

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021706.D
 Acq On : 16 Apr 2016 7:29
 Operator : UM/SJ
 Sample : H2558-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-5-10

Quant Time: Apr 18 01:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	33502	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	136529	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	98983	20.00	ng	0.02
63) Phenanthrene-d10	17.57	188	181221	20.00	ng	0.01
75) Chrysene-d12	21.83	240	212725	20.00	ng	0.00
86) Perylene-d12	25.17	264	209250	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	215376	107.06	ng	0.01
7) Phenol-d6	7.37	99	303009	100.83	ng	0.02
23) Nitrobenzene-d5	9.39	82	234815	88.40	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	117284	109.94	ng	0.02
44) 2-Fluorobiphenyl	13.47	172	465273	68.87	ng	0.01
78) Terphenyl-d14	20.15	244	624649	73.27	ng	0.00

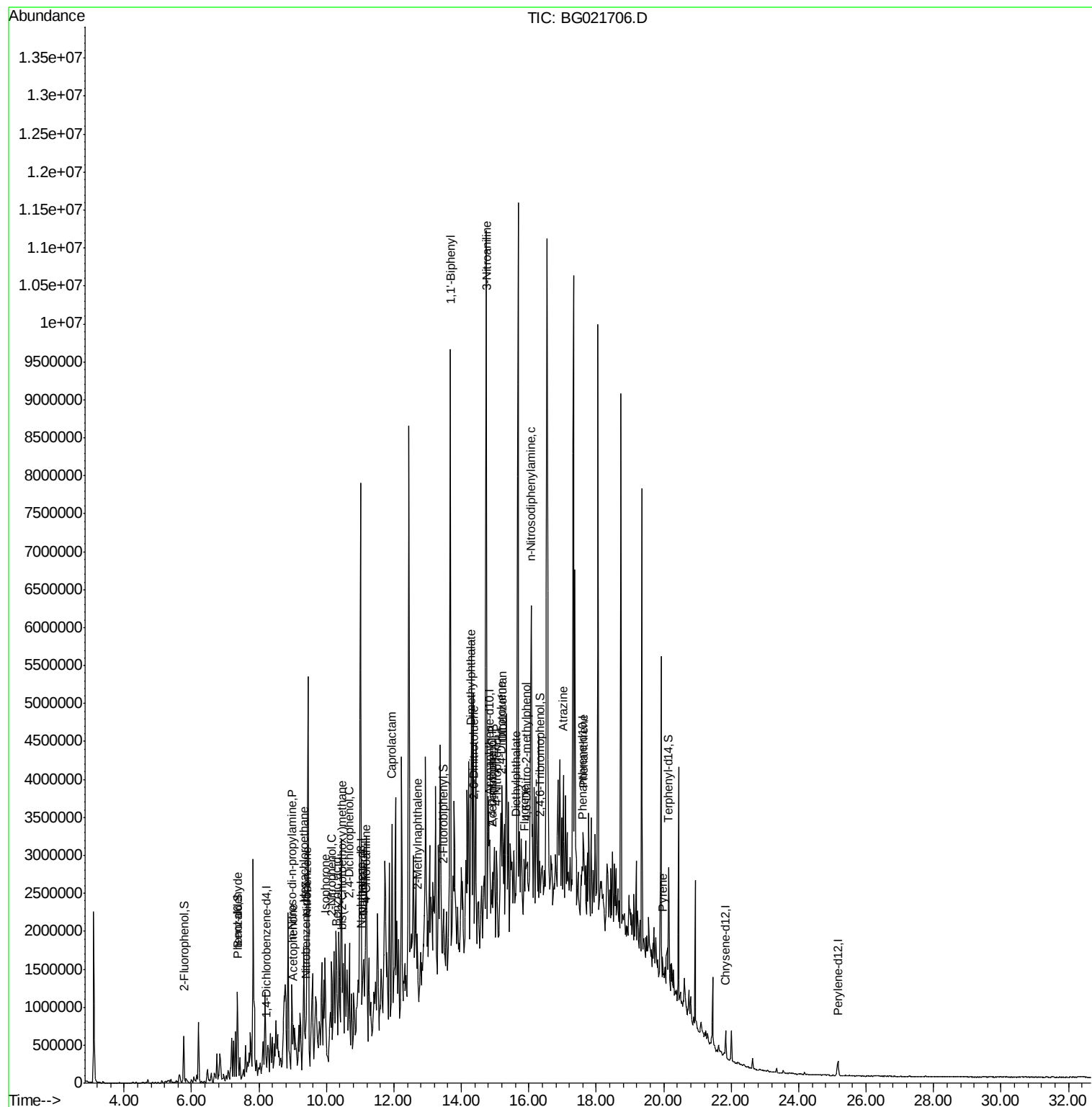
Target Compounds						Qvalue
9) Benzaldehyde	7.36	77	20438	11.76	ng	# 1
18) Hexachloroethane	9.33	117	134747	135.02	ng	# 1
19) n-Nitroso-di-n-propylamine	8.98	70	38088	16.31	ng	# 53
22) Acetophenone	9.03	105	376433	98.99	ng	# 53
24) Nitrobenzene	9.41	77	24873	8.75	ng	# 23
25) Isophorone	9.96	82	138349	23.80	ng	# 1
26) 2-Nitrophenol	10.15	139	9344	8.61	ng	# 1
28) bis(2-Chloroethoxy)methane	10.47	93	26417	8.55	ng	# 1
29) 2,4-Dichlorophenol	10.68	162	4818	2.29	ng	# 5
31) Naphthalene	11.09	128	178231	24.39	ng	# 68
32) Benzoic acid	10.31	122	402	4.59	ng	# 1
33) 4-Chloroaniline	11.15	127	23597	7.46	ng	# 1
35) Caprolactam	11.94	113	26080	27.10	ng	# 1
37) 2-Methylnaphthalene	12.69	142	399862	79.72	ng	# 93
45) 1,1'-Biphenyl	13.68	154	148801	17.84	ng	# 97
49) Dimethylphthalate	14.28	163	55425	6.48	ng	# 62
50) 2,6-Dinitrotoluene	14.37	165	17865	10.95	ng	# 64
51) Acenaphthene	14.91	154	17063	2.62	ng	# 1
52) 3-Nitroaniline	14.74	138	6255	3.46	ng	# 61
53) 2,4-Dinitrophenol	14.91	184	1471	9.58	ng	# 1
54) Dibenzofuran	15.22	168	33838	3.80	ng	# 8
55) 4-Nitrophenol	15.04	139	22122	14.28	ng	# 11
56) 2,4-Dinitrotoluene	15.18	165	4792	2.17	ng	# 69
57) Fluorene	15.88	166	46350	5.83	ng	# 50
59) Diethylphthalate	15.62	149	20058	2.25	ng	# 48
64) 4,6-Dinitro-2-methylphenol	15.93	198	1226	6.84	ng	# 1
65) n-Nitrosodiphenylamine	16.08	169	187374	34.47	ng	# 57
68) Atrazine	17.03	200	25774	12.01	ng	# 70
70) Phenanthrene	17.62	178	53985	5.41	ng	# 73
77) Pyrene	19.97	202	74606	6.08	ng	# 89

