

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040121.D
 Acq On : 25 Mar 2019 17:32
 Operator : JU/SJ
 Sample : PB118239BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118239BL

Quant Time: Mar 26 02:53:48 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	33764	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	145157	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	105543	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	279665	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	297175	20.00	ng	-0.03
87) Perylene-d12	25.15	264	290402	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	221380	111.86	ng	-0.02
7) Phenol-d6	7.29	99	319630	108.31	ng	-0.02
23) Nitrobenzene-d5	9.32	82	185878	69.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	141699	115.19	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	501215	67.62	ng	-0.03
79) Terphenyl-d14	20.10	244	940200	69.66	ng	-0.02

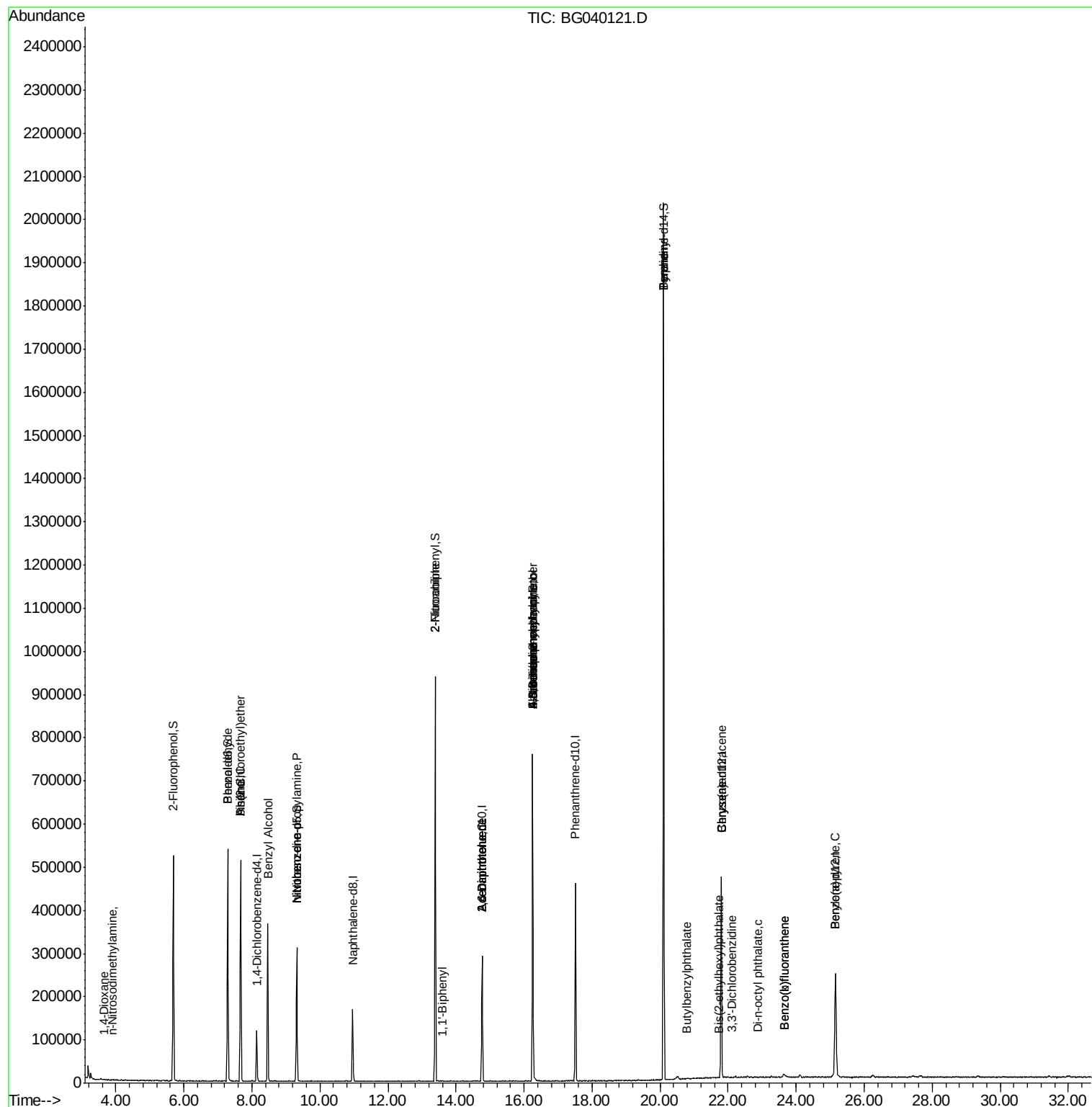
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.67	88	60	0.066	ng	# 14
4) n-Nitrosodimethylamine	3.89	42	53	0.046	ng	# 1
6) Aniline	7.67	93	364	0.094	ng	# 1
9) Benzaldehyde	7.29	77	448	0.235	ng	# 4
10) Phenol	7.67	94	622	0.195	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	364	0.146	ng	# 1
15) Benzyl Alcohol	8.46	79	2891	1.235	ng	# 55
19) n-Nitroso-di-n-propylamine	9.32	70	24685	11.622	ng	# 64
24) Nitrobenzene	9.32	77	507	0.180	ng	# 20
46) 1,1'-Biphenyl	13.61	154	903	0.104	ng	# 91
48) 2-Nitroaniline	13.39	65	648	0.309	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	13567	7.251	ng	# 25
52) Acenaphthene	14.77	154	348	0.054	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	13567	5.161	ng	# 20
58) Fluorene	16.25	166	6024	0.724	ng	# 91
63) Azobenzene	16.25	77	671	0.085	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.25	198	435	0.263	ng	# 54
66) n-Nitrosodiphenylamine	16.25	169	5708	0.705	ng	# 50
67) 4-Bromophenyl-phenylether	16.25	248	11330	3.619	ng	# 1
77) Benzidine	20.10	184	15373	1.630	ng	# 93
78) Pyrene	20.10	202	3475	0.180	ng	# 57
80) Butylbenzylphthalate	20.79	149	54	0.007	ng	# 22
81) Benzo(a)anthracene	21.80	228	703	0.038	ng	# 50
82) 3,3'-Dichlorobenzidine	22.10	252	53	0.008	ng	# 26
83) Chrysene	21.80	228	703	0.039	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.74	149	54	0.005	ng	# 52
85) Di-n-octyl phthalate	22.86	149	115	0.007	ng	# 71
88) Benzo(b)fluoranthene	23.66	252	62	0.004	ng	# 60
89) Benzo(k)fluoranthene	23.66	252	62	0.004	ng	# 59
90) Benzo(a)pyrene	25.15	252	1244	0.078	ng	# 73

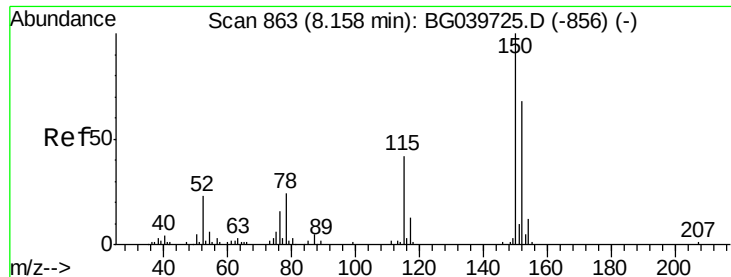
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

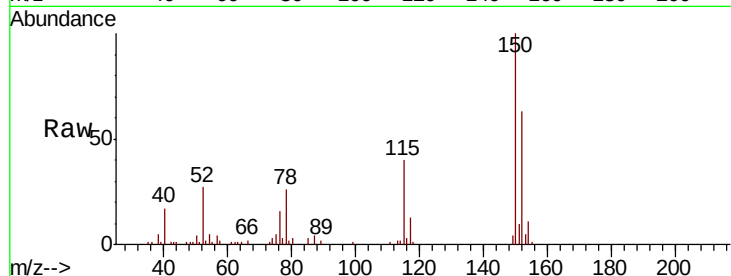
Tgt Ion:152 Resp: 33764

Ion Ratio Lower Upper

152 100

150 157.8 123.7 185.5

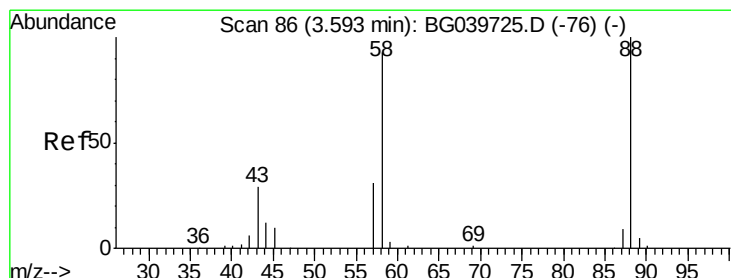
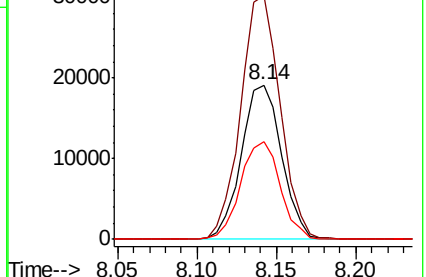
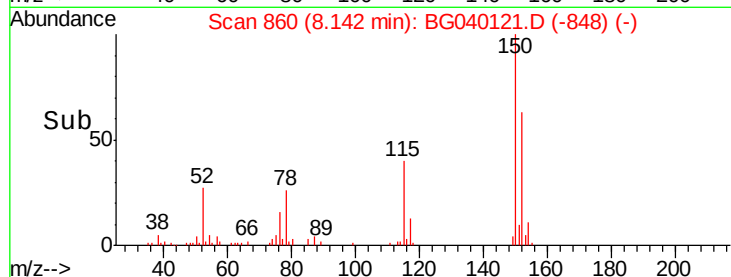
115 62.9 45.9 68.9



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: 0.066 ng

RT: 3.67 min Scan# 98

Delta R.T. 0.06 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

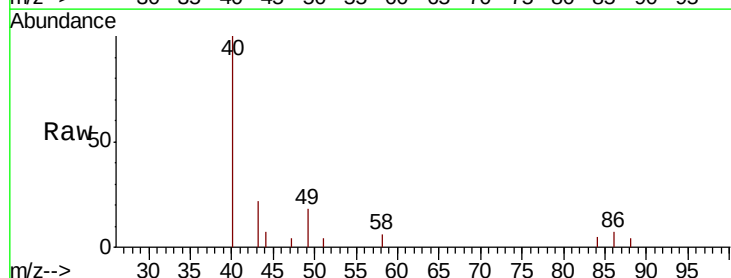
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

58 196.7 81.1 121.7#

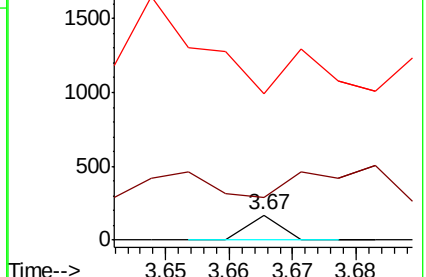
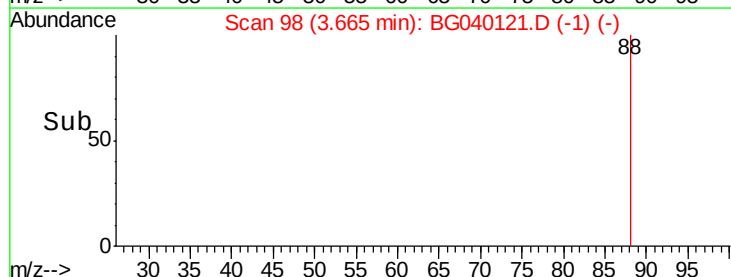
43 0.0 31.4 47.0#

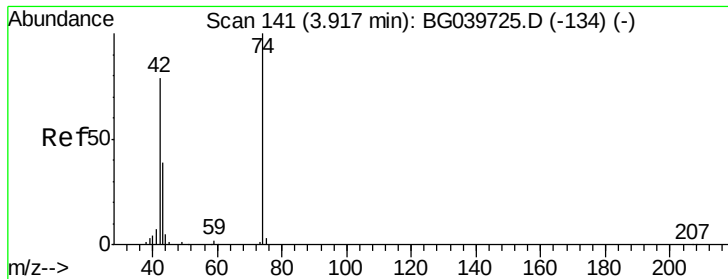


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



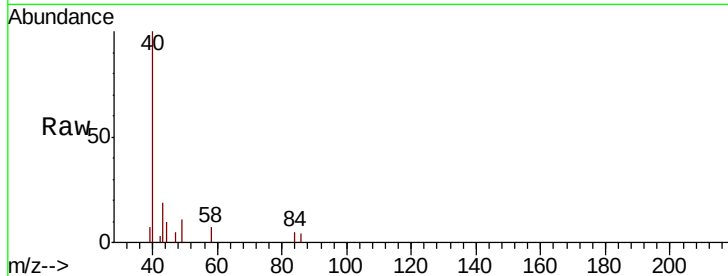


#4

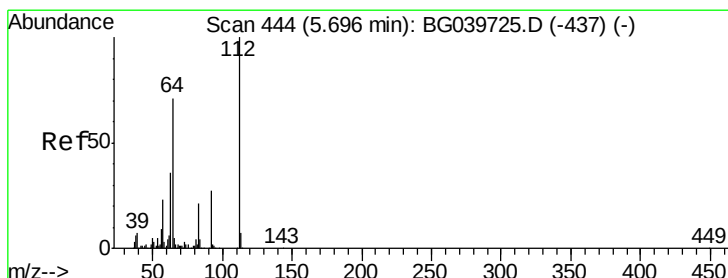
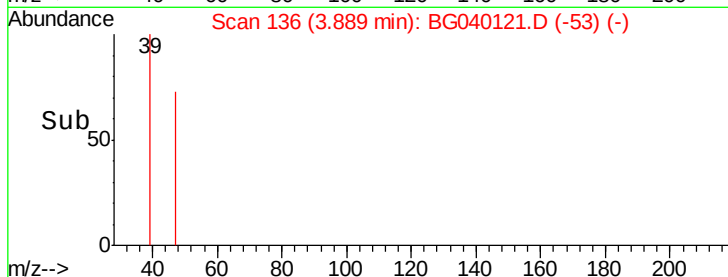
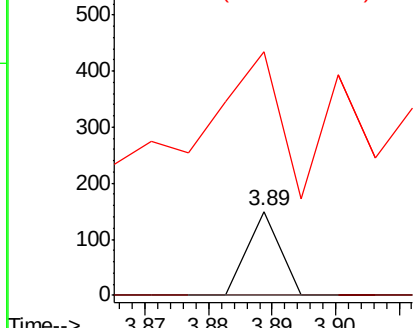
n-Nitrosodimethylamine
 Concen: 0.046 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.04 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB118239BL

