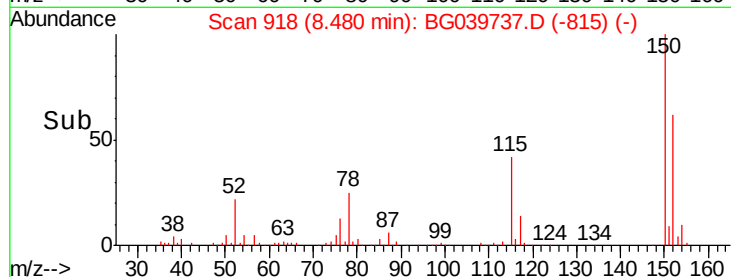
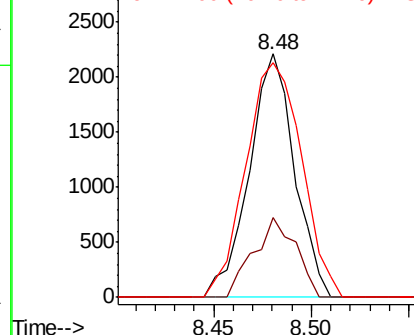
79 100

108 32.6 57.8 86.6#

77 96.5 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: 12.083 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Tgt Ion: 70 Resp: 29547

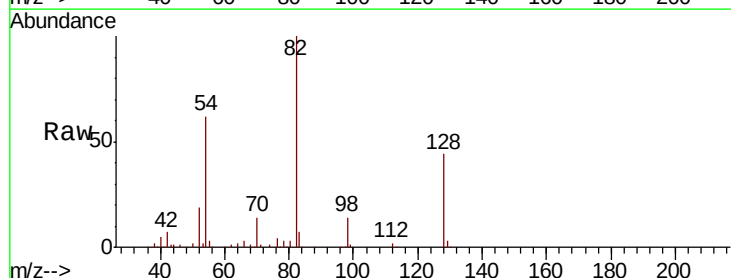
Ion Ratio Lower Upper

70 100

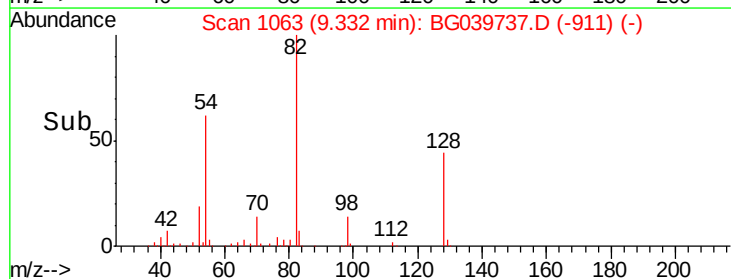
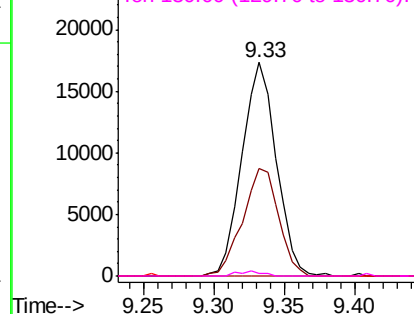
42 50.4 60.4 90.6#

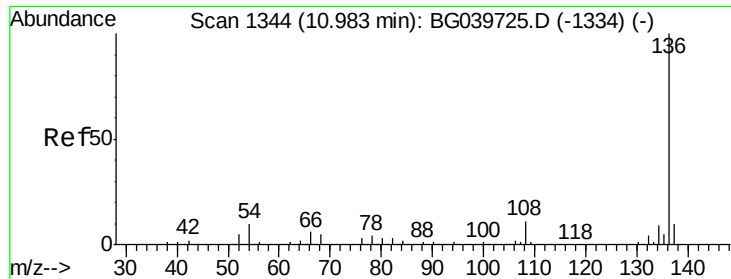
101 0.0 7.5 11.3#

130 1.3 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

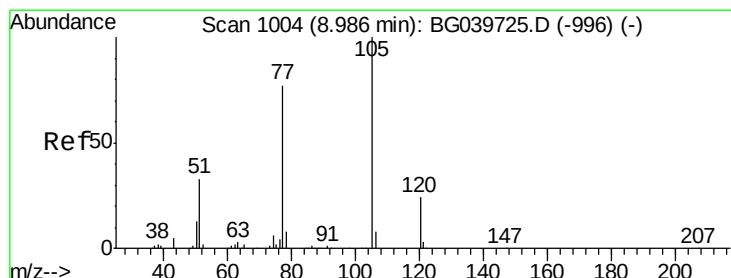
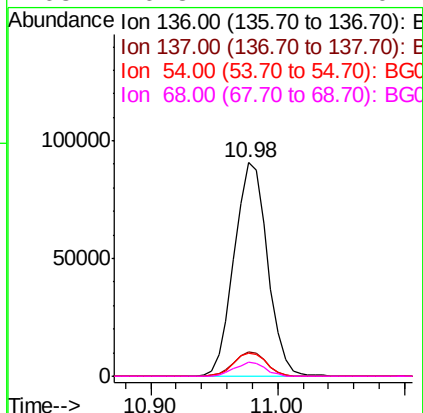
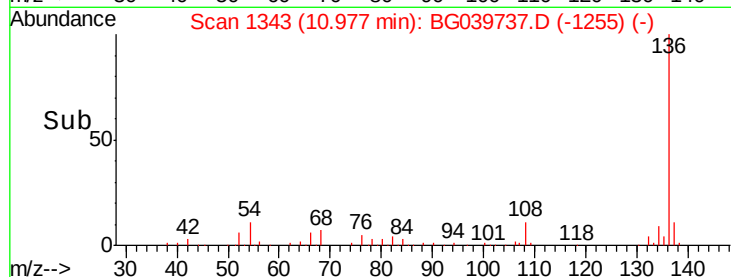
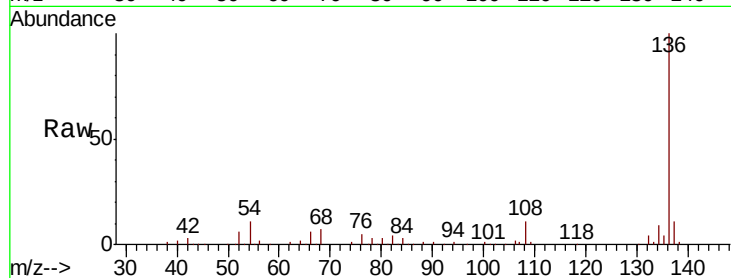




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

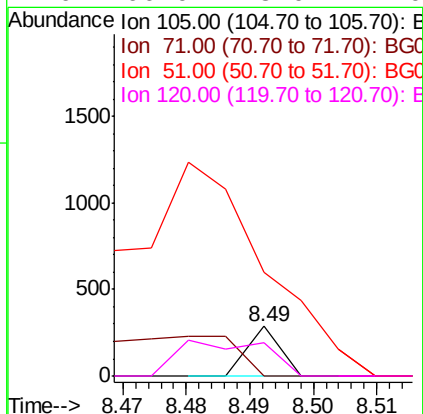
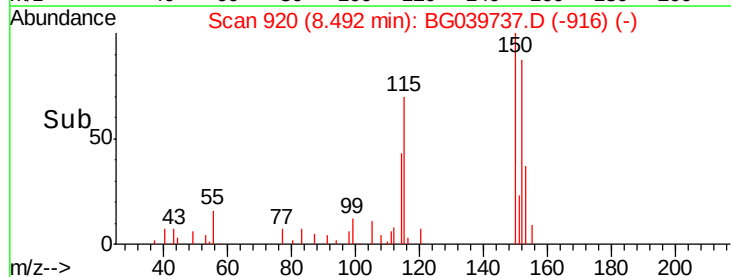
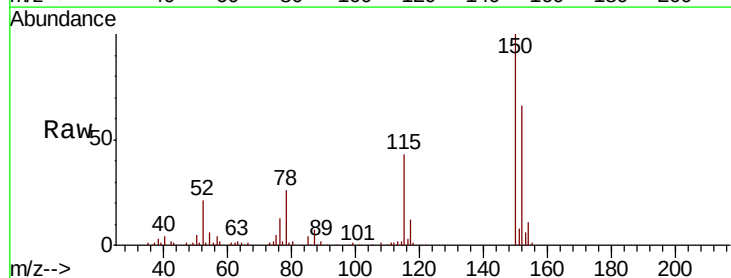
Instrument :
BNA_G
ClientSampleId :
PB117513BL

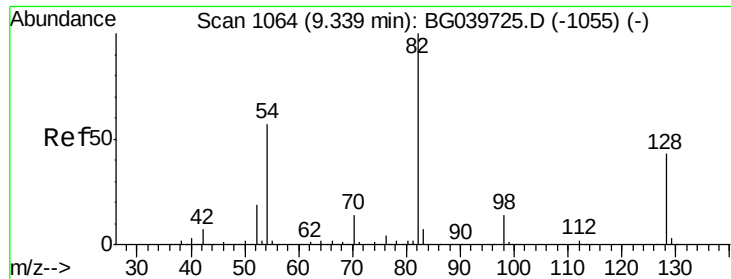
Tgt Ion:	136	Resp:	165276
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.1	9.4	14.2
68	6.8	4.2	6.4#



#22
Acetophenone
Concen: 0.023 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.51 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

Tgt Ion:	105	Resp:	102
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	206.9	30.2	45.2#
120	66.0	18.0	27.0#

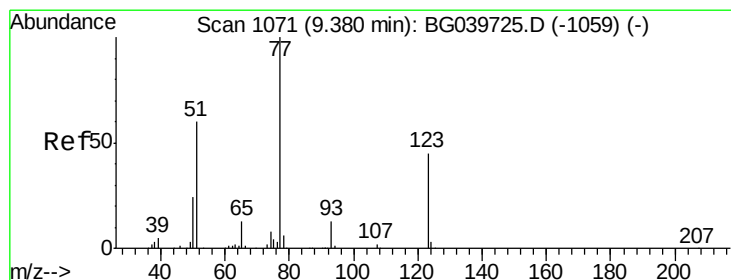
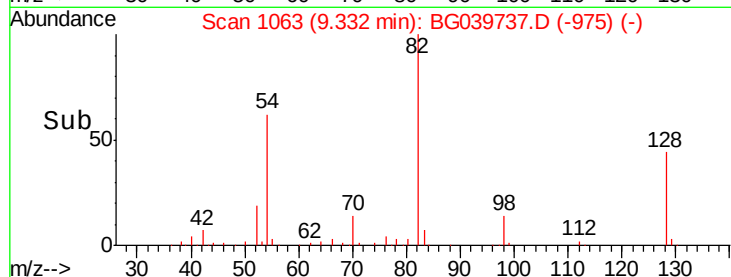
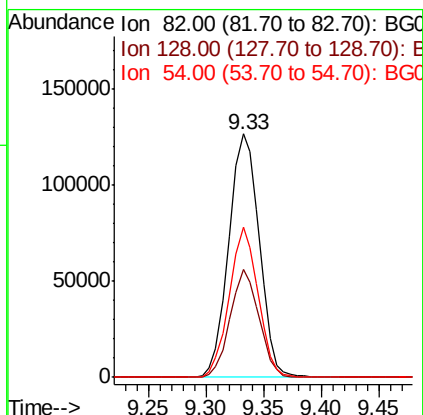
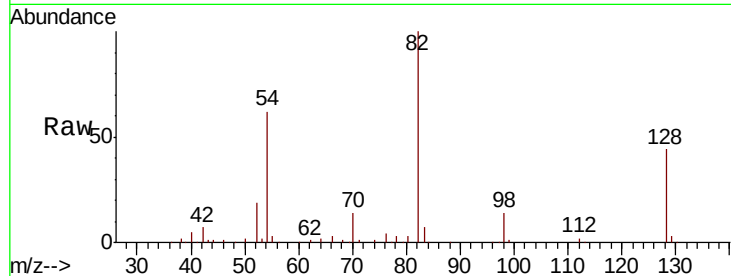