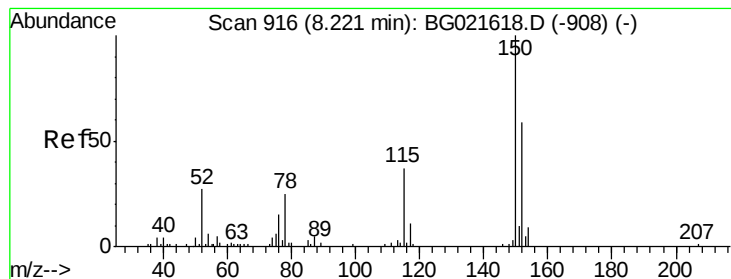
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

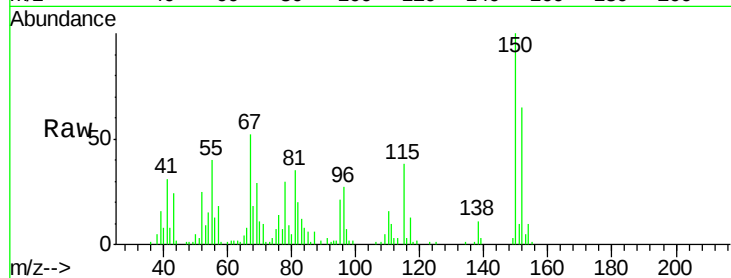
Tgt Ion:152 Resp: 33502

Ion Ratio Lower Upper

152 100

150 153.3 130.1 195.1

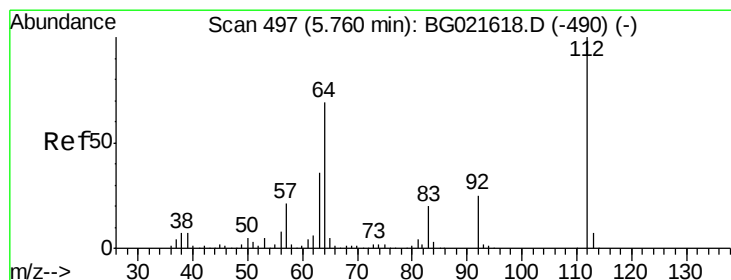
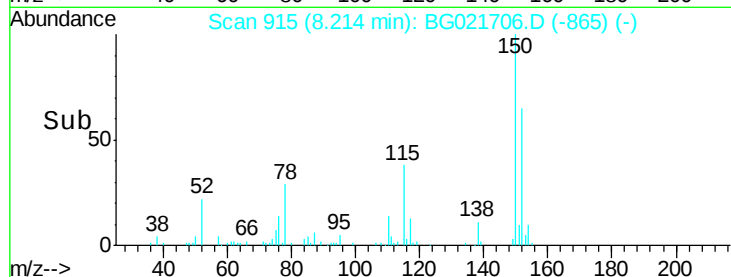
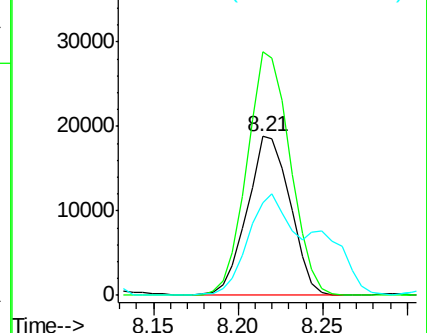
115 58.7 62.2 93.2#



