

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040082.D
 Acq On : 22 Mar 2019 14:14
 Operator : JU/SJ
 Sample : PB118167BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:05:36 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	62209	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	254733	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	160023	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	364455	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	318908	20.00	ng	-0.03
87) Perylene-d12	25.17	264	316079	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	449074	123.15	ng	-0.02
7) Phenol-d6	7.30	99	613476	112.83	ng	-0.02
23) Nitrobenzene-d5	9.32	82	371125	78.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	207441	111.22	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	872969	77.67	ng	-0.02
79) Terphenyl-d14	20.11	244	1151504	79.50	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	53	0.031	ng	# 1
3) Pyridine	3.78	79	54	0.012	ng	# 2
4) n-Nitrosodimethylamine	3.90	42	122	0.057	ng	# 1
6) Aniline	7.68	93	641	0.090	ng	# 1
9) Benzaldehyde	7.30	77	1230	0.351	ng	# 4
10) Phenol	7.67	94	1094	0.186	ng	# 1
11) bis(2-Chloroethyl)ether	7.68	93	641	0.140	ng	# 1
15) Benzyl Alcohol	8.47	79	6135	1.422	ng	# 44
19) n-Nitroso-di-n-propylamine	9.32	70	47904	12.241	ng	# 67
24) Nitrobenzene	9.32	77	1116	0.226	ng	# 45
38) 1-Methylnaphthalene	13.28	142	56	0.006	ng	# 7
46) 1,1'-Biphenyl	13.60	154	1305	0.099	ng	# 41
48) 2-Nitroaniline	13.39	65	1422	0.447	ng	# 16
49) Acenaphthylene	14.77	152	54	0.003	ng	# 59
51) 2,6-Dinitrotoluene	14.77	165	20768	7.321	ng	# 24
52) Acenaphthene	14.77	154	616	0.063	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	20768	5.210	ng	# 19
58) Fluorene	16.25	166	8438	0.669	ng	# 91
62) 4-Nitroaniline	16.25	138	76	0.025	ng	# 1
63) Azobenzene	16.25	77	879	0.073	ng	# 5
65) 4,6-Dinitro-2-methylphenol	16.25	198	742	0.344	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	8041	0.762	ng	# 50
67) 4-Bromophenyl-phenylether	16.26	248	15376	3.769	ng	# 1
69) Atrazine	16.99	200	66	0.016	ng	# 35
74) Di-n-butylphthalate	18.45	149	60	0.003	ng	# 77
77) Benzidine	20.11	184	19137	1.891	ng	# 93
78) Pyrene	20.11	202	4532	0.219	ng	# 62
80) Butylbenzylphthalate	20.78	149	57	0.007	ng	# 22
81) Benzo(a)anthracene	21.81	228	972	0.049	ng	# 50
83) Chrysene	21.81	228	972	0.050	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.65	149	70	0.006	ng	# 52
85) Di-n-octyl phthalate	22.89	149	67	0.004	ng	# 1
90) Benzo(a)pyrene	25.18	252	1176	0.068	ng	# 66

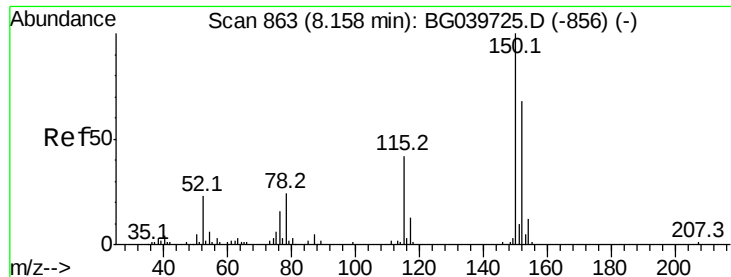
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040082.D
Acq On : 22 Mar 2019 14:14
Operator : JU/SJ
Sample : PB118167BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 02:05:36 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

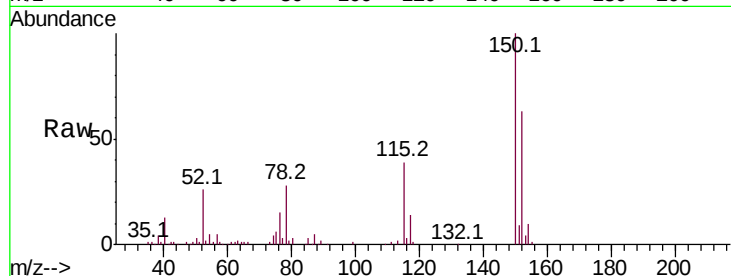
Tot Ion:152 Resp: 62209

Ion Ratio Lower Upper

152 100

150 160.0 123.7 185.5

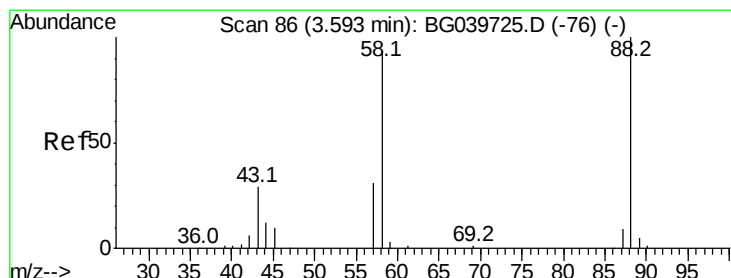
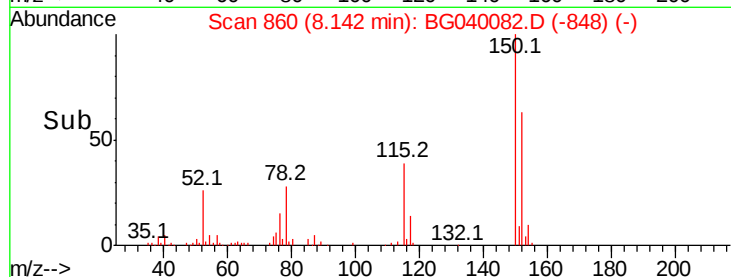
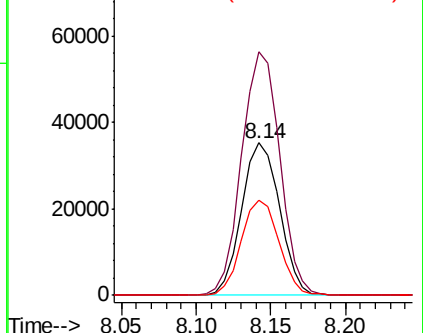
115 62.8 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.031 ng

RT: 3.38 min Scan# 49

Delta R.T. -0.23 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

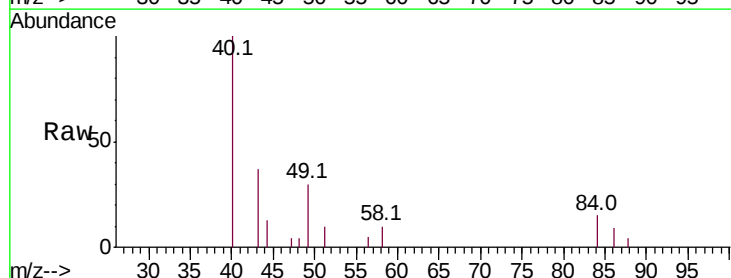
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 750.9 81.1 121.7#

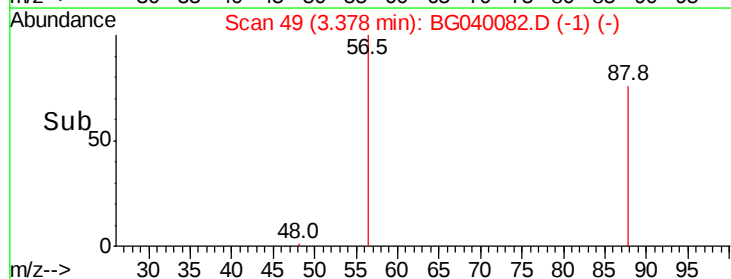
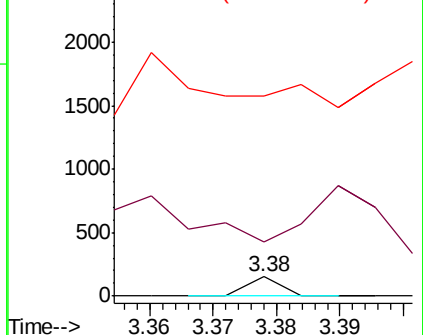
43 0.0 31.4 47.0#

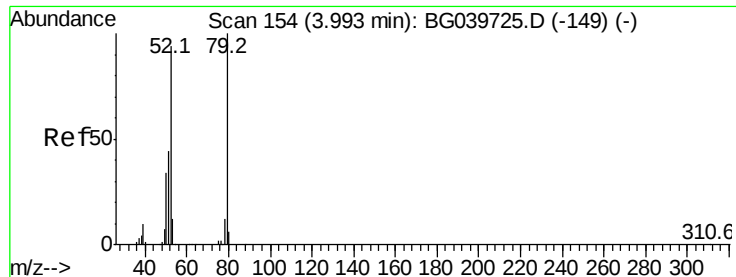


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.012 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.22 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampled :

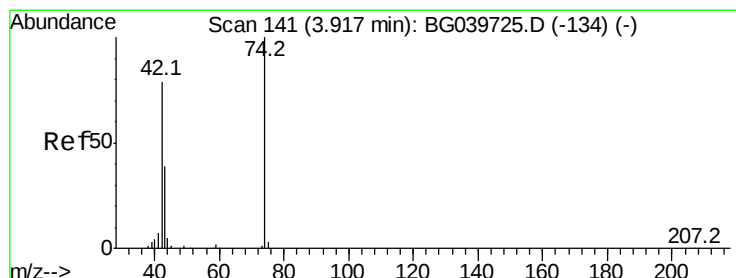
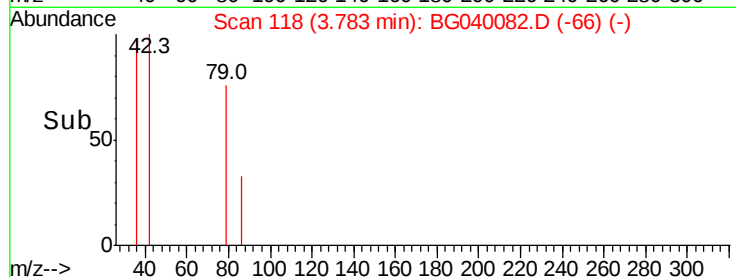
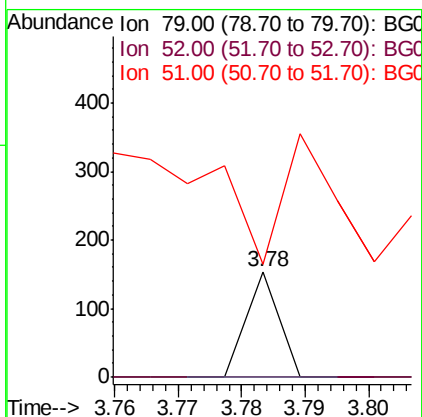
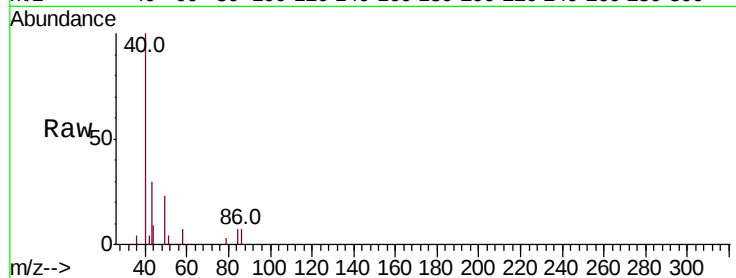
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 106.5 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 0.057 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

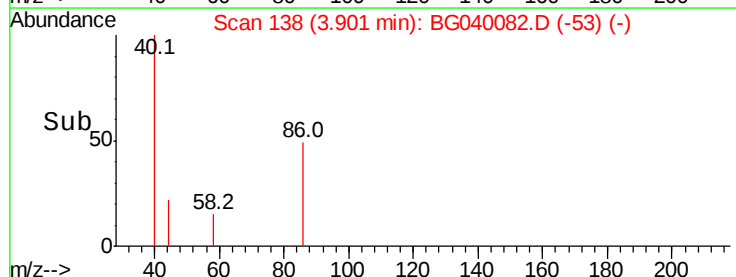
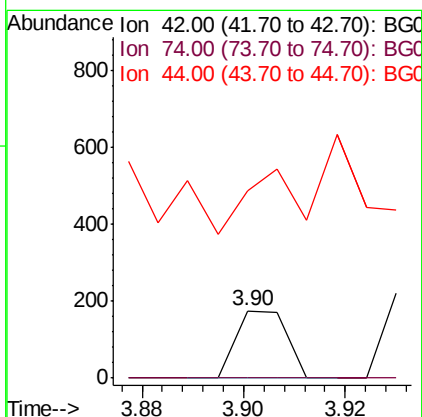
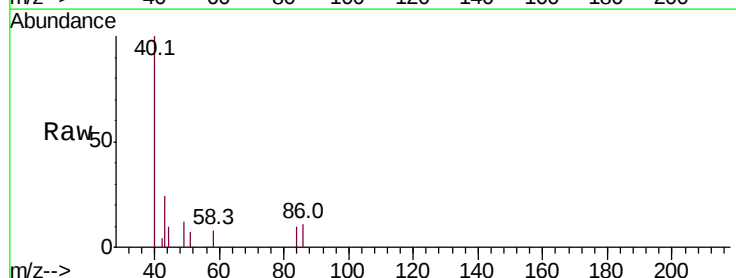
Tgt Ion: 42 Resp: 122

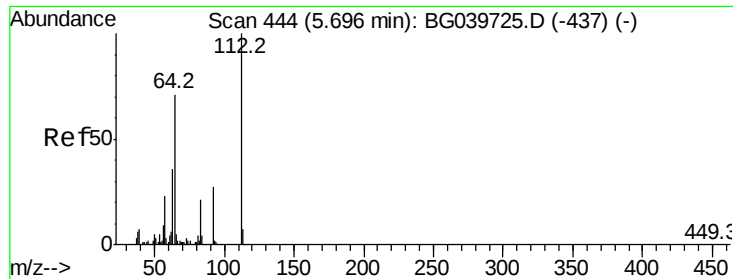
Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 279.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 123.153 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