#23
 Nitrobenzene-d5
 Concen: 75.993 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

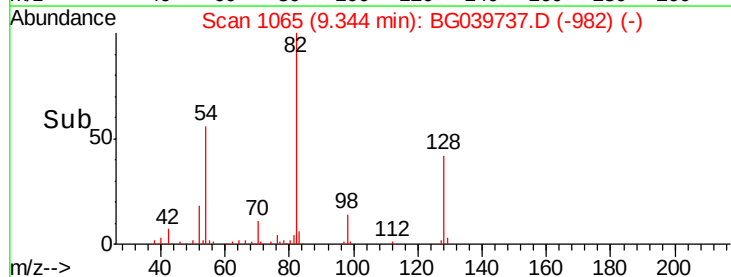
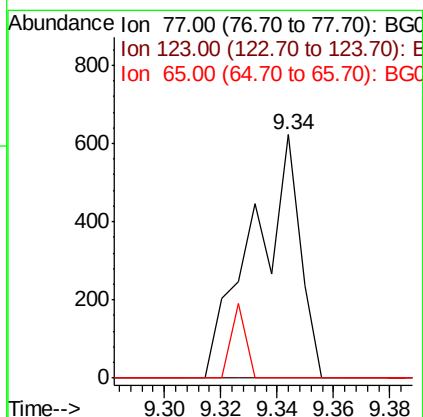
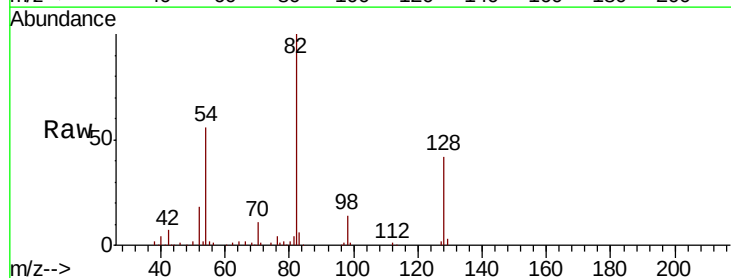
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BL

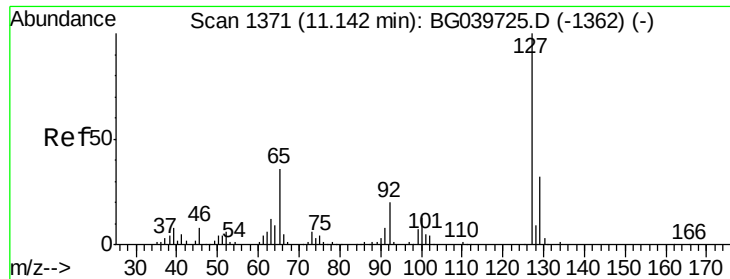
Tgt Ion: 82 Resp: 232228
 Ion Ratio Lower Upper
 82 100
 128 44.4 31.3 46.9
 54 61.8 50.9 76.3



#24
 Nitrobenzene
 Concen: 0.222 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.04 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Tgt Ion: 77 Resp: 713
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 0.0 12.3 18.5#

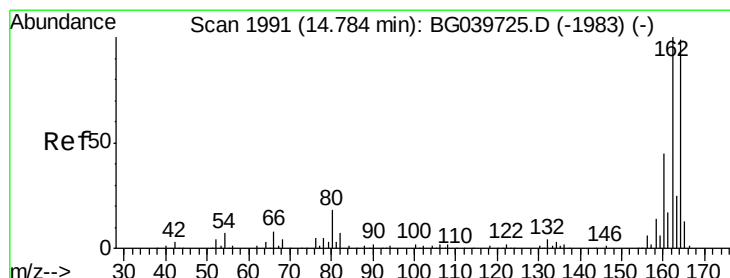
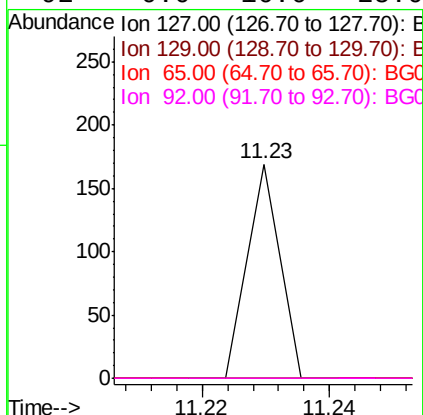
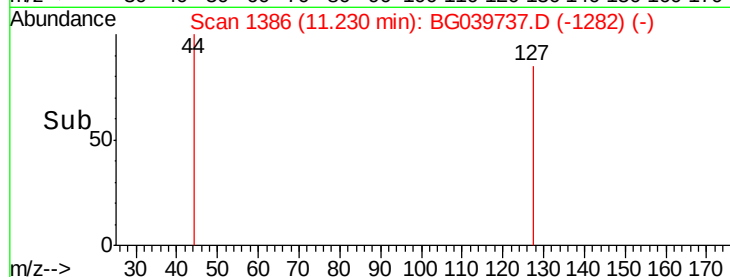
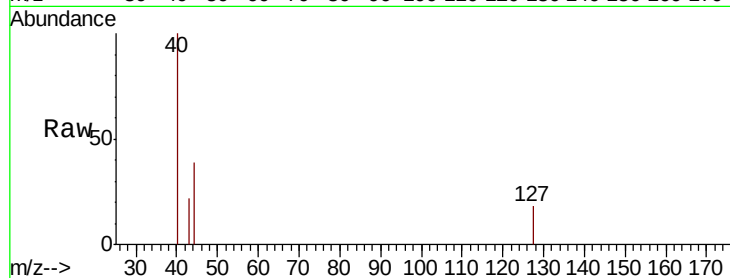




#33
4-Chloroaniline
Concen: 0.016 ng
RT: 11.23 min Scan# 1386
Delta R.T. 0.08 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

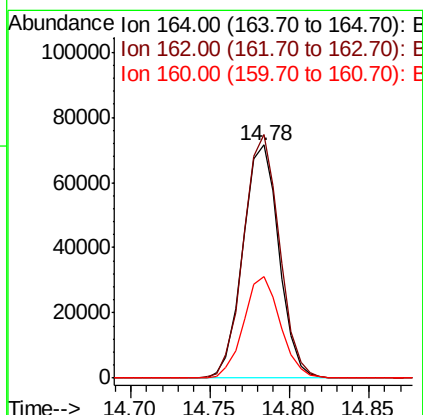
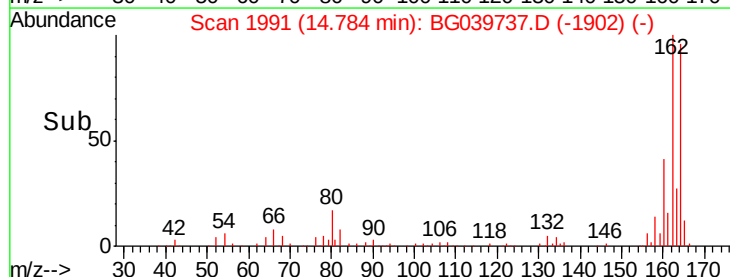
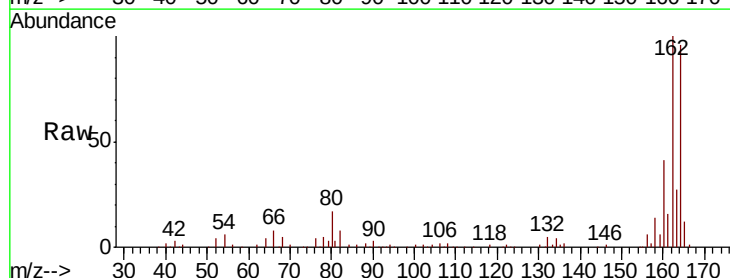
Instrument :
BNA_G
ClientSampleId :
PB117513BL

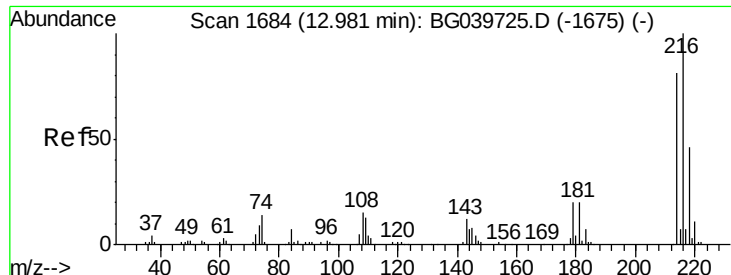
Tgt Ion:	127	Resp:	60
Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.0	40.4#
65	0.0	28.8	43.2#
92	0.0	16.6	25.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

Tgt Ion:	164	Resp:	112825
Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	43.3	34.2	51.2

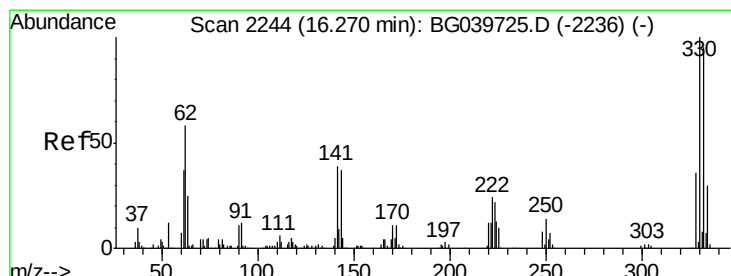
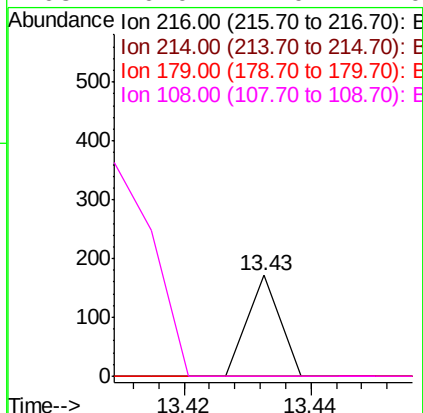
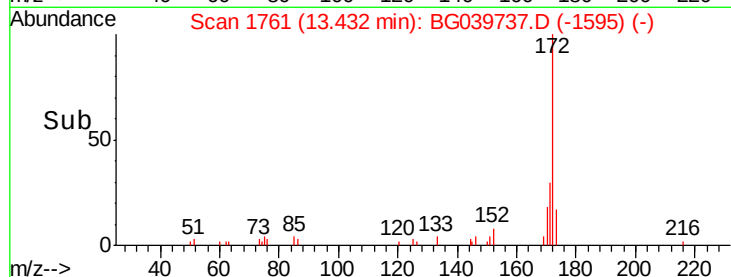
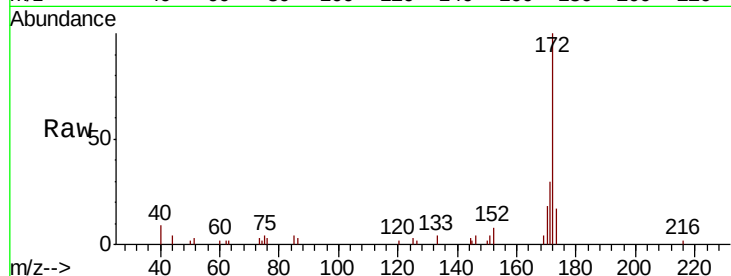




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.016 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. 0.45 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

