

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039752.D
 Acq On : 5 Mar 2019 5:34
 Operator : JU/SJ
 Sample : PB117574BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BL

Quant Time: Mar 05 06:31:33 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	43532	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	190147	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	131376	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	343168	20.00	ng	0.00
76) Chrysene-d12	21.82	240	363441	20.00	ng	-0.01
87) Perylene-d12	25.19	264	368941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	362983	142.25	ng	0.00
7) Phenol-d6	7.31	99	518201	136.20	ng	0.00
23) Nitrobenzene-d5	9.34	82	293840	83.58	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	209861	137.05	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	758717	82.23	ng	0.00
79) Terphenyl-d14	20.12	244	1359558	82.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	90	0.076	ng	# 1
4) n-Nitrosodimethylamine	3.91	42	68	0.045	ng	# 1
6) Aniline	7.69	93	646	0.130	ng	# 1
8) 2-Chlorophenol	7.69	128	59	0.019	ng	# 1
9) Benzaldehyde	7.30	77	818	0.333	ng	# 4
10) Phenol	7.31	94	62	0.015	ng	# 1
11) bis(2-Chloroethyl)ether	7.69	93	646	0.201	ng	# 1
15) Benzyl Alcohol	8.48	79	4661	1.544	ng	# 49
19) n-Nitroso-di-n-propylamine	9.33	70	38076	13.904	ng	# 72
24) Nitrobenzene	9.33	77	1065	0.289	ng	# 44
29) 2,4-Dichlorophenol	10.38	162	58	0.019	ng	# 23
31) Naphthalene	10.89	128	56	0.006	ng	# 69
46) 1,1'-Biphenyl	13.63	154	1188	0.110	ng	# 91
48) 2-Nitroaniline	13.41	65	1008	0.386	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	16653	7.151	ng	# 22
52) Acenaphthene	14.78	154	403	0.050	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16653	5.089	ng	# 17
58) Fluorene	16.27	166	8871	0.856	ng	# 91
63) Azobenzene	16.26	77	1278	0.130	ng	# 35
65) 4,6-Dinitro-2-methylphenol	16.26	198	787	0.388	ng	# 3
66) n-Nitrosodiphenylamine	16.26	169	8301	0.836	ng	# 43
67) 4-Bromophenyl-phenylether	16.27	248	15794	4.112	ng	# 1
71) Phenanthrene	17.53	178	71	0.004	ng	# 1
72) Anthracene	17.53	178	71	0.004	ng	# 1
77) Benzidine	20.12	184	23388	2.028	ng	# 95
78) Pyrene	20.12	202	5863	0.248	ng	# 70
80) Butylbenzylphthalate	20.80	149	53	0.006	ng	# 22
81) Benzo(a)anthracene	21.83	228	1153	0.051	ng	# 66
83) Chrysene	21.83	228	1153	0.052	ng	# 62
84) Bis(2-ethylhexyl)phthalate	21.66	149	67	0.005	ng	# 52
85) Di-n-octyl phthalate	22.88	149	58	0.003	ng	# 71
88) Benzo(b)fluoranthene	23.79	252	56	0.003	ng	# 60
89) Benzo(k)fluoranthene	23.79	252	56	0.003	ng	# 59
90) Benzo(a)pyrene	25.19	252	1353	0.067	ng	# 66

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039752.D
Acq On : 5 Mar 2019 5:34
Operator : JU/SJ
Sample : PB117574BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117574BL

Quant Time: Mar 05 06:31:33 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

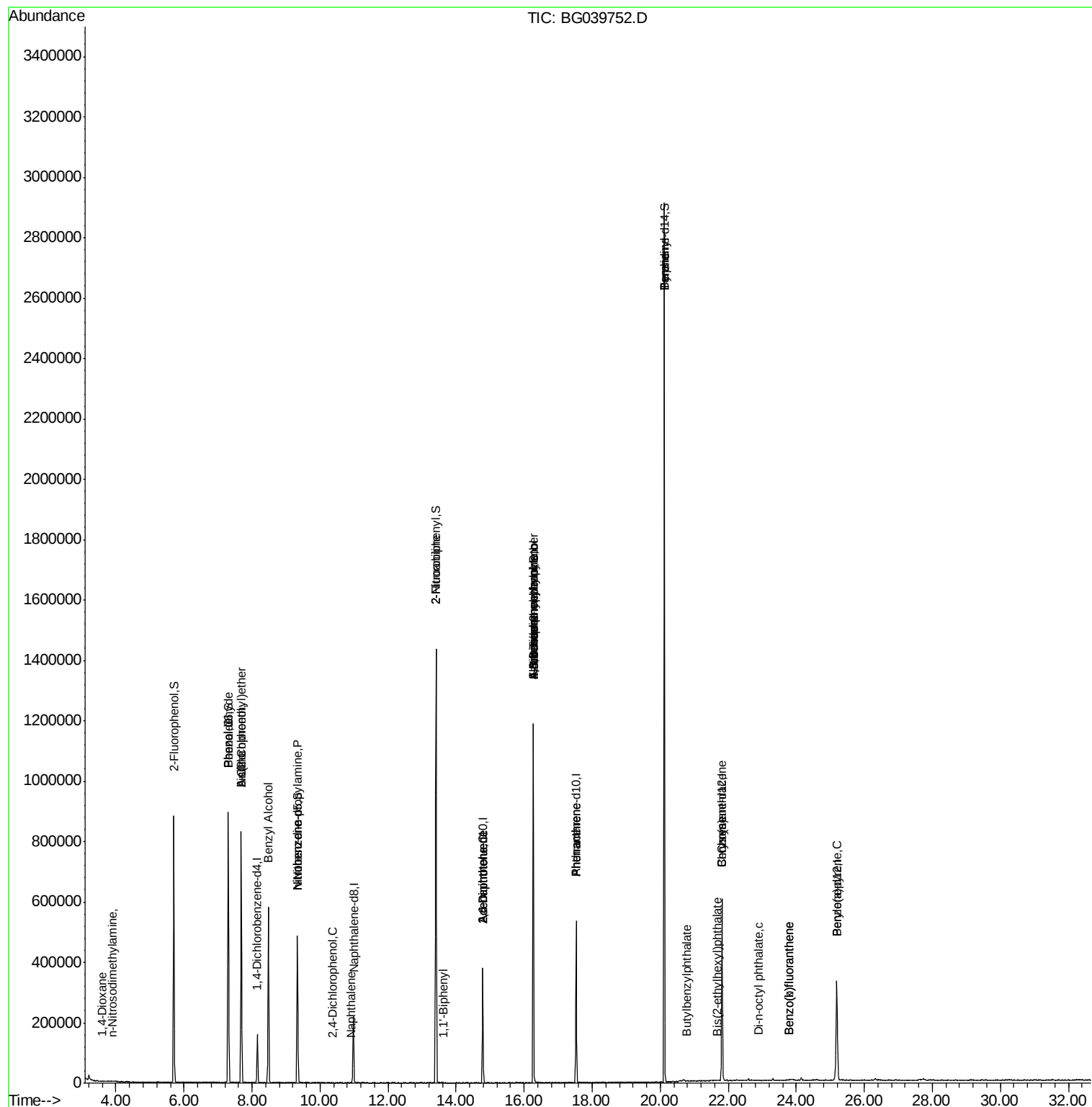
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

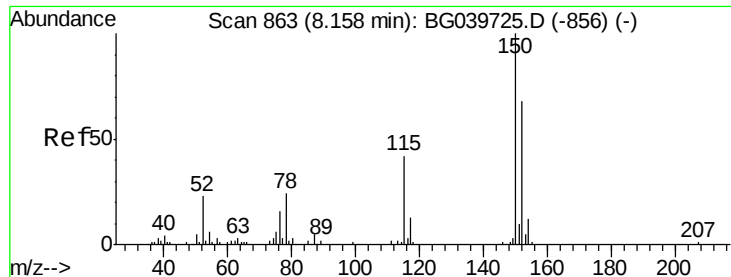
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039752.D
Acq On : 5 Mar 2019 5:34
Operator : JU/SJ
Sample : PB117574BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117574BL

Quant Time: Mar 05 06:31:33 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



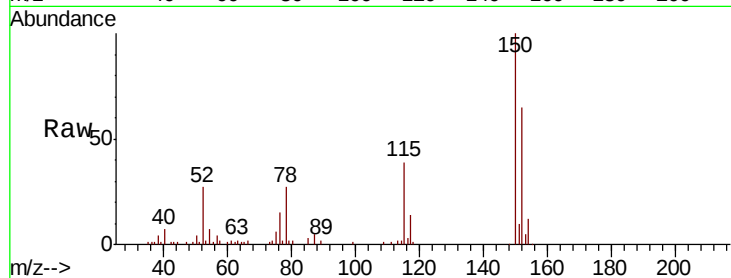


#1

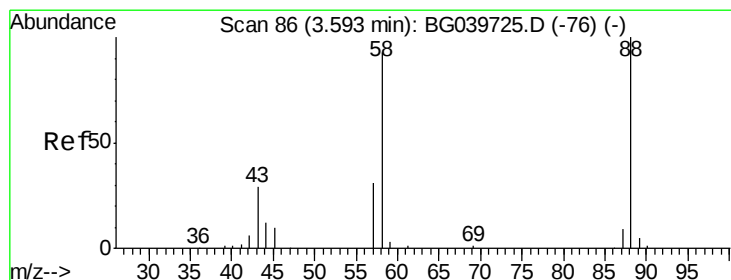
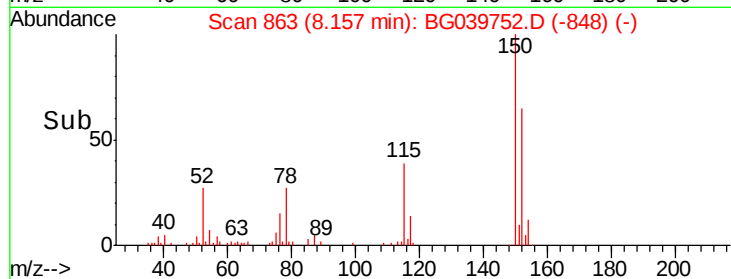
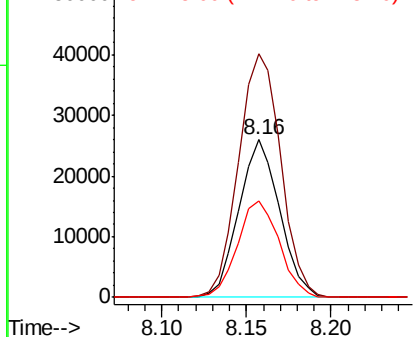
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
PB117574BL

Tgt Ion:152 Resp: 43532
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 61.1 45.9 68.9



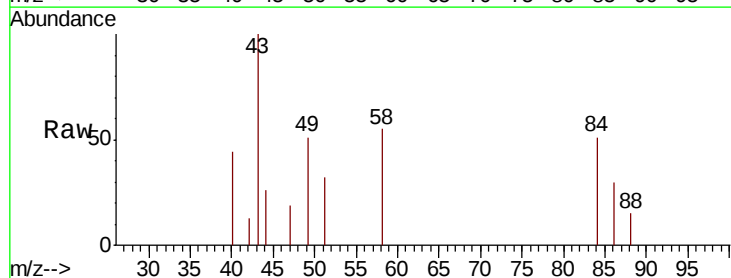
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



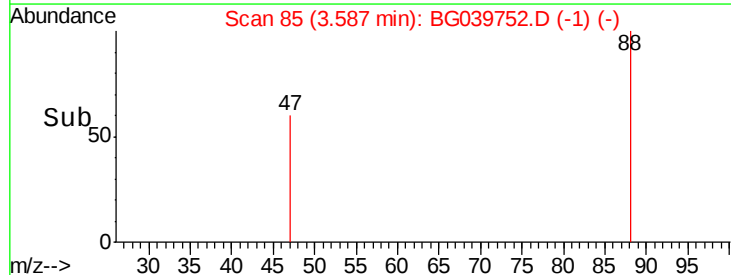
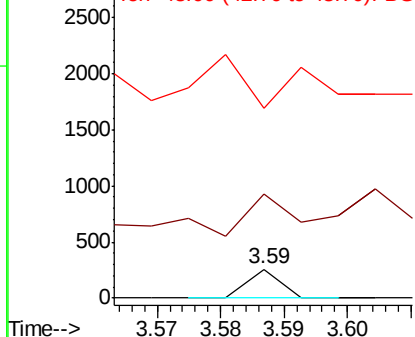
#2

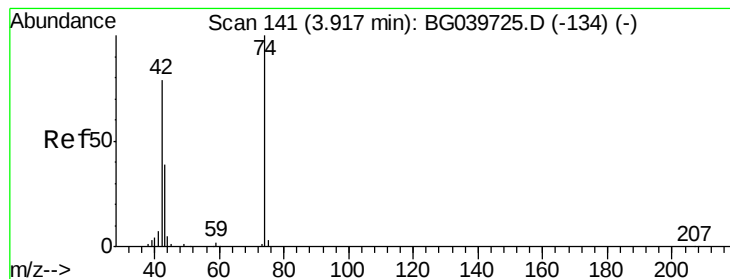
1,4-Dioxane
Concen: 0.076 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
58 557.8 81.1 121.7#
43 0.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

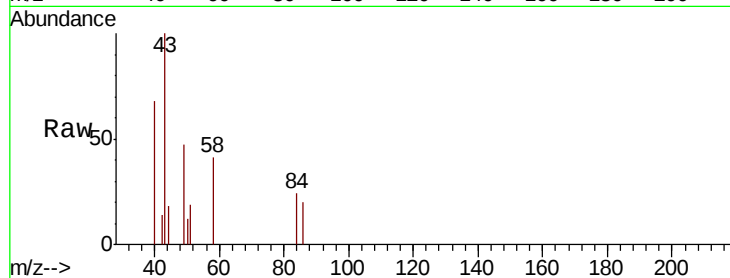
Tgt Ion: 42 Resp: 68

Ion Ratio Lower Upper

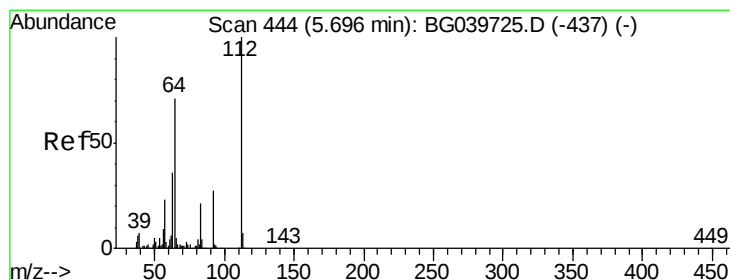
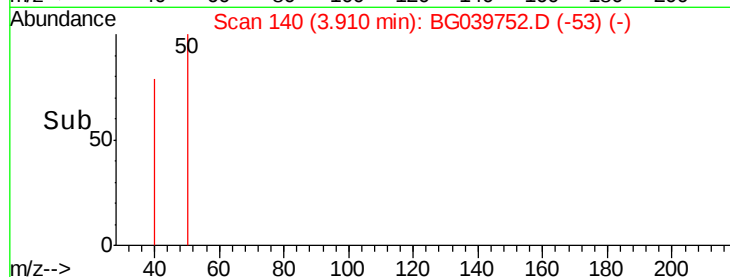
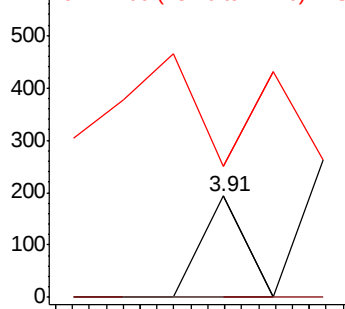
42 100

