

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040123.D
 Acq On : 25 Mar 2019 18:53
 Operator : JU/SJ
 Sample : K2040-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Quant Time: Mar 26 02:54:35 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	36351	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	153185	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	107298	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	281159	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	292590	20.00	ng	-0.03
87) Perylene-d12	25.15	264	288779	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	265364	124.54	ng	-0.02
7) Phenol-d6	7.29	99	356889	112.33	ng	-0.02
23) Nitrobenzene-d5	9.32	82	249581	88.12	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	183449	146.68	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	625452	83.00	ng	-0.03
79) Terphenyl-d14	20.10	244	1181664	88.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	3600	3.660	ng	# 1
4) n-Nitrosodimethylamine	4.00	42	1060	0.848	ng	# 1
6) Aniline	7.67	93	625	0.150	ng	# 1
9) Benzaldehyde	7.29	77	526	0.257	ng	# 4
10) Phenol	7.67	94	814	0.237	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	625	0.233	ng	# 1
15) Benzyl Alcohol	8.46	79	3936	1.562	ng	# 64
16) 2,2'-oxybis(1-Chloropropan	8.65	45	55	0.010	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	32835	14.359	ng	# 68
22) Acetophenone	8.98	105	228	0.055	ng	# 59
24) Nitrobenzene	9.32	77	808	0.272	ng	# 41
31) Naphthalene	11.01	128	1691	0.208	ng	# 95
33) 4-Chloroaniline	11.01	127	214	0.062	ng	# 43
37) 2-Methylnaphthalene	12.61	142	663	0.109	ng	# 92
38) 1-Methylnaphthalene	12.82	142	451	0.077	ng	# 84
46) 1,1'-Biphenyl	13.60	154	1242	0.141	ng	# 80
48) 2-Nitroaniline	13.39	65	1068	0.501	ng	# 1
49) Acenaphthylene	14.50	152	60	0.006	ng	# 59
51) 2,6-Dinitrotoluene	14.76	165	14053	7.388	ng	# 22
52) Acenaphthene	14.83	154	1437	0.219	ng	# 93
55) Dibenzofuran	15.16	168	1332	0.124	ng	# 82
56) 4-Nitrophenol	15.17	139	462	0.270	ng	# 1
57) 2,4-Dinitrotoluene	14.76	165	14053	5.258	ng	# 17
58) Fluorene	15.81	166	1552	0.183	ng	# 95
60) Diethylphthalate	15.56	149	71	0.008	ng	# 58
62) 4-Nitroaniline	16.25	138	69	0.033	ng	# 1
63) Azobenzene	16.25	77	1037	0.129	ng	# 37
65) 4,6-Dinitro-2-methylphenol	16.25	198	666	0.401	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	7149	0.878	ng	# 49
67) 4-Bromophenyl-phenylether	16.25	248	13724	4.361	ng	# 1
71) Phenanthrene	17.55	178	5384	0.348	ng	# 98
72) Anthracene	17.55	178	5384	0.357	ng	# 97
74) Di-n-butylphthalate	18.44	149	866	0.054	ng	# 77
75) Fluoranthene	19.56	202	1432	0.078	ng	# 87

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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

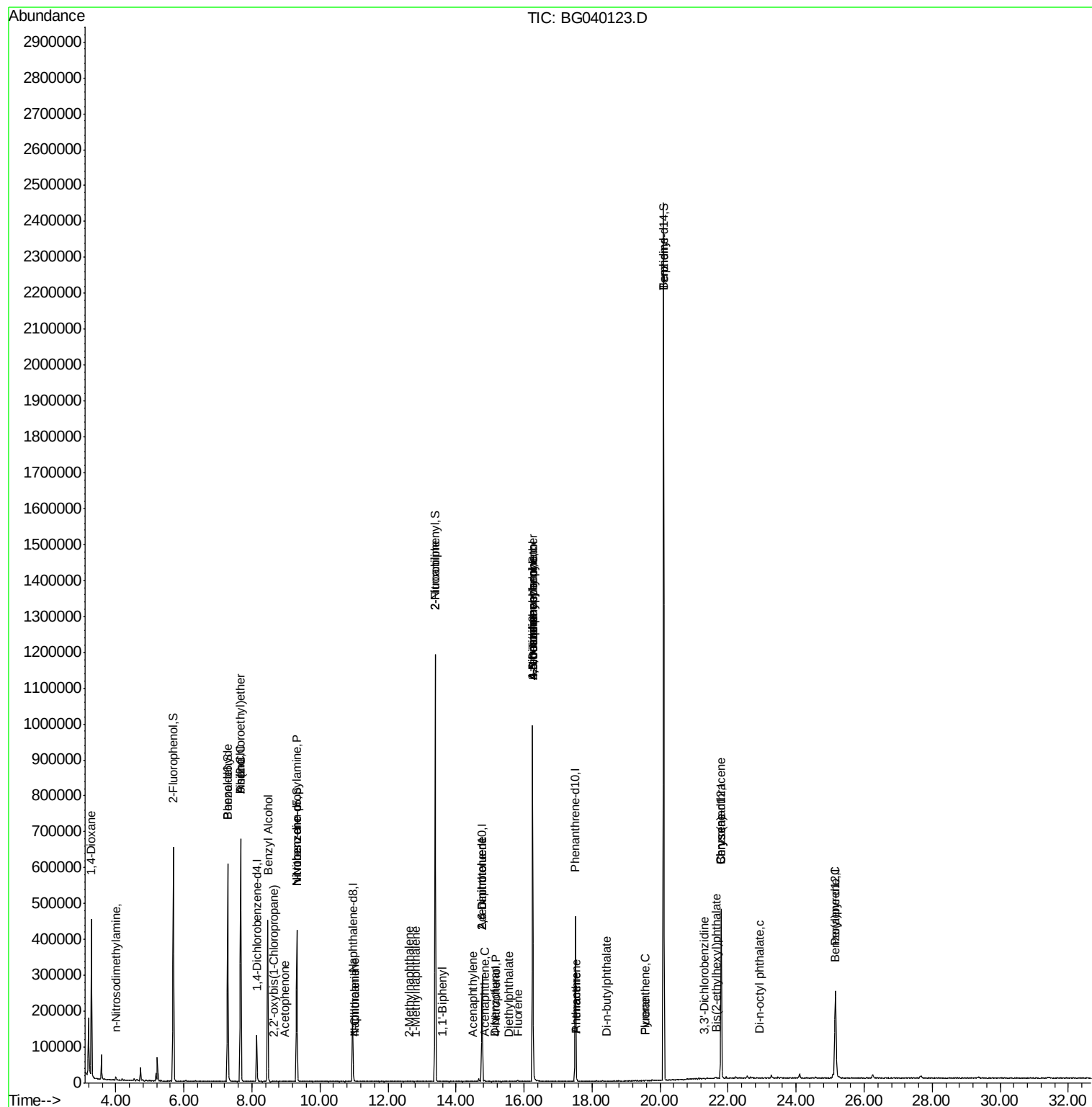
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	20.10	184	20191	2.175	ng	# 93
78) Pyrene	19.56	202	1432	0.075	ng	94
81) Benzo(a)anthracene	21.79	228	805	0.044	ng	# 62
82) 3,3'-Dichlorobenzidine	21.30	252	67	0.010	ng	# 26
83) Chrysene	21.79	228	805	0.045	ng	# 58
84) Bis(2-ethylhexyl)phthalate	21.64	149	1644	0.159	ng	# 95
85) Di-n-octyl phthalate	22.92	149	65	0.004	ng	# 71
90) Benzo(a)pyrene	25.14	252	414	0.026	ng	# 59

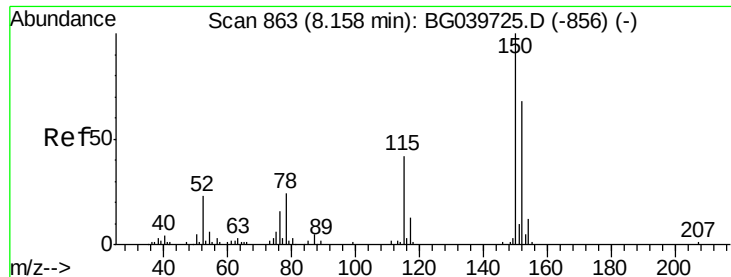
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

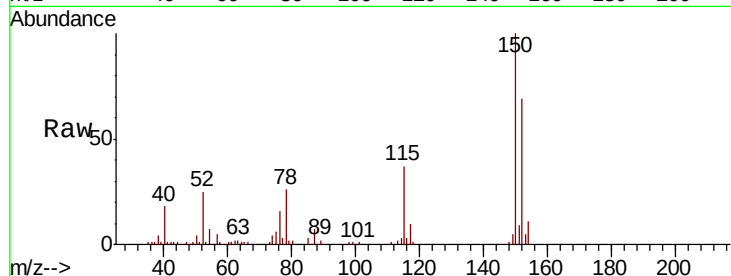
Tgt Ion:152 Resp: 36351

Ion Ratio Lower Upper

152 100

150 145.4 123.7 185.5

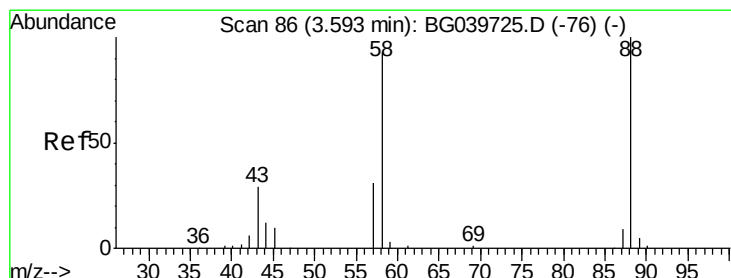
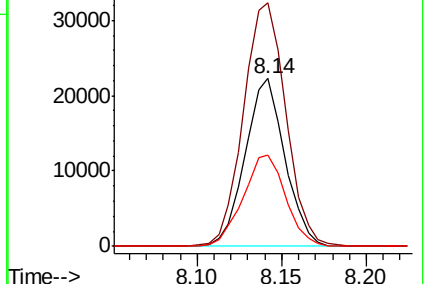
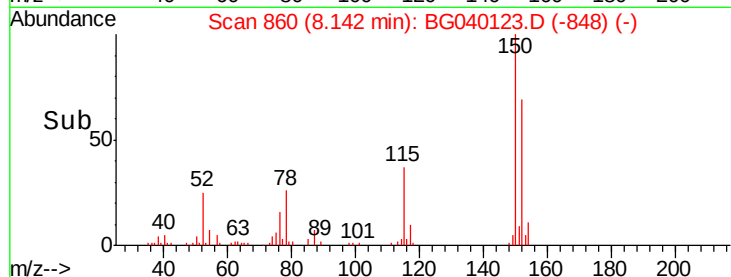
115 54.2 45.9 68.9



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: 3.660 ng

RT: 3.28 min Scan# 32

Delta R.T. -0.33 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

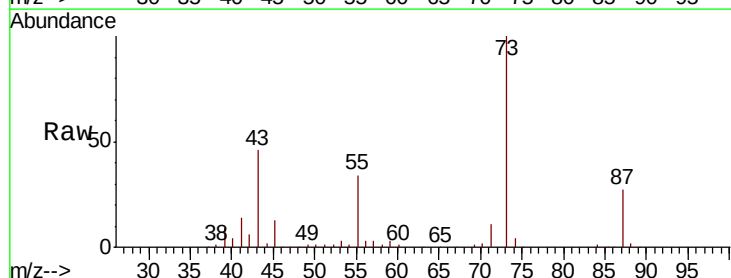
Tgt Ion: 88 Resp: 3600

Ion Ratio Lower Upper

88 100

58 53.2 81.1 121.7#

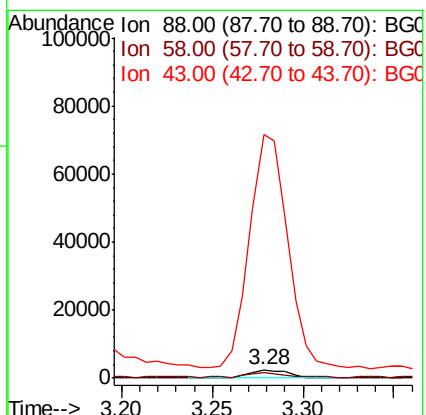
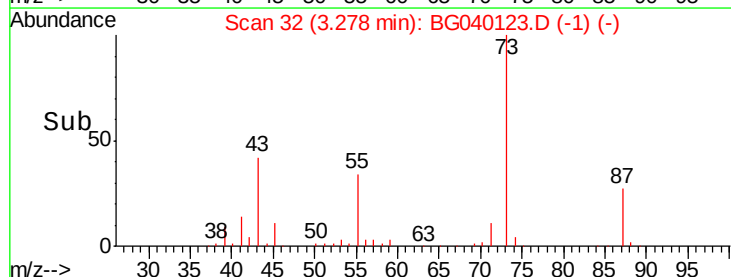
43 2814.9 31.4 47.0#

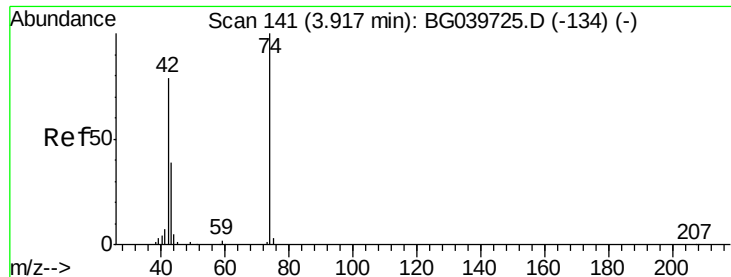


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.848 ng

RT: 4.00 min Scan# 155

Delta R.T. 0.07 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

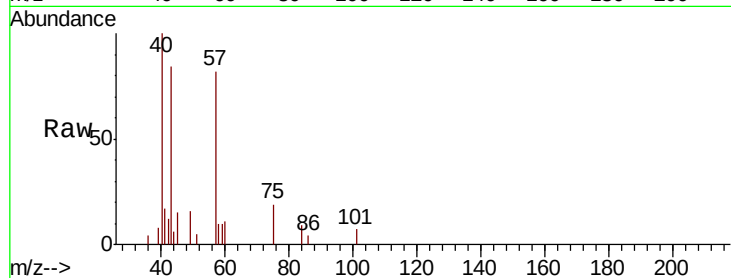
Tgt Ion: 42 Resp: 1060

Ion Ratio Lower Upper

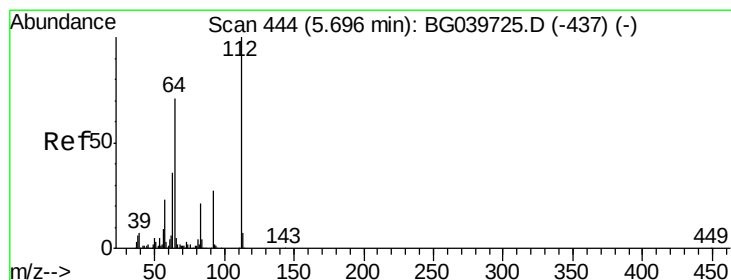
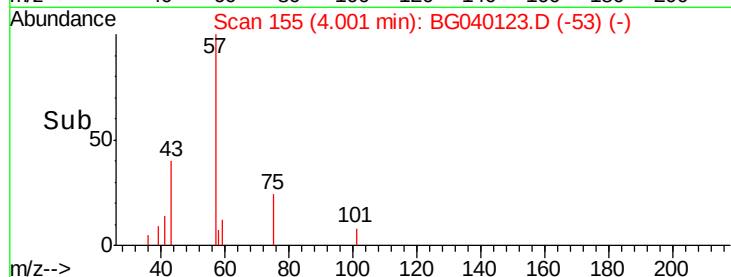
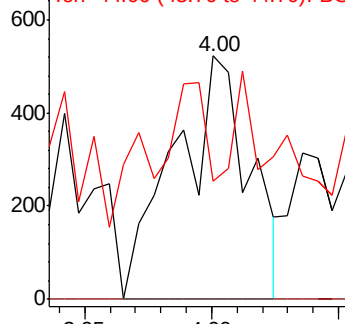
42 100

74 0.0 83.6 125.4#

44 48.4 6.9 10.3#



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



#5

2-Fluorophenol

Concen: 124.539 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

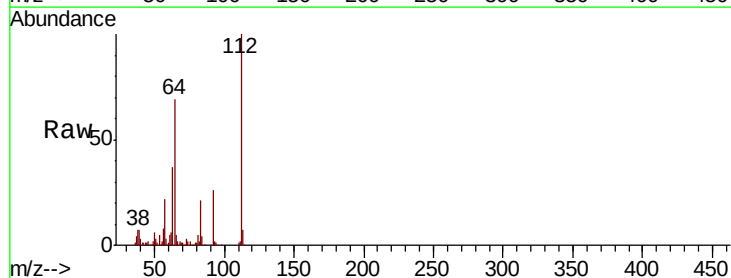
Tgt Ion: 112 Resp: 265364

Ion Ratio Lower Upper

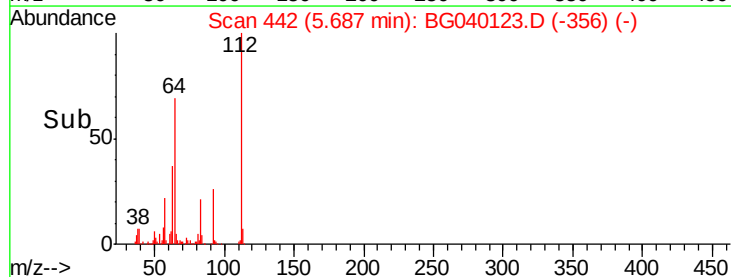
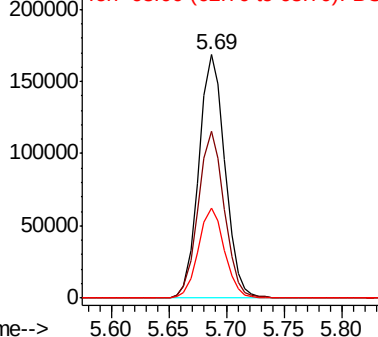
112 100

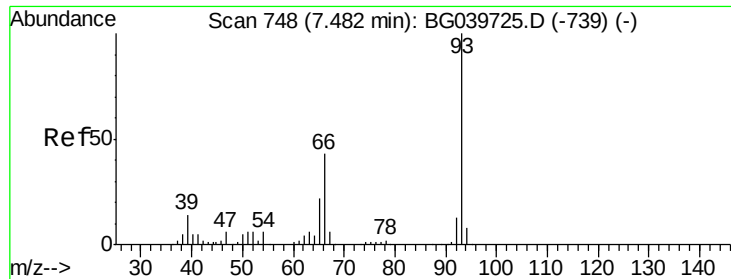
64 68.7 57.8 86.8

63 36.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.150 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.18 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