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



#5

2-Fluorophenol

Concen: 107.06 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

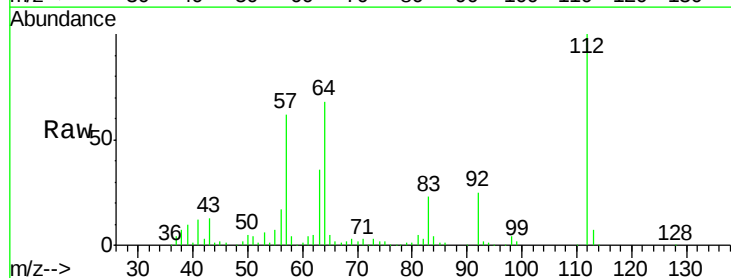
Tgt Ion:112 Resp: 215376

Ion Ratio Lower Upper

112 100

64 68.0 51.1 76.7

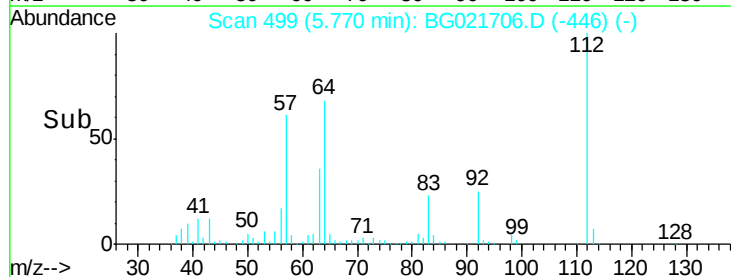
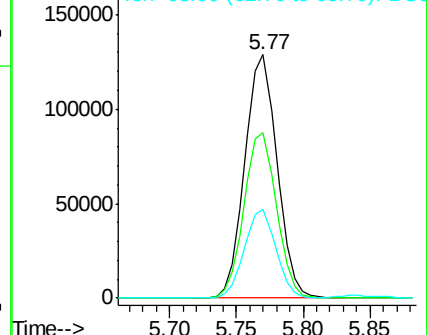
63 36.4 24.6 37.0

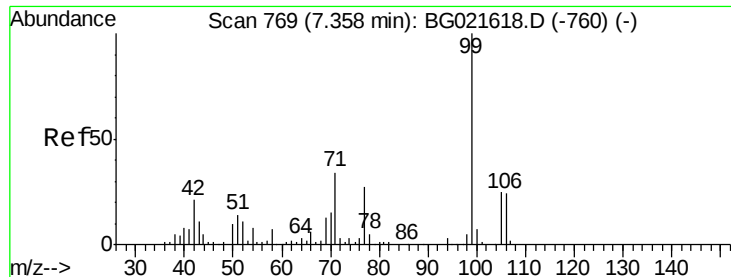


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.83 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

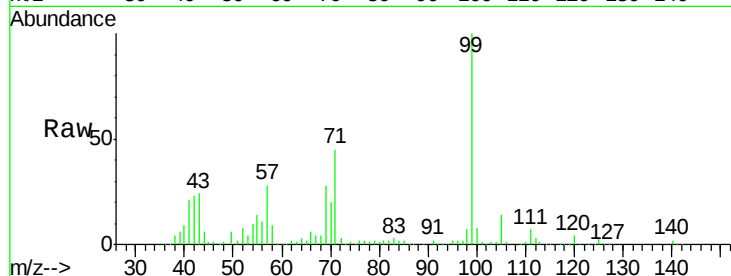
Tgt Ion: 99 Resp: 303009

Ion Ratio Lower Upper

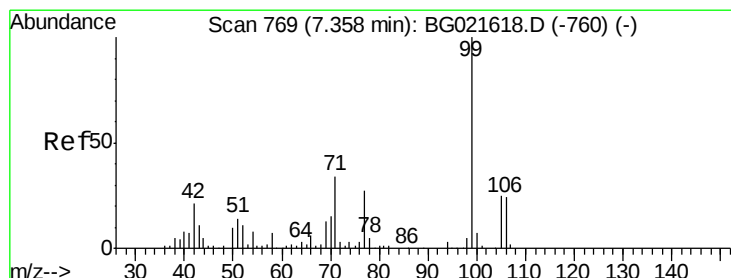
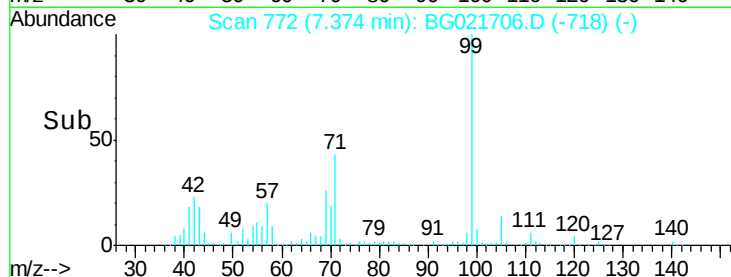
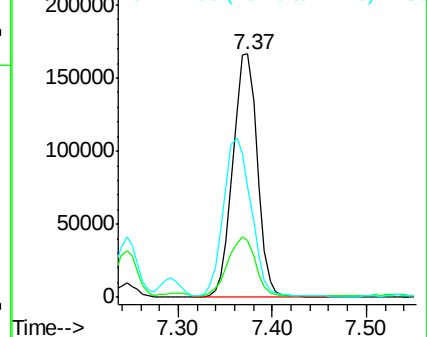
99 100