74 0.0 83.6 125.4#

44 130.1 6.9 10.3#



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



#5

2-Fluorophenol

Concen: 142.252 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

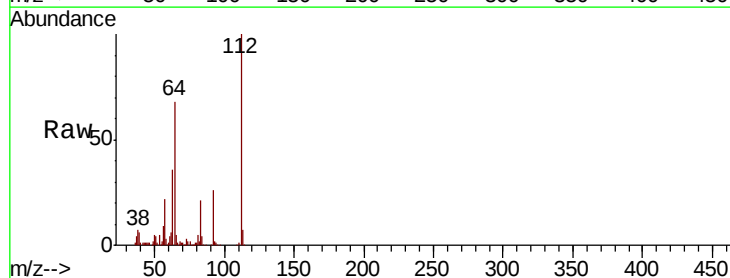
Tgt Ion: 112 Resp: 362983

Ion Ratio Lower Upper

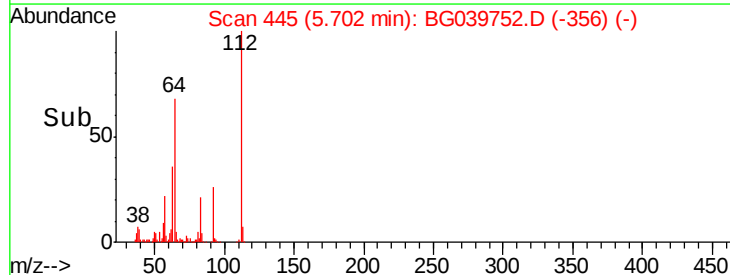
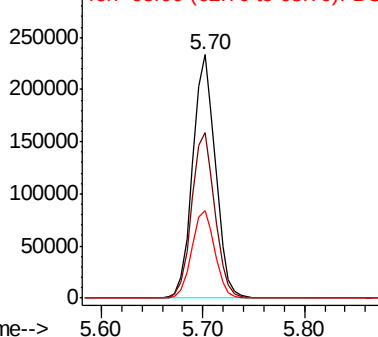
112 100

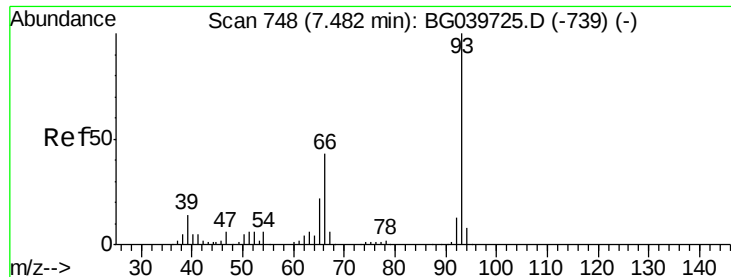
64 68.1 57.8 86.8

63 35.8 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: 0.130 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.19 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

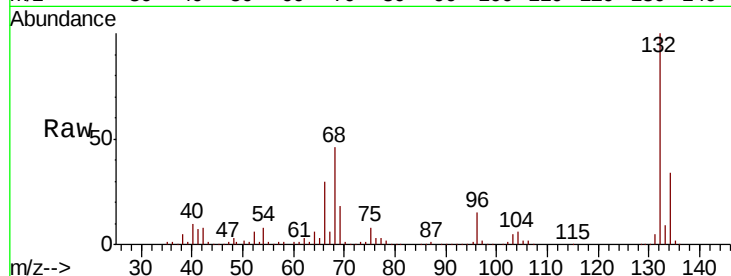
Tgt Ion: 93 Resp: 646

Ion Ratio Lower Upper

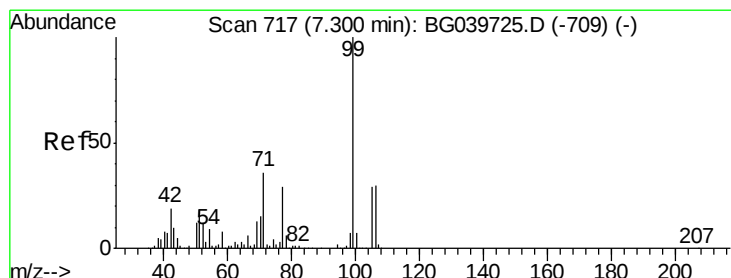
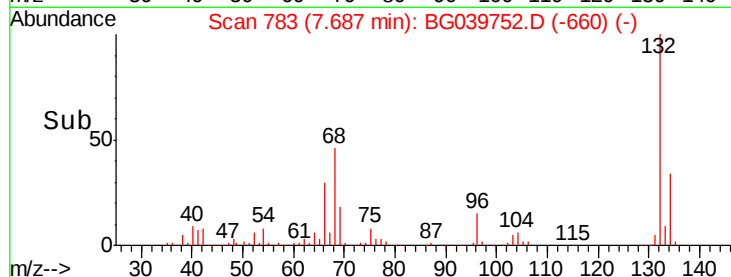
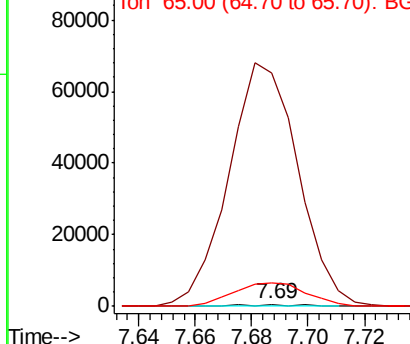
93 100

66 13317.6 34.2 51.4#

65 1370.2 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: 136.200 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

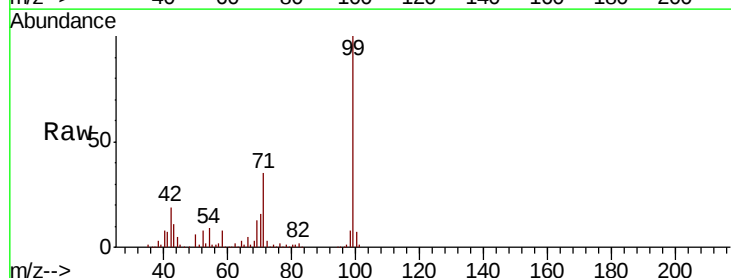
Tgt Ion: 99 Resp: 518201

Ion Ratio Lower Upper

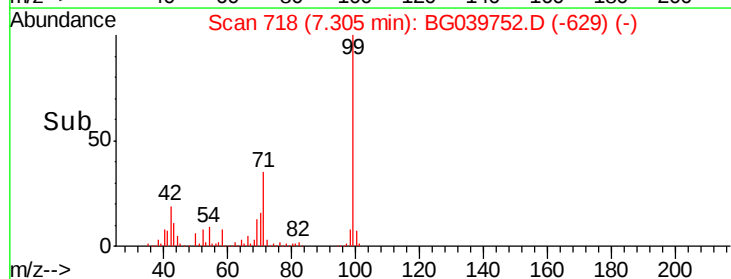
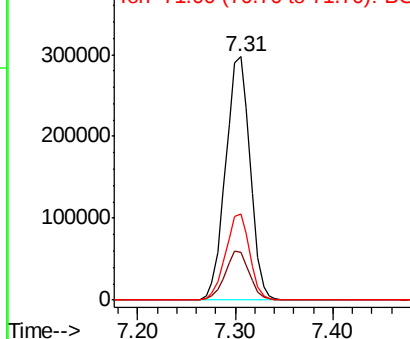
99 100

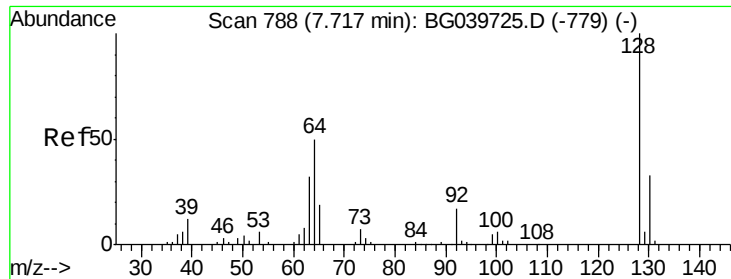
42 19.4 18.2 27.2

71 35.2 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

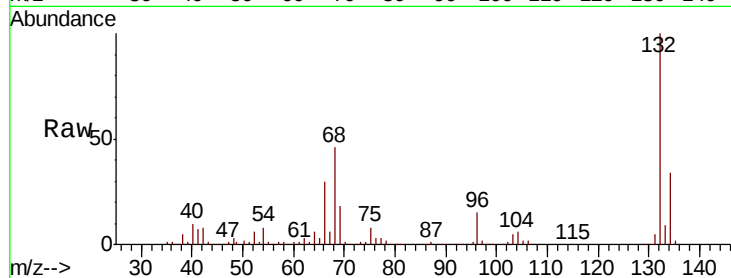




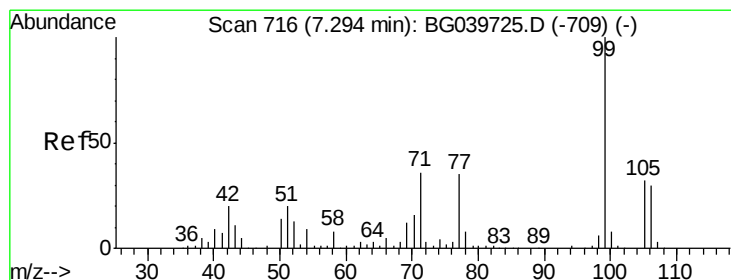
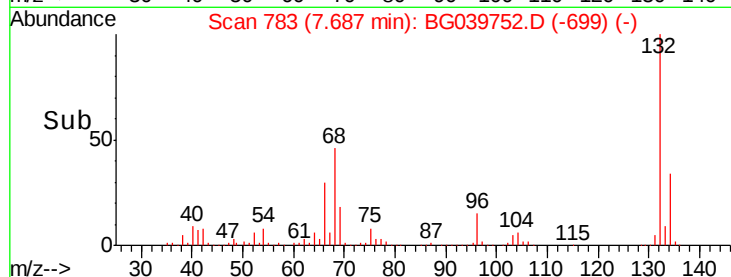
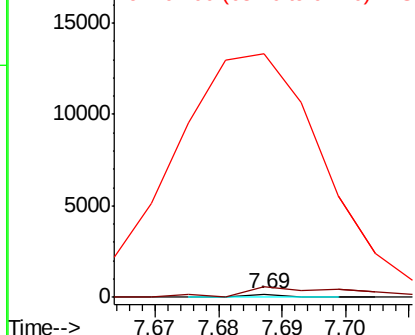
#8
2-Chlorophenol
Concen: 0.019 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.04 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
PB117574BL

Tgt Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
130 368.7 12.9 52.9#
64 8019.9 38.7 78.7#

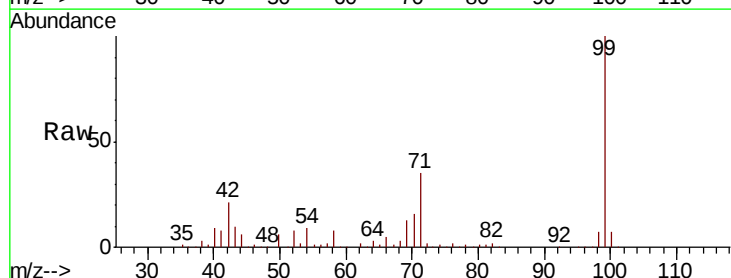


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

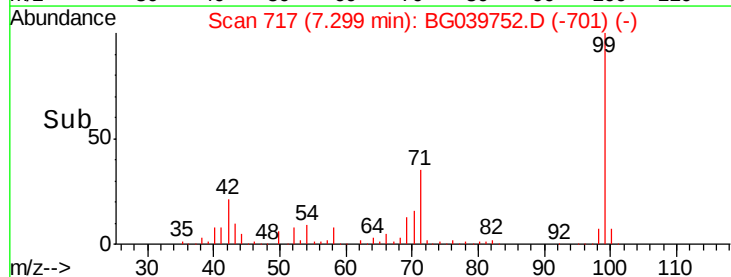
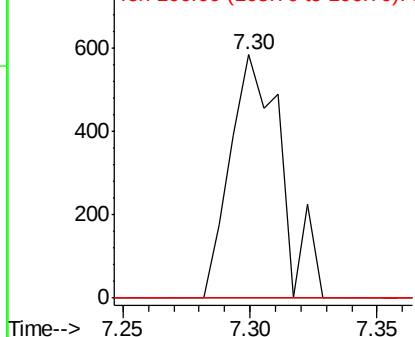


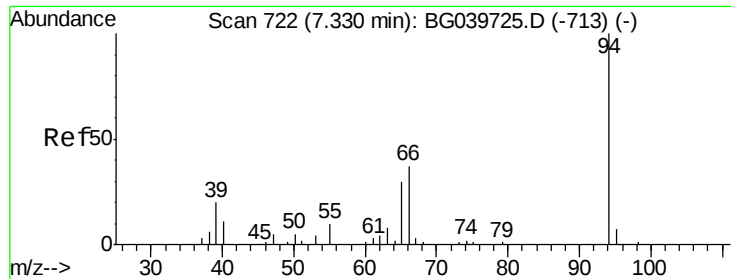
#9
Benzaldehyde
Concen: 0.333 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion: 77 Resp: 818
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: 0.015 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.03 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

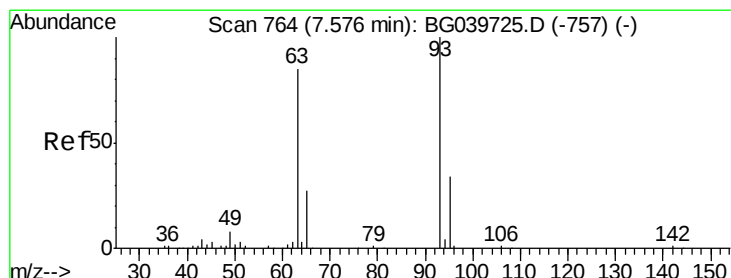
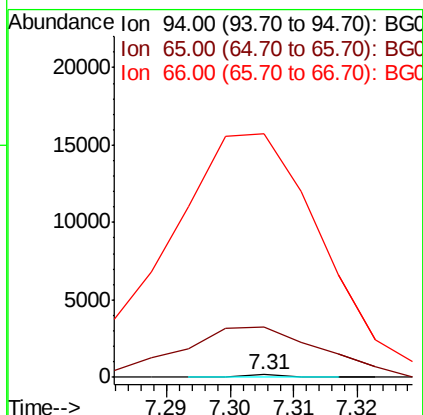
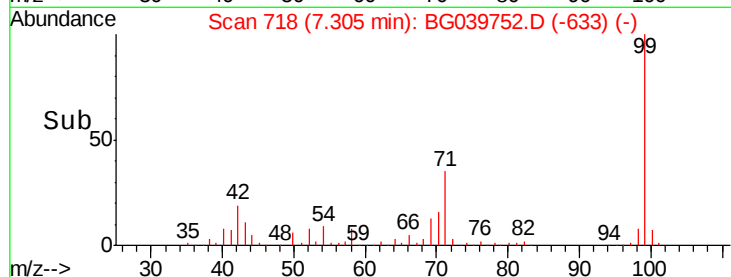
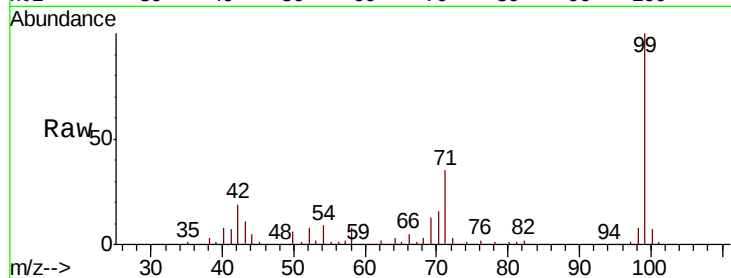
Tgt Ion: 94 Resp: 62

Ion Ratio Lower Upper

94 100

65 1846.3 11.7 51.7#

66 8988.0 23.7 63.7#



#11

bis(2-Chloroethyl)ether

Concen: 0.201 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.10 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

