

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040005.D
 Acq On : 19 Mar 2019 16:40
 Operator : JU/SJ
 Sample : PB118005BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BL

Quant Time: Mar 20 04:09:09 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	38815	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	159384	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	104369	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	262498	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	285390	20.00	ng	-0.03
87) Perylene-d12	25.16	264	280877	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	259095	113.88	ng	-0.02
7) Phenol-d6	7.29	99	368053	108.49	ng	-0.02
23) Nitrobenzene-d5	9.32	82	223255	75.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	132566	108.97	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	548716	74.86	ng	-0.02
79) Terphenyl-d14	20.11	244	911937	70.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	61	0.058	ng	# 1
4) n-Nitrosodimethylamine	3.89	42	66	0.049	ng	# 1
6) Aniline	7.67	93	358	0.081	ng	# 1
9) Benzaldehyde	7.29	77	416	0.190	ng	# 4
10) Phenol	7.67	94	585	0.159	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	358	0.125	ng	# 1
15) Benzyl Alcohol	8.46	79	4007	1.489	ng	# 48
19) n-Nitroso-di-n-propylamine	9.32	70	29663	12.148	ng	# 71
24) Nitrobenzene	9.31	77	768	0.248	ng	# 41
29) 2,4-Dichlorophenol	10.93	162	64	0.024	ng	# 23
46) 1,1'-Biphenyl	13.60	154	793	0.092	ng	# 41
48) 2-Nitroaniline	13.39	65	924	0.445	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	13511	7.303	ng	# 25
52) Acenaphthene	14.77	154	358	0.056	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	13511	5.197	ng	# 20
58) Fluorene	16.25	166	5956	0.724	ng	# 84
62) 4-Nitroaniline	15.40	138	55	0.027	ng	# 10
63) Azobenzene	16.26	77	810	0.103	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.25	198	471	0.303	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	5701	0.750	ng	# 49
67) 4-Bromophenyl-phenylether	16.26	248	10517	3.579	ng	# 1
71) Phenanthrene	17.55	178	113	0.008	ng	# 59
72) Anthracene	17.55	178	113	0.008	ng	# 60
77) Benzydine	20.11	184	15952	1.761	ng	# 95
78) Pyrene	20.11	202	3381	0.182	ng	# 52
80) Butylbenzylphthalate	20.74	149	59	0.008	ng	# 22
81) Benzo(a)anthracene	21.79	228	821	0.046	ng	# 51
83) Chrysene	21.79	228	821	0.047	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.65	149	401	0.040	ng	# 52
85) Di-n-octyl phthalate	22.89	149	112	0.007	ng	# 1
88) Benzo(b)fluoranthene	24.06	252	71	0.004	ng	# 60
89) Benzo(k)fluoranthene	24.06	252	71	0.005	ng	# 59
90) Benzo(a)pyrene	25.14	252	327	0.021	ng	# 59

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

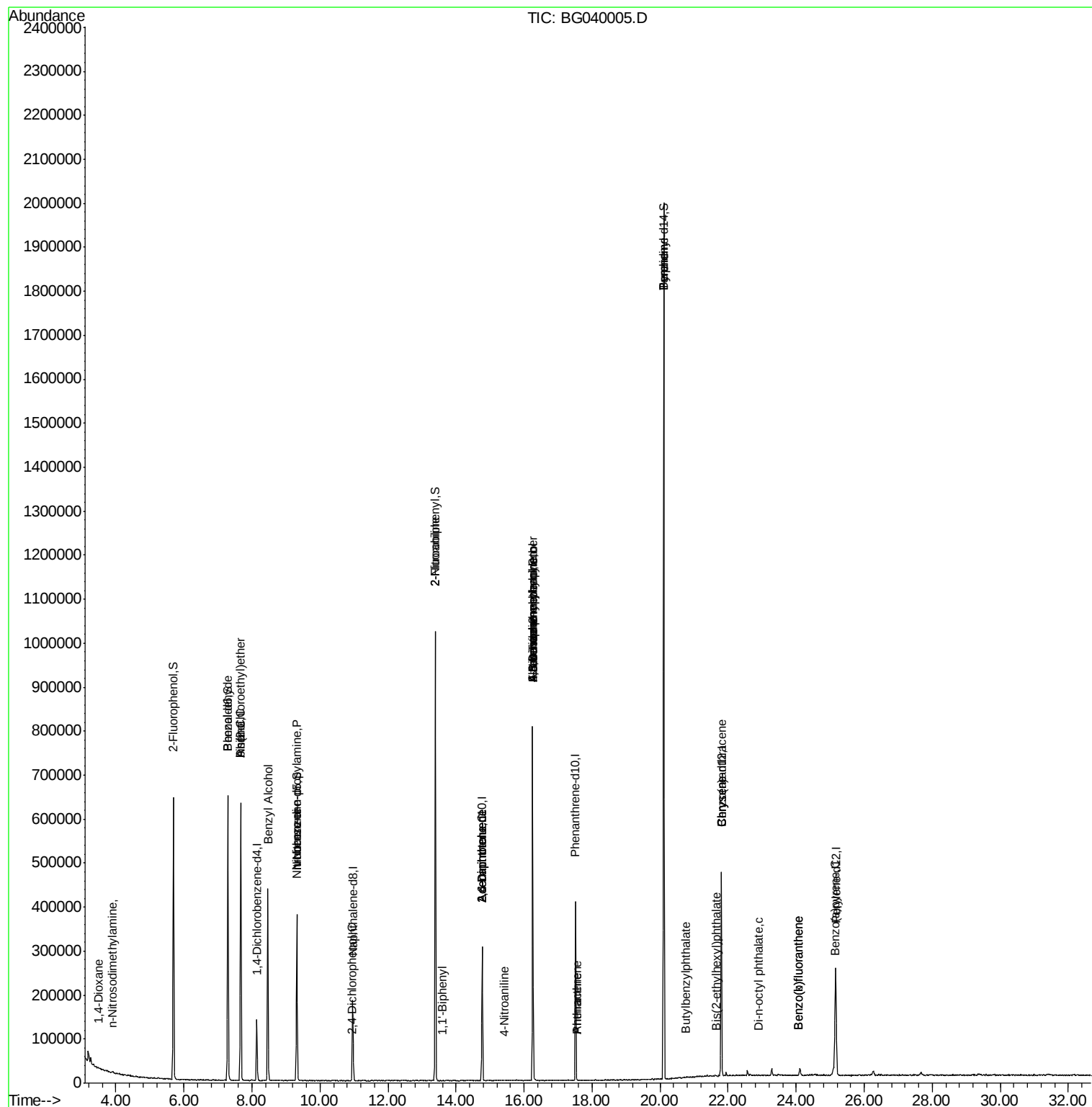
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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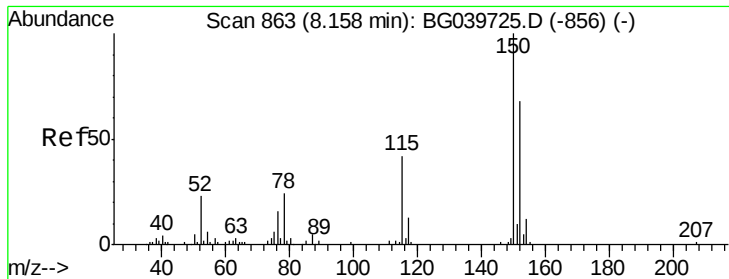
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

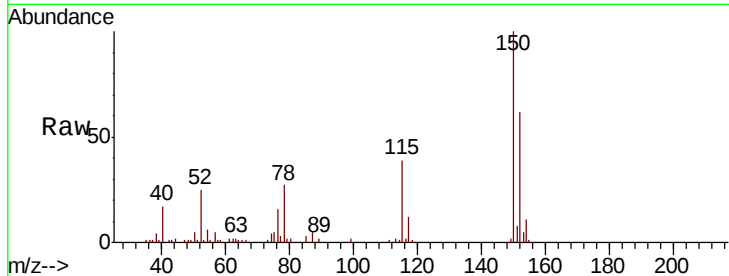
Tgt Ion:152 Resp: 38815

Ion Ratio Lower Upper

152 100

150 160.7 123.7 185.5

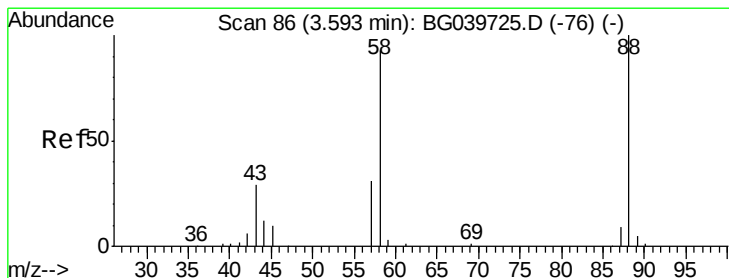
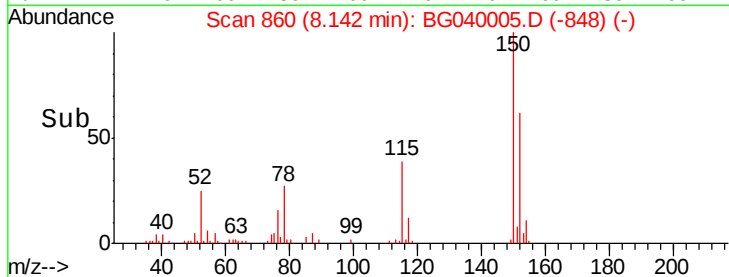
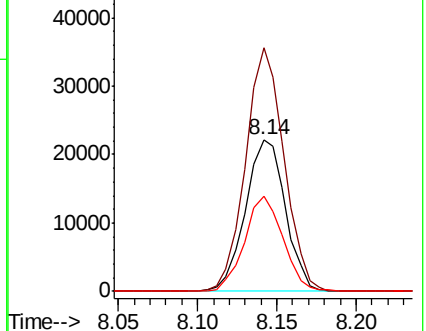
115 62.5 45.9 68.9



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: 0.058 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.11 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

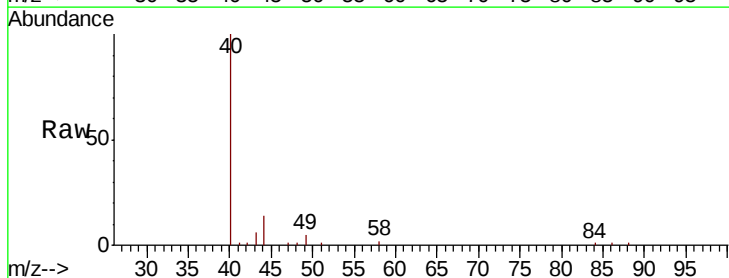
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

58 309.8 81.1 121.7#

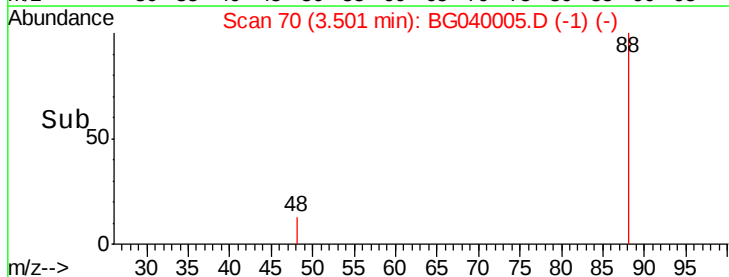
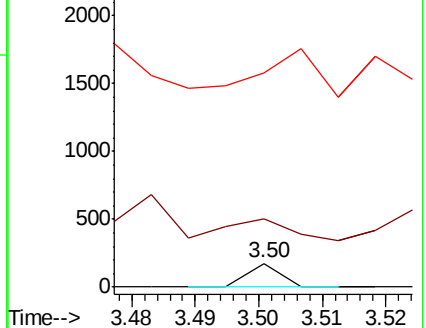
43 0.0 31.4 47.0#

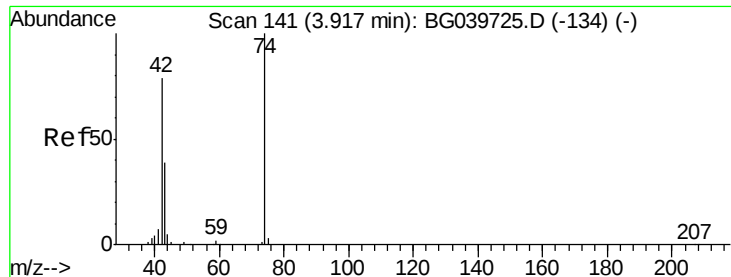


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



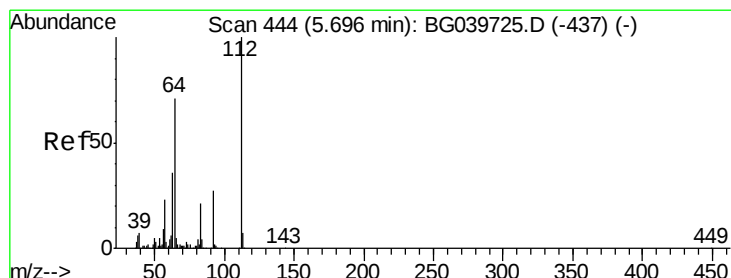
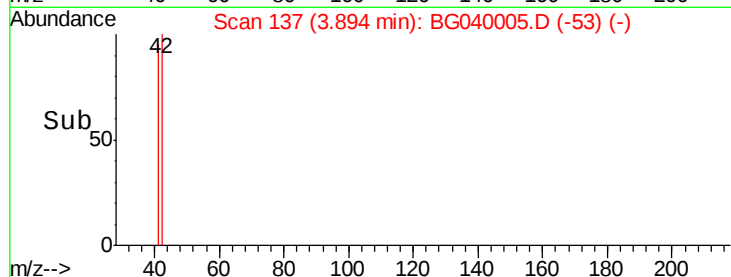
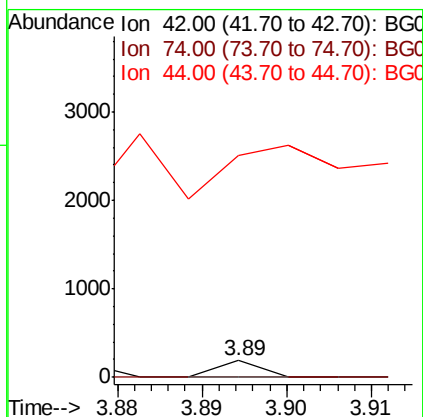
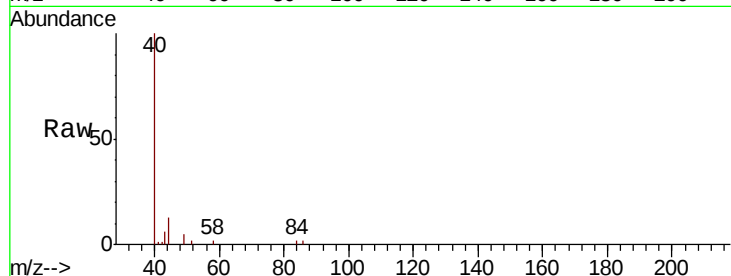


#4

n-Nitrosodimethylamine
 Concen: 0.049 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.03 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BL