Tgt Ion: 42 Resp: 53
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 289.3 6.9 10.3#



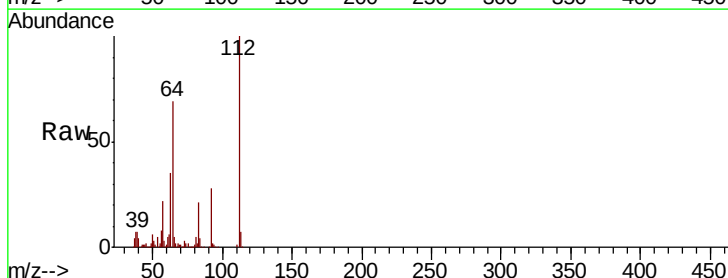
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



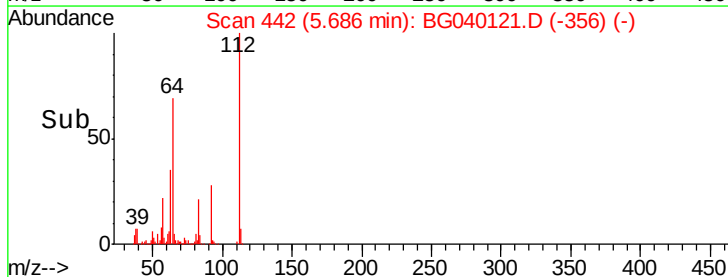
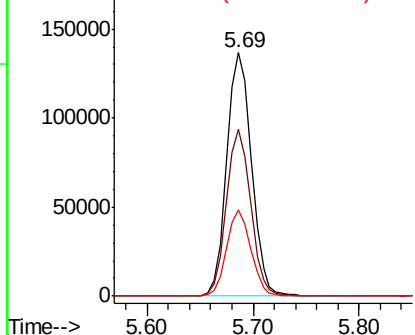
#5

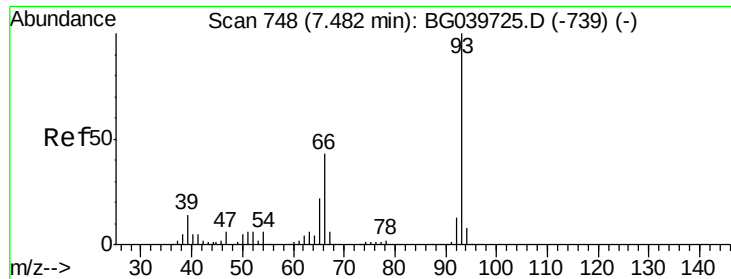
2-Fluorophenol
 Concen: 111.858 ng
 RT: 5.69 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

Tgt Ion: 112 Resp: 221380
 Ion Ratio Lower Upper
 112 100
 64 68.6 57.8 86.8
 63 35.4 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: 0.094 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampled :

PB118239BL

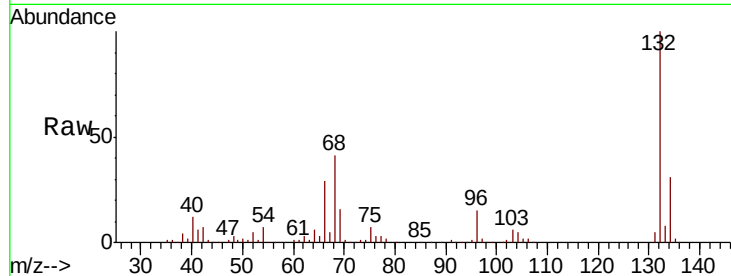
Tgt Ion: 93 Resp: 364

Ion Ratio Lower Upper

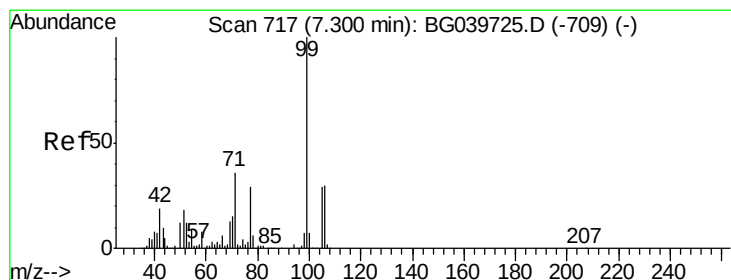
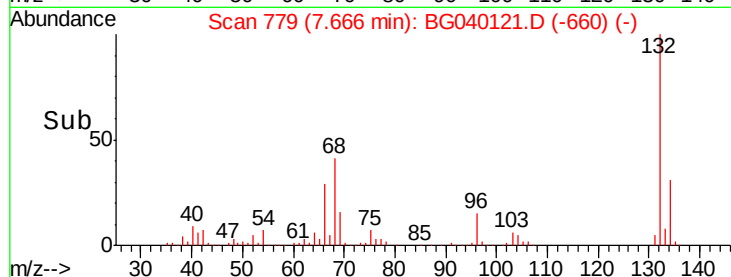
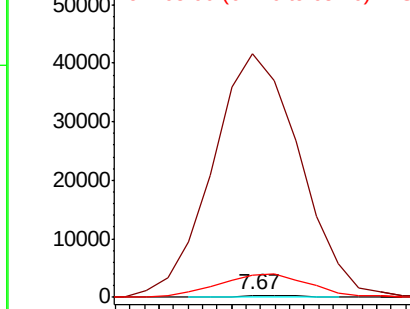
93 100

66 12603.6 34.2 51.4#

65 1124.8 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 108.313 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

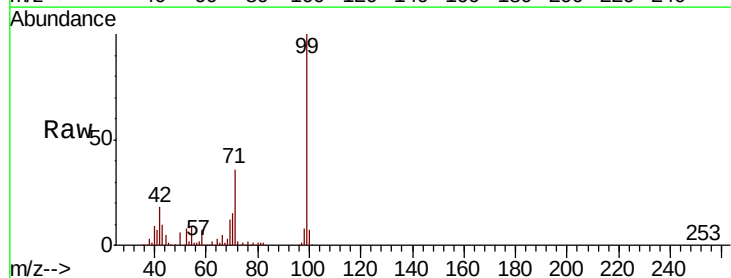
Tgt Ion: 99 Resp: 319630

Ion Ratio Lower Upper

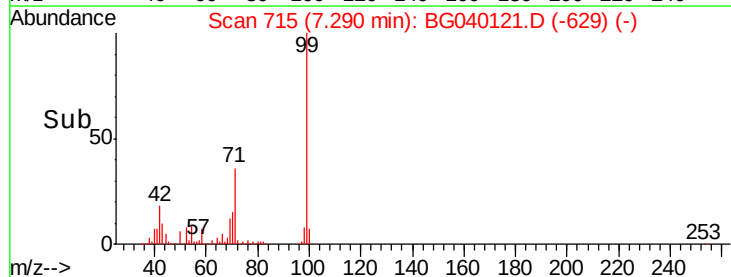
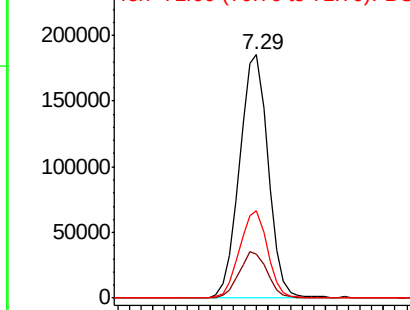
99 100

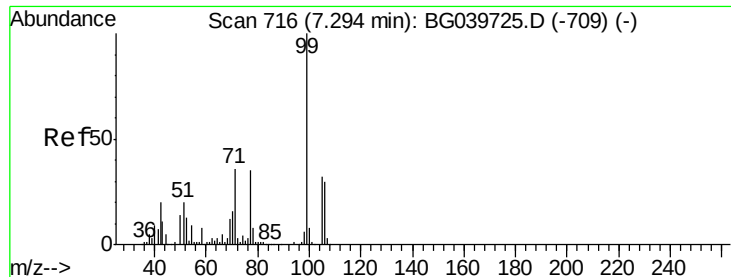
42 18.3 18.2 27.2

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: 0.235 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

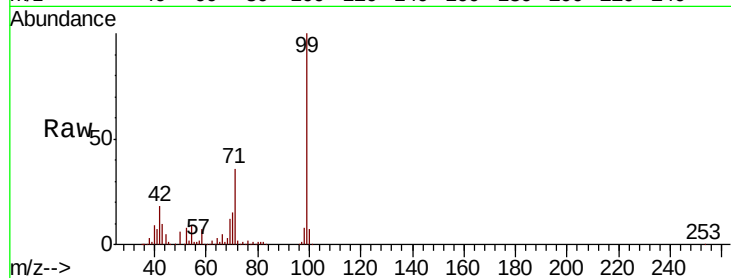
Tgt Ion: 77 Resp: 448

Ion Ratio Lower Upper

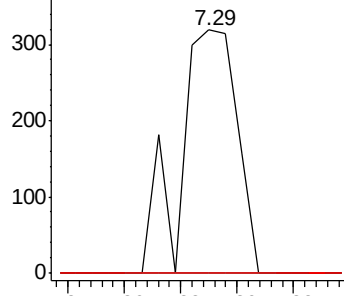
77 100

105 0.0 74.5 114.5#

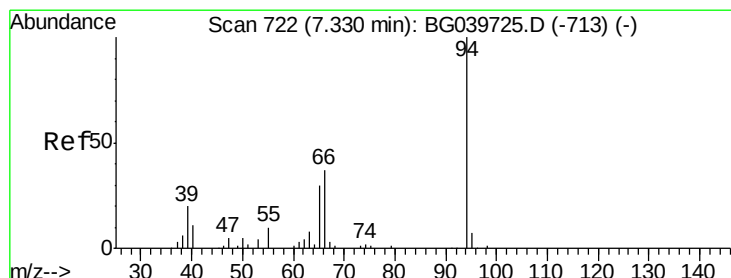
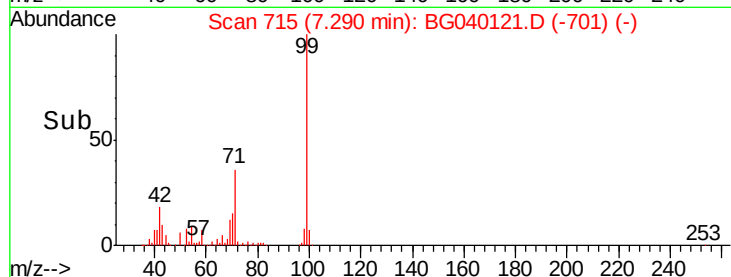
106 0.0 68.0 108.0#



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



Time--> 7.24 7.26 7.28 7.30 7.32



#10

Phenol

Concen: 0.195 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.33 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

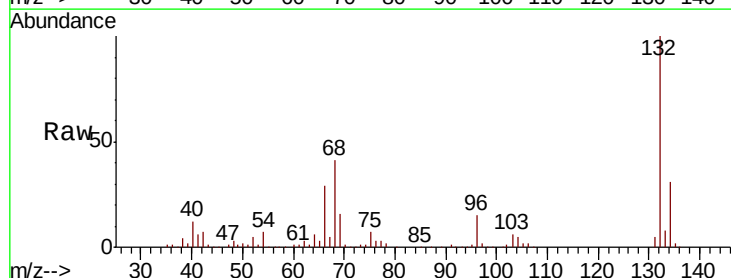
Tgt Ion: 94 Resp: 622

Ion Ratio Lower Upper

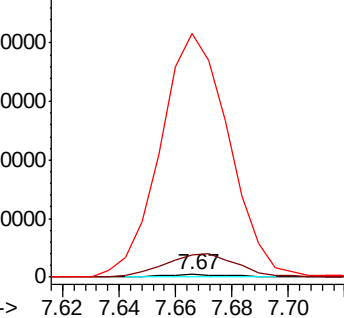
94 100

65 881.7 11.7 51.7#

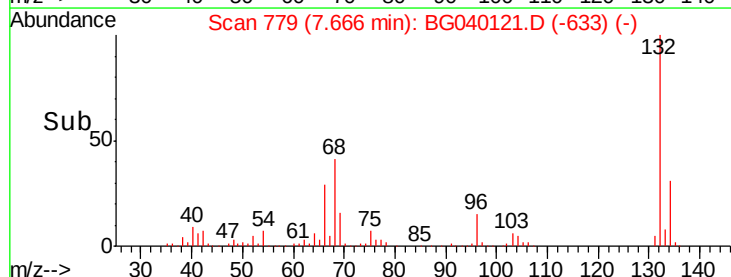
66 9879.3 23.7 63.7#

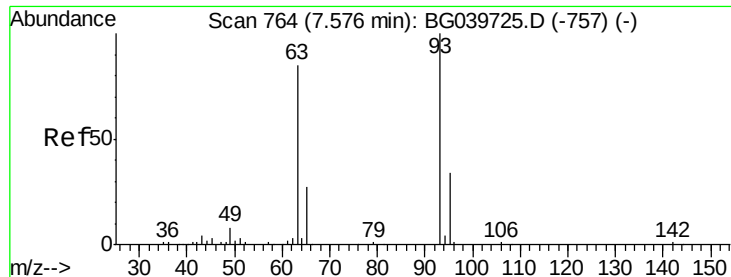


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.62 7.64 7.66 7.68 7.70

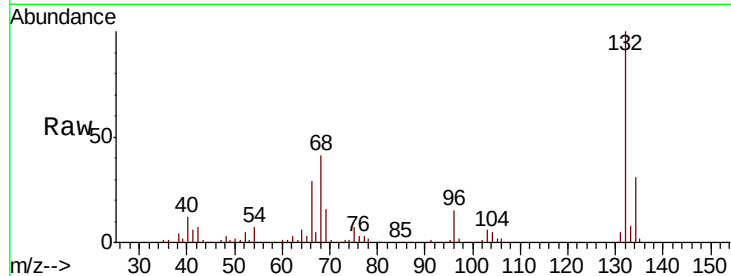




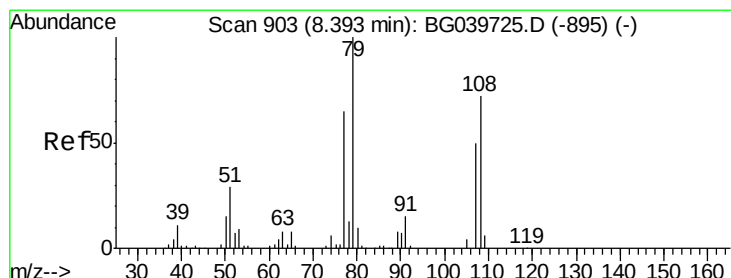
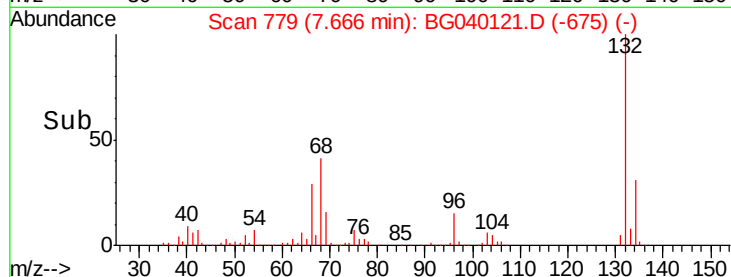
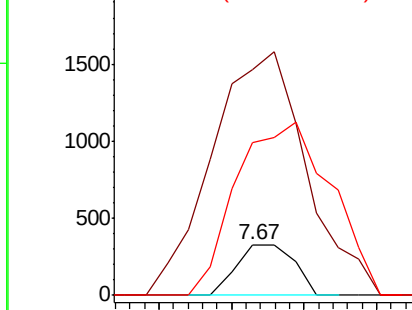
#11
bis(2-Chloroethyl)ether
Concen: 0.146 ng
RT: 7.67 min Scan# 779
Delta R.T. 0.08 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB118239BL