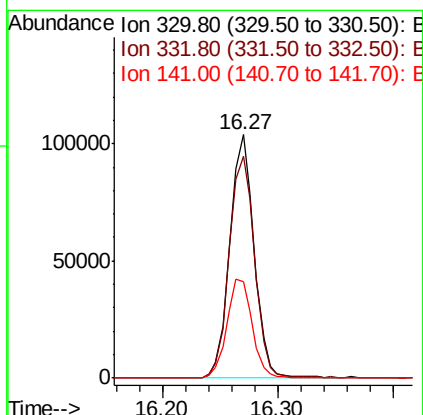
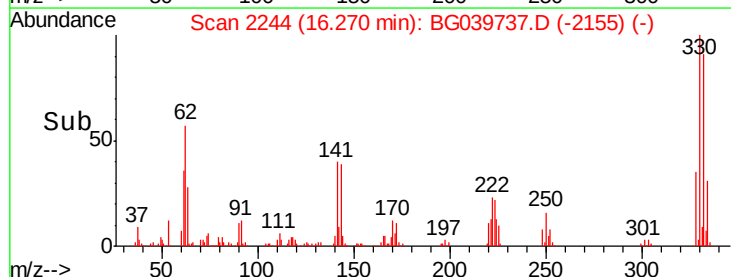
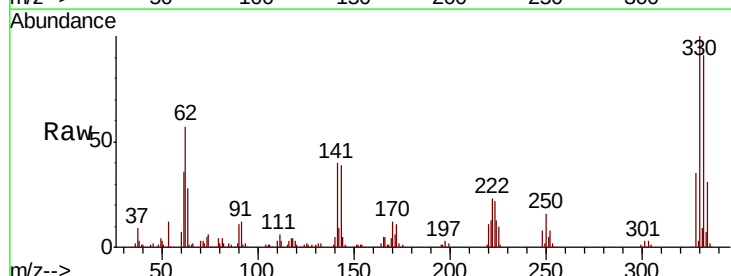
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BL

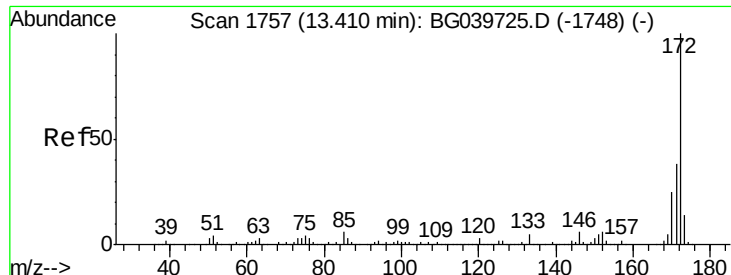
Tgt Ion:216 Resp: 60
 Ion Ratio Lower Upper
 216 100
 214 0.0 62.6 94.0#
 179 0.0 16.6 25.0#
 108 0.0 14.0 21.0#



#42
 2,4,6-Tribromophenol
 Concen: 115.647 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Tgt Ion:330 Resp: 152082
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 42.1 35.6 53.4

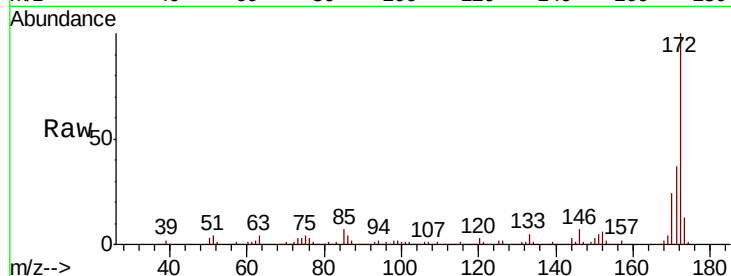




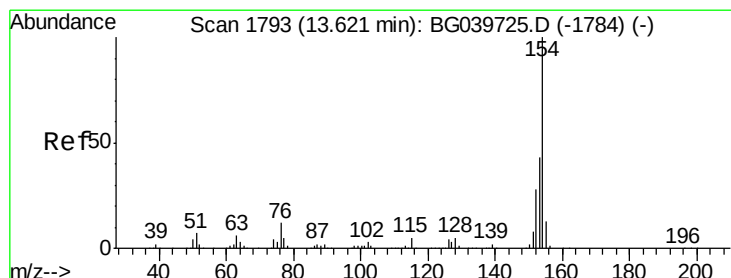
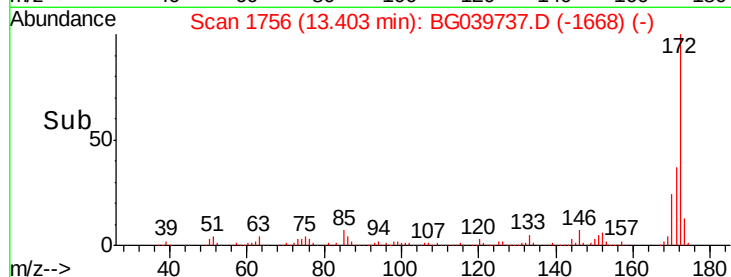
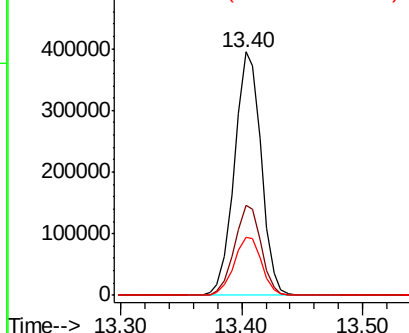
#45
 2-Fluorobiphenyl
 Concen: 76.784 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BL

Tgt Ion:172 Resp: 608441
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 23.9 20.2 30.4

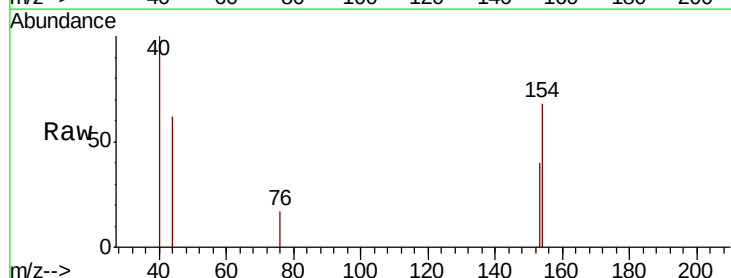


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

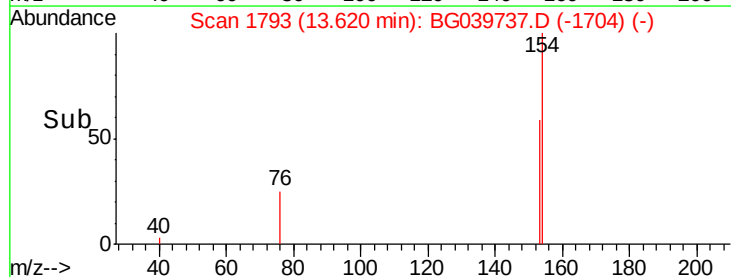
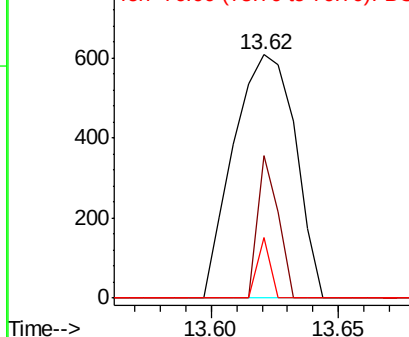


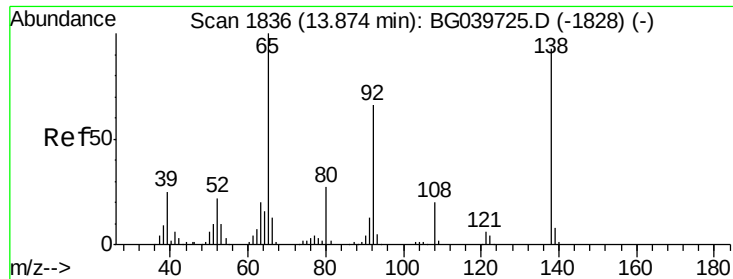
#46
 1,1'-Biphenyl
 Concen: 0.111 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Tgt Ion:154 Resp: 1033
 Ion Ratio Lower Upper
 154 100
 153 58.7 22.1 62.1
 76 25.2 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

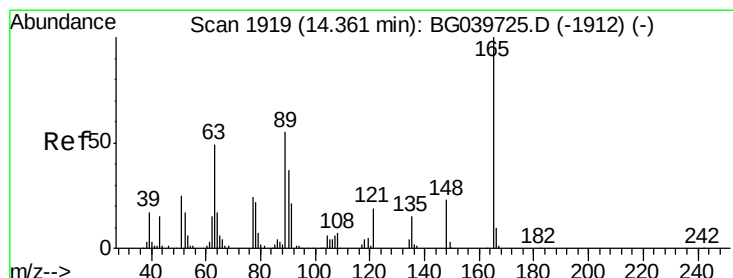
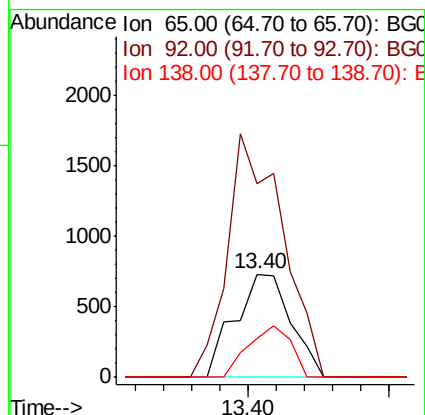
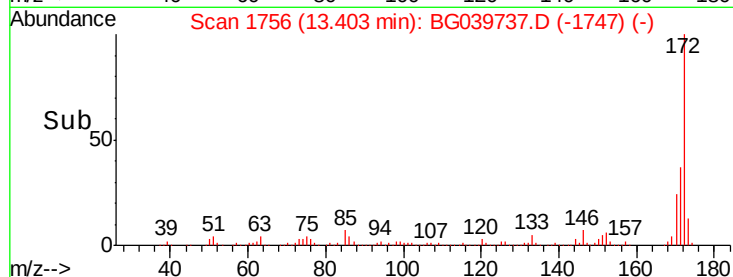
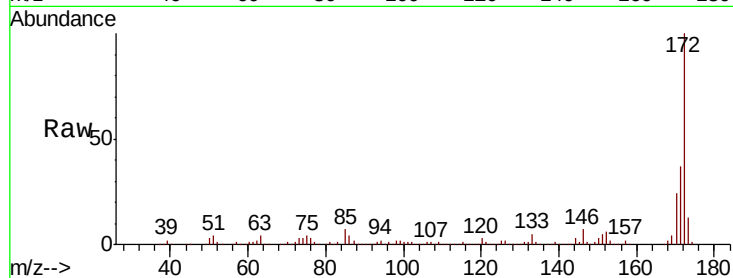




#48
2-Nitroaniline
Concen: 0.447 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.48 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

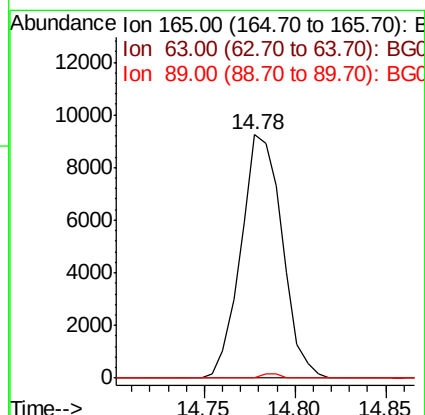
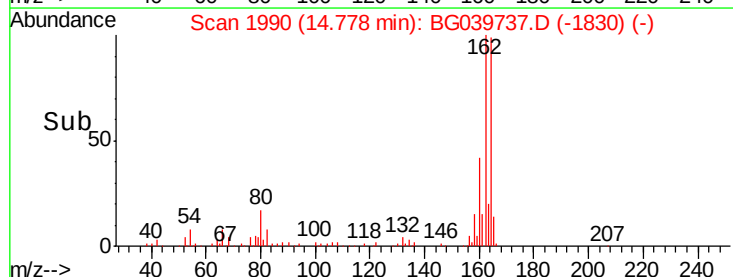
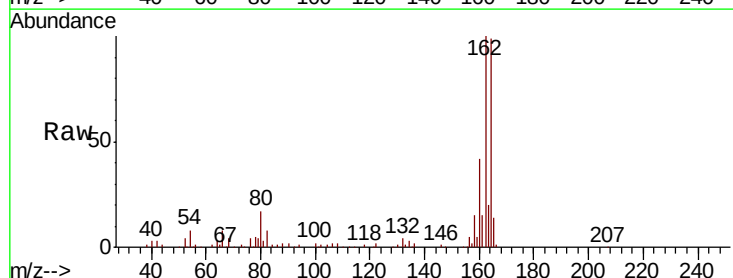
Instrument :
BNA_G
ClientSampleId :
PB117513BL

