

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040004.D
 Acq On : 19 Mar 2019 16:00
 Operator : JU/SJ
 Sample : PB118018BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Quant Time: Mar 20 04:08:47 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	8.14	152	43756	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	187062	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	121633	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	288194	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	312448	20.00	ng	-0.03
87) Perylene-d12	25.16	264	306394	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	338958	132.16	ng	-0.02
7) Phenol-d6	7.29	99	480469	125.64	ng	-0.02
23) Nitrobenzene-d5	9.32	82	292018	84.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	174277	122.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	706743	82.73	ng	-0.02
79) Terphenyl-d14	20.11	244	1078345	75.99	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.88	88	67	0.057	ng	# 1
4) n-Nitrosodimethylamine	3.91	42	109	0.072	ng	# 1
6) Aniline	7.66	93	641	0.128	ng	# 1
9) Benzaldehyde	7.29	77	762	0.309	ng	# 4
10) Phenol	7.68	94	793	0.191	ng	# 1
11) bis(2-Chloroethyl)ether	7.66	93	641	0.198	ng	# 1
15) Benzyl Alcohol	8.47	79	4391	1.447	ng	# 42
18) Hexachloroethane	8.97	117	57	0.044	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	38525	13.996	ng	# 69
24) Nitrobenzene	9.32	77	968	0.267	ng	# 19
25) Isophorone	9.40	82	627	0.087	ng	# 67
46) 1,1'-Biphenyl	13.62	154	1026	0.103	ng	# 72
48) 2-Nitroaniline	13.39	65	1085	0.449	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	15610	7.240	ng	# 23
52) Acenaphthene	14.77	154	446	0.060	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	15610	5.152	ng	# 18
58) Fluorene	16.25	166	7415	0.773	ng	# 92
63) Azobenzene	16.26	77	954	0.105	ng	# 14
65) 4,6-Dinitro-2-methylphenol	16.26	198	707	0.415	ng	# 22
66) n-Nitrosodiphenylamine	16.26	169	7230	0.867	ng	# 50
67) 4-Bromophenyl-phenylether	16.26	248	13512	4.189	ng	# 1
71) Phenanthrene	17.56	178	58	0.004	ng	# 59
72) Anthracene	17.56	178	58	0.004	ng	# 60
77) Benzidine	20.11	184	19640	1.981	ng	# 91
78) Pyrene	20.11	202	4298	0.212	ng	# 79
80) Butylbenzylphthalate	20.88	149	91	0.012	ng	# 22
81) Benzo(a)anthracene	21.80	228	799	0.041	ng	# 58
82) 3,3'-Dichlorobenzidine	21.69	252	56	0.008	ng	# 26
83) Chrysene	21.80	228	799	0.042	ng	# 55
84) Bis(2-ethylhexyl)phthalate	21.65	149	496	0.045	ng	# 52
85) Di-n-octyl phthalate	22.87	149	57	0.003	ng	# 71
90) Benzo(a)pyrene	25.16	252	1227	0.073	ng	# 60

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

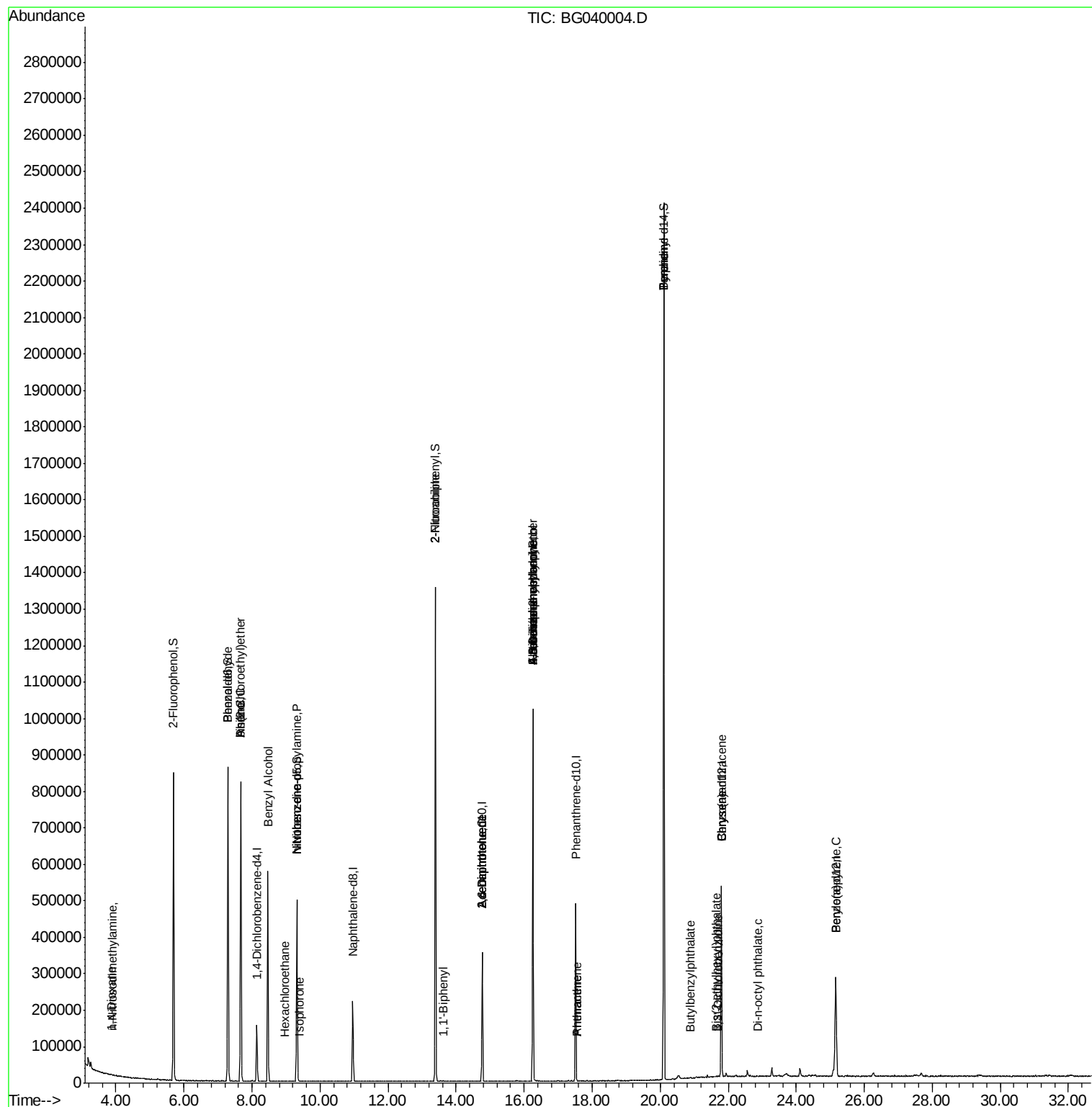
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

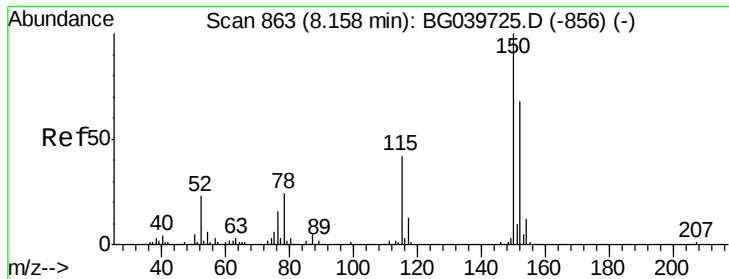
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

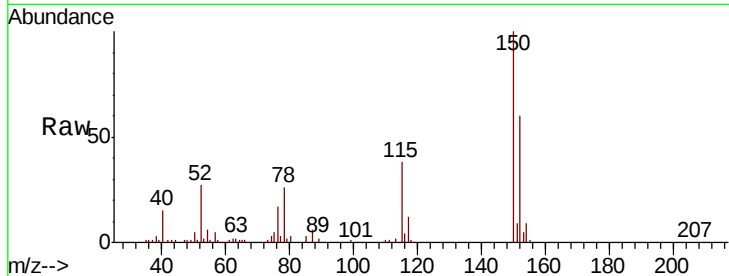
Tgt Ion:152 Resp: 43756

Ion Ratio Lower Upper

152 100

150 165.8 123.7 185.5

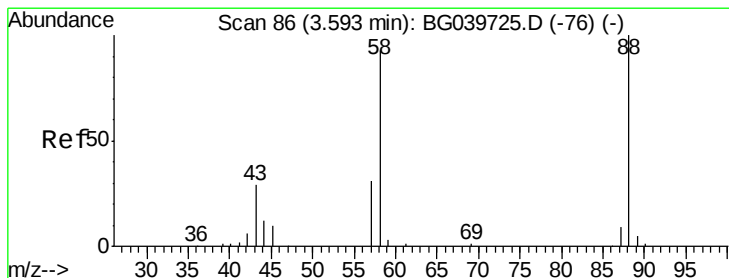
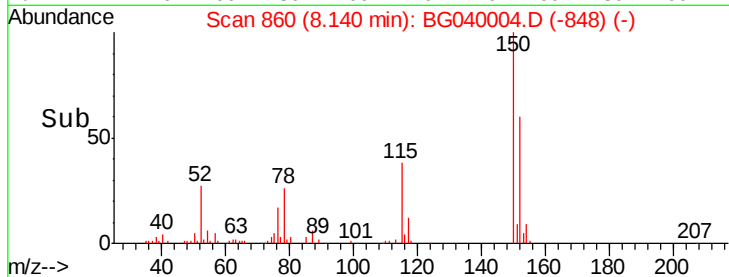
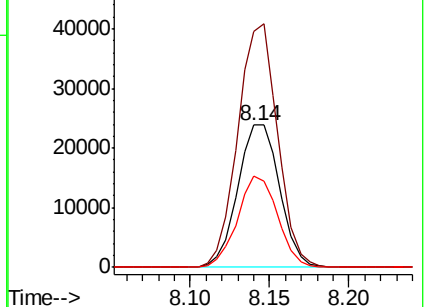
115 63.8 45.9 68.9



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: 0.057 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.27 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

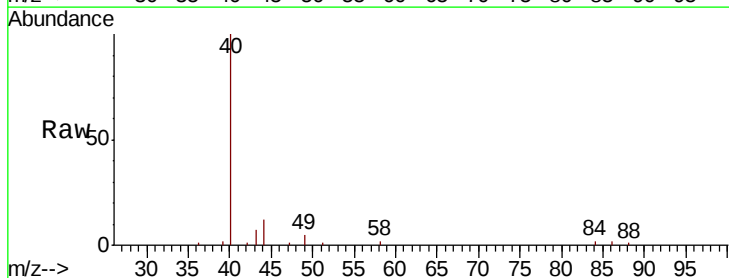
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

58 514.9 81.1 121.7#

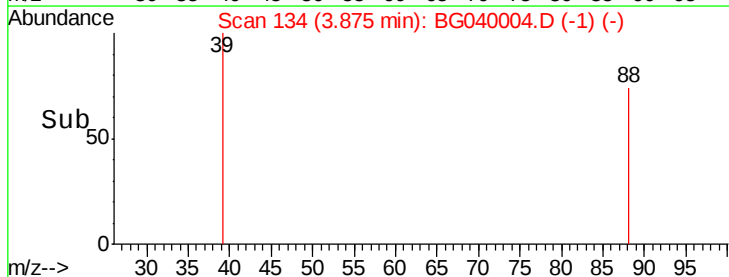
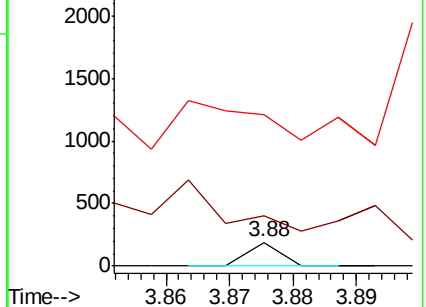
43 559.7 31.4 47.0#

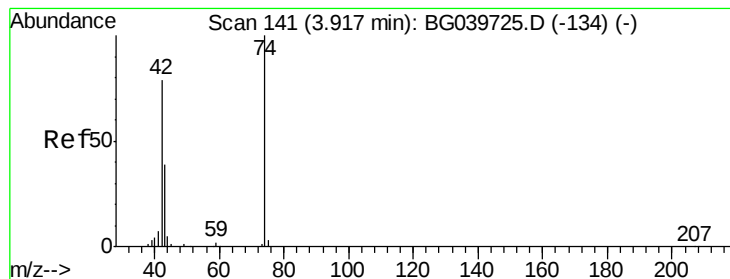


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



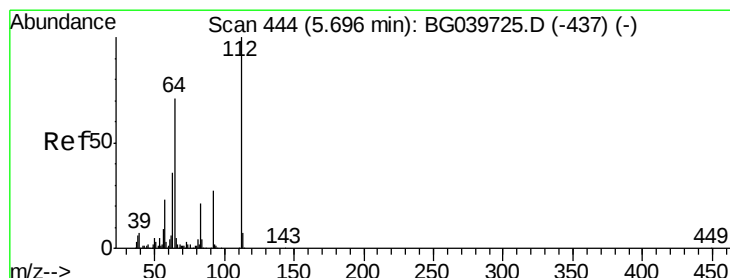
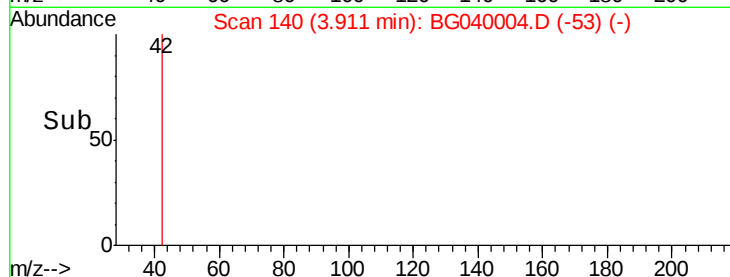
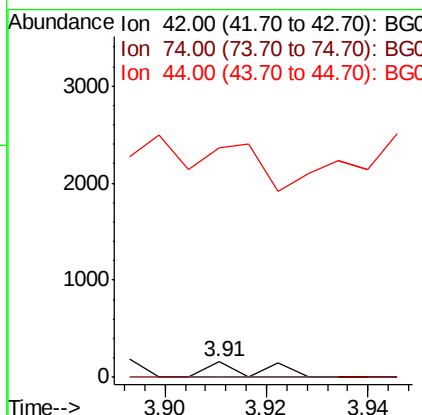
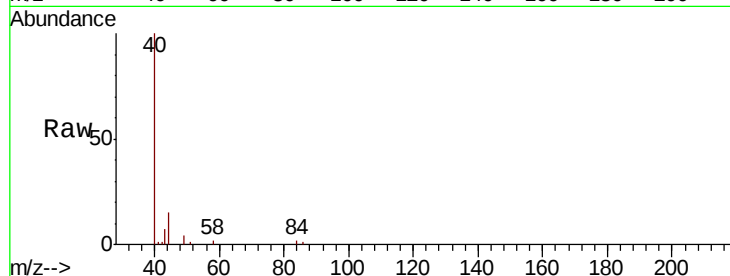


#4

n-Nitrosodimethylamine
 Concen: 0.072 ng
 RT: 3.91 min Scan# 140
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