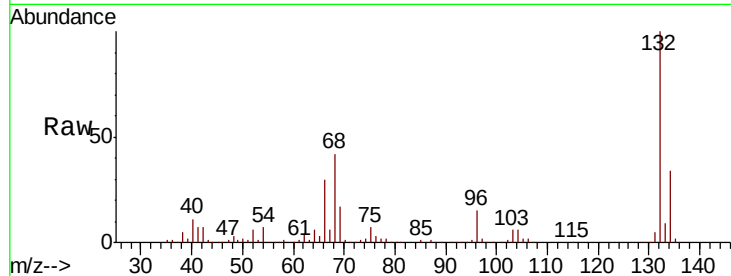
Tgt Ion: 93 Resp: 625

Ion Ratio Lower Upper

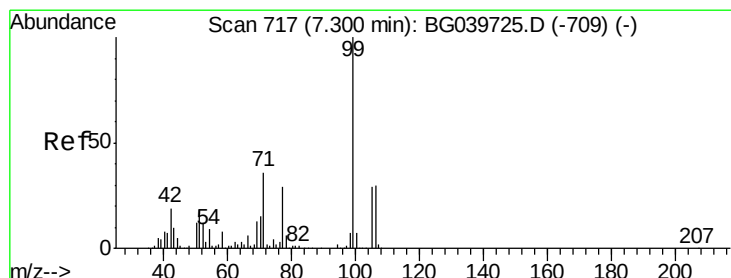
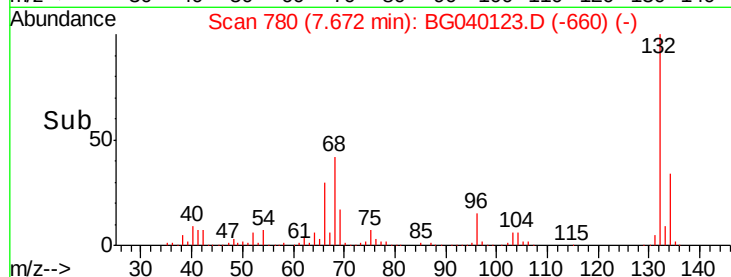
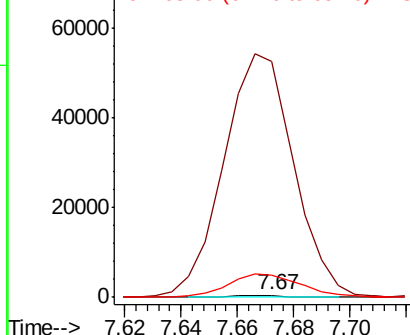
93 100

66 10658.6 34.2 51.4#

65 1019.6 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: 112.332 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

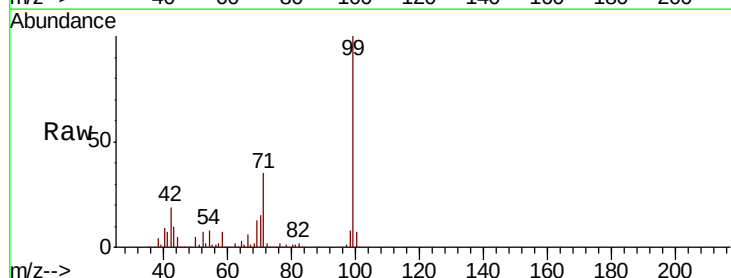
Tgt Ion: 99 Resp: 356889

Ion Ratio Lower Upper

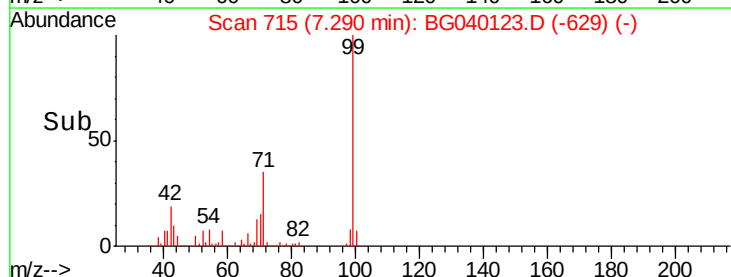
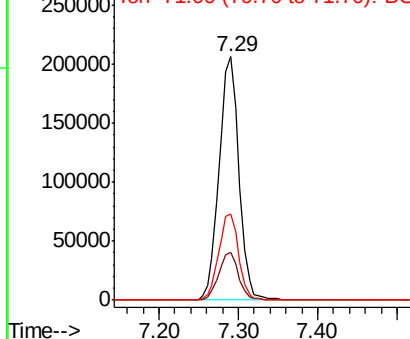
99 100

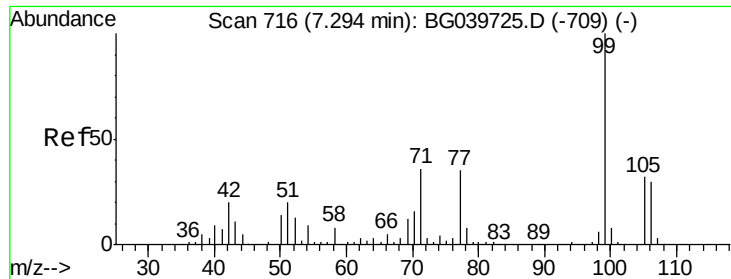
42 19.4 18.2 27.2

71 35.3 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: 0.257 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampled :

S4B(2-10)

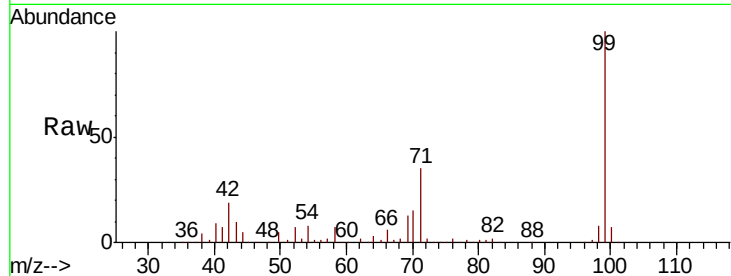
Tgt Ion: 77 Resp: 526

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

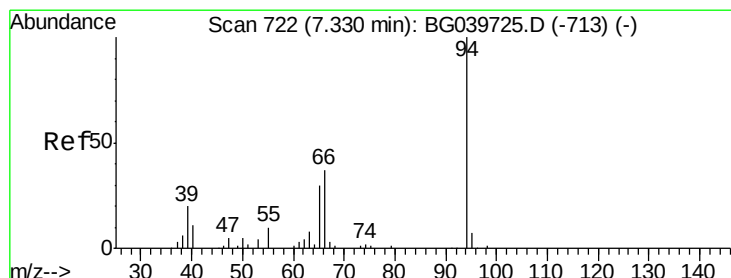
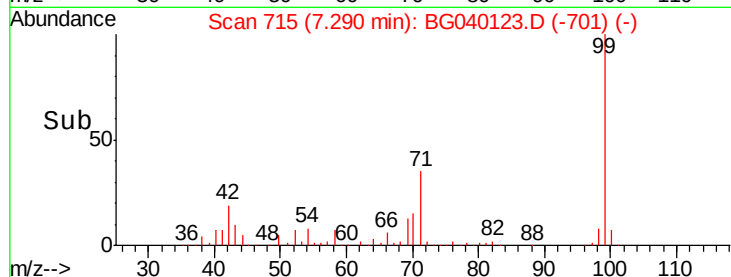
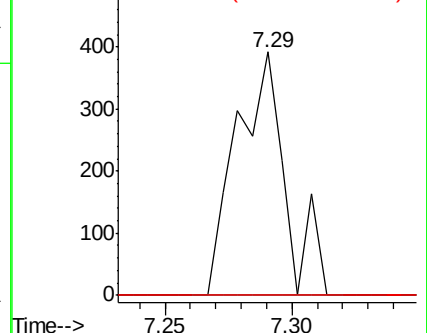
106 0.0 68.0 108.0#



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: 0.237 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.34 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

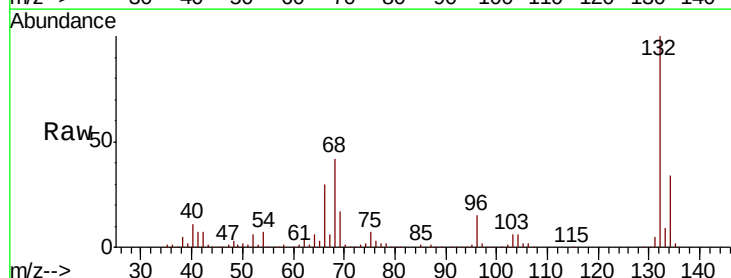
Tgt Ion: 94 Resp: 814

Ion Ratio Lower Upper

94 100

65 1038.5 11.7 51.7#

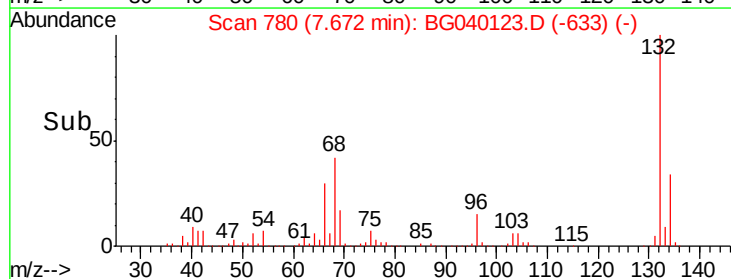
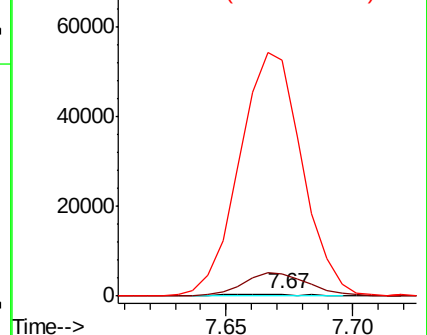
66 10856.0 23.7 63.7#

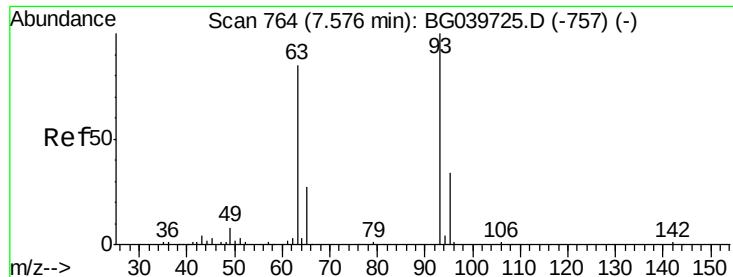


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

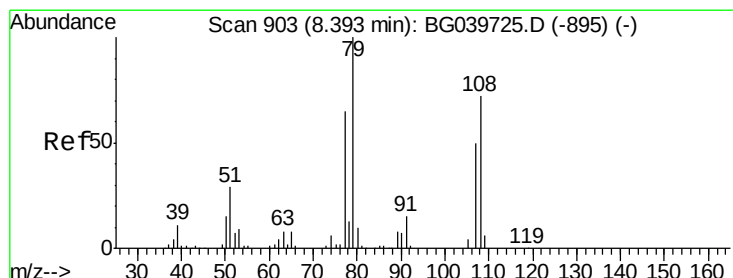
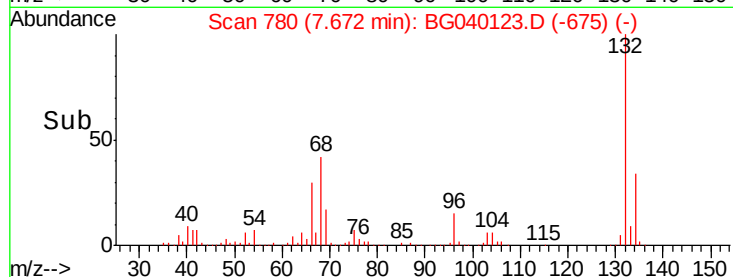
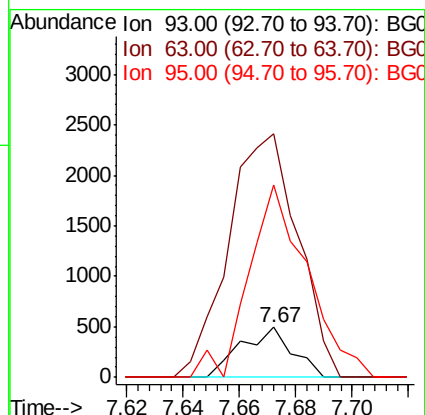
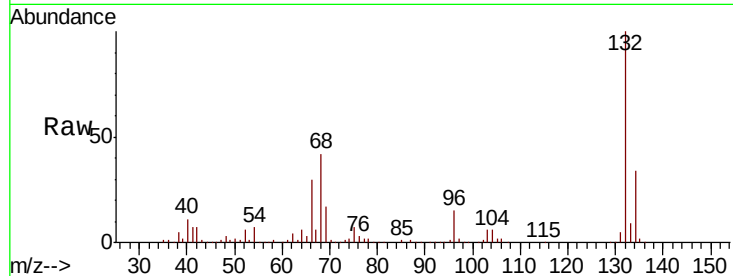




#11
bis(2-Chloroethyl)ether
Concen: 0.233 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

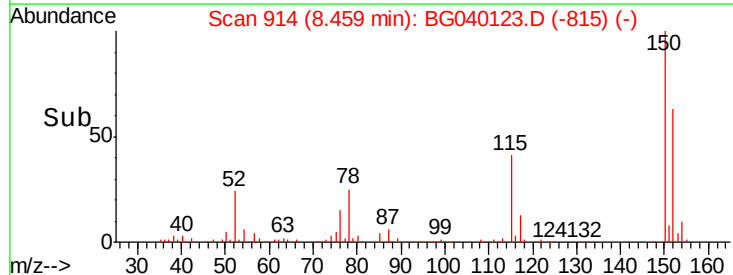
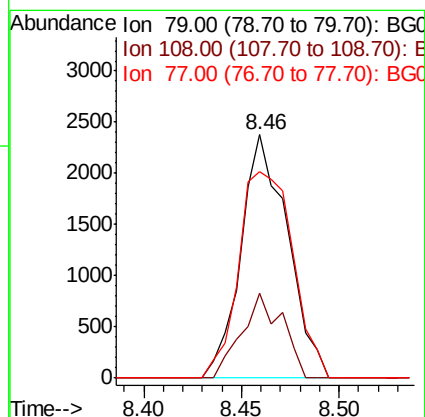
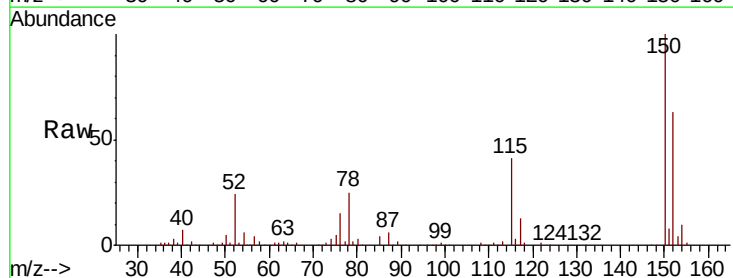
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S4B(2-10)

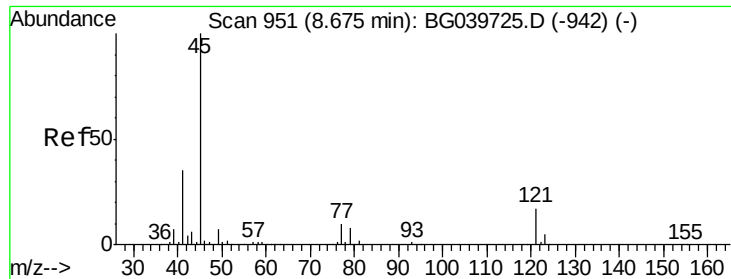
Tgt Ion: 93 Resp: 625
Ion Ratio Lower Upper
93 100
63 487.1 69.5 109.5#
95 384.8 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.562 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion: 79 Resp: 3936
Ion Ratio Lower Upper
79 100
108 35.1 57.8 86.6#
77 85.0 51.1 76.7#

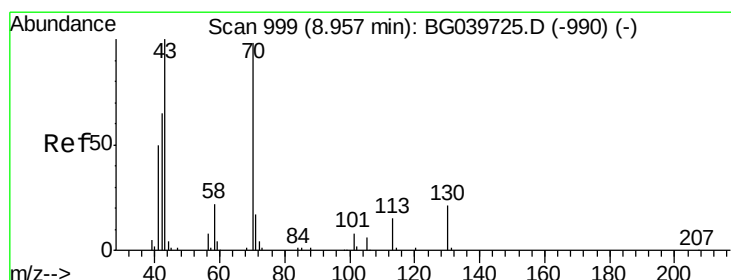
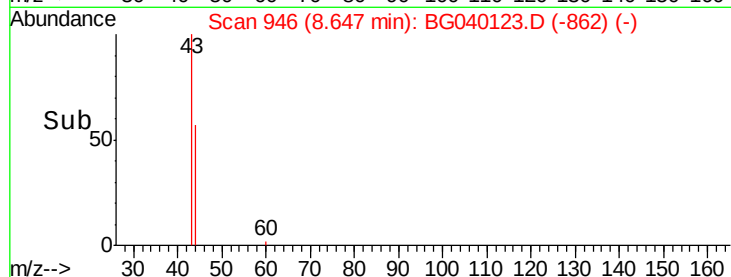
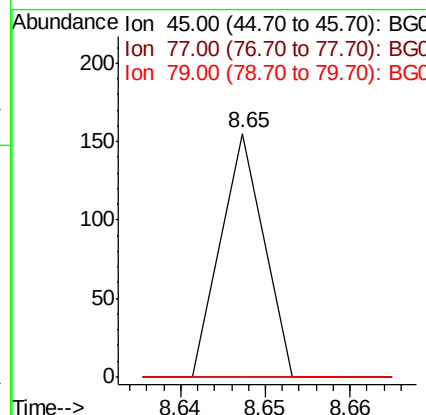
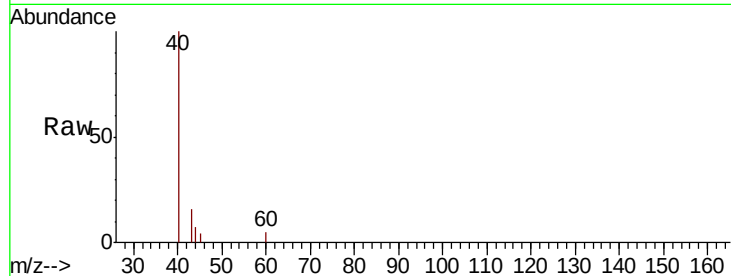