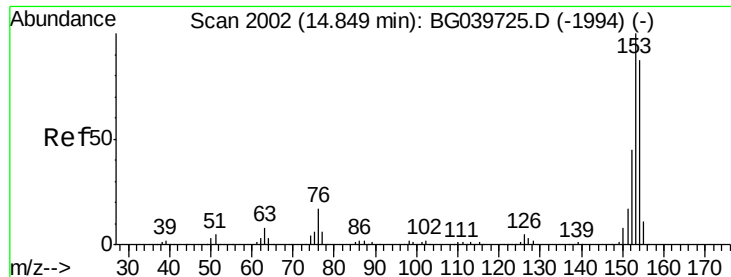
Tgt Ion: 65 Resp: 1002
Ion Ratio Lower Upper
65 100
92 187.9 51.4 77.2#
138 37.7 71.4 107.2#



#51
2,6-Dinitrotoluene
Concen: 7.329 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039737.D
Acq: 4 Mar 2019 18:50

Tgt Ion: 165 Resp: 14658
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#





#52

Acenaphthene

Concen: 0.075 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.07 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

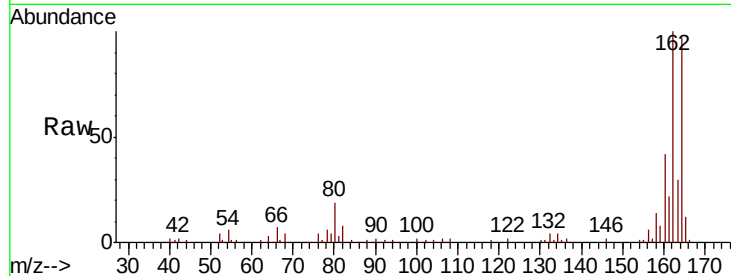
Tgt Ion:154 Resp: 520

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

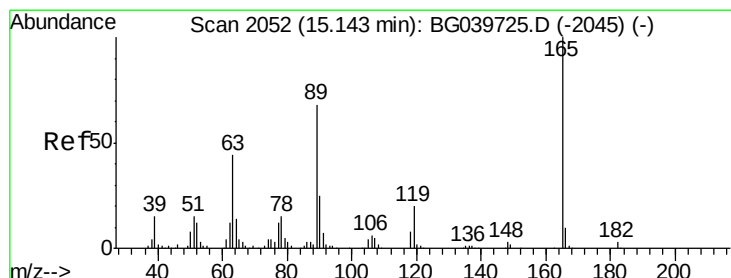
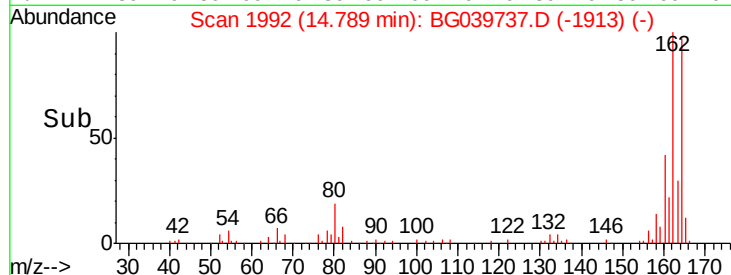
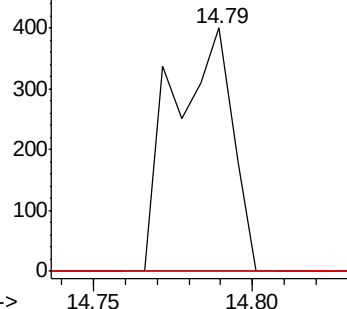
152 0.0 40.9 61.3#



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: 5.216 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Tgt Ion:165 Resp: 14658

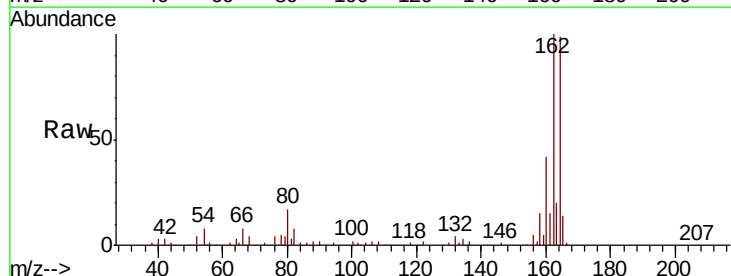
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

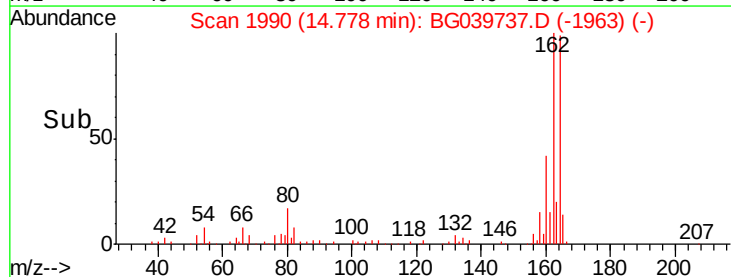
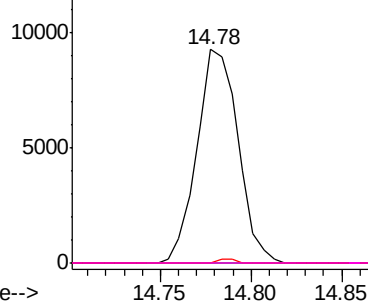


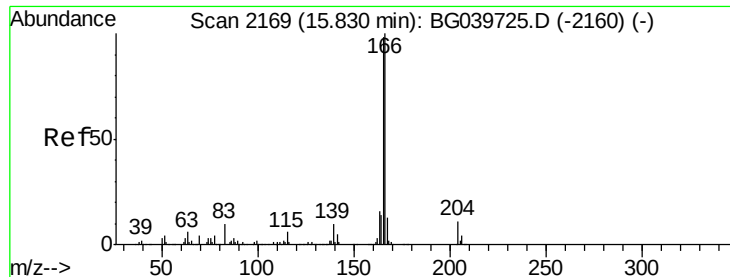
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.766 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.43 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

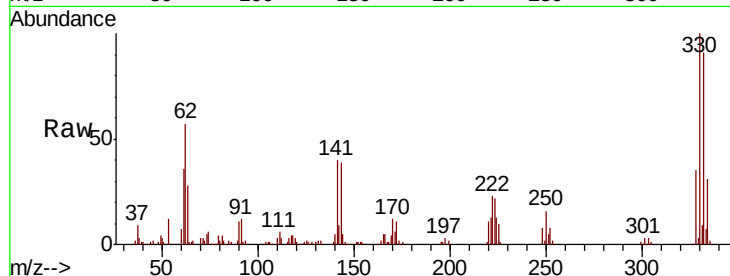
Tgt Ion: 166 Resp: 6812

Ion Ratio Lower Upper

166 100

165 101.8 77.9 116.9

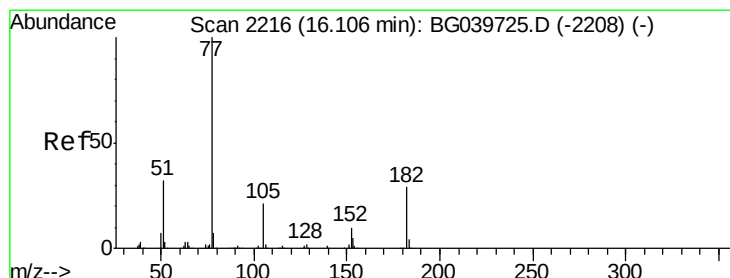
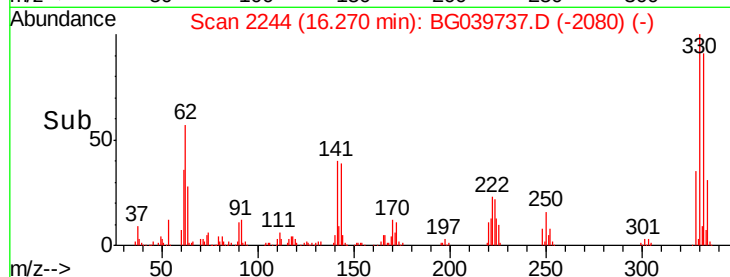
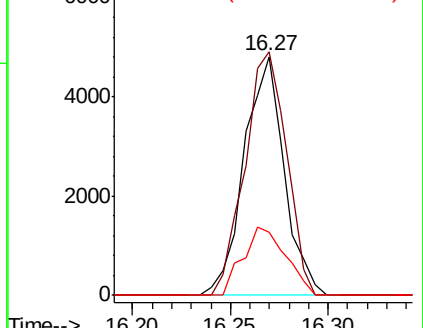
167 26.7 10.8 16.2#



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: 0.072 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.15 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Tgt Ion: 77 Resp: 613

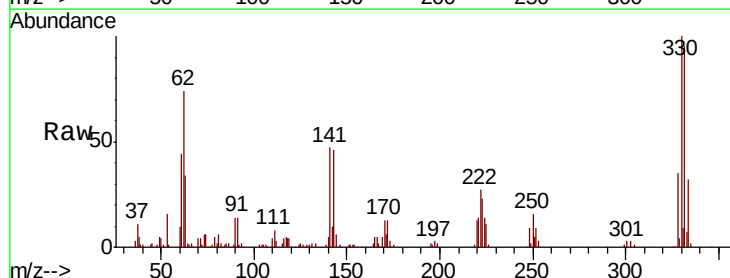
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 147.4 0.0 39.8#

51 89.2 14.1 54.1#

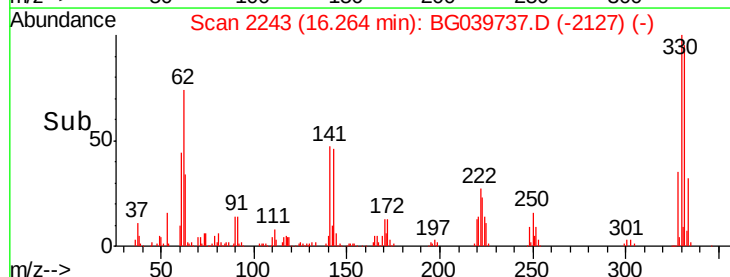
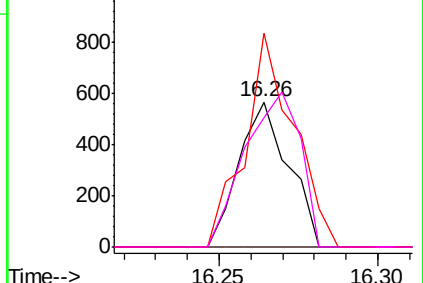


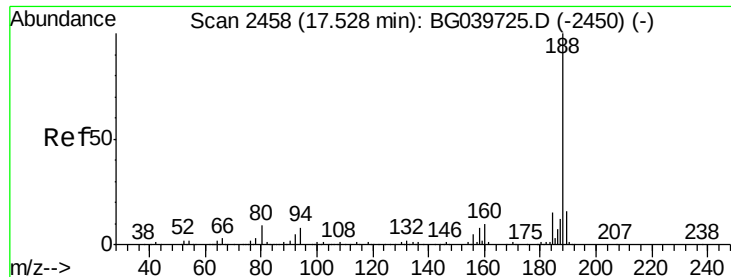
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