Tgt Ion: 93 Resp: 364
Ion Ratio Lower Upper
93 100
63 444.5 69.5 109.5#
95 300.9 12.7 52.7#

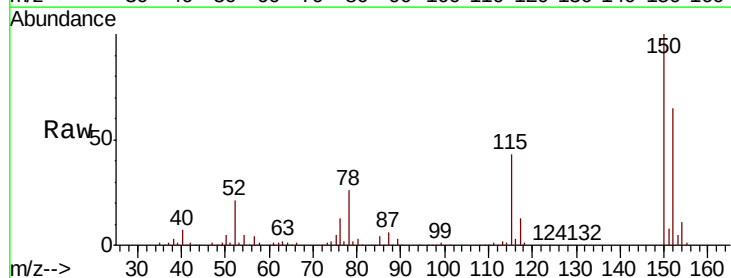


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

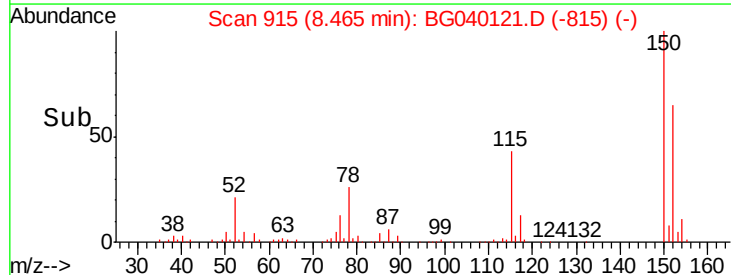
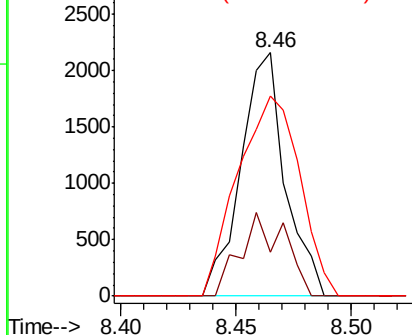


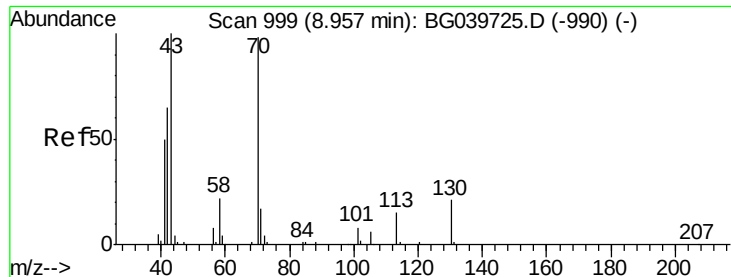
#15
Benzyl Alcohol
Concen: 1.235 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 79 Resp: 2891
Ion Ratio Lower Upper
79 100
108 18.2 57.8 86.6#
77 82.3 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

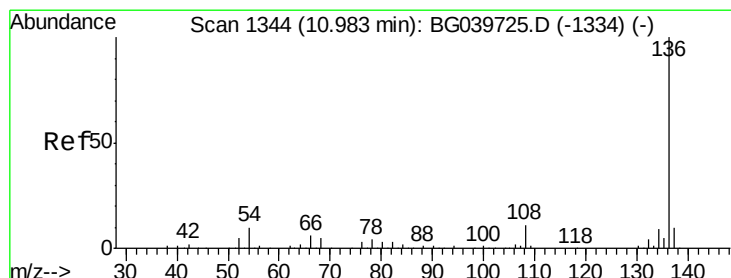
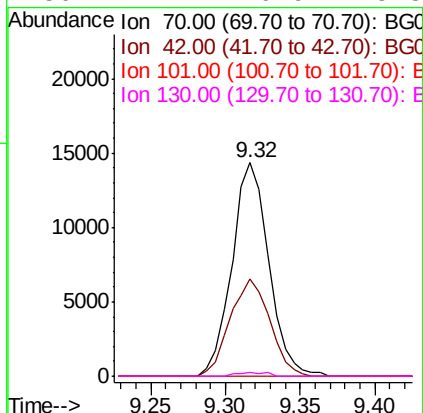
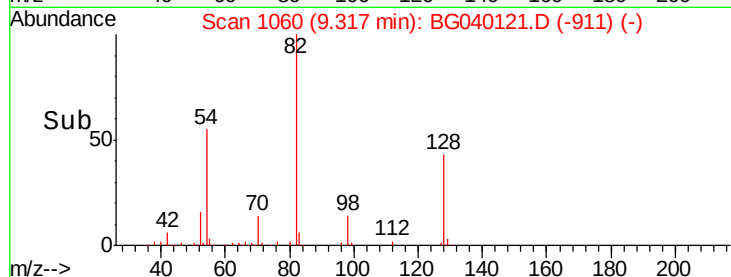
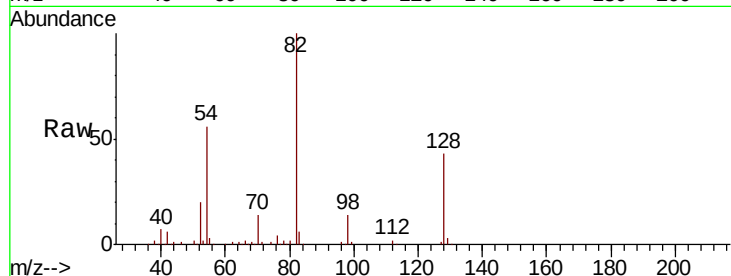




#19
n-Nitroso-di-n-propylamine
Concen: 11.622 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

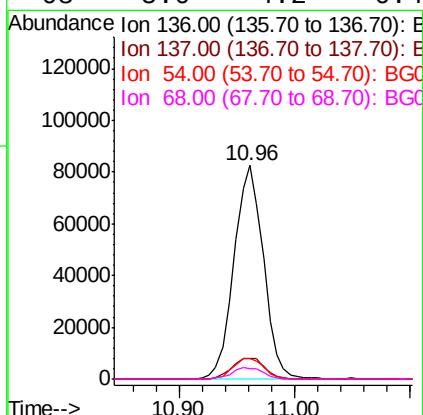
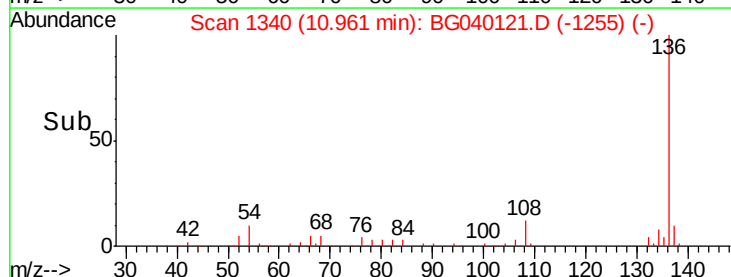
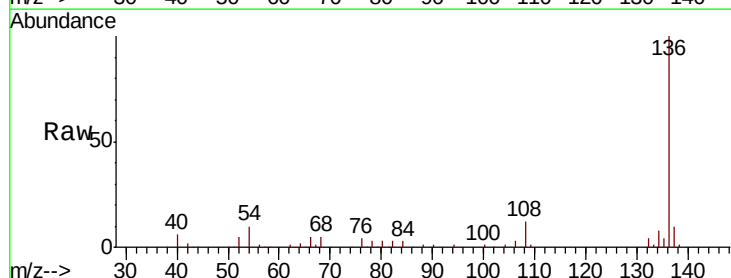
Instrument :
BNA_G
ClientSampleId :
PB118239BL

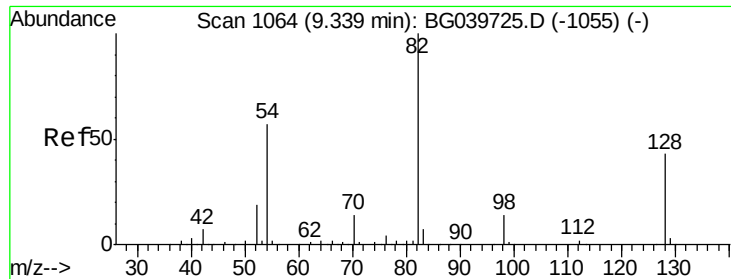
Tgt Ion: 70 Resp: 24685
Ion Ratio Lower Upper
70 100
42 45.3 60.4 90.6#
101 0.0 7.5 11.3#
130 1.7 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 136 Resp: 145157
Ion Ratio Lower Upper
136 100
137 9.7 9.1 13.7
54 9.9 9.4 14.2
68 5.0 4.2 6.4

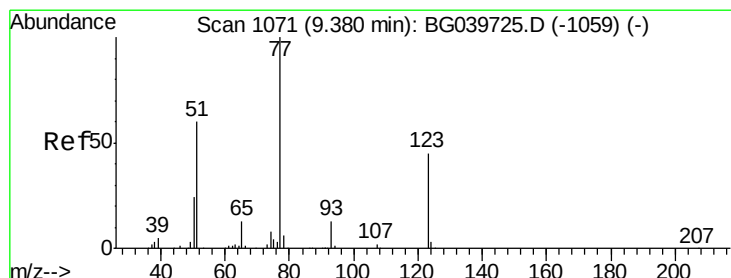
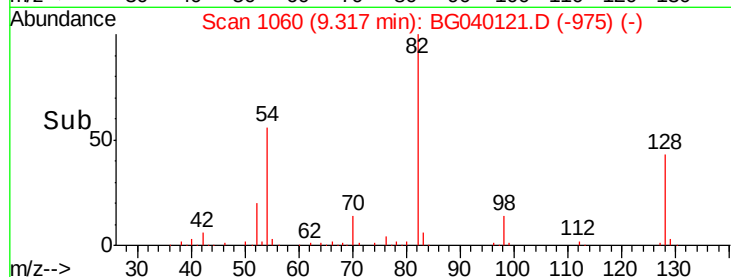
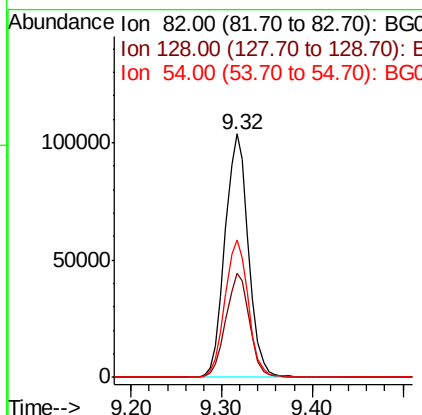
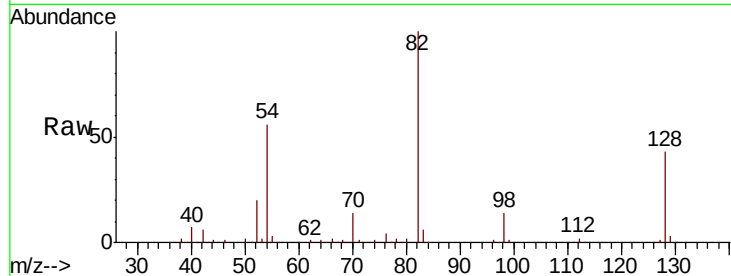




#23
 Nitrobenzene-d5
 Concen: 69.256 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

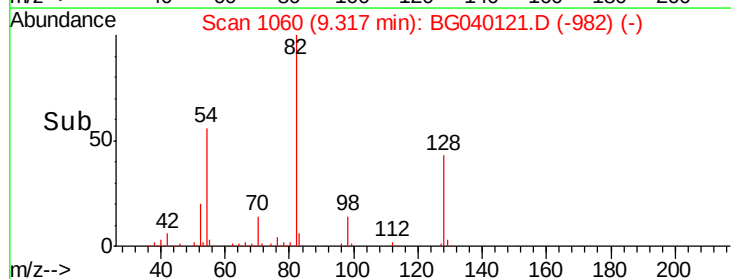
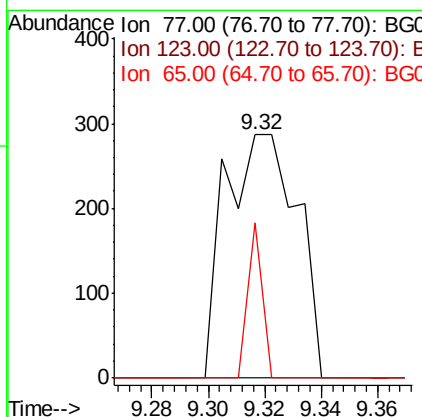
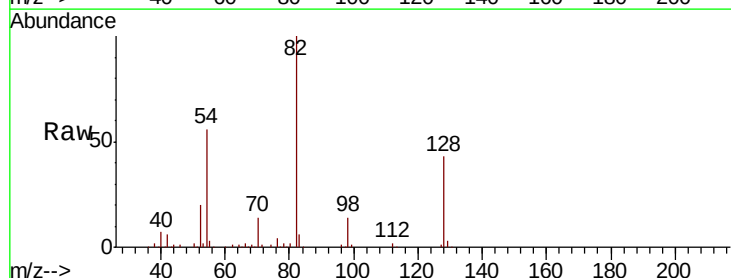
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BL