42 23.3 16.4 24.6

71 45.3 25.0 37.4#



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: 11.76 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

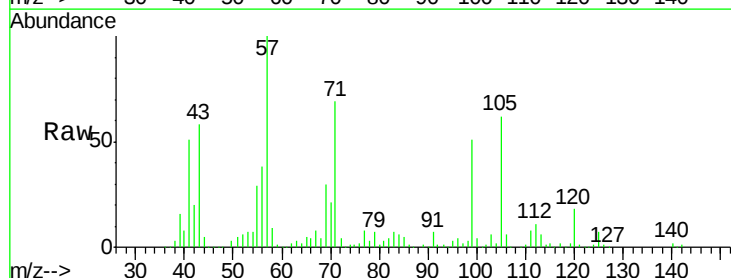
Tgt Ion: 77 Resp: 20438

Ion Ratio Lower Upper

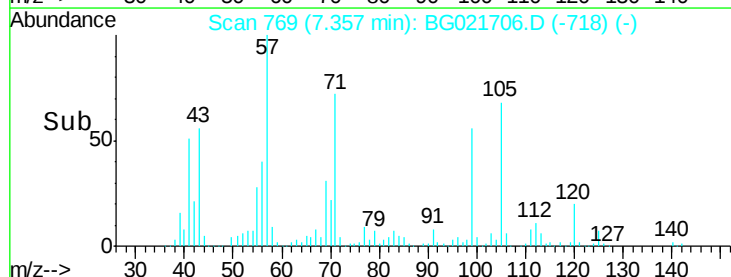
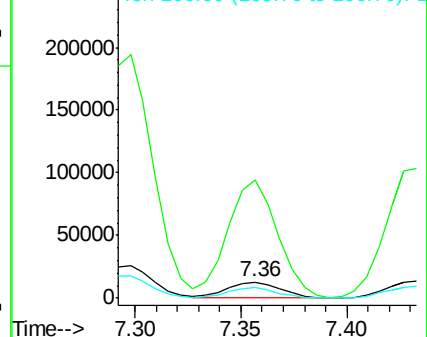
77 100

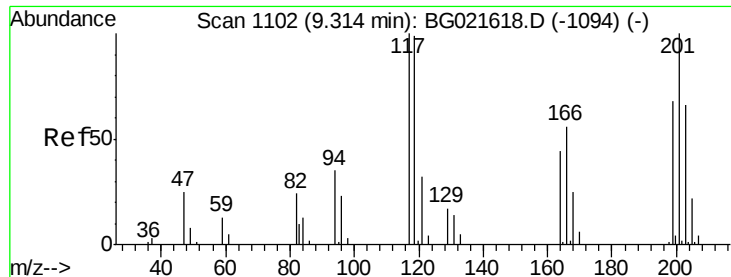
105 745.4 62.1 102.1#

106 69.3 65.6 105.6



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

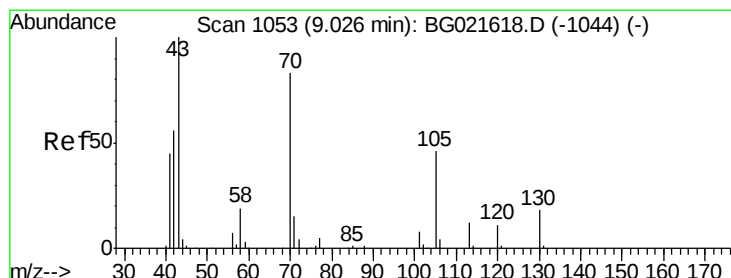
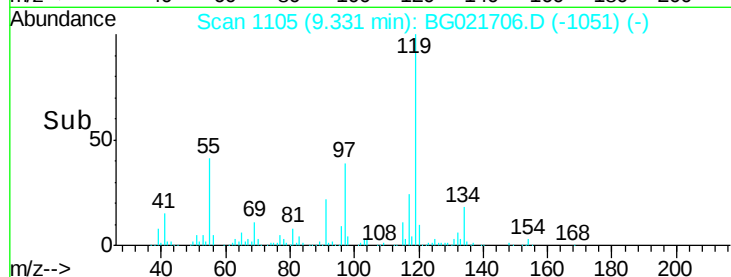
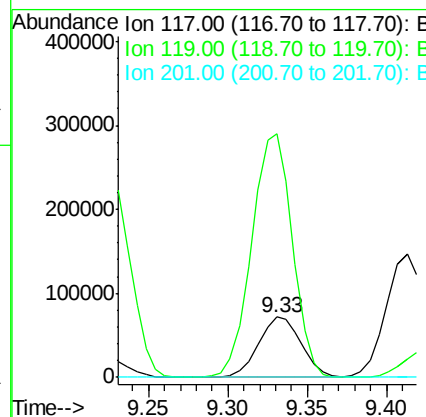
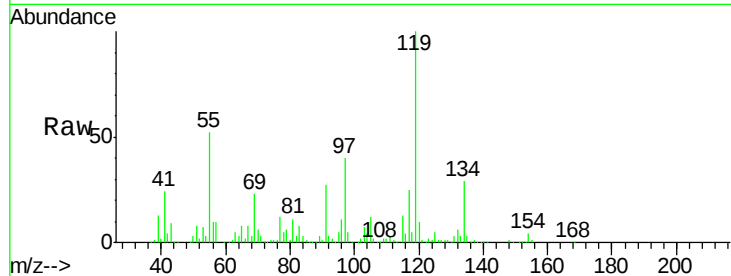