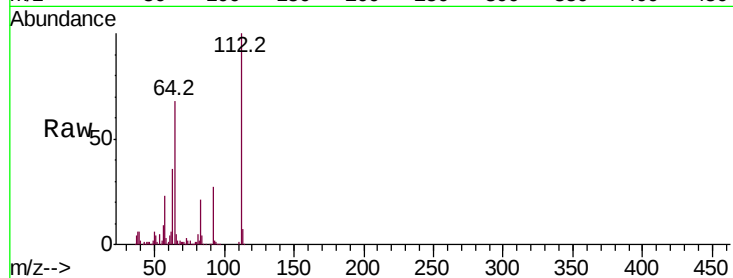
Tot Ion:112 Resp: 449074

Ion Ratio Lower Upper

112 100

64 67.9 57.8 86.8

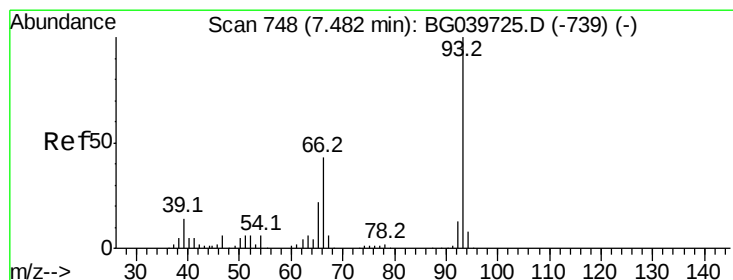
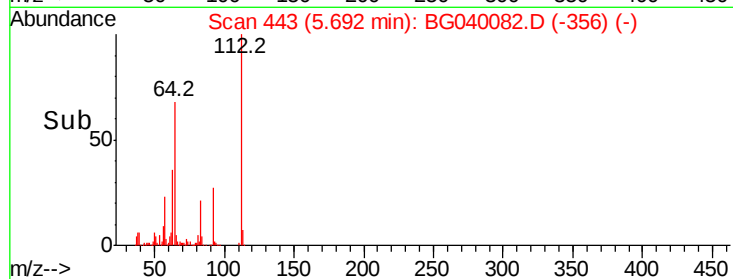
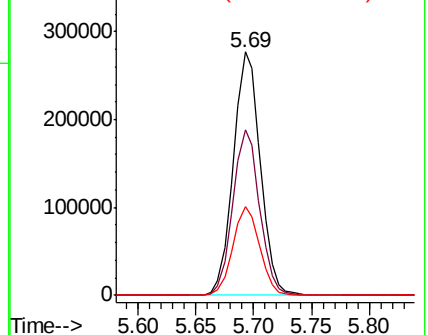
63 36.4 29.8 44.6



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: 0.090 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.19 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

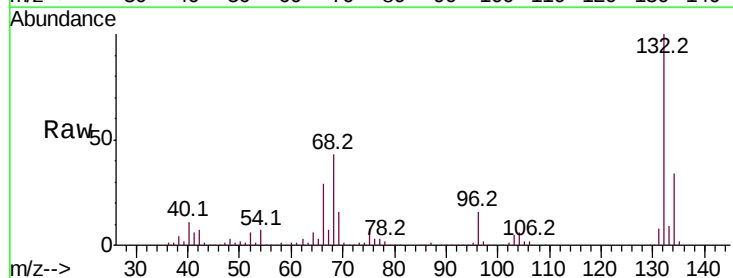
Tgt Ion: 93 Resp: 641

Ion Ratio Lower Upper

93 100

66 16657.7 34.2 51.4#

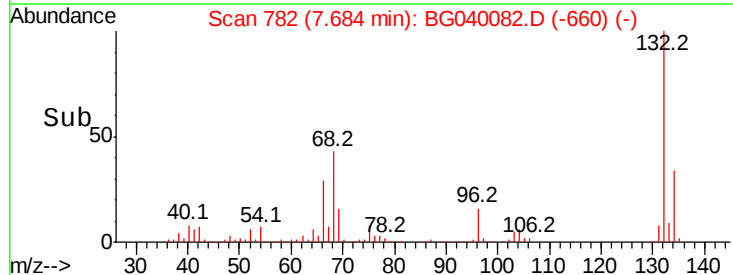
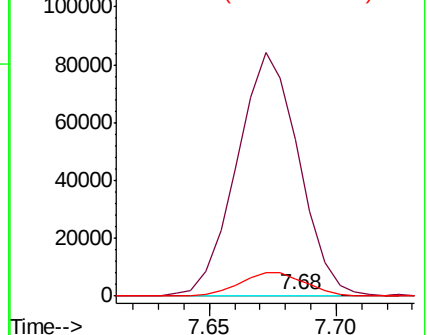
65 1749.1 17.7 26.5#

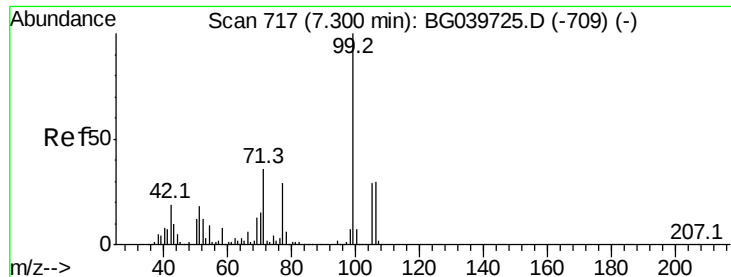


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.832 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

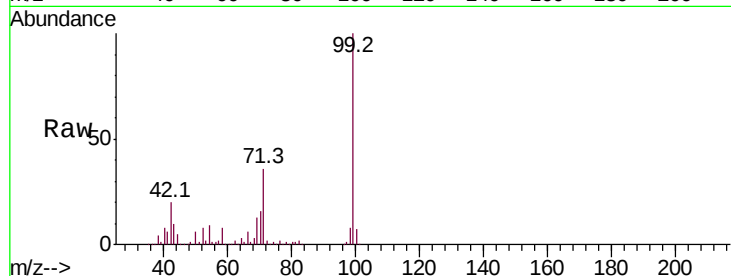
Tot Ion: 99 Resp: 613476

Ion Ratio Lower Upper

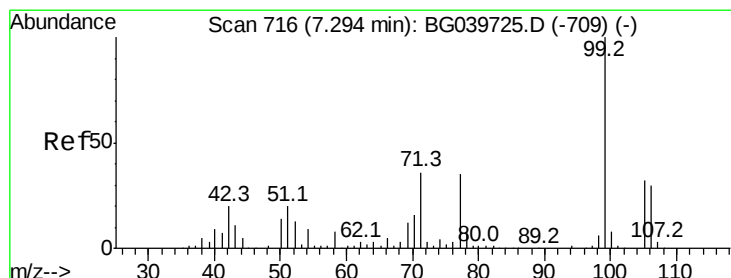
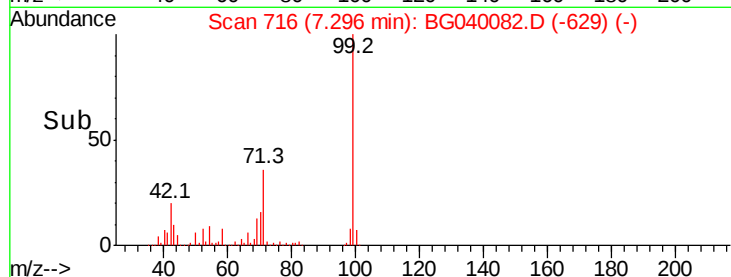
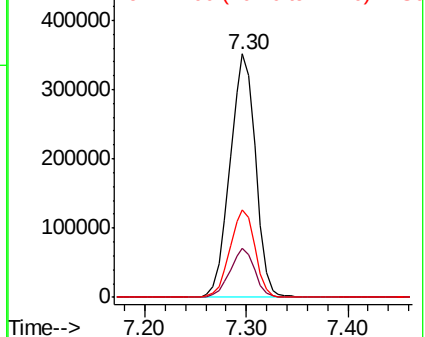
99 100

42 20.1 18.2 27.2

71 35.7 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: 0.351 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

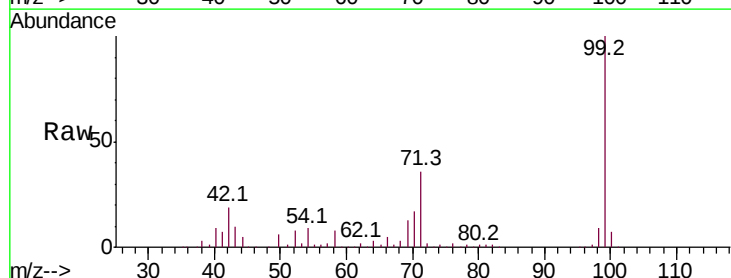
Tgt Ion: 77 Resp: 1230

Ion Ratio Lower Upper

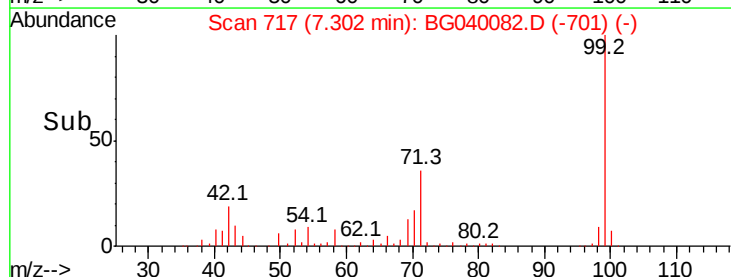
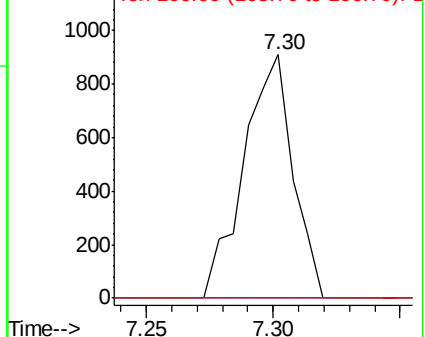
77 100

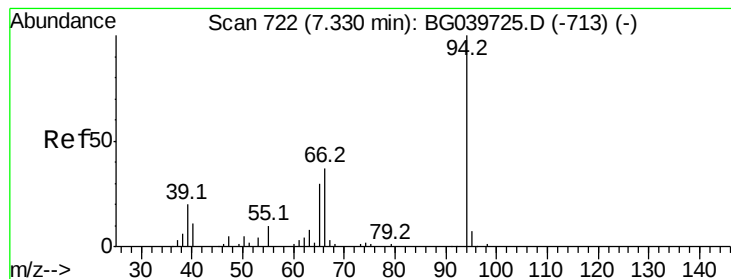
105 0.0 74.5 114.5#

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: 0.186 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.34 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampled :

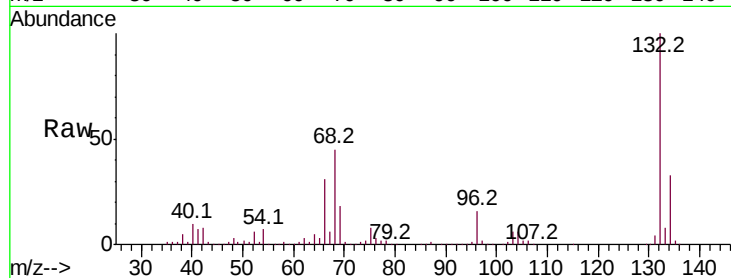
Tot Ion: 94 Resp: 1094

Ion Ratio Lower Upper

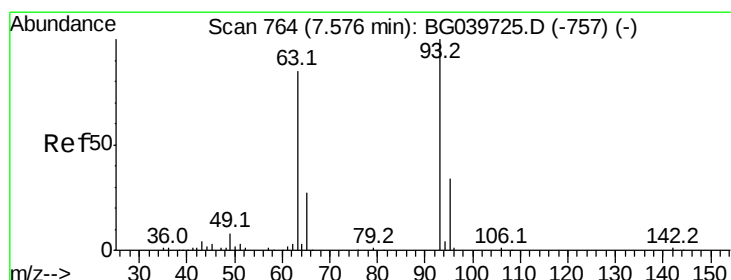
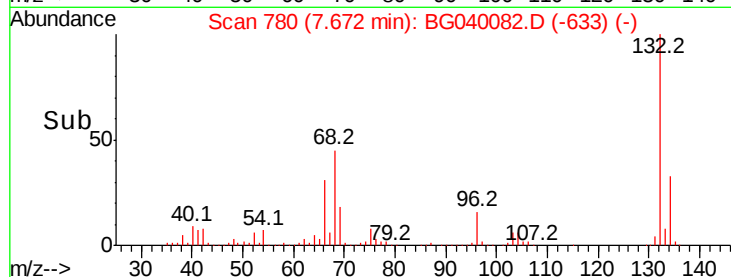
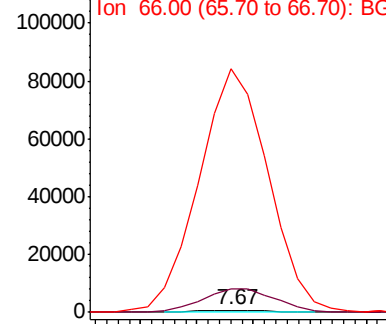
94 100

65 1172.1 11.7 51.7#

66 12289.6 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: 0.140 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.10 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

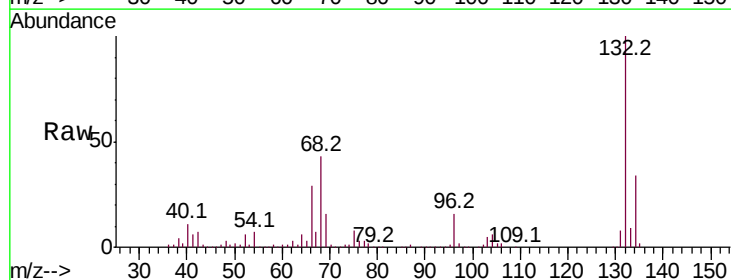
Tgt Ion: 93 Resp: 641

Ion Ratio Lower Upper

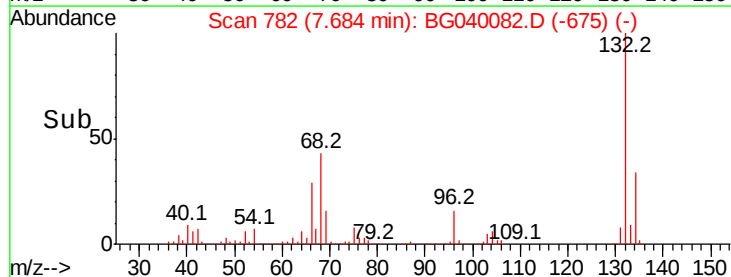
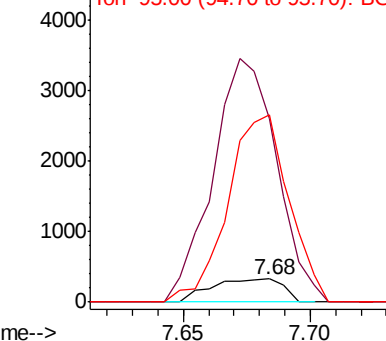
93 100

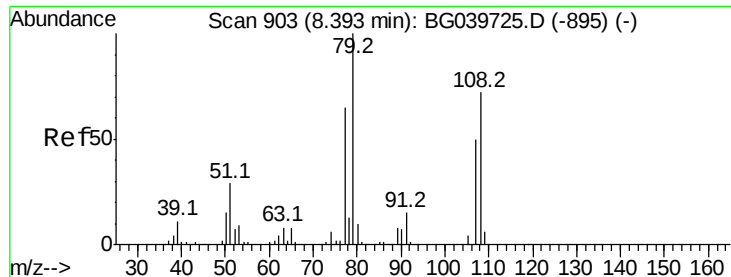
63 799.4 69.5 109.5#

95 816.9 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.422 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampled :