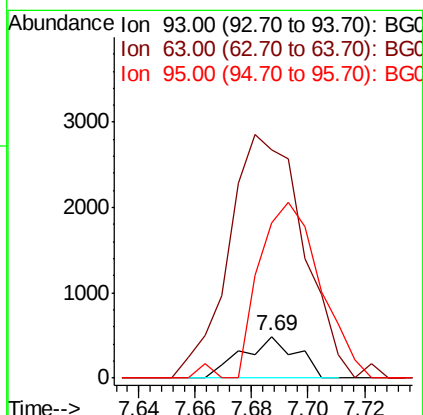
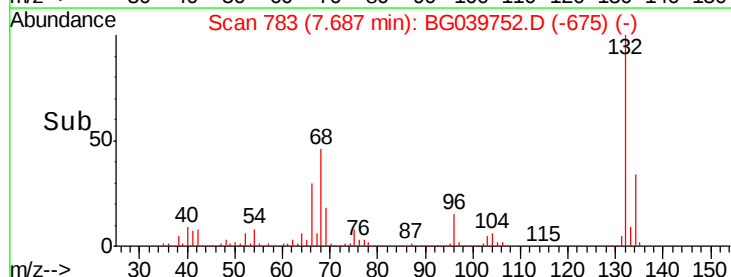
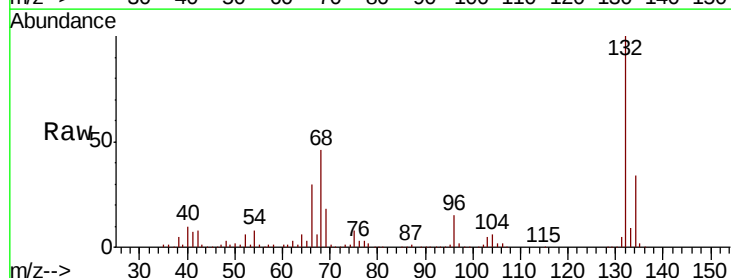
Tgt Ion: 93 Resp: 646

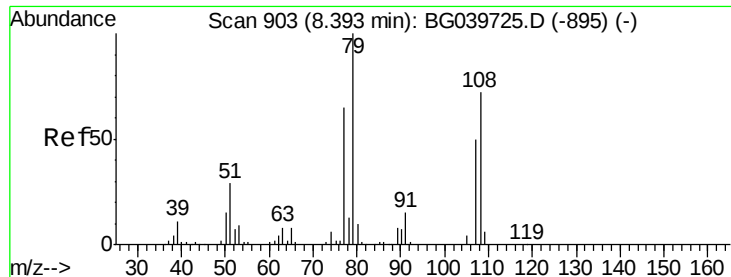
Ion Ratio Lower Upper

93 100

63 545.7 69.5 109.5#

95 372.0 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.544 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.07 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

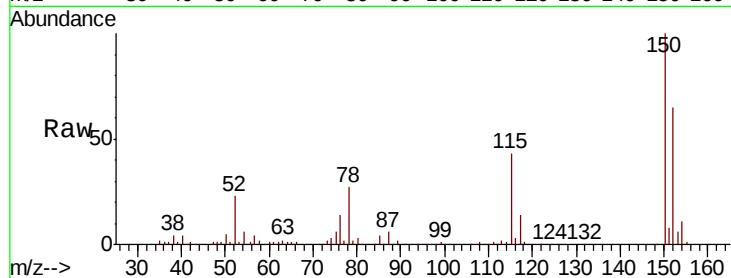
Tgt Ion: 79 Resp: 4661

Ion Ratio Lower Upper

79 100

108 30.2 57.8 86.6#

77 103.9 51.1 76.7#

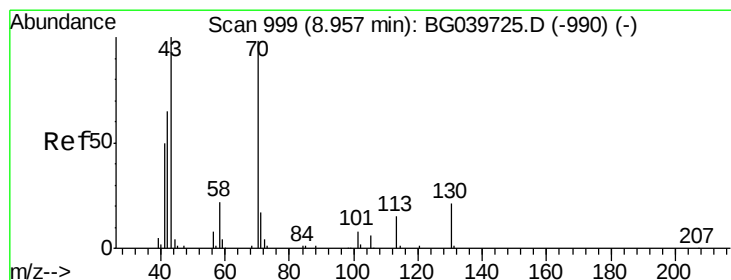
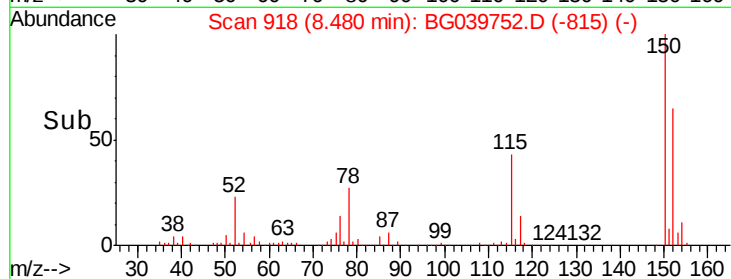
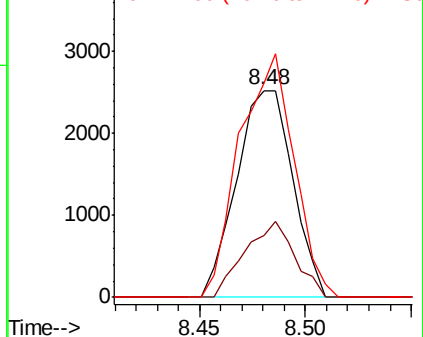


Abundance

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: 13.904 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Tgt Ion: 70 Resp: 38076

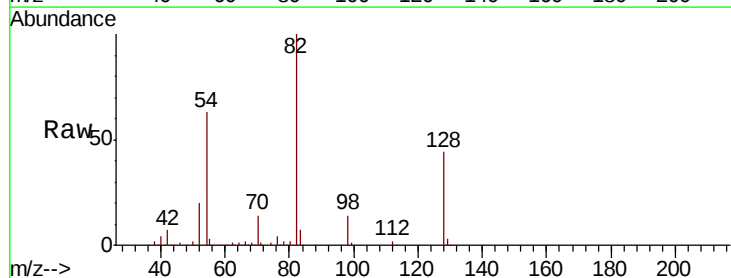
Ion Ratio Lower Upper

70 100

42 54.5 60.4 90.6#

101 0.0 7.5 11.3#

130 2.0 16.9 25.3#



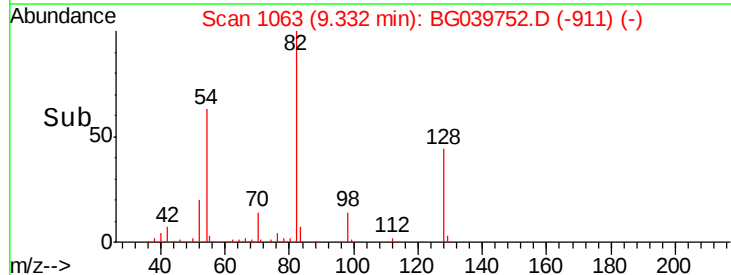
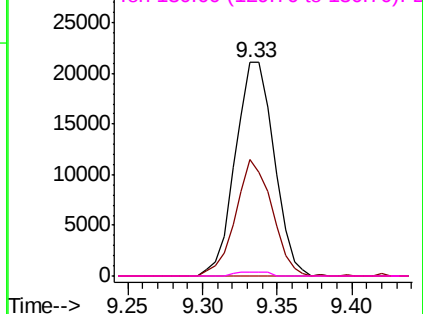
Abundance

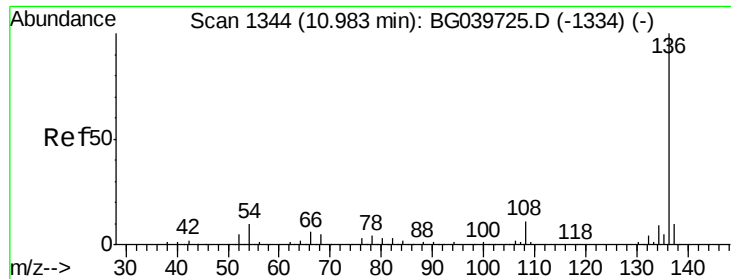
Ion 70.00 (69.70 to 70.70): BGC

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

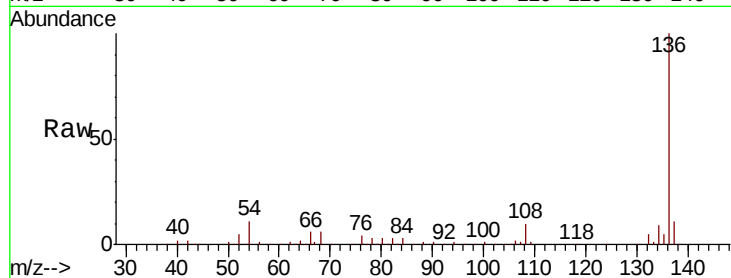




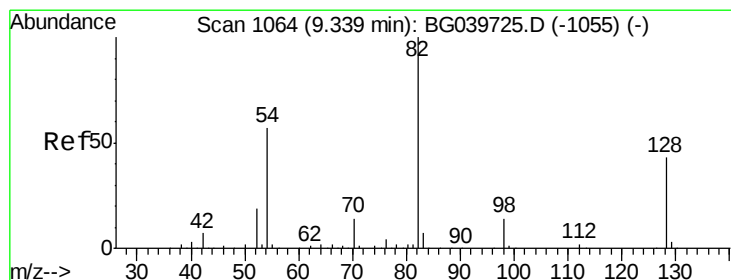
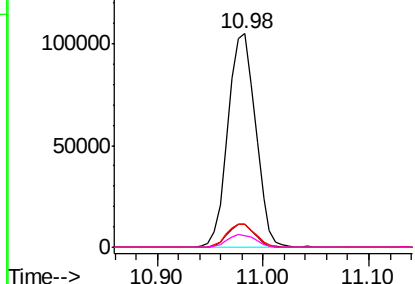
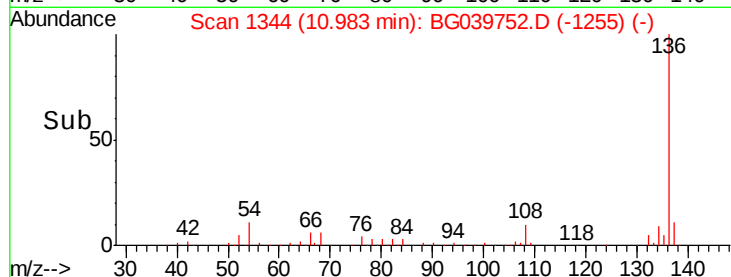
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
PB117574BL

Tgt Ion:	136	Resp:	190147
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.6	9.4	14.2
68	5.7	4.2	6.4

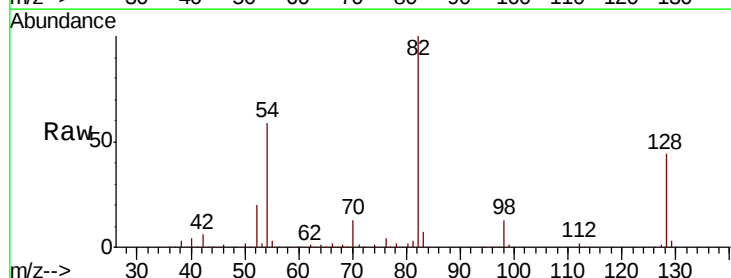


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

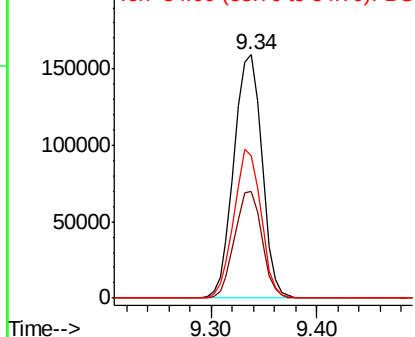
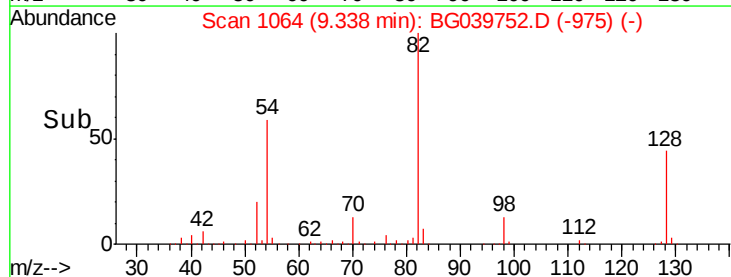


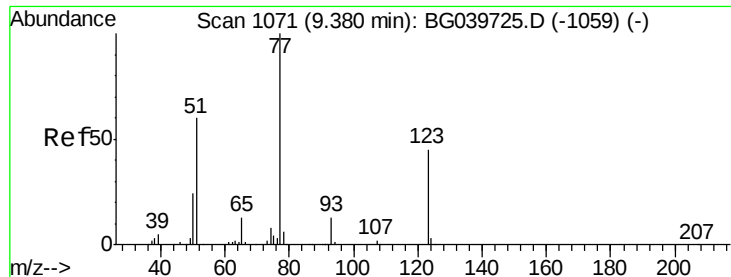
#23
Nitrobenzene-d5
Concen: 83.578 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion:	82	Resp:	293840
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	58.7	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

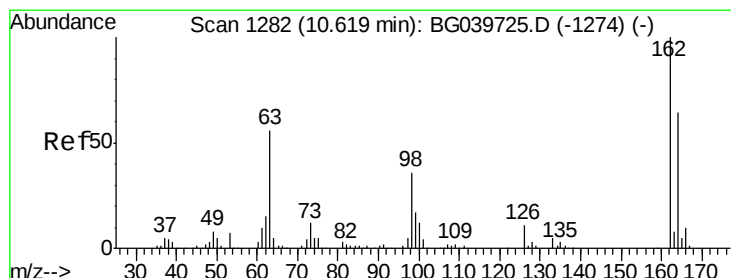
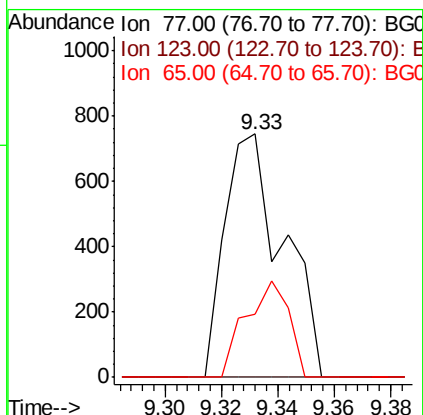
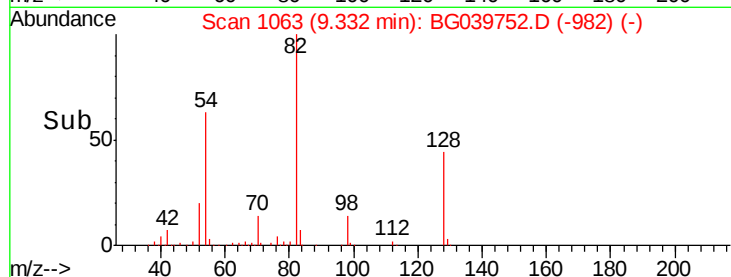
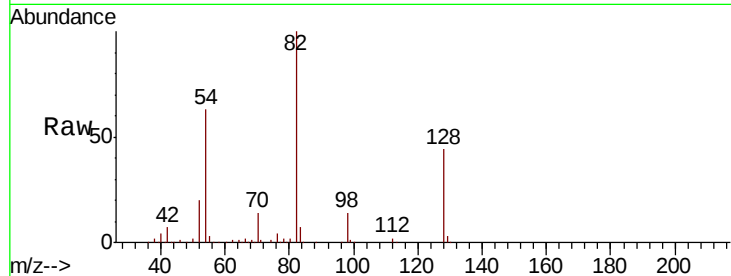




#24
Nitrobenzene
Concen: 0.289 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