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.03 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

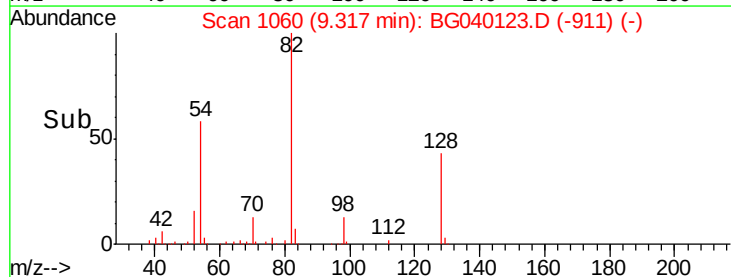
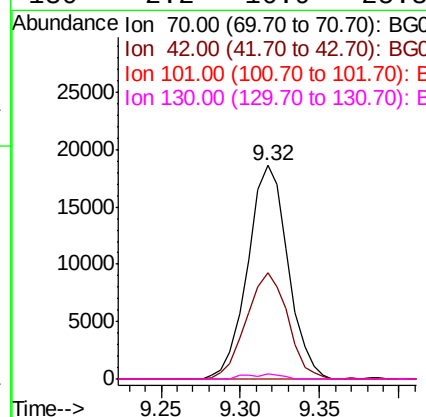
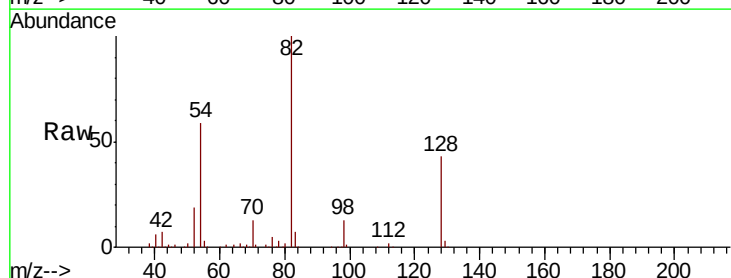
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

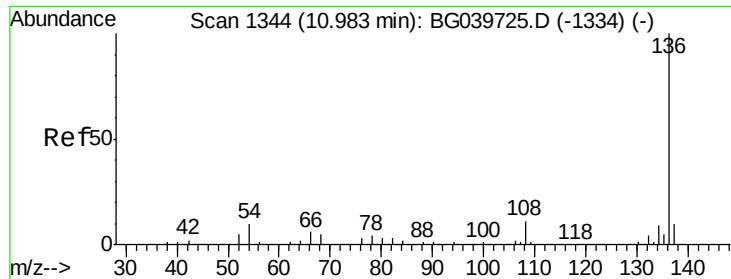
Tgt Ion:	45	Resp:	55
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	27.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.359 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion:	70	Resp:	32835
Ion	Ratio	Lower	Upper
70	100		
42	49.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#

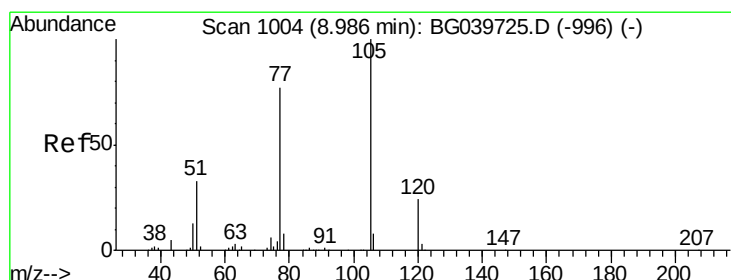
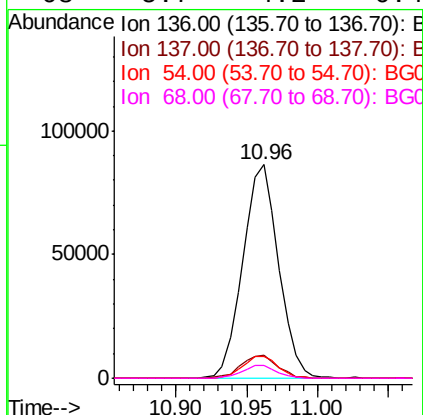
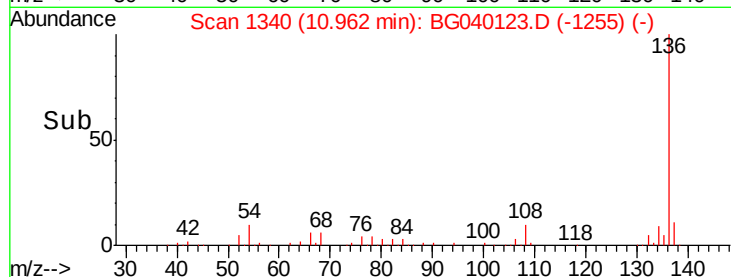
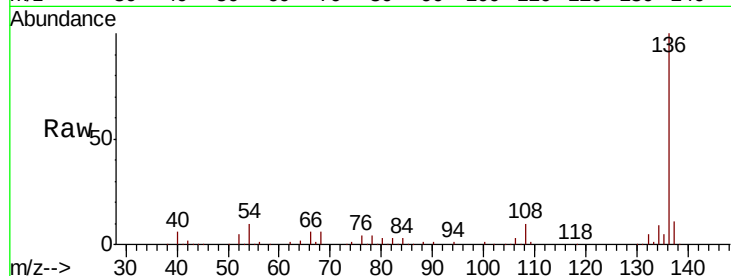




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

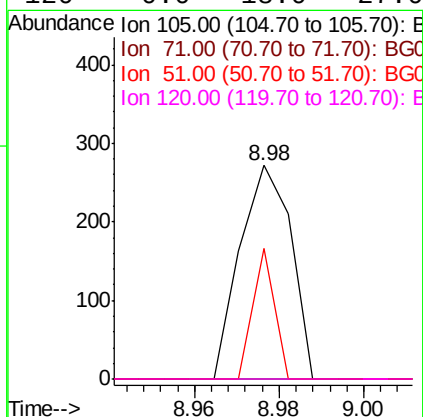
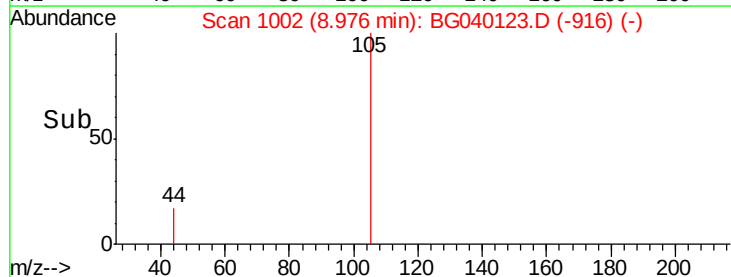
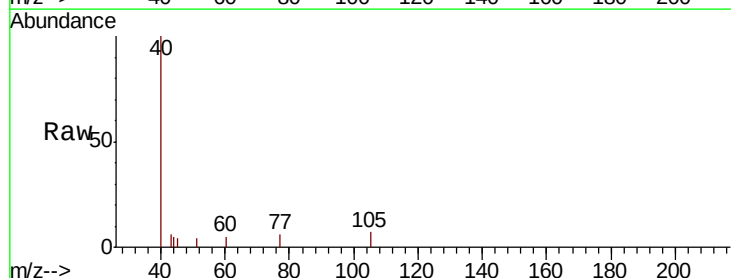
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

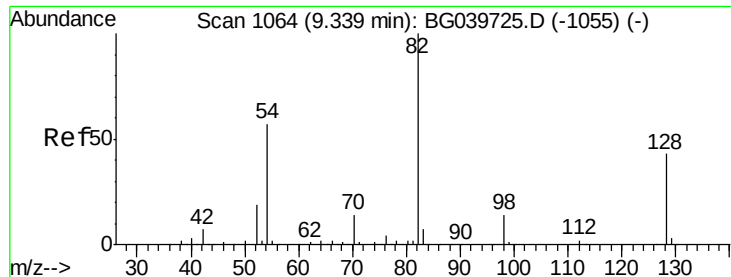
Tgt Ion:	136	Resp:	153185
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.0	9.4	14.2
68	5.7	4.2	6.4



#22
Acetophenone
Concen: 0.055 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion:	105	Resp:	228
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	61.0	30.2	45.2#
120	0.0	18.0	27.0#

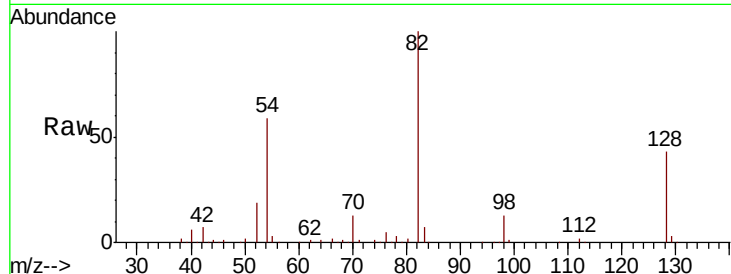




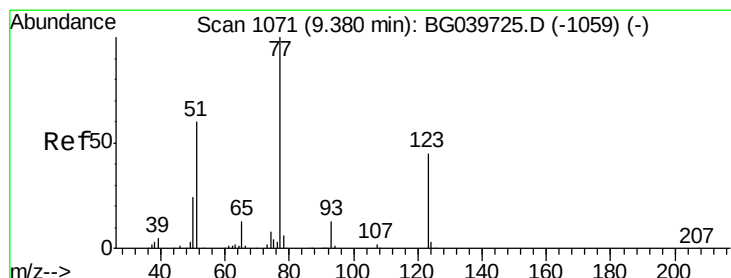
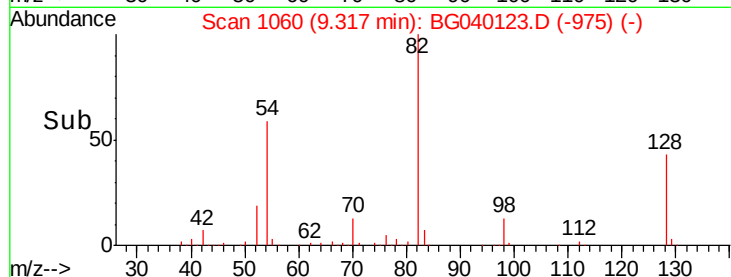
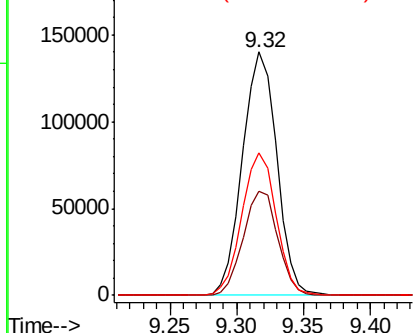
#23
 Nitrobenzene-d5
 Concen: 88.118 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion: 82 Resp: 249581
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 58.6 50.9 76.3

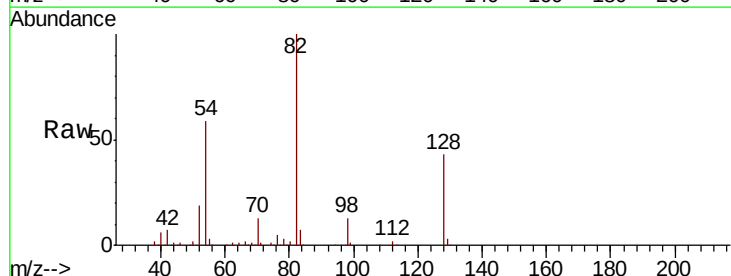


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

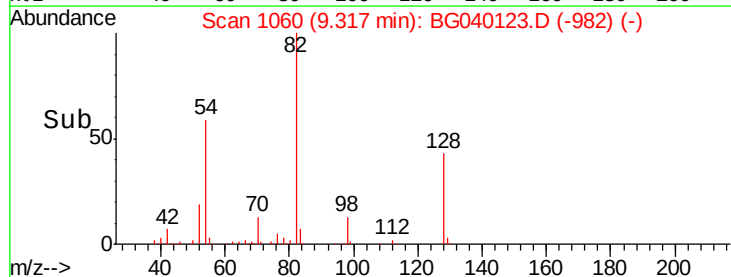
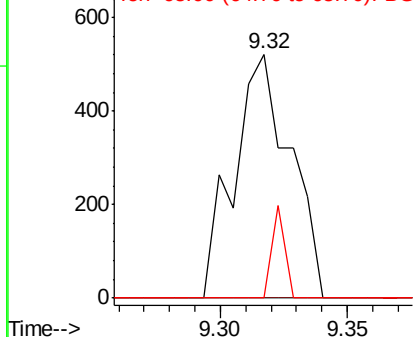


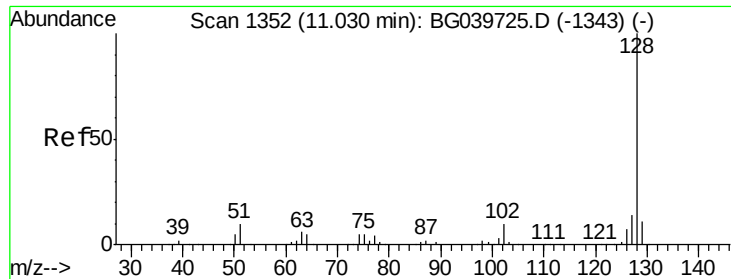
#24
 Nitrobenzene
 Concen: 0.272 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion: 77 Resp: 808
 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

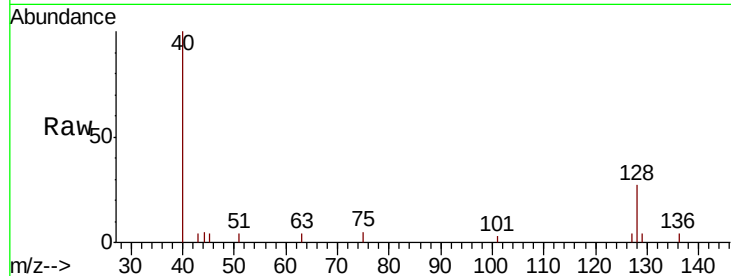




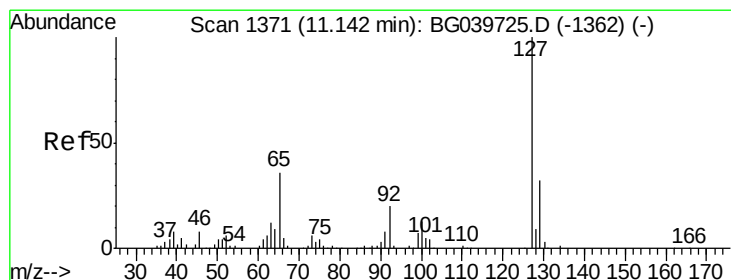
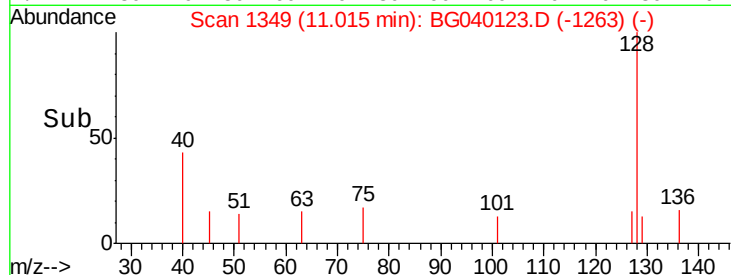
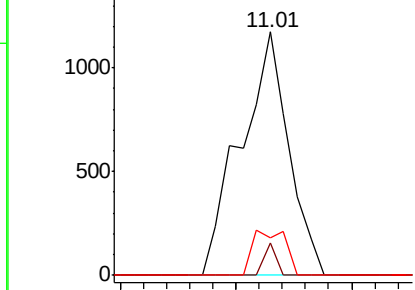
#31
Naphthalene
Concen: 0.208 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

Tgt Ion:128 Resp: 1691
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1#
127 15.3 10.8 16.2

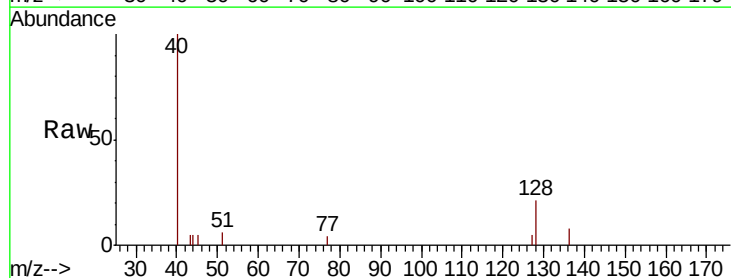


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

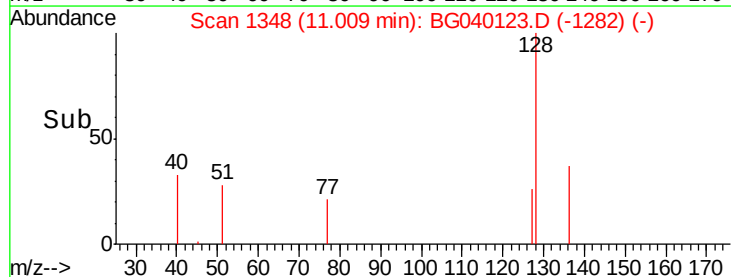
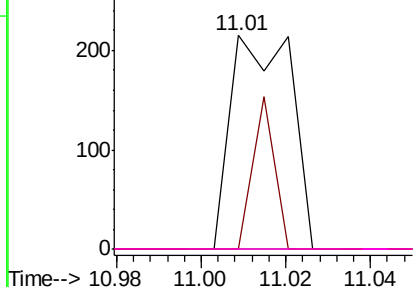


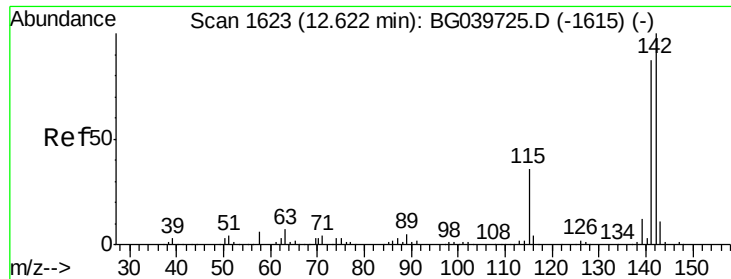
#33
4-Chloroaniline
Concen: 0.062 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.14 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion:127 Resp: 214
Ion Ratio Lower Upper
127 100
129 0.0 27.0 40.4#
65 0.0 28.8 43.2#
92 0.0 16.6 25.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