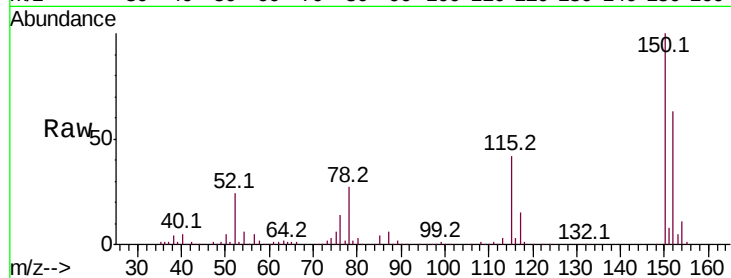
Tot Ion: 79 Resp: 6135

Ion Ratio Lower Upper

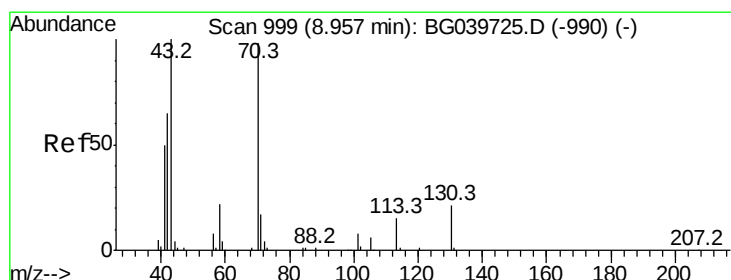
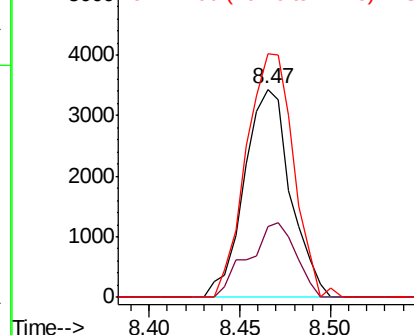
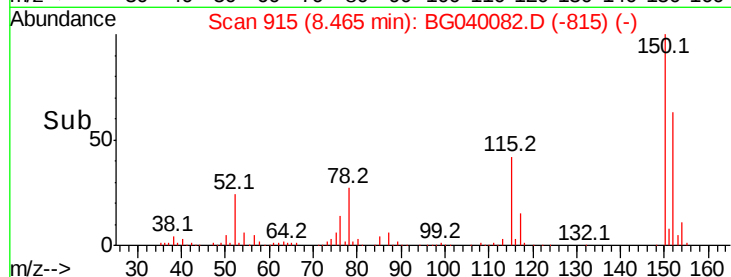
79 100

108 33.9 57.8 86.6#

77 116.9 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.241 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Tgt Ion: 70 Resp: 47904

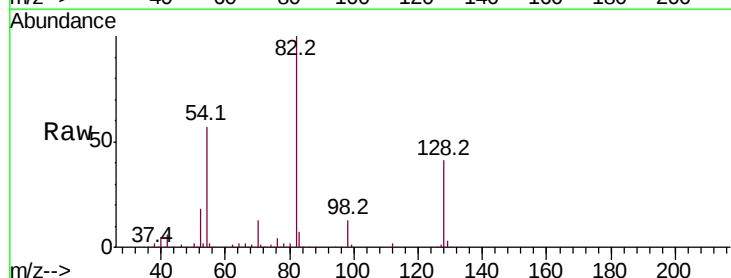
Ion Ratio Lower Upper

70 100

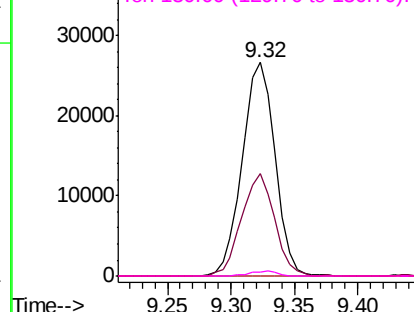
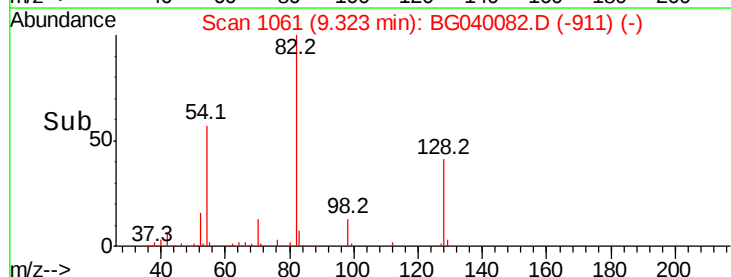
42 48.1 60.4 90.6#

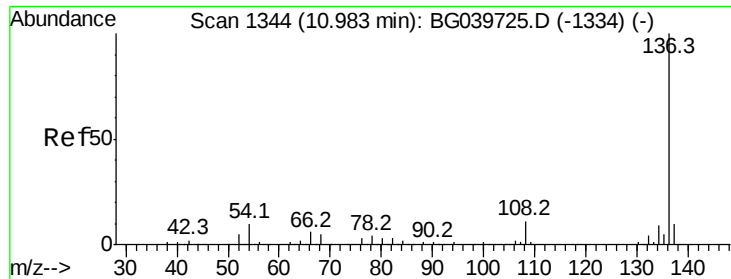
101 0.0 7.5 11.3#

130 2.1 16.9 25.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

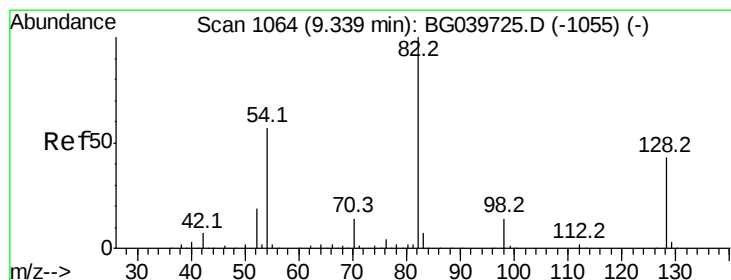
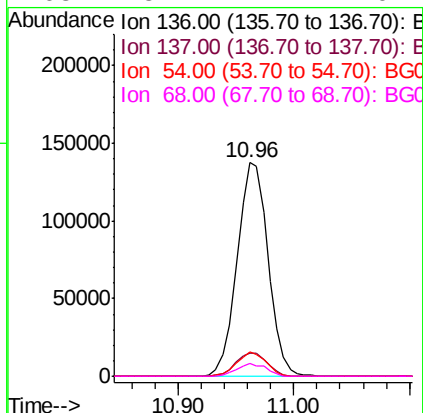
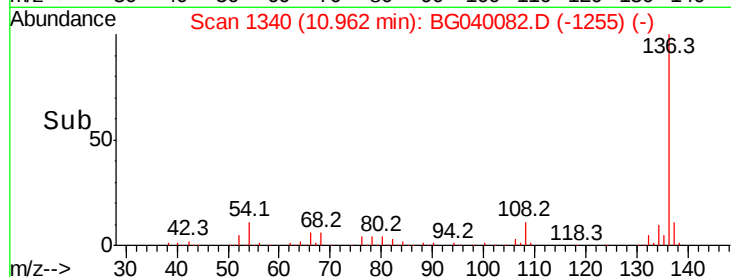
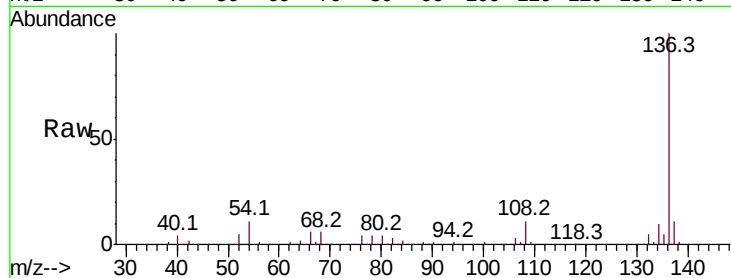




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

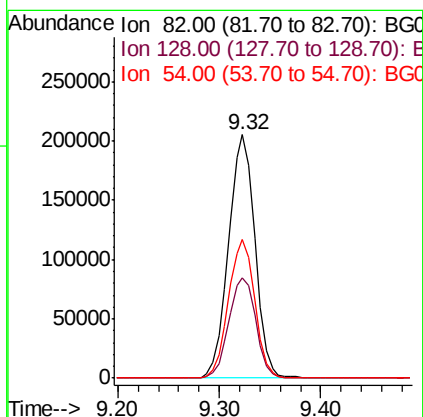
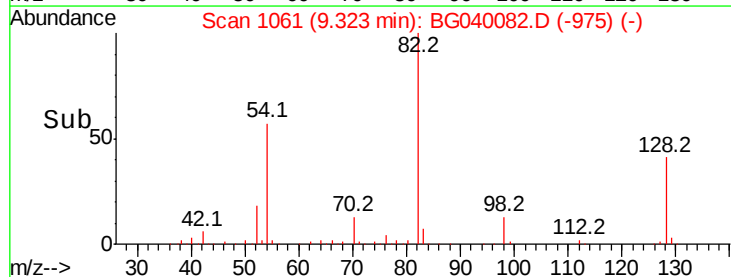
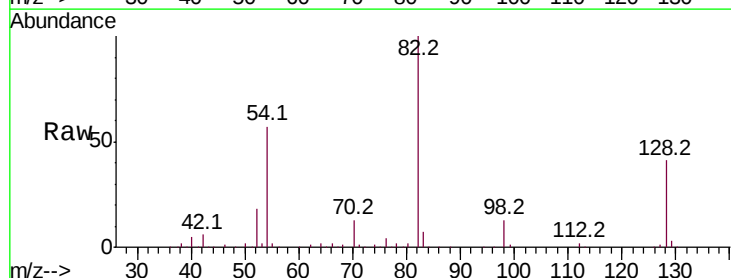
Instrument :
BNA_G
ClientSampleId :

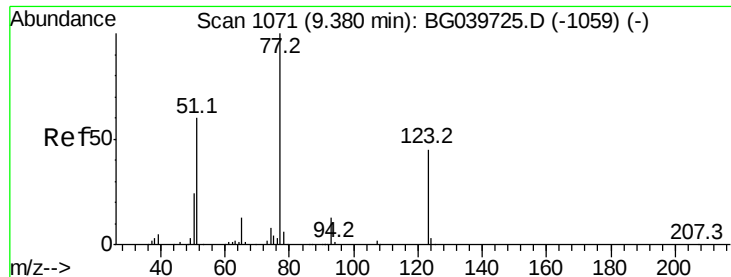
Tot Ion:	136	Resp:	254733
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.1	9.4	14.2
68	5.7	4.2	6.4



#23
Nitrobenzene-d5
Concen: 78.796 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion:	82	Resp:	371125
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	57.1	50.9	76.3

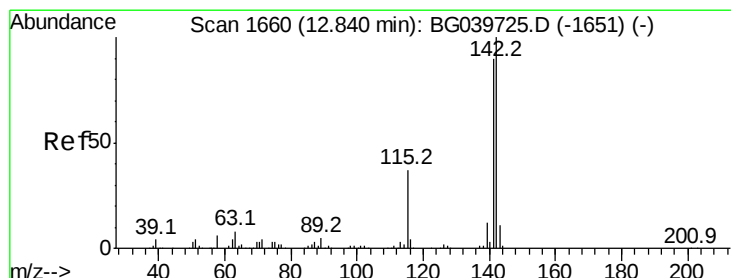
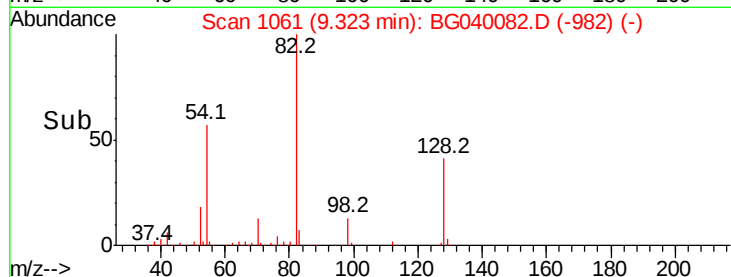
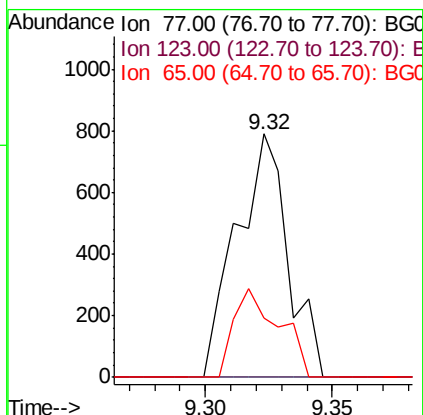
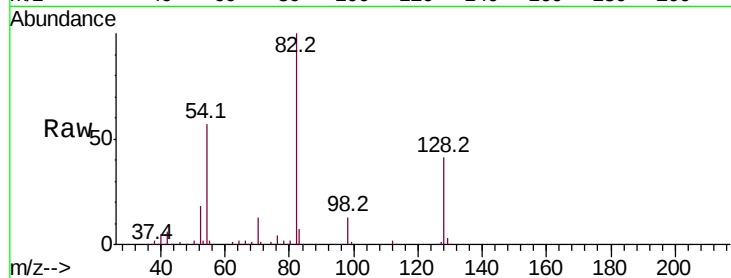




#24
Nitrobenzene
Concen: 0.226 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

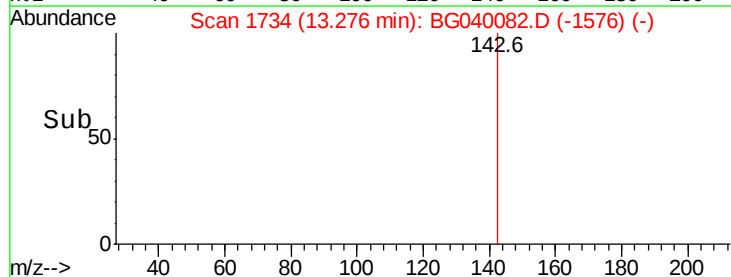
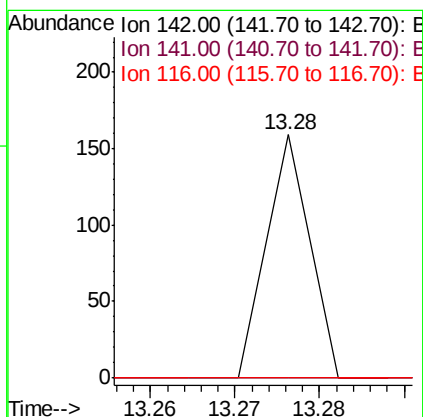
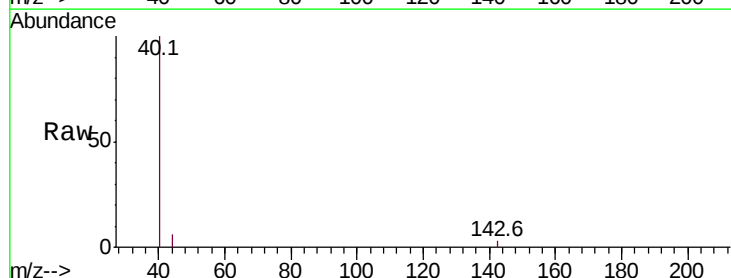
Instrument :
BNA_G
ClientSampleId :