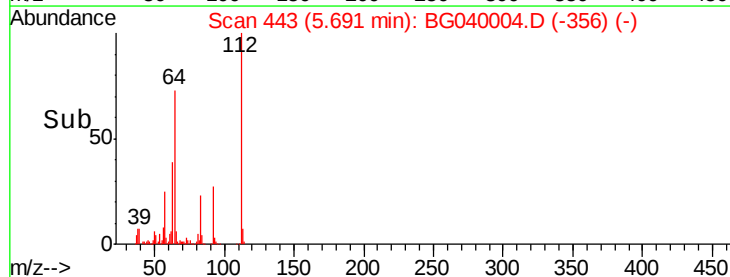
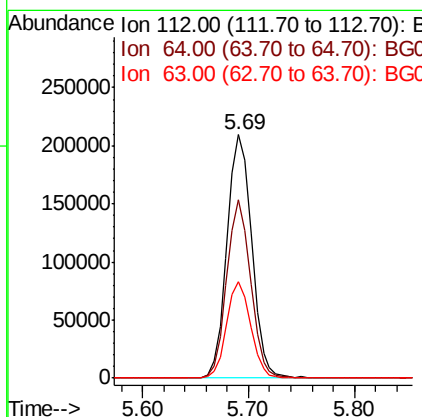
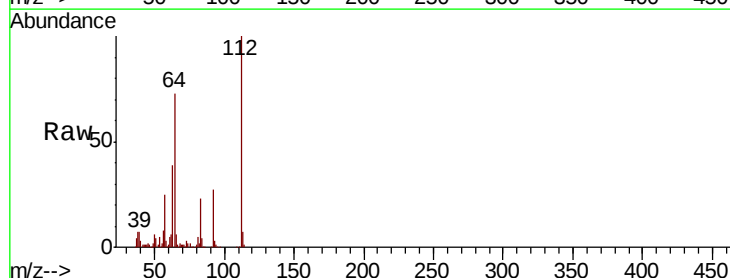
Tgt Ion: 42 Resp: 109
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 1500.0 6.9 10.3#

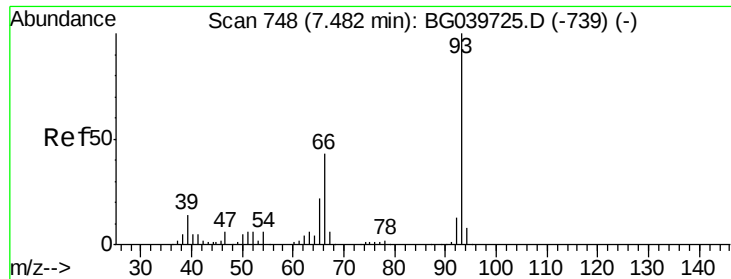


#5

2-Fluorophenol
 Concen: 132.157 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion: 112 Resp: 338958
 Ion Ratio Lower Upper
 112 100
 64 73.3 57.8 86.8
 63 39.5 29.8 44.6





#6

Aniline

Concen: 0.128 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

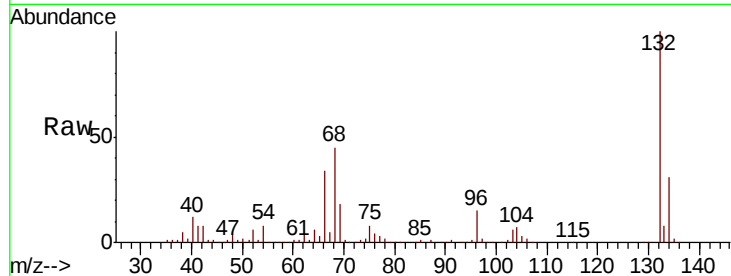
Tgt Ion: 93 Resp: 641

Ion Ratio Lower Upper

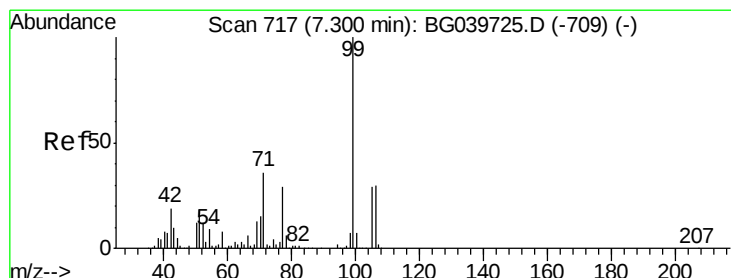
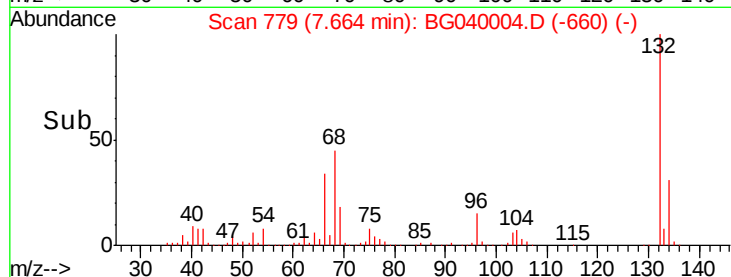
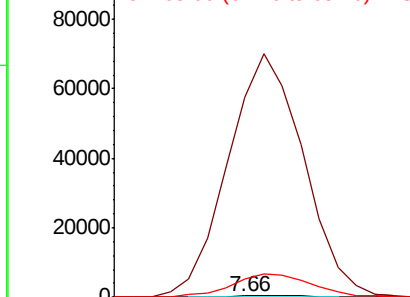
93 100

66 13194.5 34.2 51.4#

65 1216.3 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: 125.636 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

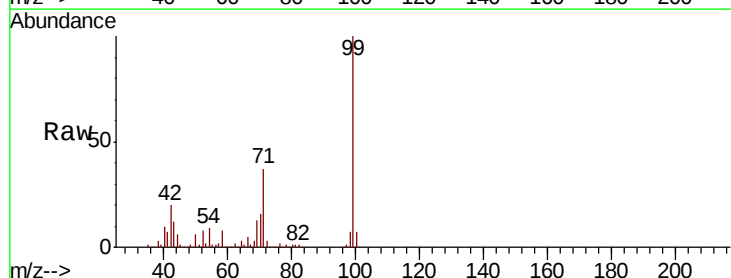
Tgt Ion: 99 Resp: 480469

Ion Ratio Lower Upper

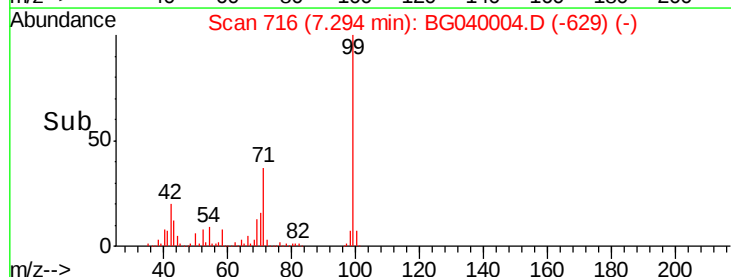
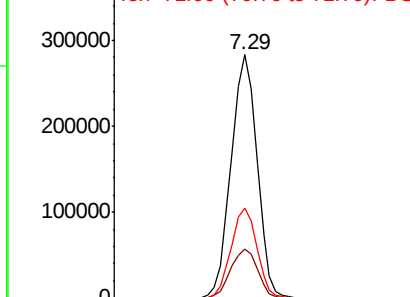
99 100

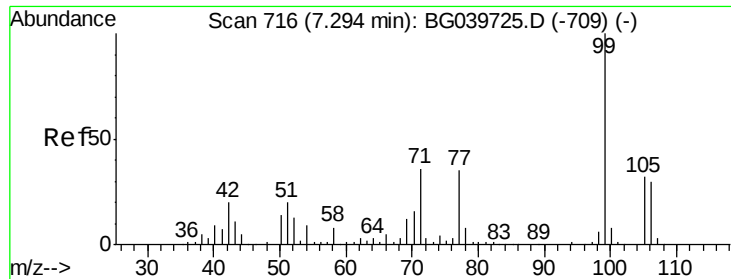
42 20.1 18.2 27.2

71 37.1 28.0 42.0



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





#9

Benzaldehyde

Concen: 0.309 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

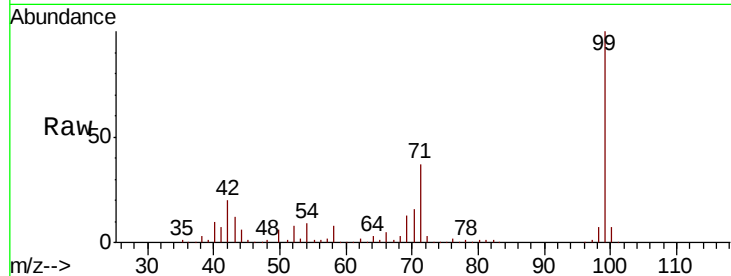
Tgt Ion: 77 Resp: 762

Ion Ratio Lower Upper

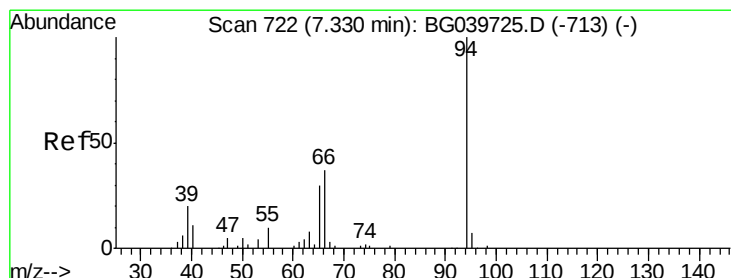
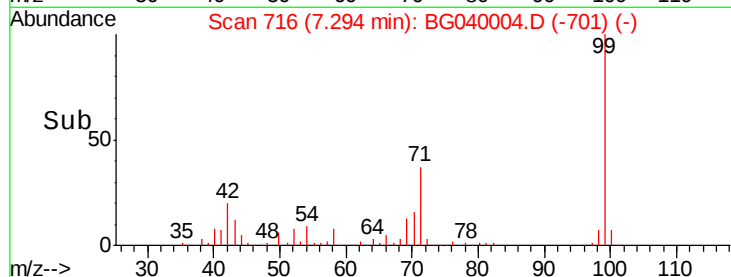
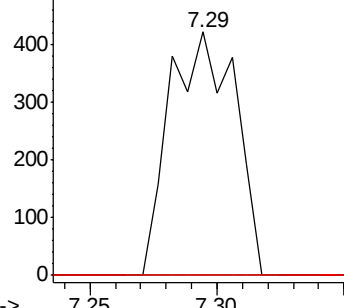
77 100

105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.191 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.34 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

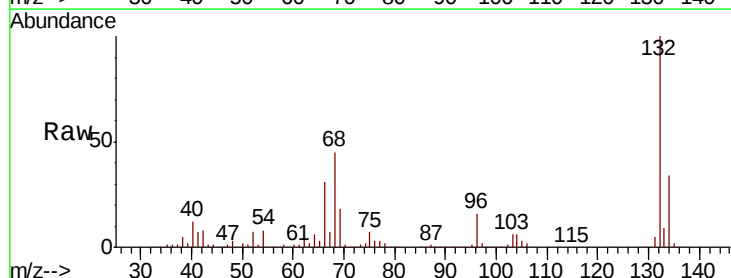
Tgt Ion: 94 Resp: 793

Ion Ratio Lower Upper

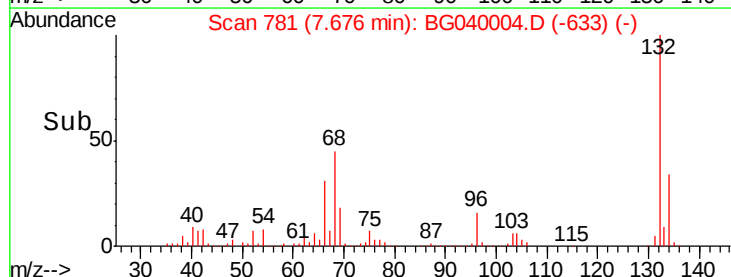
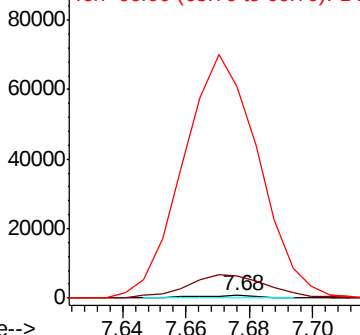
94 100

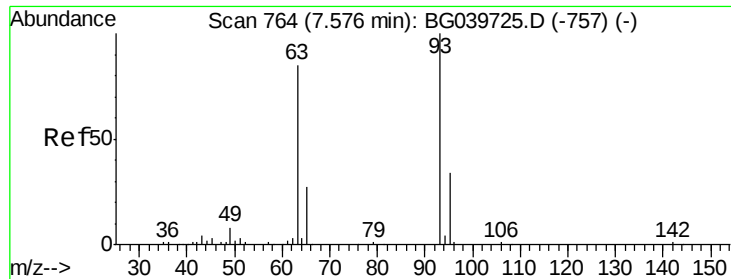
65 948.6 11.7 51.7#

66 8863.1 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

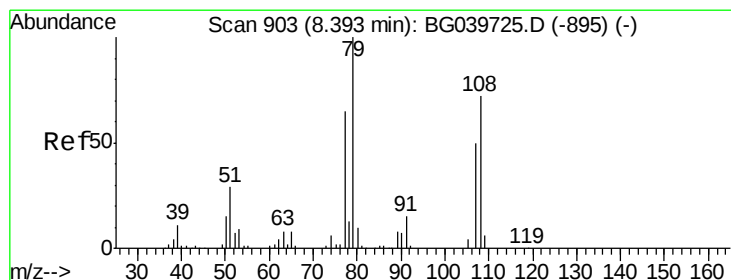
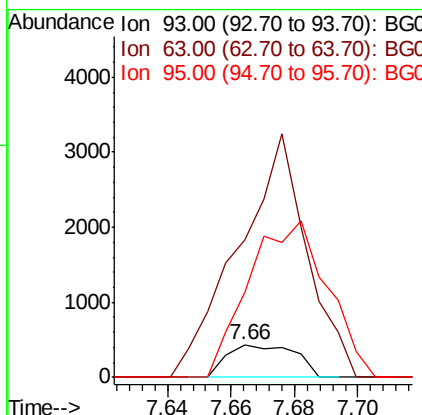
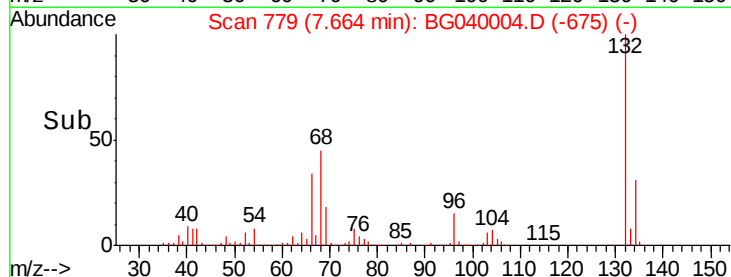
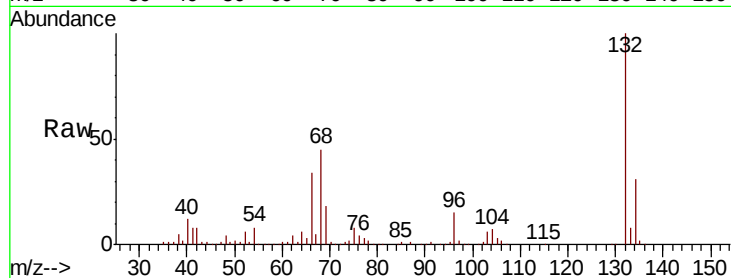