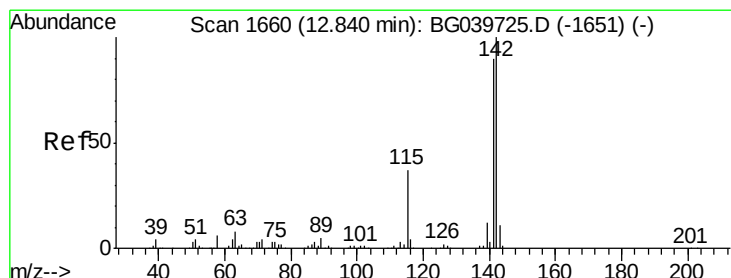
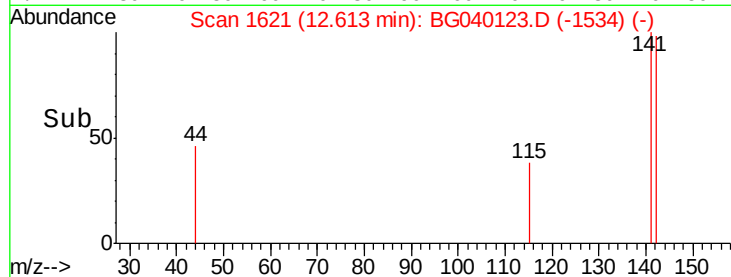
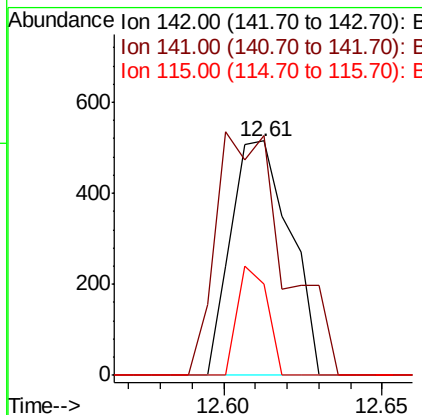
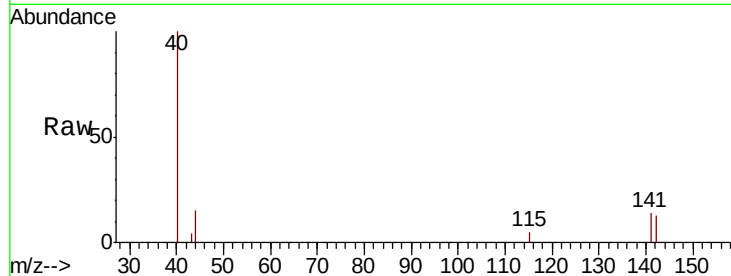




#37
 2-Methylnaphthalene
 Concen: 0.109 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

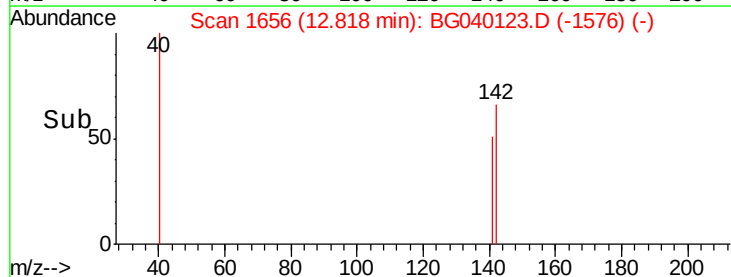
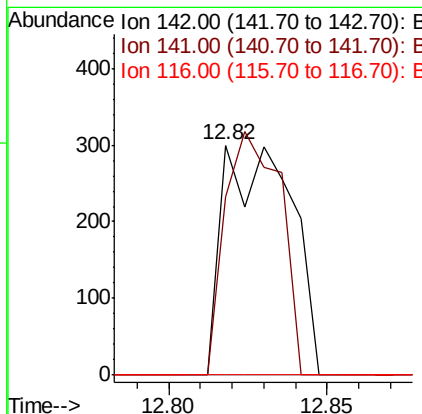
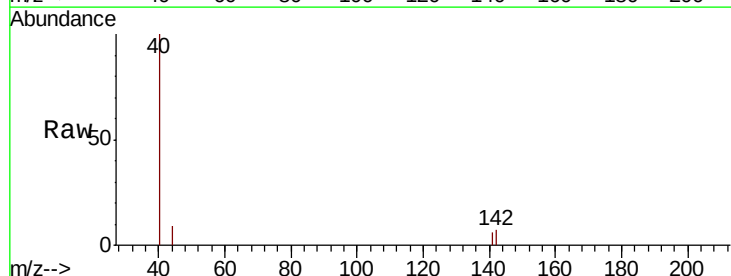
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

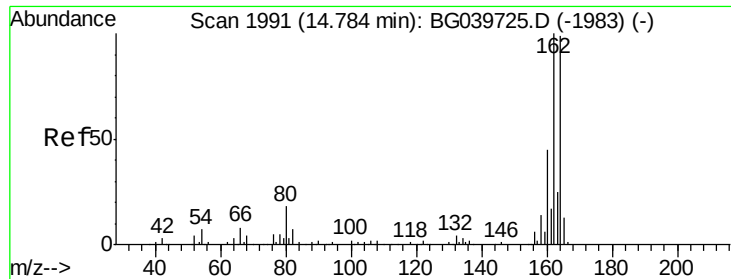
Tgt Ion:142 Resp: 663
 Ion Ratio Lower Upper
 142 100
 141 102.3 73.5 110.3
 115 39.0 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 0.077 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:142 Resp: 451
 Ion Ratio Lower Upper
 142 100
 141 77.3 74.2 111.4
 116 0.0 3.0 4.6#

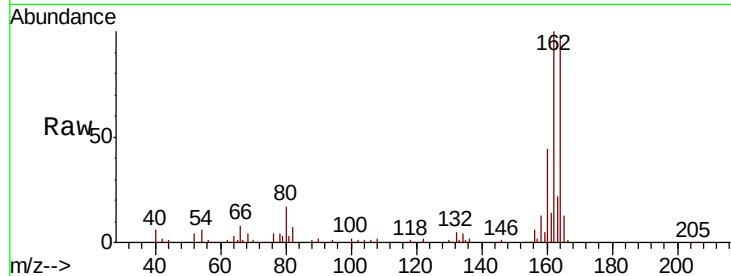




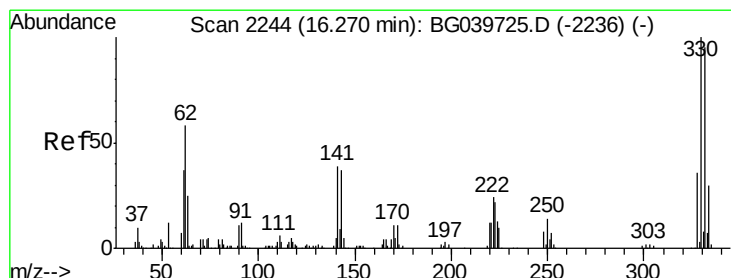
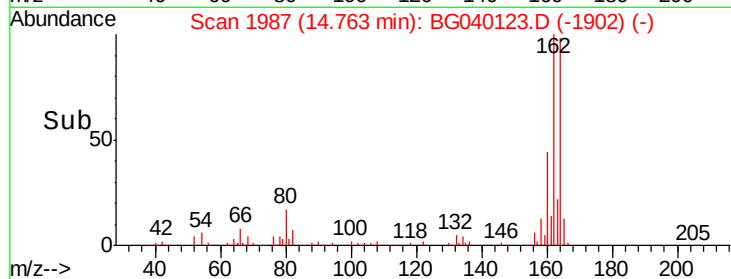
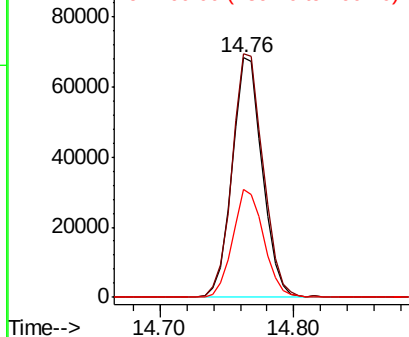
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion:164 Resp: 107298
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.6 122.4
 160 45.0 34.2 51.2

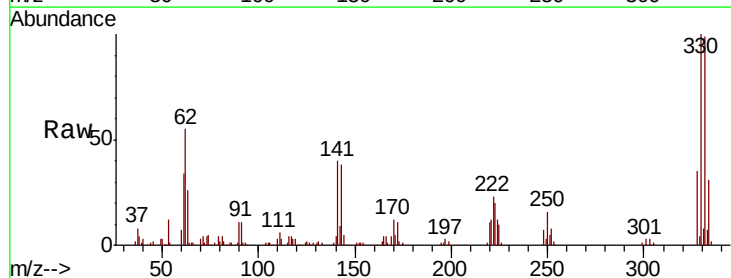


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

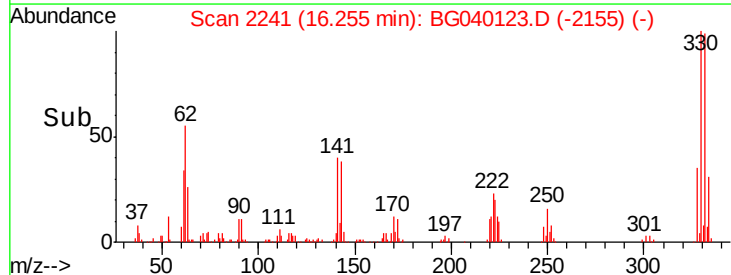
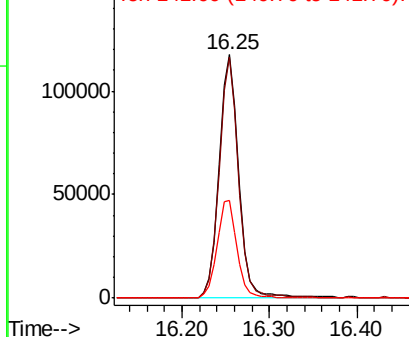


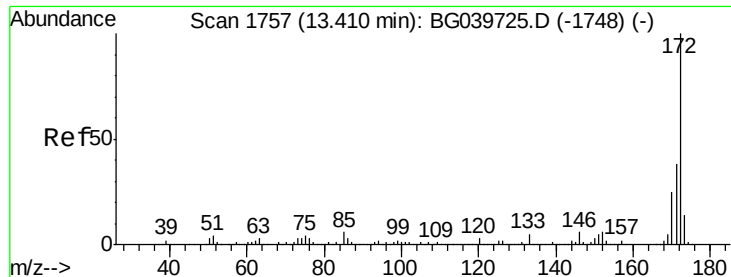
#42
 2,4,6-Tribromophenol
 Concen: 146.684 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:330 Resp: 183449
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.7 113.5
 141 40.5 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

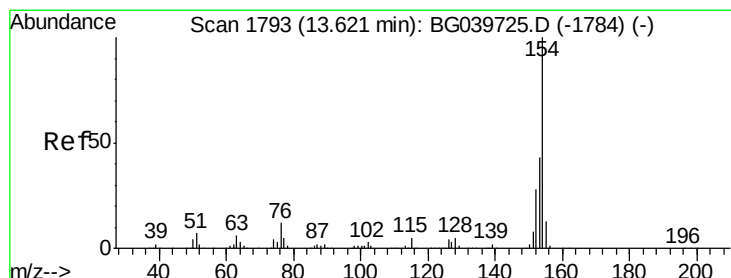
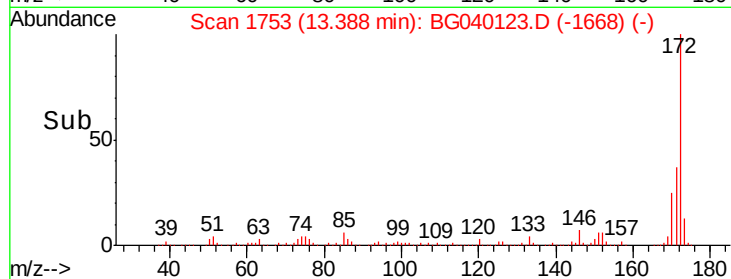
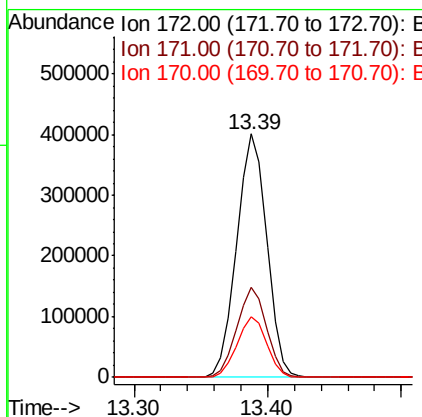
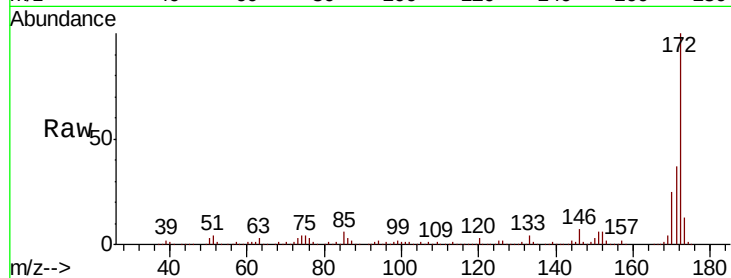




#45
 2-Fluorobiphenyl
 Concen: 82.997 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

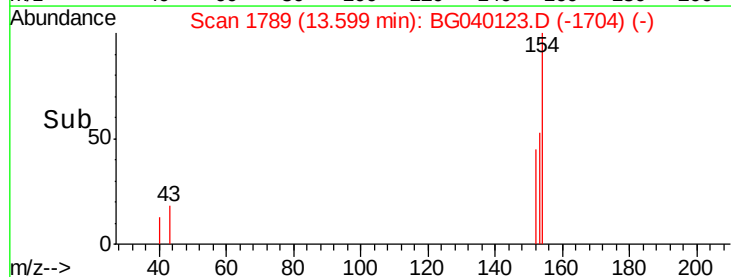
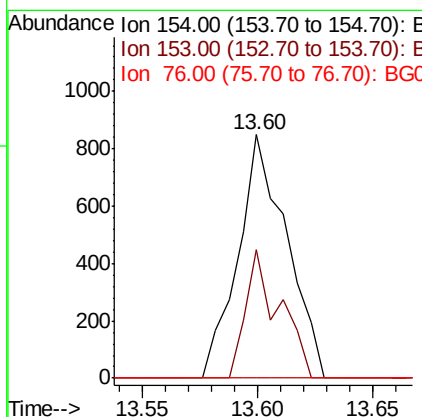
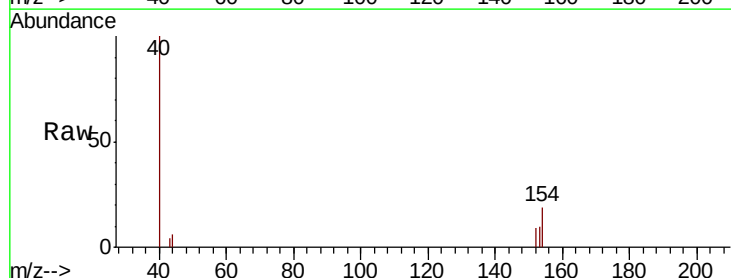
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

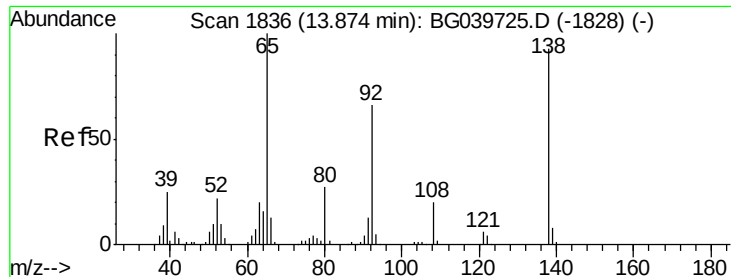
Tgt Ion:172 Resp: 625452
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.7 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 0.141 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:154 Resp: 1242
 Ion Ratio Lower Upper
 154 100
 153 52.7 22.1 62.1
 76 0.0 0.0 32.4





#48

2-Nitroaniline

Concen: 0.501 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.49 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

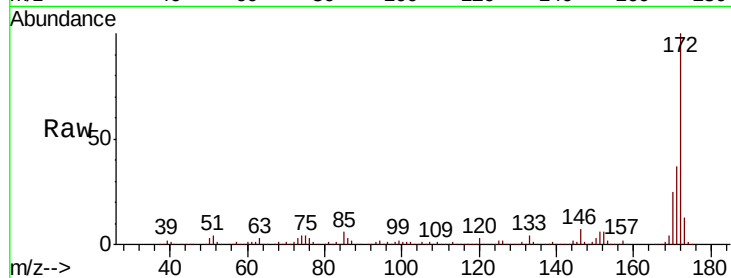
Tgt Ion: 65 Resp: 1068

Ion Ratio Lower Upper

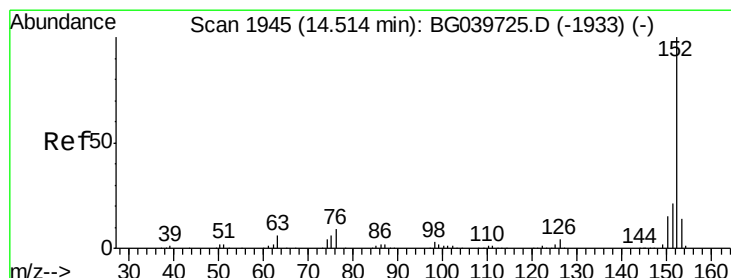
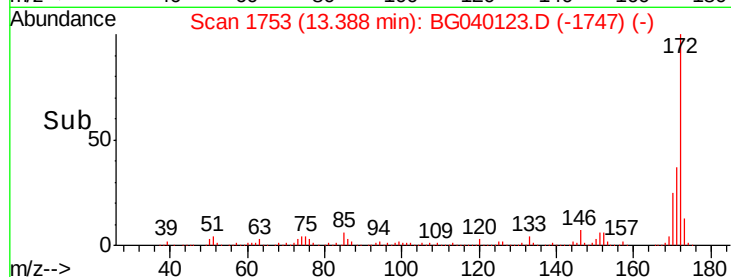
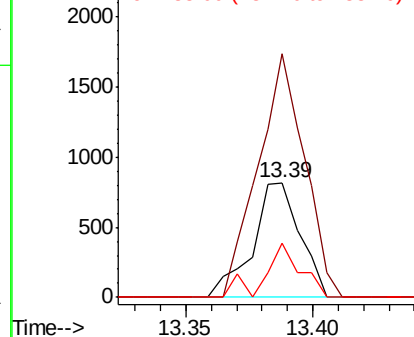
65 100