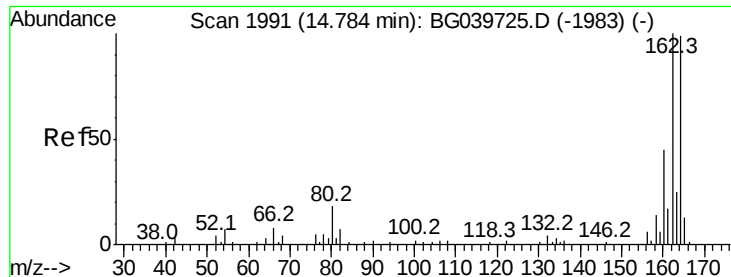
Tot Ion: 77 Resp: 1116
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 24.3 12.3 18.5#



#38
1-Methylnaphthalene
Concen: 0.006 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.43 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion: 142 Resp: 56
Ion Ratio Lower Upper
142 100
141 0.0 74.2 111.4#
116 0.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampled :

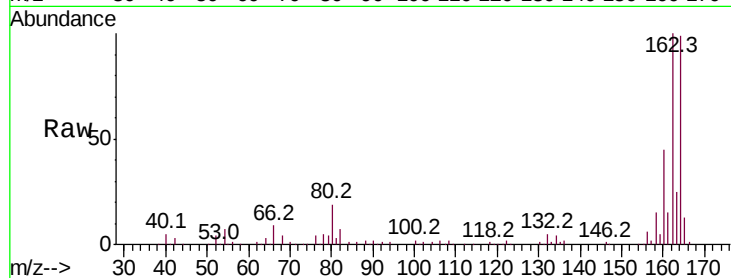
Tot Ion:164 Resp: 160023

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

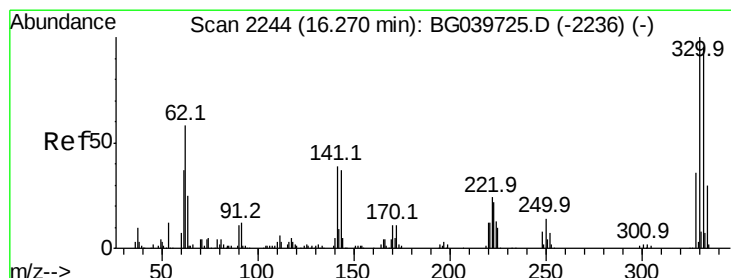
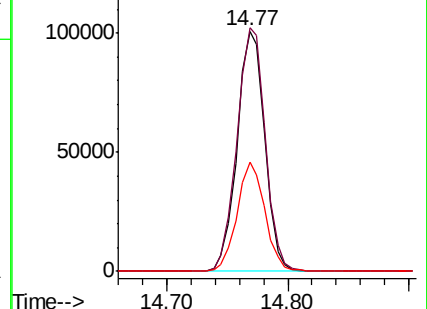
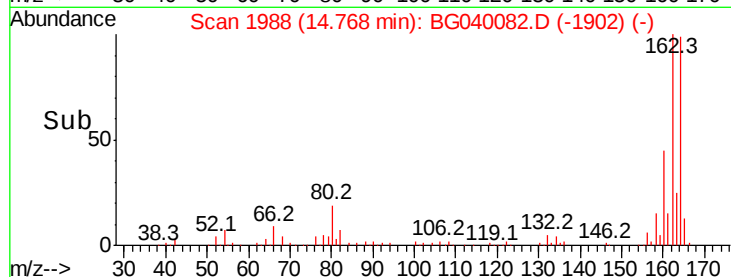
160 45.4 34.2 51.2



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: 111.217 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

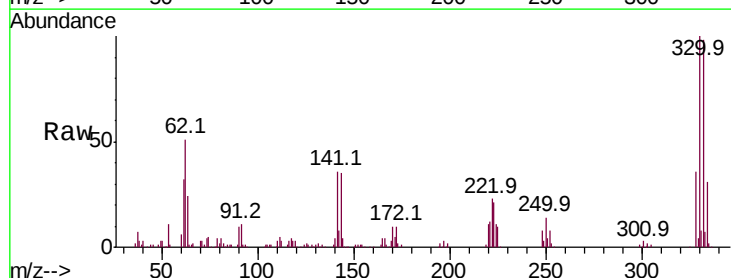
Tgt Ion:330 Resp: 207441

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

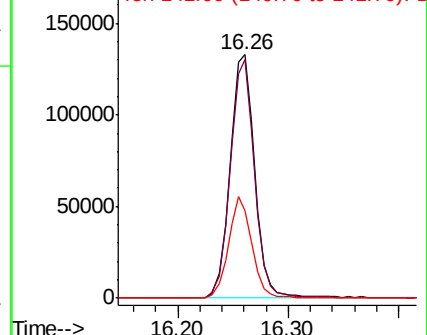
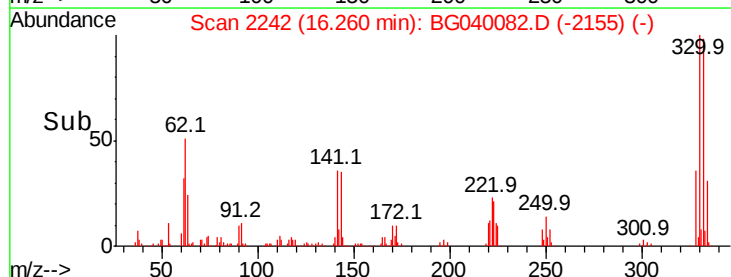
141 39.4 35.6 53.4

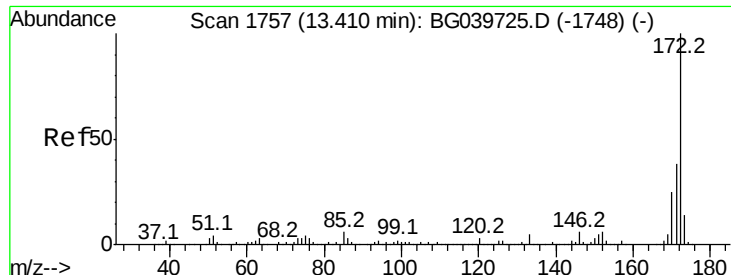


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

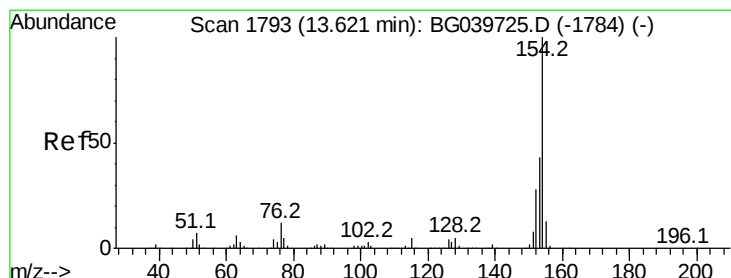
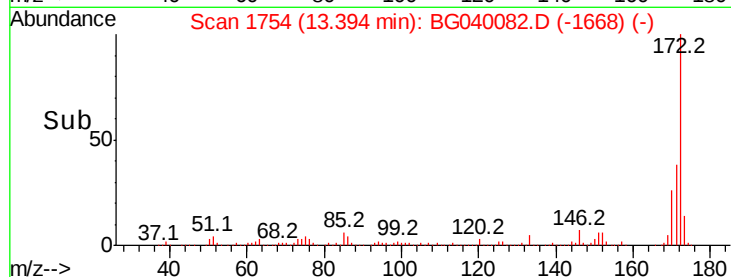
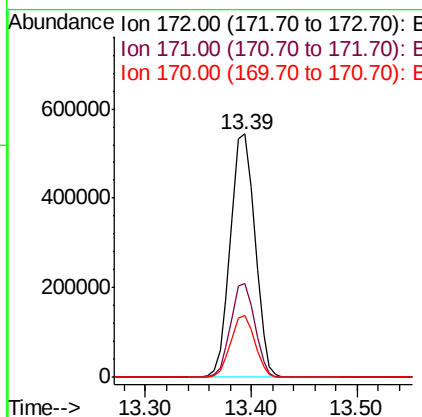
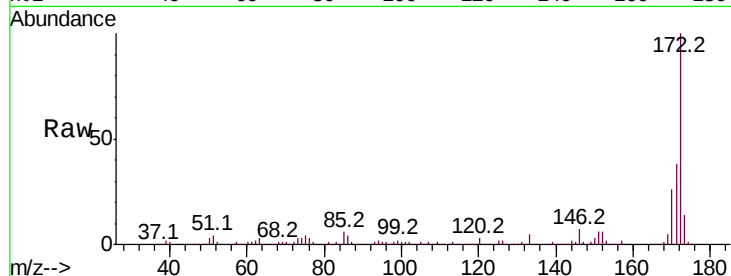




#45
 2-Fluorobiphenyl
 Concen: 77.674 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

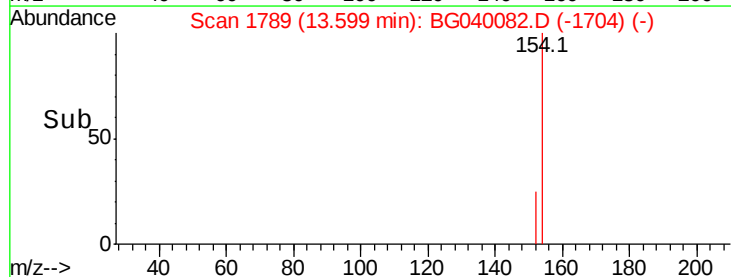
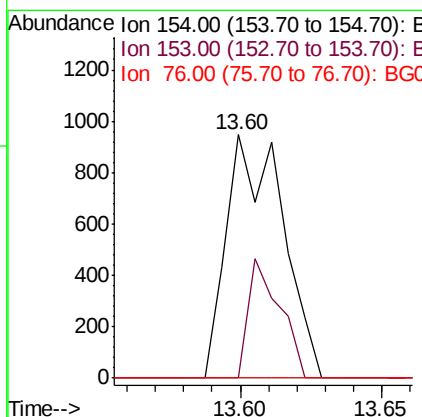
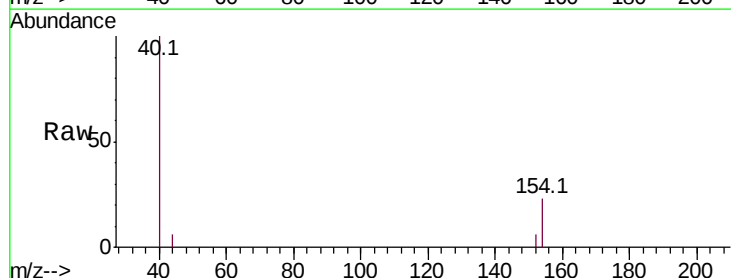
Instrument :
 BNA_G
 ClientSampleId :

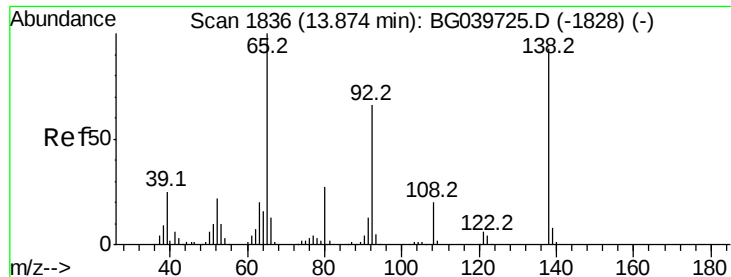
Tot Ion:172 Resp: 872969
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 25.6 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 0.099 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Tgt Ion:154 Resp: 1305
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.1 62.1#
 76 0.0 0.0 32.4

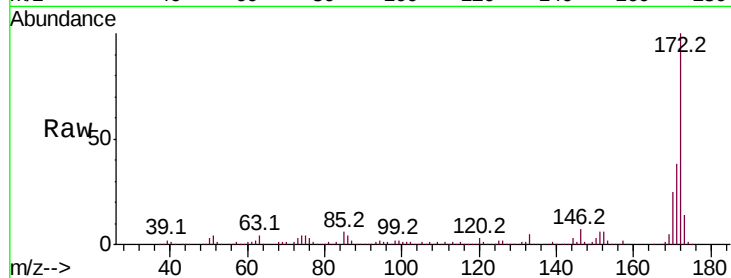




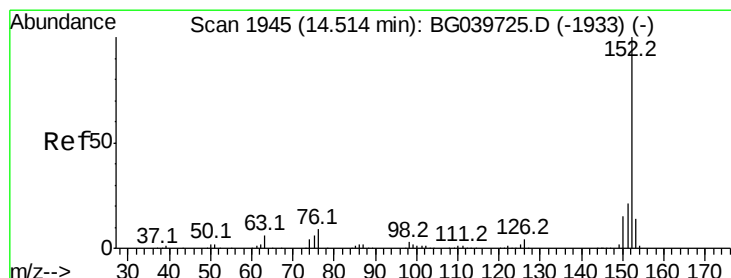
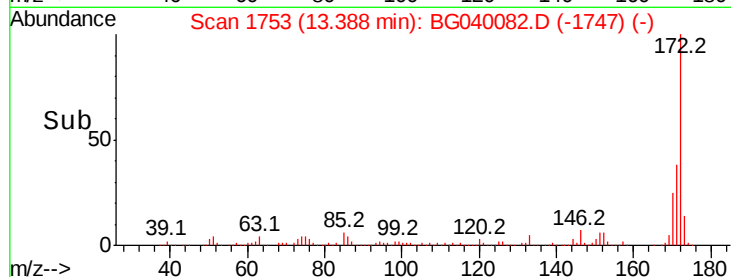
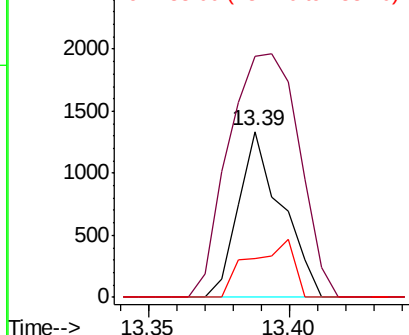
#48
2-Nitroaniline
Concen: 0.447 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.49 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 1422
Ion Ratio Lower Upper
65 100
92 145.3 51.4 77.2#
138 23.4 71.4 107.2#