#18
Hexachloroethane
Concen: 135.02 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

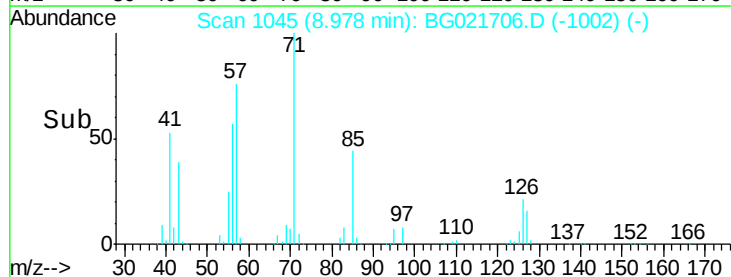
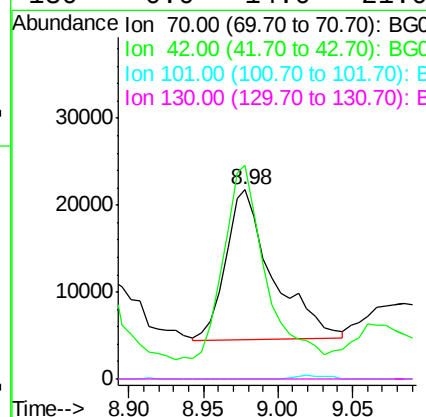
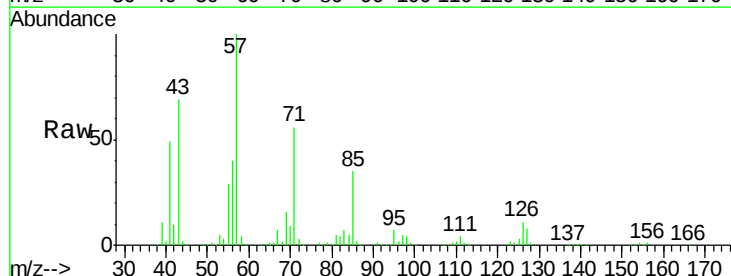
Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

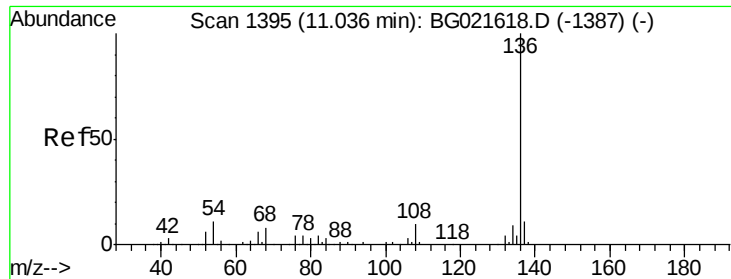
Tgt Ion: 117 Resp: 134747
Ion Ratio Lower Upper
117 100
119 406.0 63.9 95.9#
201 0.0 61.2 91.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.05 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion: 70 Resp: 38088
Ion Ratio Lower Upper
70 100
42 113.1 56.7 85.1#
101 0.0 8.2 12.4#
130 0.0 14.0 21.0#