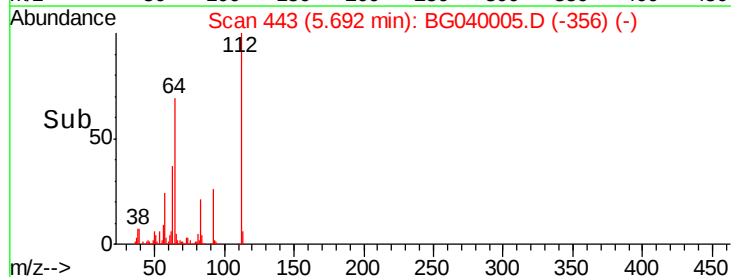
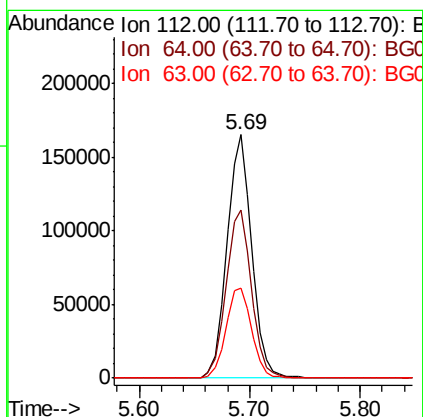
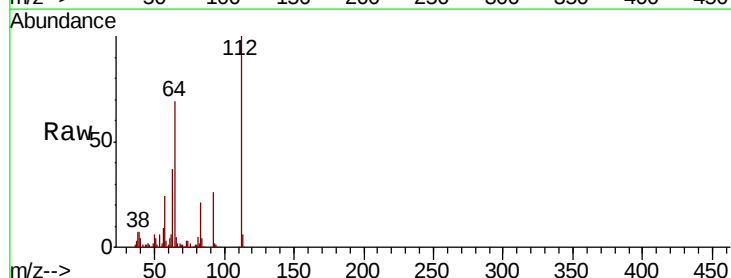
Tgt Ion: 42 Resp: 66
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 1350.5 6.9 10.3#

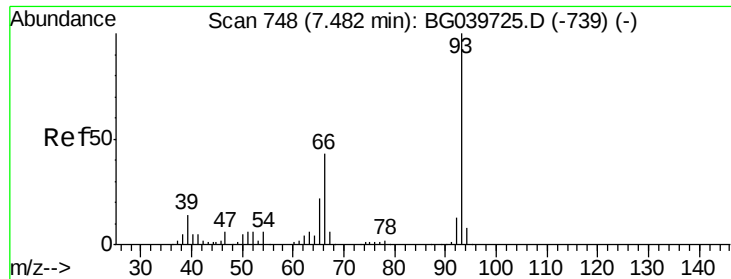


#5

2-Fluorophenol
 Concen: 113.878 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Tgt Ion: 112 Resp: 259095
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.8 86.8
 63 37.1 29.8 44.6





#6

Aniline

Concen: 0.081 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.18 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

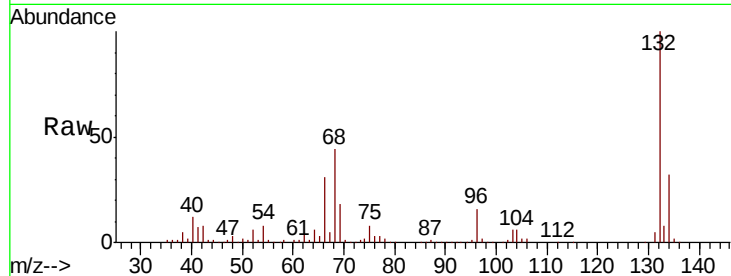
Tgt Ion: 93 Resp: 358

Ion Ratio Lower Upper

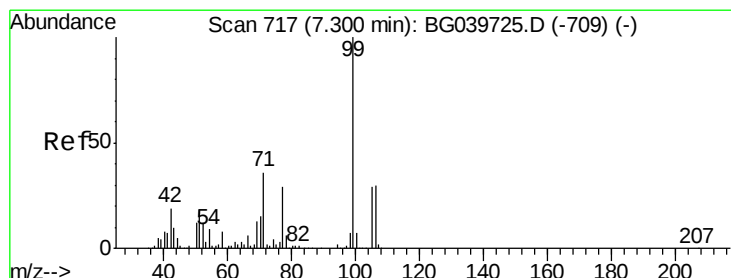
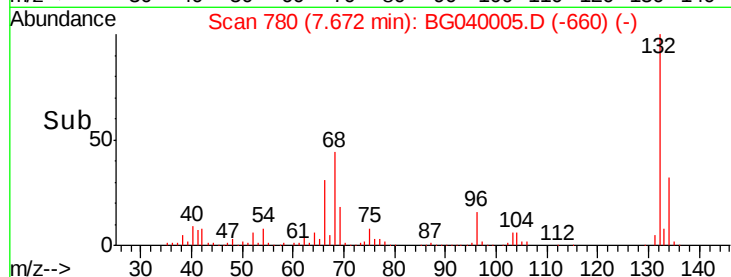
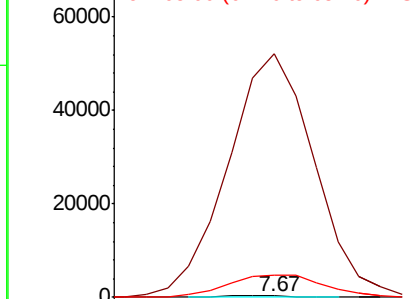
93 100

66 15987.7 34.2 51.4#

65 1465.0 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: 108.492 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

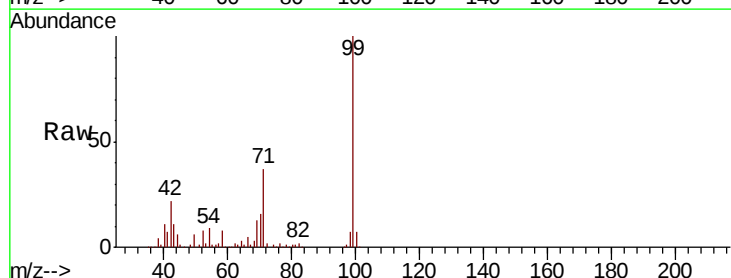
Tgt Ion: 99 Resp: 368053

Ion Ratio Lower Upper

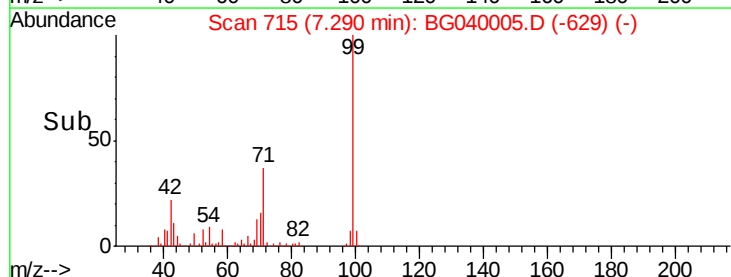
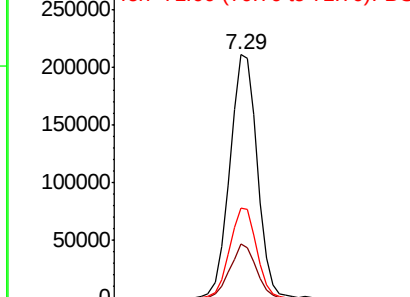
99 100

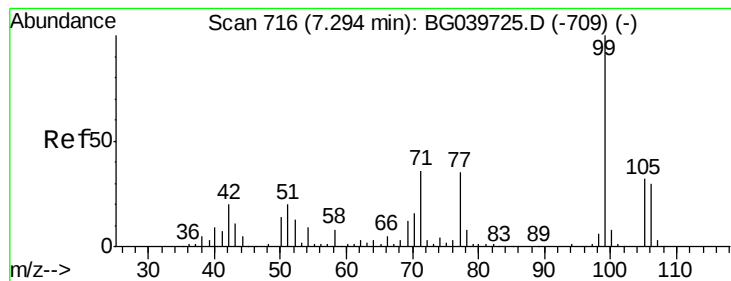
42 22.3 18.2 27.2

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: 0.190 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

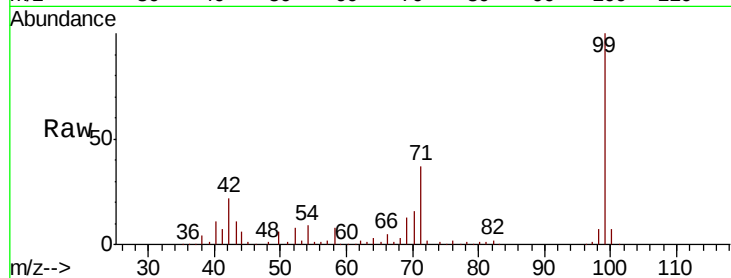
Tgt Ion: 77 Resp: 416

Ion Ratio Lower Upper

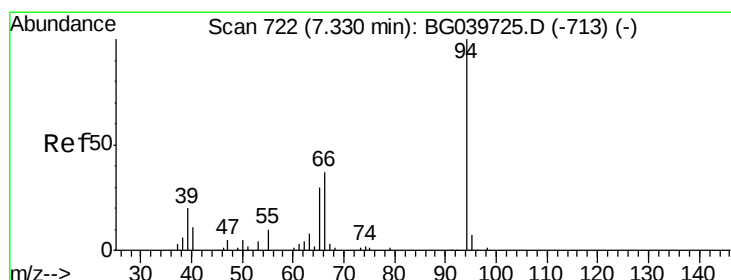
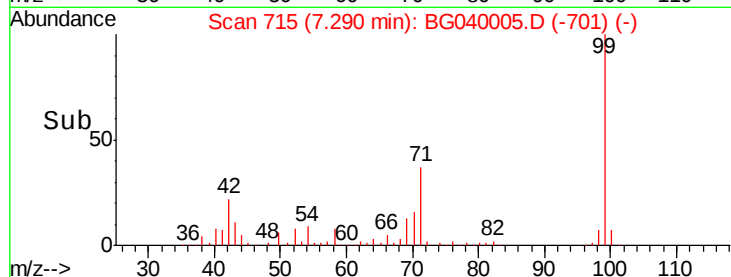
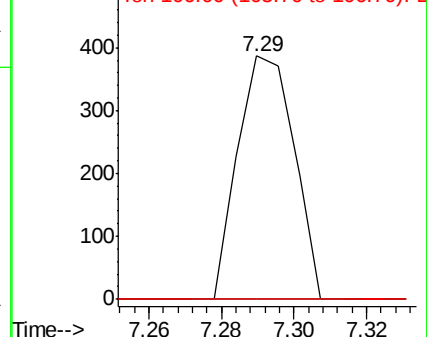
77 100

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: 0.159 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.34 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

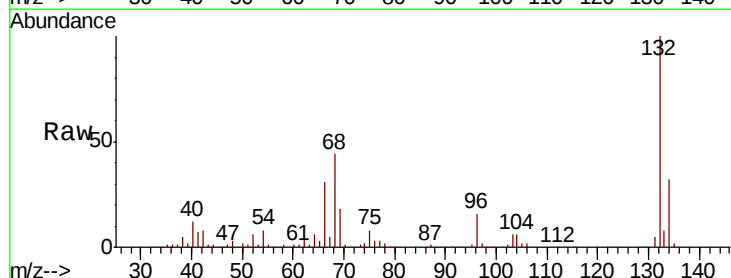
Tgt Ion: 94 Resp: 585

Ion Ratio Lower Upper

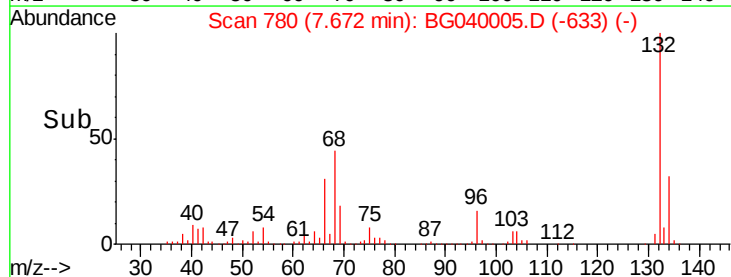
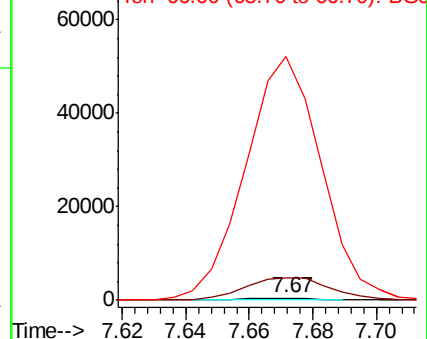
94 100

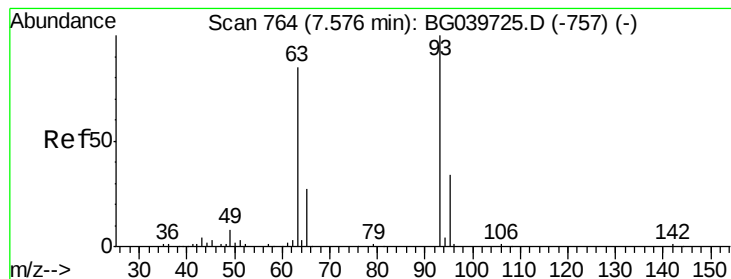
65 1083.0 11.7 51.7#

66 11818.6 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

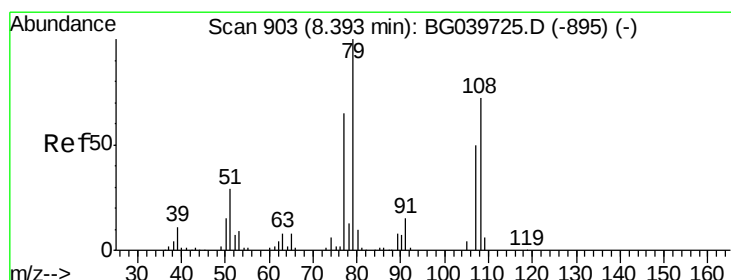
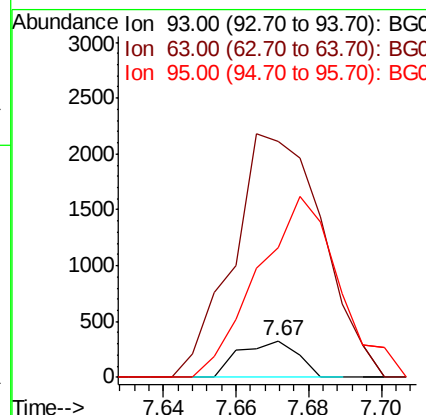
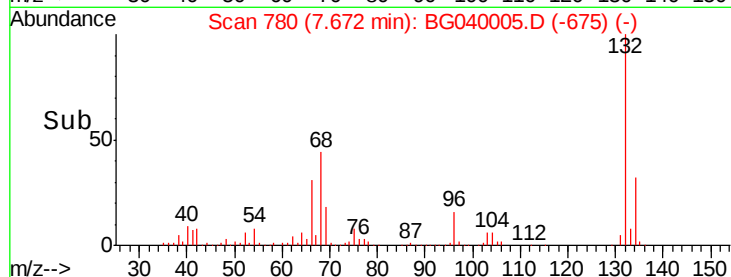
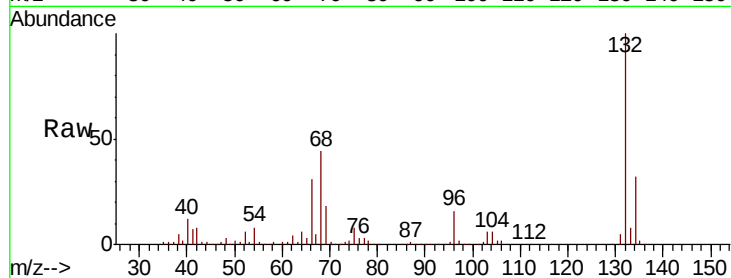




#11
bis(2-Chloroethyl)ether
Concen: 0.125 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