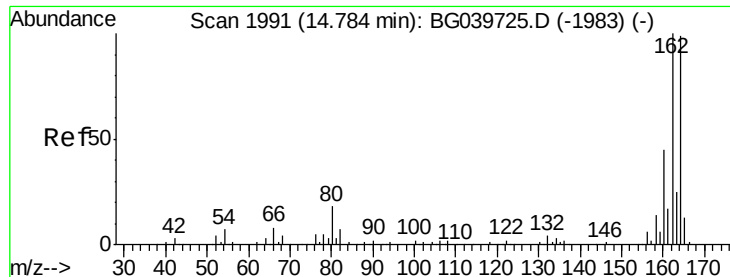
Tgt Ion:	82	Resp:	185878
Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	56.3	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.180 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

Tgt Ion:	77	Resp:	507
Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	63.8	12.3	18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

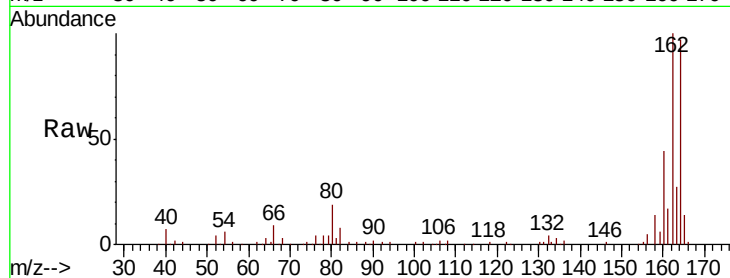
Tgt Ion:164 Resp: 105543

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

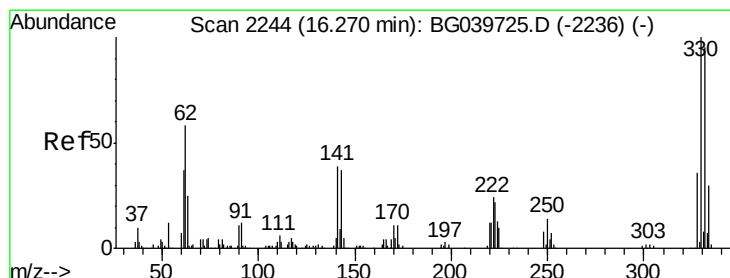
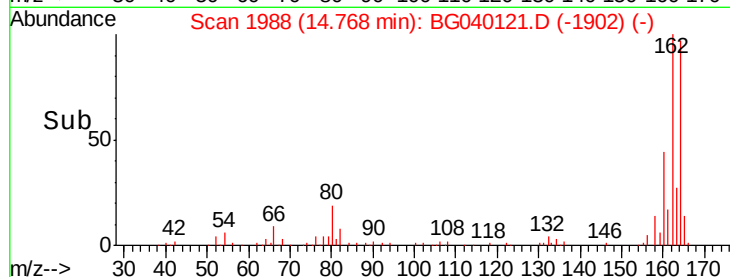
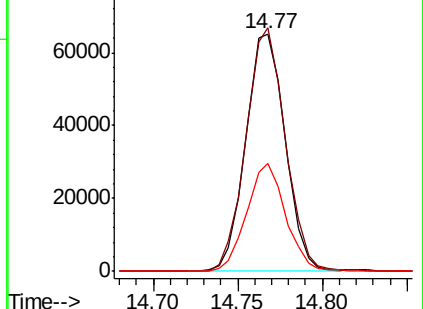
160 45.3 34.2 51.2



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: 115.185 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

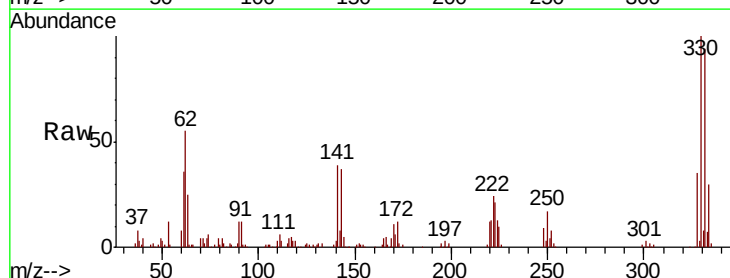
Tgt Ion:330 Resp: 141699

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

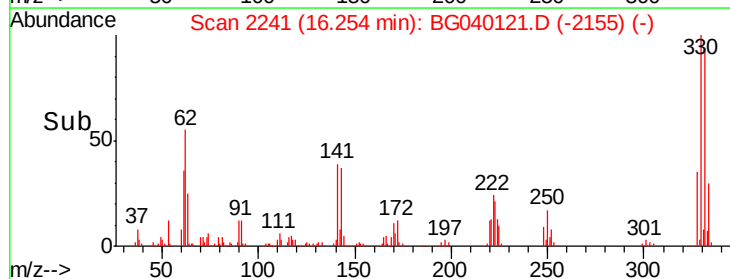
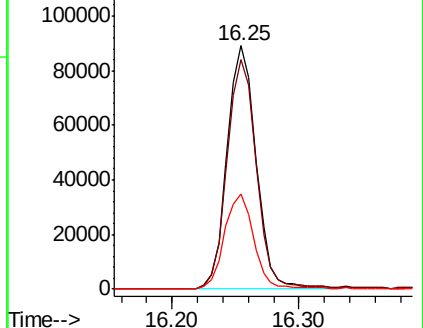
141 39.5 35.6 53.4

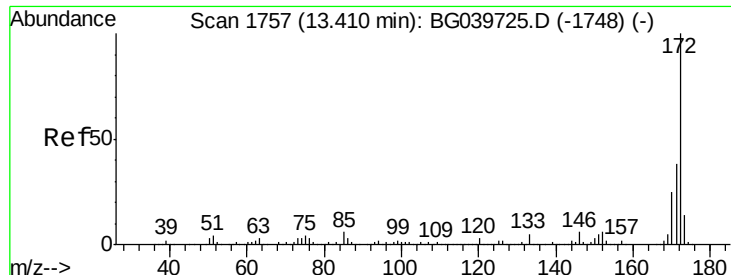


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

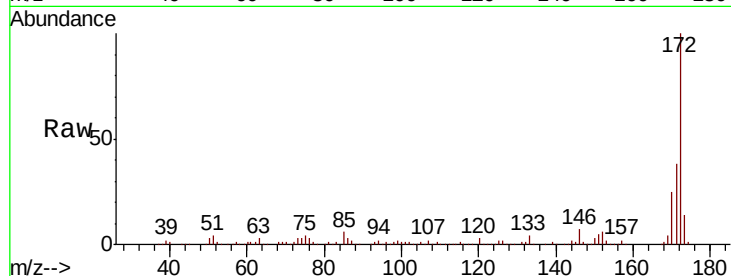




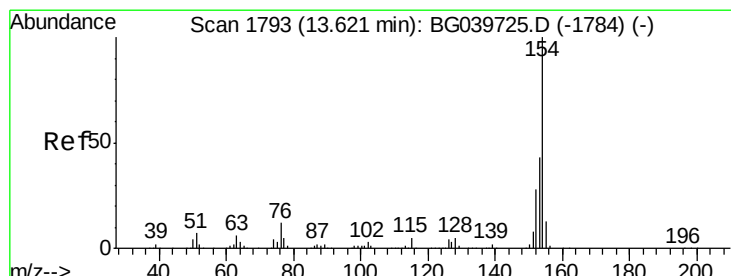
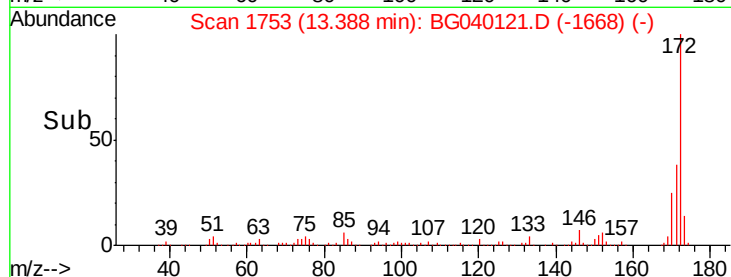
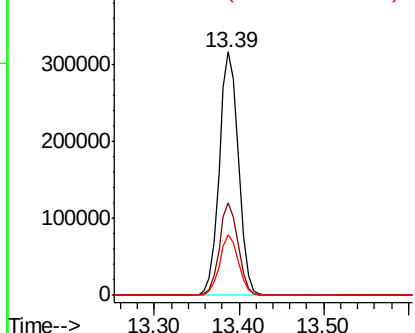
#45
 2-Fluorobiphenyl
 Concen: 67.616 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB118239BL

Tgt Ion:172 Resp: 501215
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 24.7 20.2 30.4

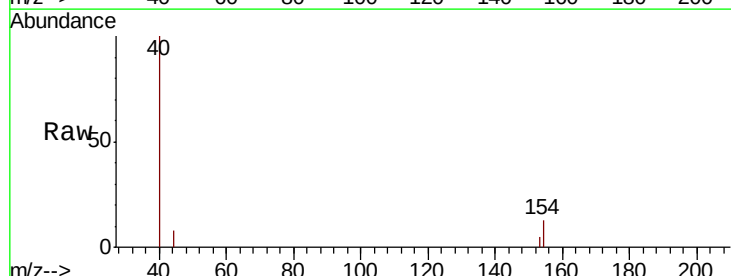


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

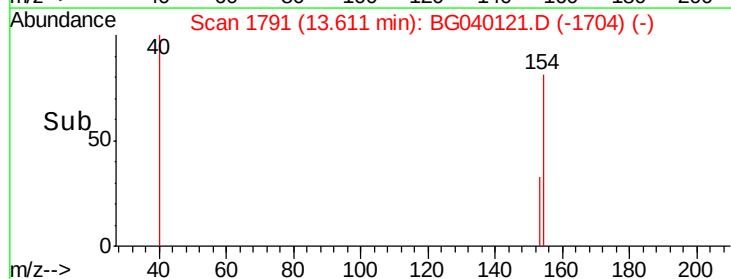
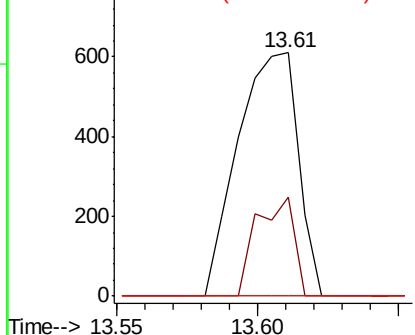


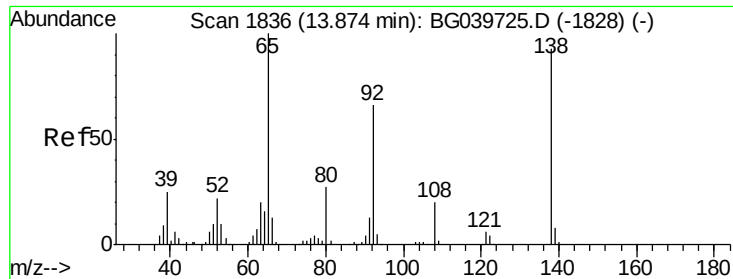
#46
 1,1'-Biphenyl
 Concen: 0.104 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

Tgt Ion:154 Resp: 903
 Ion Ratio Lower Upper
 154 100
 153 40.4 22.1 62.1
 76 0.0 0.0 32.4



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

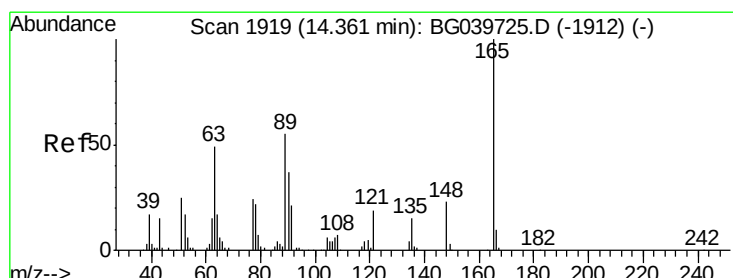
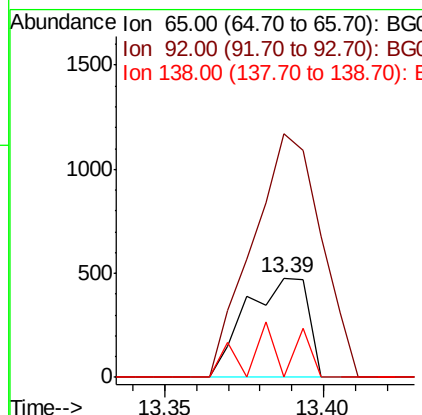
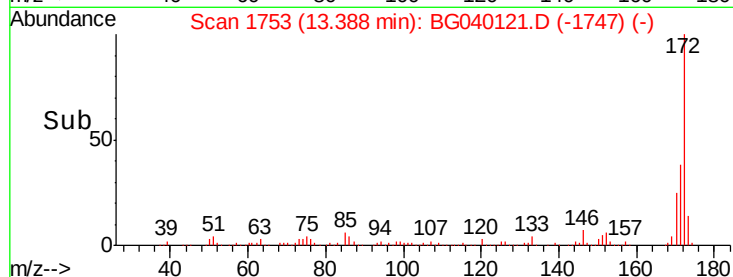
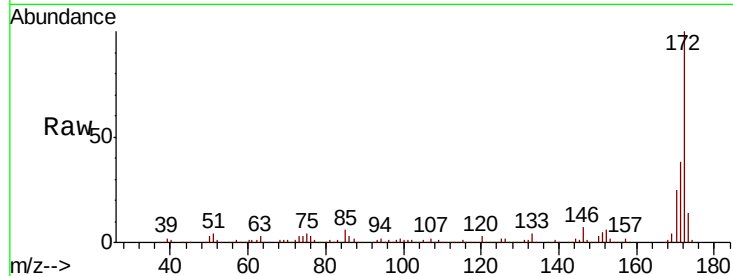




#48
2-Nitroaniline
Concen: 0.309 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.49 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