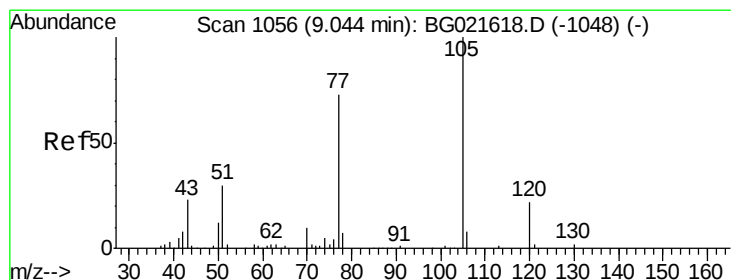
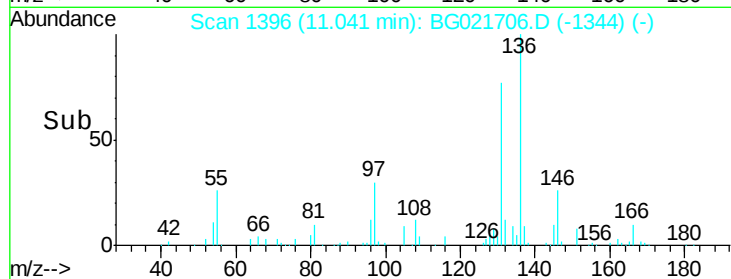
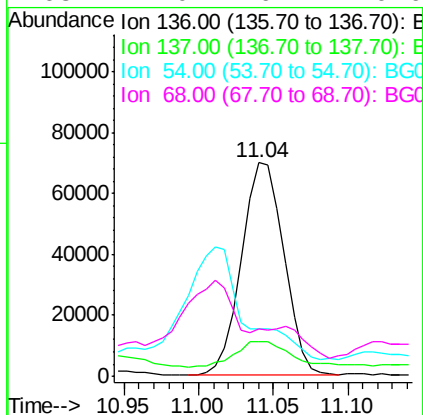
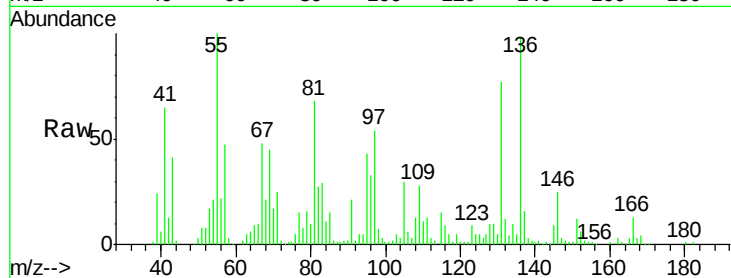




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

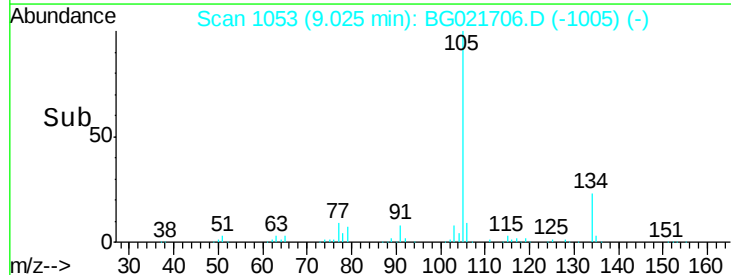
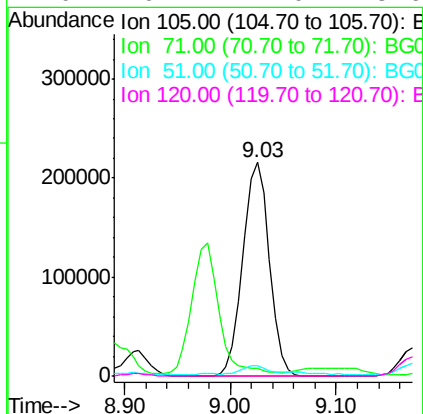
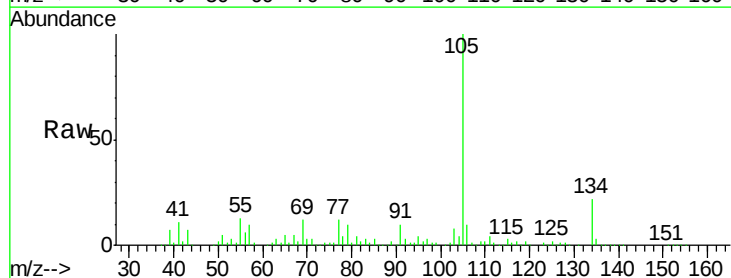
Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

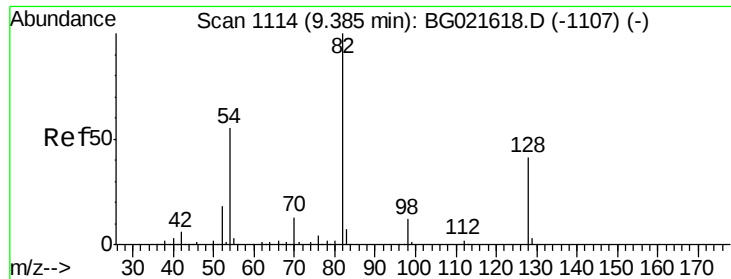
Tgt Ion:	136	Resp:	136529
Ion	Ratio	Lower	Upper
136	100		
137	16.2	9.0	13.4#
54	21.9	9.6	14.4#
68	22.0	6.4	9.6#



#22
Acetophenone
Concen: 98.99 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:	105	Resp:	376433
Ion	Ratio	Lower	Upper
105	100		
71	3.4	0.0	0.0#
51	4.9	25.7	38.5#
120	0.2	17.0	25.6#