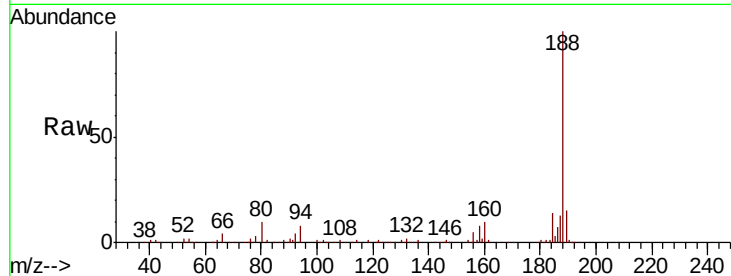
Tgt Ion:188 Resp: 296722

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

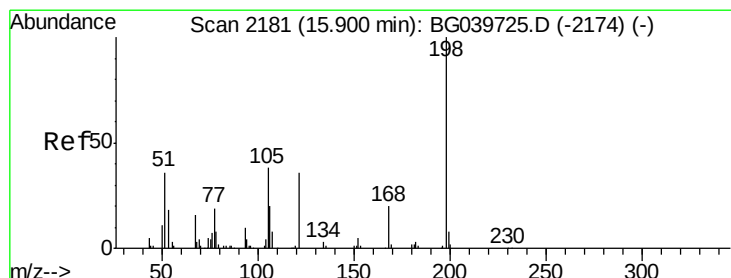
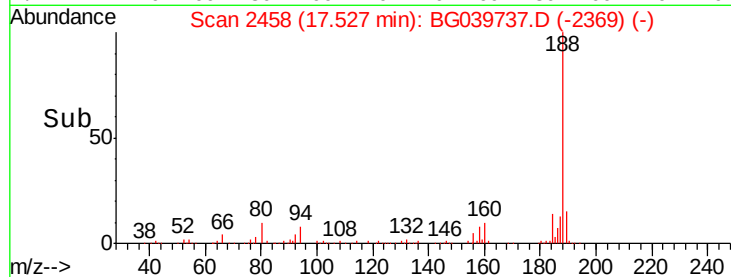
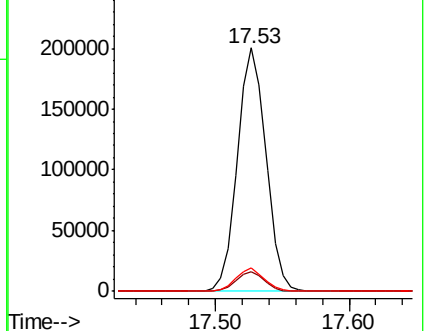
80 9.5 8.1 12.1



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: 0.322 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.36 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

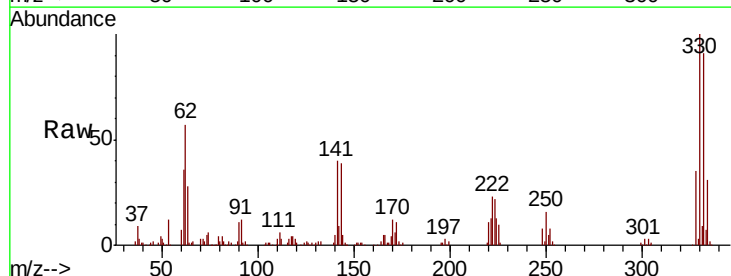
Tgt Ion:198 Resp: 565

Ion Ratio Lower Upper

198 100

51 121.2 27.4 67.4#

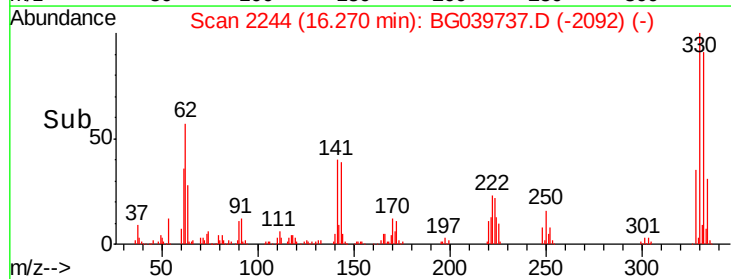
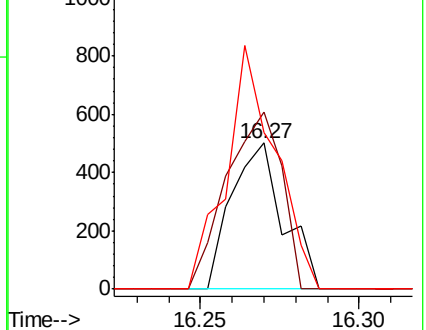
105 107.2 19.7 59.7#

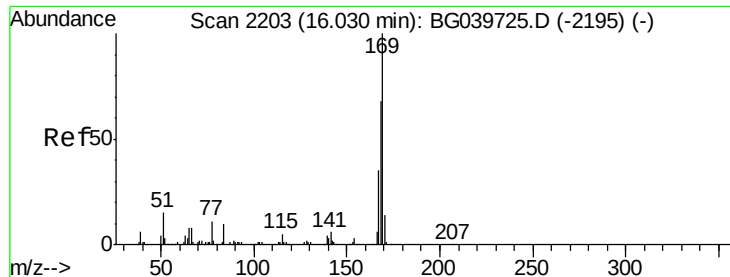


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

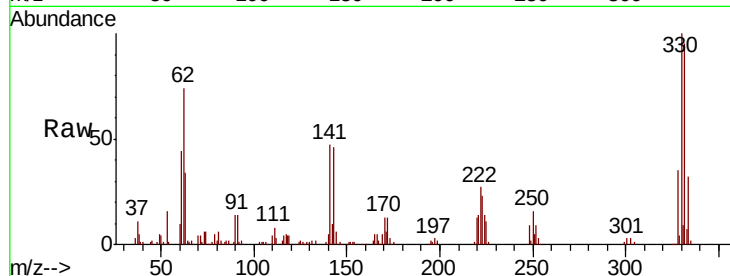




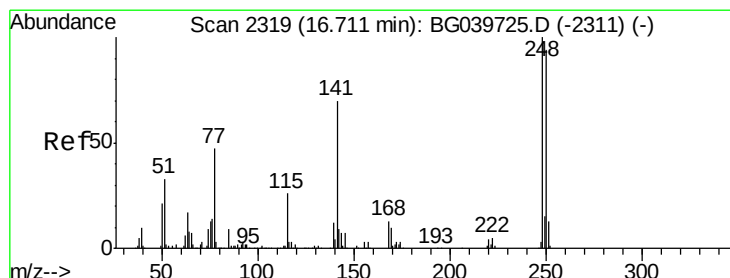
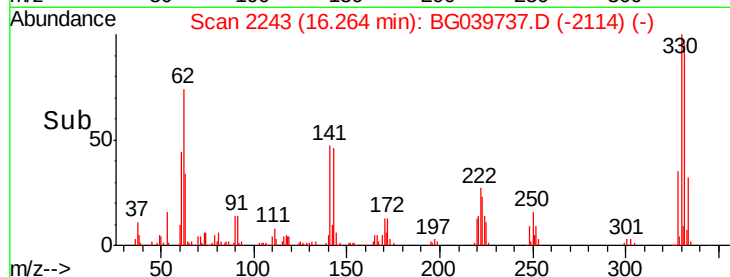
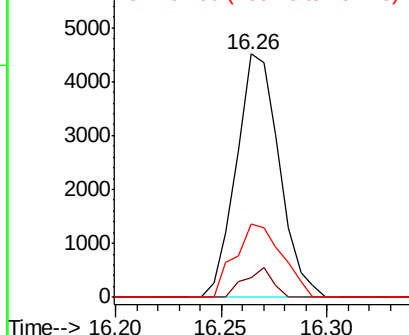
#66
 n-Nitrosodiphenylamine
 Concen: 0.740 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BL

Tgt Ion:169 Resp: 6361
 Ion Ratio Lower Upper
 169 100
 168 8.0 56.6 85.0#
 167 30.3 28.8 43.2

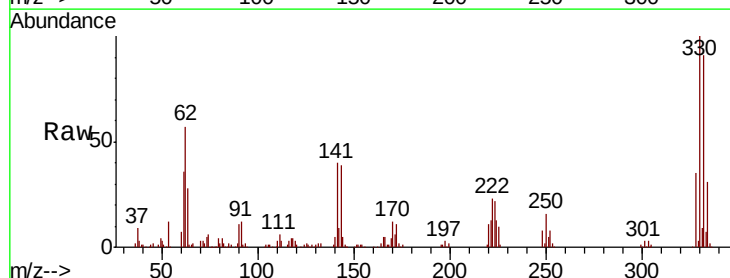


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

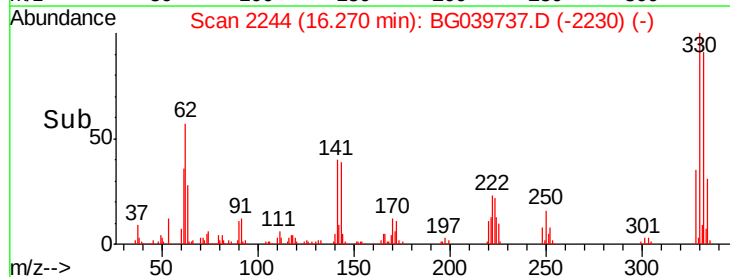
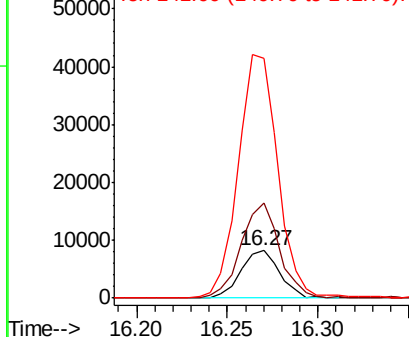


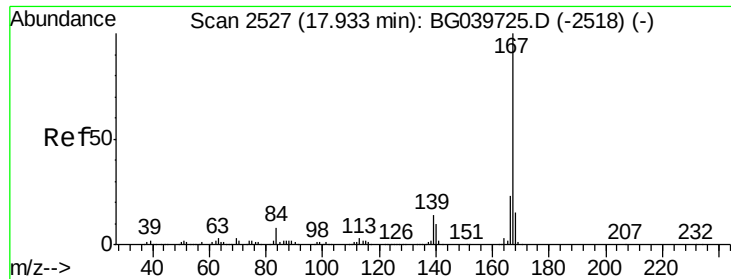
#67
 4-Bromophenyl-phenylether
 Concen: 3.696 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039737.D
 Acq: 4 Mar 2019 18:50

Tgt Ion:248 Resp: 12277
 Ion Ratio Lower Upper
 248 100
 250 200.2 77.6 116.4#
 141 502.2 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





#73

Carbazole

Concen: 0.004 ng

RT: 18.10 min Scan# 2555

Delta R.T. 0.16 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

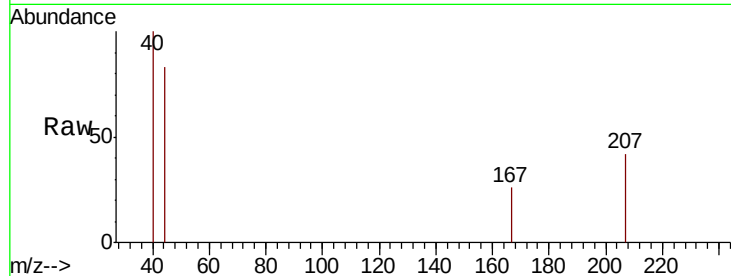
BNA_G

ClientSampleId :