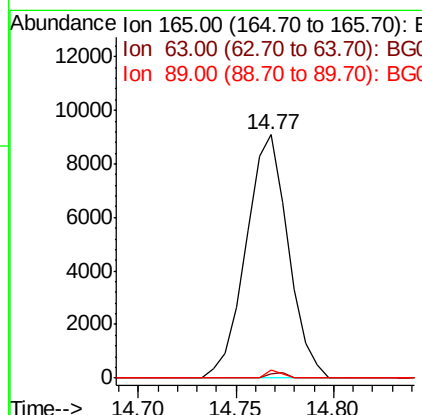
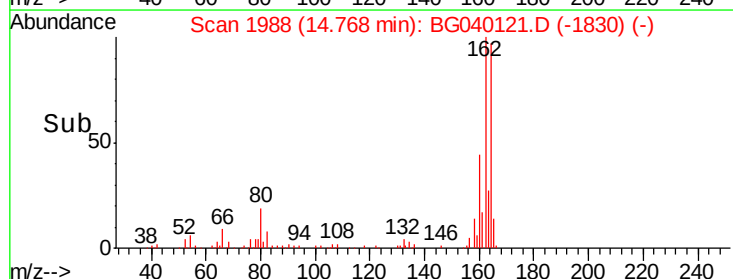
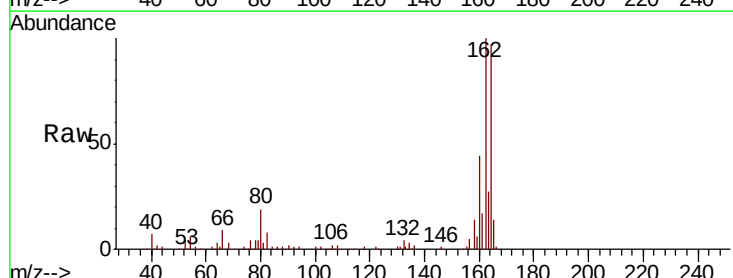
Instrument :
BNA_G
ClientSampleId :
PB118239BL

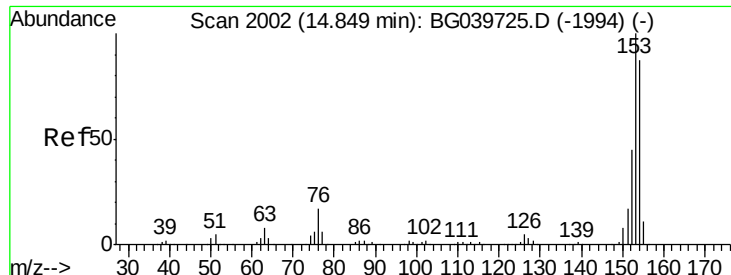
Tgt Ion: 65 Resp: 648
Ion Ratio Lower Upper
65 100
92 244.8 51.4 77.2#
138 0.0 71.4 107.2#



#51
2,6-Dinitrotoluene
Concen: 7.251 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 165 Resp: 13567
Ion Ratio Lower Upper
165 100
63 1.7 47.0 70.6#
89 3.2 45.8 68.8#





#52

Acenaphthene

Concen: 0.054 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

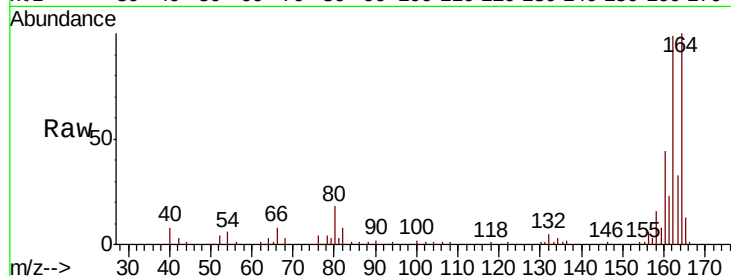
Tgt Ion:154 Resp: 348

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

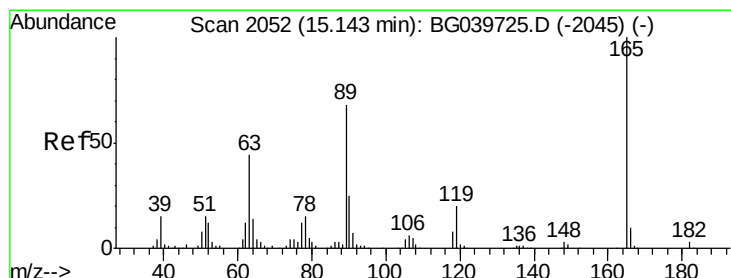
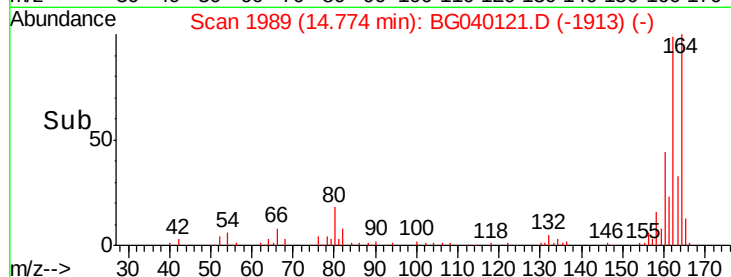
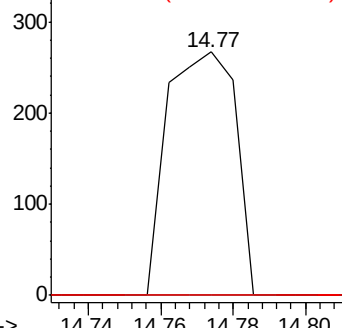
152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.161 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Tgt Ion:165 Resp: 13567

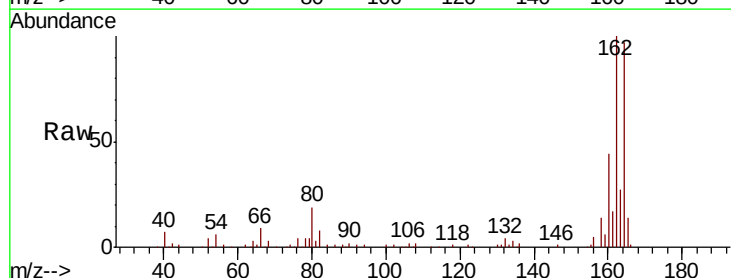
Ion Ratio Lower Upper

165 100

63 1.7 41.0 61.6#

89 3.2 64.6 96.8#

182 0.0 2.0 3.0#

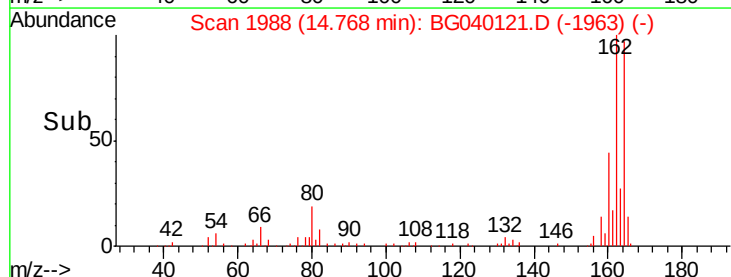
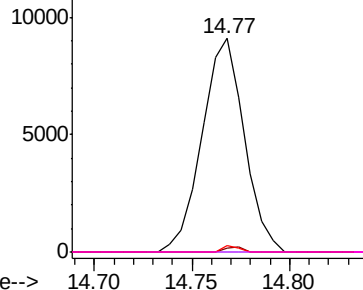


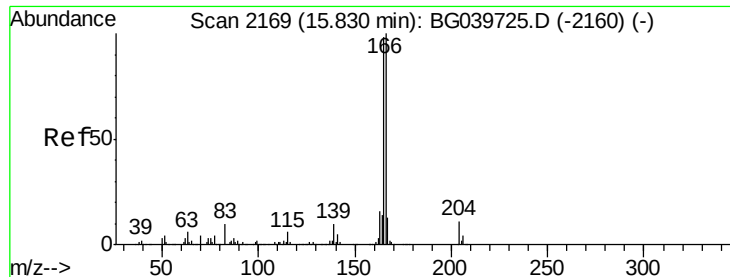
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.724 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

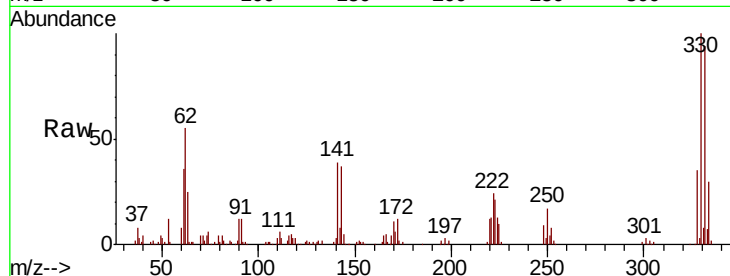
Tgt Ion:166 Resp: 6024

Ion Ratio Lower Upper

166 100

165 92.6 77.9 116.9

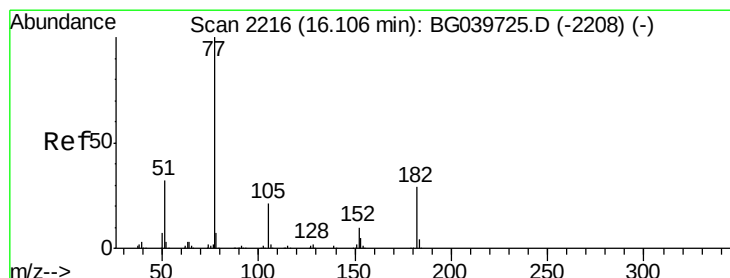
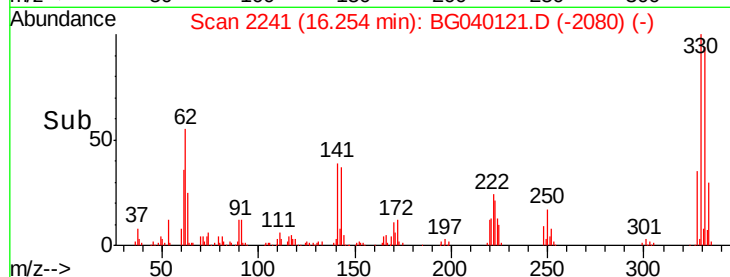
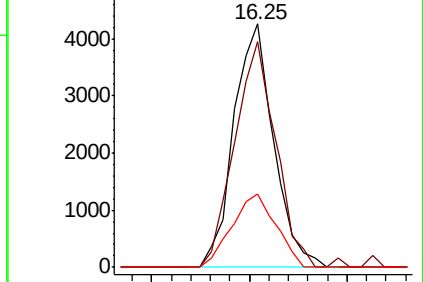
167 30.2 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.085 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.14 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Tgt Ion: 77 Resp: 671

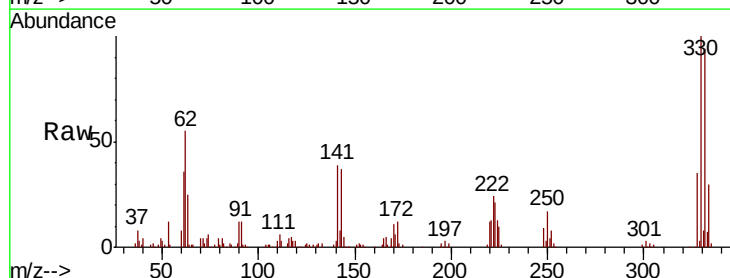
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 96.3 0.0 39.8#

51 94.0 14.1 54.1#

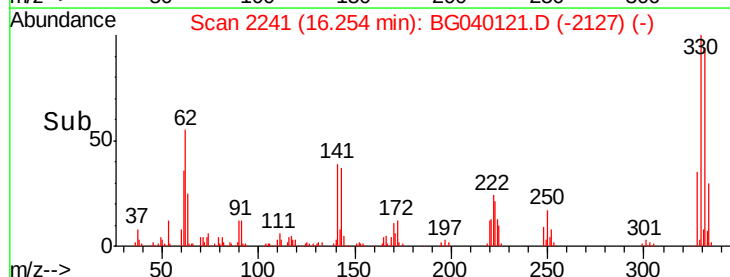
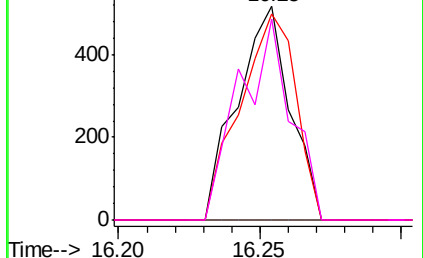


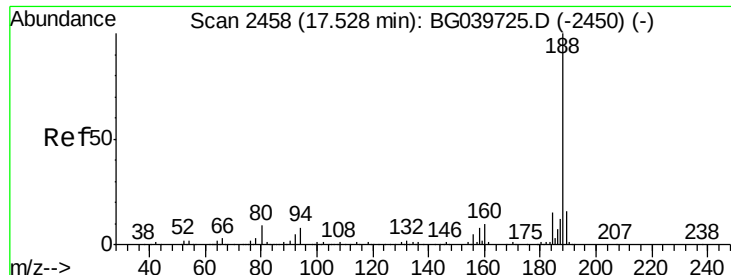
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

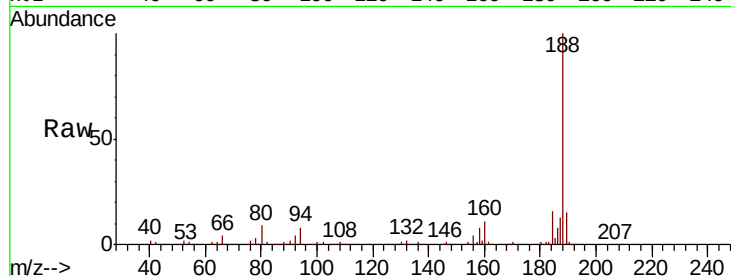
Tgt Ion:188 Resp: 279665

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

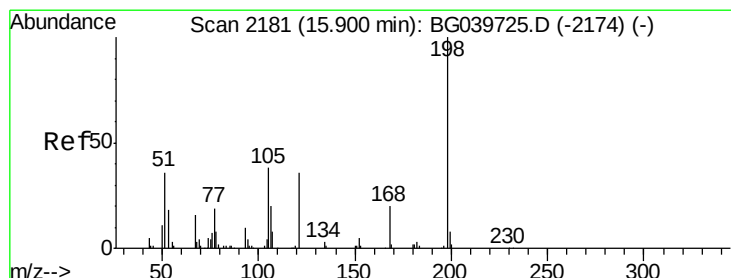
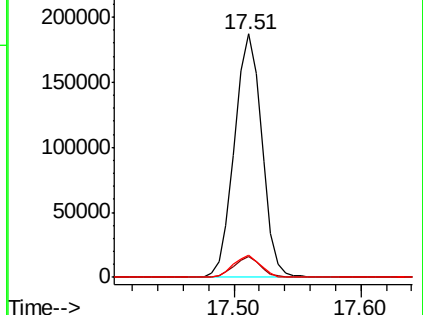
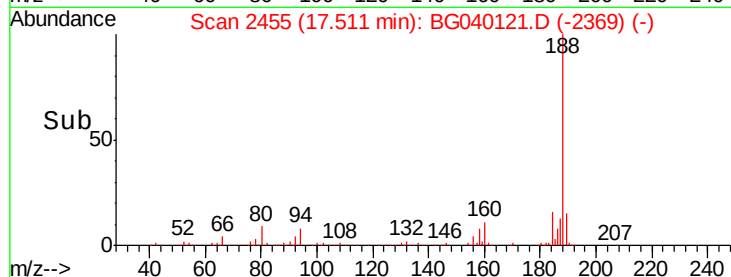
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.263 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.34 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