#11
bis(2-Chloroethyl)ether
Concen: 0.198 ng
RT: 7.66 min Scan# 779
Delta R.T. 0.08 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

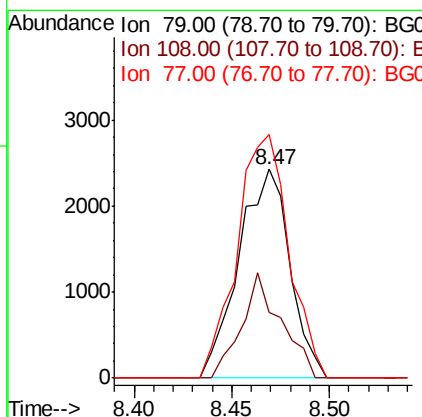
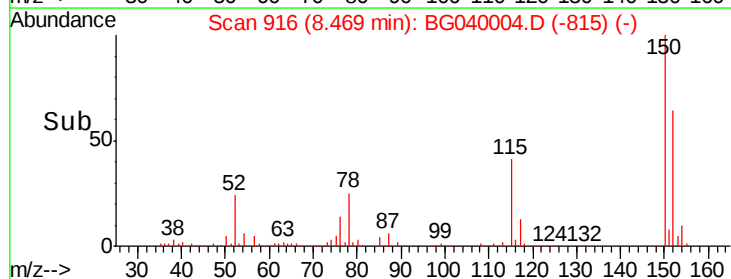
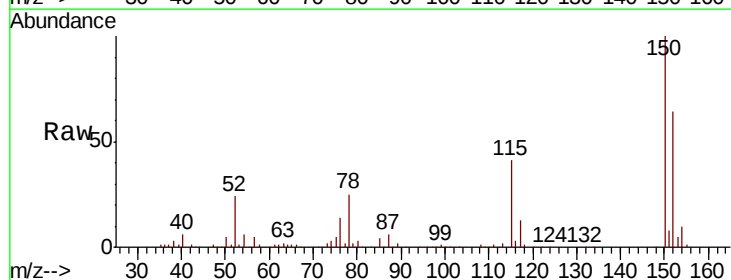
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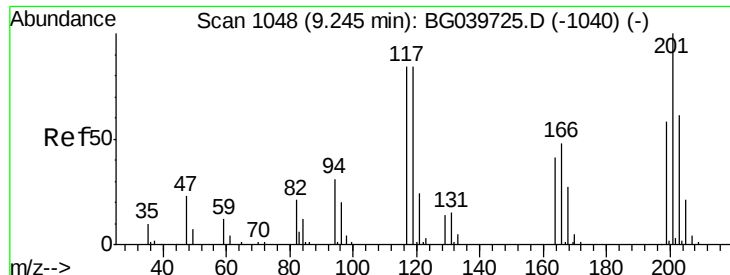
Tgt Ion: 93 Resp: 641
Ion Ratio Lower Upper
93 100
63 418.1 69.5 109.5#
95 259.4 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.447 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.06 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Tgt Ion: 79 Resp: 4391
Ion Ratio Lower Upper
79 100
108 31.5 57.8 86.6#
77 116.6 51.1 76.7#

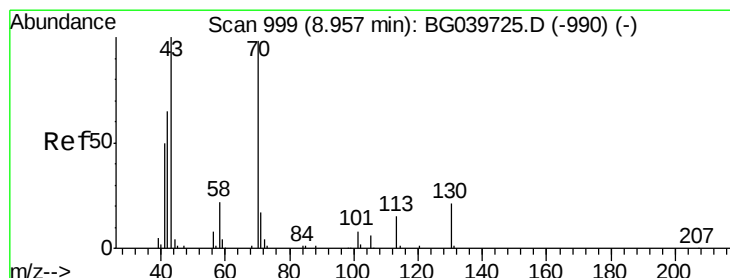
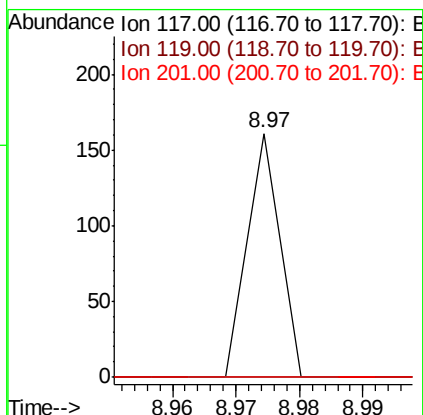
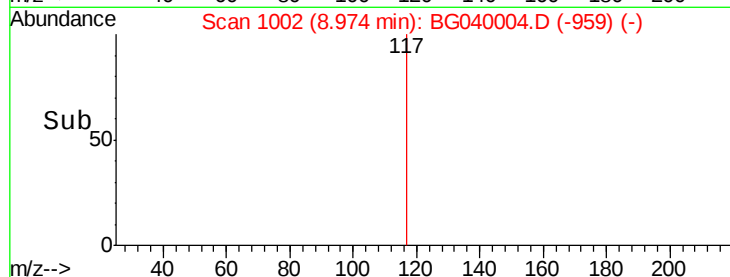
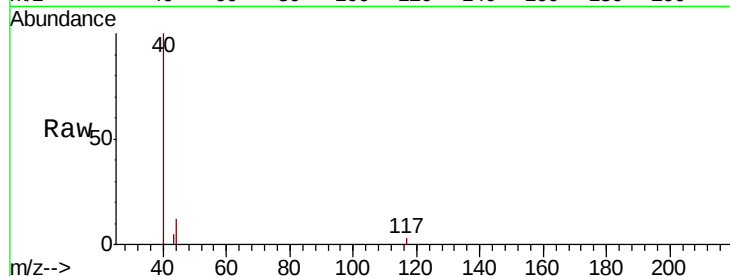




#18
Hexachloroethane
Concen: 0.044 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.28 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

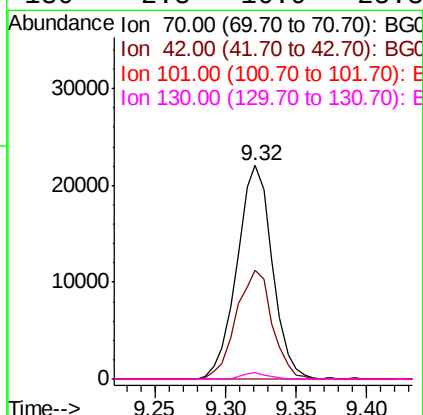
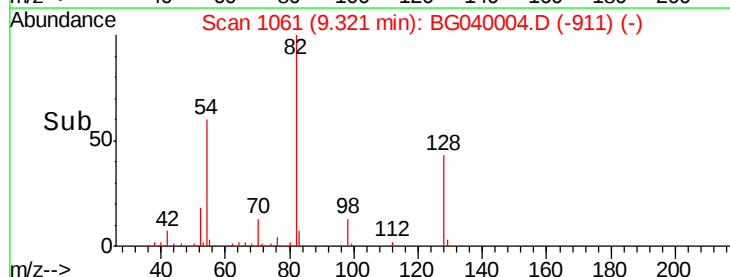
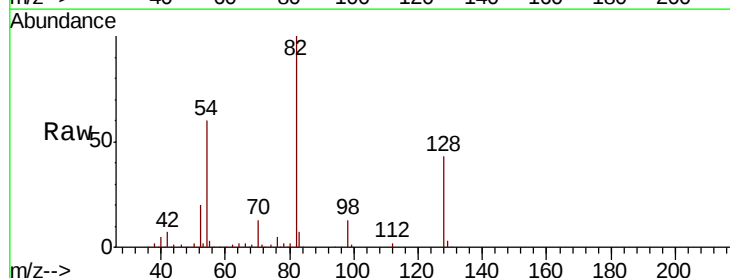
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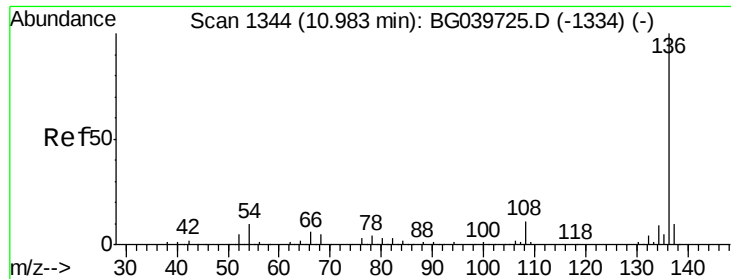
Tgt Ion: 117 Resp: 57
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
201 0.0 91.1 136.7#



#19
n-Nitroso-di-n-propylamine
Concen: 13.996 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Tgt Ion: 70 Resp: 38525
Ion Ratio Lower Upper
70 100
42 50.8 60.4 90.6#
101 0.0 7.5 11.3#
130 2.8 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

Tgt Ion: 136 Resp: 187062

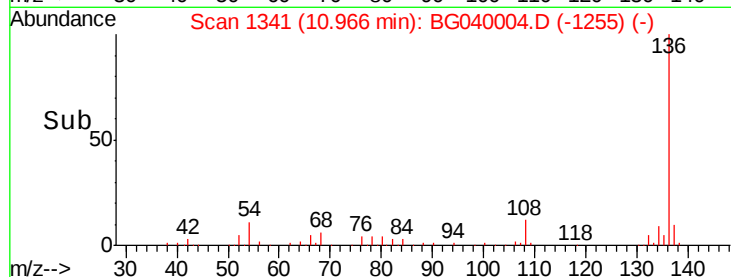
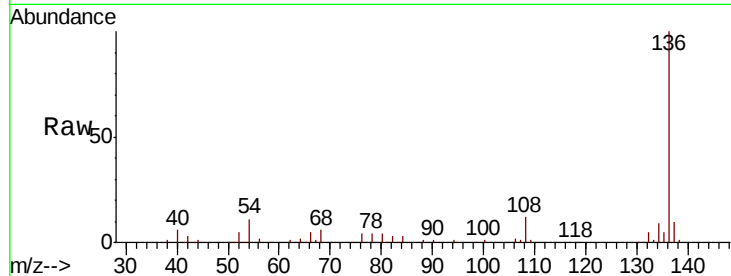
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 10.6 9.4 14.2

68 6.1 4.2 6.4

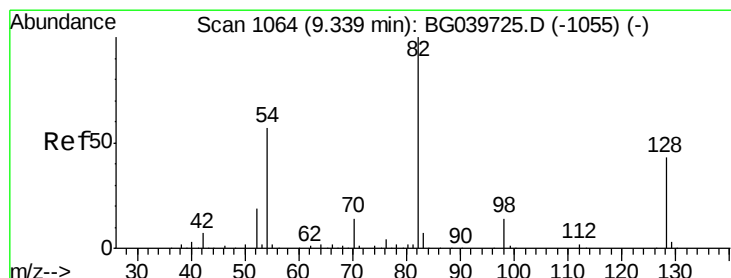
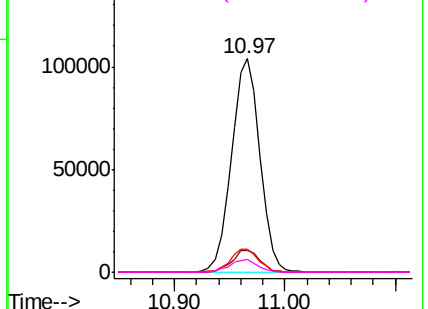


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 84.429 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

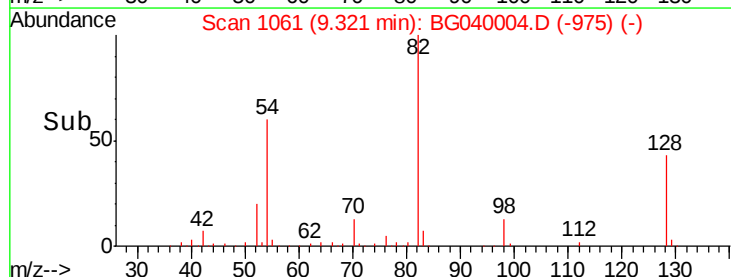
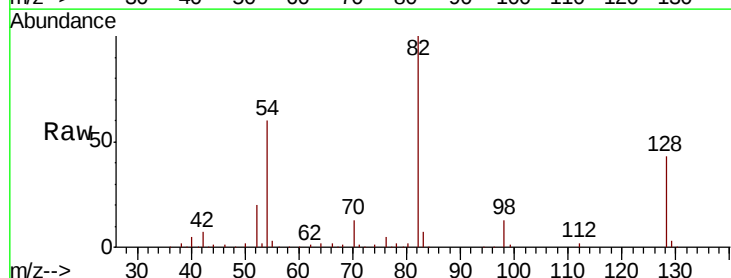
Tgt Ion: 82 Resp: 292018

Ion Ratio Lower Upper

82 100

128 42.8 31.3 46.9

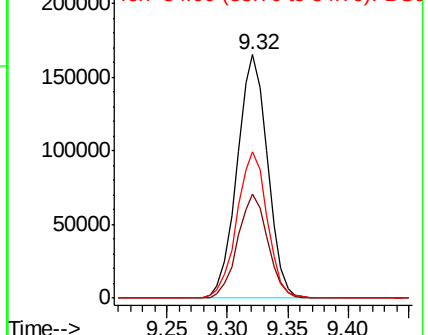
54 60.2 50.9 76.3

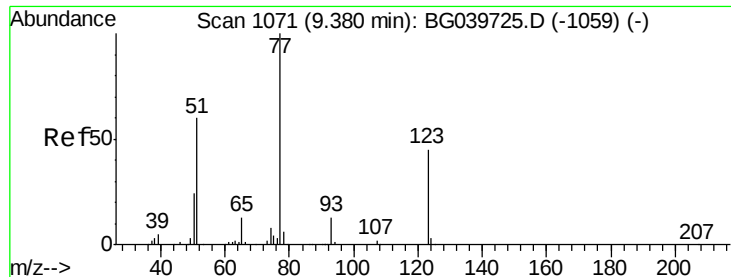


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG

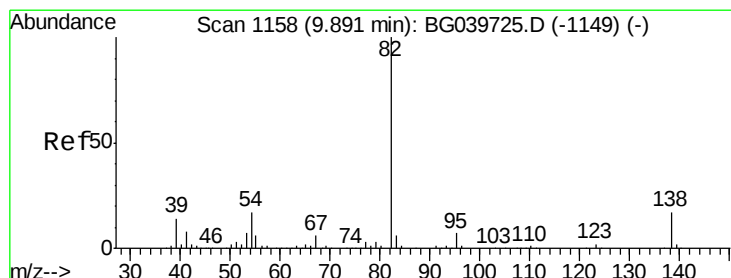
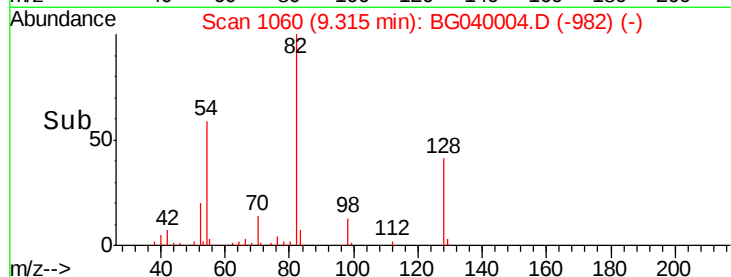
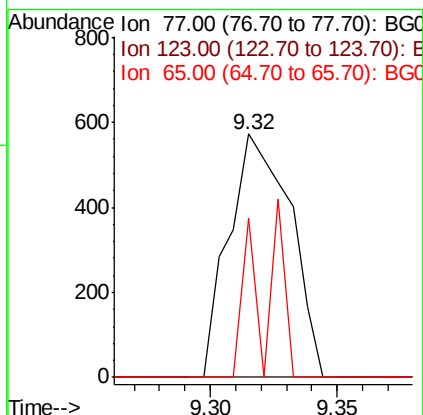
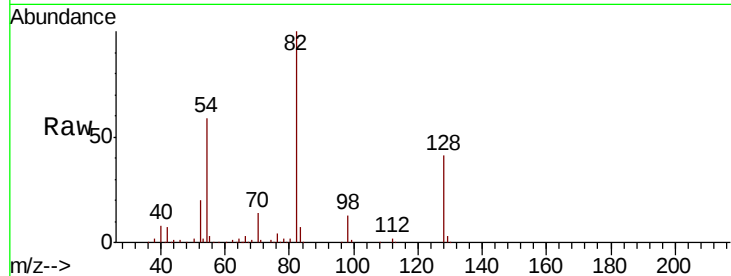