PB117513BL

Tgt Ion:167 Resp: 62

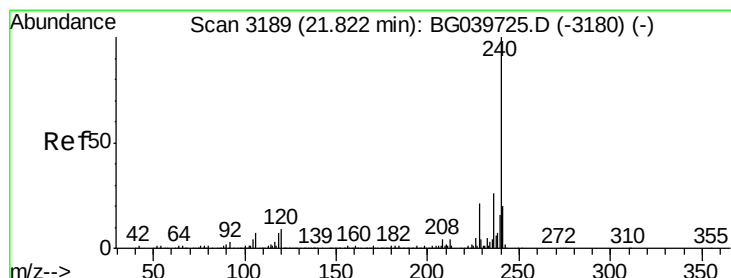
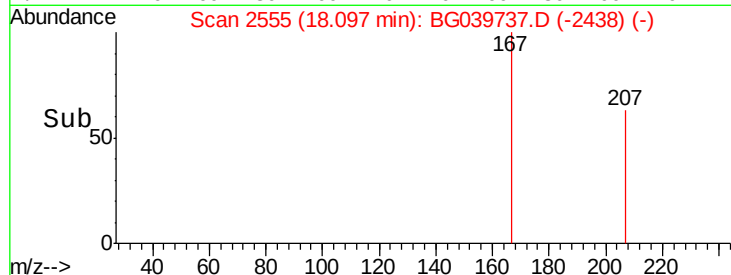
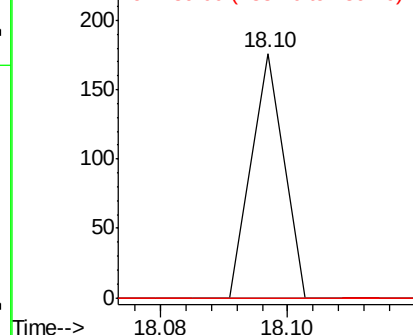
Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

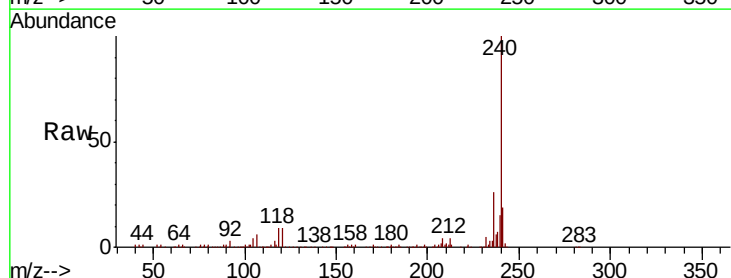
Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Tgt Ion:240 Resp: 331610

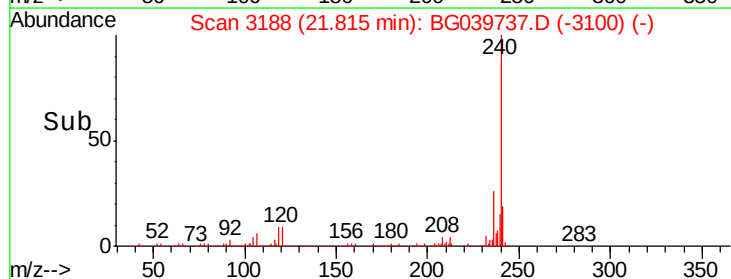
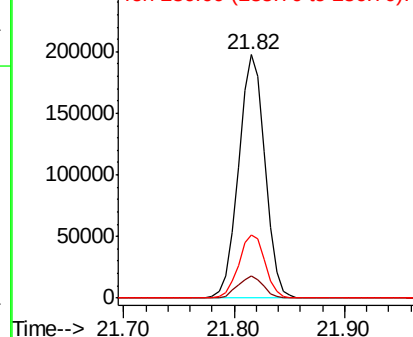
Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.2	21.0	31.4

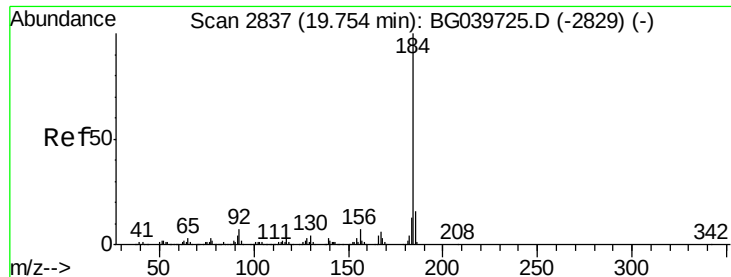


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.787 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.37 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

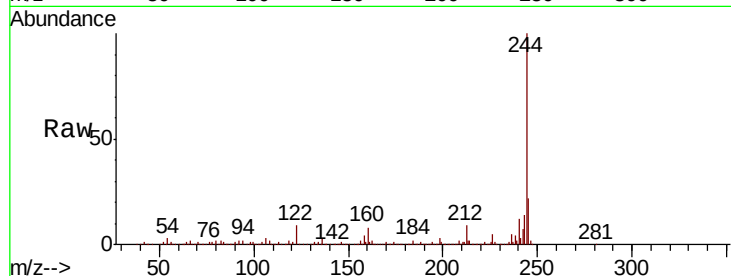
Tgt Ion:184 Resp: 18800

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

183 9.2 10.6 15.8#

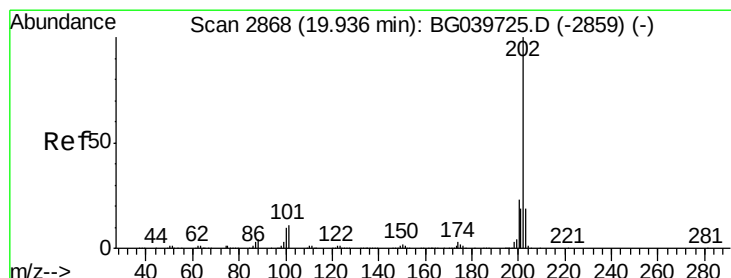
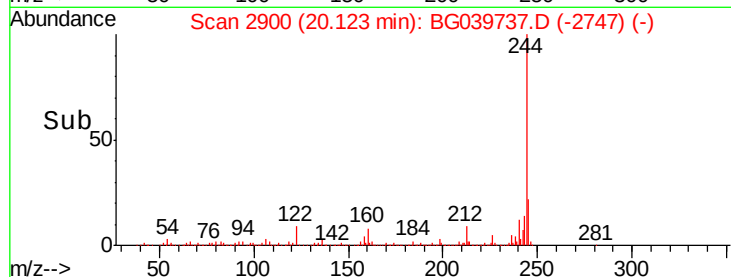
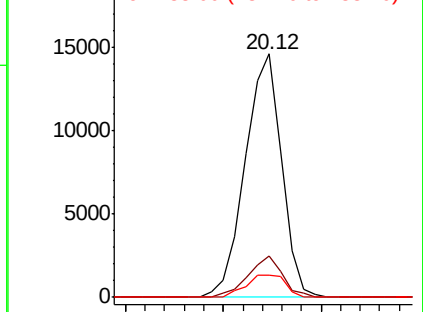


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.200 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.18 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

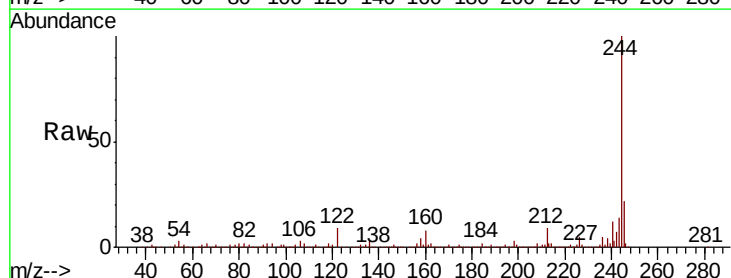
Tgt Ion:202 Resp: 4310

Ion Ratio Lower Upper

202 100

200 40.9 17.8 26.8#

203 16.5 15.3 22.9

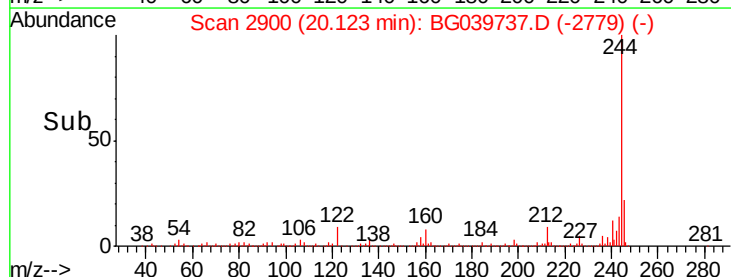
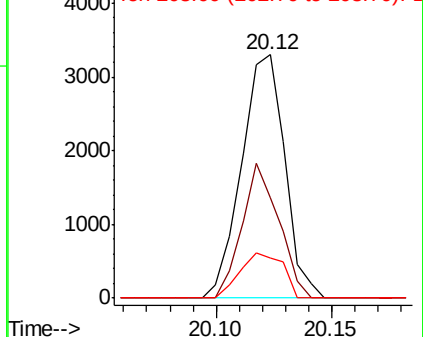


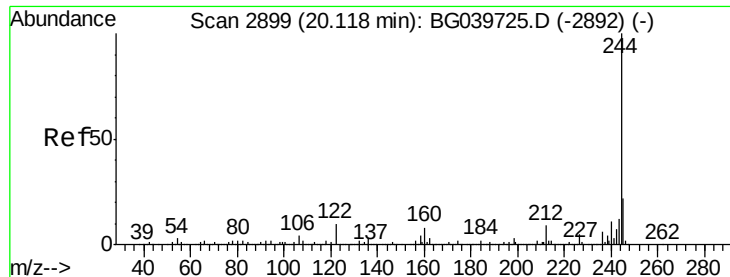
Abundance

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: 74.144 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

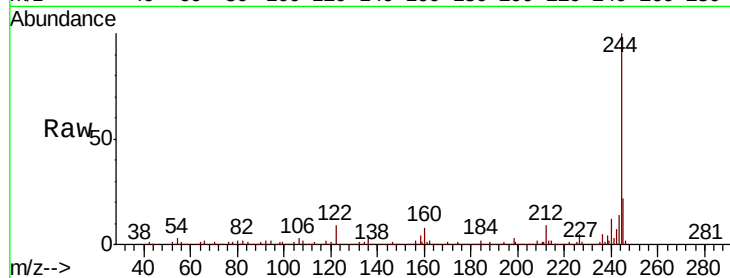
Tgt Ion:244 Resp: 1116668

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

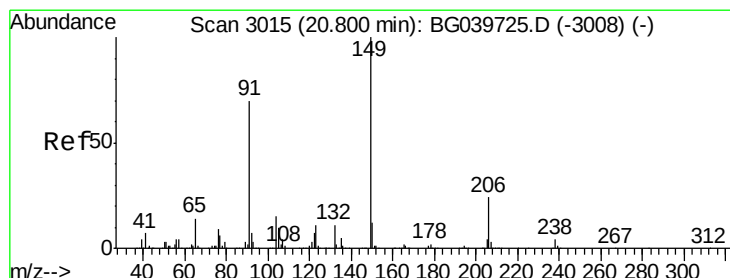
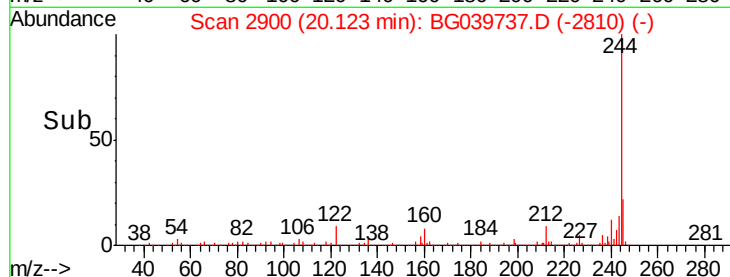
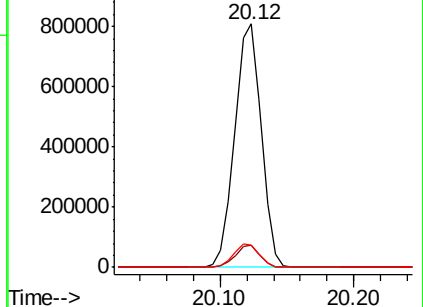
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.007 ng