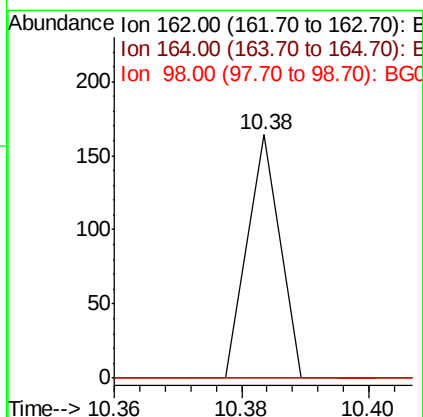
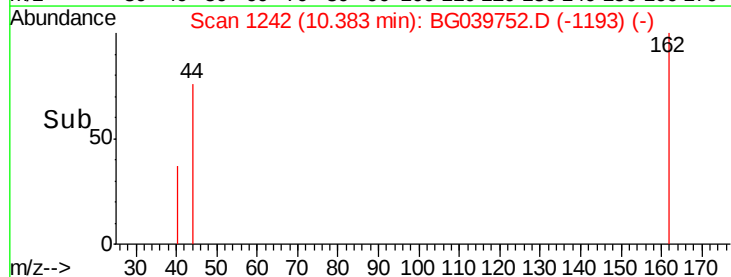
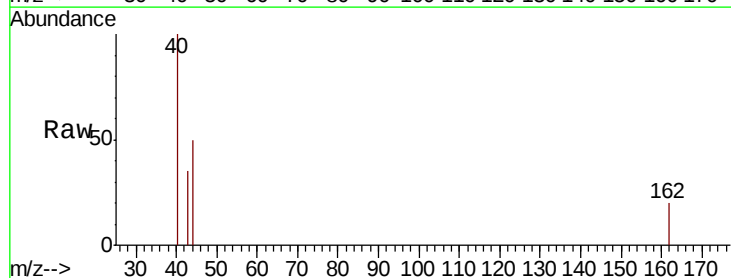
Instrument :
BNA_G
ClientSampleId :
PB117574BL

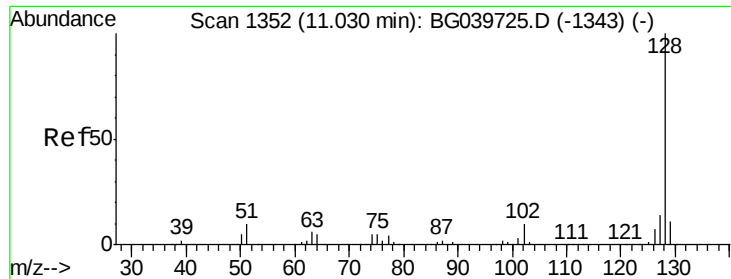
Tgt Ion: 77 Resp: 1065
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 25.7 12.3 18.5#



#29
2,4-Dichlorophenol
Concen: 0.019 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.24 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion: 162 Resp: 58
Ion Ratio Lower Upper
162 100
164 0.0 48.1 88.1#
98 0.0 18.1 58.1#

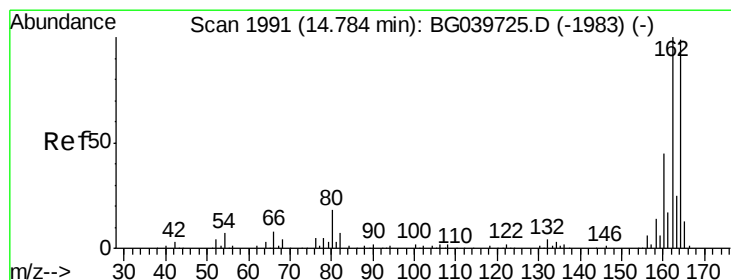
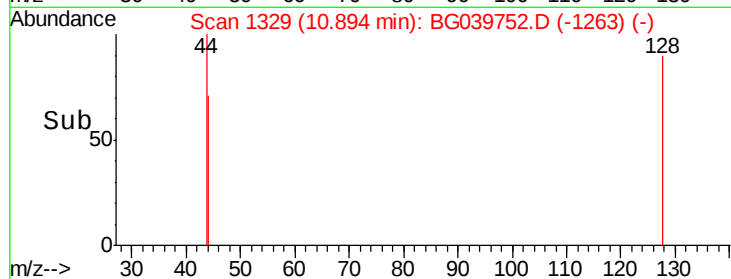
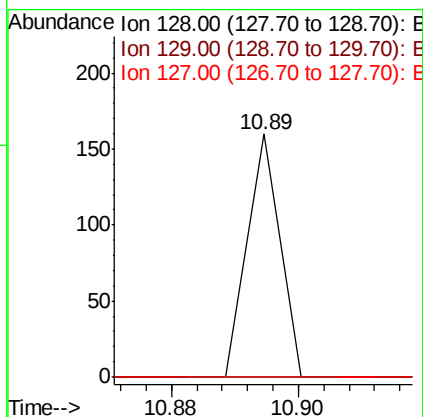
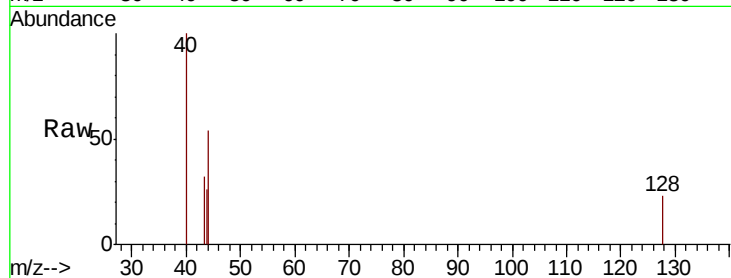




#31
Naphthalene
Concen: 0.006 ng
RT: 10.89 min Scan# 1329
Delta R.T. -0.14 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

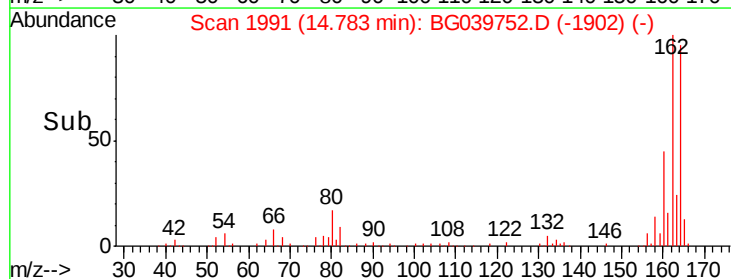
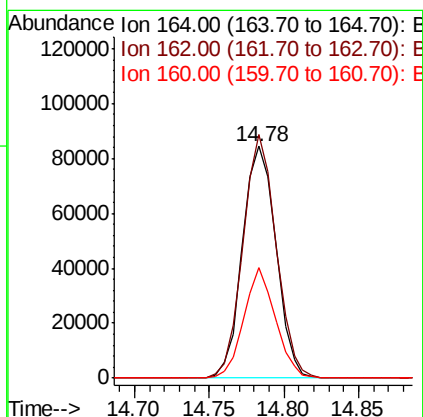
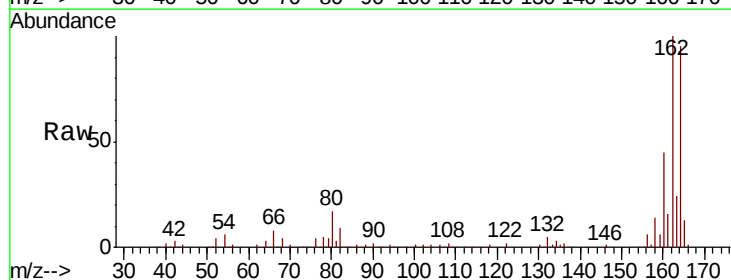
Instrument :
BNA_G
ClientSampleId :
PB117574BL

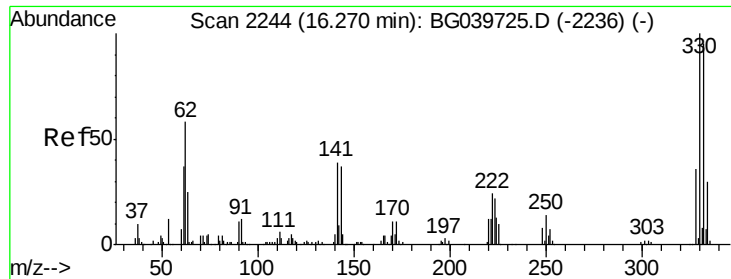
Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion:164 Resp: 131376
Ion Ratio Lower Upper
164 100
162 105.0 81.6 122.4
160 47.5 34.2 51.2

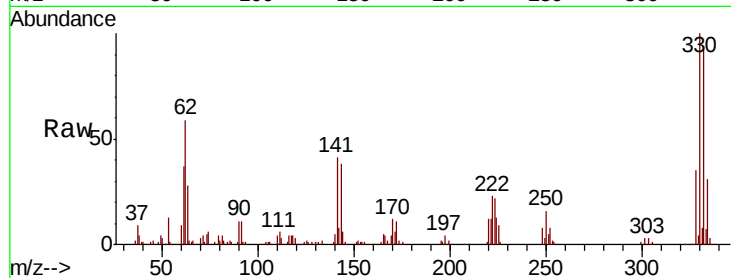




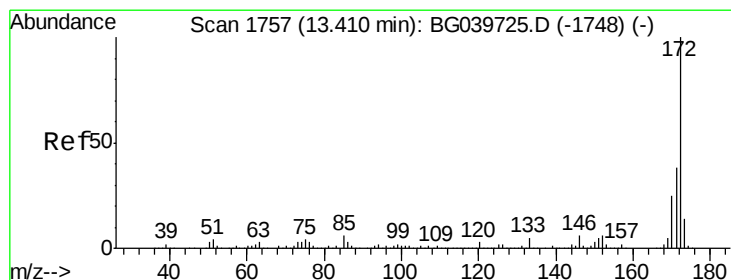
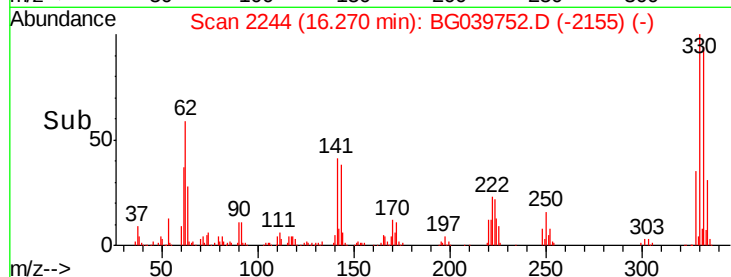
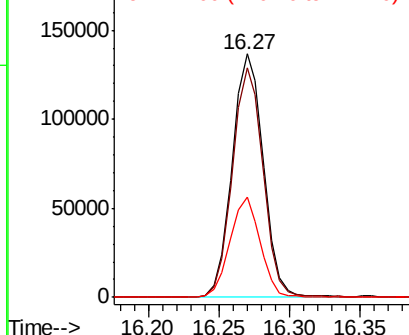
#42
 2,4,6-Tribromophenol
 Concen: 137.049 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BL

Tgt Ion:330 Resp: 209861
 Ion Ratio Lower Upper
 330 100
 332 92.8 75.7 113.5
 141 40.1 35.6 53.4

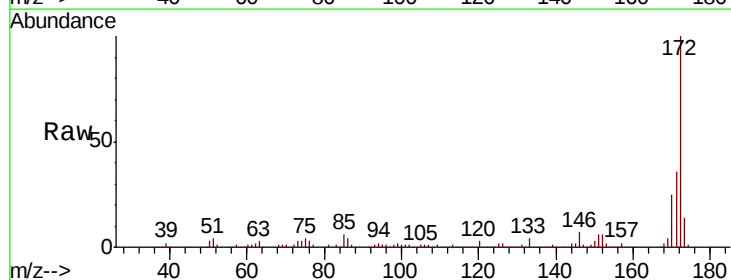


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

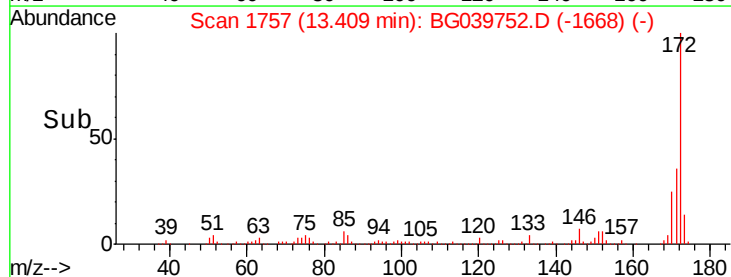
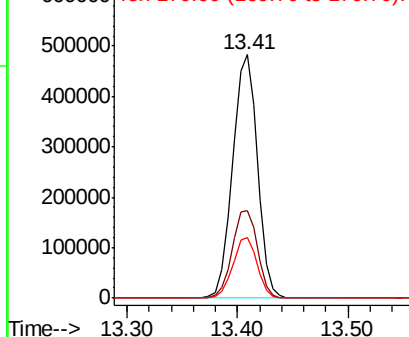


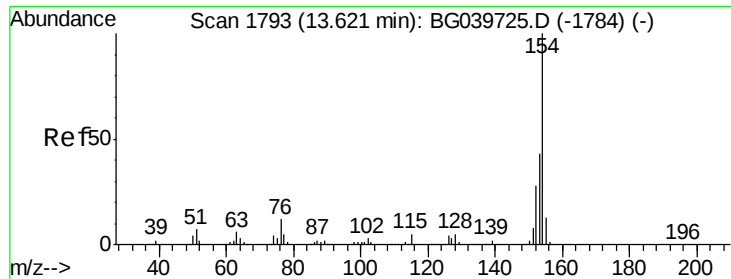
#45
 2-Fluorobiphenyl
 Concen: 82.228 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Tgt Ion:172 Resp: 758717
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 25.1 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

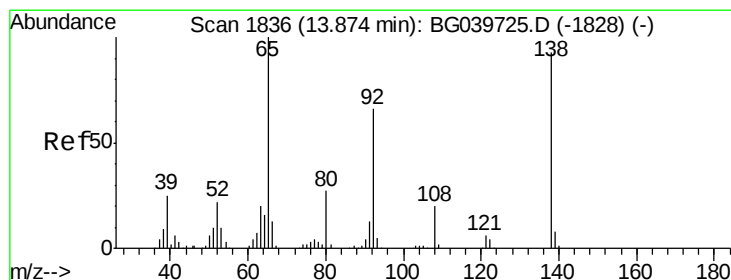
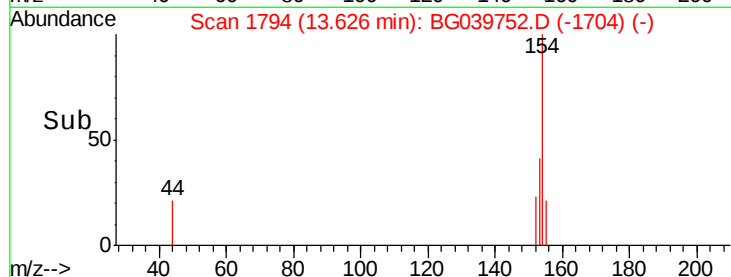
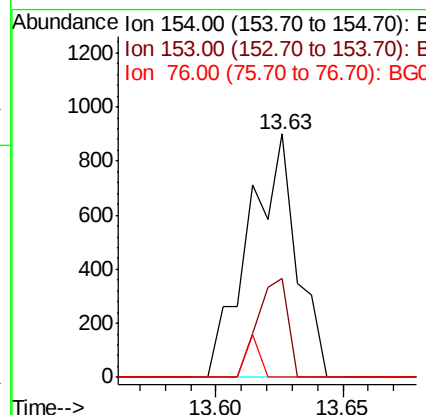
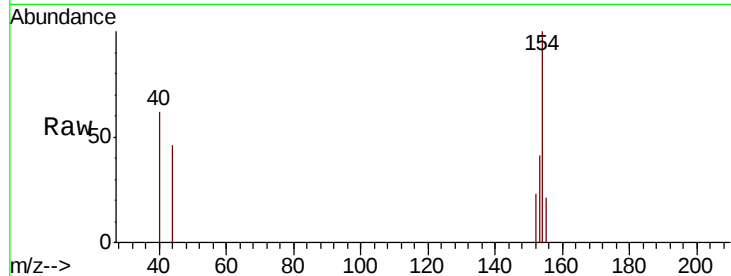