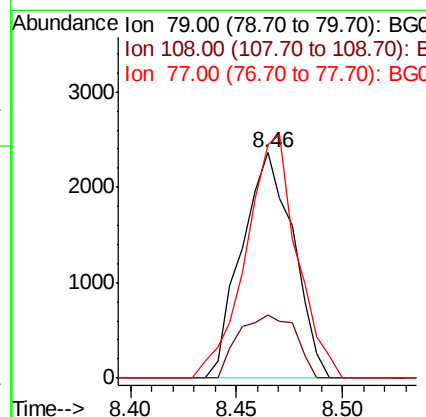
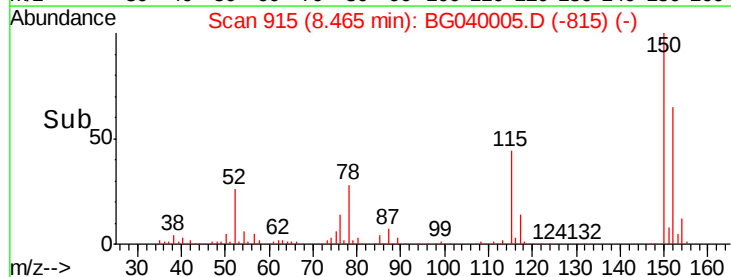
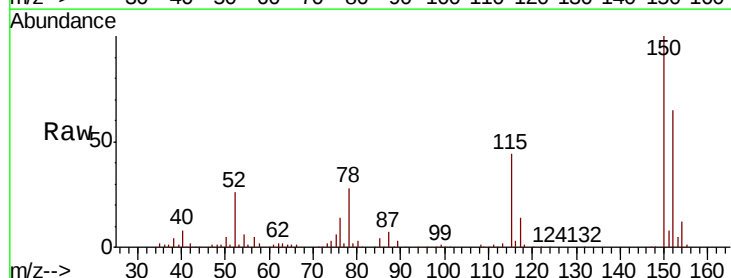
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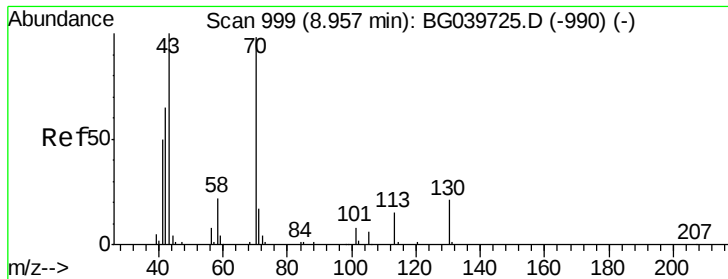
Tgt Ion: 93 Resp: 358
Ion Ratio Lower Upper
93 100
63 649.4 69.5 109.5#
95 355.2 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.489 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion: 79 Resp: 4007
Ion Ratio Lower Upper
79 100
108 27.8 57.8 86.6#
77 103.7 51.1 76.7#

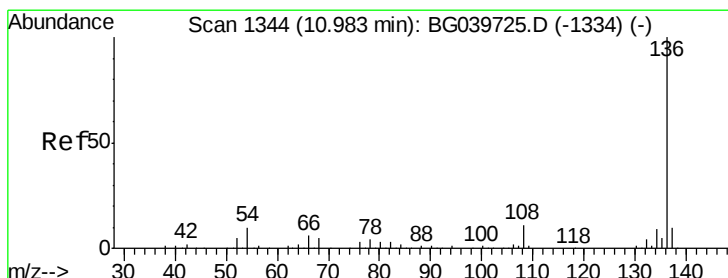
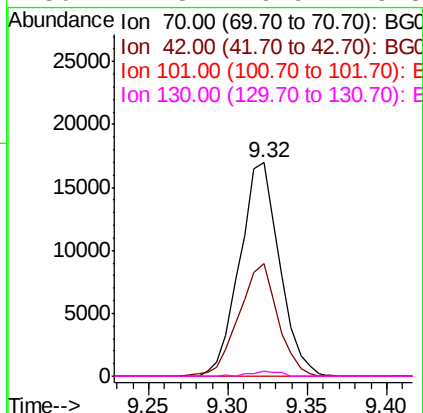
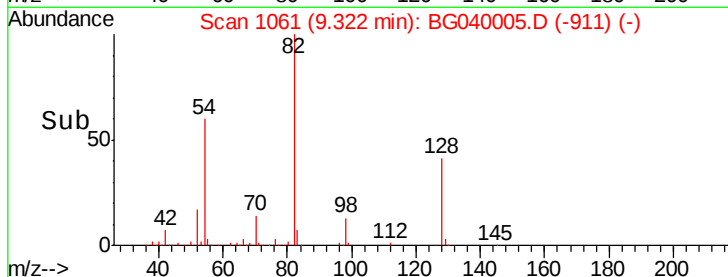
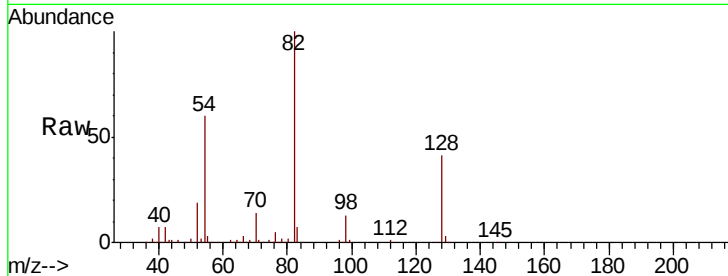




#19
n-Nitroso-di-n-propylamine
Concen: 12.148 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

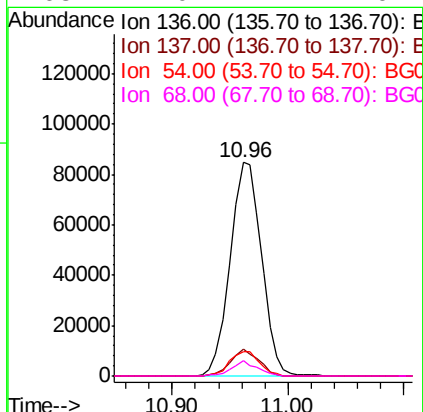
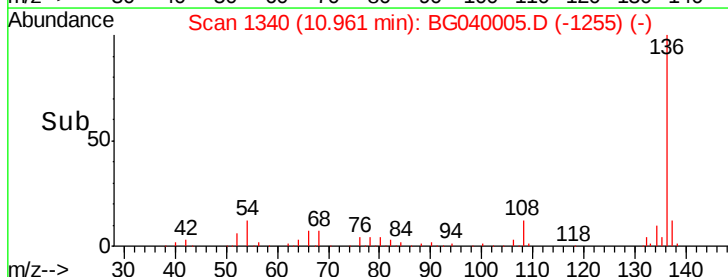
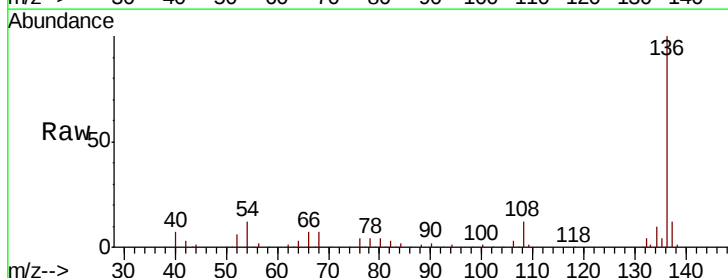
Instrument :
BNA_G
ClientSampleId :
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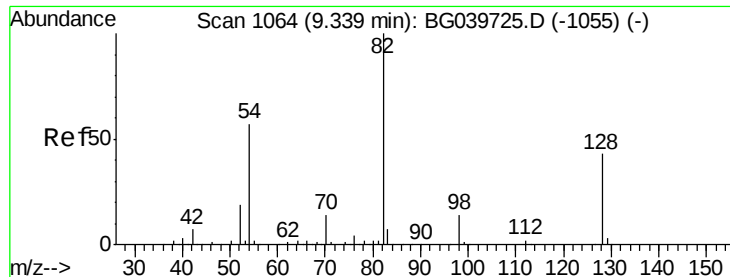
Tgt Ion: 70 Resp: 29663
Ion Ratio Lower Upper
70 100
42 53.0 60.4 90.6#
101 0.0 7.5 11.3#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion: 136 Resp: 159384
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 11.5 9.4 14.2
68 7.0 4.2 6.4#

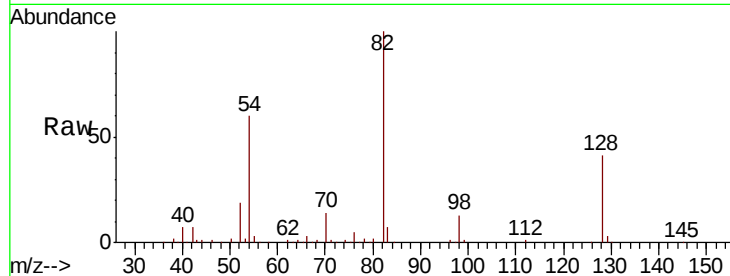




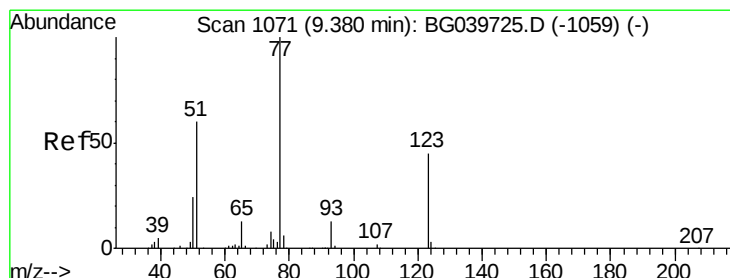
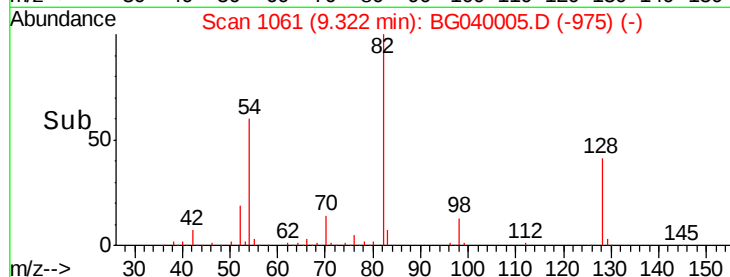
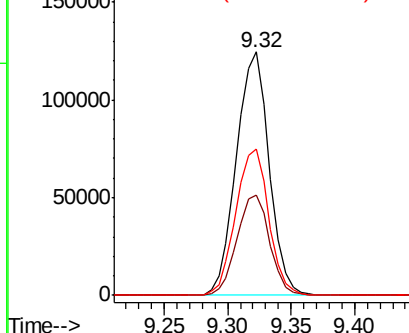
#23
 Nitrobenzene-d5
 Concen: 75.757 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.3	46.9
54	60.2	50.9	76.3

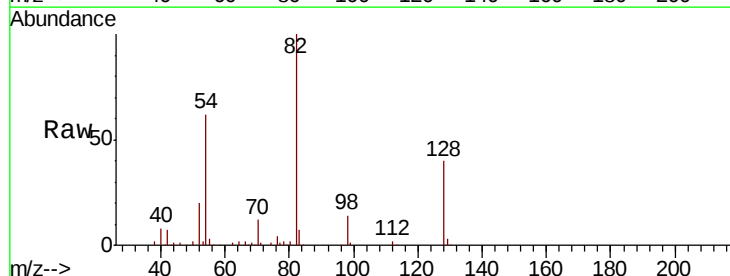


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

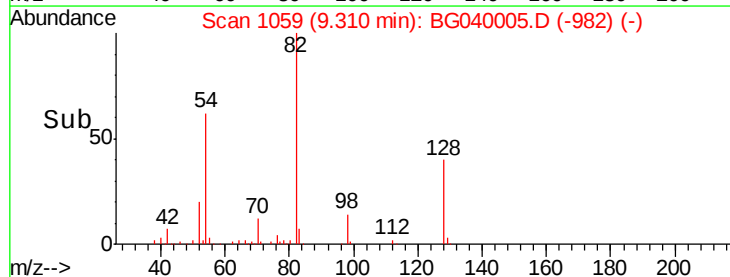
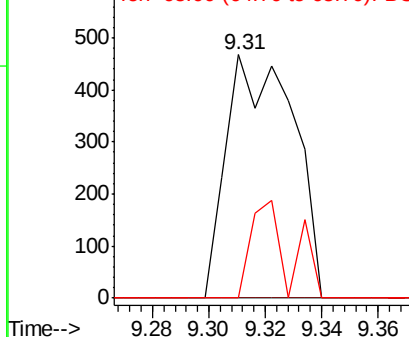


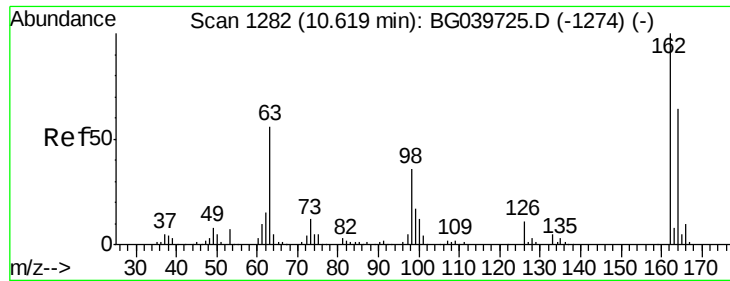
#24
 Nitrobenzene
 Concen: 0.248 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.08 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

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



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

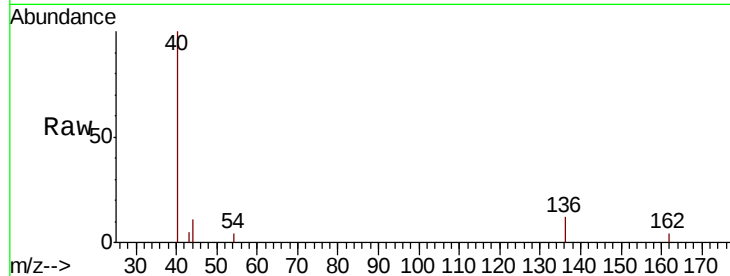




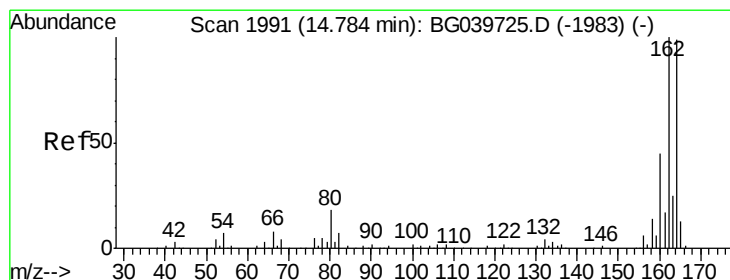
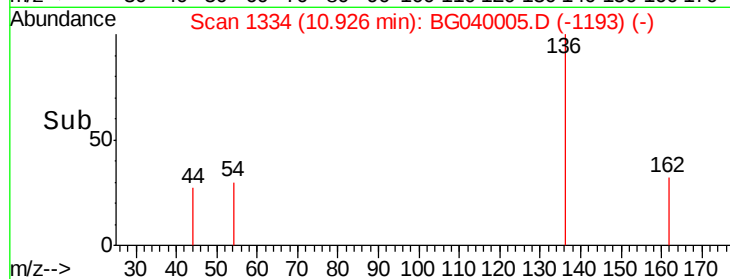
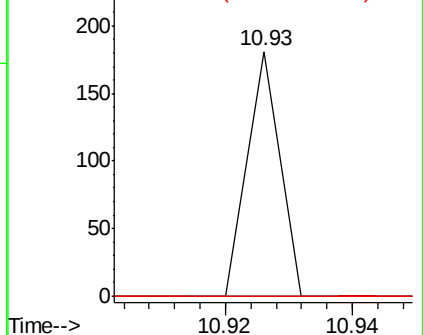
#29
2,4-Dichlorophenol
Concen: 0.024 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.30 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Instrument :
BNA_G
ClientSampleId :
PB118005BL