92 212.7 51.4 77.2#

138 47.7 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



#49

Acenaphthylene

Concen: 0.006 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

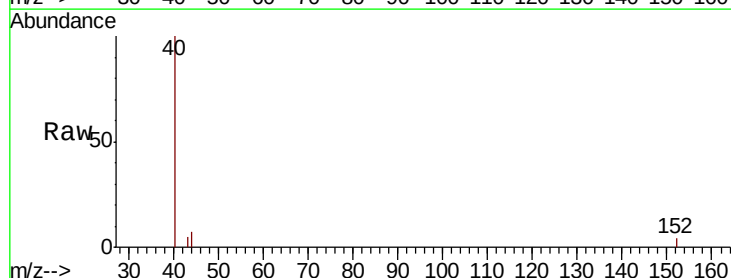
Tgt Ion: 152 Resp: 60

Ion Ratio Lower Upper

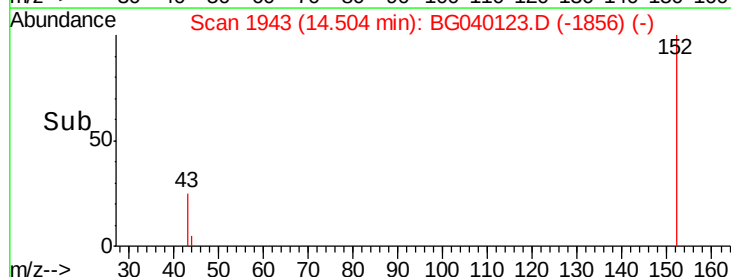
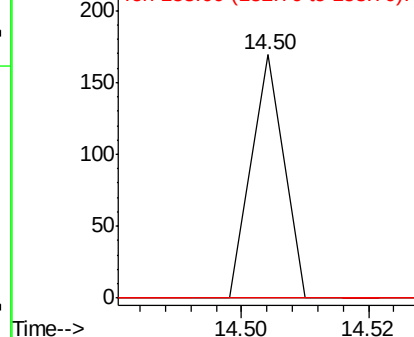
152 100

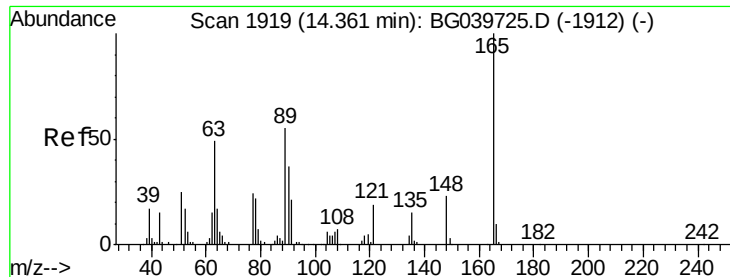
151 0.0 16.8 25.2#

153 0.0 11.7 17.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

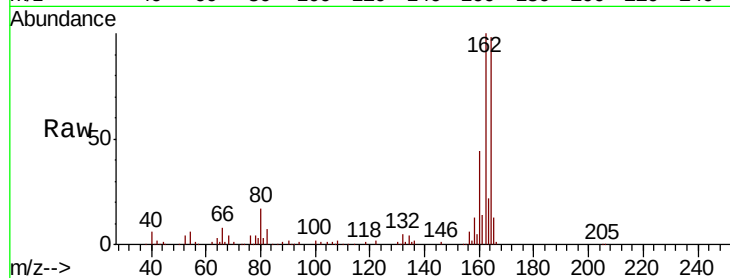




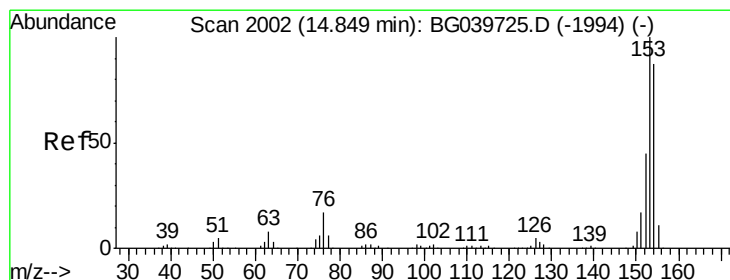
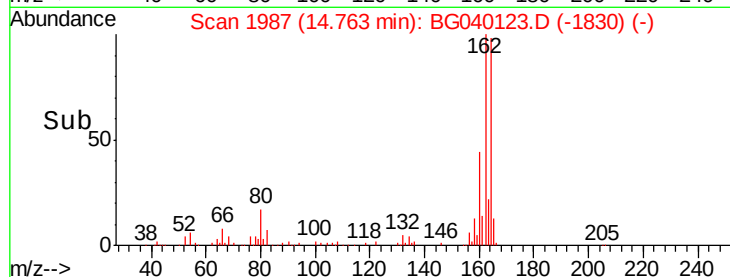
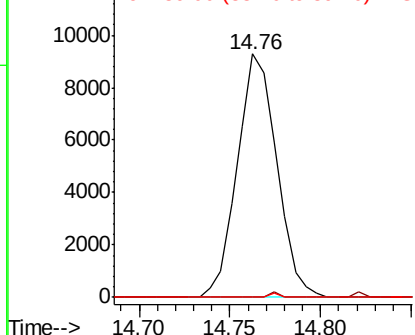
#51
 2,6-Dinitrotoluene
 Concen: 7.388 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.39 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion:165 Resp: 14053
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#

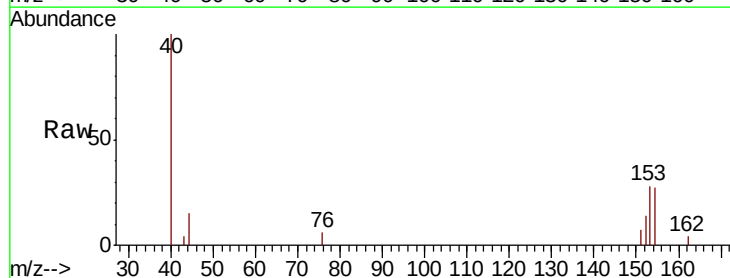


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

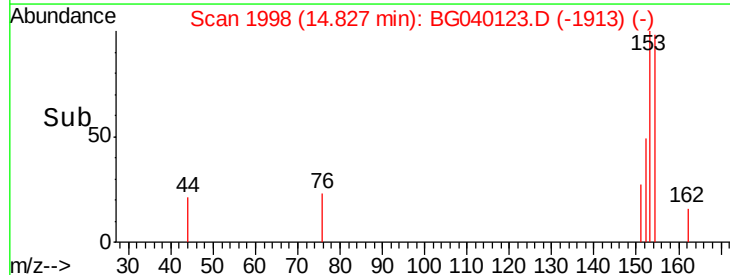
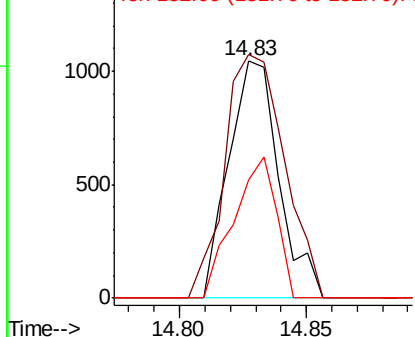


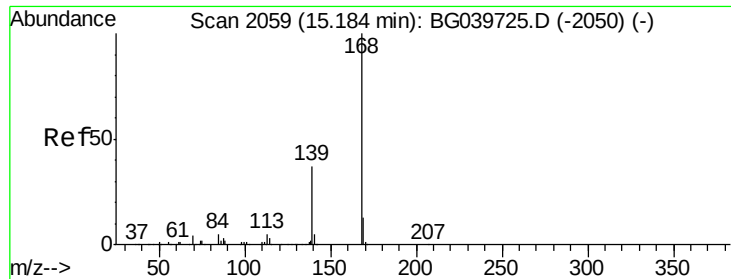
#52
 Acenaphthene
 Concen: 0.219 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:154 Resp: 1437
 Ion Ratio Lower Upper
 154 100
 153 102.4 90.1 135.1
 152 49.8 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





#55

Dibenzo(f,h)quinoxaline

Concen: 0.124 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

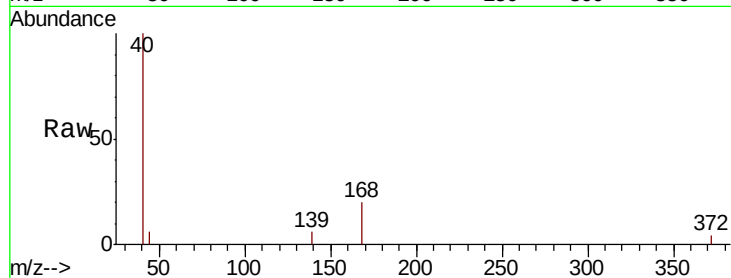
Tgt Ion:168 Resp: 1332

Ion Ratio Lower Upper

168 100

139 30.2 30.1 45.1

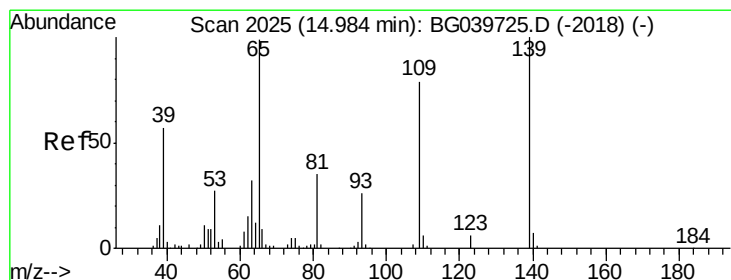
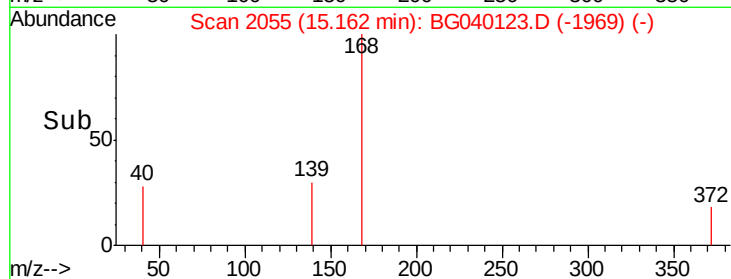
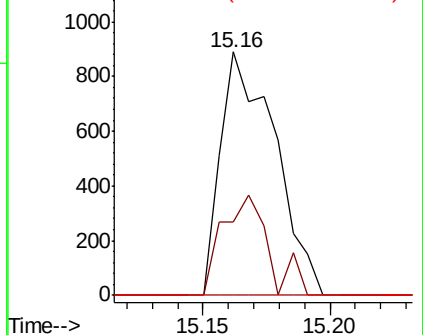
169 0.0 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.270 ng

RT: 15.17 min Scan# 2056

Delta R.T. 0.18 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

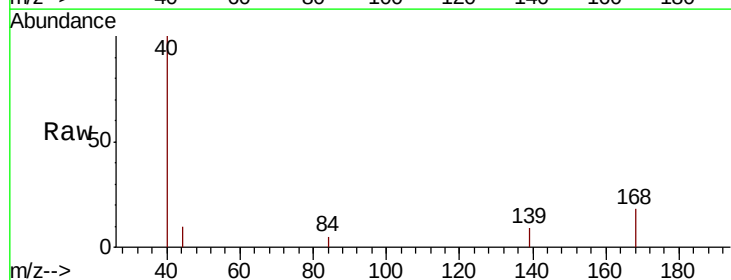
Tgt Ion:139 Resp: 462

Ion Ratio Lower Upper

139 100

109 0.0 61.9 101.9#

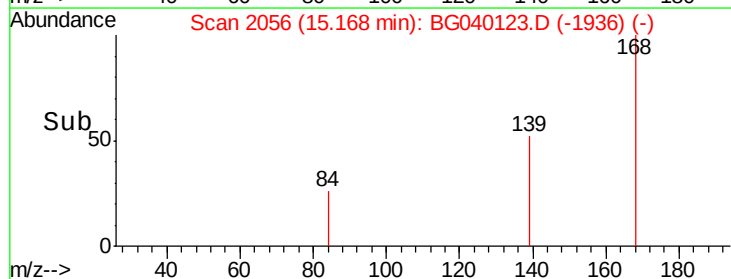
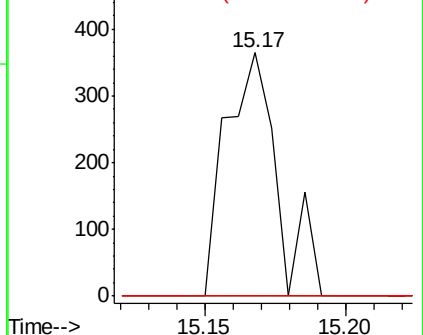
65 0.0 99.1 139.1#

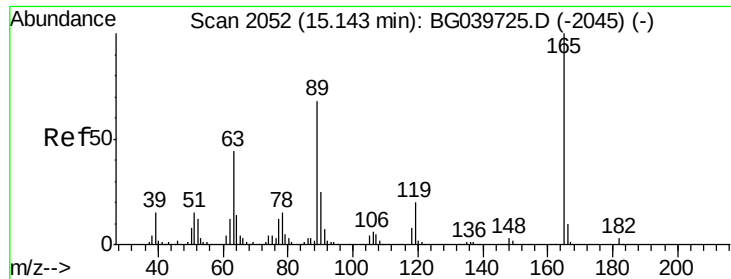


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

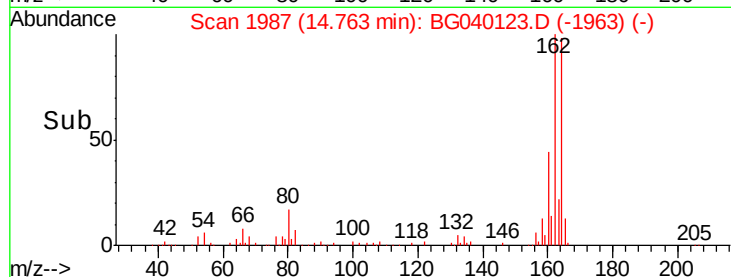
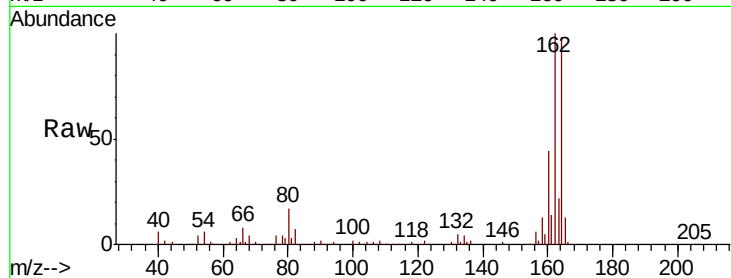




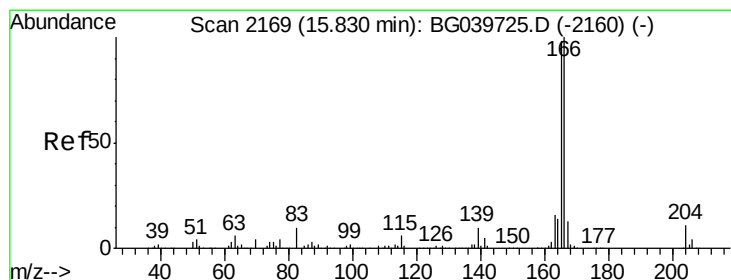
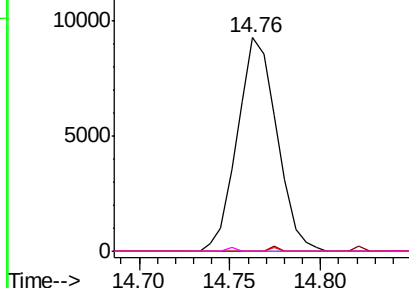
#57
2,4-Dinitrotoluene
Concen: 5.258 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

Tgt Ion:165 Resp: 14053
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 64.6 96.8#
182 0.0 2.0 3.0#

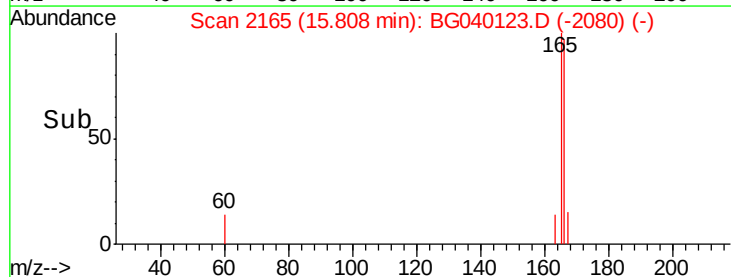
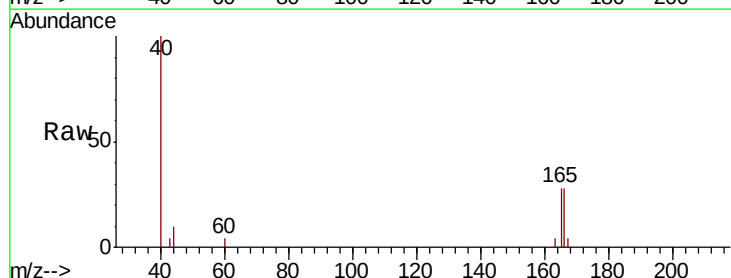


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

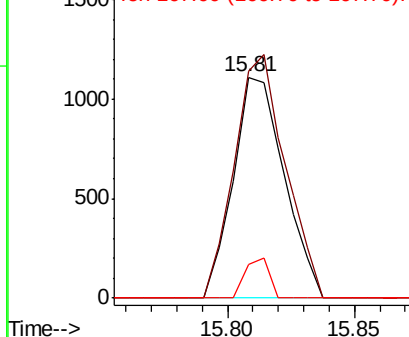


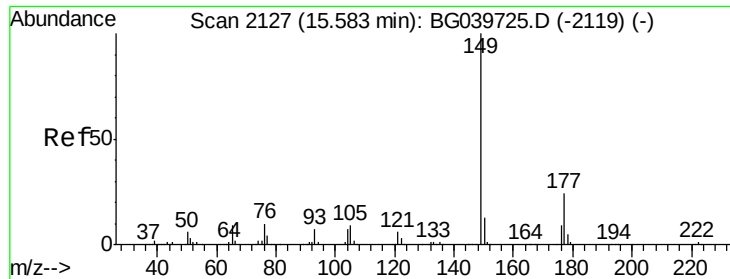
#58
Fluorene
Concen: 0.183 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion:166 Resp: 1552
Ion Ratio Lower Upper
166 100
165 102.9 77.9 116.9
167 15.1 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