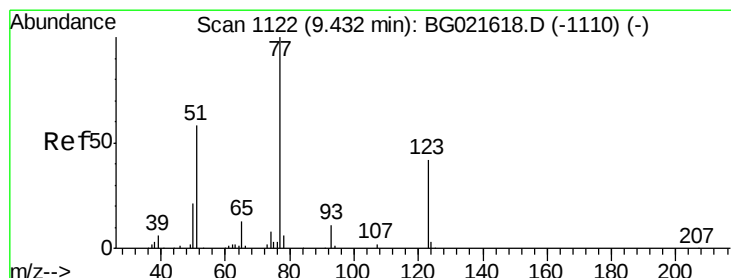
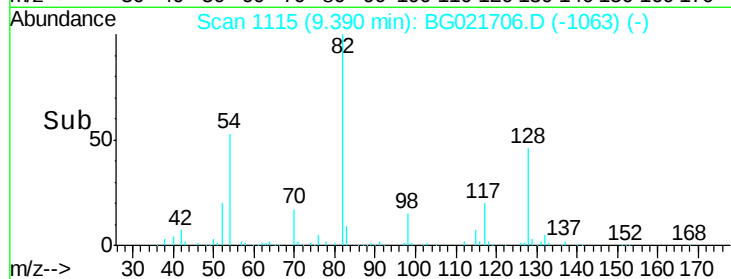
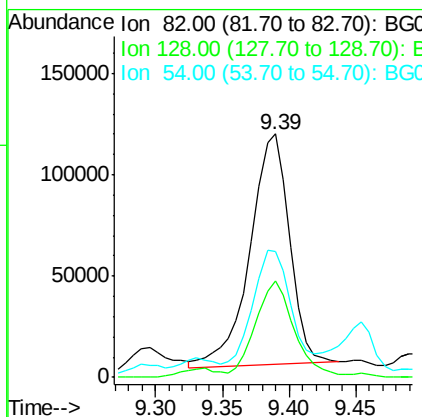
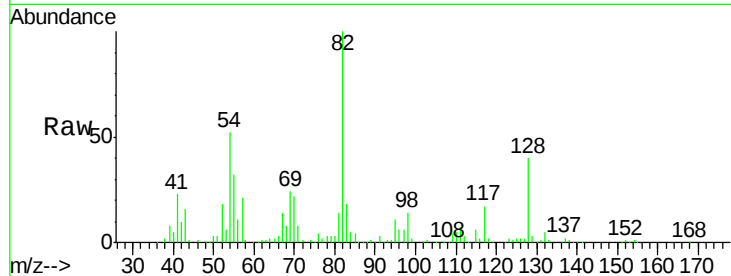




#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

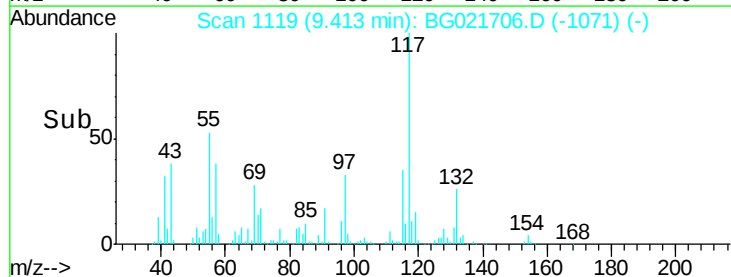
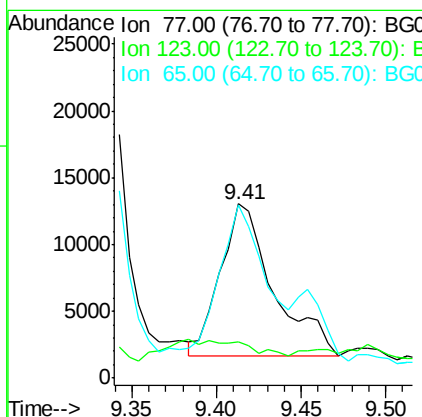
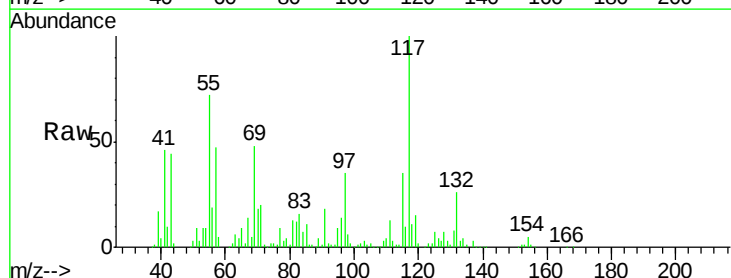
Instrument :
BNA_G
ClientSampled :
SB-2-5-10

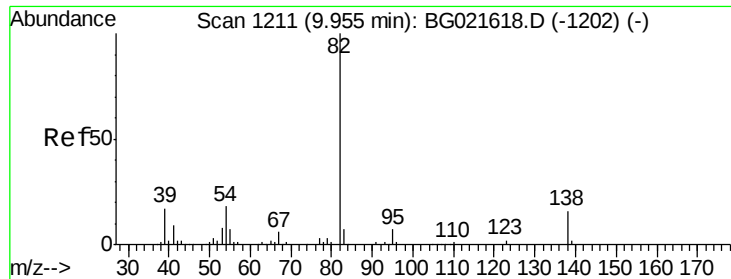
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.4	50.0
54	51.6	46.1	69.1



#24
Nitrobenzene
Concen: 8.75 ng
RT: 9.41 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	20.7	32.2	48.4#
65	99.5	10.3	15.5#