Tgt Ion:162 Resp: 64
Ion Ratio Lower Upper
162 100
164 0.0 48.1 88.1#
98 0.0 18.1 58.1#

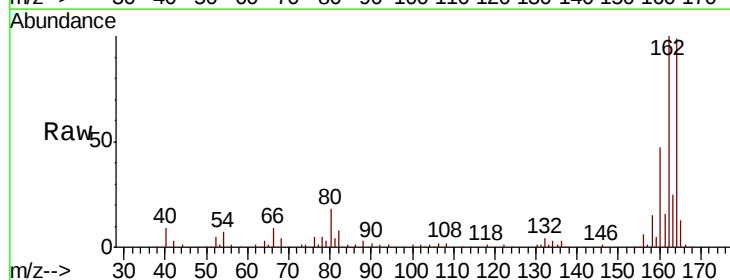


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

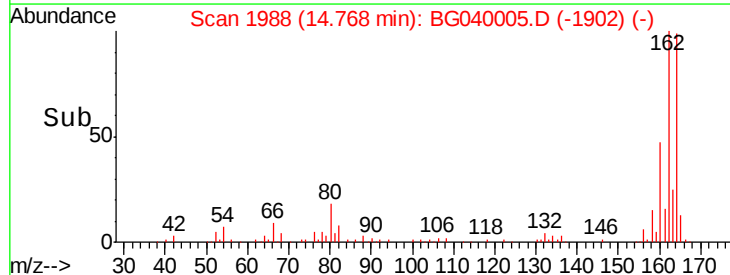
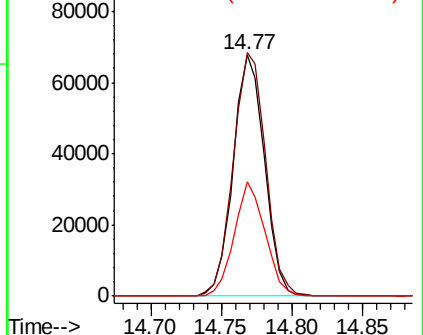


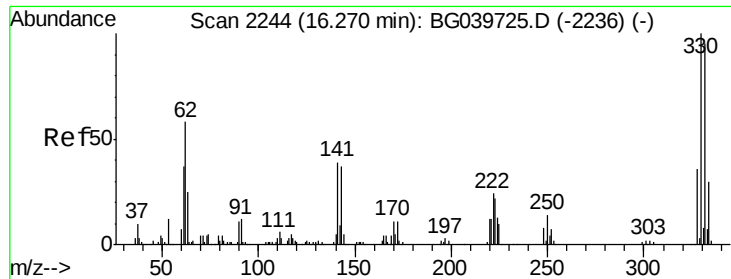
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion:164 Resp: 104369
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 47.1 34.2 51.2



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

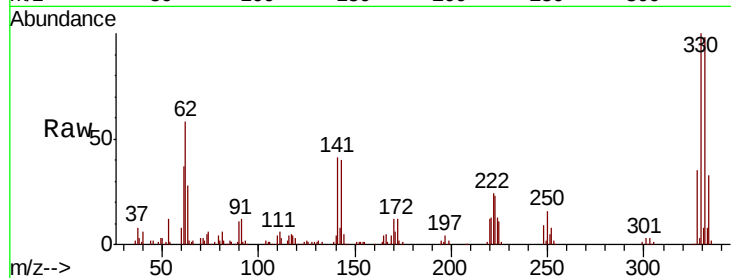




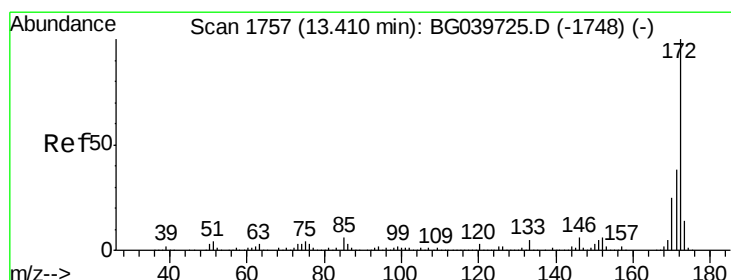
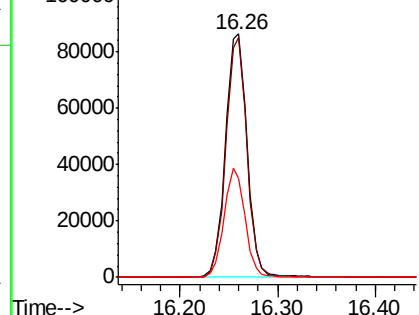
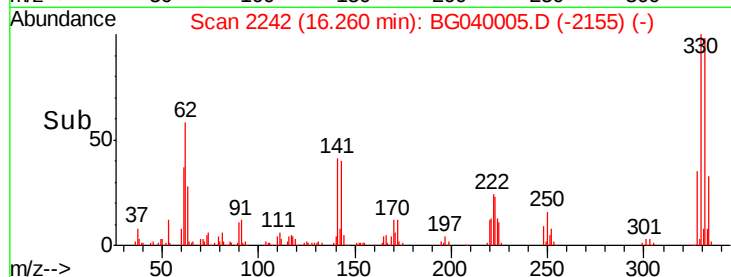
#42
 2,4,6-Tribromophenol
 Concen: 108.973 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BL

Tgt Ion:330 Resp: 132566
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 43.5 35.6 53.4

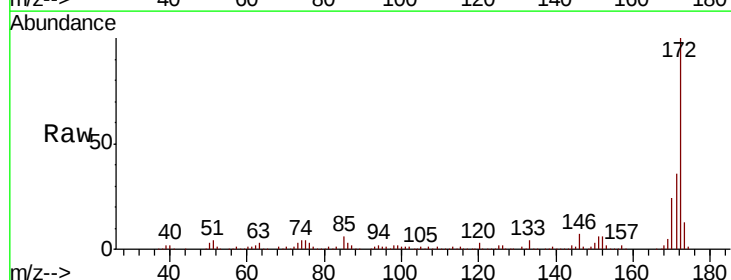


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

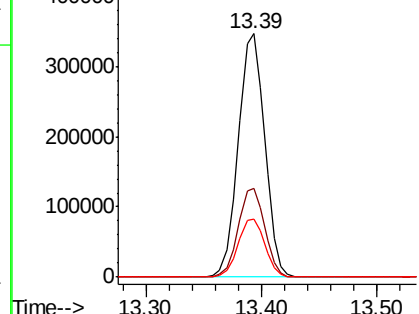
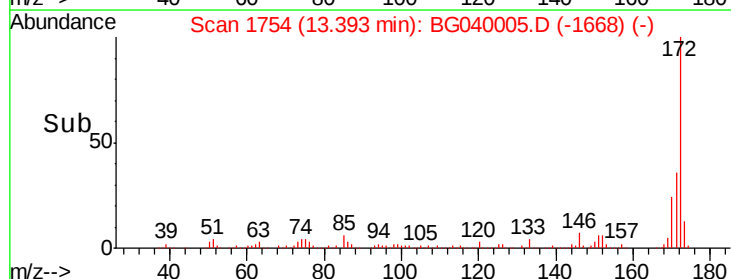


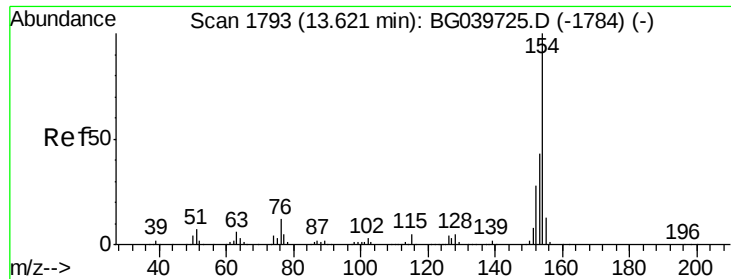
#45
 2-Fluorobiphenyl
 Concen: 74.857 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Tgt Ion:172 Resp: 548716
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.1 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

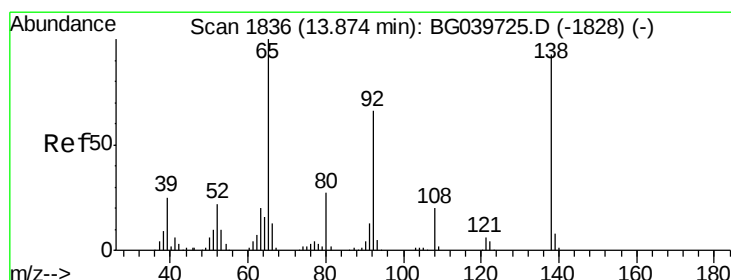
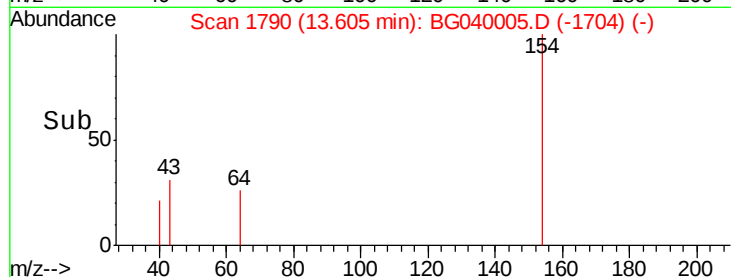
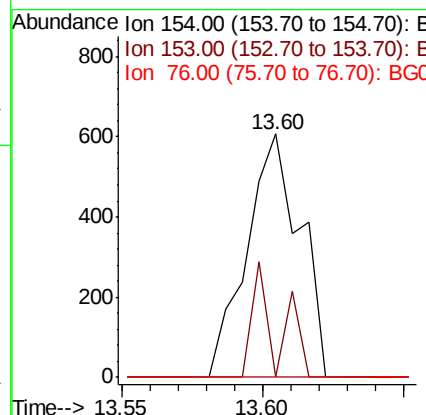
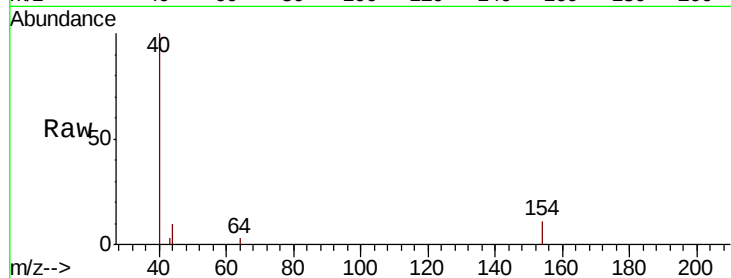




#46
1,1'-Biphenyl
Concen: 0.092 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

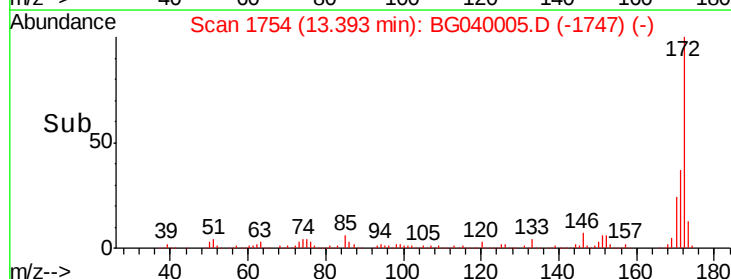
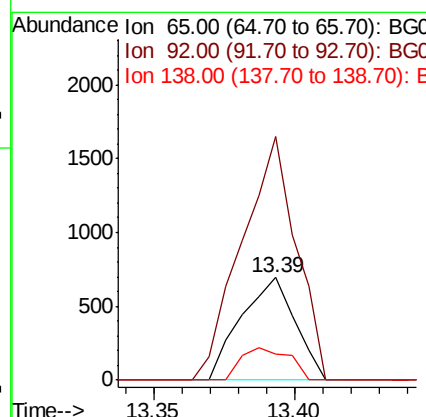
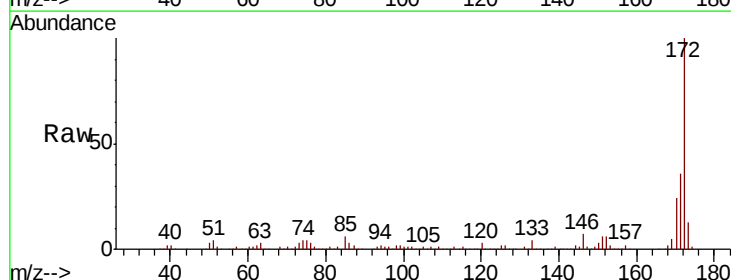
Instrument :
BNA_G
ClientSampleId :
PB118005BL

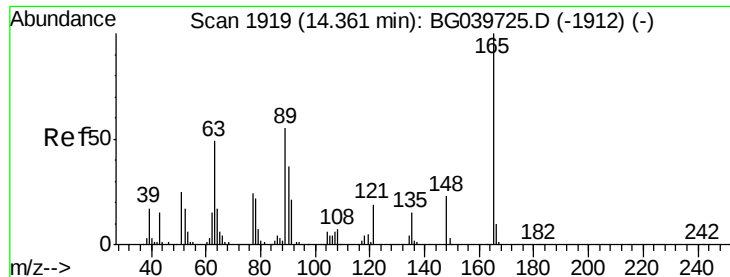
Tgt Ion: 154 Resp: 793
Ion Ratio Lower Upper
154 100
153 0.0 22.1 62.1#
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.445 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.49 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion: 65 Resp: 924
Ion Ratio Lower Upper
65 100
92 237.6 51.4 77.2#
138 25.4 71.4 107.2#





#51

2,6-Dinitrotoluene

Concen: 7.303 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

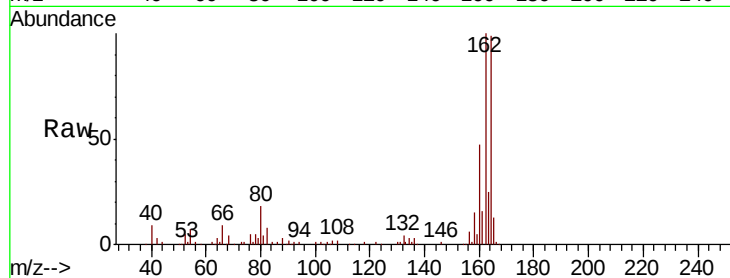
Tgt Ion:165 Resp: 13511

Ion Ratio Lower Upper

165 100

63 1.9 47.0 70.6#

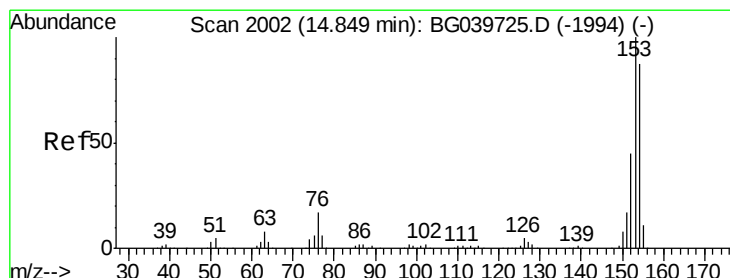
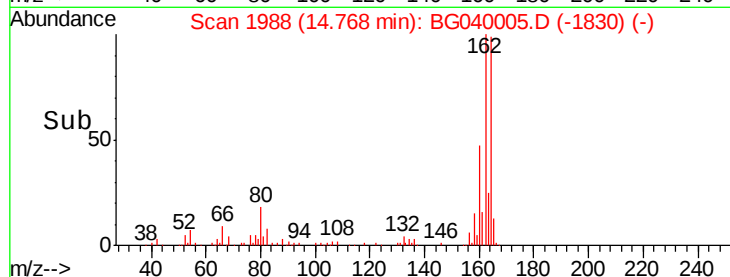
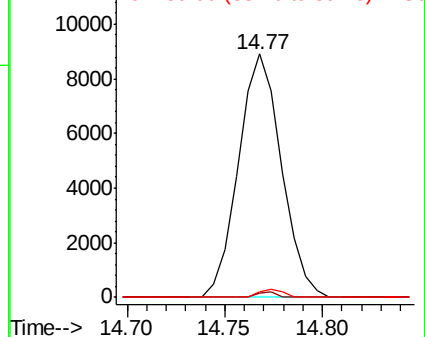
89 2.4 45.8 68.8#