#24
 Nitrobenzene
 Concen: 0.267 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

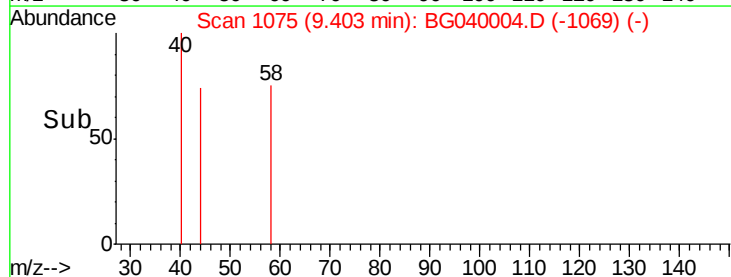
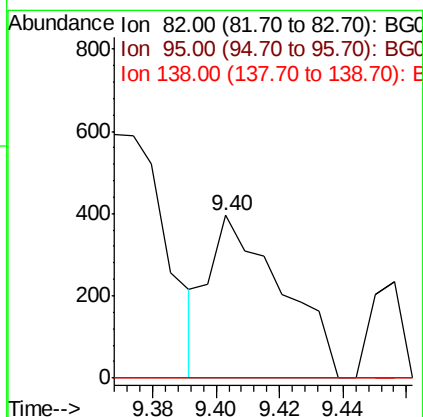
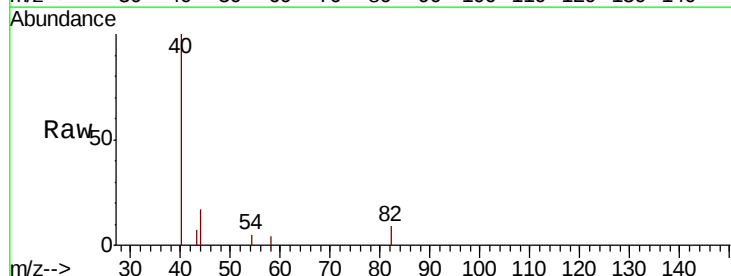
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

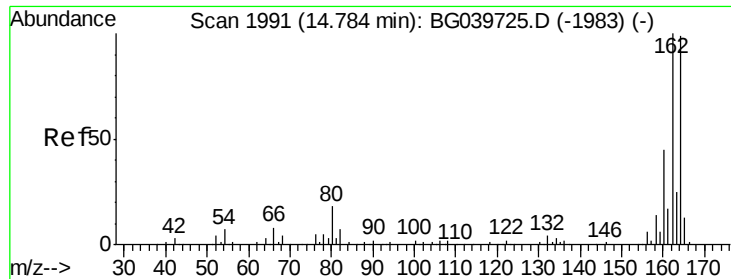
Tgt Ion: 77 Resp: 968
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 65.6 12.3 18.5#



#25
 Isophorone
 Concen: 0.087 ng
 RT: 9.40 min Scan# 1075
 Delta R.T. -0.49 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion: 82 Resp: 627
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.2#
 138 0.0 13.0 19.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

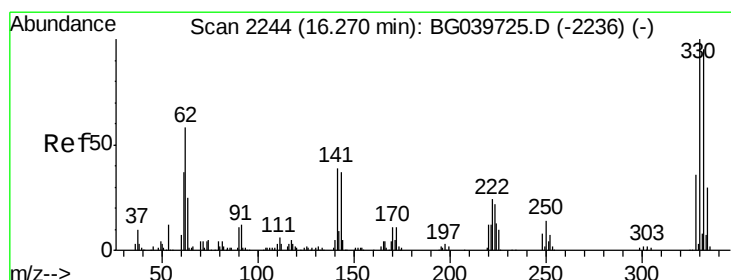
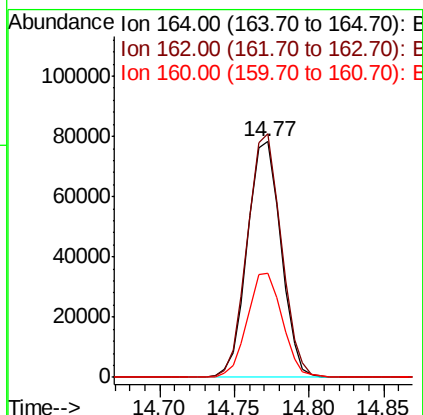
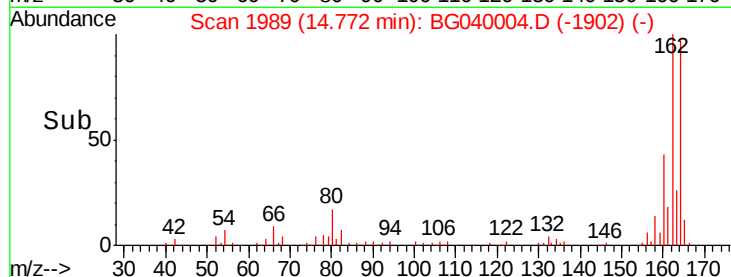
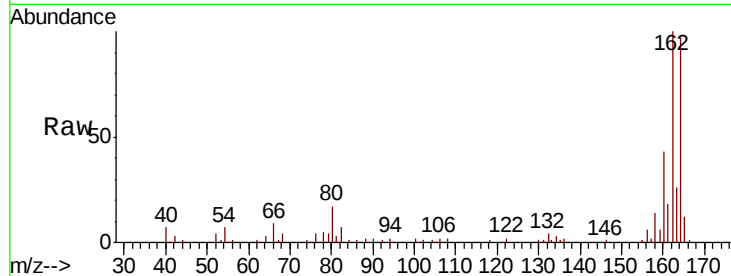
Tgt Ion:164 Resp: 121633

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 44.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 122.927 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

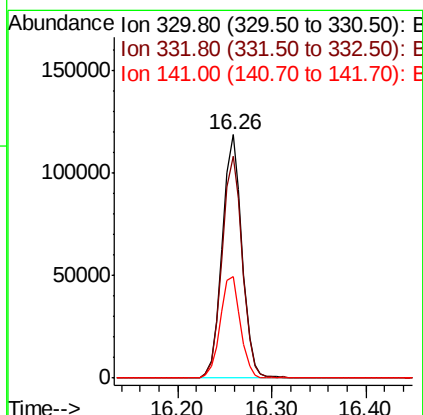
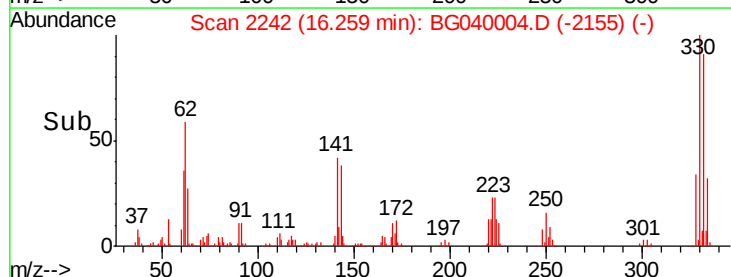
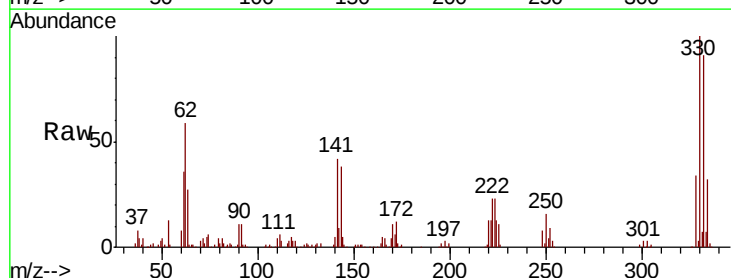
Tgt Ion:330 Resp: 174277

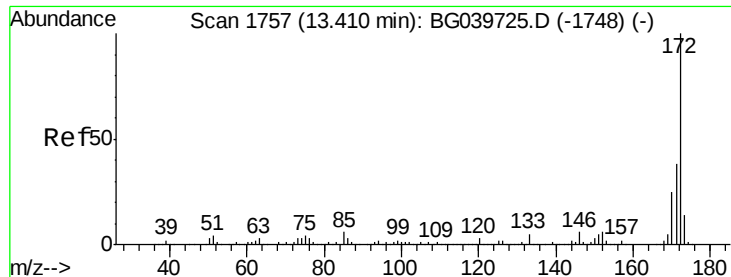
Ion Ratio Lower Upper

330 100

332 93.9 75.7 113.5

141 42.5 35.6 53.4

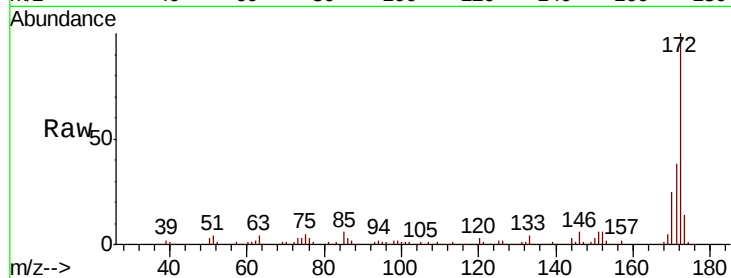




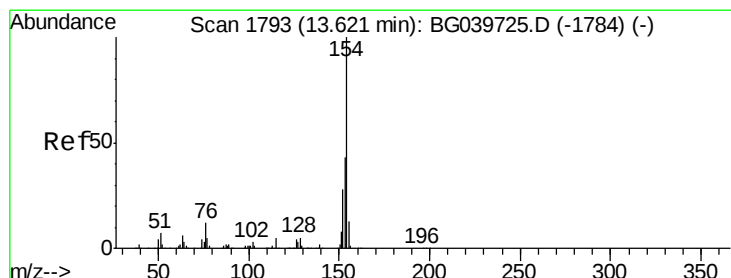
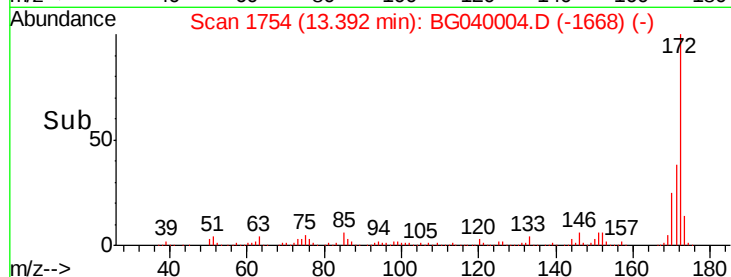
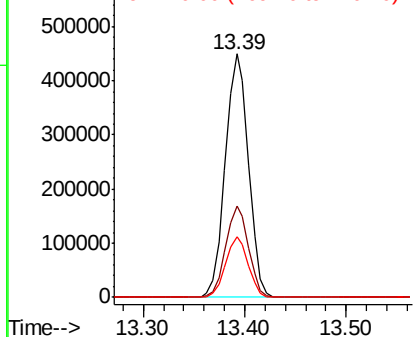
#45
 2-Fluorobiphenyl
 Concen: 82.731 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Tgt Ion:172 Resp: 706743
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.0 20.2 30.4

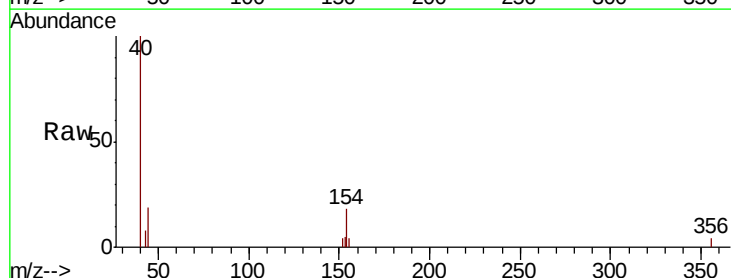


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

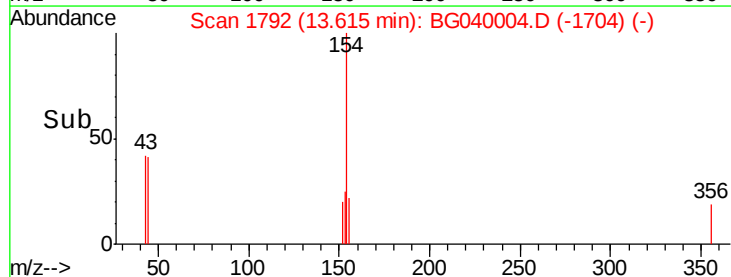
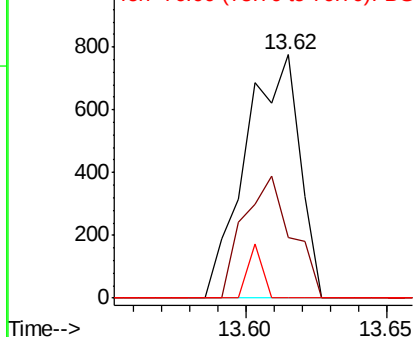


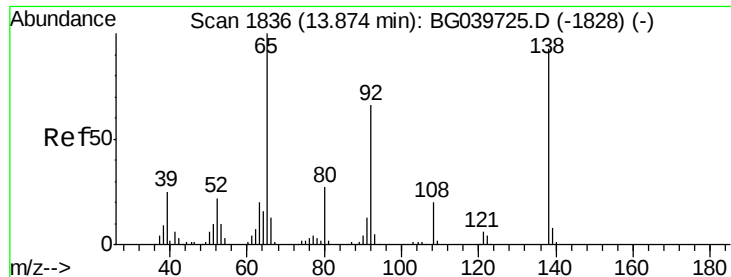
#46
 1,1'-Biphenyl
 Concen: 0.103 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion:154 Resp: 1026
 Ion Ratio Lower Upper
 154 100
 153 25.1 22.1 62.1
 76 0.0 0.0 32.4