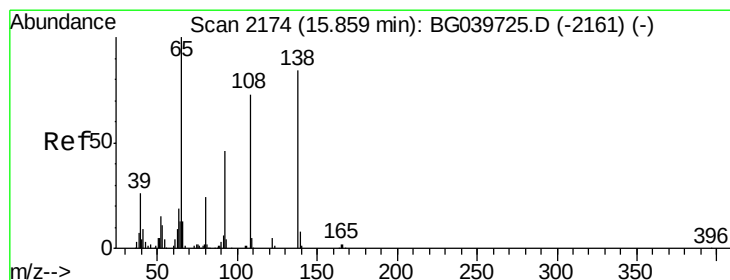
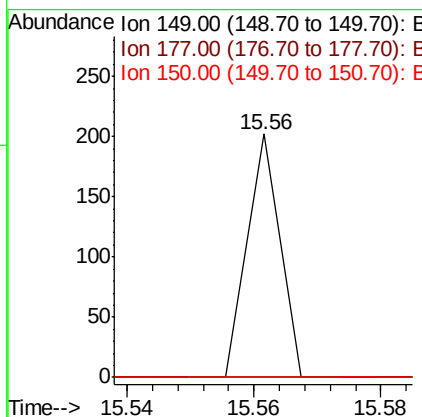
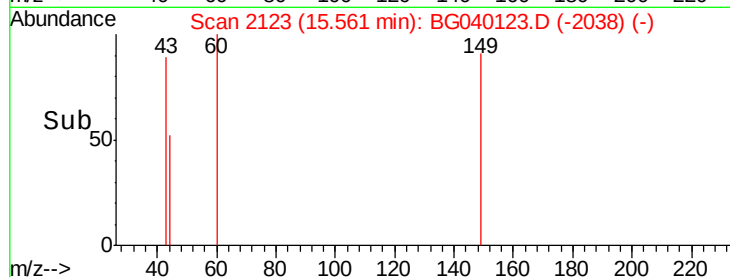
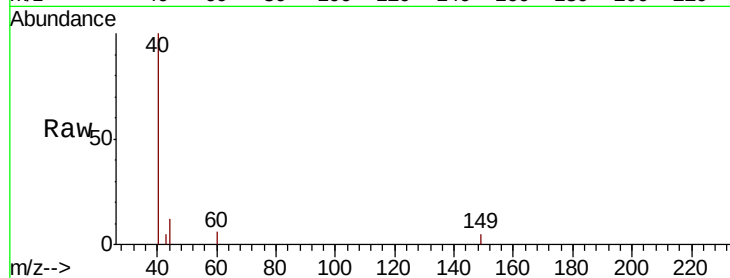




#60
Diethylphthalate
Concen: 0.008 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

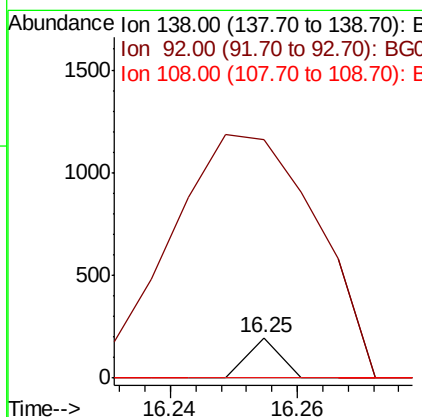
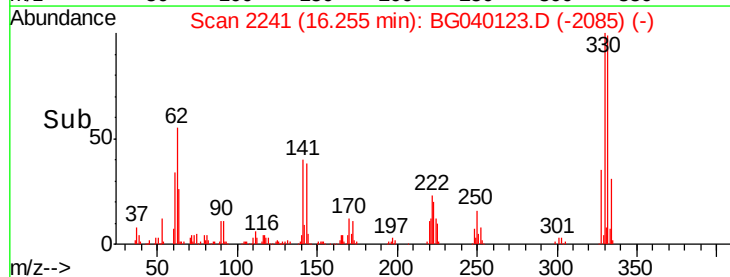
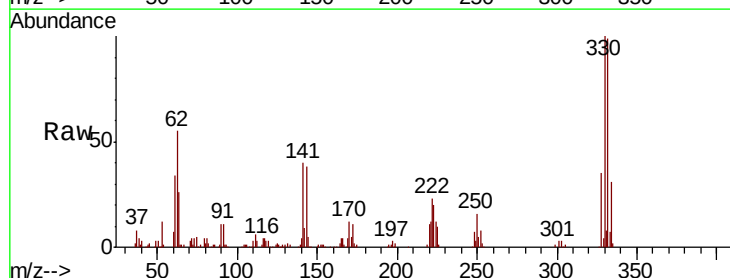
Instrument :
BNA_G
ClientSampled :
S4B(2-10)

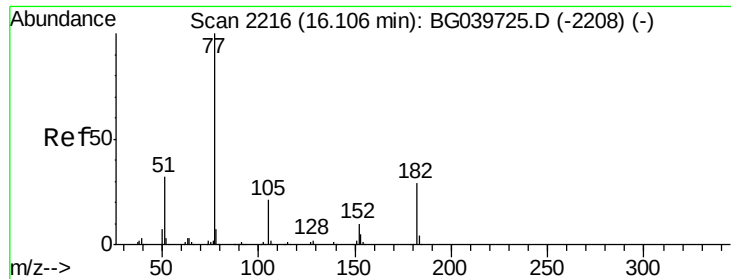
Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



#62
4-Nitroaniline
Concen: 0.033 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.39 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	593.4	38.7	78.7#
108	0.0	74.6	114.6#

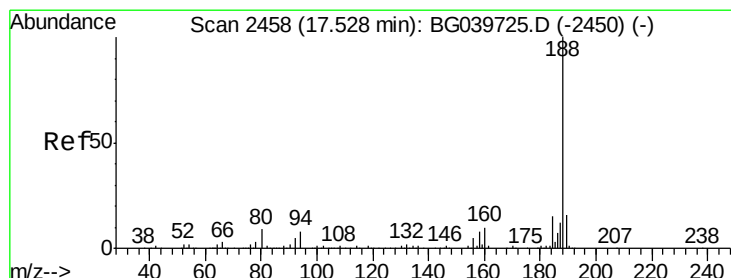
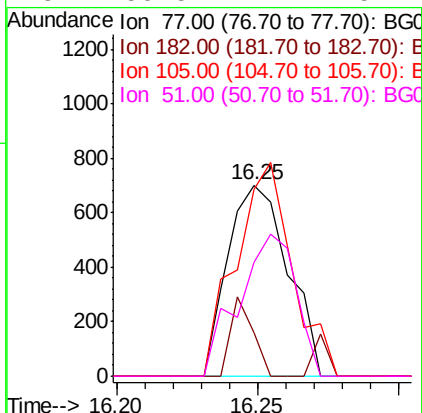
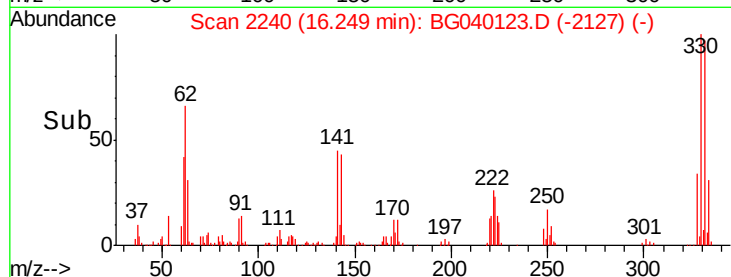
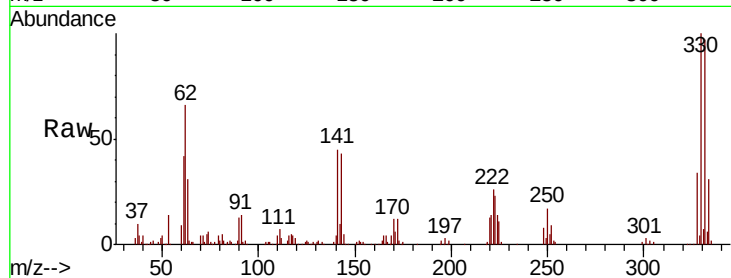




#63
Azobenzene
Concen: 0.129 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.14 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

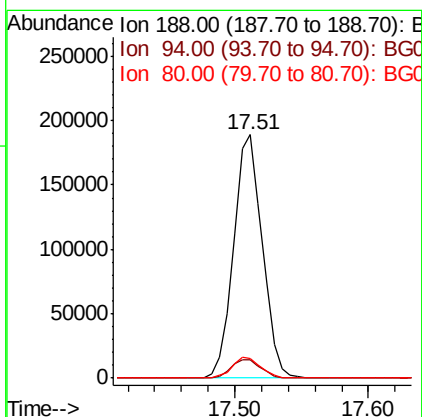
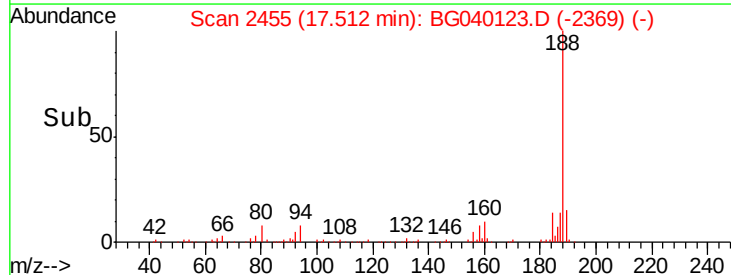
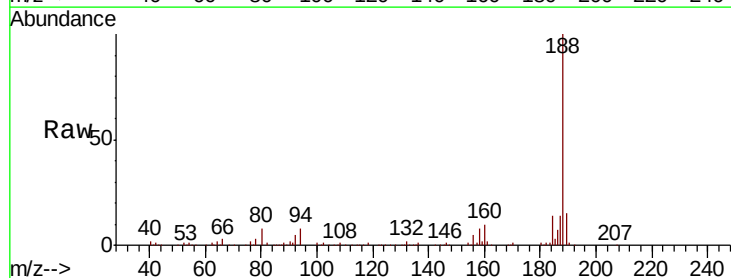
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

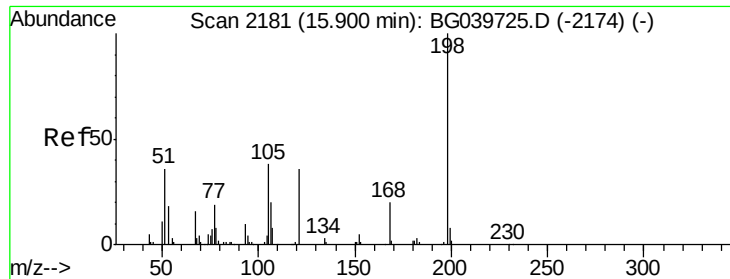
Tgt Ion: 77 Resp: 1037
Ion Ratio Lower Upper
77 100
182 23.0 6.4 46.4
105 97.9 0.0 39.8#
51 59.5 14.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion: 188 Resp: 281159
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.2 8.1 12.1

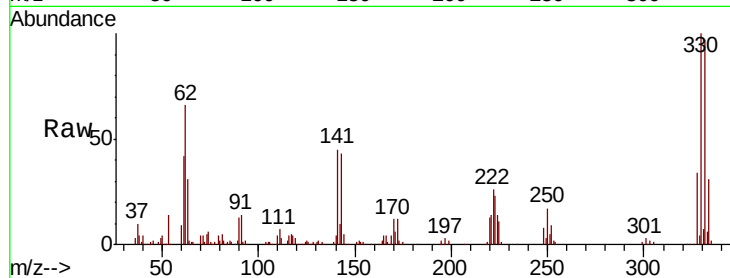




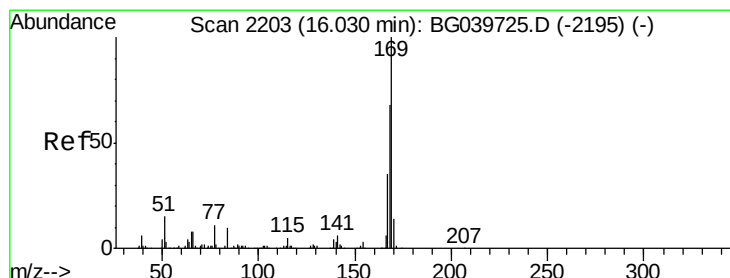
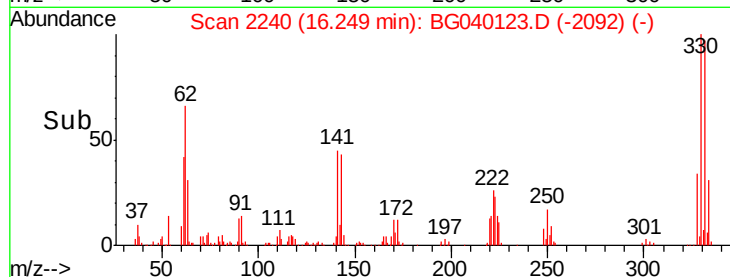
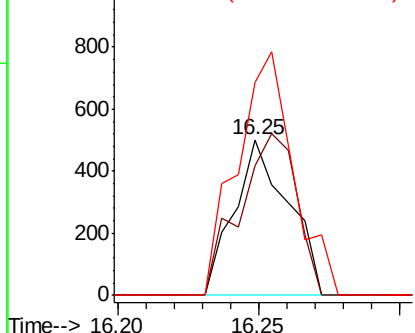
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.401 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.34 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion:198 Resp: 666
 Ion Ratio Lower Upper
 198 100
 51 83.2 27.4 67.4#
 105 136.9 19.7 59.7#

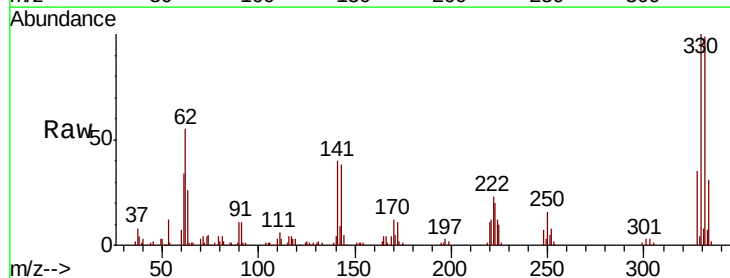


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

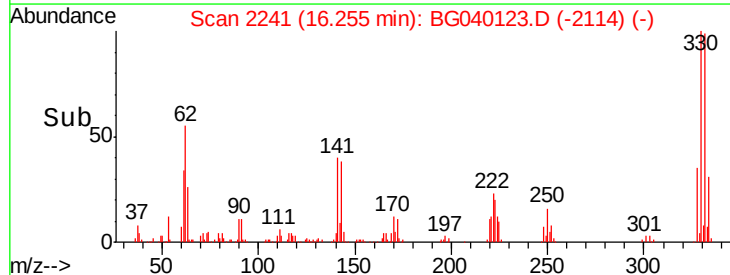
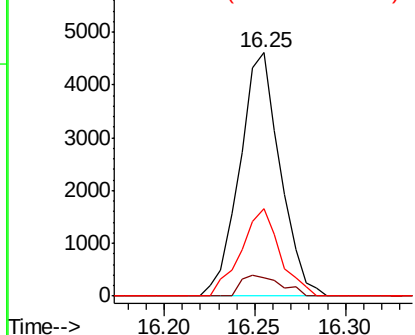


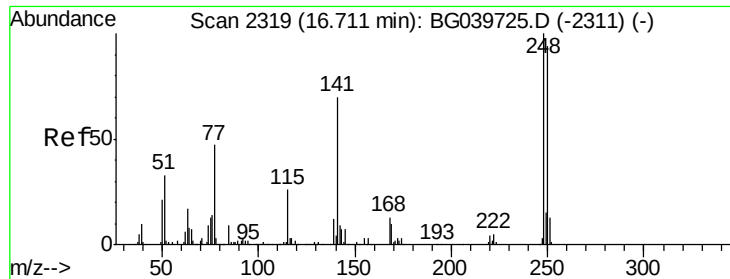
#66
 n-Nitrosodiphenylamine
 Concen: 0.878 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:169 Resp: 7149
 Ion Ratio Lower Upper
 169 100
 168 7.4 56.6 85.0#
 167 36.1 28.8 43.2



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

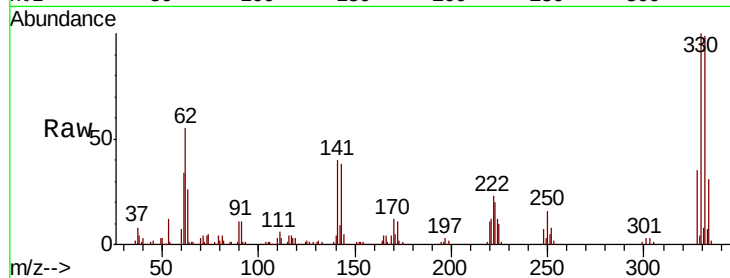




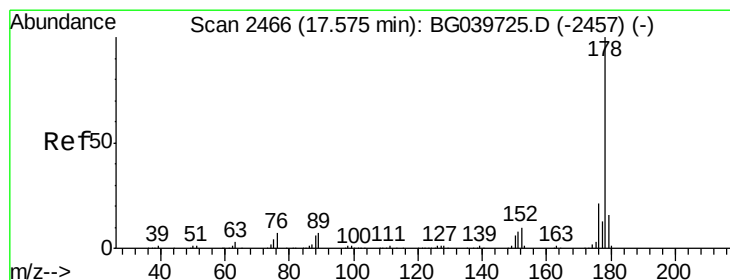
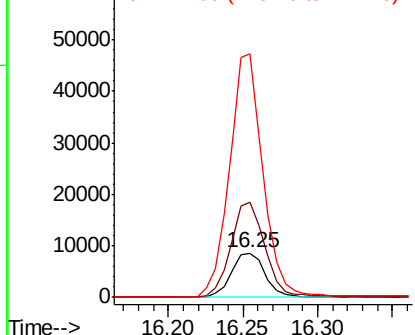
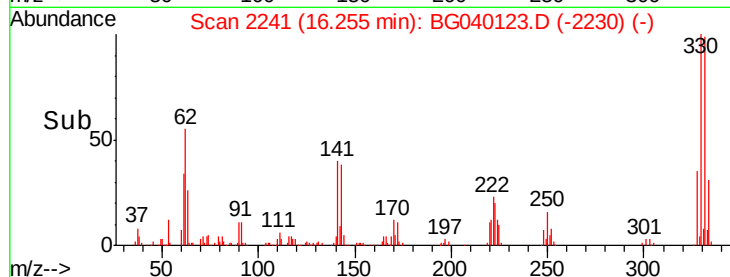
#67
 4-Bromophenyl-phenylether
 Concen: 4.361 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion:248 Resp: 13724
 Ion Ratio Lower Upper
 248 100
 250 213.7 77.6 116.4#
 141 546.8 63.9 95.9#