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: 0.056 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

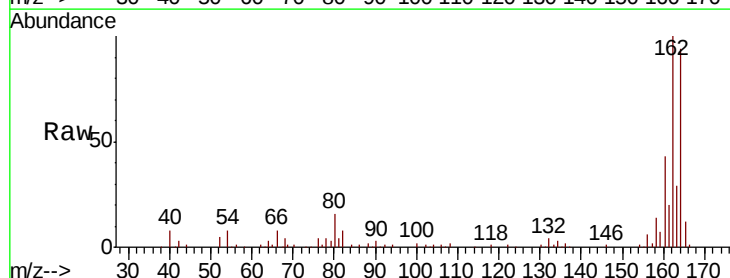
Tgt Ion:154 Resp: 358

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

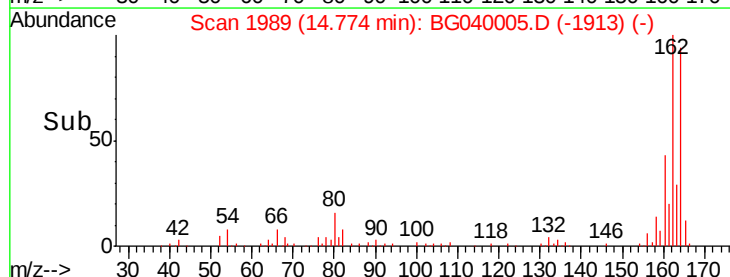
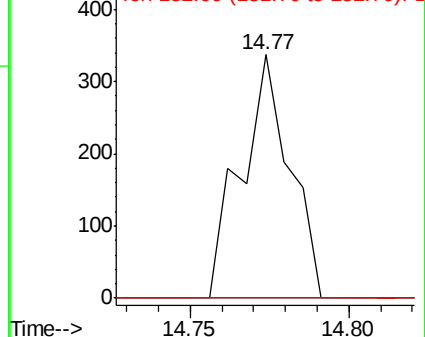
152 0.0 40.9 61.3#

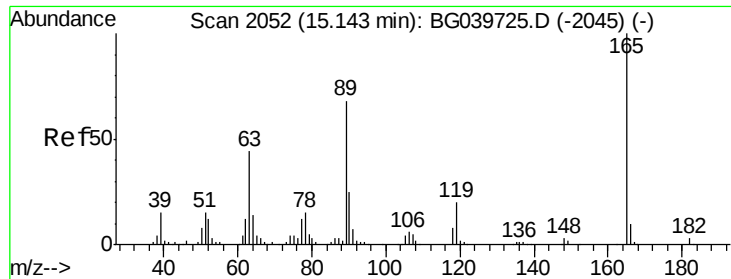


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

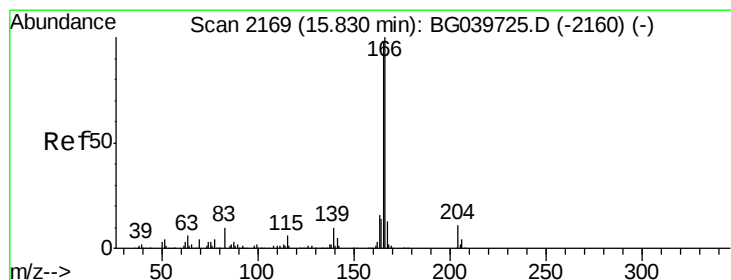
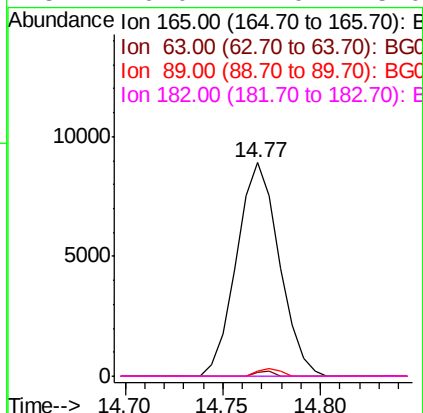
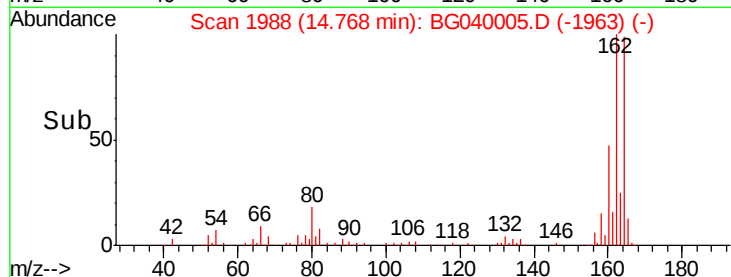
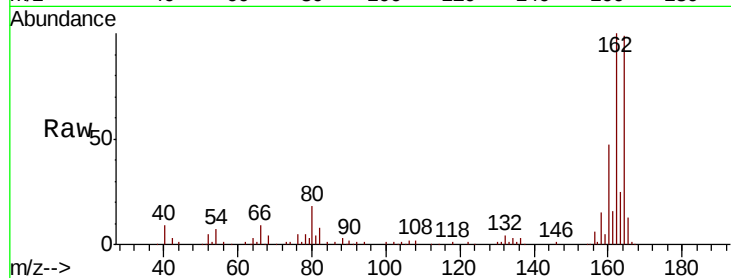




#57
2,4-Dinitrotoluene
Concen: 5.197 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

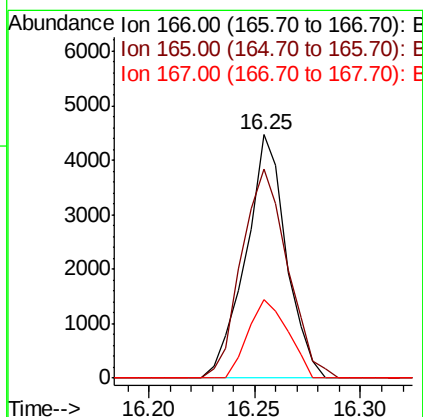
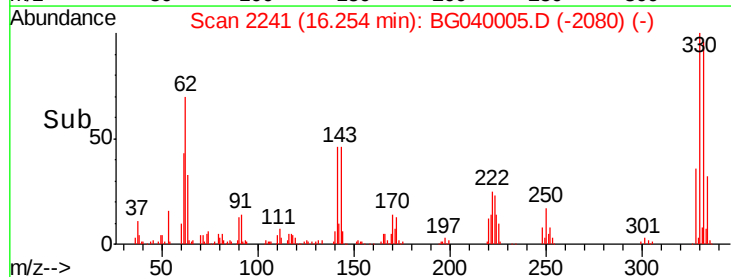
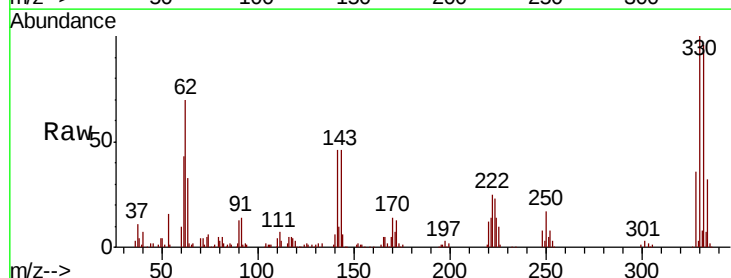
Instrument :
BNA_G
ClientSampleId :
PB118005BL

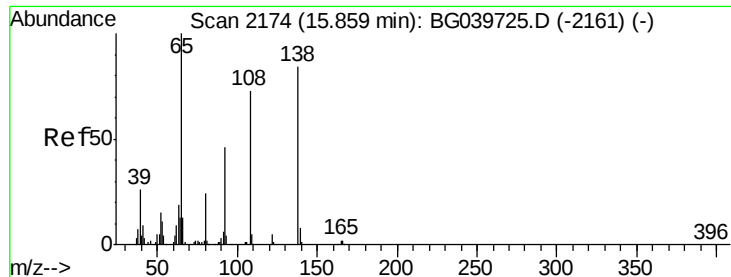
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	2.4	64.6	96.8#
182	0.0	2.0	3.0#



#58
Fluorene
Concen: 0.724 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.42 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	85.6	77.9	116.9
167	32.4	10.8	16.2#





#62

4-Nitroaniline

Concen: 0.027 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.47 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

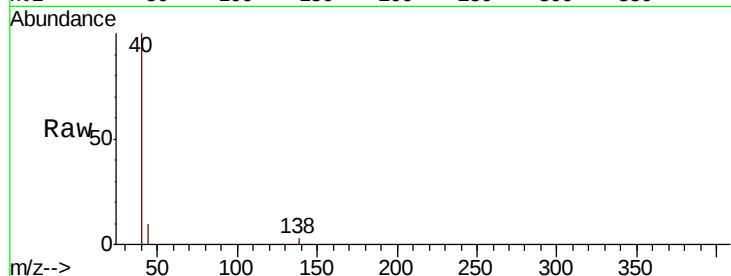
Tgt Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

92 0.0 38.7 78.7#

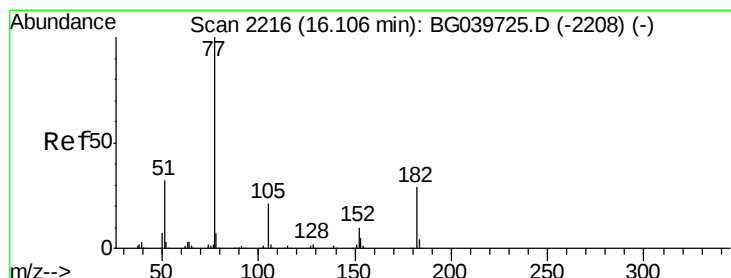
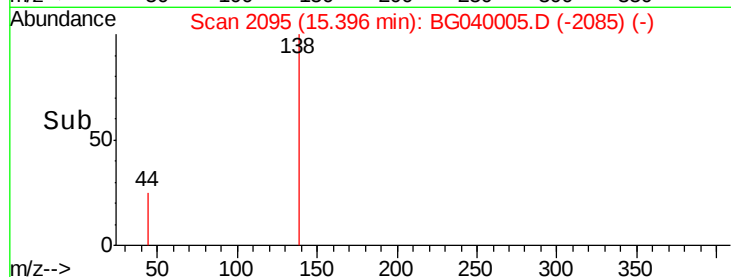
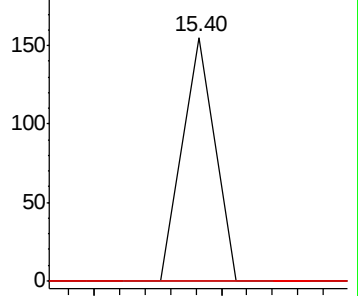
108 0.0 74.6 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.103 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.15 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Tgt Ion: 77 Resp: 810

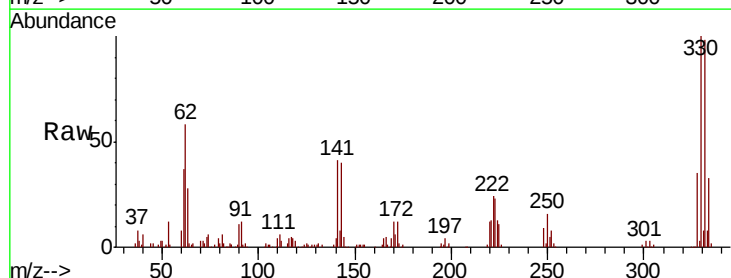
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 87.8 0.0 39.8#

51 76.6 14.1 54.1#

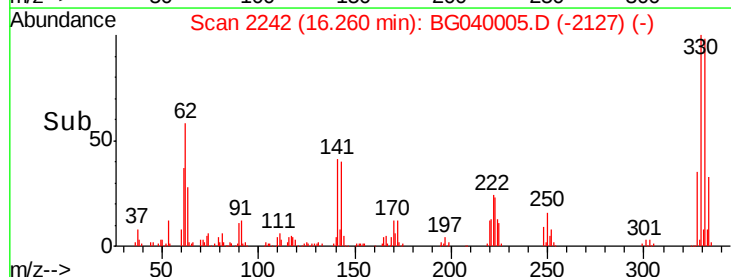
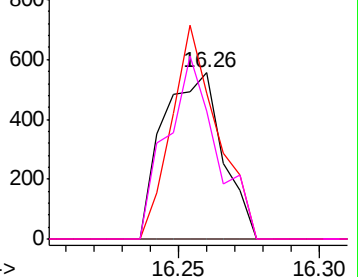


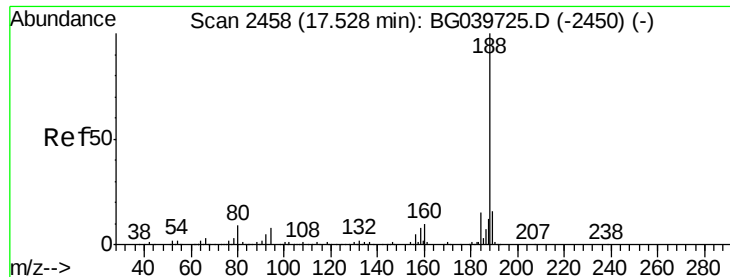
Abundance Ion 77.00 (76.70 to 77.70): BG

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): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

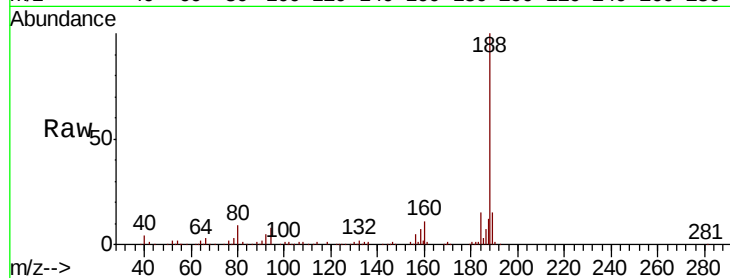
Tgt Ion:188 Resp: 262498

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

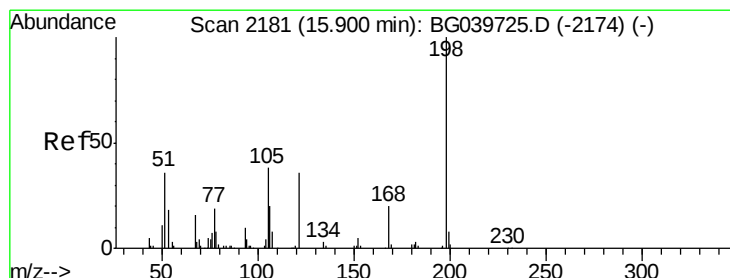
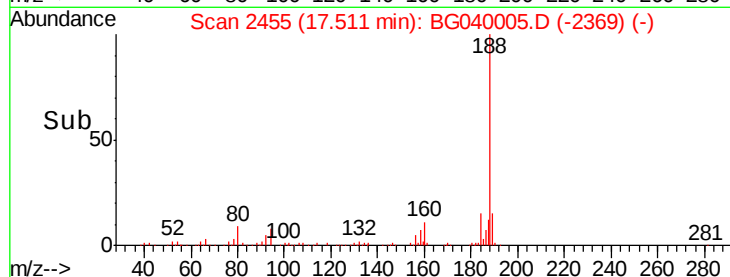
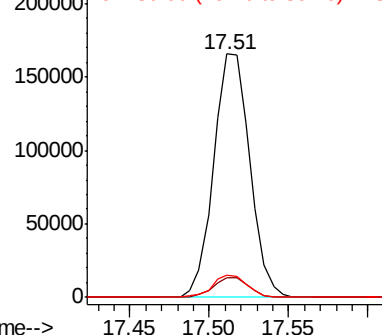
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.303 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.35 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