#46
1,1'-Biphenyl
Concen: 0.110 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

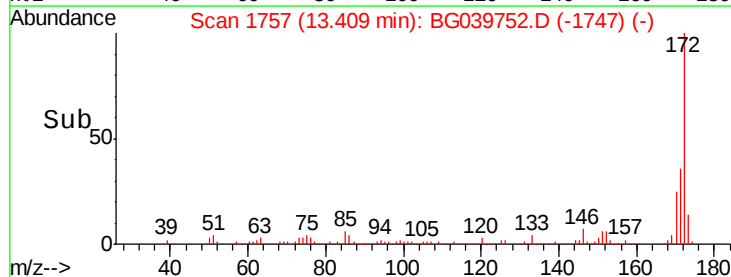
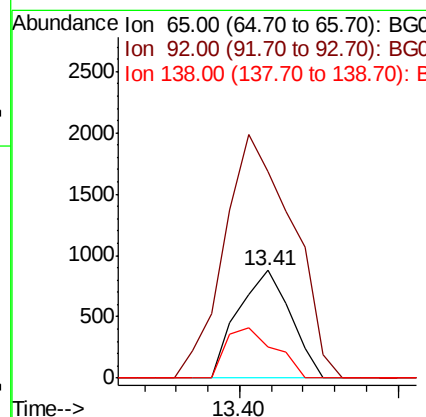
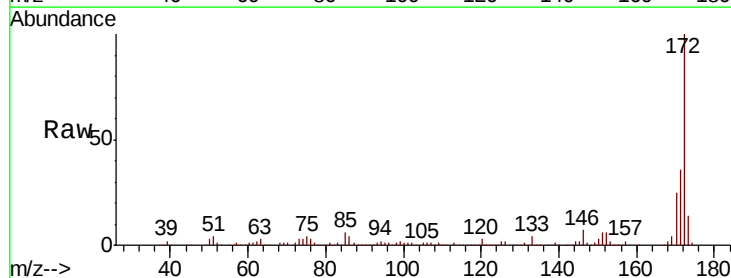
Instrument :
BNA_G
ClientSampleId :
PB117574BL

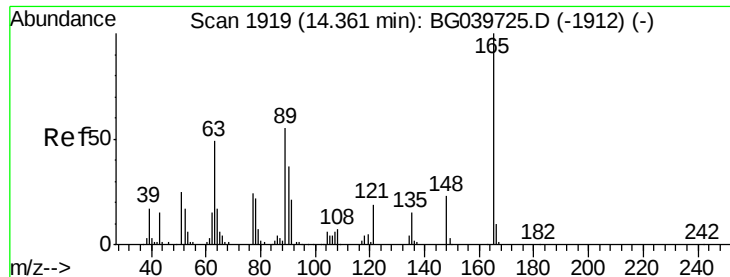
Tgt Ion: 154 Resp: 1188
Ion Ratio Lower Upper
154 100
153 40.7 22.1 62.1
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.386 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion: 65 Resp: 1008
Ion Ratio Lower Upper
65 100
92 191.7 51.4 77.2#
138 28.5 71.4 107.2#





#51

2,6-Dinitrotoluene

Concen: 7.151 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.42 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

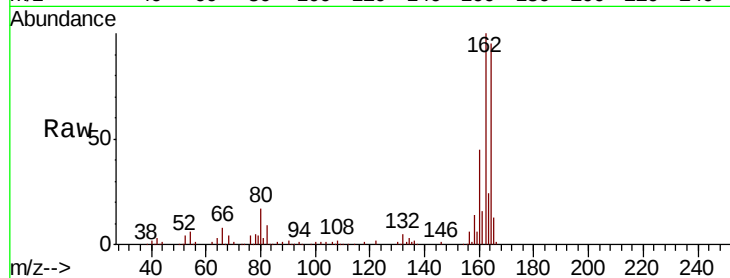
Tgt Ion:165 Resp: 16653

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

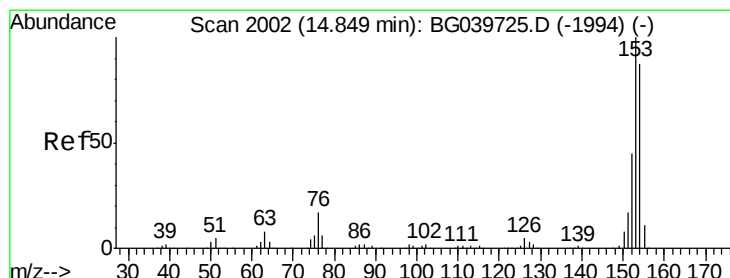
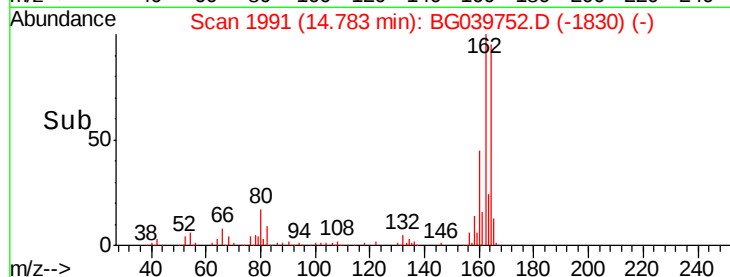
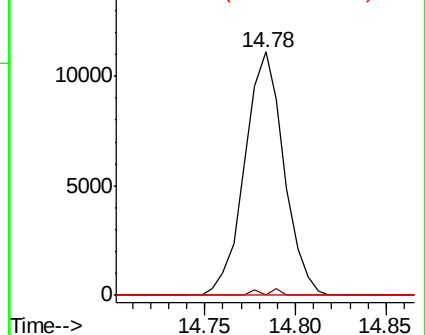
89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 0.050 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

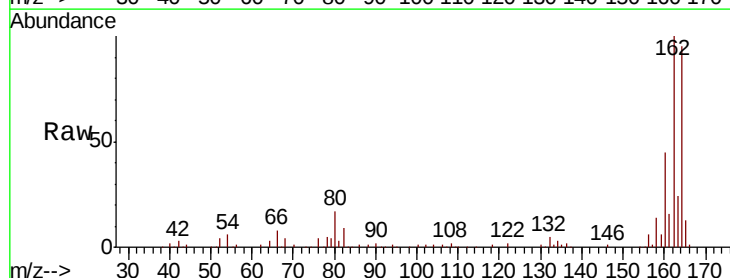
Tgt Ion:154 Resp: 403

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

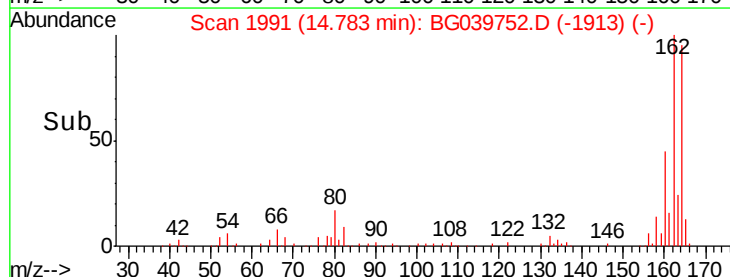
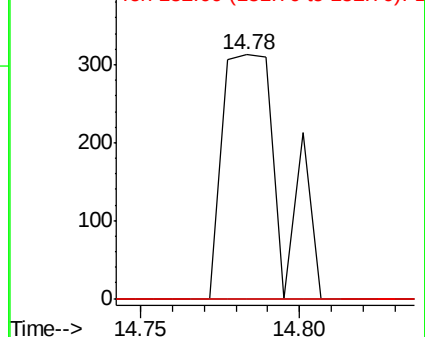
152 0.0 40.9 61.3#

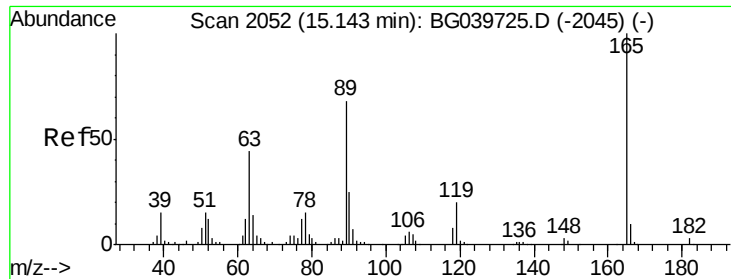


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

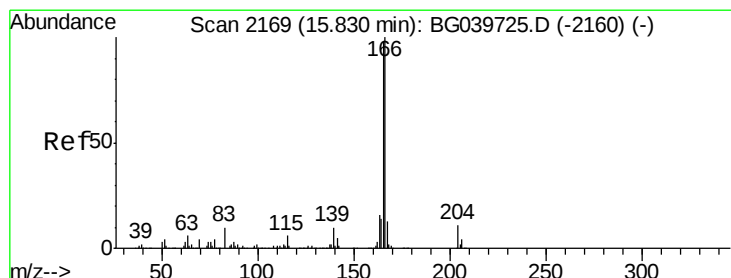
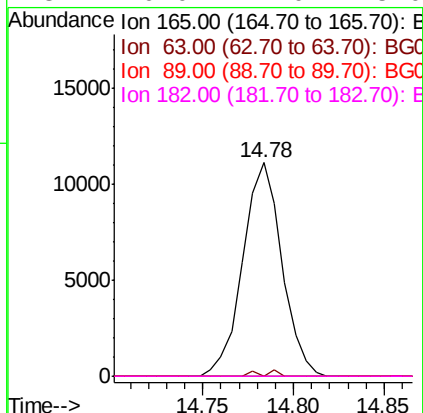
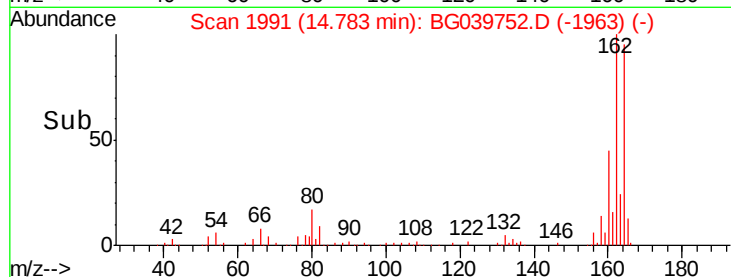
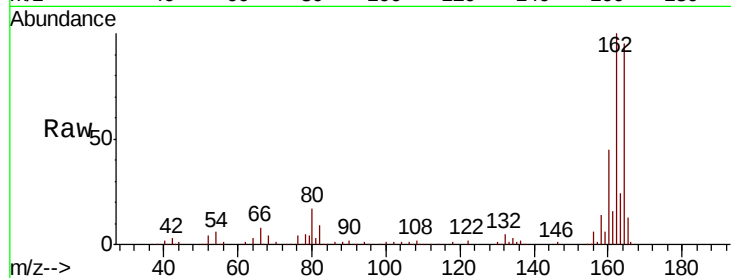




#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.37 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

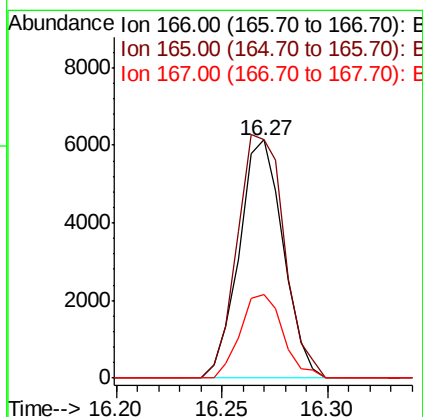
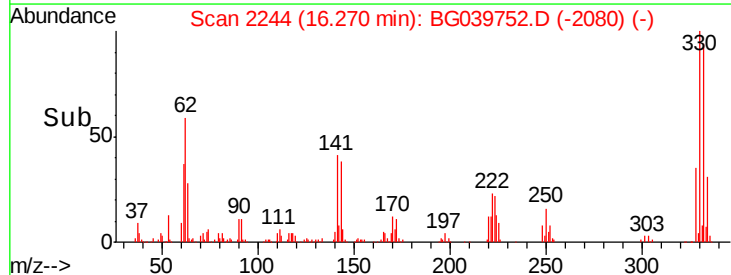
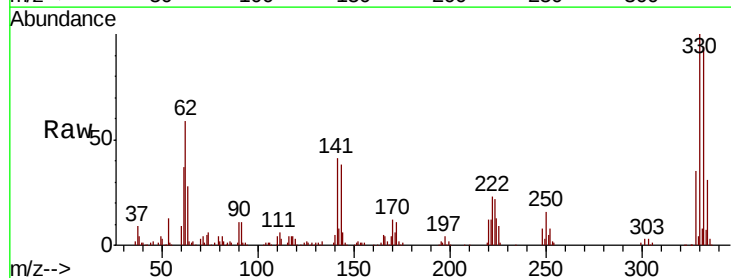
Instrument :
BNA_G
ClientSampleId :
PB117574BL

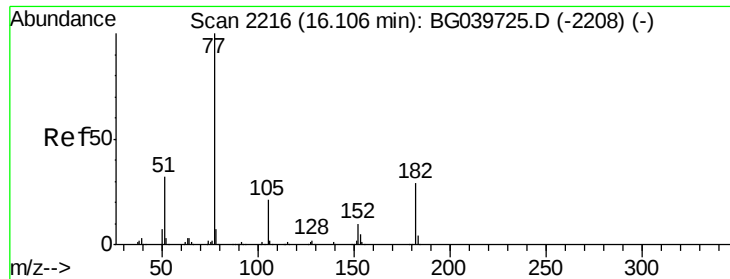
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58
Fluorene
Concen: 0.856 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.43 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.9	116.9
167	35.3	10.8	16.2#





#63

Azobenzene

Concen: 0.130 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.15 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

Tgt Ion: 77 Resp: 1278

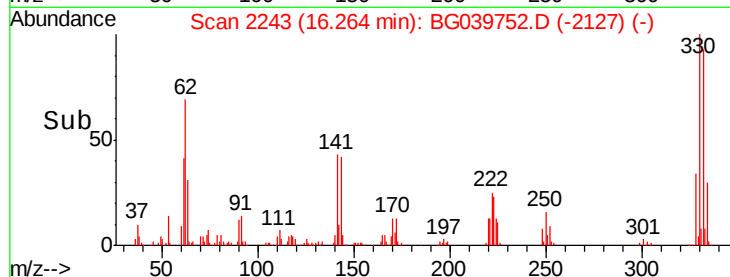
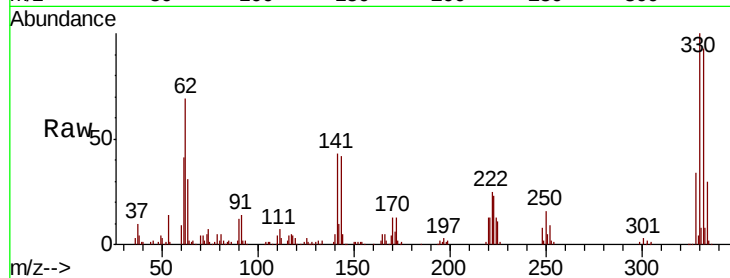
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 86.9 0.0 39.8#

51 50.8 14.1 54.1

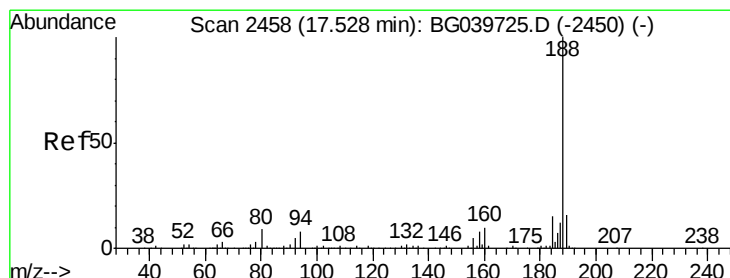
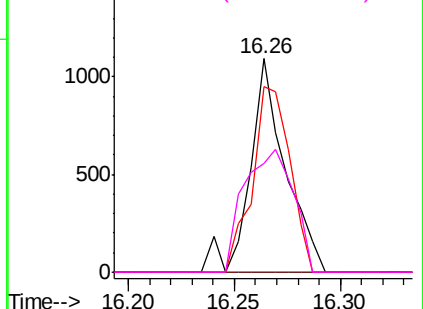