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

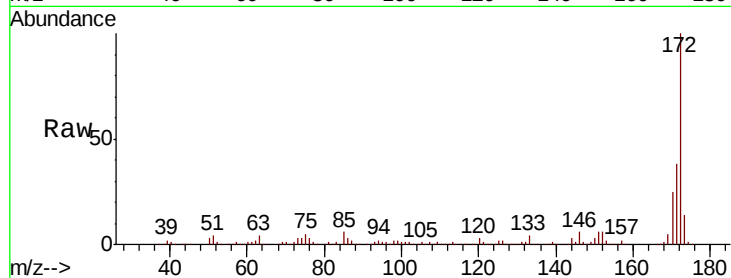




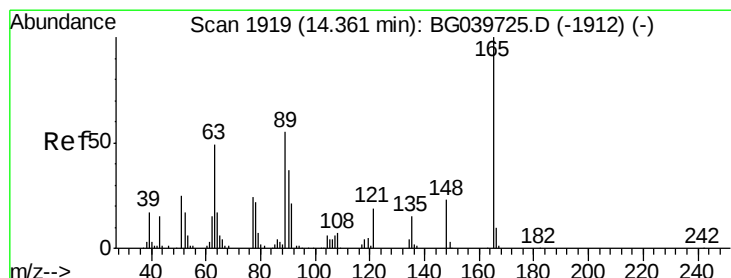
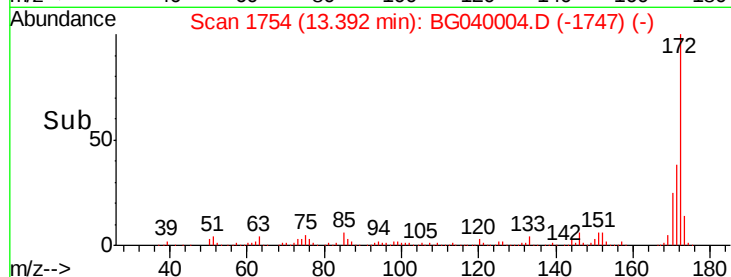
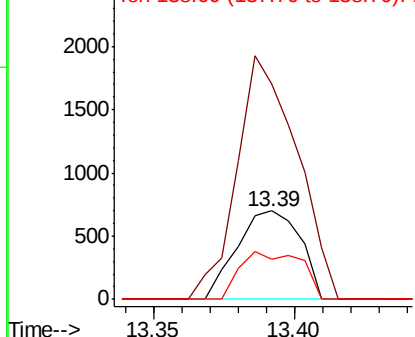
#48
2-Nitroaniline
Concen: 0.449 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.49 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB118018BL

Tgt Ion: 65 Resp: 1085
Ion Ratio Lower Upper
65 100
92 242.9 51.4 77.2#
138 45.6 71.4 107.2#

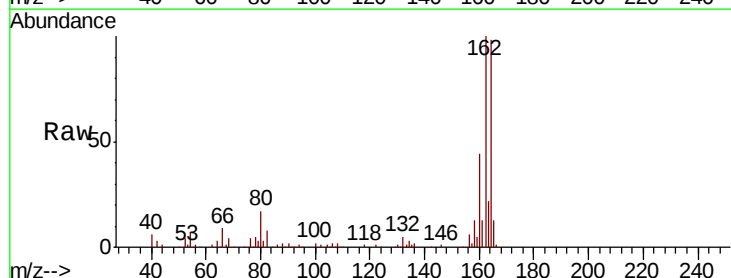


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

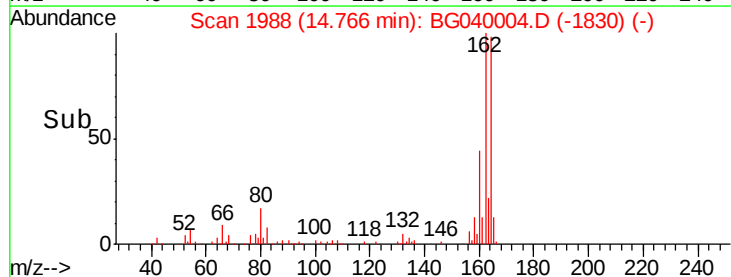
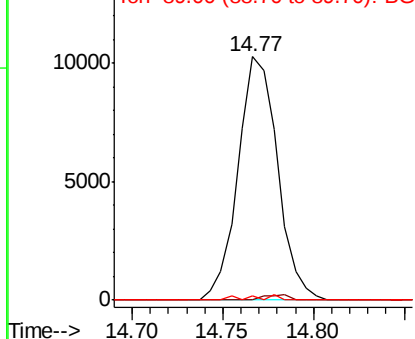


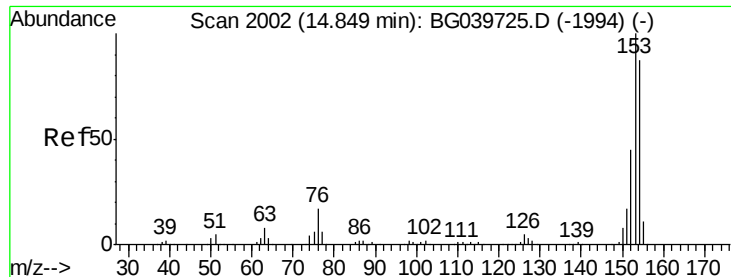
#51
2,6-Dinitrotoluene
Concen: 7.240 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Tgt Ion: 165 Resp: 15610
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 1.5 45.8 68.8#



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





#52

Acenaphthene

Concen: 0.060 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

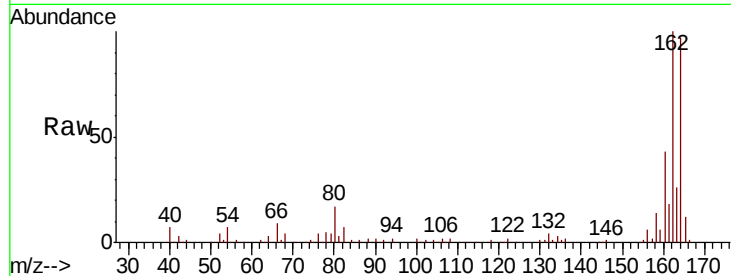
Tgt Ion:154 Resp: 446

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

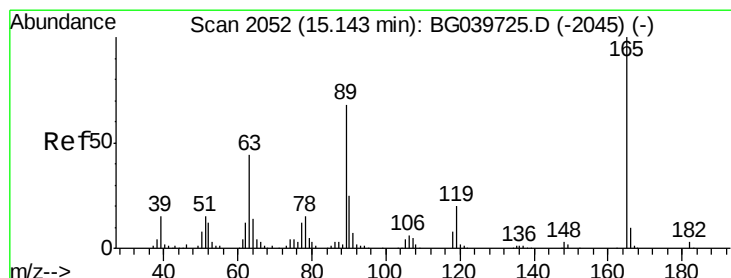
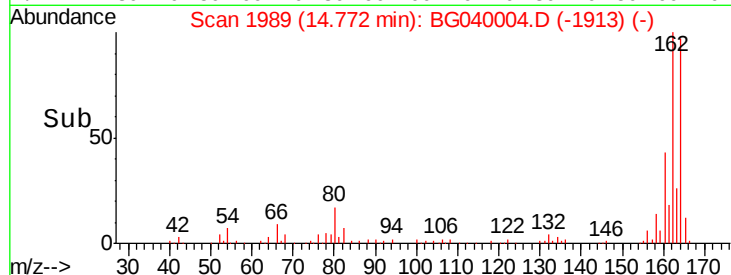
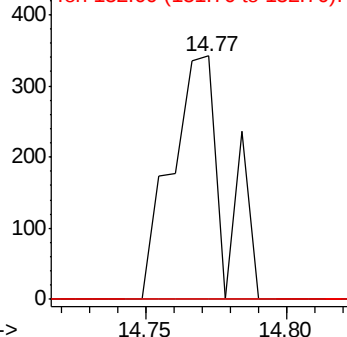
152 0.0 40.9 61.3#



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: 5.152 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Tgt Ion:165 Resp: 15610

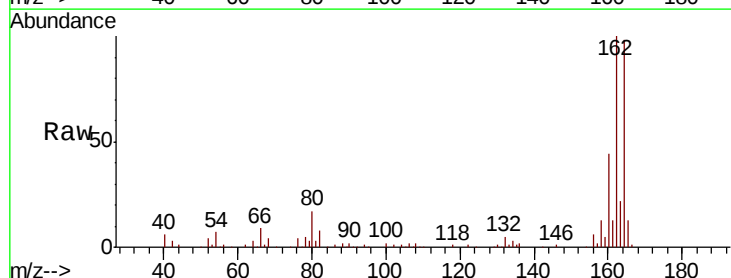
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.5 64.6 96.8#

182 0.0 2.0 3.0#

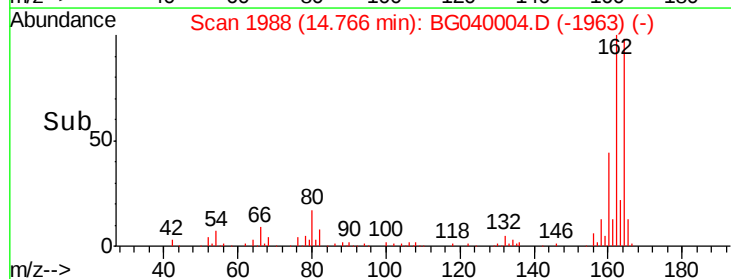
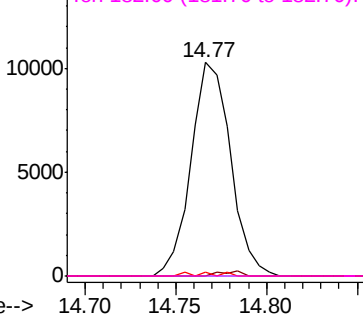


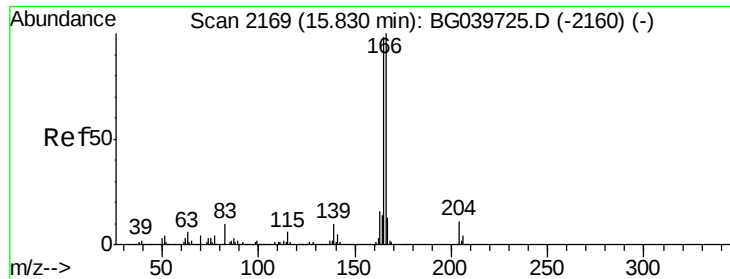
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.773 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

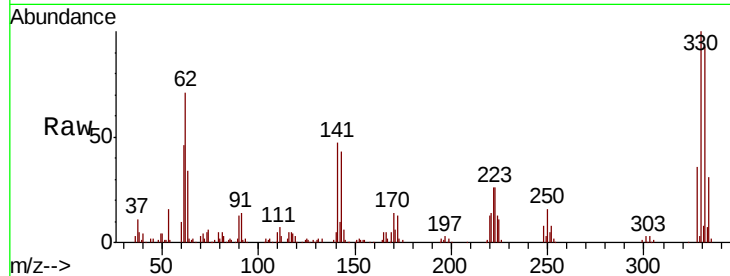
Tgt Ion: 166 Resp: 7415

Ion Ratio Lower Upper

166 100

165 95.4 77.9 116.9

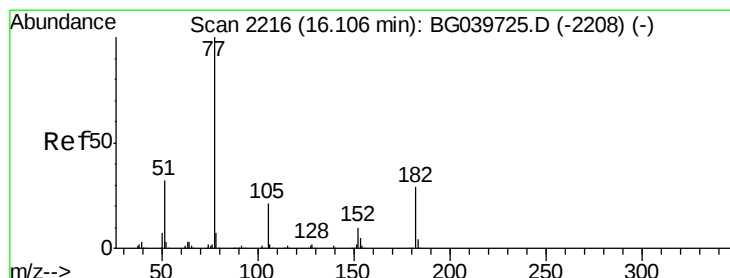
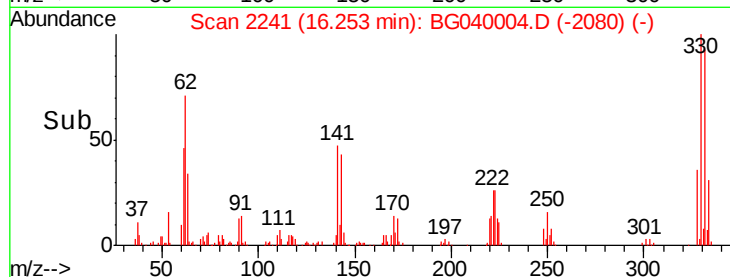
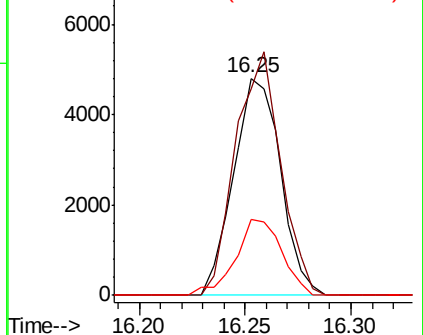
167 35.0 10.8 16.2#



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: 0.105 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.15 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Tgt Ion: 77 Resp: 954

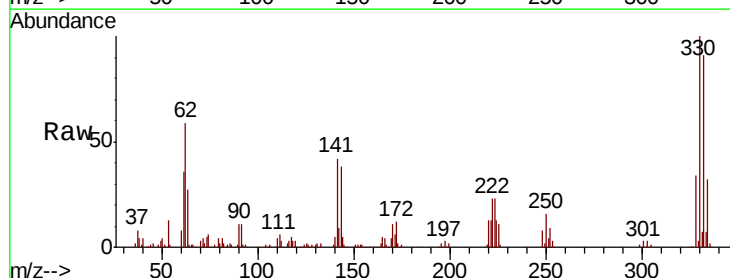
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 72.0 0.0 39.8#

51 90.1 14.1 54.1#

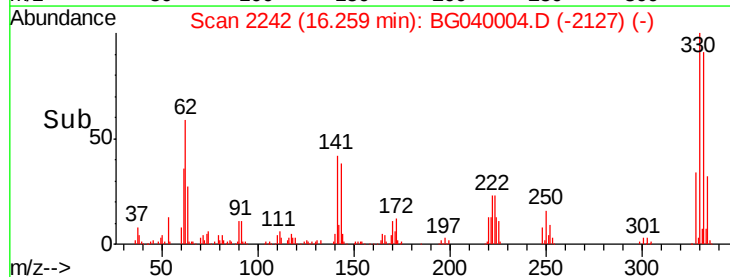
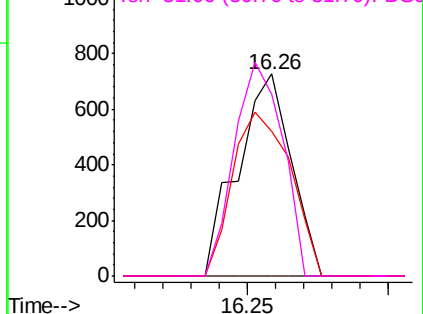