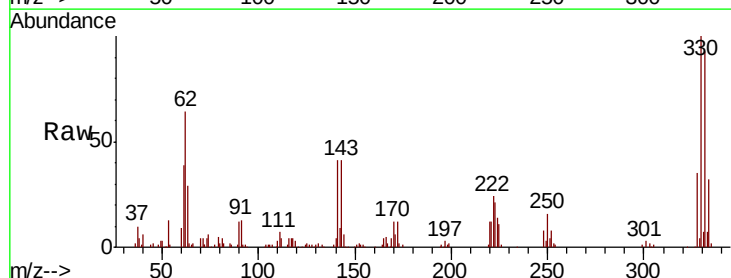
Tgt Ion:198 Resp: 435

Ion Ratio Lower Upper

198 100

51 61.5 27.4 67.4

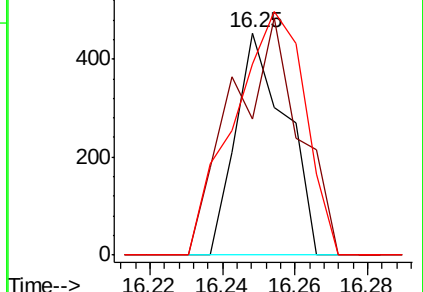
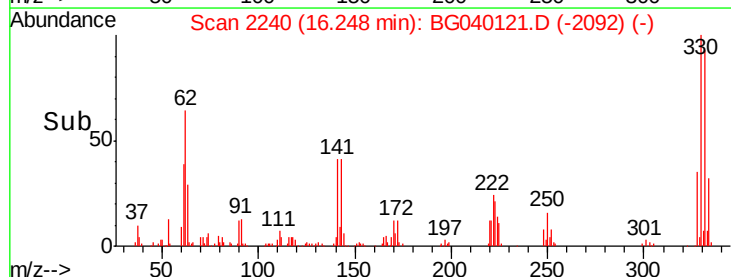
105 86.1 19.7 59.7#

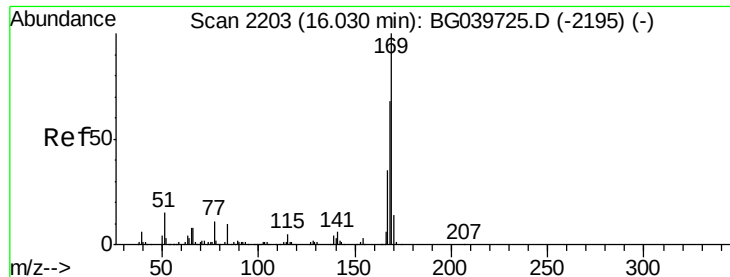


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

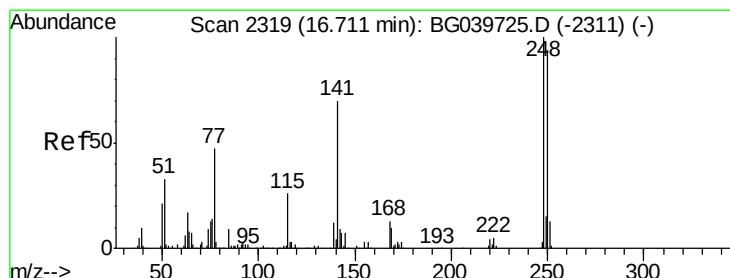
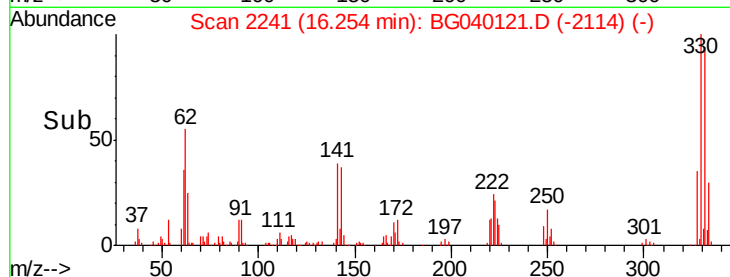
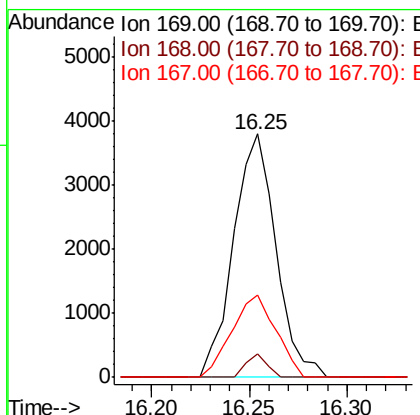
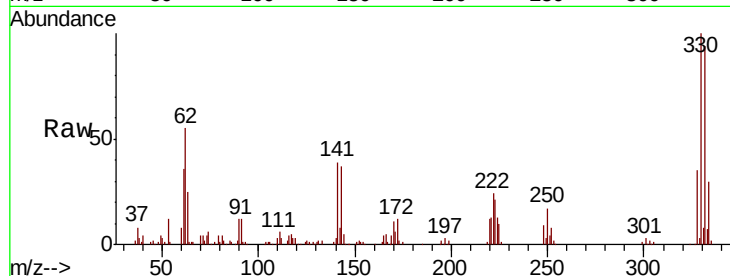




#66
 n-Nitrosodiphenylamine
 Concen: 0.705 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

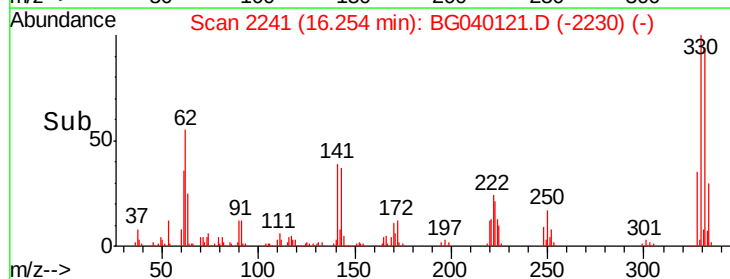
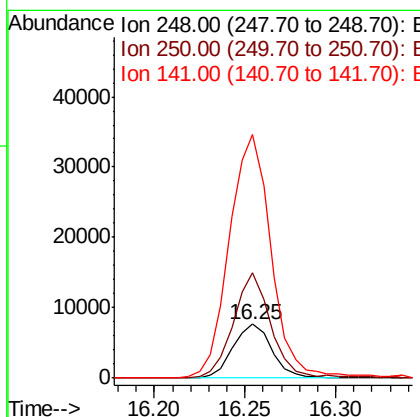
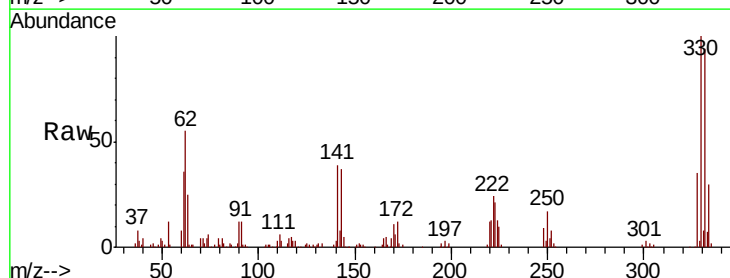
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BL

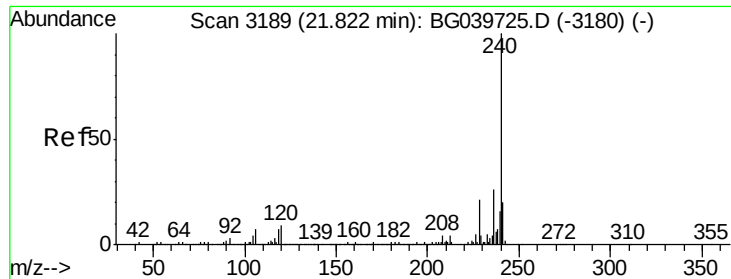
Tgt Ion:169 Resp: 5708
 Ion Ratio Lower Upper
 169 100
 168 9.4 56.6 85.0#
 167 33.9 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.619 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040121.D
 Acq: 25 Mar 2019 17:32

Tgt Ion:248 Resp: 11330
 Ion Ratio Lower Upper
 248 100
 250 195.2 77.6 116.4#
 141 451.8 63.9 95.9#

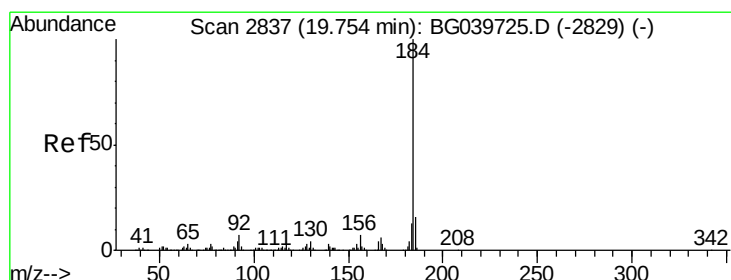
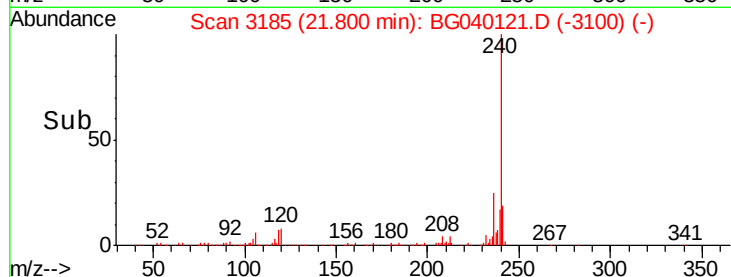
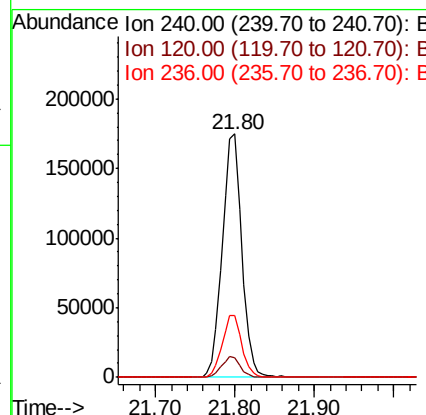
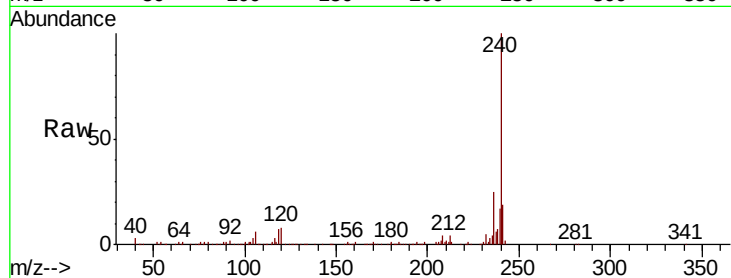




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

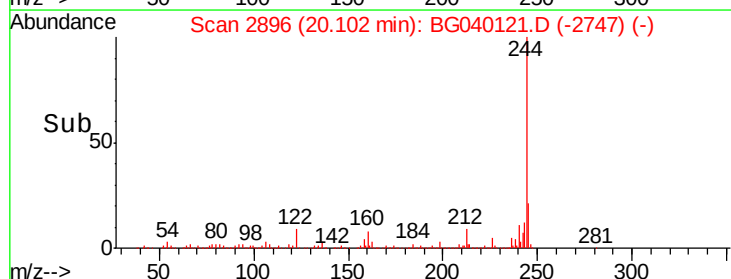
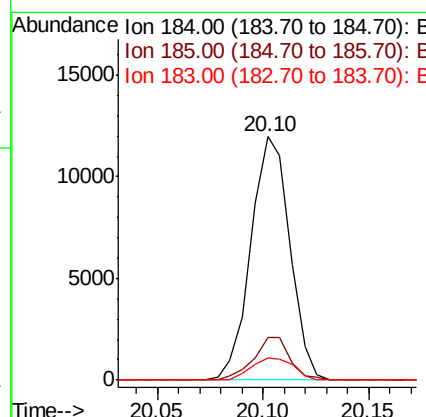
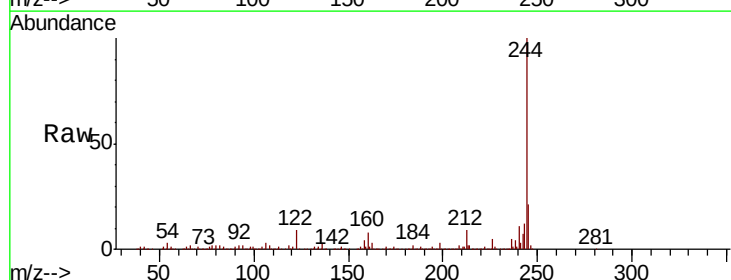
Instrument :
BNA_G
ClientSampleId :
PB118239BL

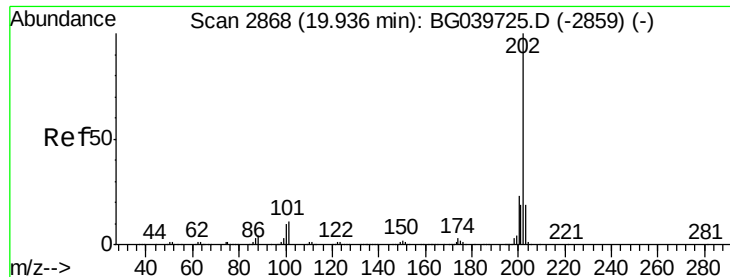
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.2	21.0	31.4



#77
Benzidine
Concen: 1.630 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.2	18.2
183	9.2	10.6	15.8#





#78

Pyrene

Concen: 0.180 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.16 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