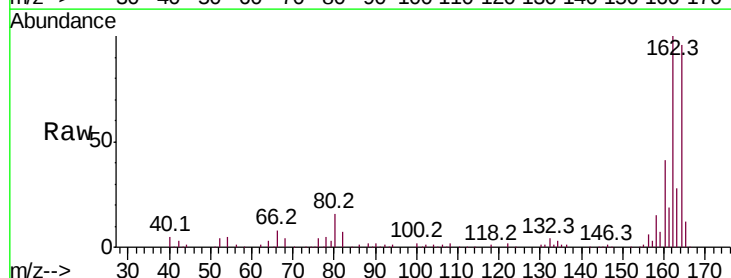


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

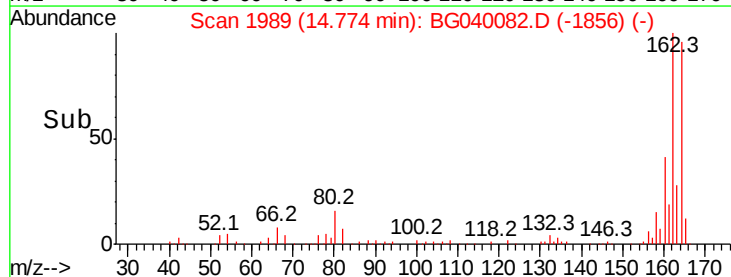
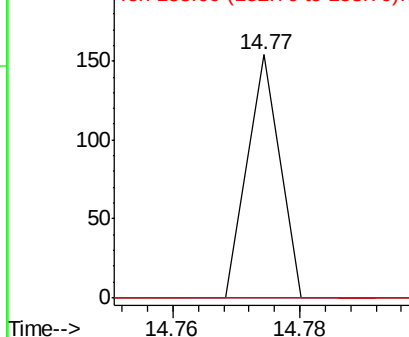


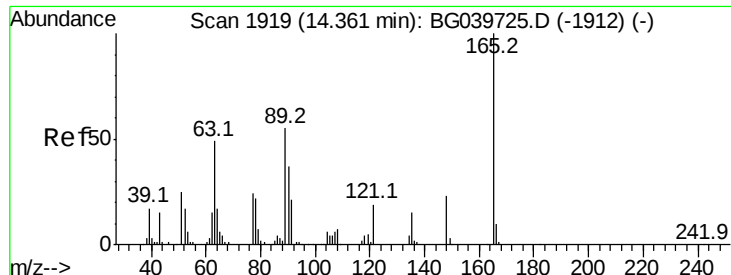
#49
Acenaphthylene
Concen: 0.003 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.25 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion: 152 Resp: 54
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

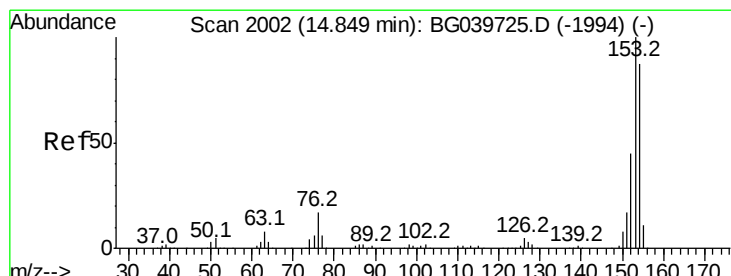
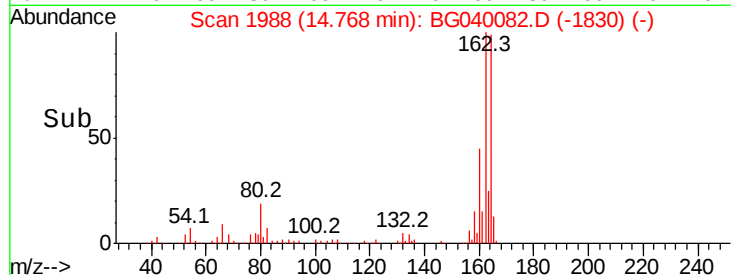
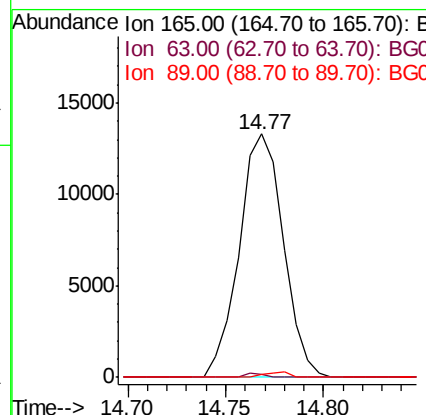
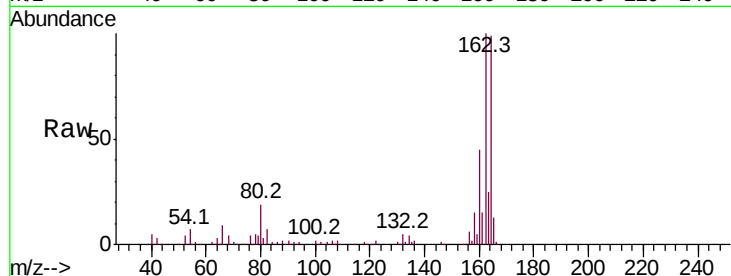




#51
 2,6-Dinitrotoluene
 Concen: 7.321 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

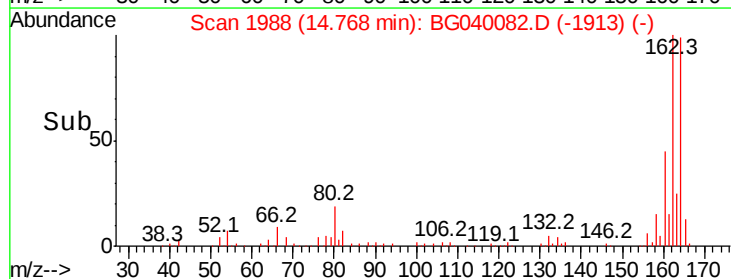
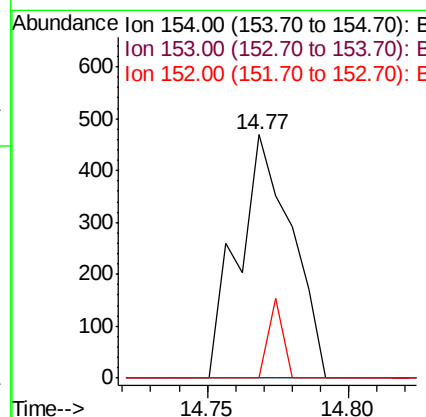
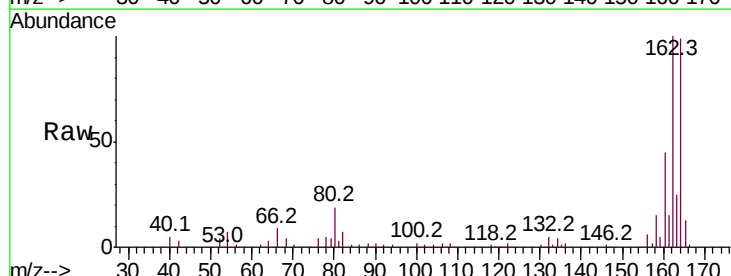
Instrument :
 BNA_G
 ClientSampleId :

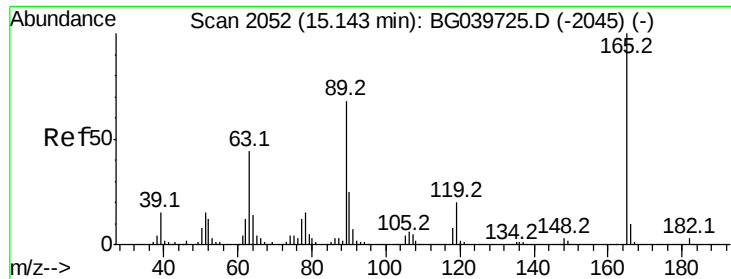
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.0	70.6#
89	1.3	45.8	68.8#



#52
 Acenaphthene
 Concen: 0.063 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.09 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	40.9	61.3#

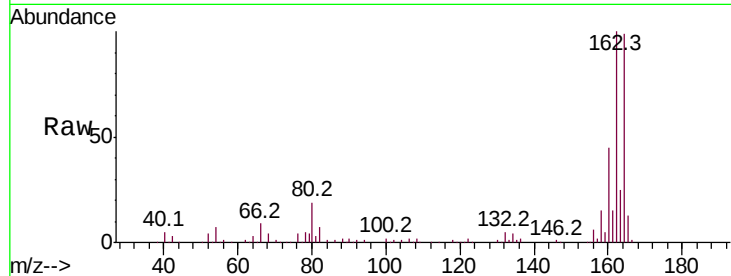




#57
2,4-Dinitrotoluene
Concen: 5.210 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	1.3	64.6	96.8#
182	0.0	2.0	3.0#



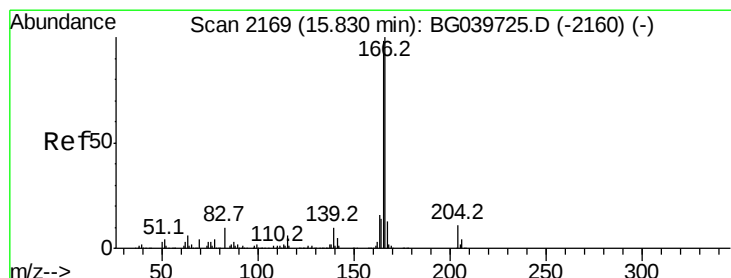
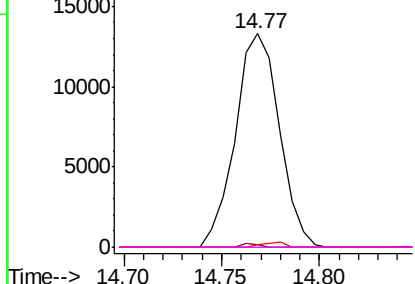
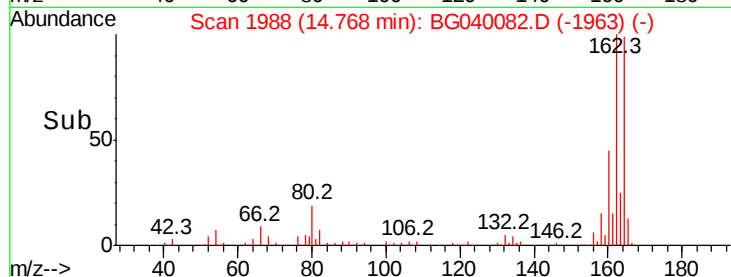
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

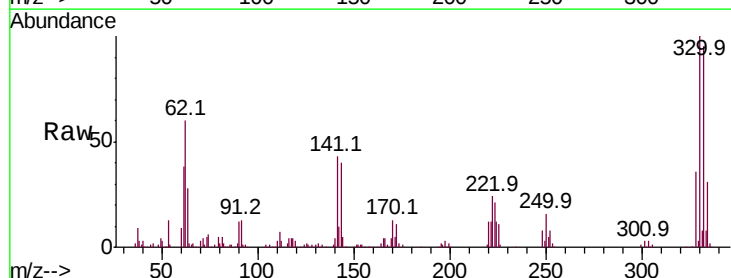
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.669 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.42 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.9	116.9
167	33.7	10.8	16.2#

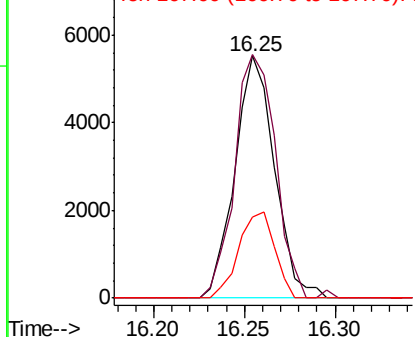
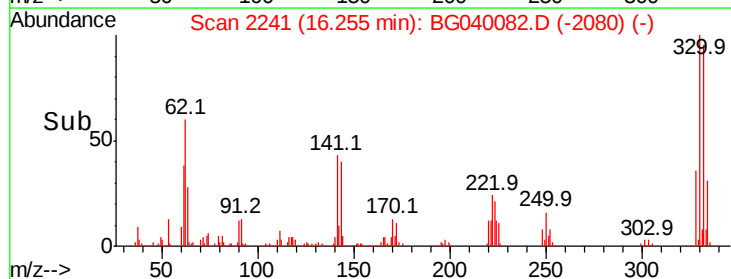


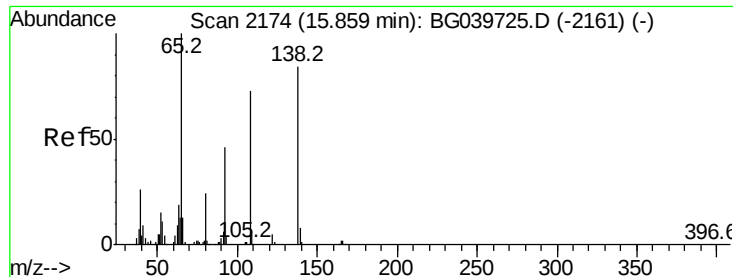
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

4-Nitroaniline

Concen: 0.025 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.39 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

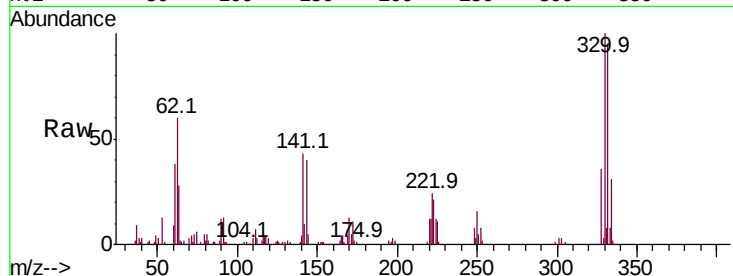
Tot Ion:138 Resp: 76

Ion Ratio Lower Upper

138 100

92 674.2 38.7 78.7#

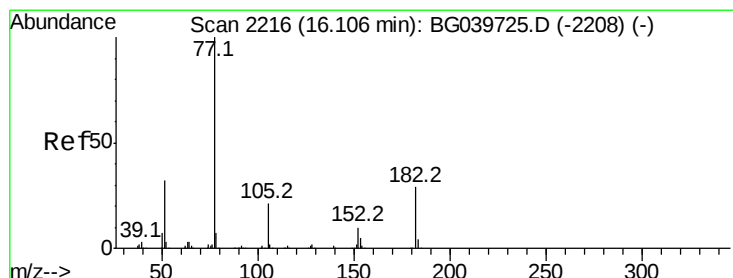
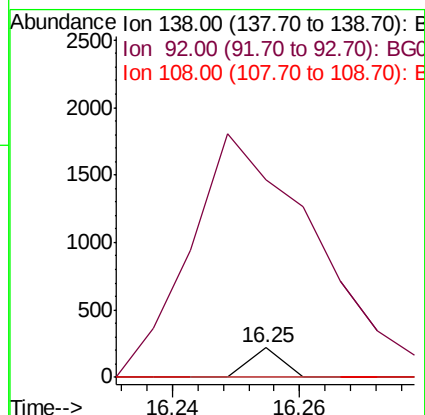
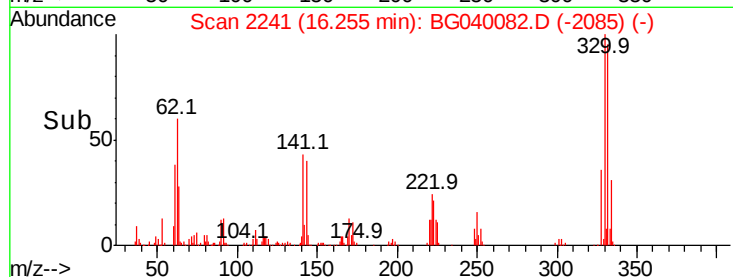
108 0.0 74.6 114.6#