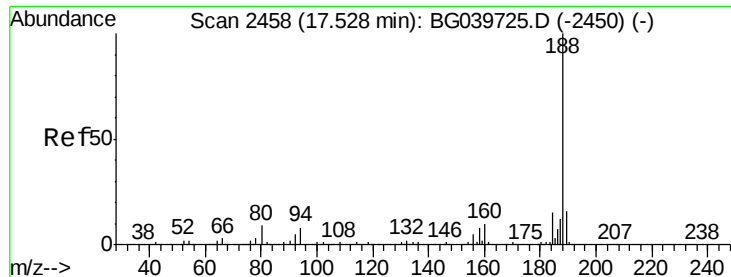
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

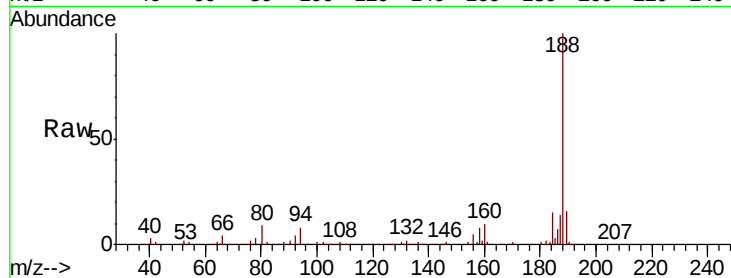




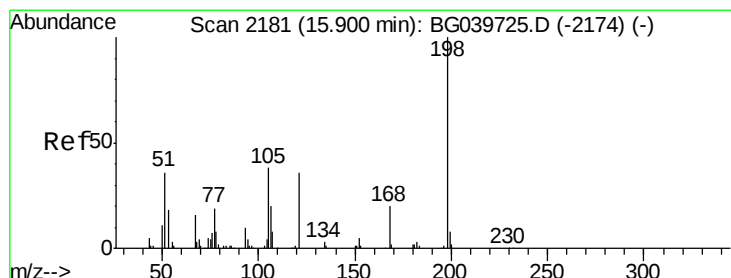
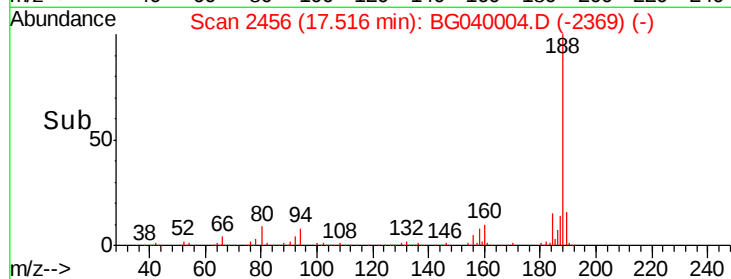
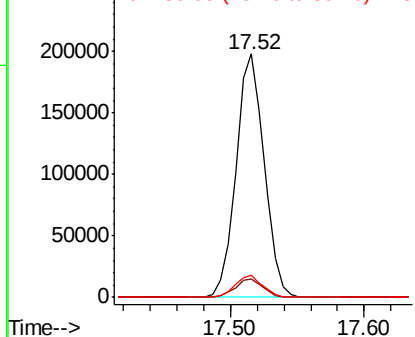
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Tgt Ion:188 Resp: 288194
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.1 8.1 12.1

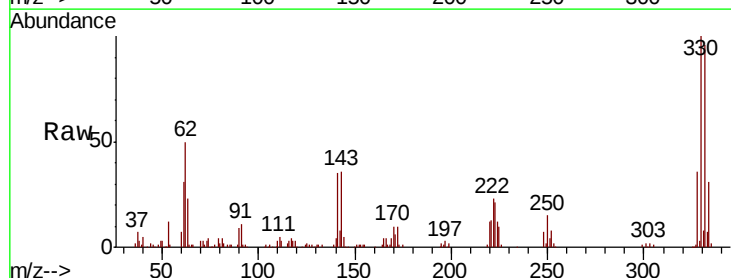


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

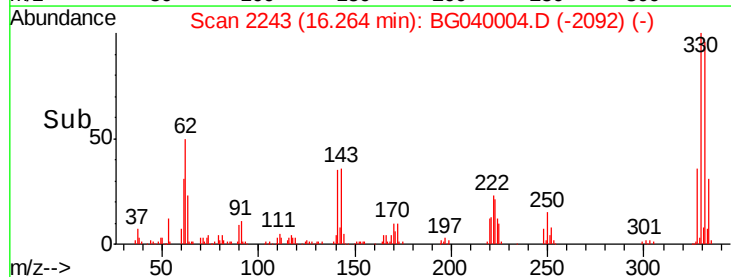
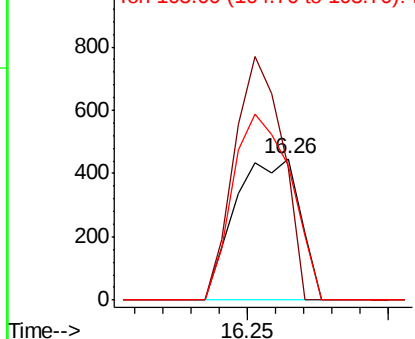


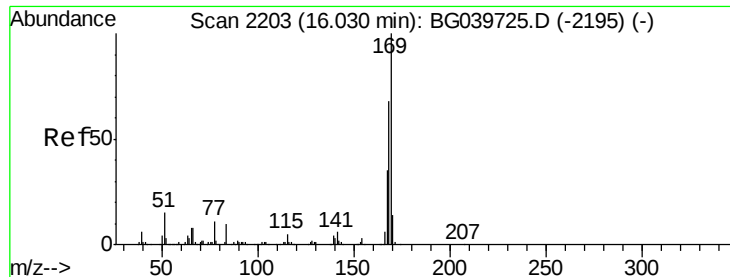
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.415 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion:198 Resp: 707
 Ion Ratio Lower Upper
 198 100
 51 93.1 27.4 67.4#
 105 95.3 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

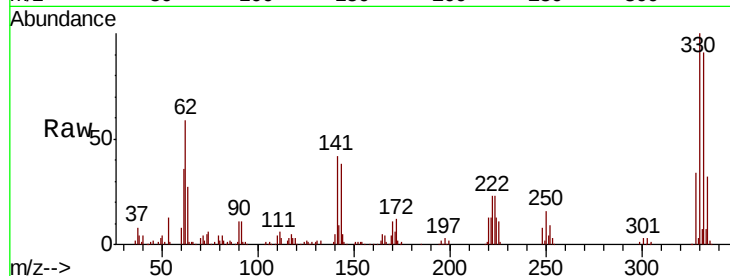




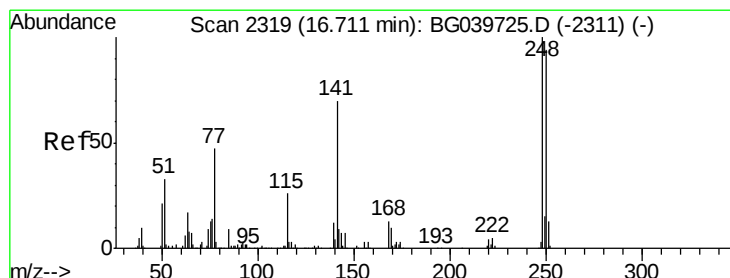
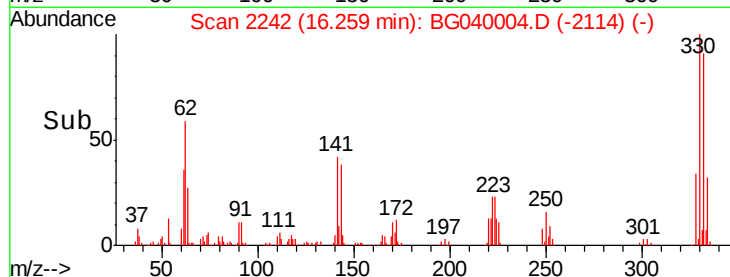
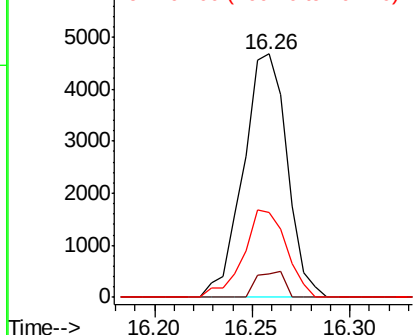
#66
 n-Nitrosodiphenylamine
 Concen: 0.867 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.22 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Tgt Ion:169 Resp: 7230
 Ion Ratio Lower Upper
 169 100
 168 9.8 56.6 85.0#
 167 34.9 28.8 43.2

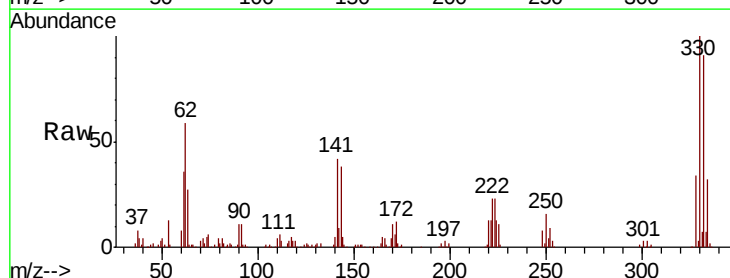


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

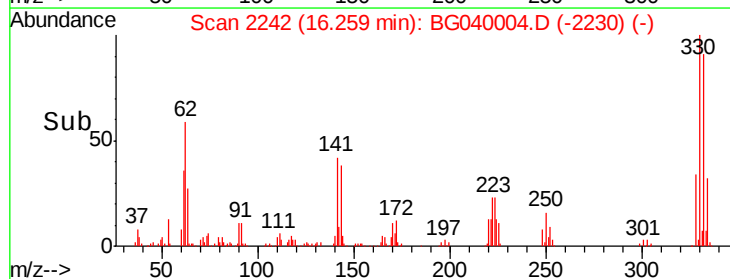
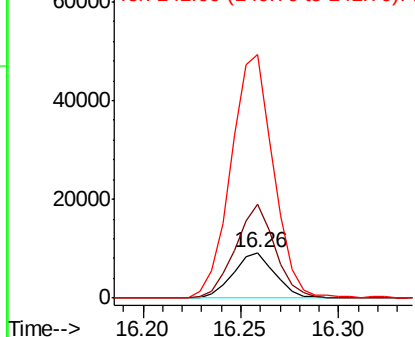


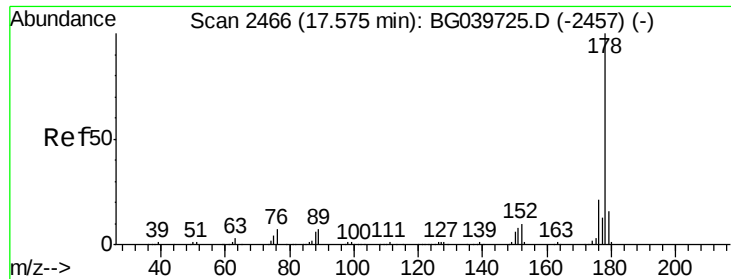
#67
 4-Bromophenyl-phenylether
 Concen: 4.189 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion:248 Resp: 13512
 Ion Ratio Lower Upper
 248 100
 250 204.0 77.6 116.4#
 141 532.4 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

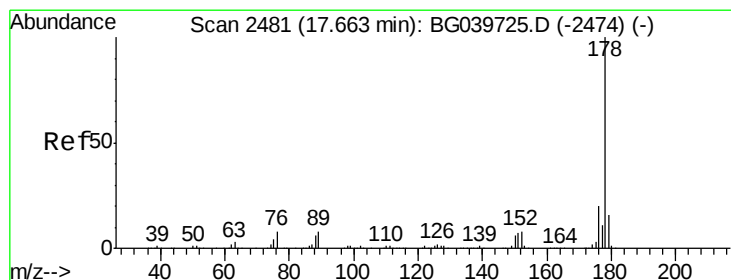
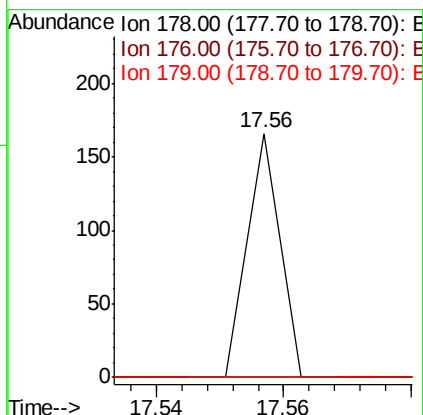
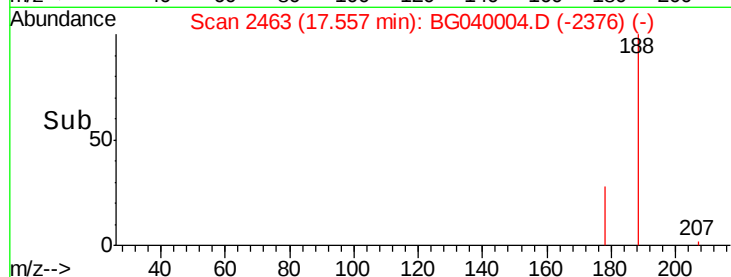
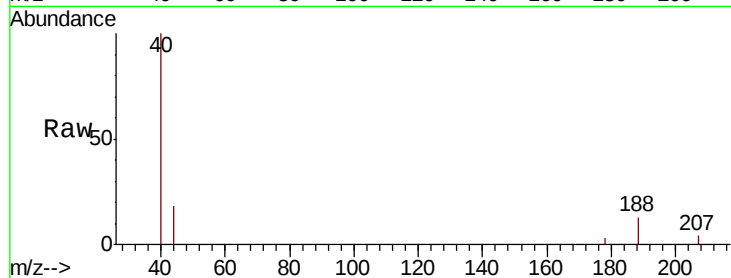




#71
Phenanthrene
Concen: 0.004 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

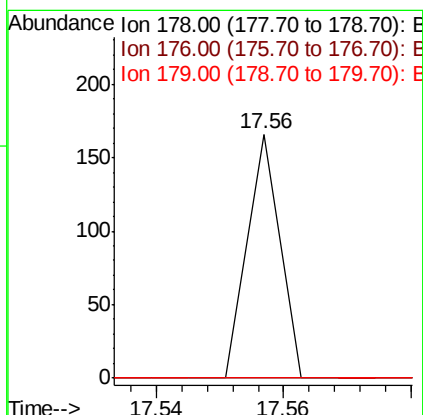
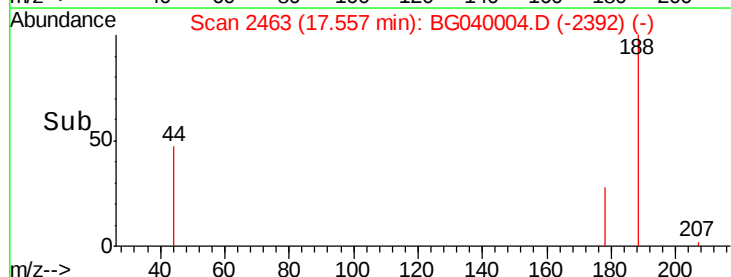
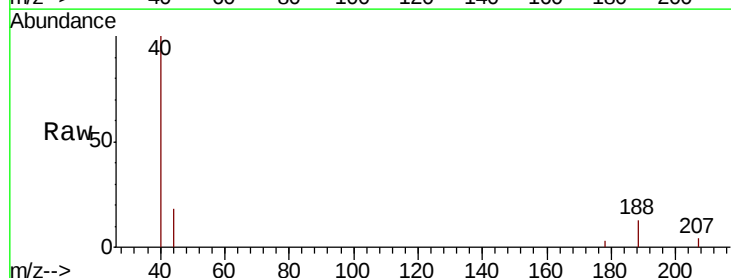
Instrument :
BNA_G
ClientSampleId :
PB118018BL