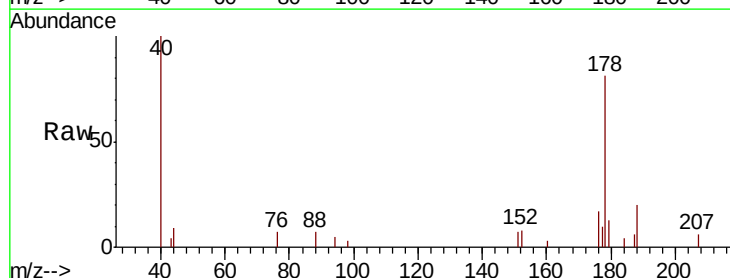


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

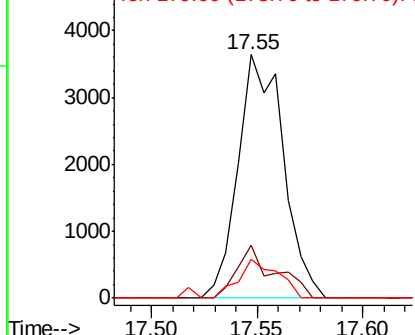
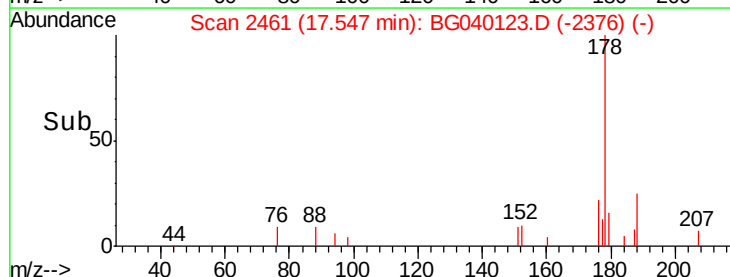


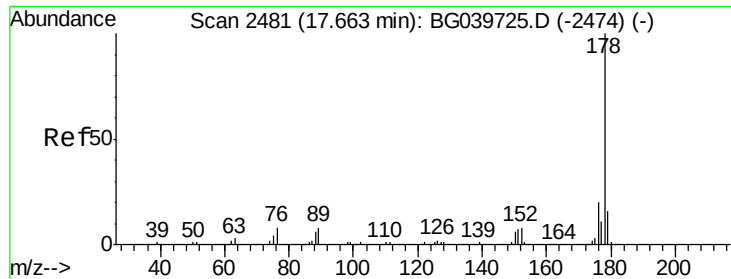
#71
 Phenanthrene
 Concen: 0.348 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:178 Resp: 5384
 Ion Ratio Lower Upper
 178 100
 176 21.5 16.2 24.4
 179 16.0 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: 0.357 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.12 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

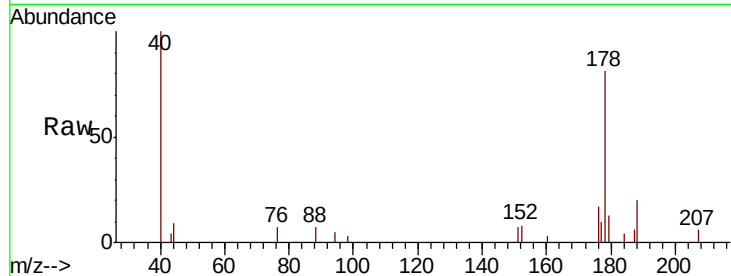
Tgt Ion:178 Resp: 5384

Ion Ratio Lower Upper

178 100

176 21.5 15.8 23.6

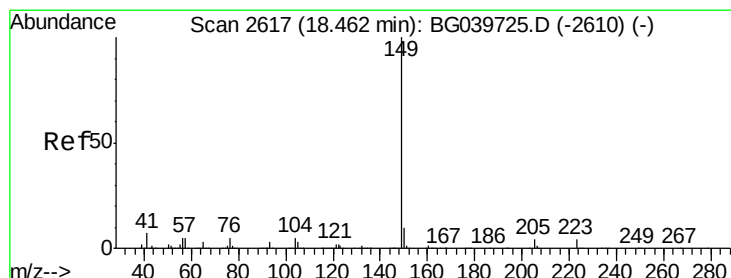
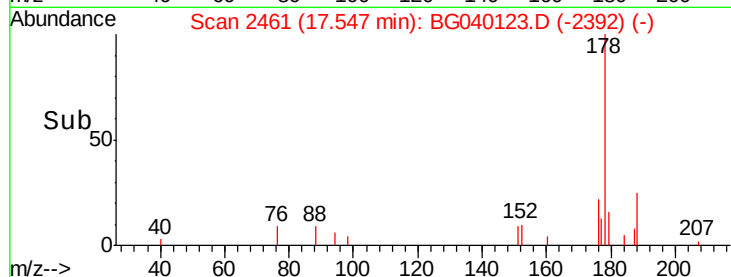
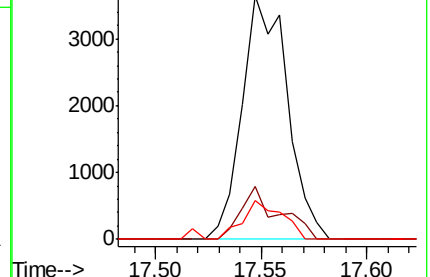
179 16.0 12.5 18.7



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



#74

Di-n-butylphthalate

Concen: 0.054 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

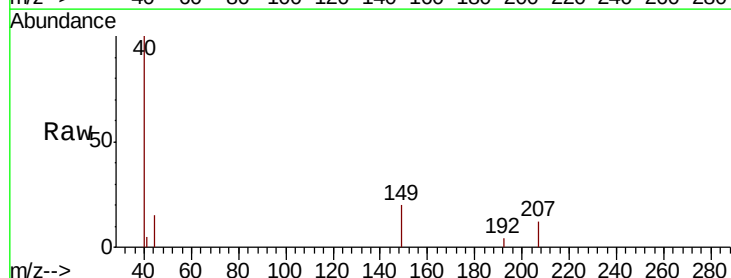
Tgt Ion:149 Resp: 866

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

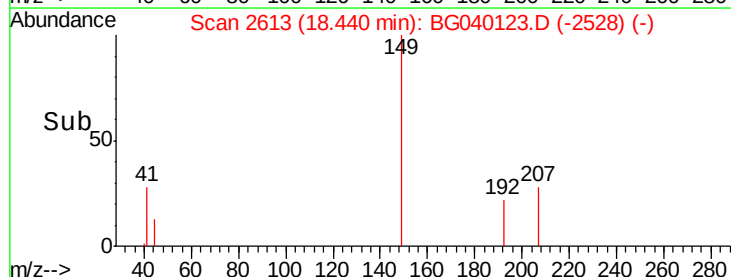
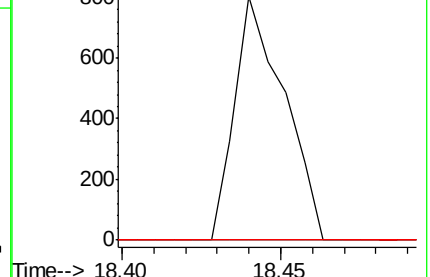
104 0.0 4.5 6.7#

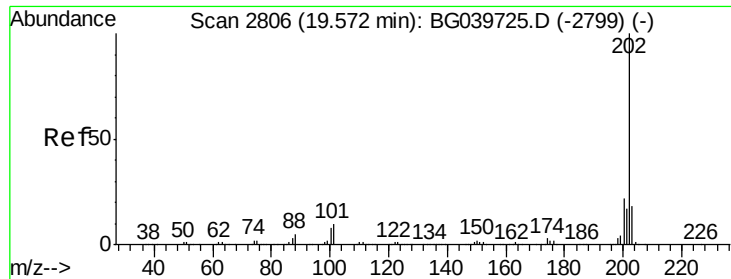


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.078 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

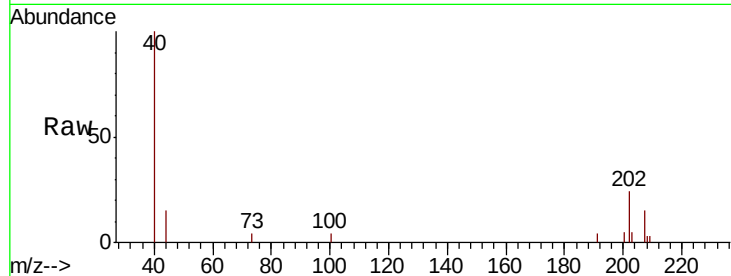
Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

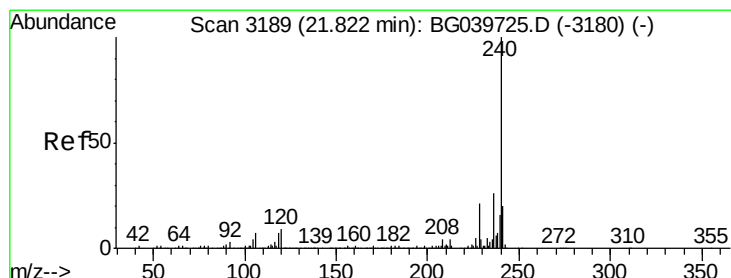
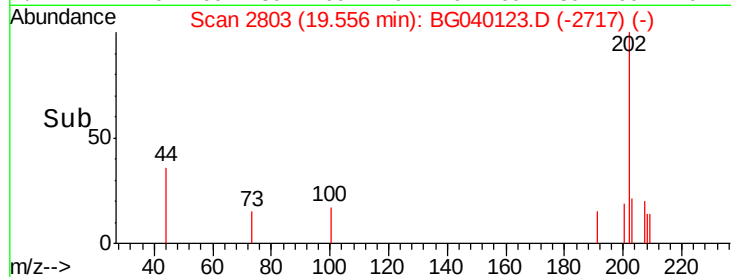
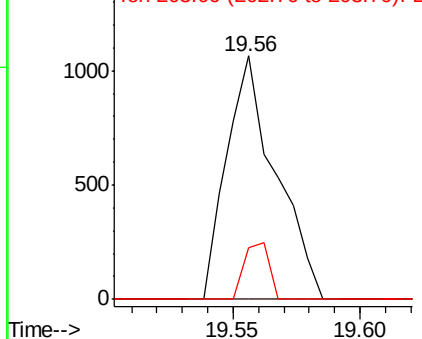
Tgt Ion:	202	Resp:	1432
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	21.3	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

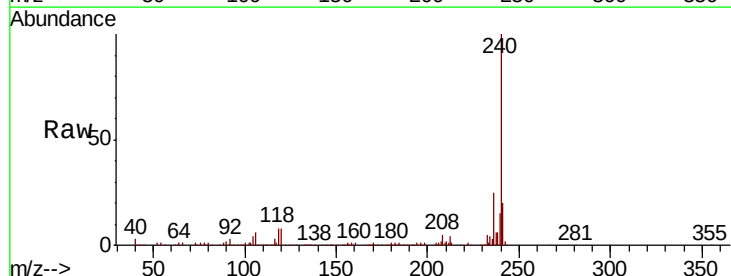
RT: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

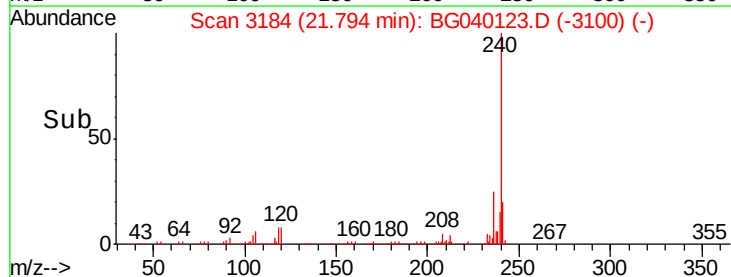
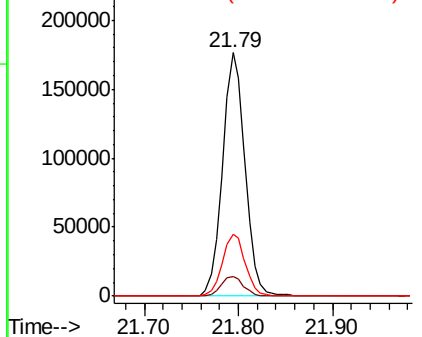
Tgt Ion:	240	Resp:	292590
Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.5	21.0	31.4

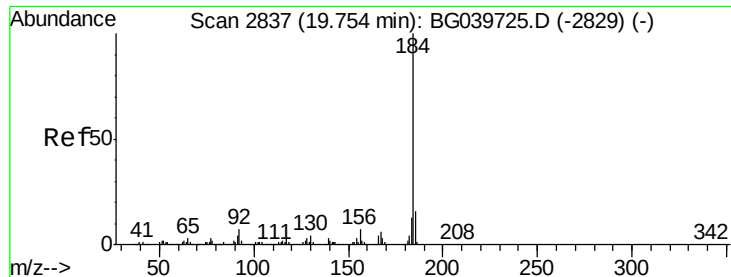


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.175 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.35 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

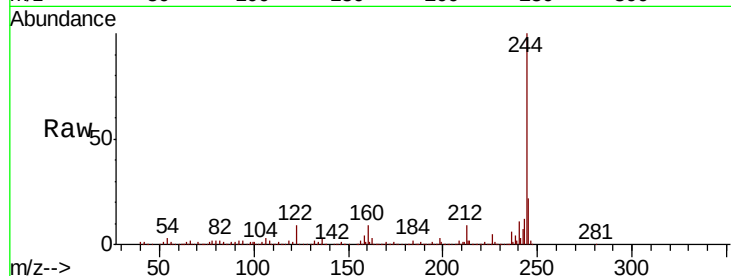
Tgt Ion:184 Resp: 20191

Ion Ratio Lower Upper

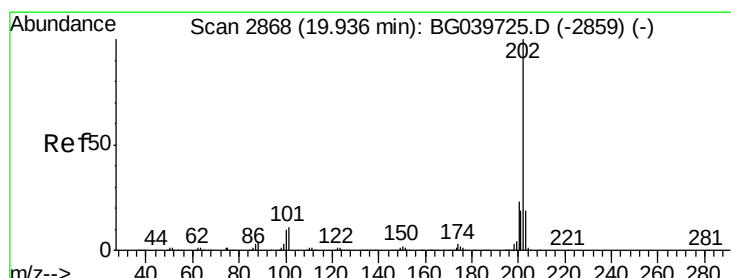
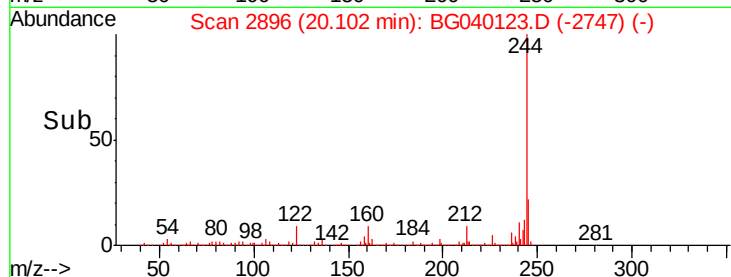
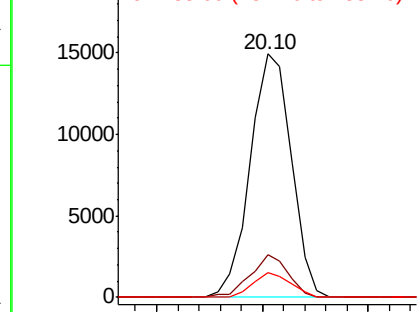
184 100

185 17.7 12.2 18.2

183 10.4 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.075 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.39 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

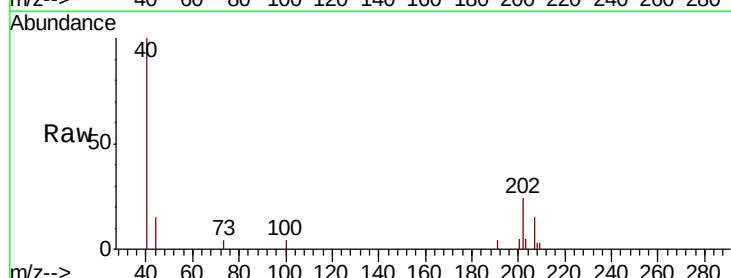
Tgt Ion:202 Resp: 1432

Ion Ratio Lower Upper

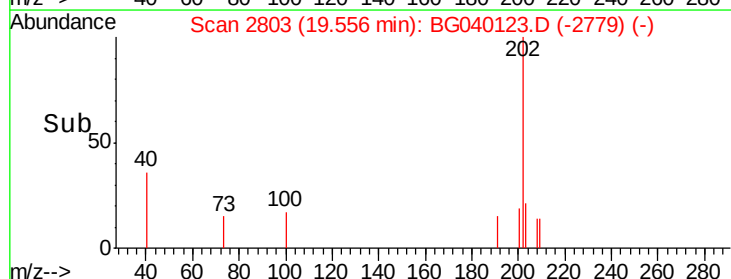
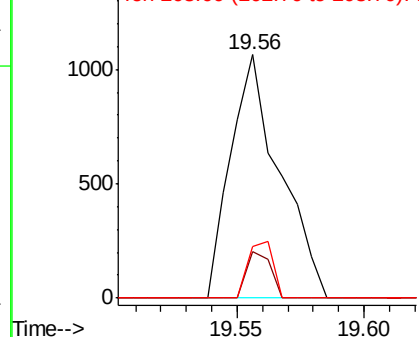
202 100

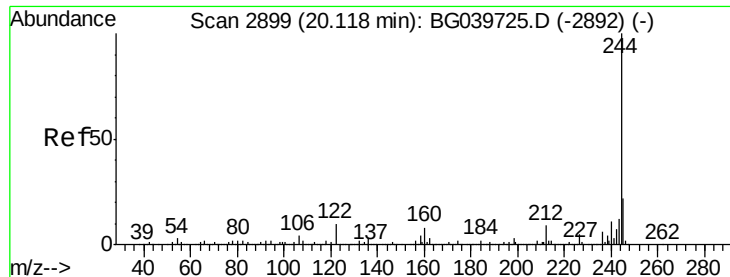
200 19.3 17.8 26.8

203 21.3 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.923 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampled :

S4B(2-10)