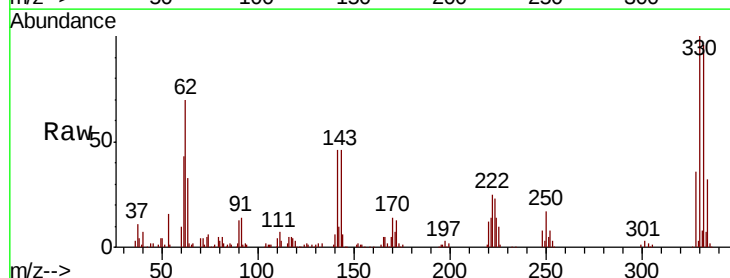
Tgt Ion:198 Resp: 471

Ion Ratio Lower Upper

198 100

51 181.1 27.4 67.4#

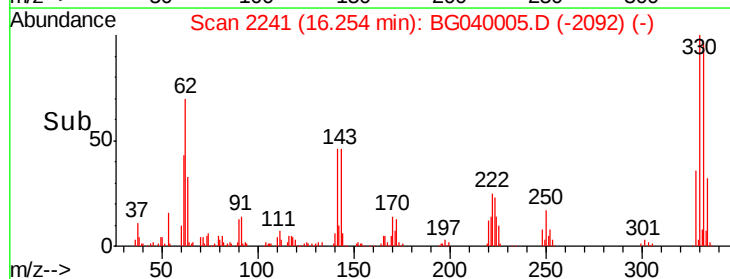
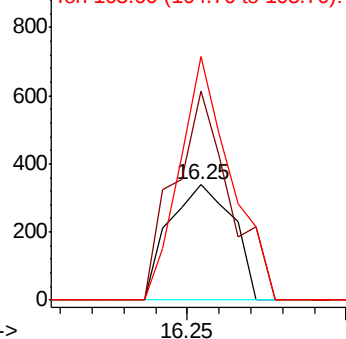
105 210.6 19.7 59.7#

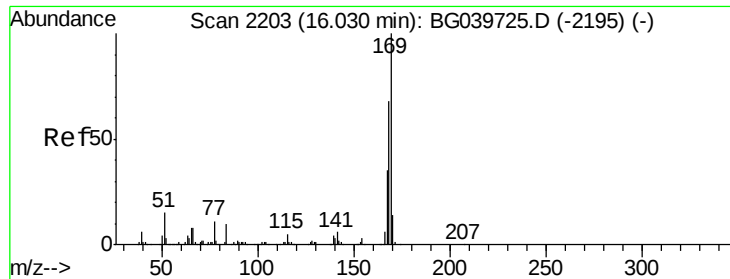


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

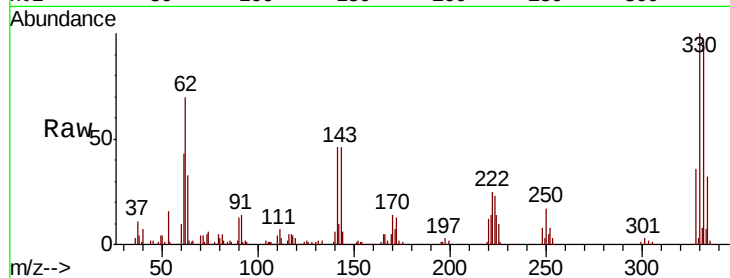




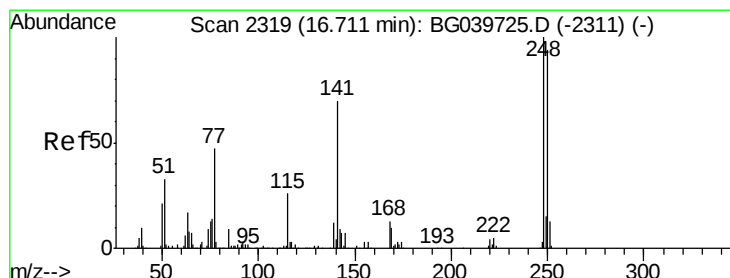
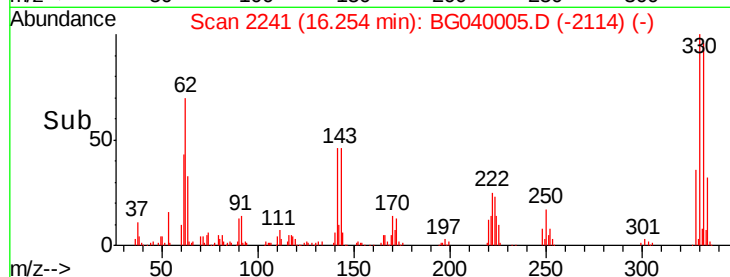
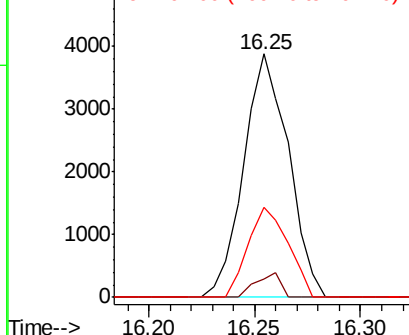
#66
 n-Nitrosodiphenylamine
 Concen: 0.750 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BL

Tgt Ion:169 Resp: 5701
 Ion Ratio Lower Upper
 169 100
 168 7.7 56.6 85.0#
 167 37.2 28.8 43.2

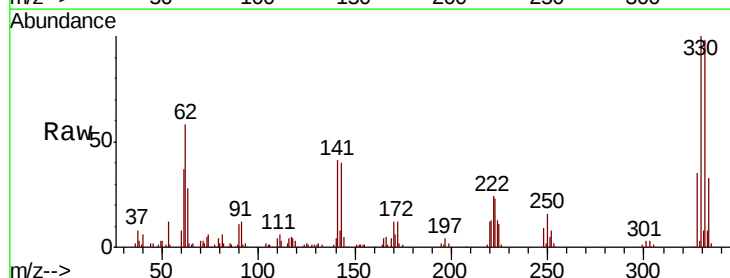


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

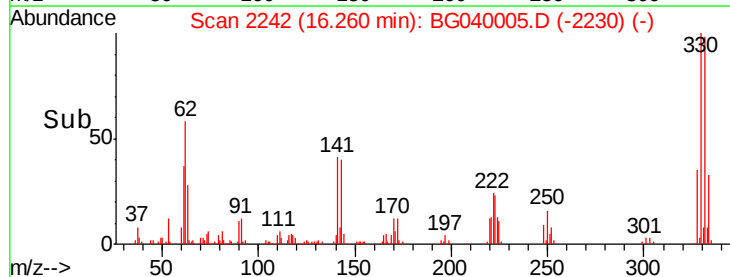
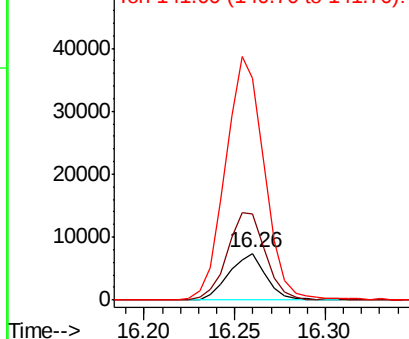


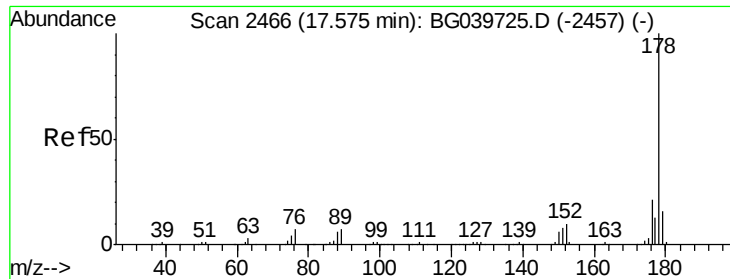
#67
 4-Bromophenyl-phenylether
 Concen: 3.579 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040005.D
 Acq: 19 Mar 2019 16:40

Tgt Ion:248 Resp: 10517
 Ion Ratio Lower Upper
 248 100
 250 184.9 77.6 116.4#
 141 476.9 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: 0.008 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

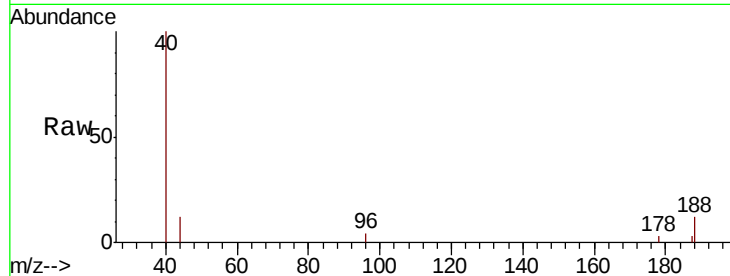
Tgt Ion:178 Resp: 113

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

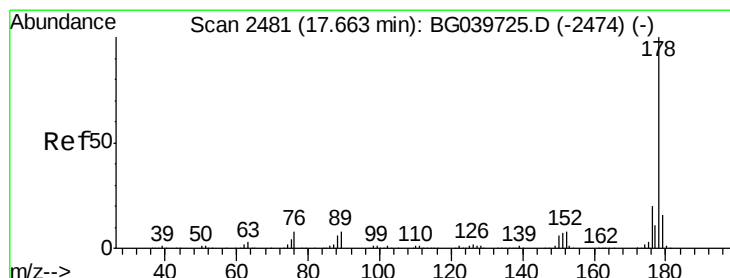
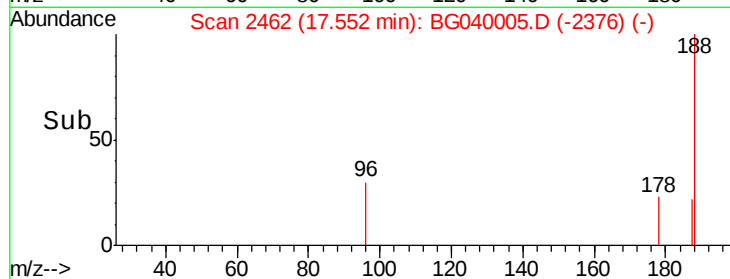
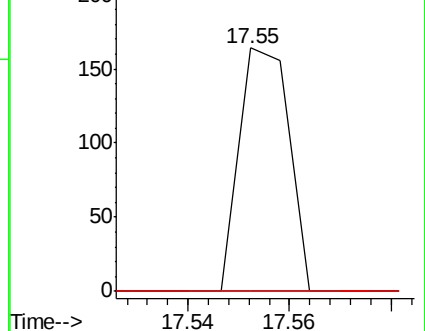
179 0.0 12.6 19.0#



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: 0.008 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

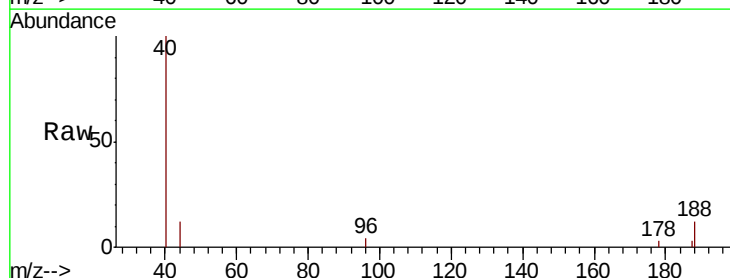
Tgt Ion:178 Resp: 113

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

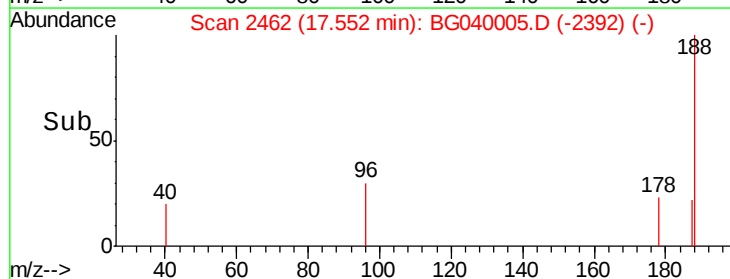
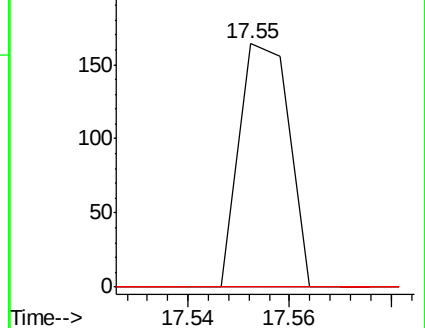
179 0.0 12.5 18.7#

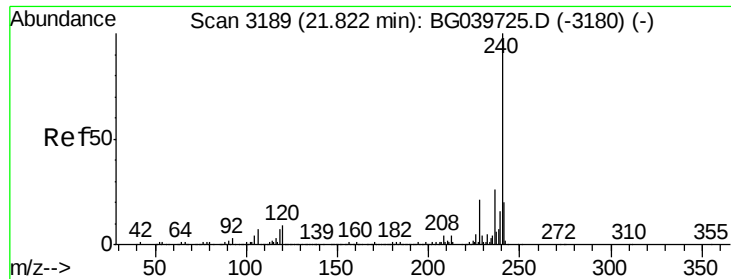


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

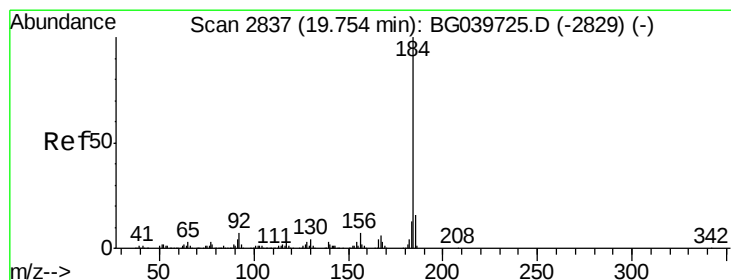
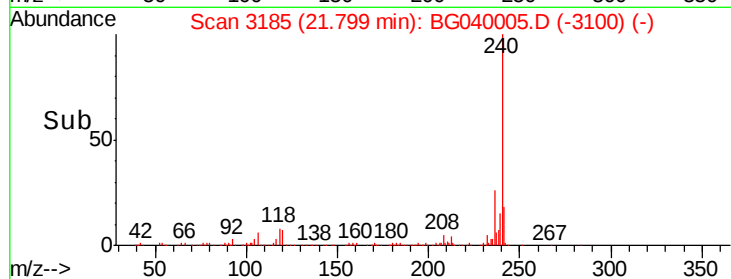
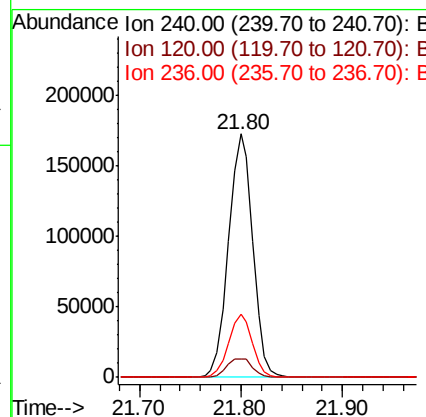
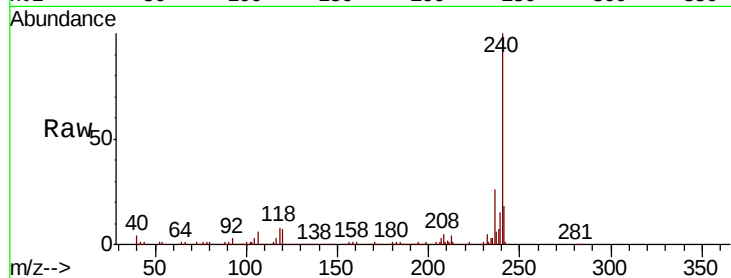