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: 0.073 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.14 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Tgt Ion: 77 Resp: 879

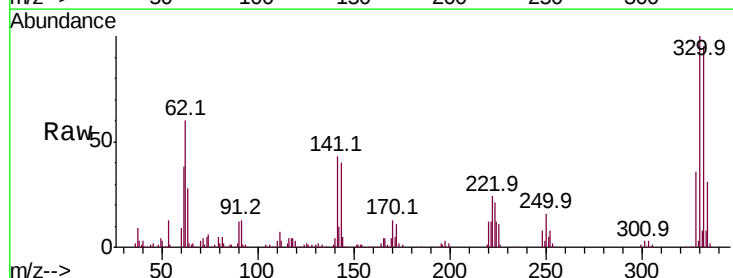
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 90.2 0.0 39.8#

51 88.0 14.1 54.1#

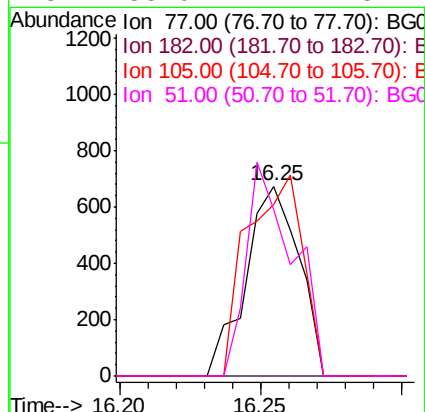
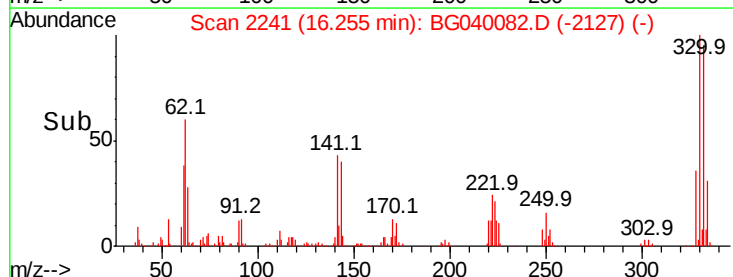


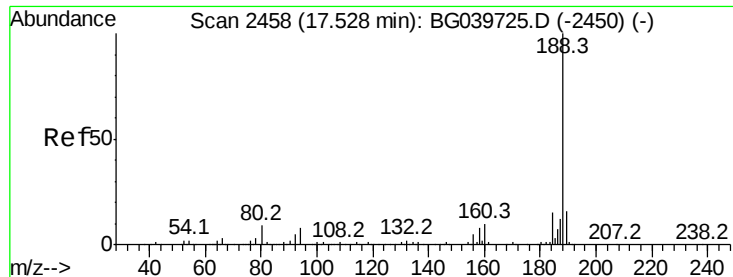
Abundance Ion 77.00 (76.70 to 77.70): BG

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

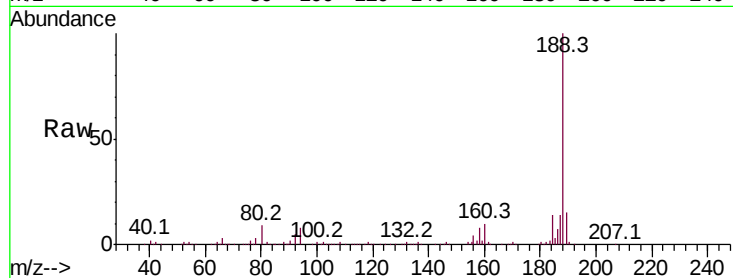
Tot Ion:188 Resp: 364455

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

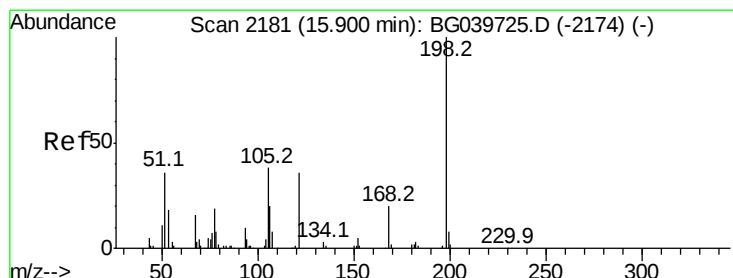
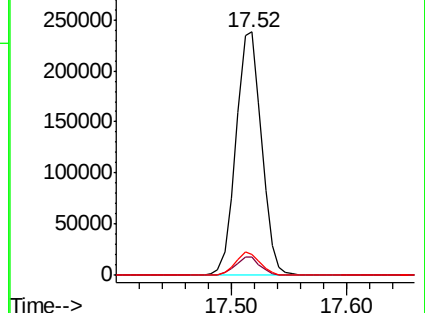
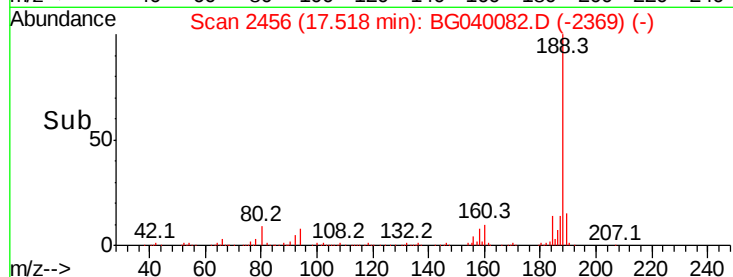
80 8.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.344 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.34 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

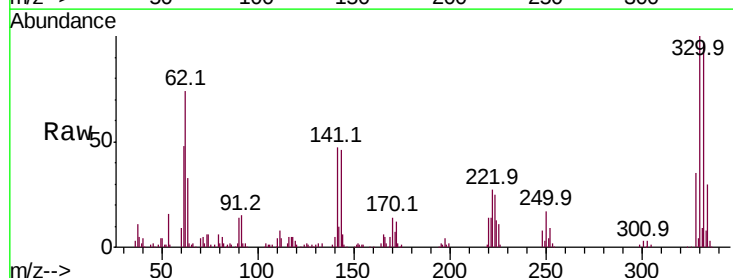
Tgt Ion:198 Resp: 742

Ion Ratio Lower Upper

198 100

51 129.1 27.4 67.4#

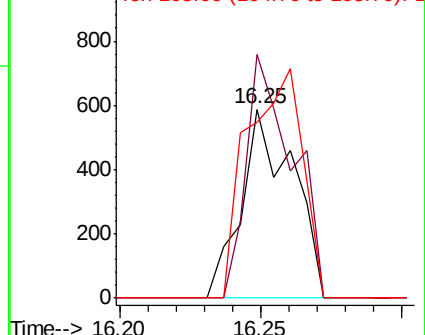
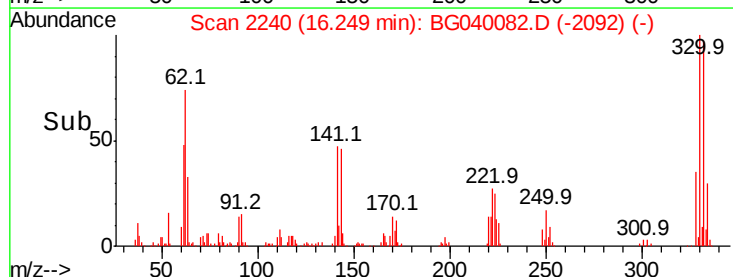
105 93.5 19.7 59.7#

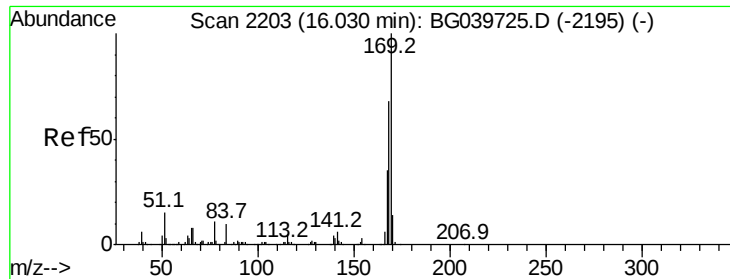


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

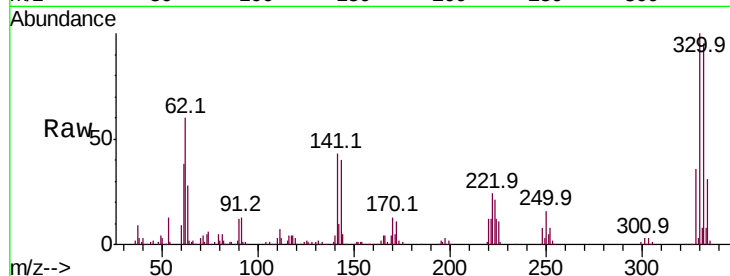




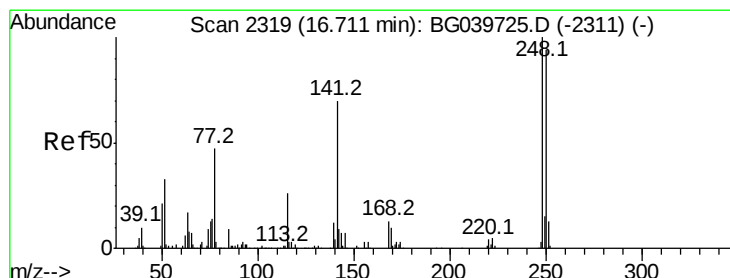
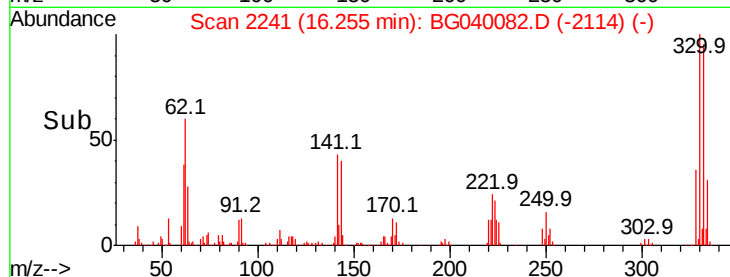
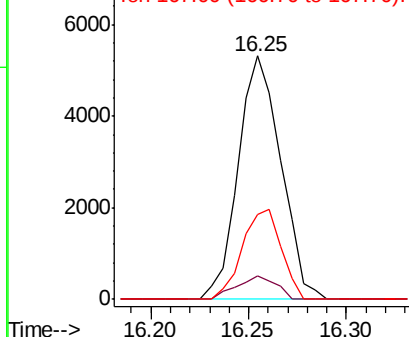
#66
 n-Nitrosodiphenylamine
 Concen: 0.762 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 8041
 Ion Ratio Lower Upper
 169 100
 168 9.6 56.6 85.0#
 167 35.0 28.8 43.2

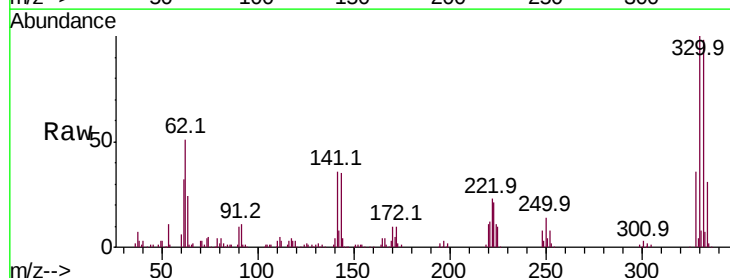


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

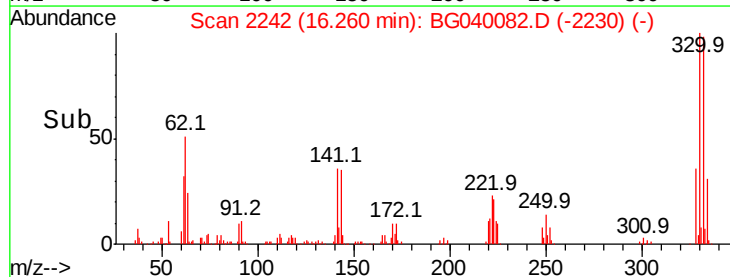
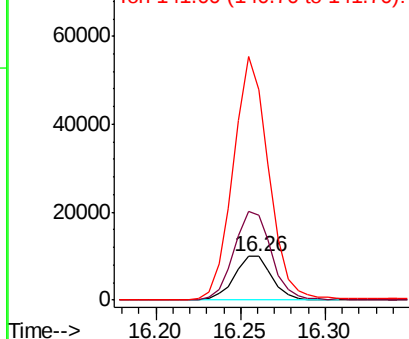


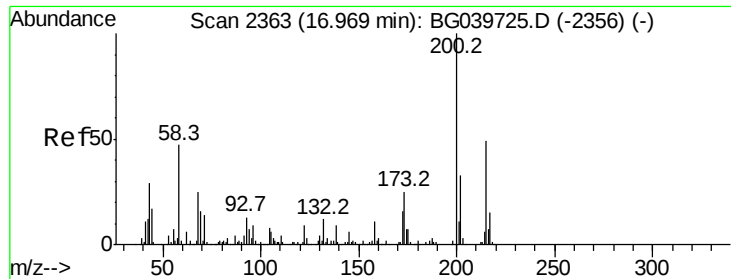
#67
 4-Bromophenyl-phenylether
 Concen: 3.769 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Tgt Ion:248 Resp: 15376
 Ion Ratio Lower Upper
 248 100
 250 193.0 77.6 116.4#
 141 479.9 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





#69

Atrazine

Concen: 0.016 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampled :

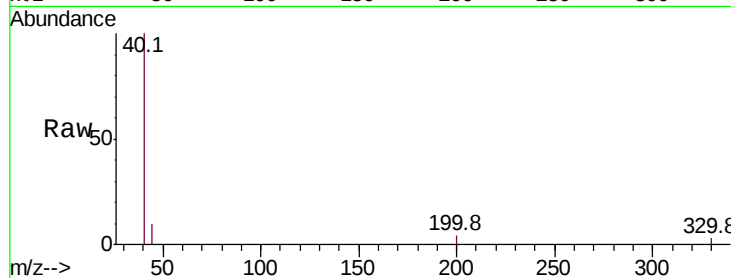
Tot Ion:200 Resp: 66

Ion Ratio Lower Upper

200 100

173 0.0 3.9 43.9#

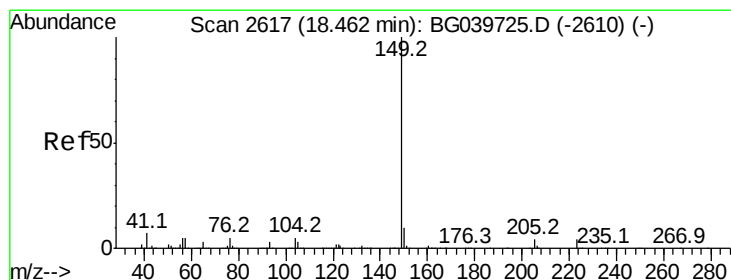
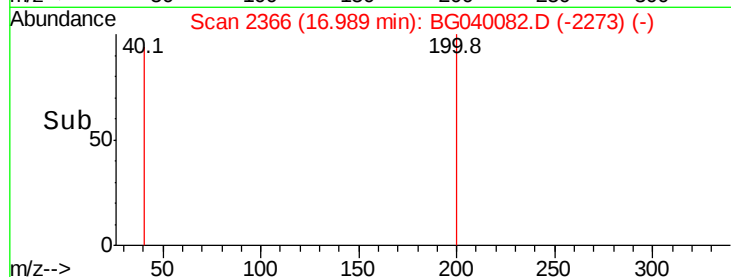
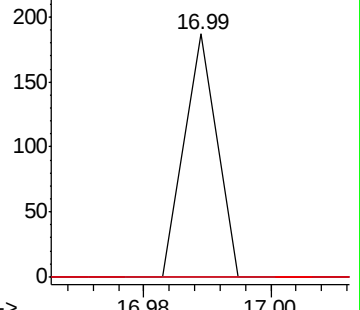
215 0.0 30.9 70.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74