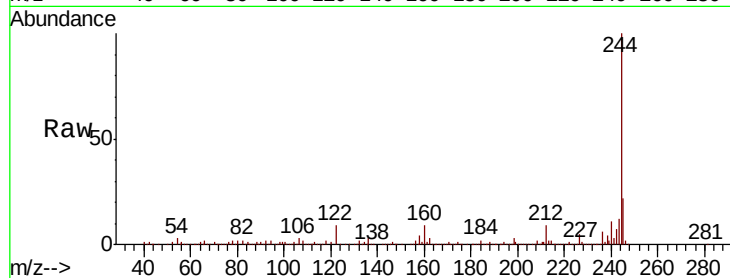
Tgt Ion:244 Resp: 1181664

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

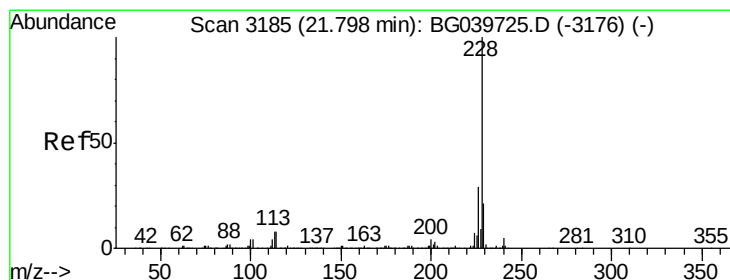
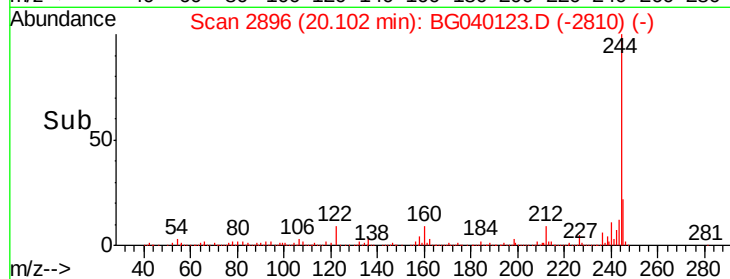
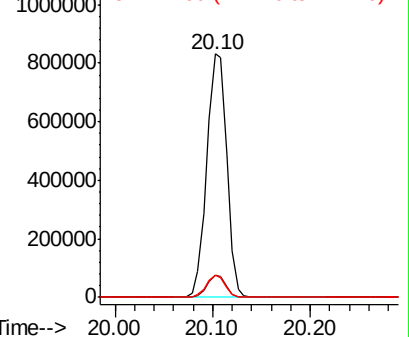
122 9.4 8.4 12.6



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



#81

Benzo(a)anthracene

Concen: 0.044 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

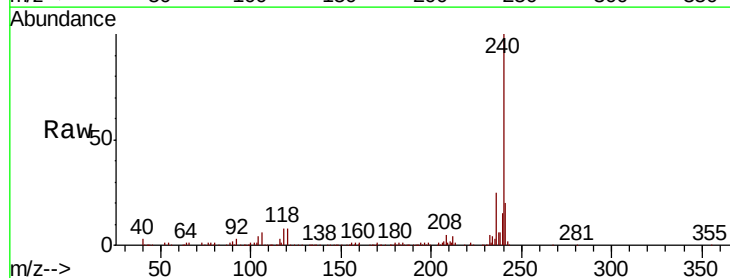
Tgt Ion:228 Resp: 805

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

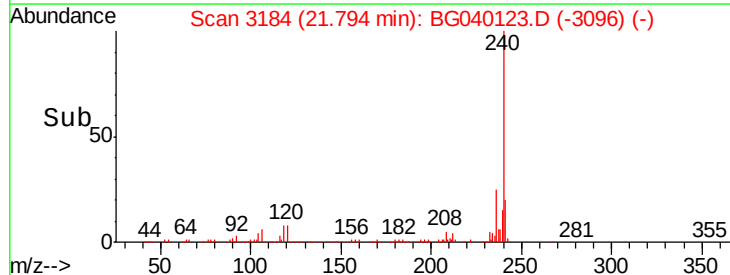
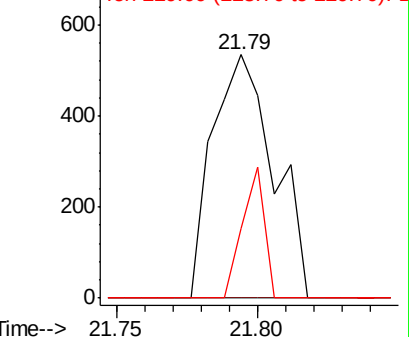
229 28.8 16.9 25.3#

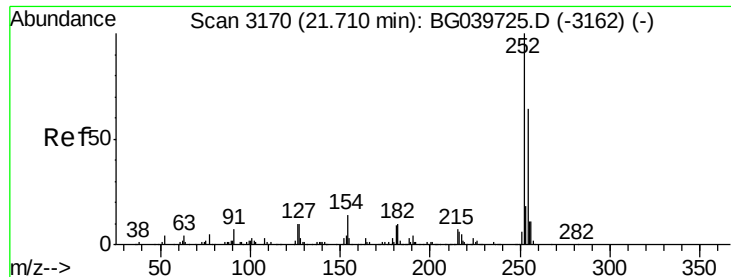


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

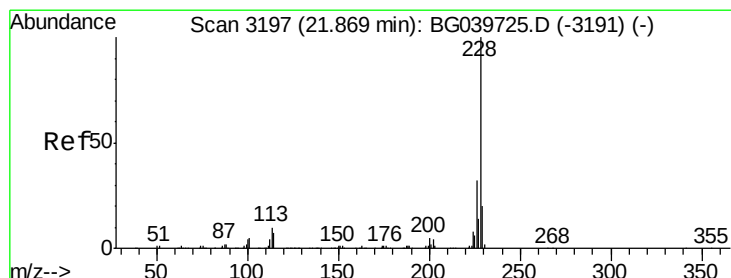
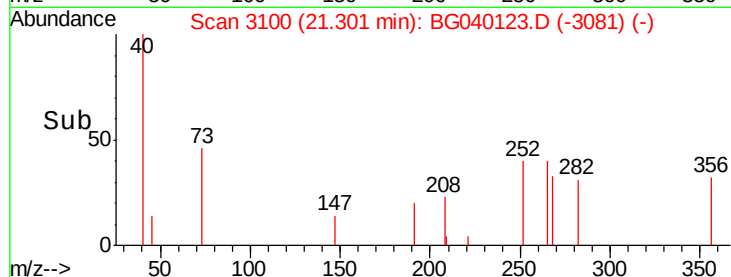
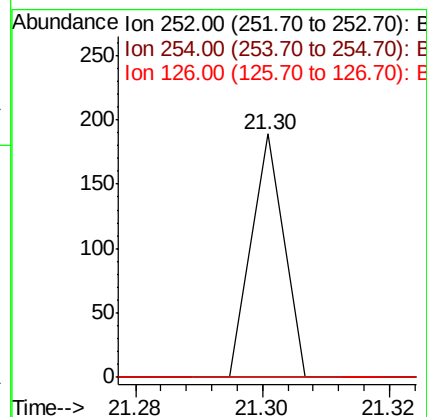
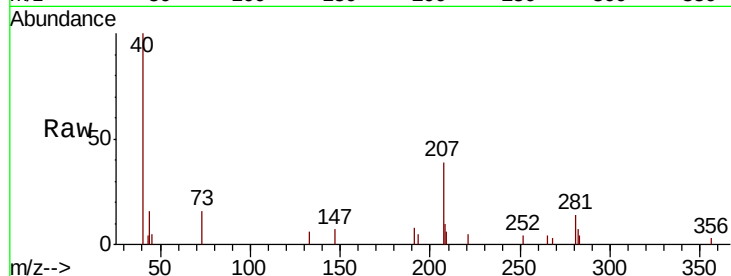




#82
 3,3'-Dichlorobenzidine
 Concen: 0.010 ng
 RT: 21.30 min Scan# 3100
 Delta R.T. -0.42 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

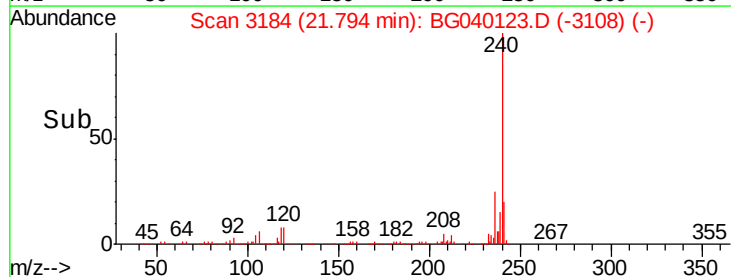
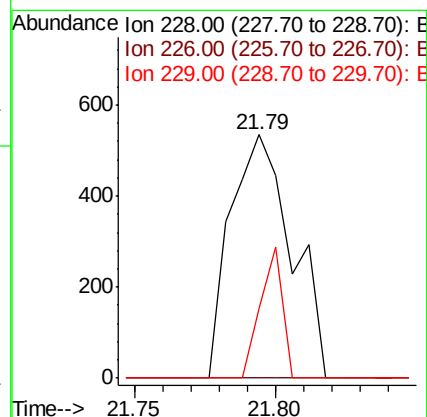
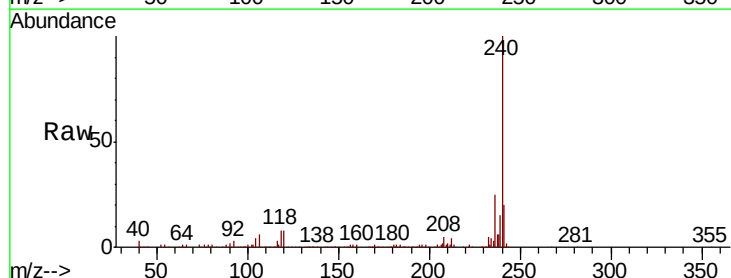
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

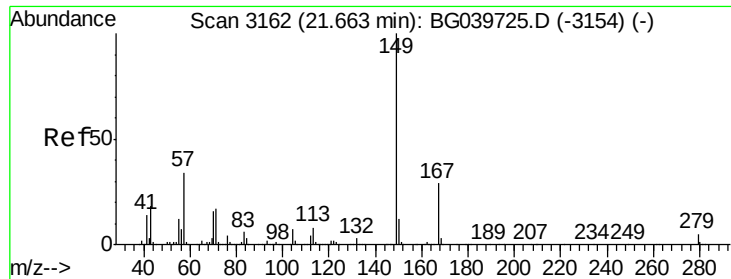
Tgt Ion:252 Resp: 67
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.3 76.9#
 126 0.0 8.0 12.0#



#83
 Chrysene
 Concen: 0.045 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.08 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:228 Resp: 805
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.8 38.6#
 229 28.8 16.6 25.0#

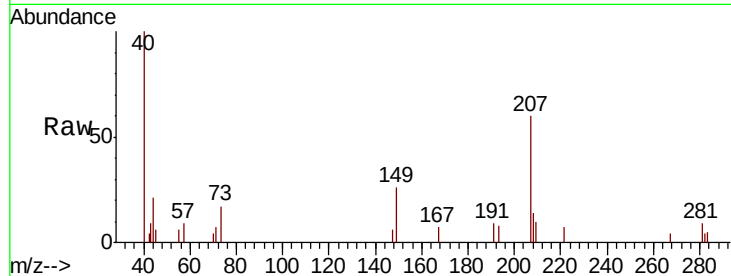




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.6	34.0
279	0.0	3.5	5.3#

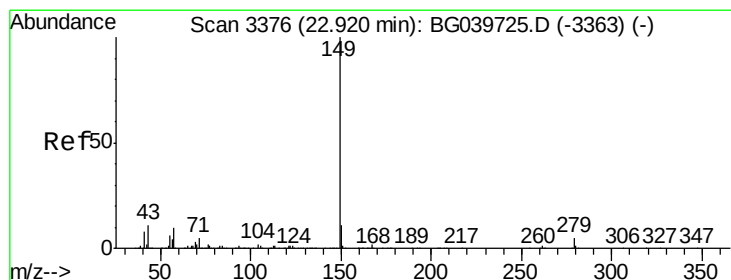
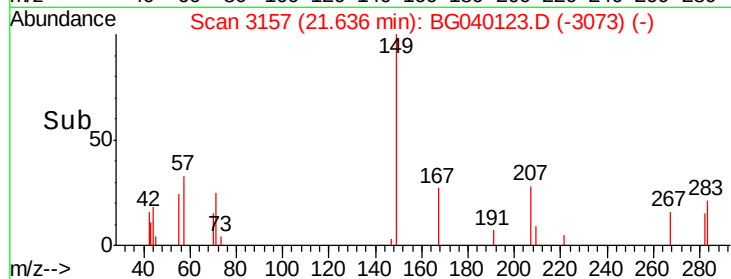
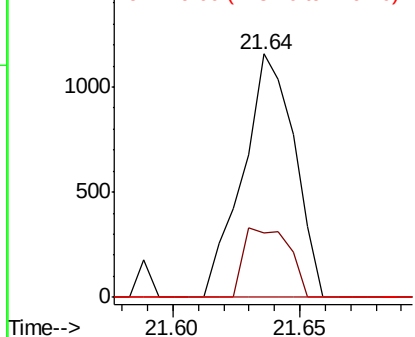


Abundance

Ion 149.00 (148.70 to 149.70): E

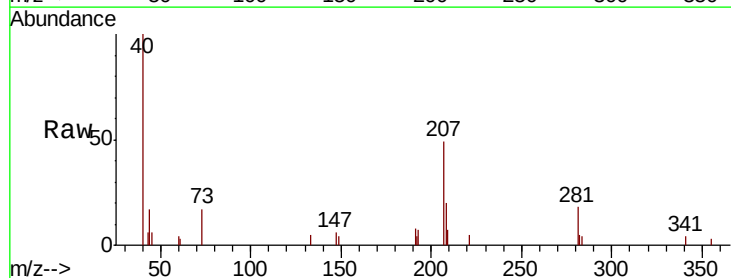
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.92 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#

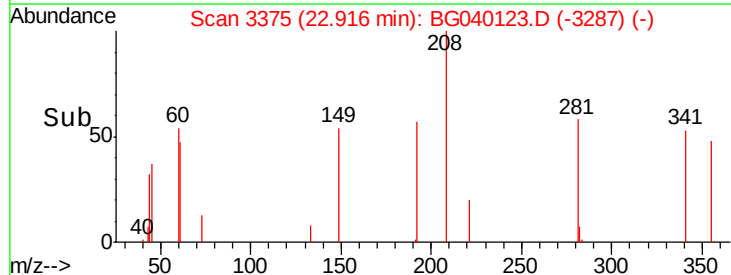
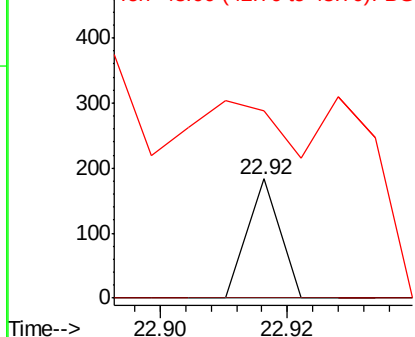


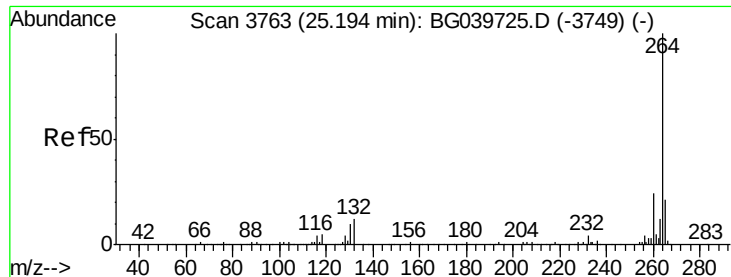
Abundance

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

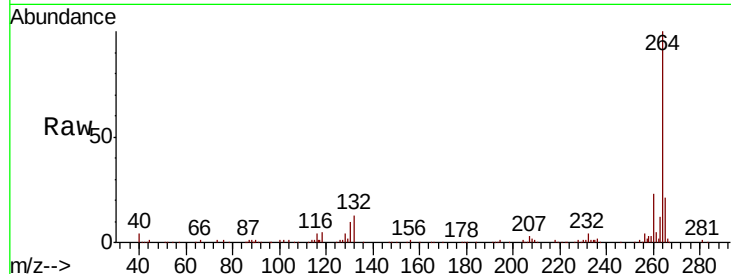




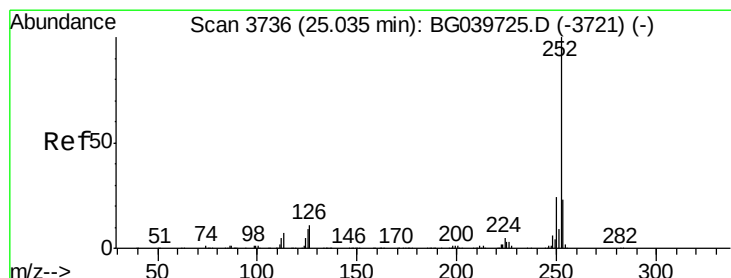
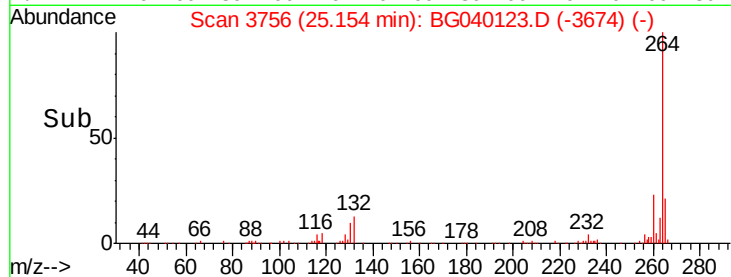
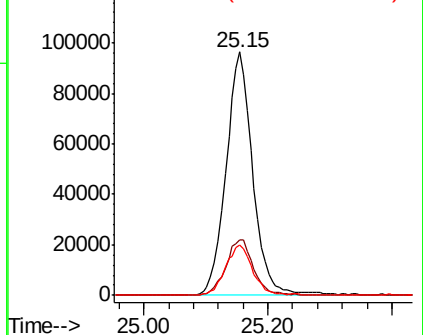
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.7	18.5	27.7

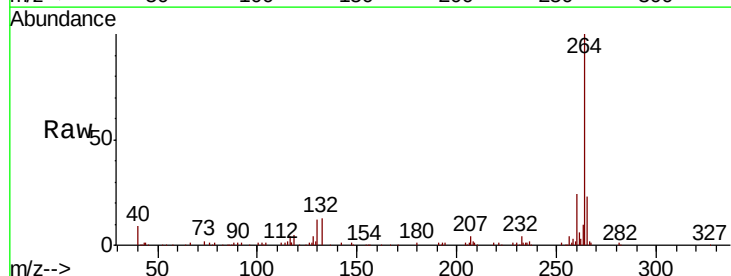


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#90
Benzo(a)pyrene
Concen: 0.026 ng
RT: 25.14 min Scan# 3753
Delta R.T. 0.10 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

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



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