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

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: BG039752.D

Acq: 5 Mar 2019 5:34

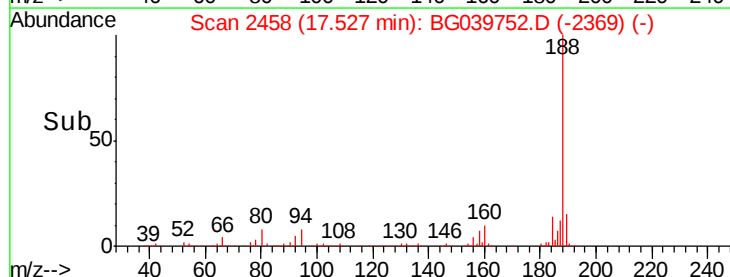
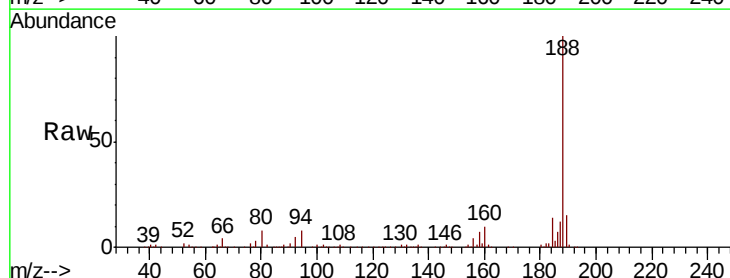
Tgt Ion: 188 Resp: 343168

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

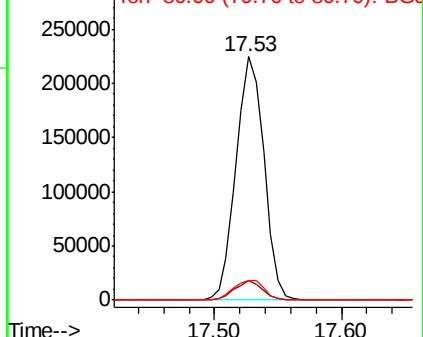
80 8.3 8.1 12.1

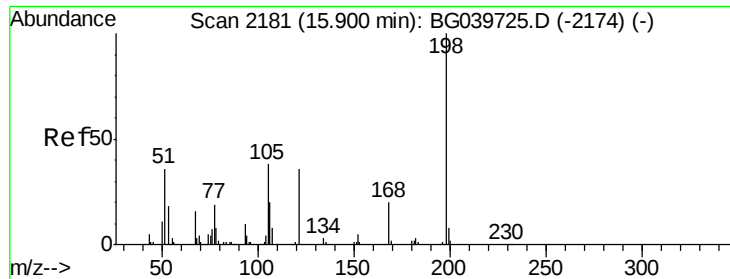


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 0.388 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

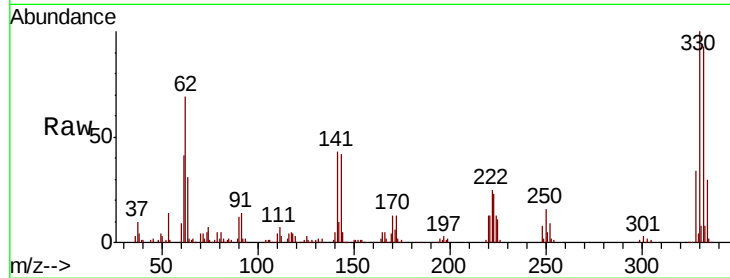
Tgt Ion:198 Resp: 787

Ion Ratio Lower Upper

198 100

51 79.2 27.4 67.4#

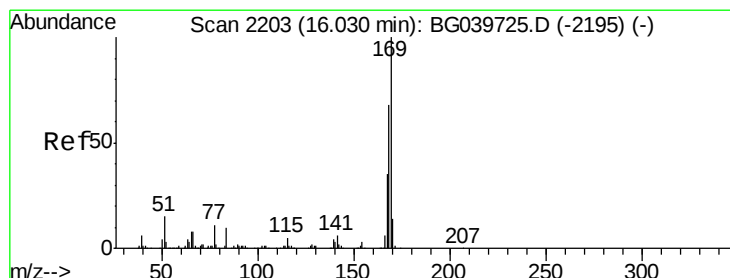
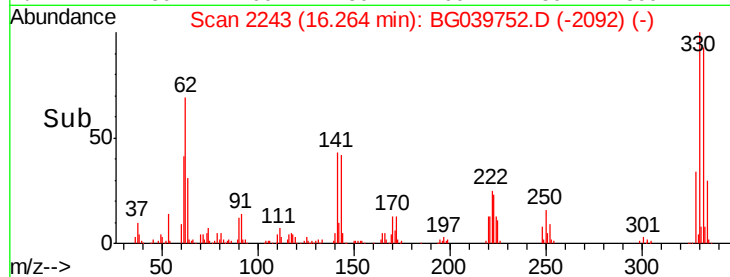
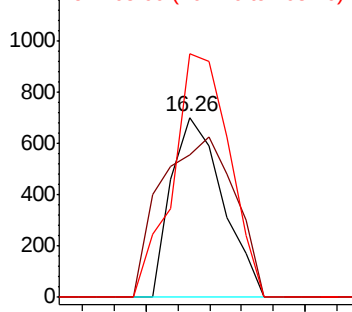
105 135.5 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.836 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.23 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

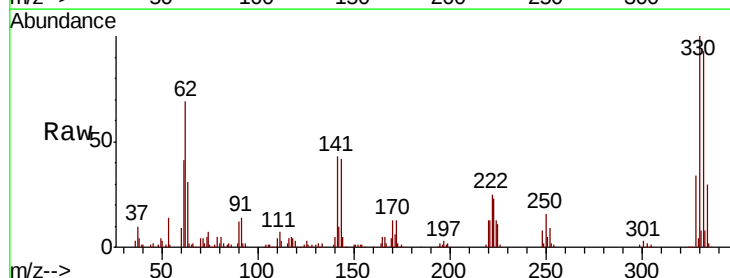
Tgt Ion:169 Resp: 8301

Ion Ratio Lower Upper

169 100

168 5.0 56.6 85.0#

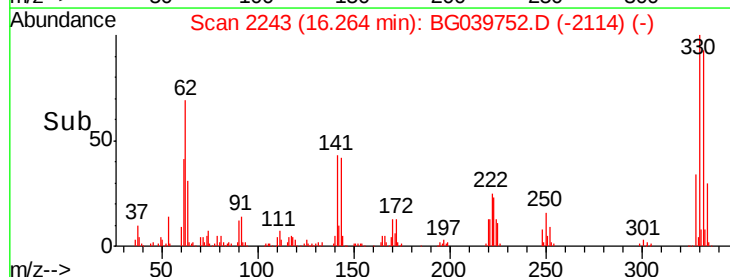
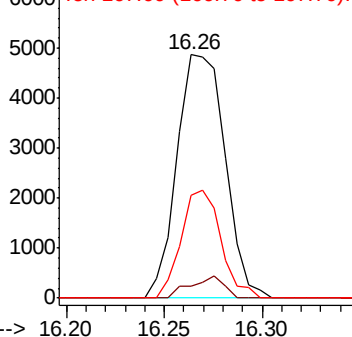
167 42.4 28.8 43.2

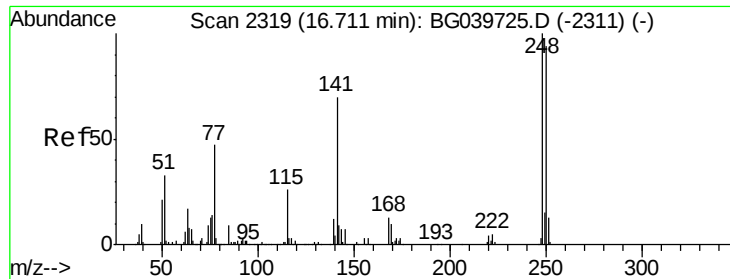


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

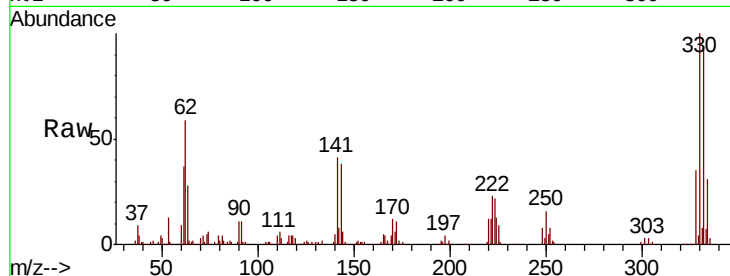




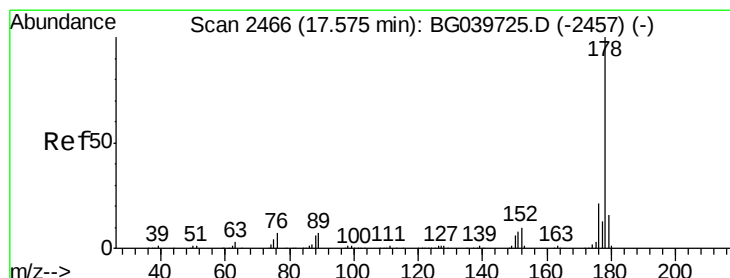
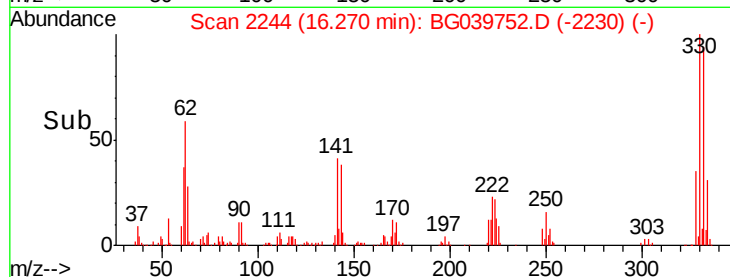
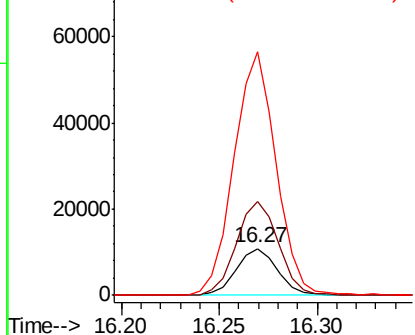
#67
 4-Bromophenyl-phenylether
 Concen: 4.112 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BL

Tgt Ion:248 Resp: 15794
 Ion Ratio Lower Upper
 248 100
 250 201.1 77.6 116.4#
 141 518.1 63.9 95.9#

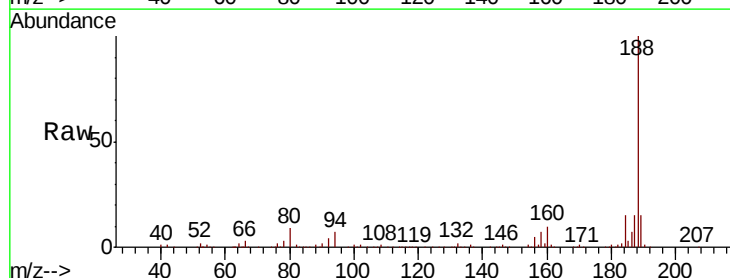


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

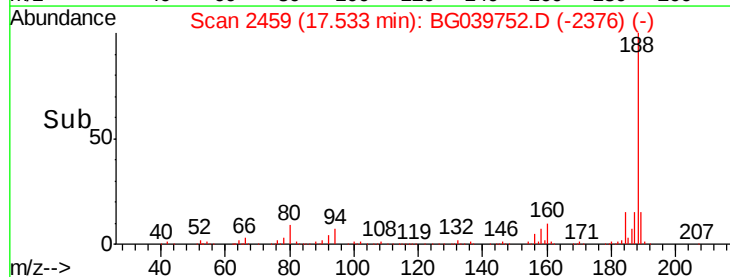
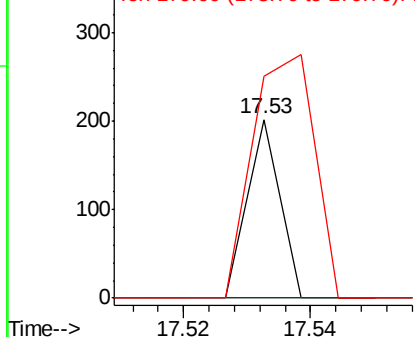


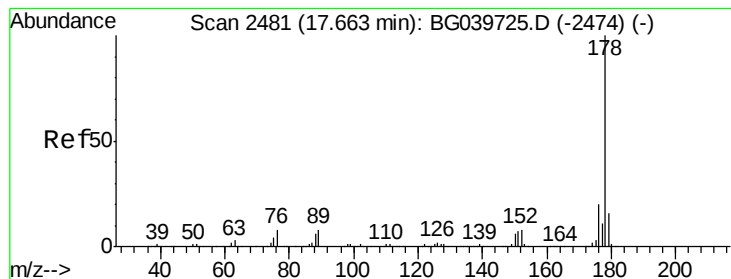
#71
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.53 min Scan# 2459
 Delta R.T. -0.04 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Tgt Ion:178 Resp: 71
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 124.3 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.004 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.14 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

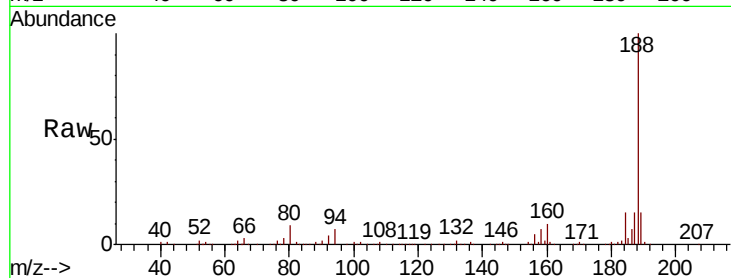
Tgt Ion:178 Resp: 71

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

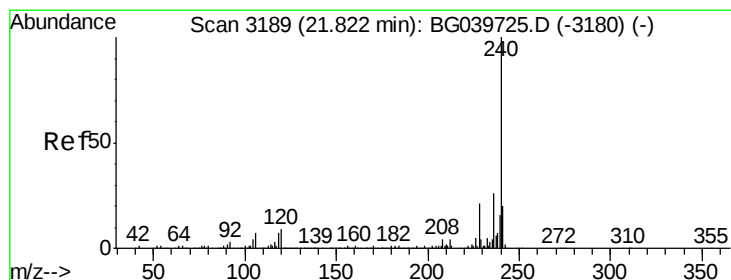
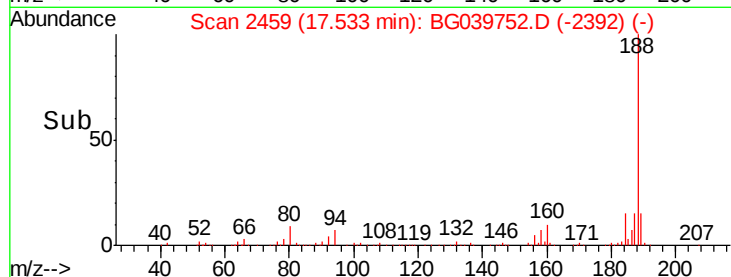
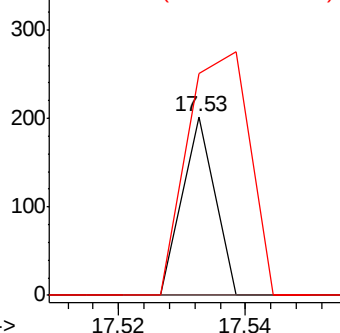
179 124.3 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