Di-n-butylphthalate

Concen: 0.003 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

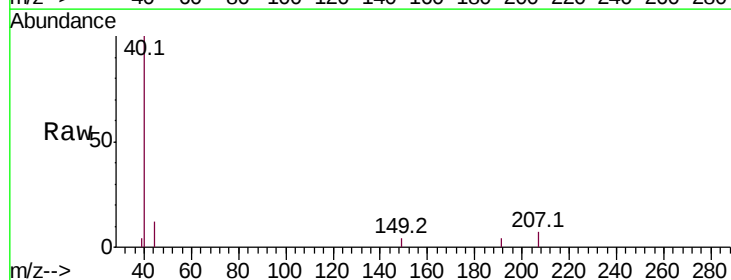
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

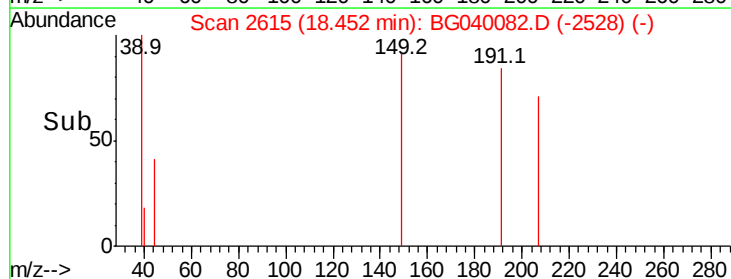
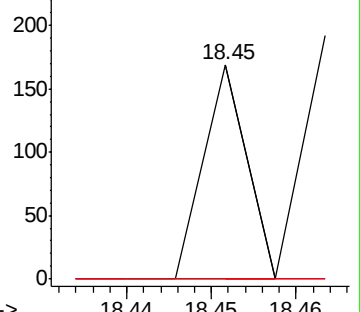
104 0.0 4.5 6.7#

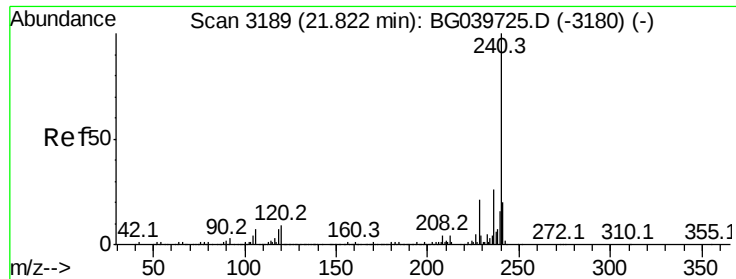


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

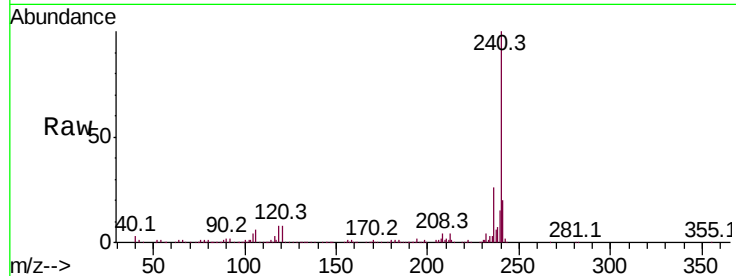
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 318908

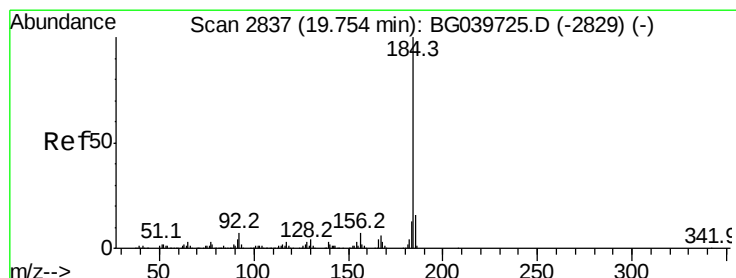
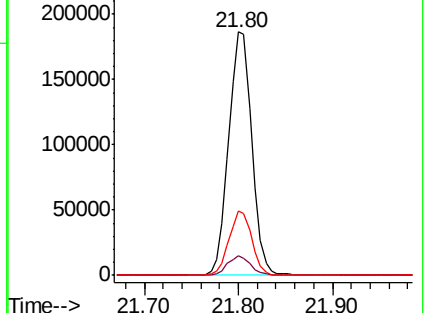
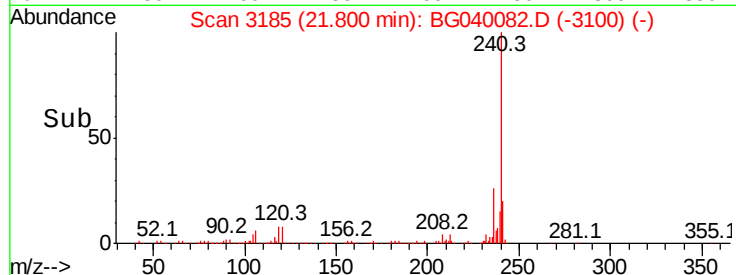
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.2	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.891 ng

RT: 20.11 min Scan# 2897

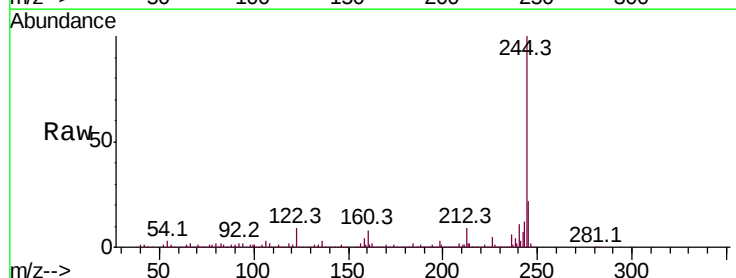
Delta R.T. 0.35 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Tgt Ion:184 Resp: 19137

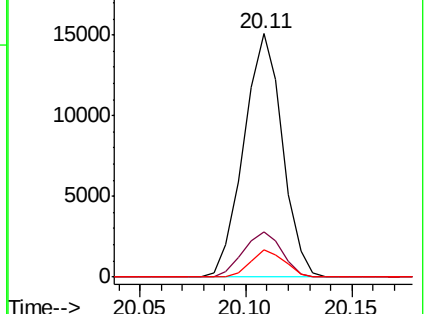
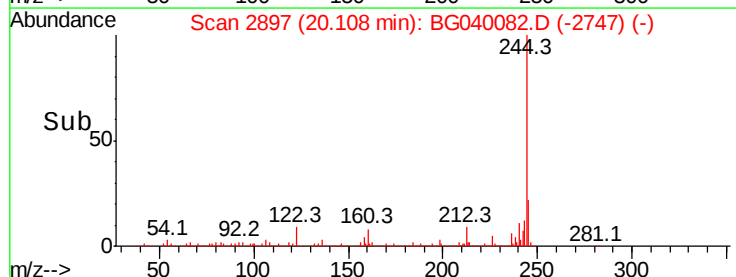
Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.2	18.2#
183	11.3	10.6	15.8

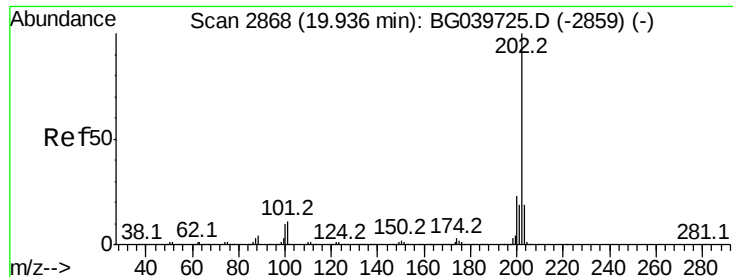


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

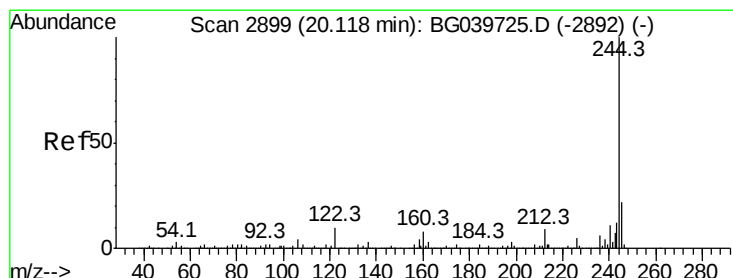
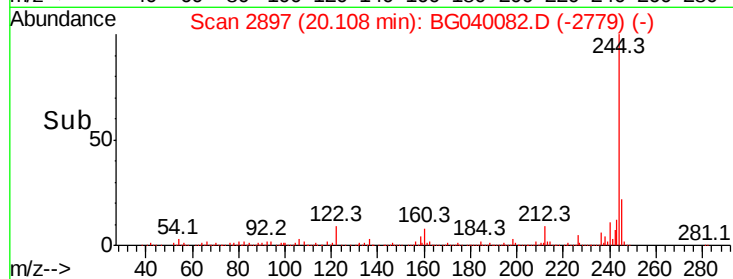
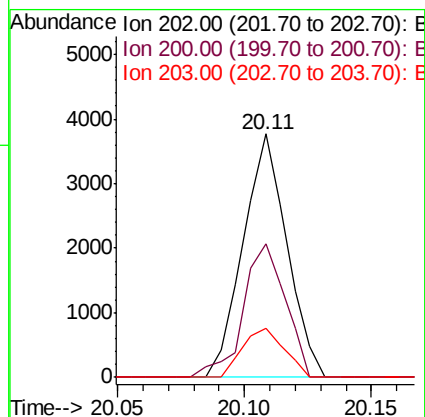
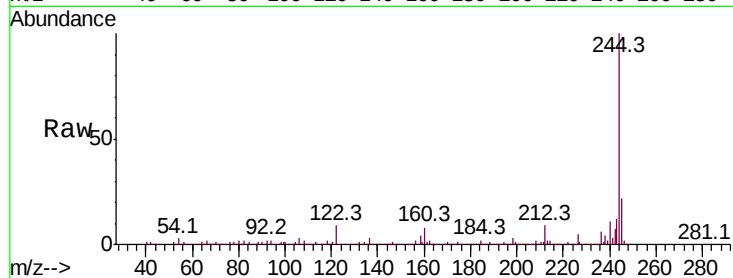




#78
Pvrene
Concen: 0.219 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.17 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

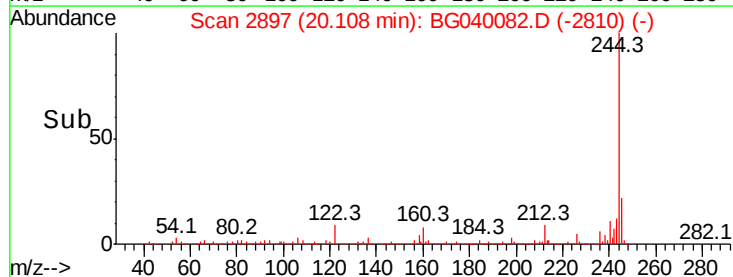
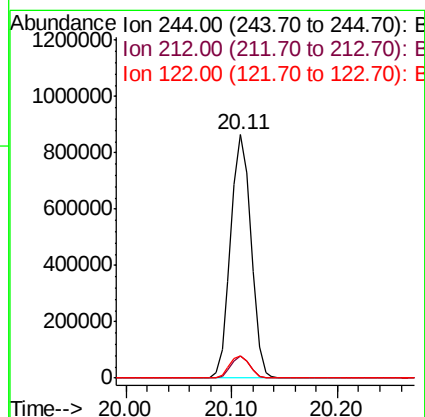
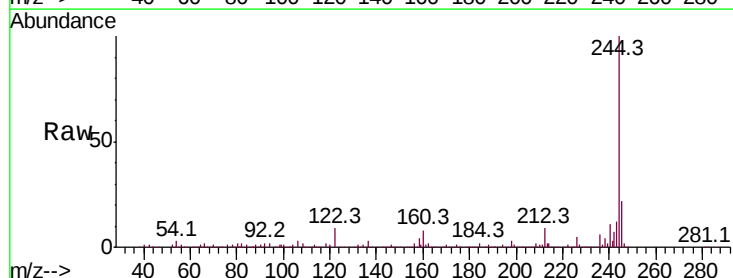
Instrument :
BNA_G
ClientSampleId :

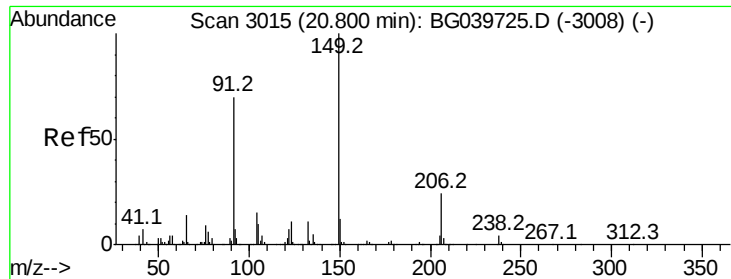
Tot Ion:202 Resp: 4532
Ion Ratio Lower Upper
202 100
200 54.8 17.8 26.8#
203 20.3 15.3 22.9



#79
Terphenyl-d14
Concen: 79.502 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion:244 Resp: 1151504
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 9.4 8.4 12.6