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

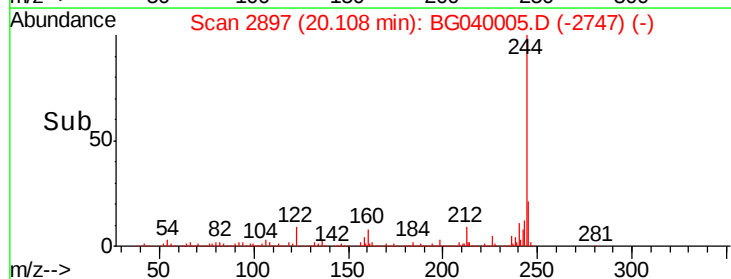
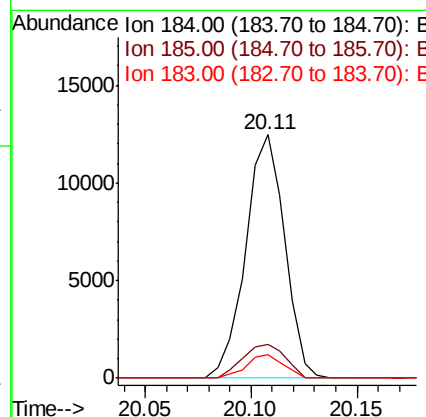
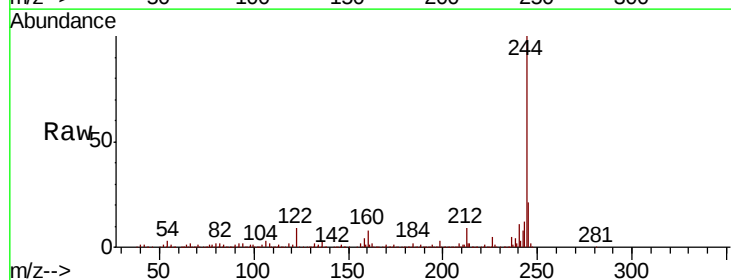
Instrument :
BNA_G
ClientSampleId :
PB118005BL

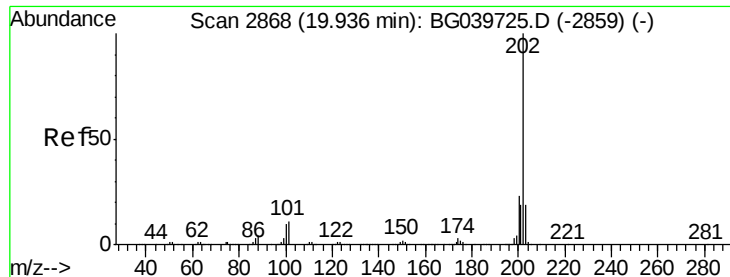
Tgt Ion:240 Resp: 285390
Ion Ratio Lower Upper
240 100
120 7.4 7.0 10.6
236 26.1 21.0 31.4



#77
Benzidine
Concen: 1.761 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion:184 Resp: 15952
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 9.9 10.6 15.8#





#78

Pyrene

Concen: 0.182 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.17 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

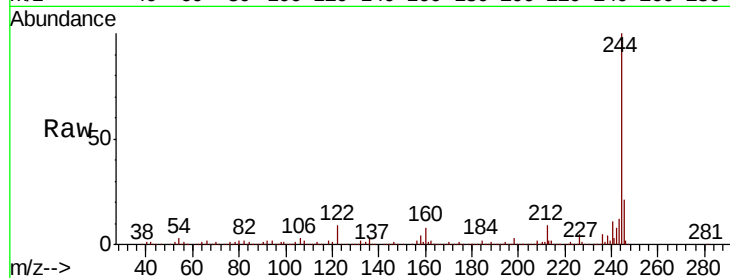
Tgt Ion:202 Resp: 3381

Ion Ratio Lower Upper

202 100

200 62.1 17.8 26.8#

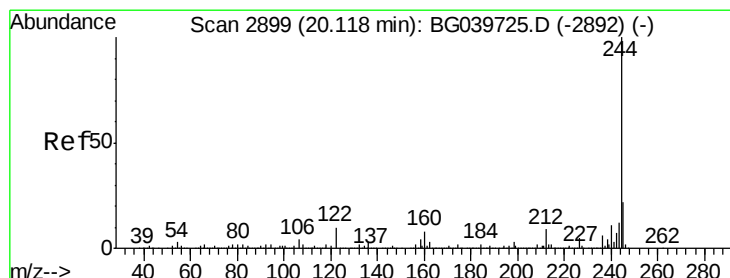
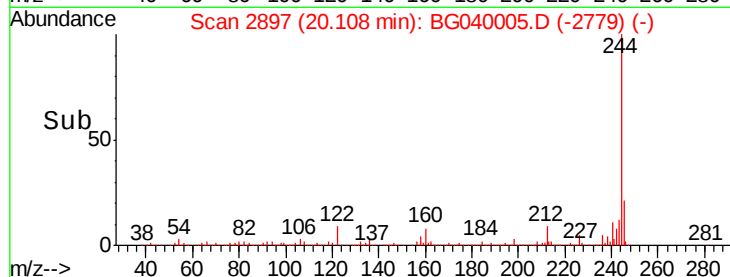
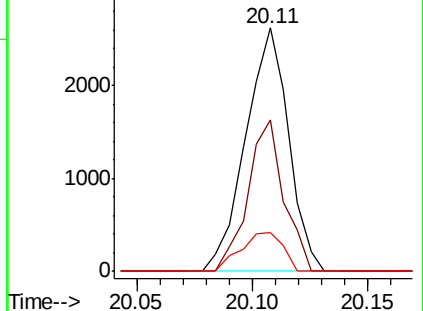
203 16.2 15.3 22.9



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: 70.357 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

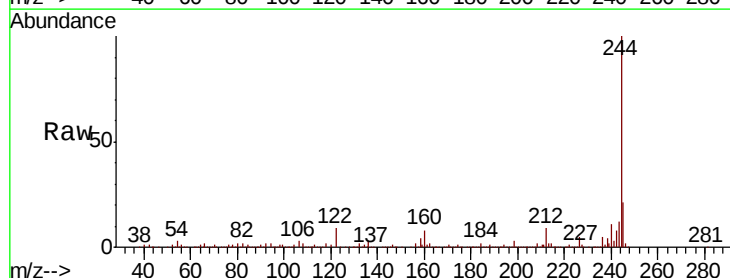
Tgt Ion:244 Resp: 911937

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

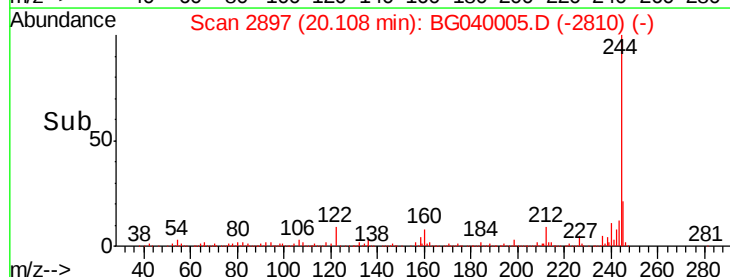
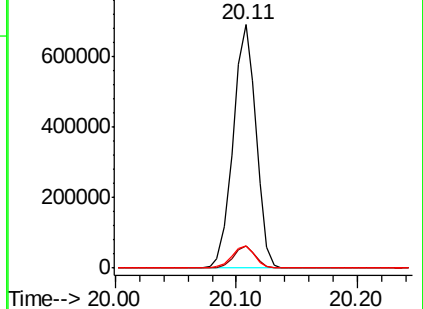
122 9.2 8.4 12.6

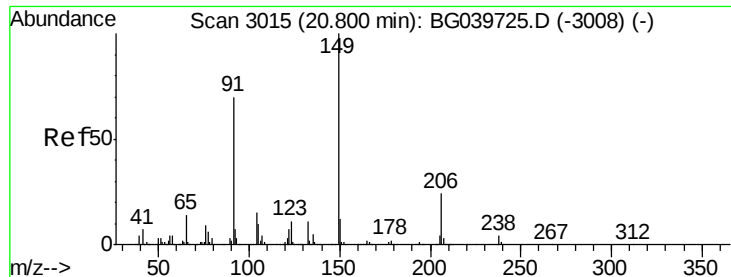


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

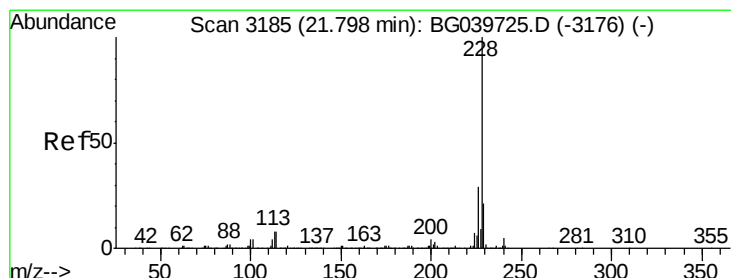
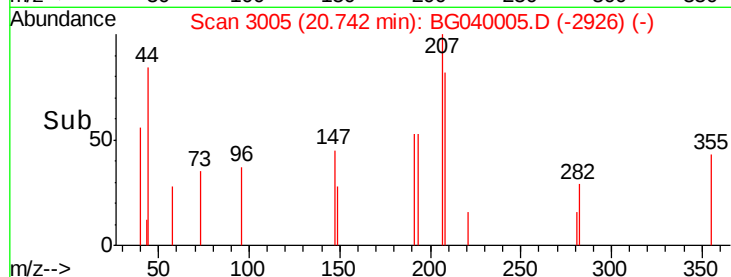
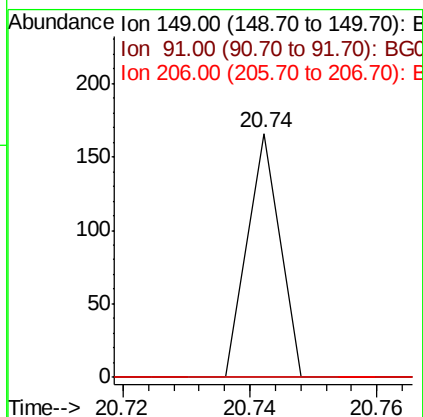
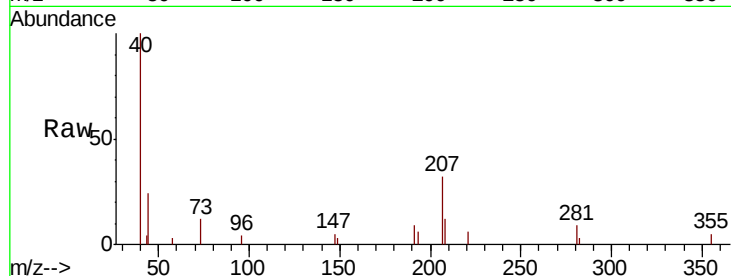




#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.74 min Scan# 3005
Delta R.T. -0.06 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

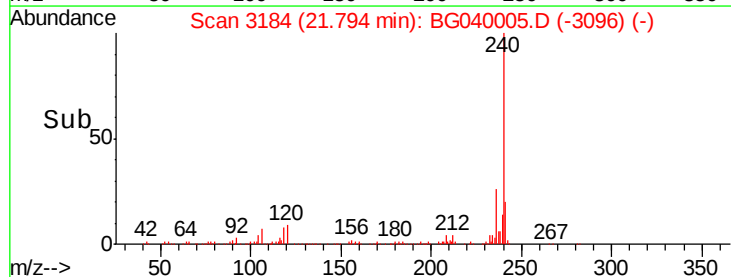
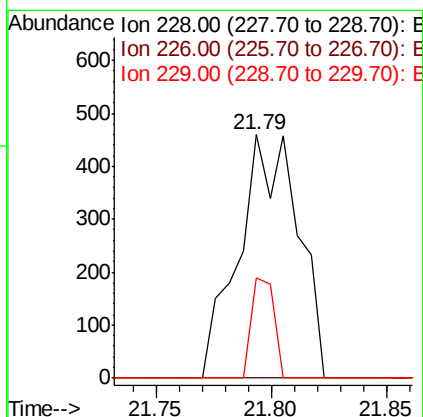
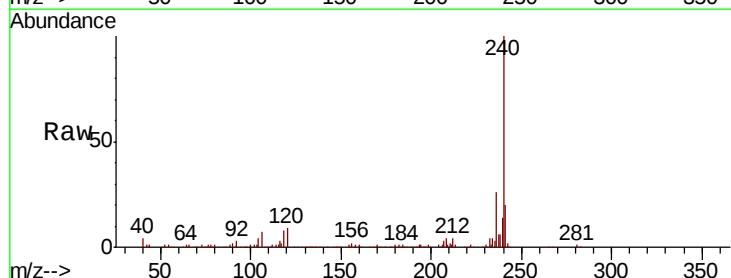
Instrument :
BNA_G
ClientSampleId :
PB118005BL

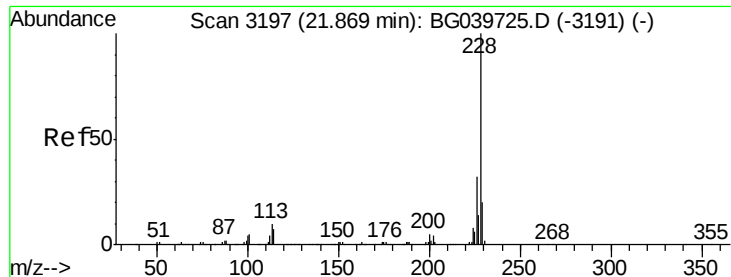
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	41.1	16.9	25.3#





#83

Chrysene

Concen: 0.047 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.08 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