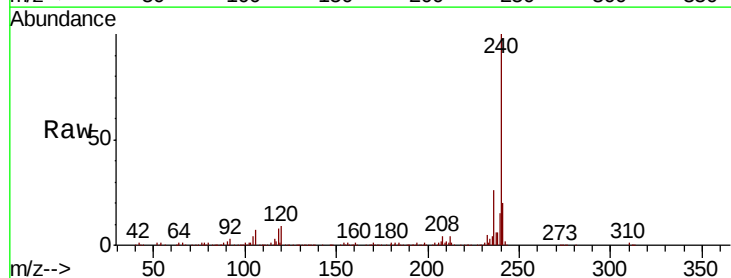
Tgt Ion:240 Resp: 363441

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

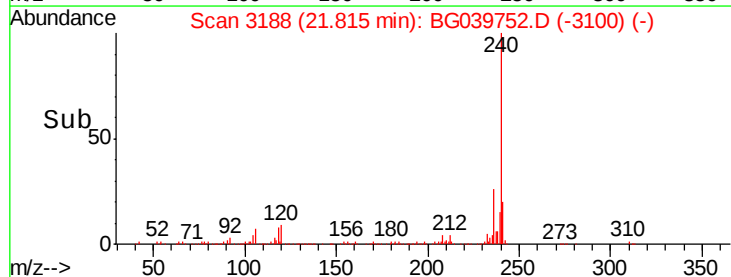
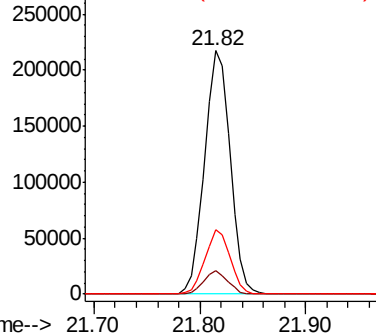
236 26.2 21.0 31.4

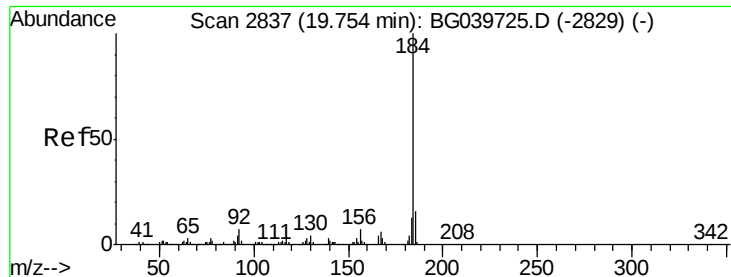


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.028 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.37 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

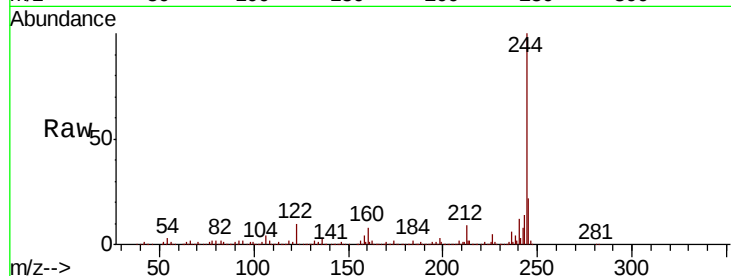
Tgt Ion:184 Resp: 23388

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

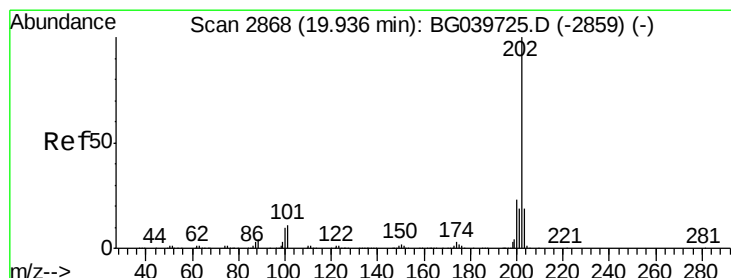
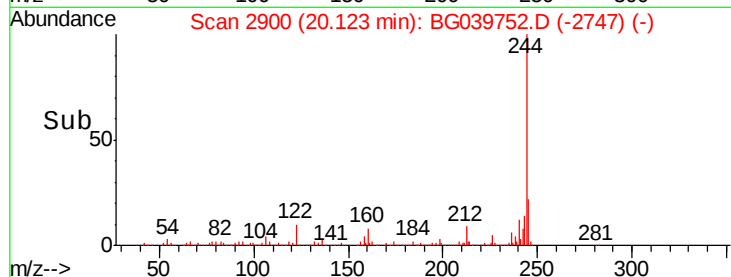
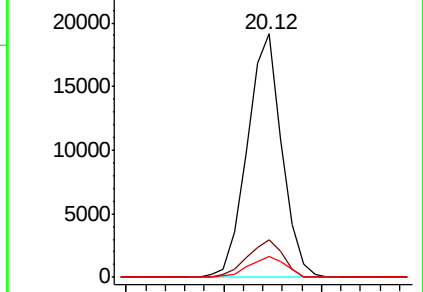
183 8.6 10.6 15.8#



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: 0.248 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.18 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

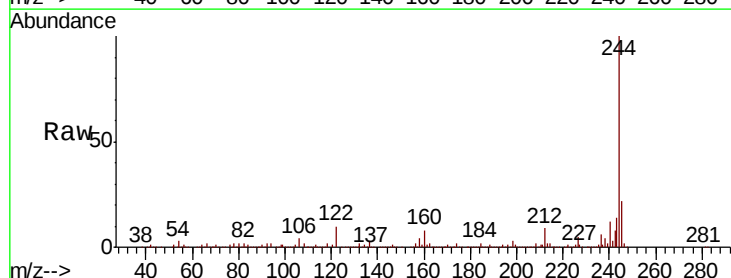
Tgt Ion:202 Resp: 5863

Ion Ratio Lower Upper

202 100

200 48.7 17.8 26.8#

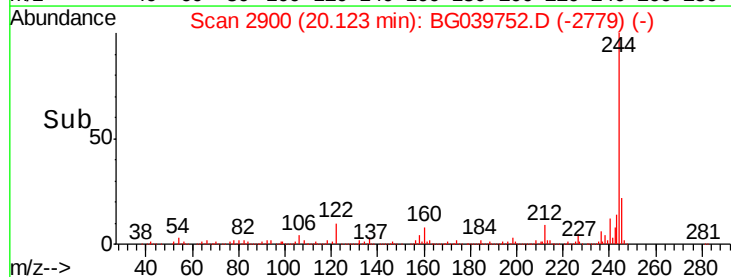
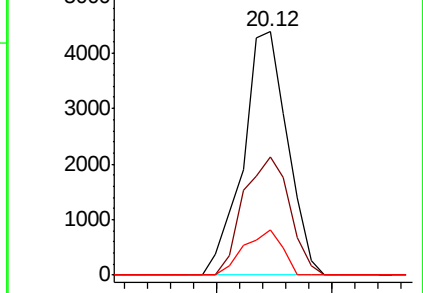
203 18.4 15.3 22.9

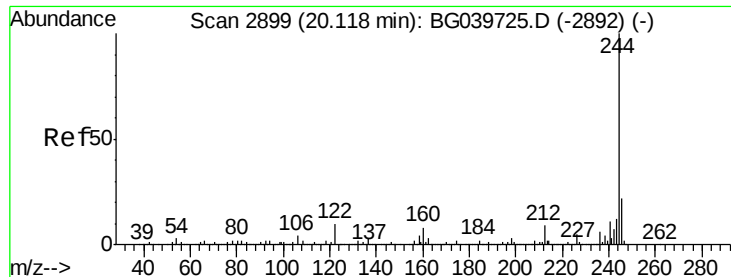


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.365 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

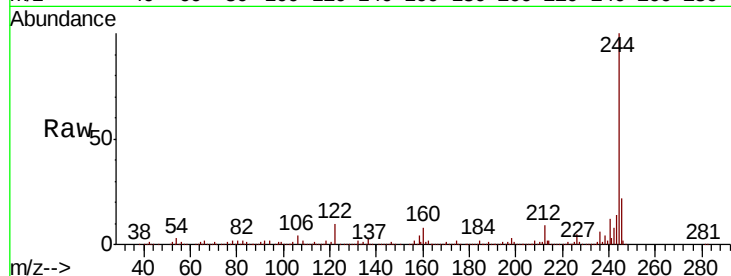
Tgt Ion:244 Resp: 1359558

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

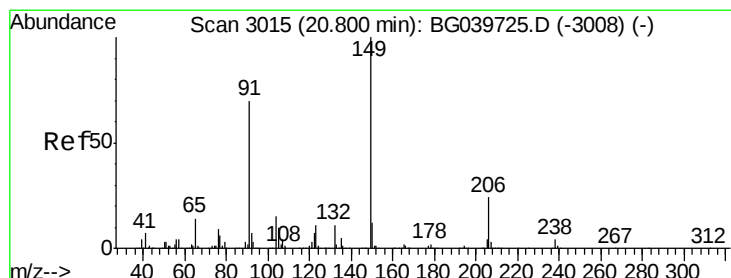
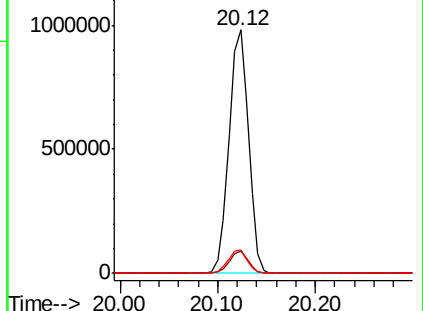
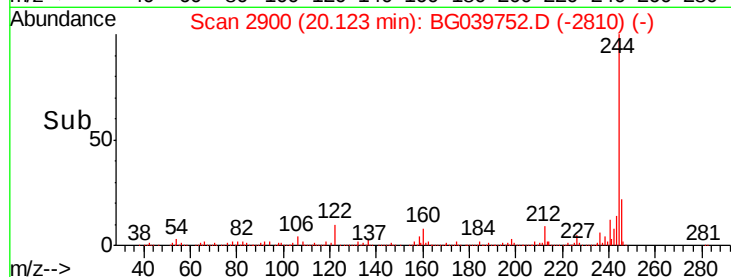
122 9.9 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.006 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

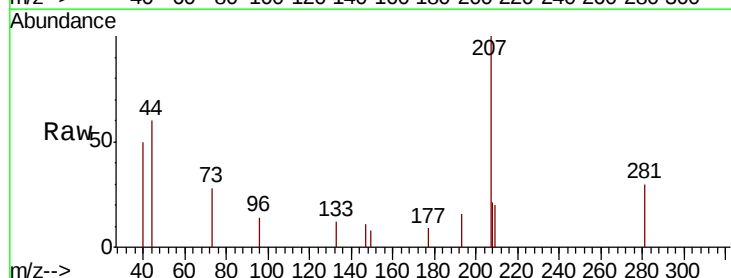
Tgt Ion:149 Resp: 53

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

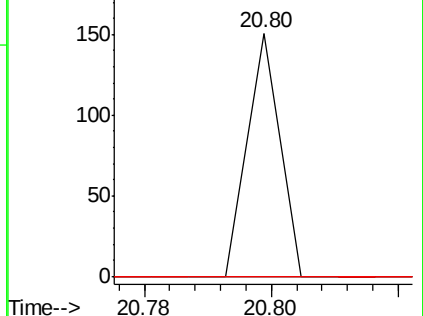
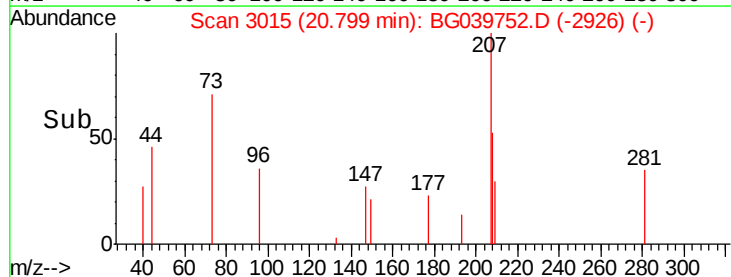
206 0.0 18.6 27.8#

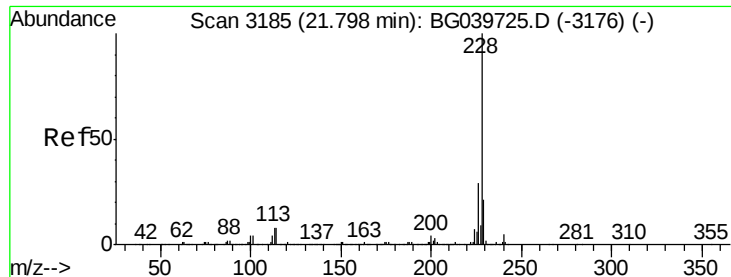


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.83 min Scan# 3190

Delta R.T. 0.02 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

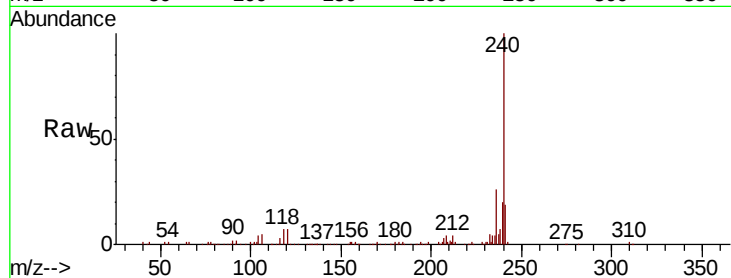
Tgt Ion:228 Resp: 1153

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

229 24.1 16.9 25.3

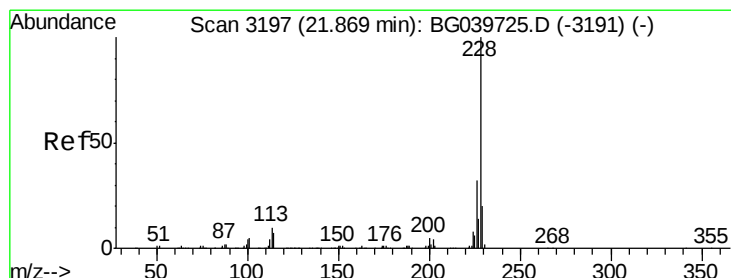
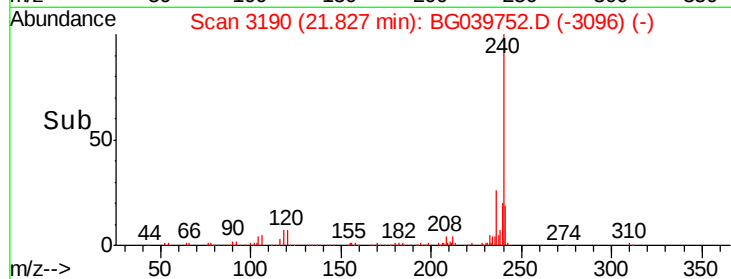
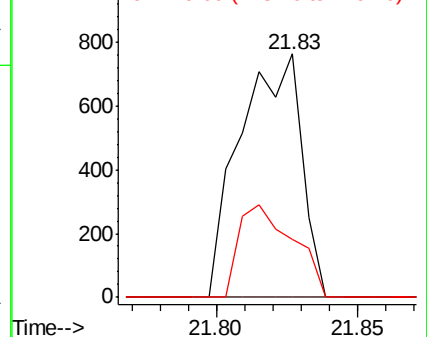


Abundance

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



#83

Chrysene

Concen: 0.052 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.05 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