RT: 20.87 min Scan# 3027

Delta R.T. 0.06 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

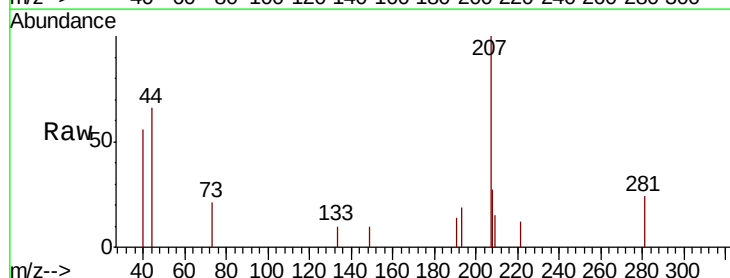
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

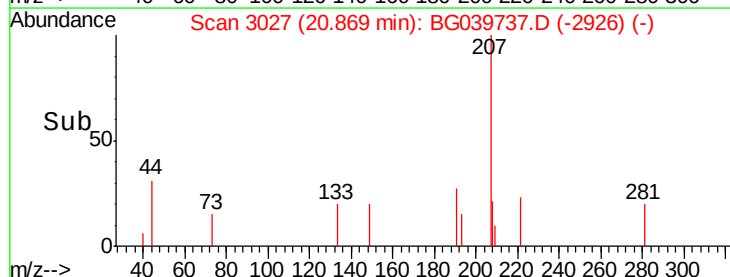
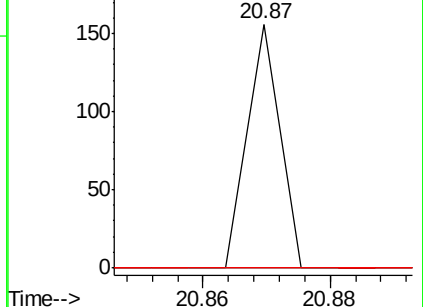
206 0.0 18.6 27.8#

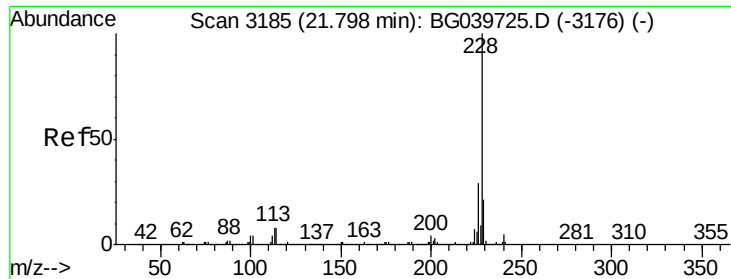


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.048 ng

RT: 21.82 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

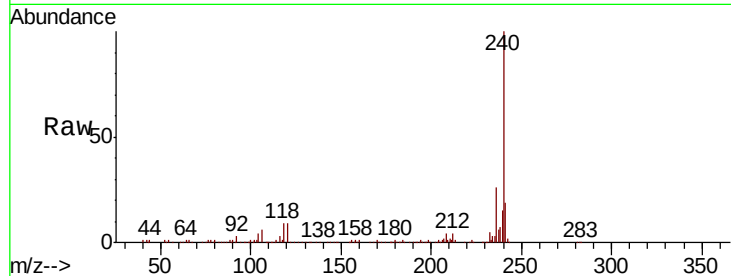
Tgt Ion: 228 Resp: 993

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

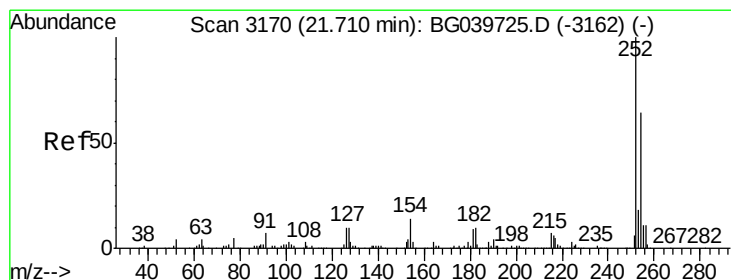
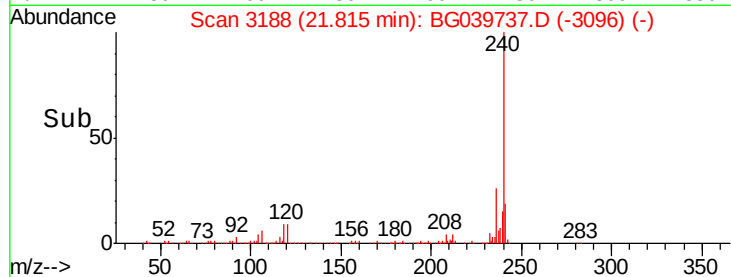
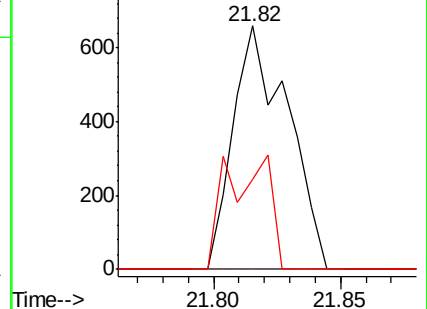
229 37.0 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.73 min Scan# 3173

Delta R.T. 0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

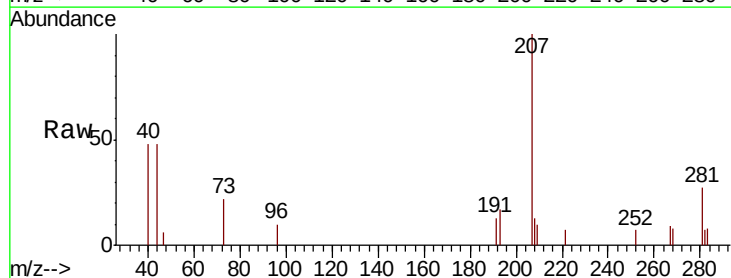
Tgt Ion: 252 Resp: 61

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

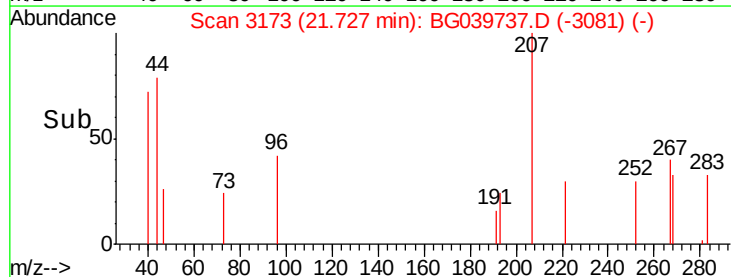
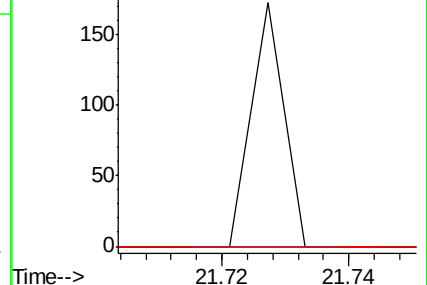
126 0.0 8.0 12.0#

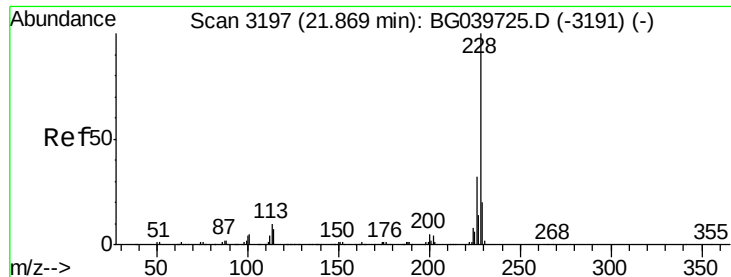


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.049 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

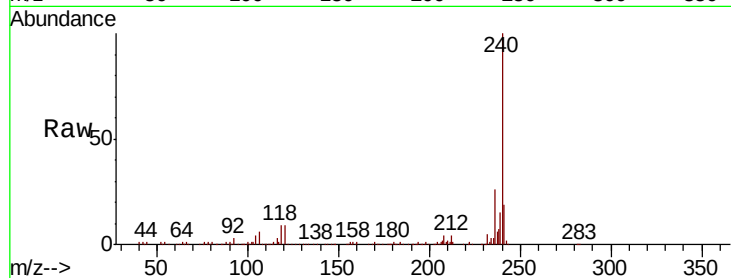
Tgt Ion:228 Resp: 993

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 37.0 16.6 25.0#



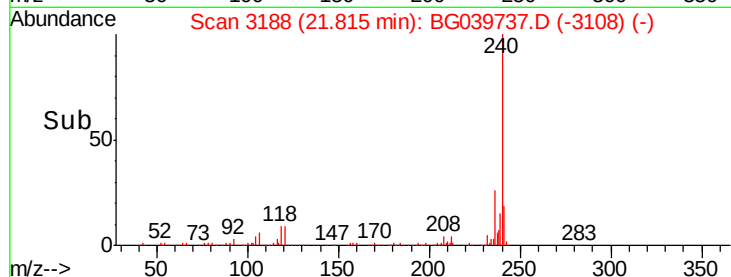
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.82

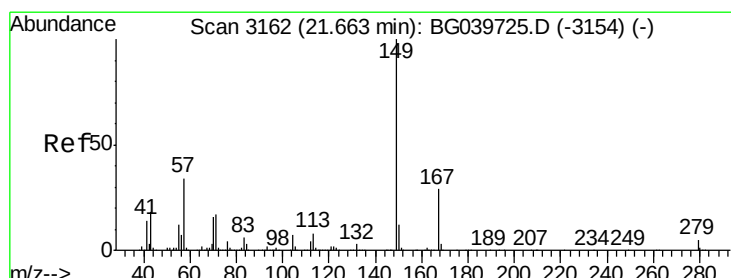
21.85



Abundance

21.82

21.85



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

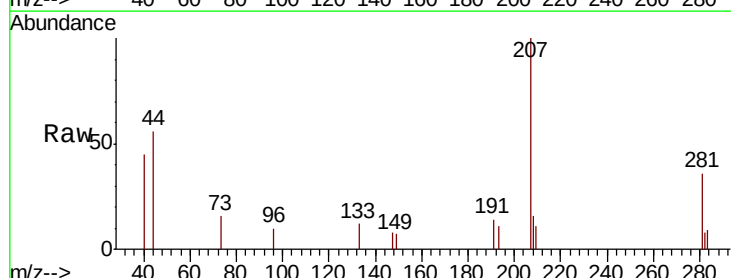
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

279 0.0 3.5 5.3#



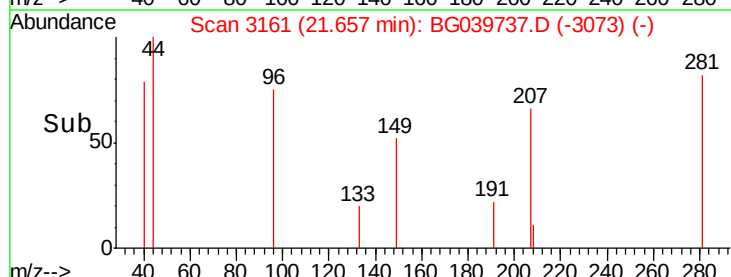
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.66