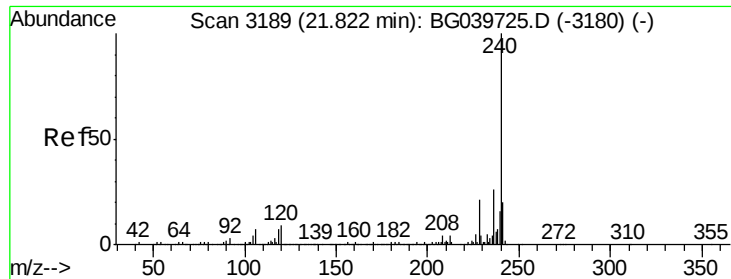
Tgt Ion:178 Resp: 58
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



#72
Anthracene
Concen: 0.004 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.11 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Tgt Ion:178 Resp: 58
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#

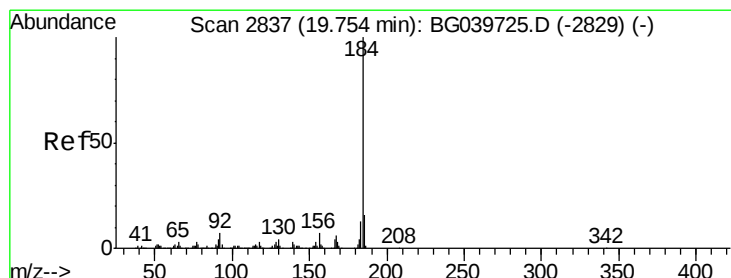
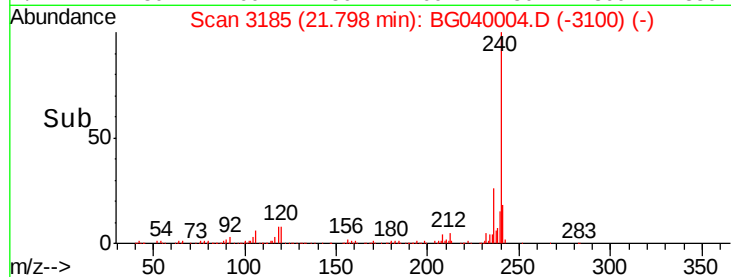
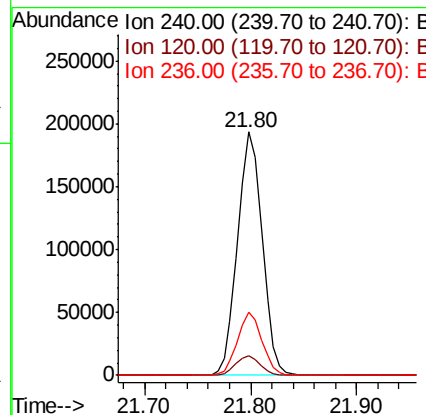
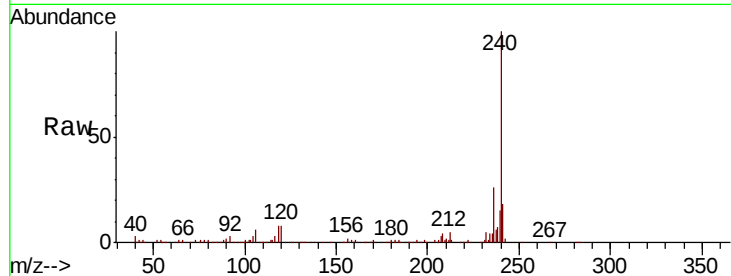




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

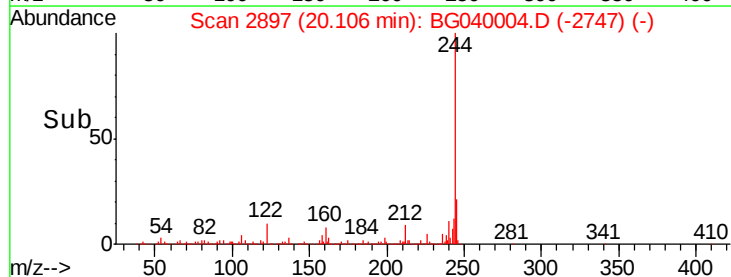
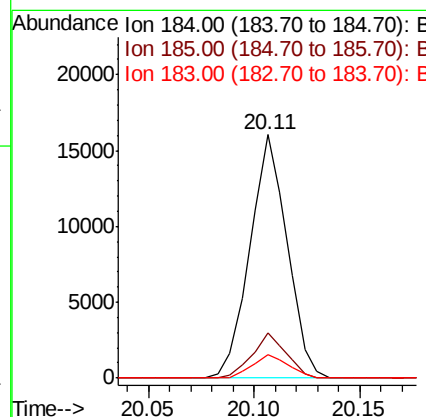
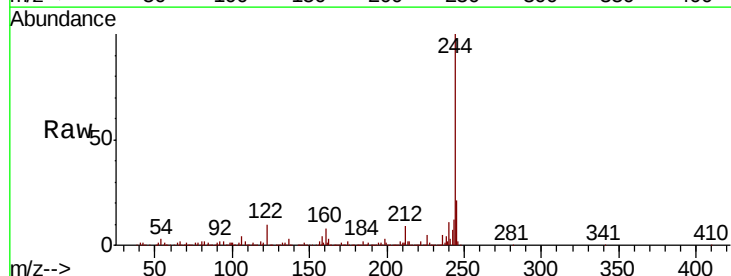
Instrument :
BNA_G
ClientSampleId :
PB118018BL

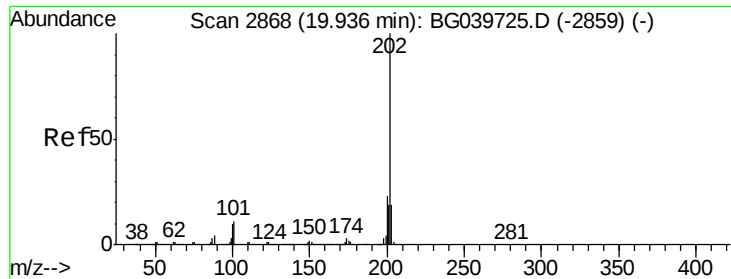
Tgt Ion:240 Resp: 312448
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.9 21.0 31.4



#77
Benzidine
Concen: 1.981 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Tgt Ion:184 Resp: 19640
Ion Ratio Lower Upper
184 100
185 18.7 12.2 18.2#
183 9.6 10.6 15.8#





#78

Pyrene

Concen: 0.212 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.16 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB118018BL

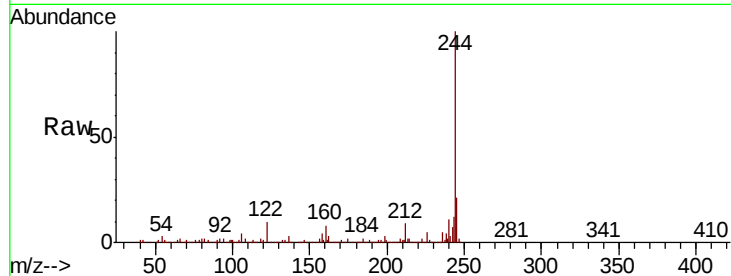
Tgt Ion:202 Resp: 4298

Ion Ratio Lower Upper

202 100

200 36.9 17.8 26.8#

203 15.0 15.3 22.9#

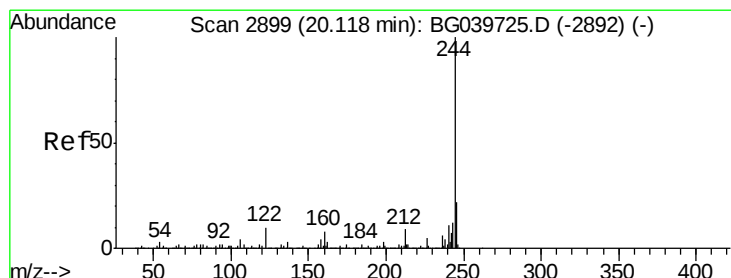
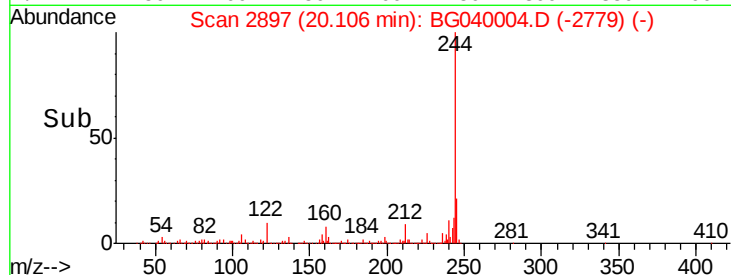
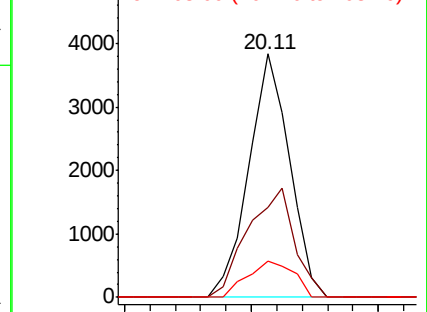


Abundance

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: 75.990 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

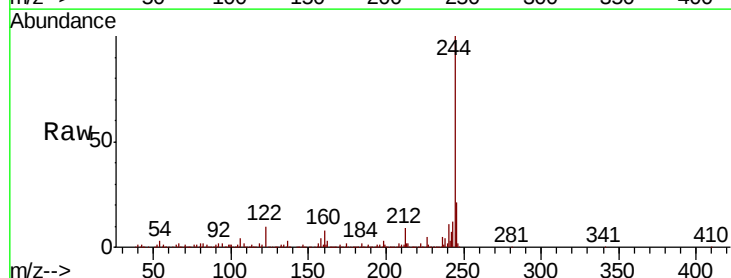
Tgt Ion:244 Resp: 1078345

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

122 9.5 8.4 12.6

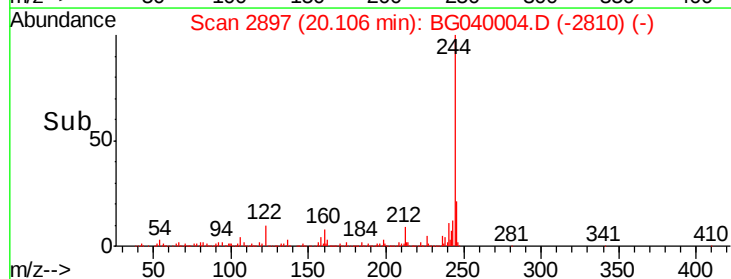
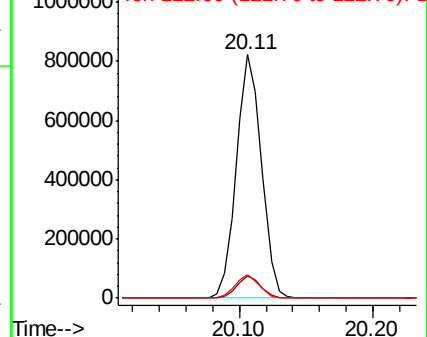


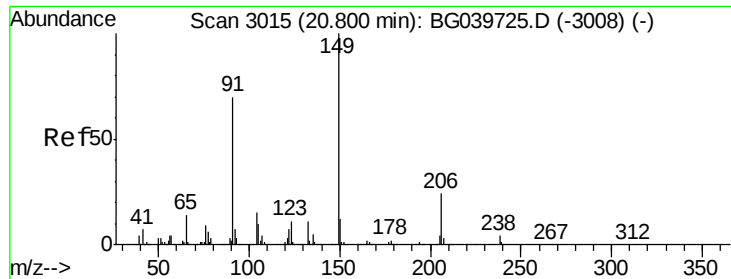
Abundance

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

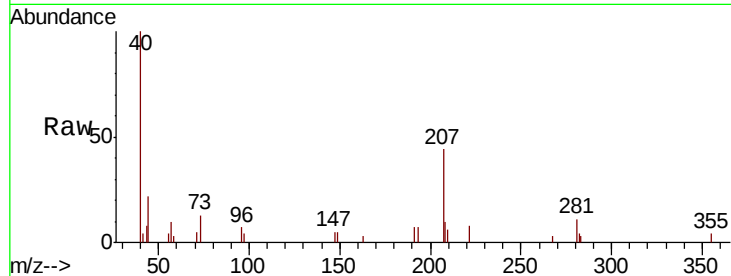




#80
Butylbenzylphthalate
Concen: 0.012 ng
RT: 20.88 min Scan# 3029
Delta R.T. 0.08 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

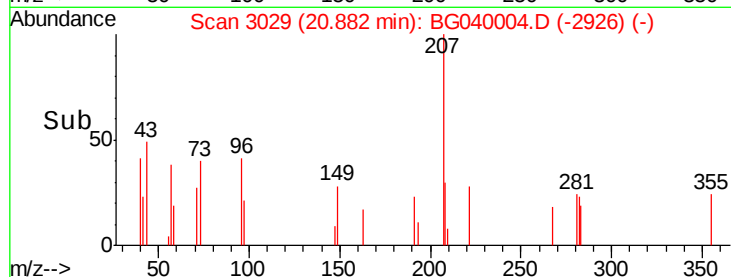
Instrument :
BNA_G
ClientSampleId :
PB118018BL

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

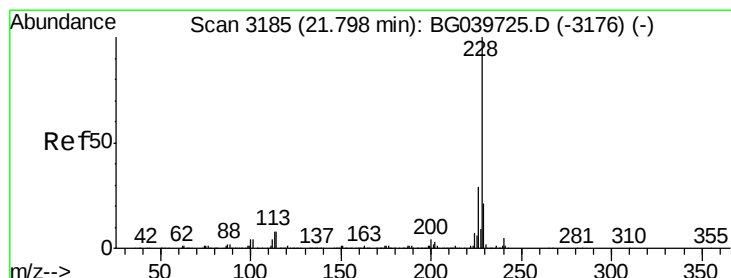


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

20.88

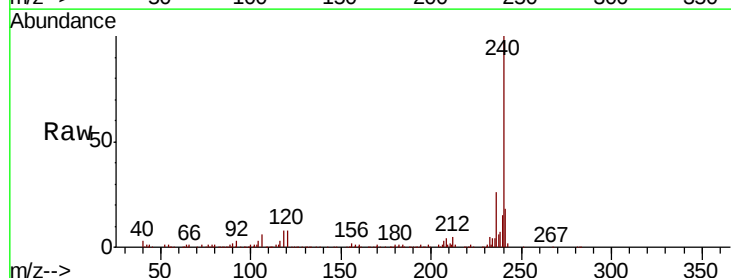


Time--> 20.86 20.88 20.90



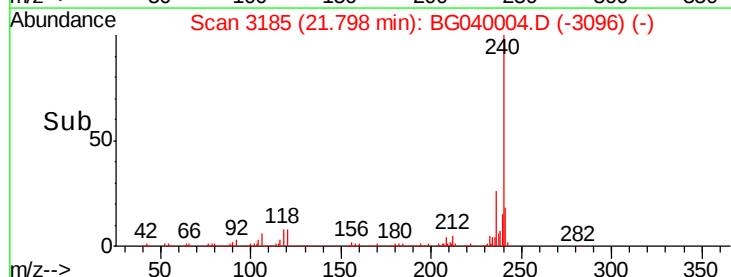
#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040004.D
Acq: 19 Mar 2019 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	32.7	16.9	25.3#