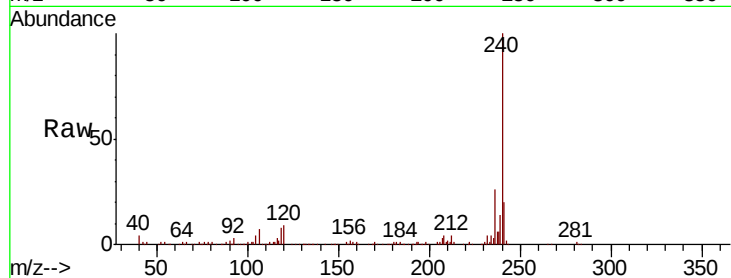
Tgt Ion:228 Resp: 821

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 41.1 16.6 25.0#

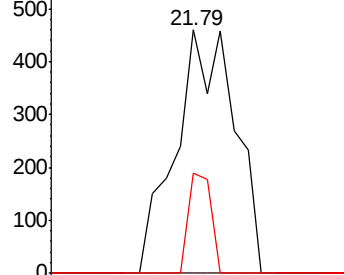


Abundance

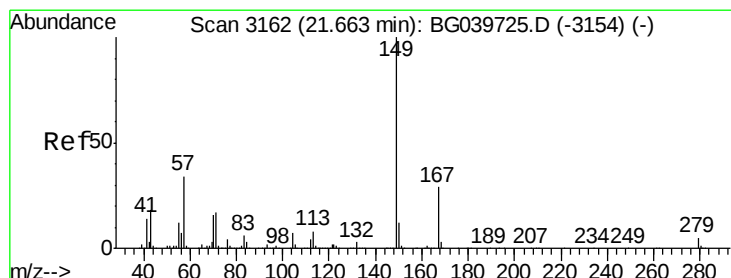
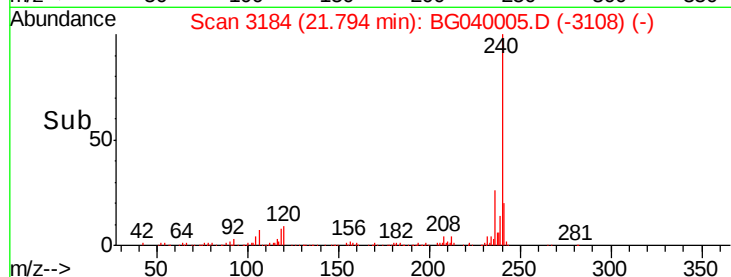
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

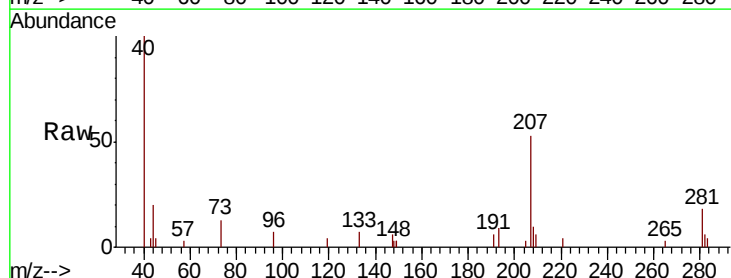
Tgt Ion:149 Resp: 401

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

279 0.0 3.5 5.3#

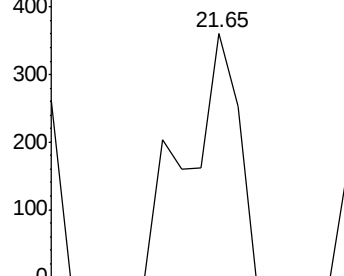


Abundance

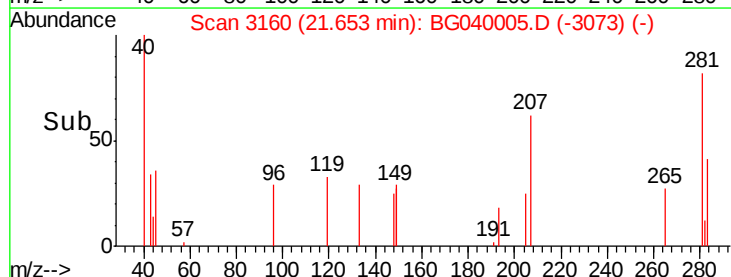
Ion 149.00 (148.70 to 149.70): E

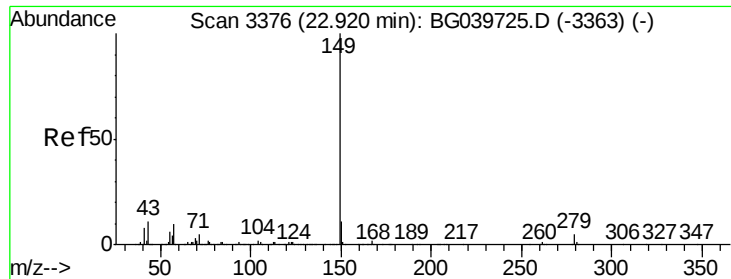
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

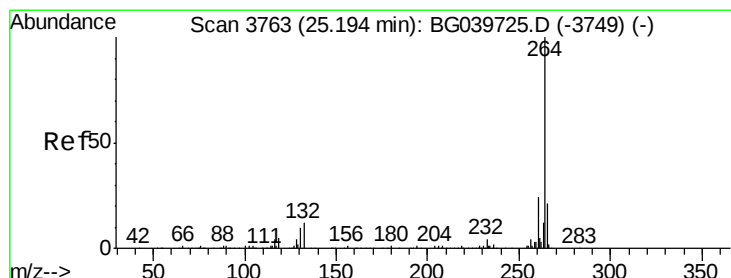
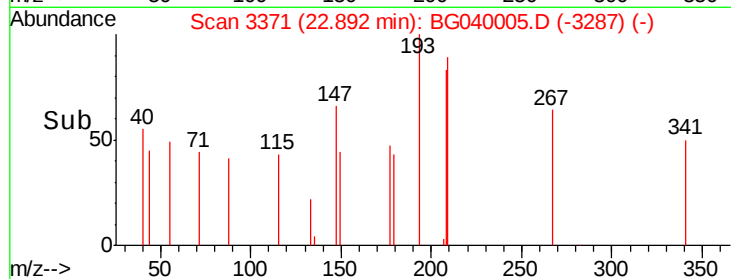
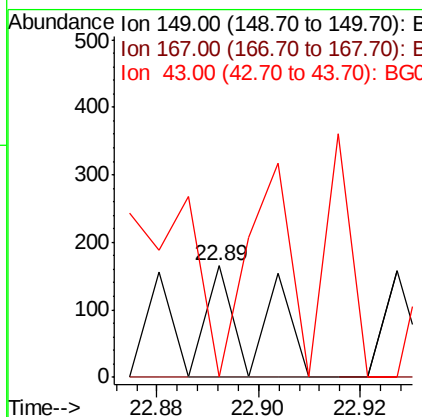
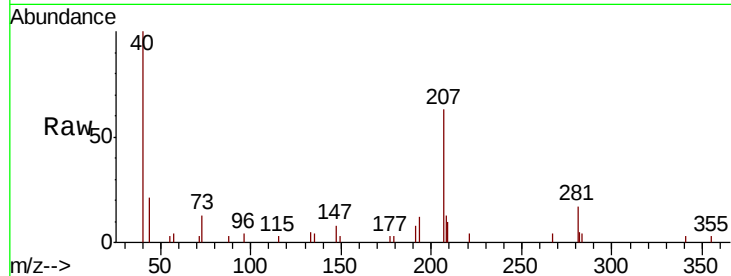




#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

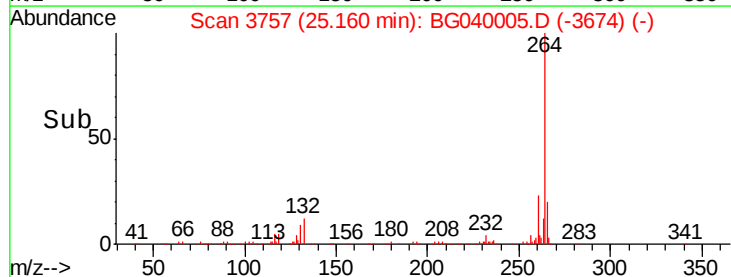
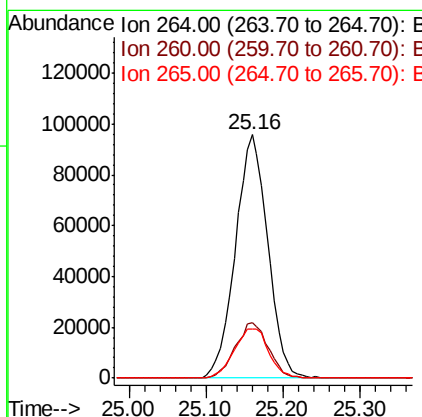
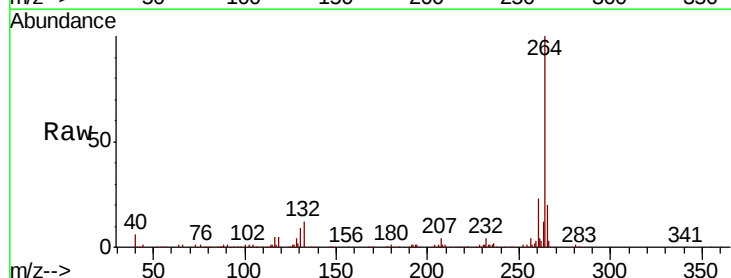
Instrument :
BNA_G
ClientSampleId :
PB118005BL

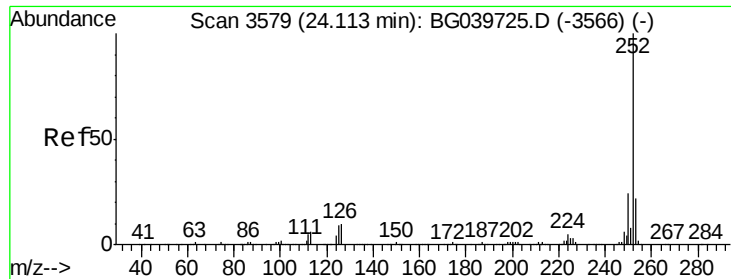
Tgt Ion:149 Resp: 112
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 460.7 10.2 15.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040005.D
Acq: 19 Mar 2019 16:40

Tgt Ion:264 Resp: 280877
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.4
265 20.2 18.5 27.7





#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.06 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL

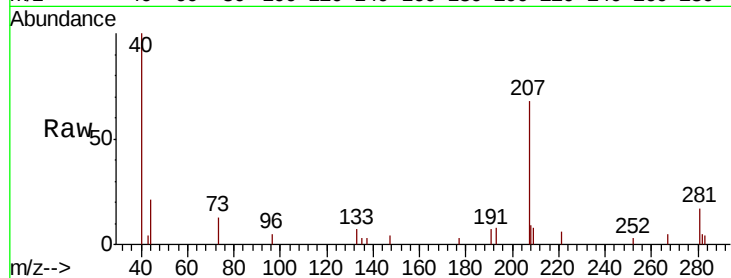
Tgt Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

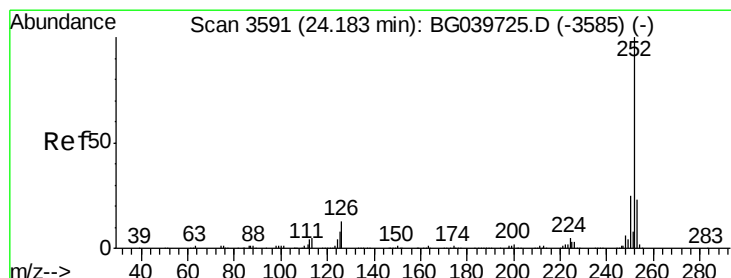
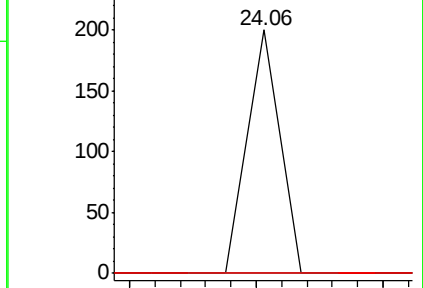
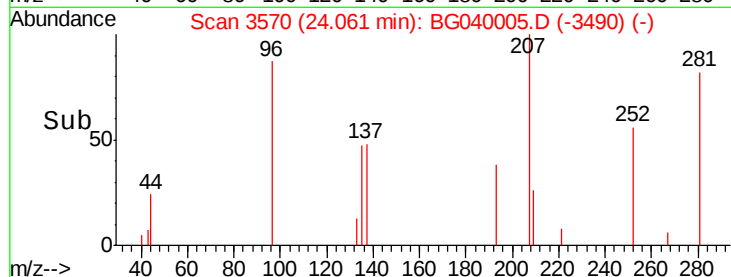
125 0.0 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.13 min

Lab File: BG040005.D

Acq: 19 Mar 2019 16:40

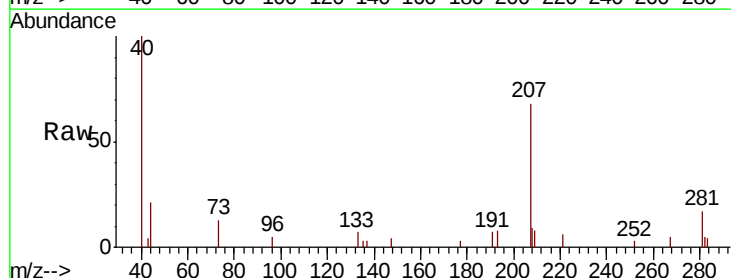
Tgt Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

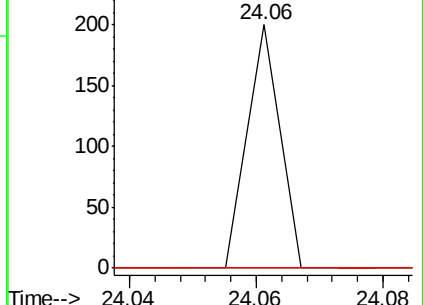
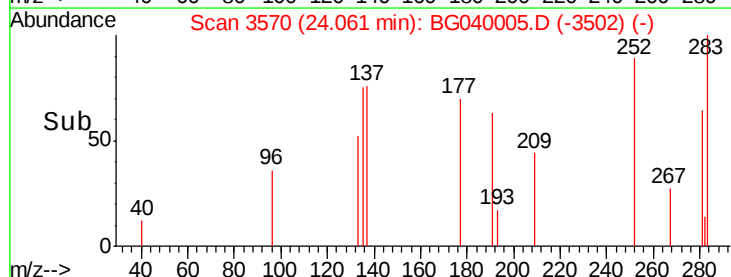
125 0.0 7.4 11.2#

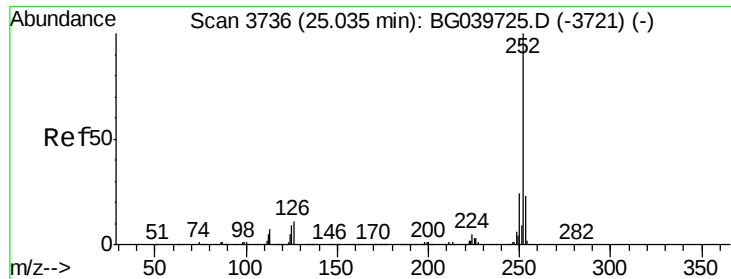


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.021 ng

RT: 25.14 min Scan# 3753

Delta R.T. 0.09 min

Lab File: BG040005.D

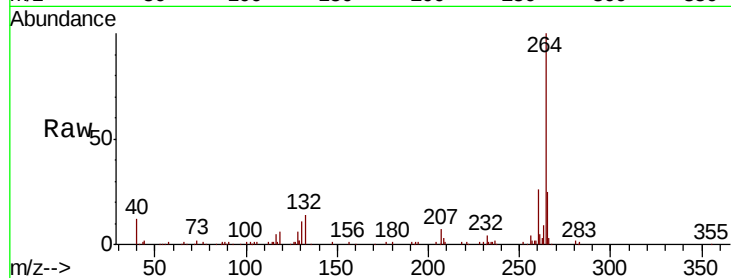
Acq: 19 Mar 2019 16:40

Instrument :

BNA_G

ClientSampleId :

PB118005BL



Tgt Ion:	252	Resp:	327
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#