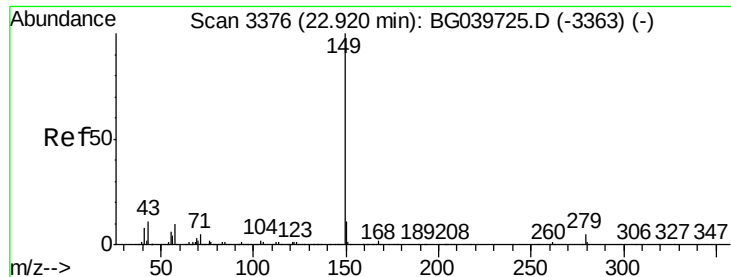
21.66



Abundance

21.66

21.66



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.91 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL

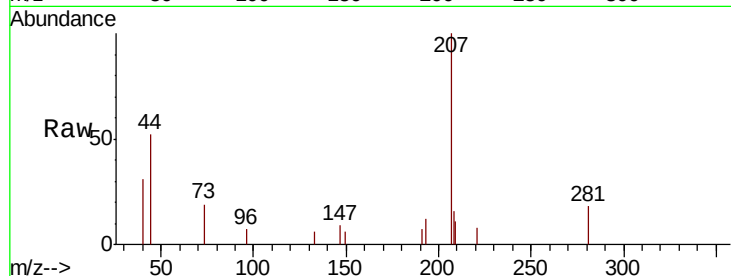
Tgt Ion:149 Resp: 62

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

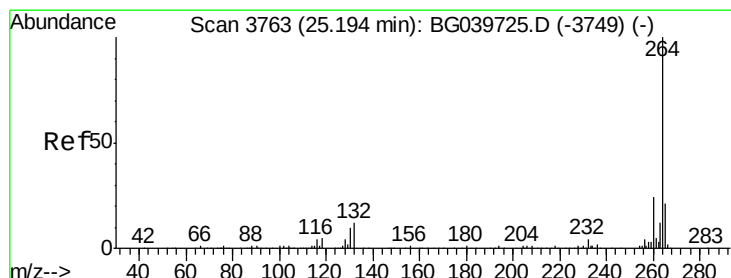
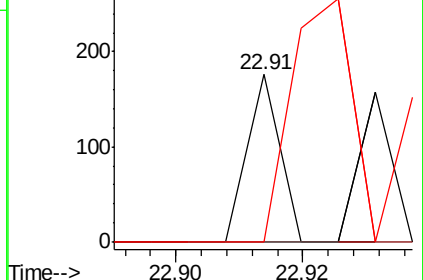
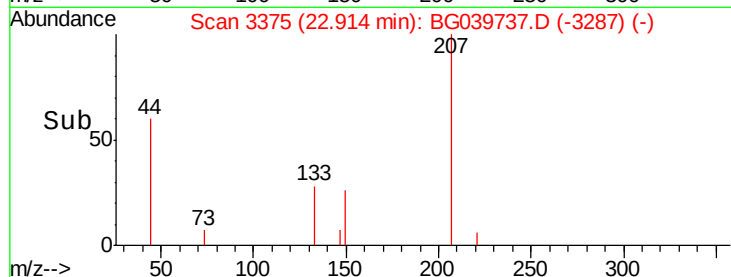
43 0.0 10.2 15.4#



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): BG



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

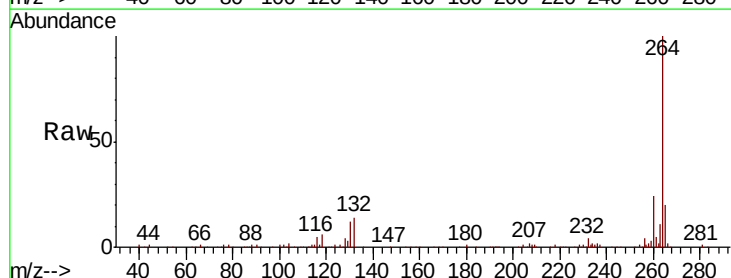
Tgt Ion:264 Resp: 326303

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

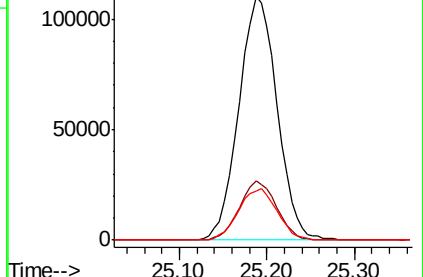
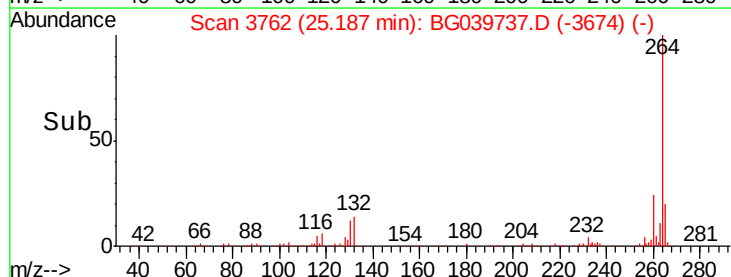
265 20.1 18.5 27.7

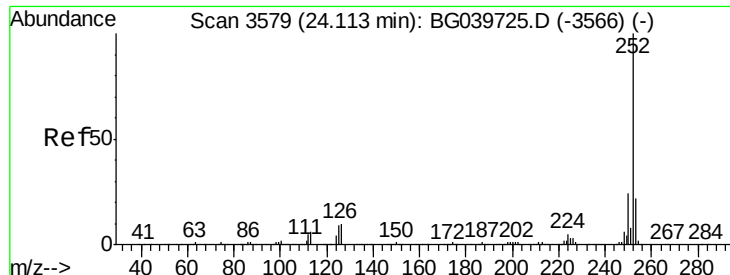


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 24.17 min Scan# 3588

Delta R.T. 0.05 min

Lab File: BG039737.D

Acq: 4 Mar 2019 18:50

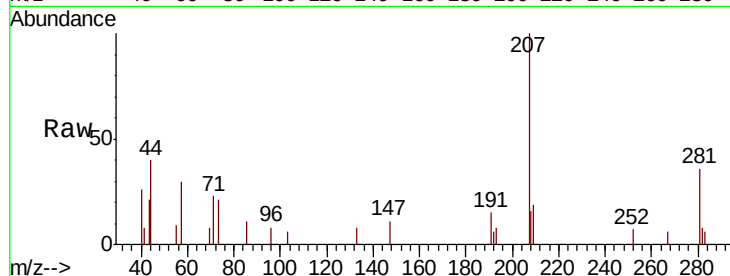
Instrument :

BNA_G

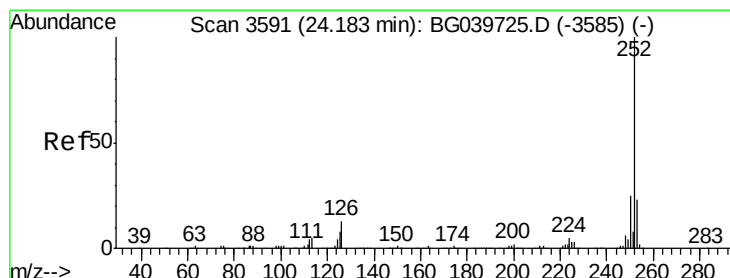
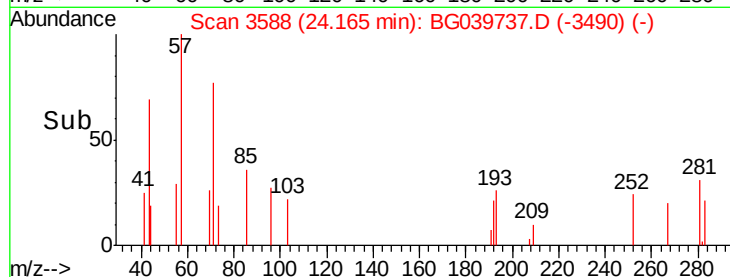
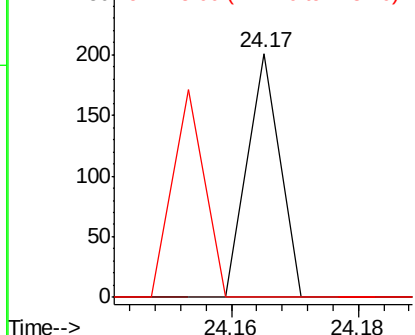
ClientSampleId :

PB117513BL

Tgt Ion:	252	Resp:	71
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

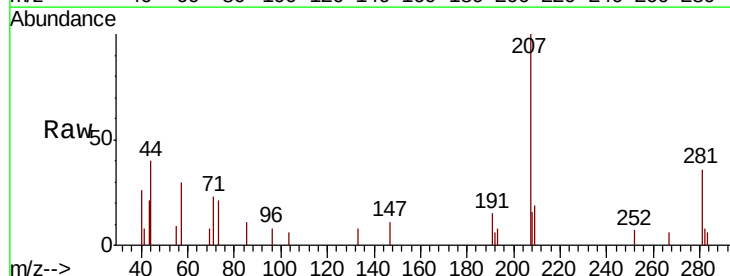
RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

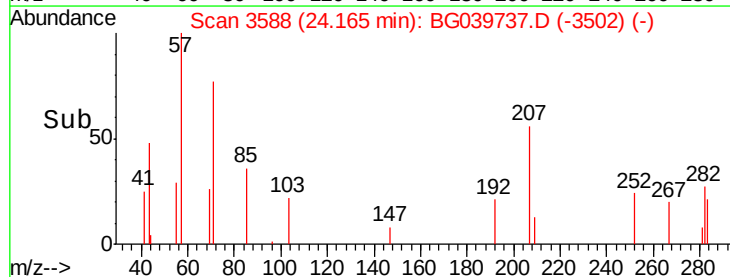
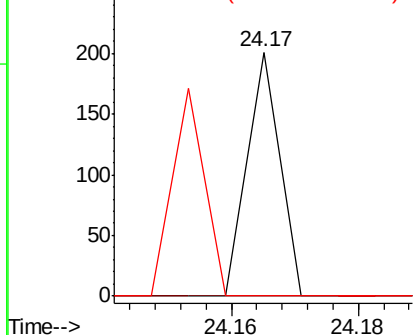
Lab File: BG039737.D

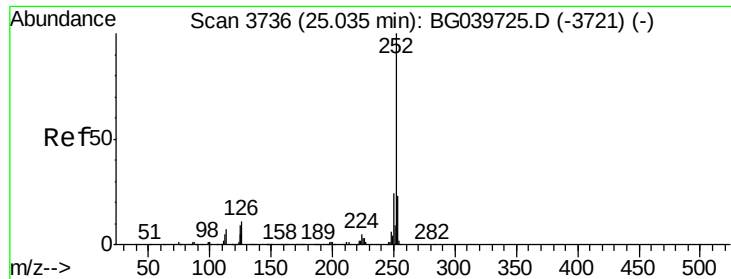
Acq: 4 Mar 2019 18:50

Tgt Ion:	252	Resp:	71
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: 0.004 ng

RT: 24.89 min Scan# 3712

Delta R.T. -0.15 min

Lab File: BG039737.D

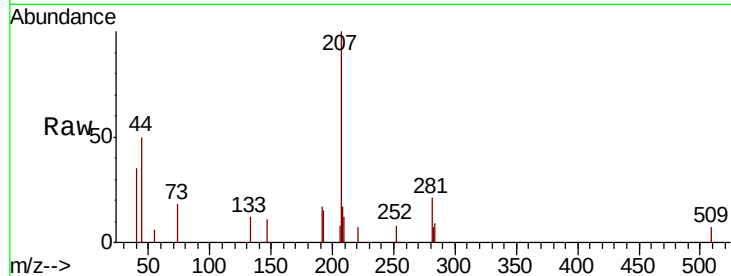
Acq: 4 Mar 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB117513BL



Tgt Ion:	252	Resp:	71
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#