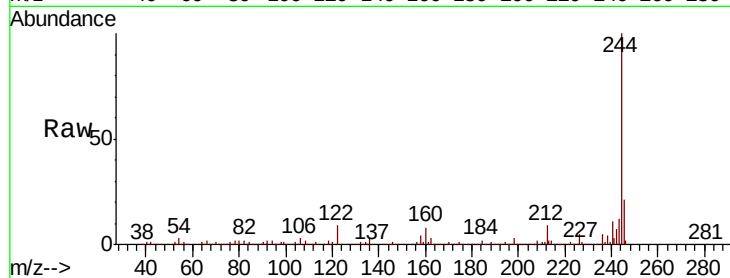
Tgt Ion:202 Resp: 3475

Ion Ratio Lower Upper

202 100

200 58.6 17.8 26.8#

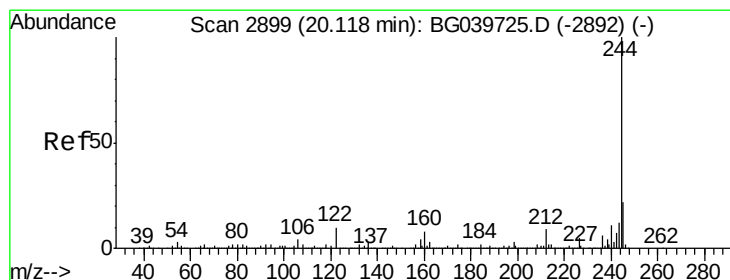
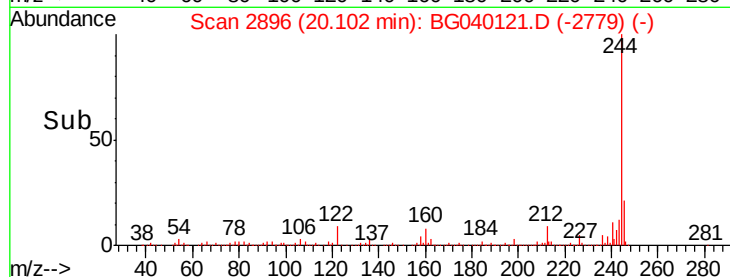
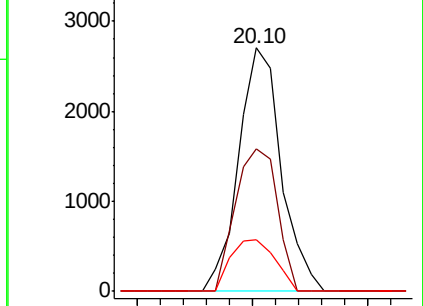
203 21.3 15.3 22.9



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: 69.661 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

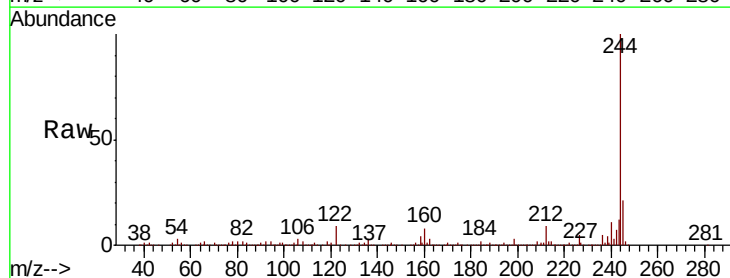
Tgt Ion:244 Resp: 940200

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

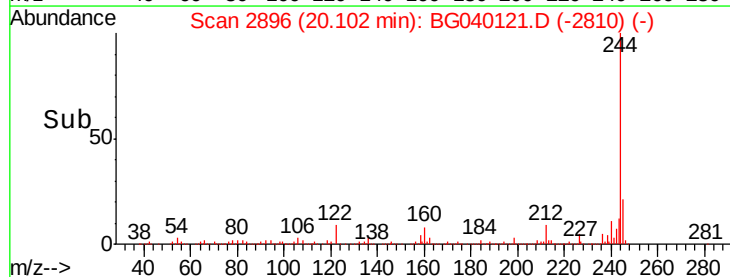
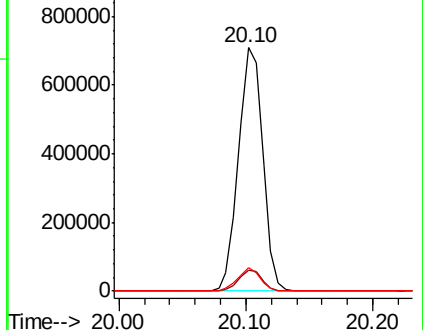
122 9.5 8.4 12.6

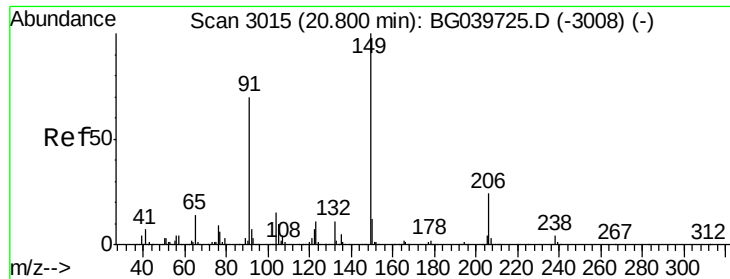


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

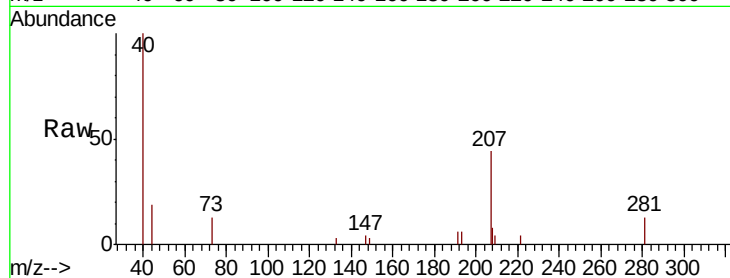




#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.79 min Scan# 3013
Delta R.T. -0.02 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB118239BL

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

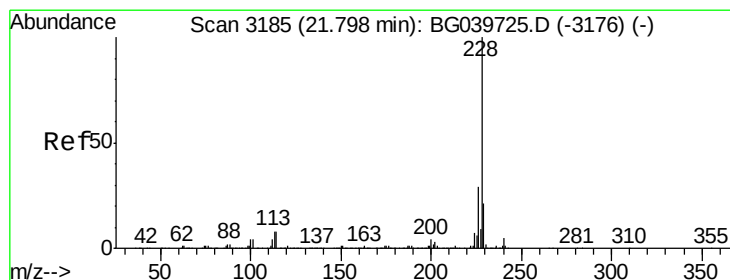
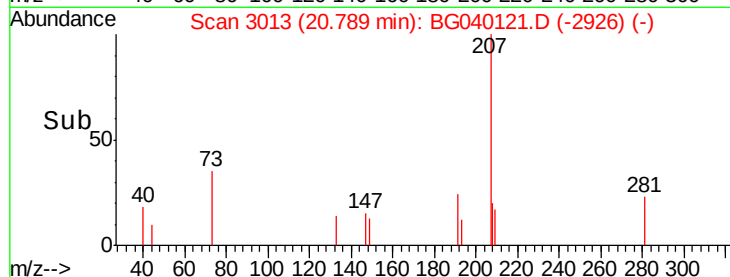
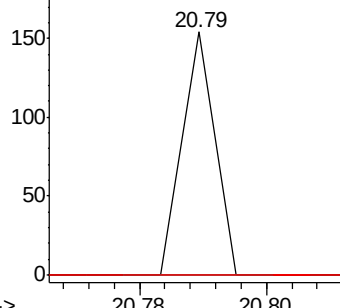


Abundance

Ion 149.00 (148.70 to 149.70): E

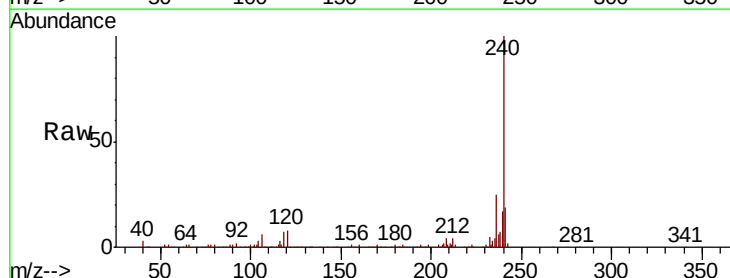
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040121.D
Acq: 25 Mar 2019 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	41.8	16.9	25.3#

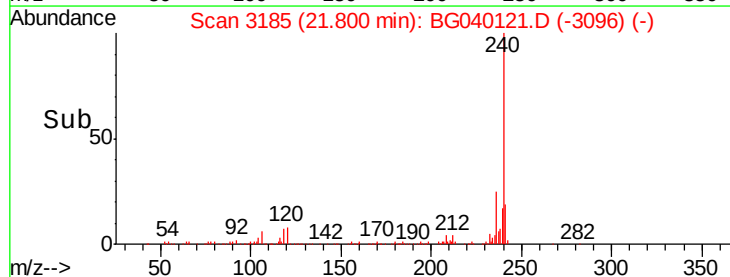
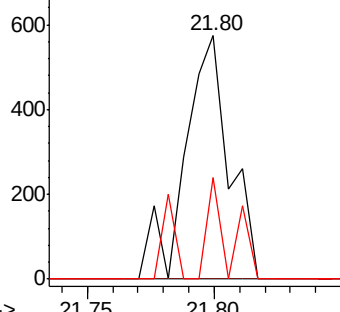


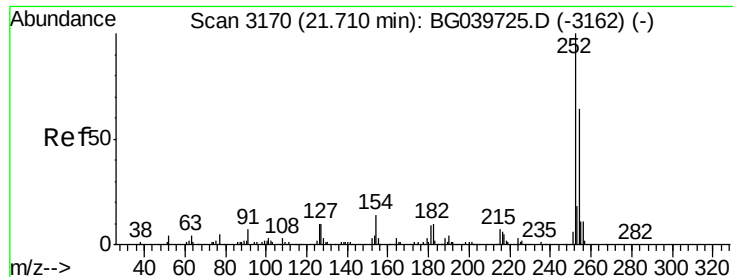
Abundance

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: 0.008 ng

RT: 22.10 min Scan# 3236

Delta R.T. 0.38 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

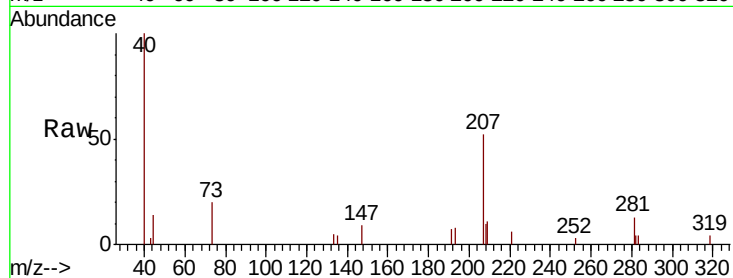
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

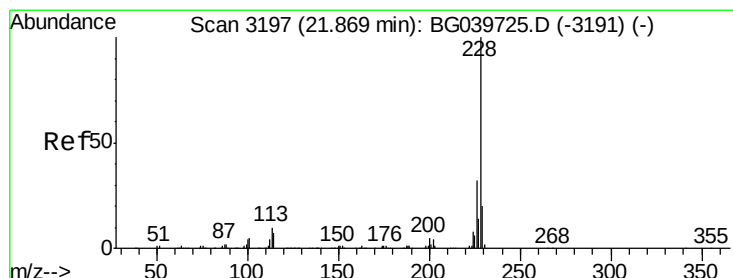
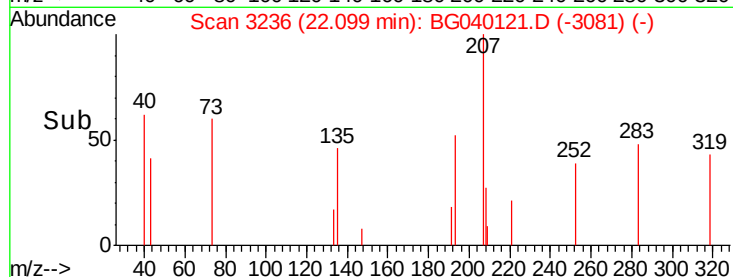
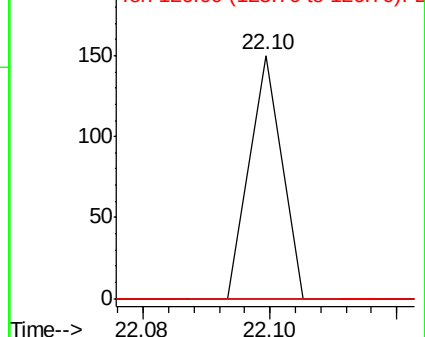
126 0.0 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.039 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

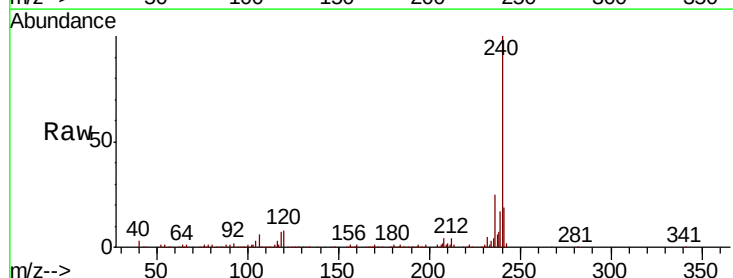
Tgt Ion:228 Resp: 703

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

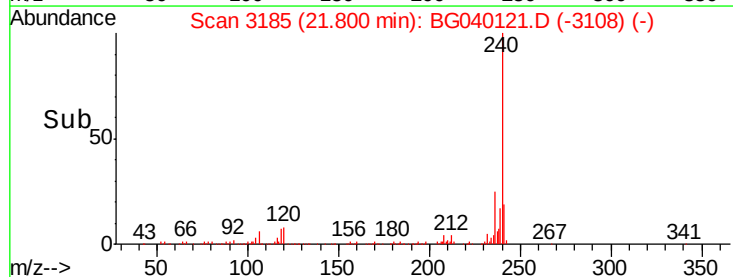
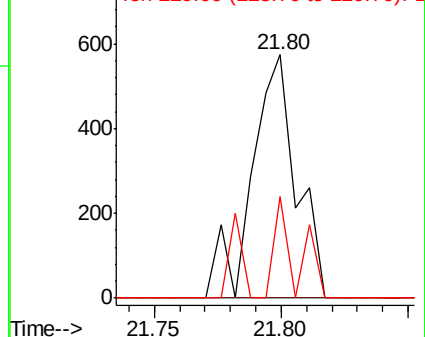
229 41.8 16.6 25.0#