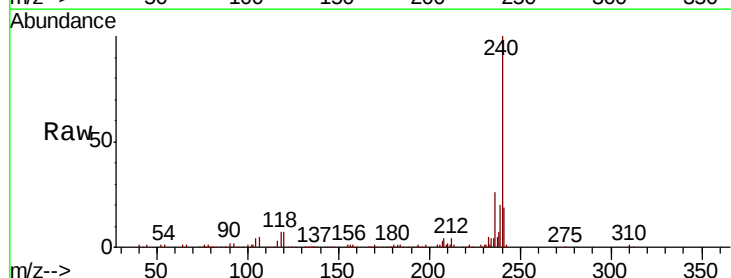
Tgt Ion:228 Resp: 1153

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 24.1 16.6 25.0

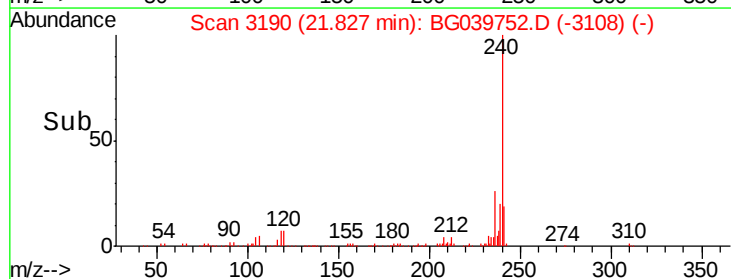
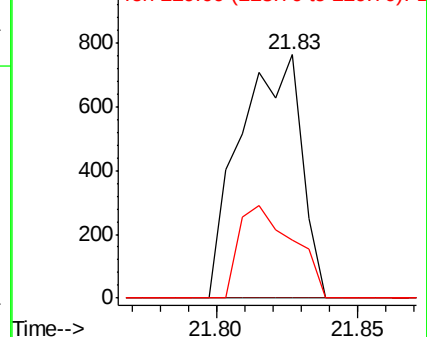


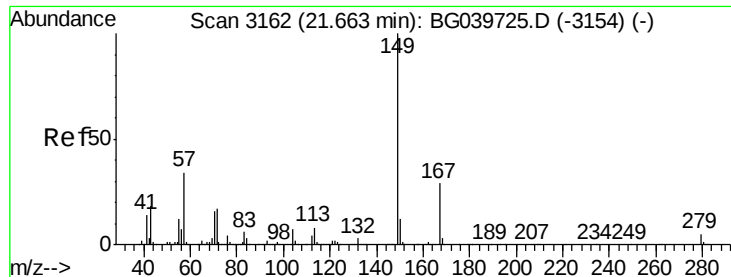
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

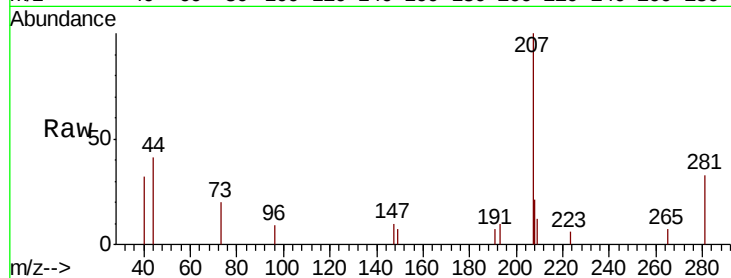
Tgt Ion:149 Resp: 67

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

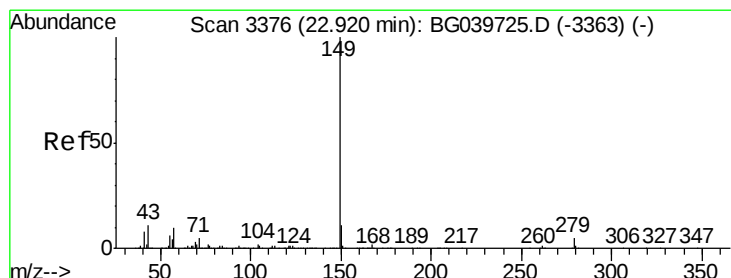
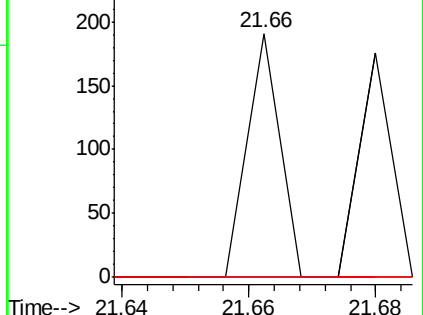
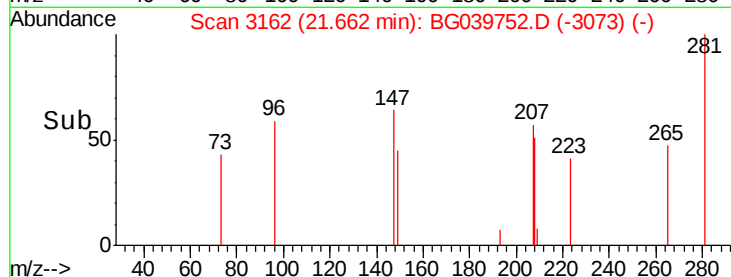
279 0.0 3.5 5.3#



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: 22.88 min Scan# 3370

Delta R.T. -0.04 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

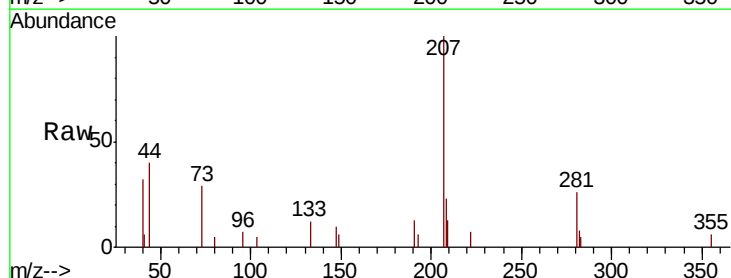
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

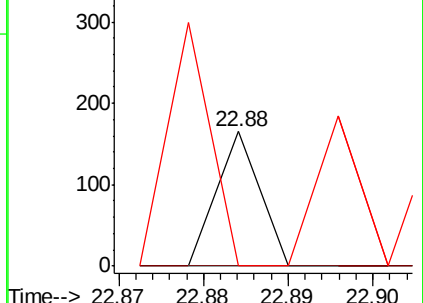
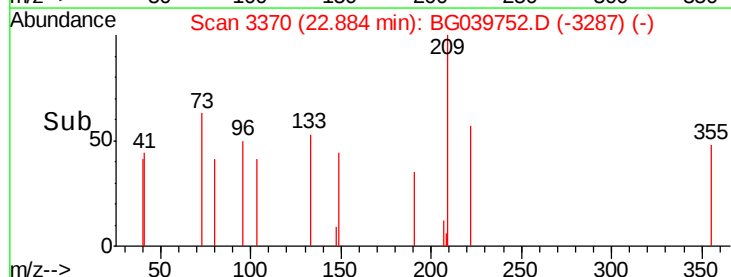
43 0.0 10.2 15.4#

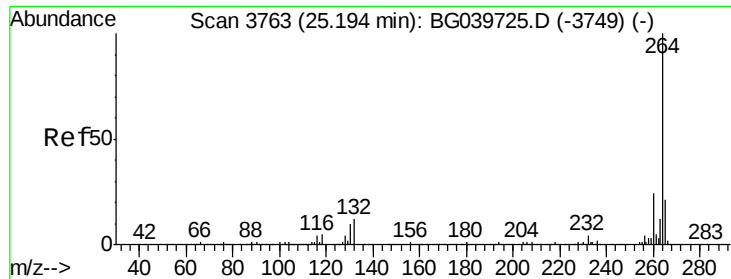


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

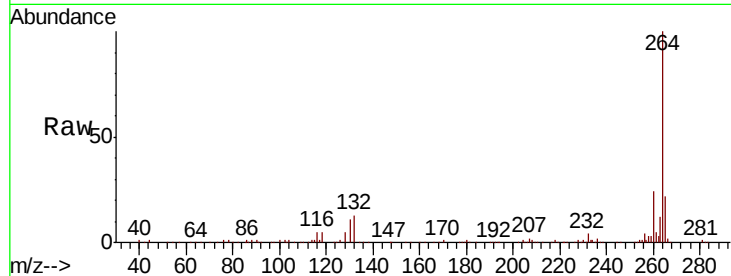
Tgt Ion:264 Resp: 368941

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

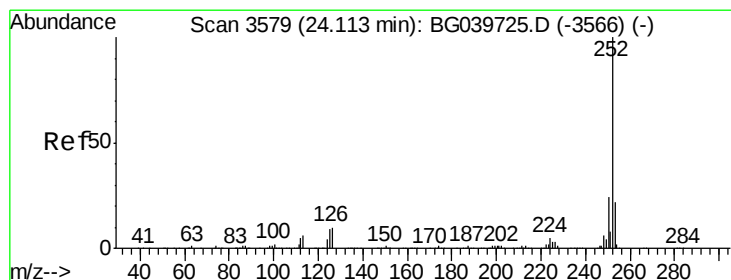
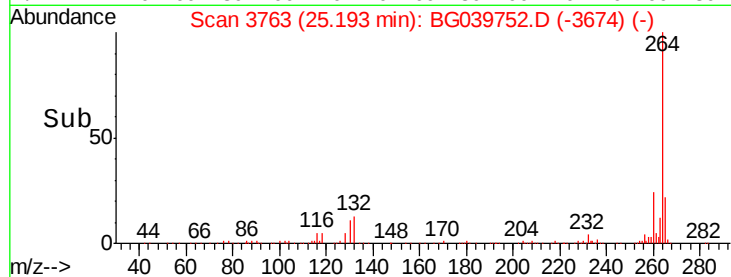
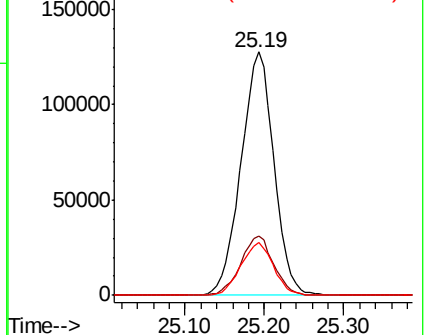
265 21.7 18.5 27.7



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: 23.79 min Scan# 3525

Delta R.T. -0.32 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

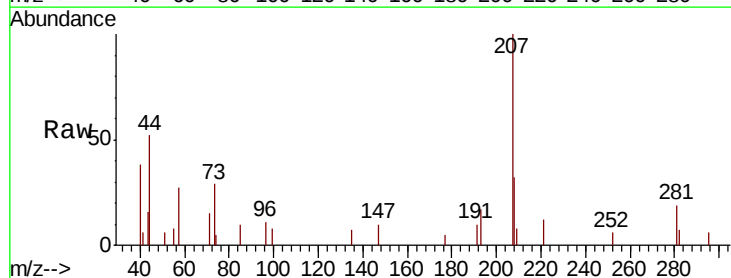
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

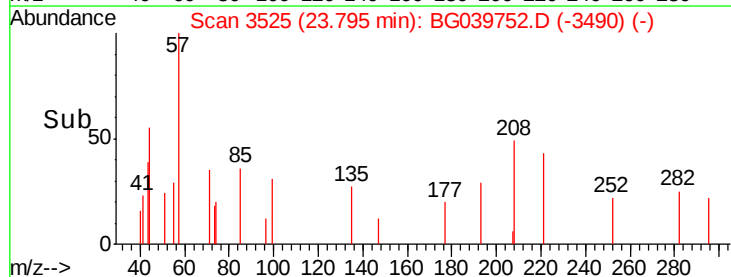
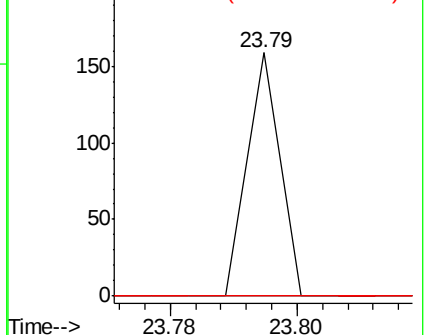
125 0.0 7.8 11.6#

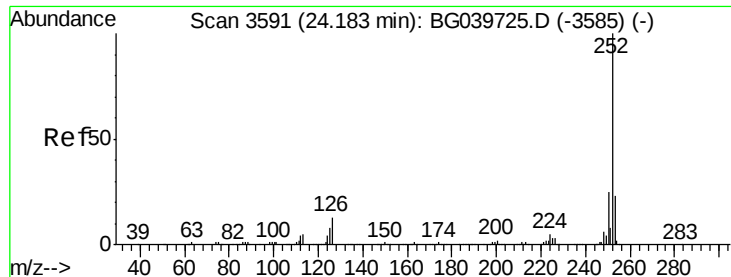


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.79 min Scan# 3525

Delta R.T. -0.40 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

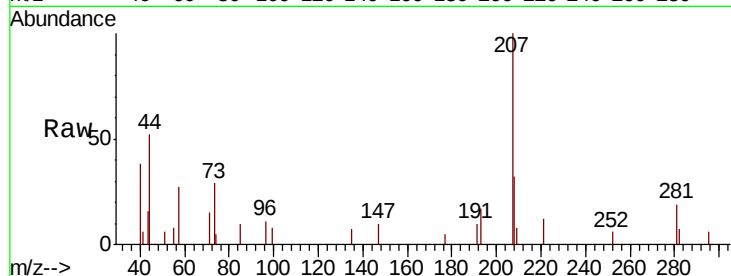
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

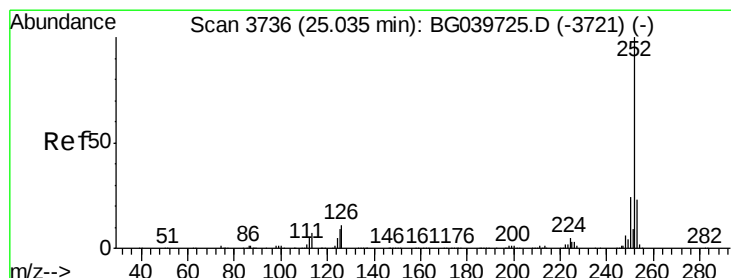
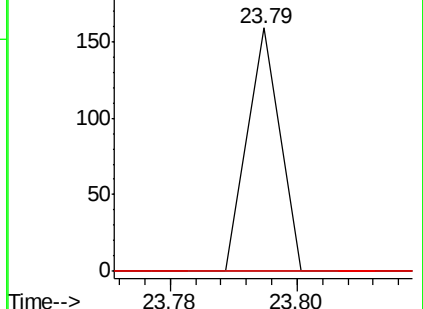
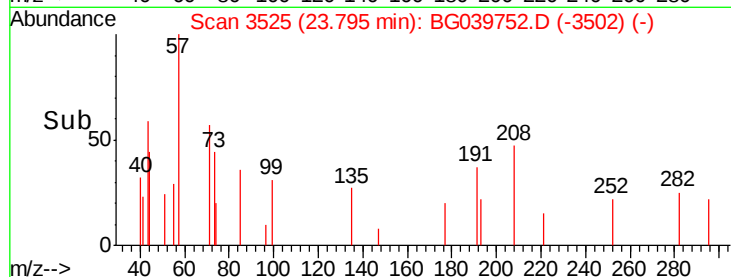
125 0.0 7.4 11.2#



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: 0.067 ng

RT: 25.19 min Scan# 3762

Delta R.T. 0.15 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

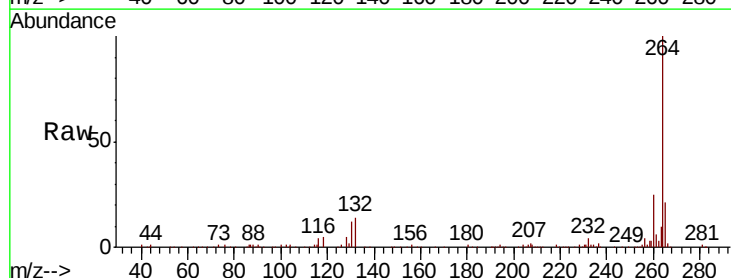
Tgt Ion:252 Resp: 1353

Ion Ratio Lower Upper

252 100

253 39.8 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