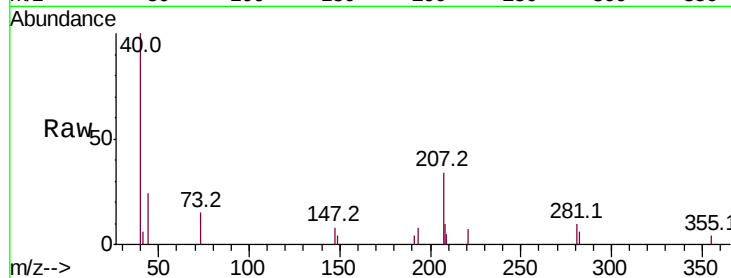




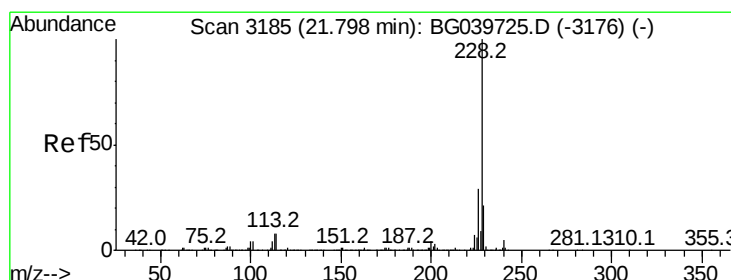
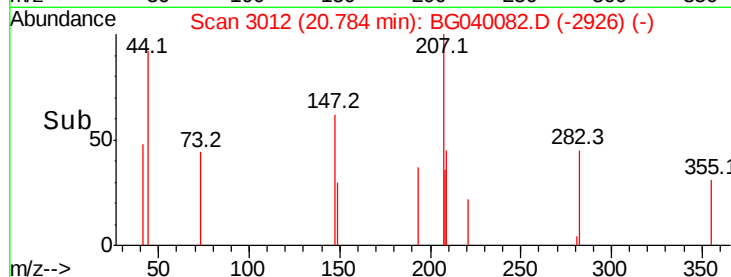
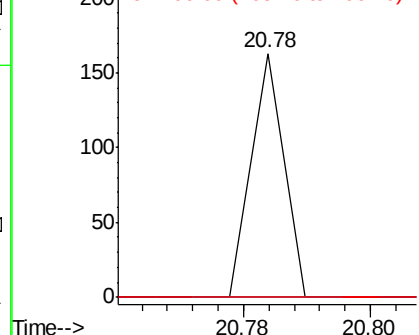
#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.78 min Scan# 3012
Delta R.T. -0.02 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 57
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#

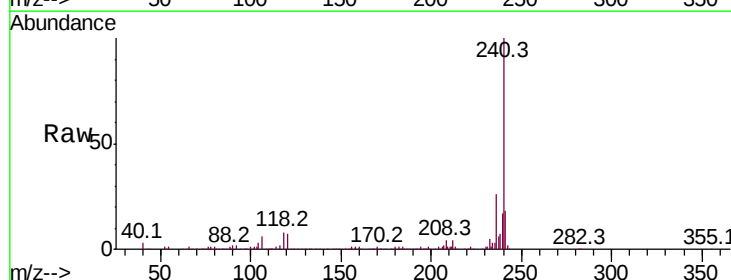


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

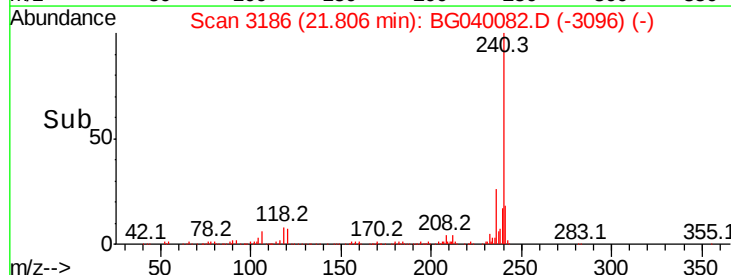
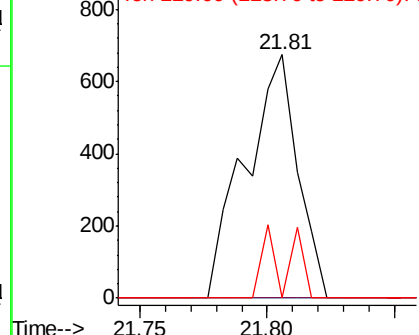


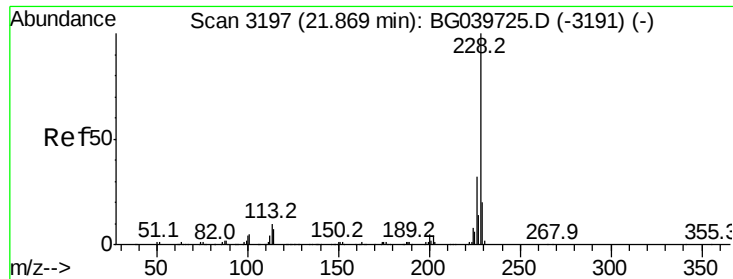
#81
Benzo(a)anthracene
Concen: 0.049 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion:228 Resp: 972
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 0.0 16.9 25.3#



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





#83

Chrysene

Concen: 0.050 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.07 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

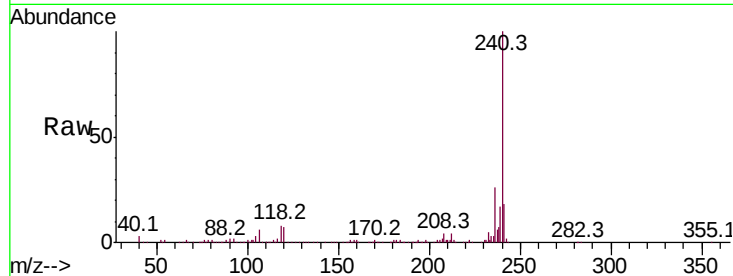
Tot Ion:228 Resp: 972

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

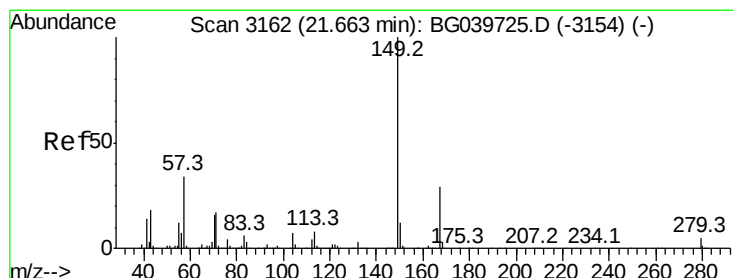
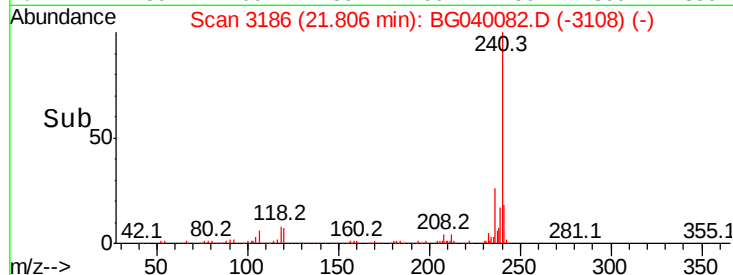
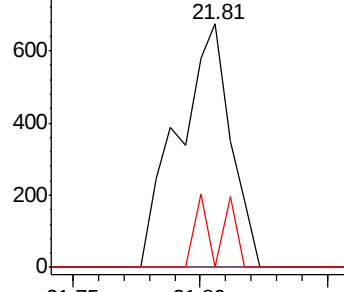
229 0.0 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.006 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

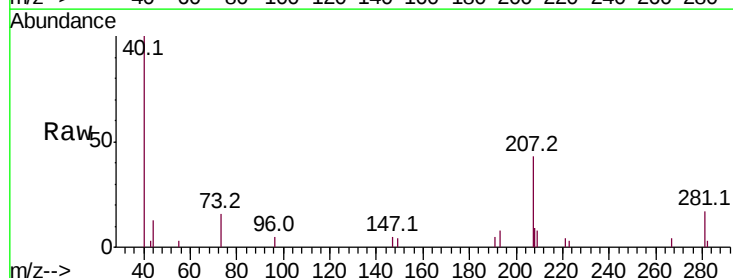
Tgt Ion:149 Resp: 70

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

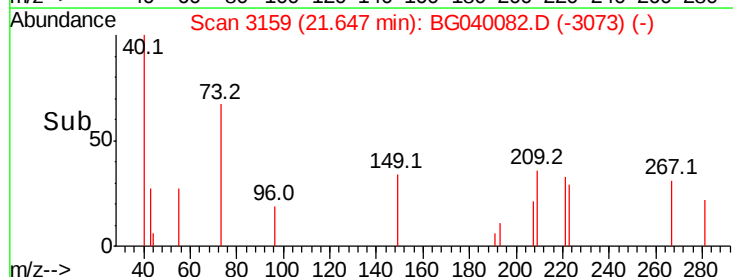
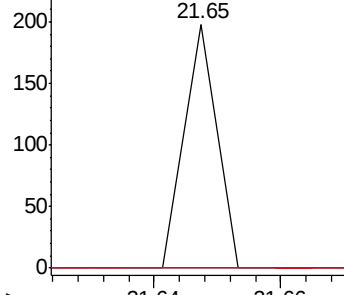
279 0.0 3.5 5.3#

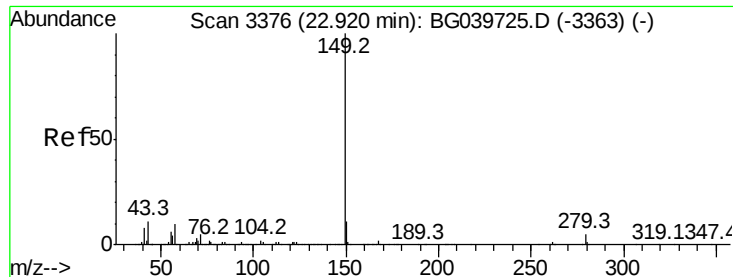


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

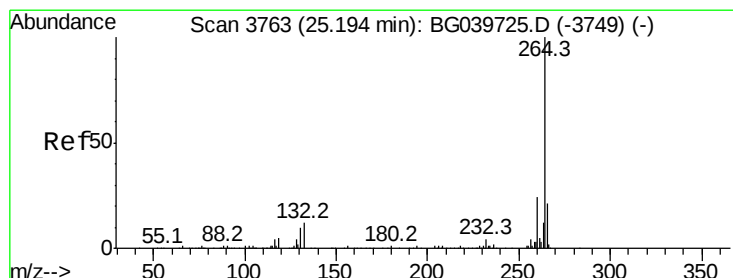
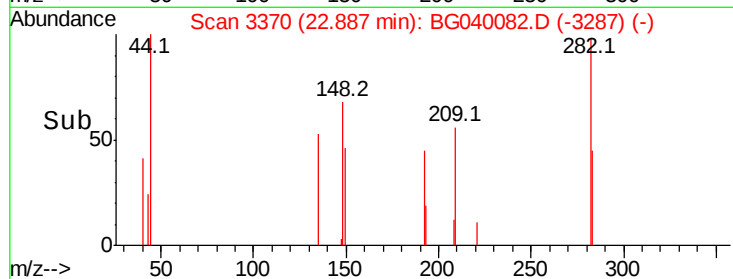
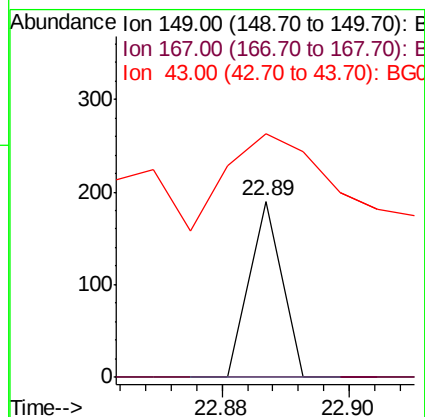
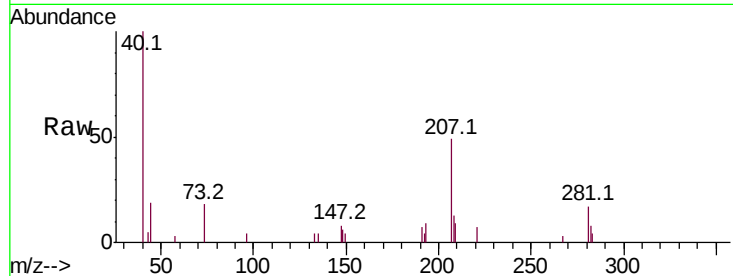




#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

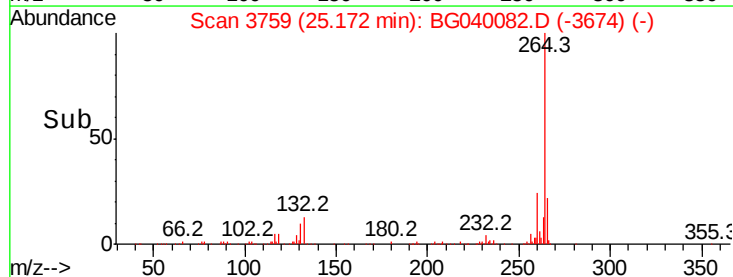
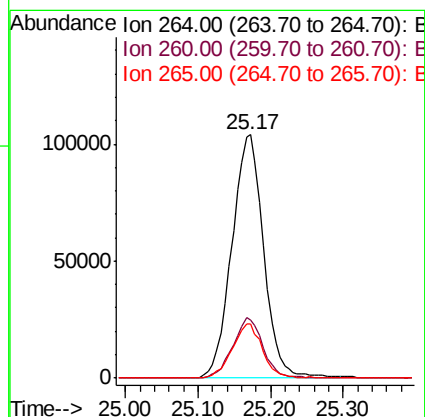
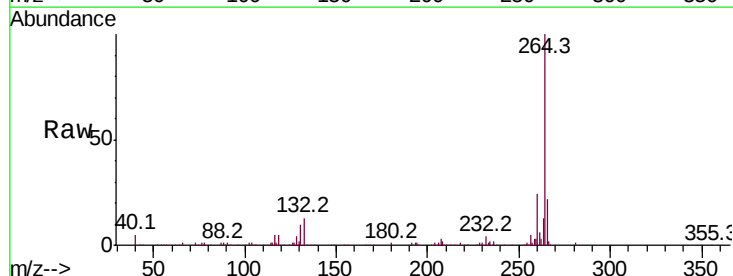
Instrument :
BNA_G
ClientSampled :

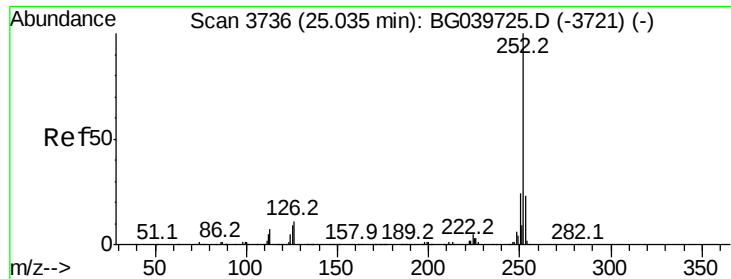
Tot Ion:149 Resp: 67
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 679.1 10.2 15.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG040082.D
Acq: 22 Mar 2019 14:14

Tgt Ion:264 Resp: 316079
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 22.1 18.5 27.7





#90

Benzo(a)pyrene

Concen: 0.068 ng

RT: 25.18 min Scan# 3760

Delta R.T. 0.14 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1176

Ion Ratio Lower Upper

252 100

253 40.1 17.9 26.9#

125 0.0 8.3 12.5#