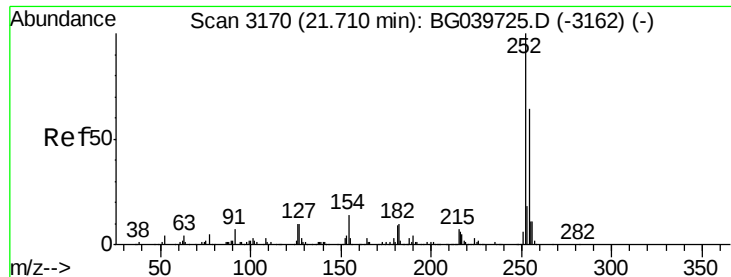


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

21.80



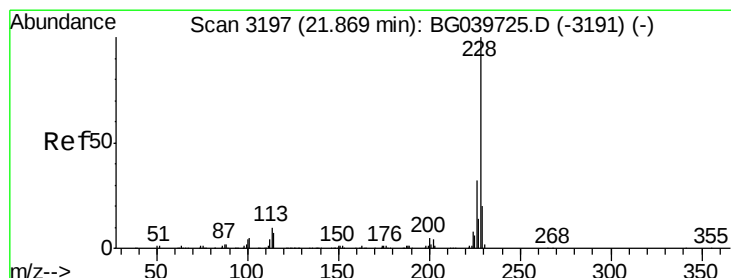
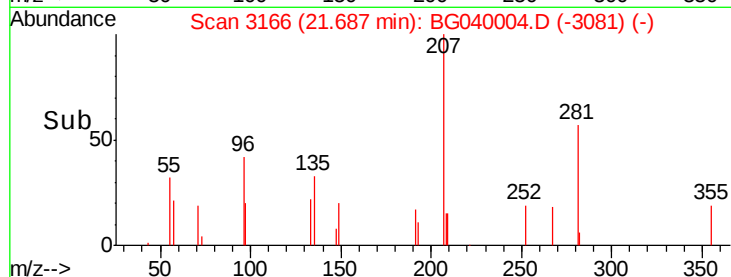
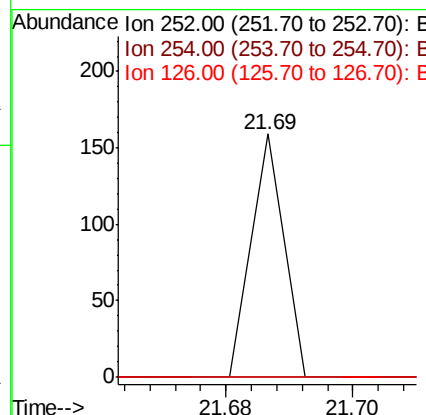
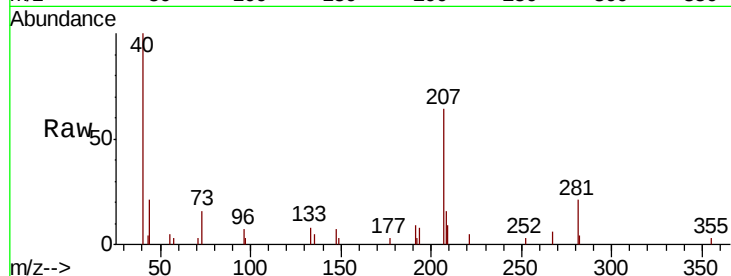
Time--> 21.75 21.80



#82
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

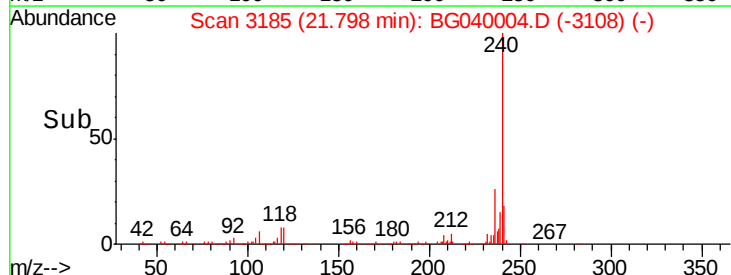
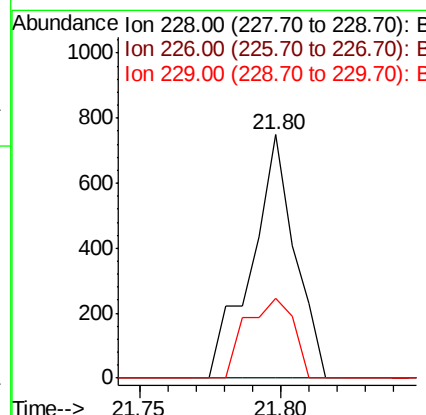
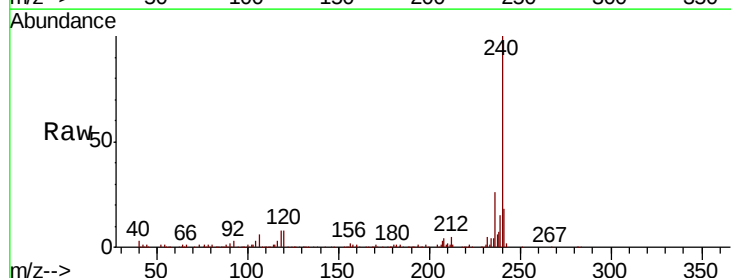
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

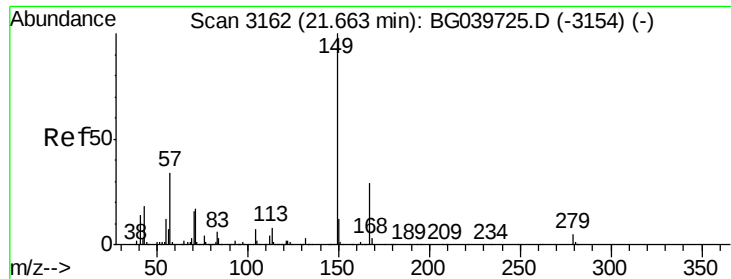
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	8.0	12.0#



#83
 Chrysene
 Concen: 0.042 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.08 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	32.7	16.6	25.0#

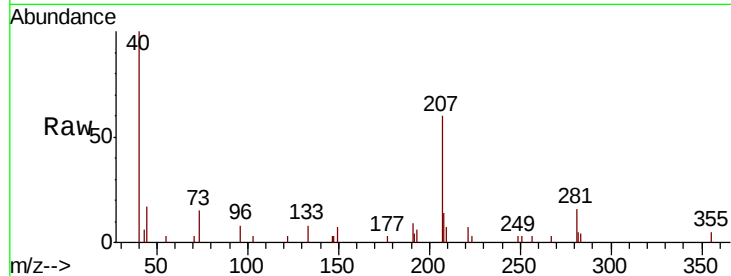




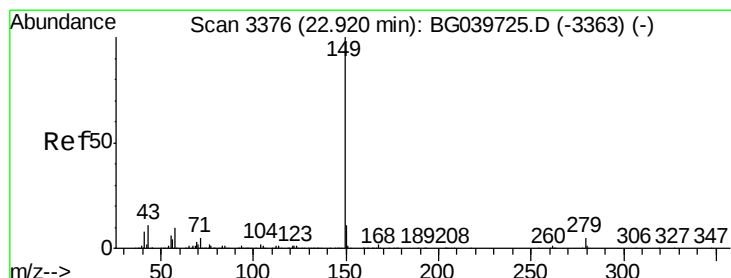
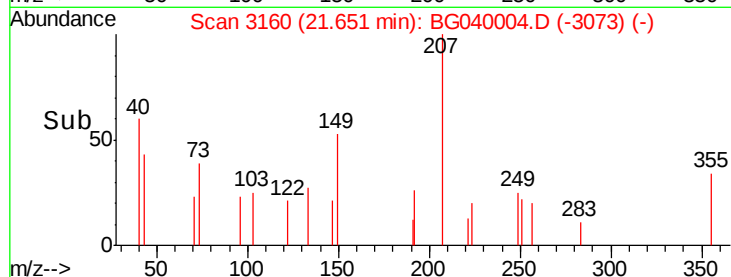
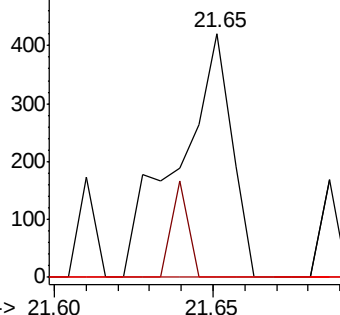
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BL

Tgt Ion:149 Resp: 496
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.6 34.0#
 279 0.0 3.5 5.3#

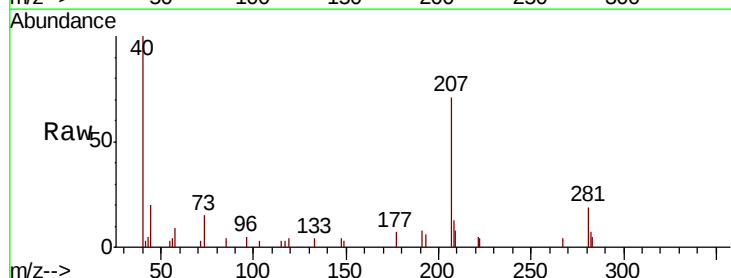


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

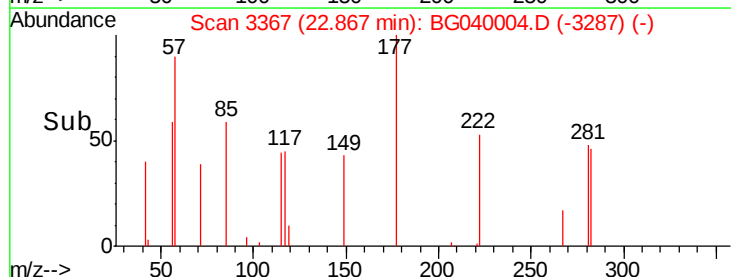
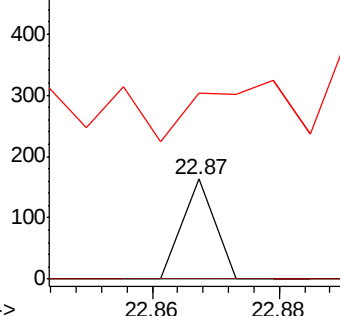


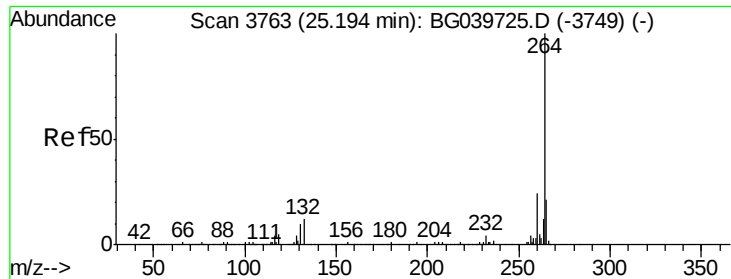
#85
 Di-n-octyl phthalate
 Concen: 0.003 ng
 RT: 22.87 min Scan# 3367
 Delta R.T. -0.06 min
 Lab File: BG040004.D
 Acq: 19 Mar 2019 16:00

Tgt Ion:149 Resp: 57
 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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

Instrument :

BNA_G

ClientSampled :

PB118018BL

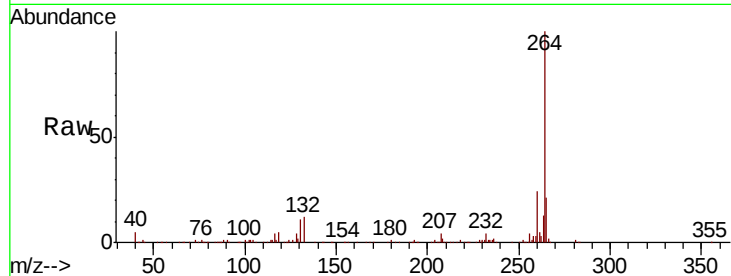
Tgt Ion:264 Resp: 306394

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

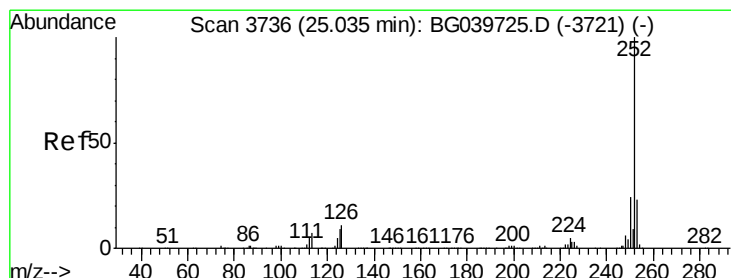
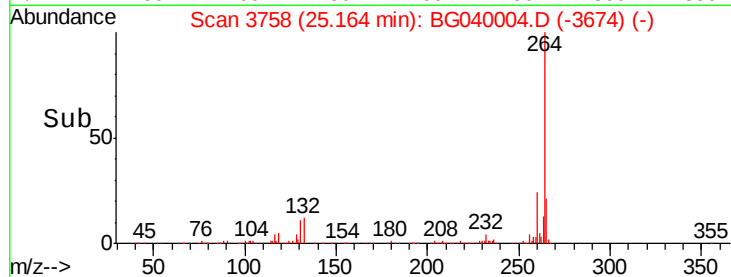
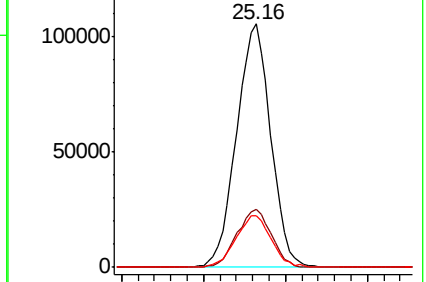
265 21.4 18.5 27.7



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



#90

Benzo(a)pyrene

Concen: 0.073 ng

RT: 25.16 min Scan# 3757

Delta R.T. 0.12 min

Lab File: BG040004.D

Acq: 19 Mar 2019 16:00

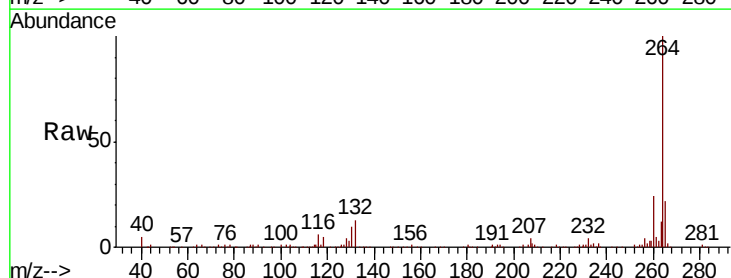
Tgt Ion:252 Resp: 1227

Ion Ratio Lower Upper

252 100

253 39.4 17.9 26.9#

125 29.1 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