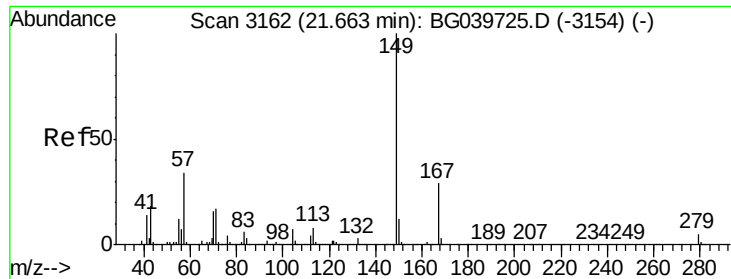


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.07 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

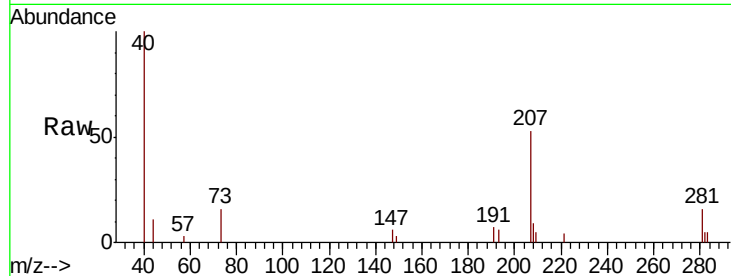
Instrument :

BNA_G

ClientSampleId :

PB118239BL

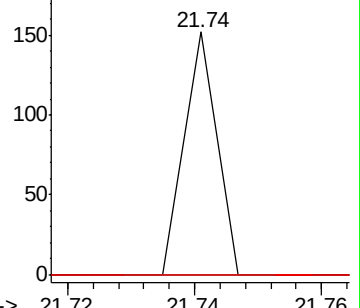
Tgt Ion:	149	Resp:	54
Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.6	34.0#
279	0.0	3.5	5.3#



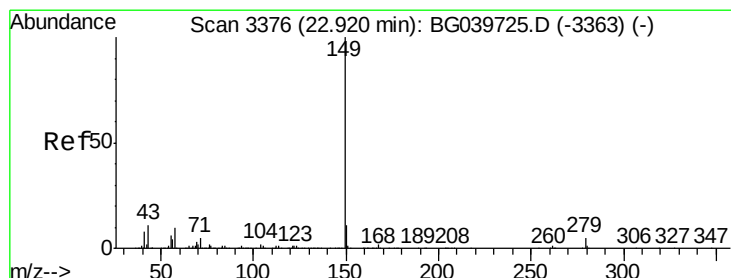
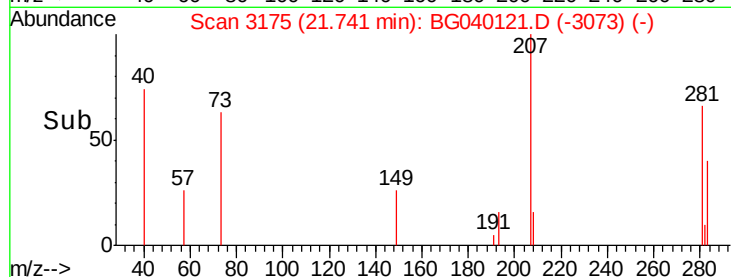
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.72 21.74 21.76



#85

Di-n-octyl phthalate

Concen: 0.007 ng

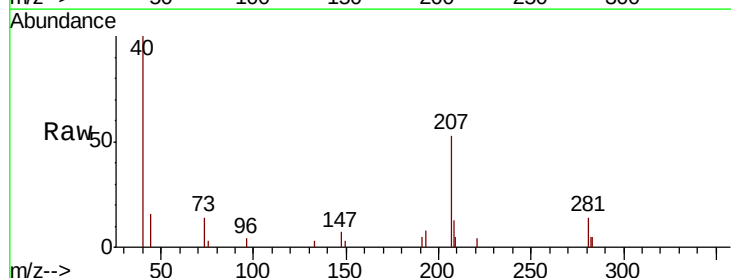
RT: 22.86 min Scan# 3366

Delta R.T. -0.06 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

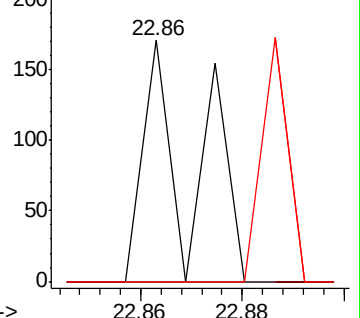
Tgt Ion:	149	Resp:	115
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#



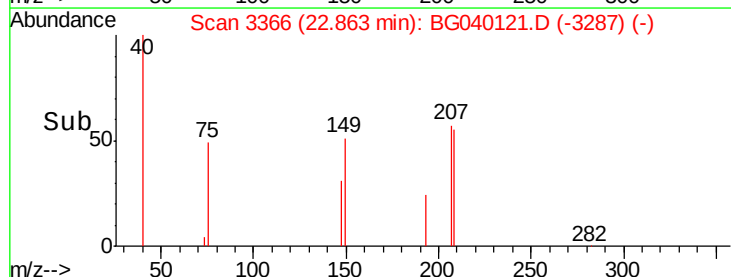
Abundance Ion 149.00 (148.70 to 149.70): E

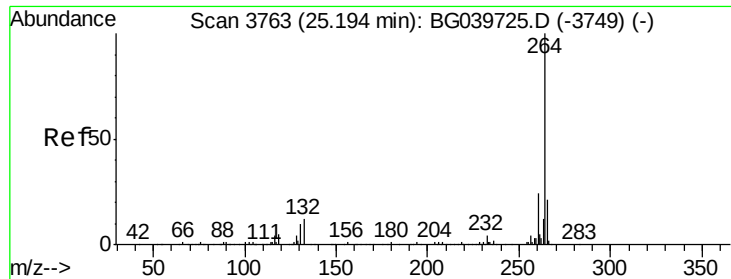
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time--> 22.86 22.88





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

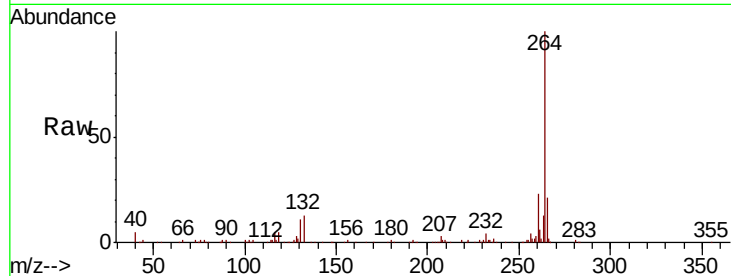
Tgt Ion:264 Resp: 290402

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.5 18.5 27.7

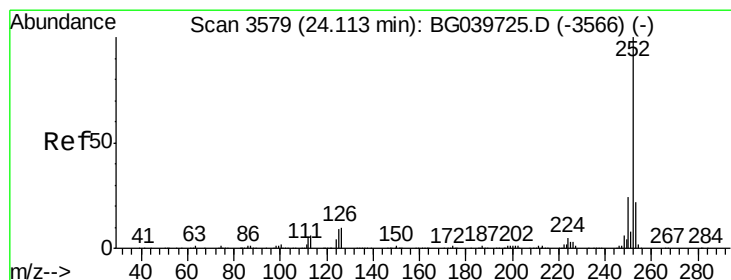
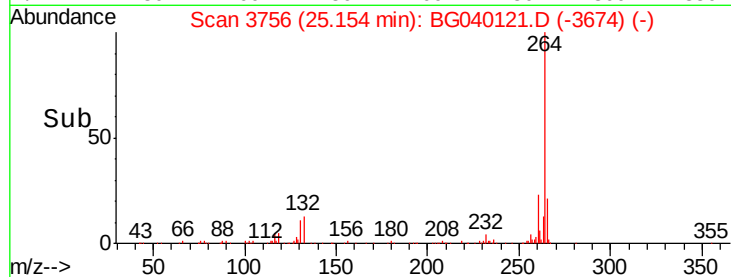
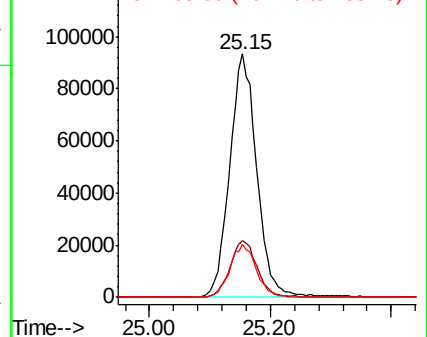


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.46 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

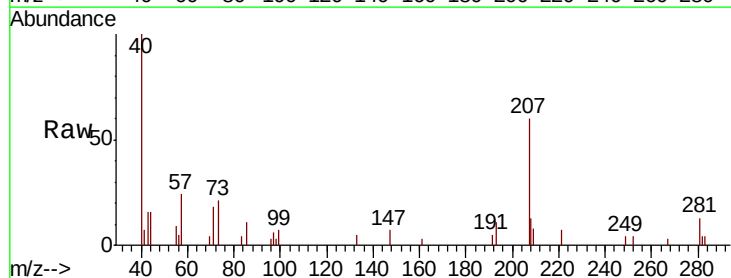
Tgt Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.8 11.6#

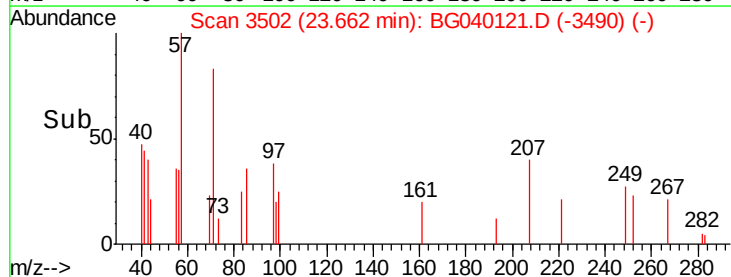
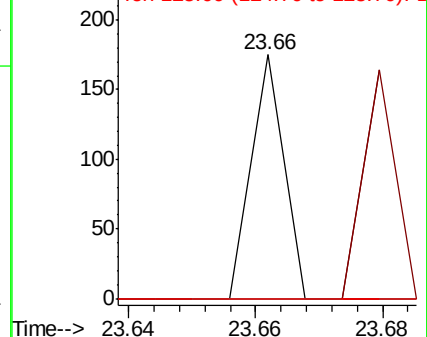


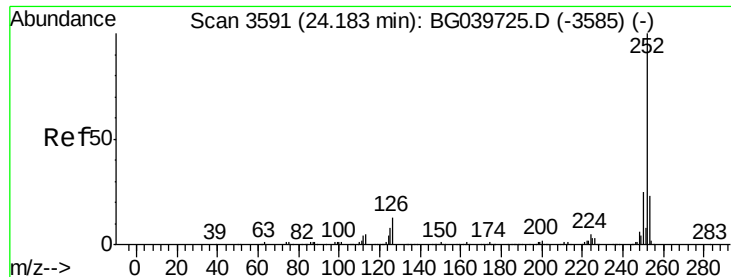
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.53 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB118239BL

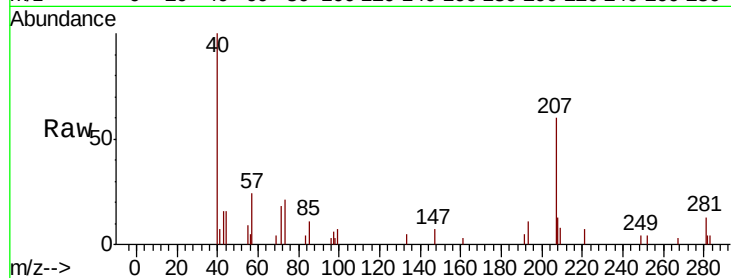
Tgt Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

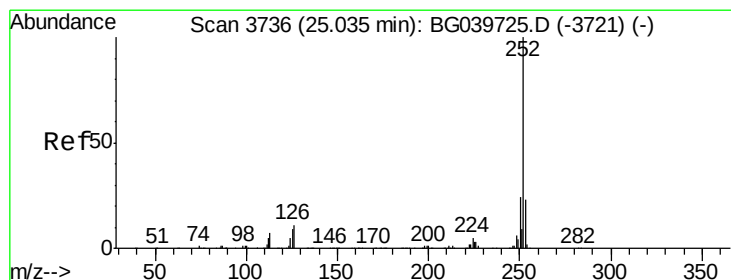
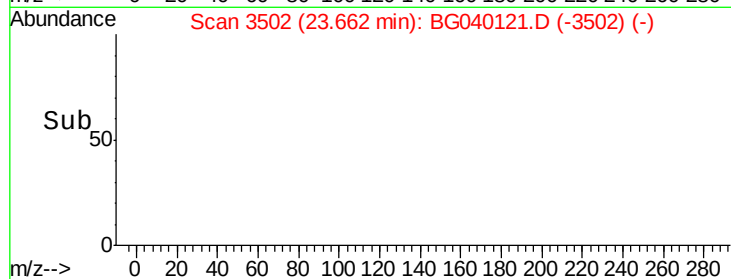
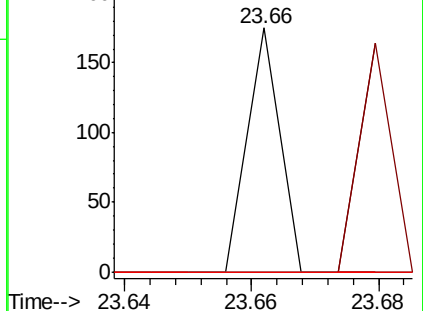
125 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.078 ng

RT: 25.15 min Scan# 3755

Delta R.T. 0.11 min

Lab File: BG040121.D

Acq: 25 Mar 2019 17:32

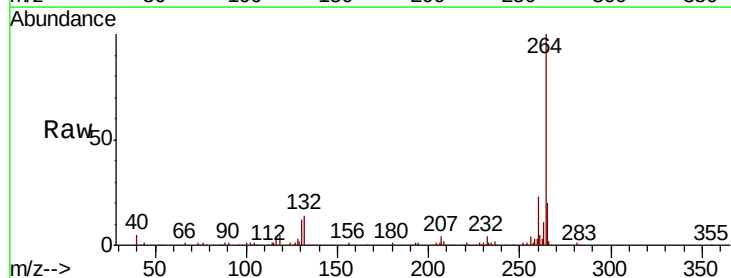
Tgt Ion:252 Resp: 1244

Ion Ratio Lower Upper

252 100

253 35.4 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