#25

Isophorone

Concen: 23.80 ng

RT: 9.96 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

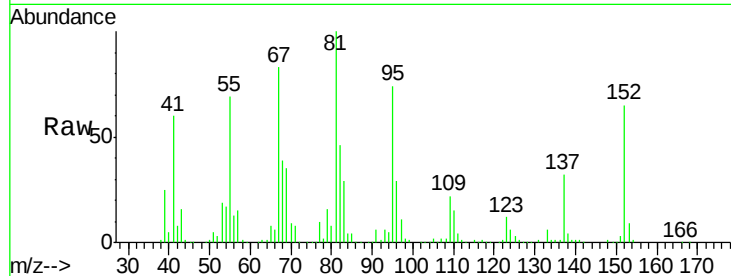
Tgt Ion: 82 Resp: 138349

Ion Ratio Lower Upper

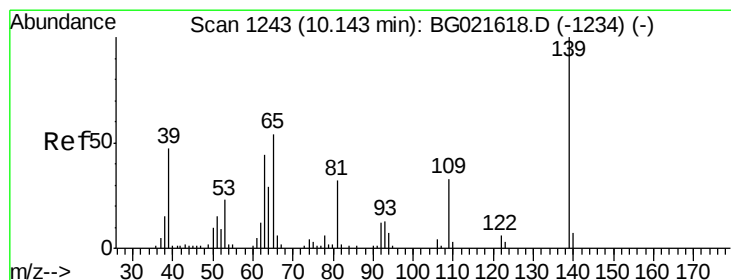
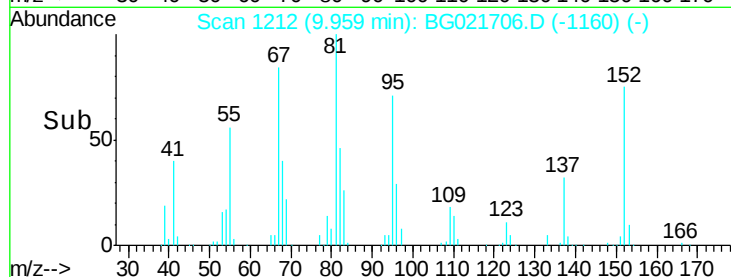
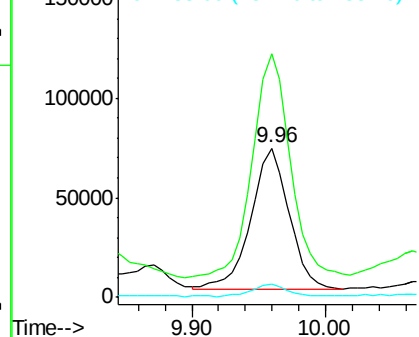
82 100

95 162.8 6.0 9.0#

138 8.5 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 8.61 ng

RT: 10.15 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

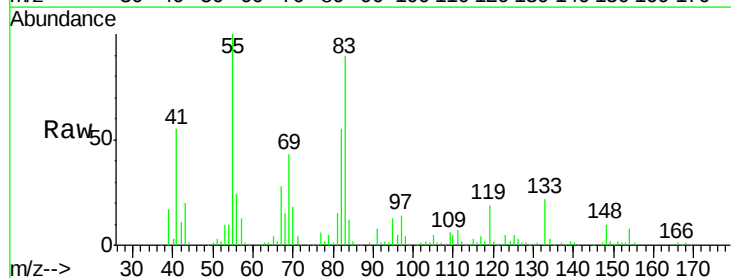
Tgt Ion: 139 Resp: 9344

Ion Ratio Lower Upper

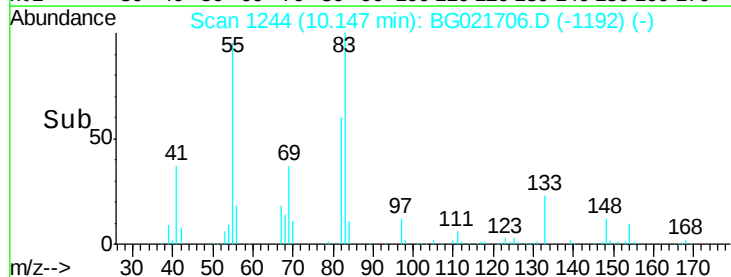
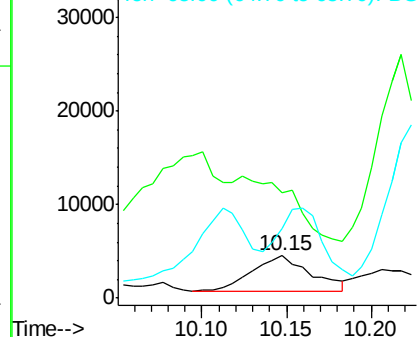
139 100

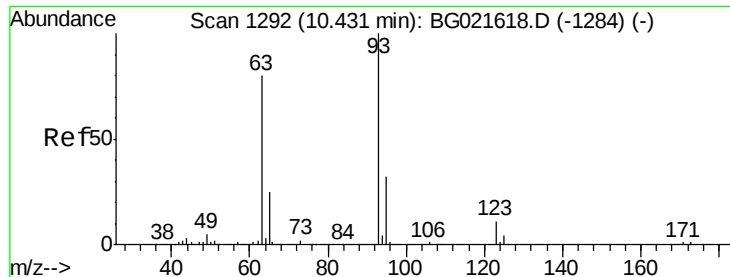
109 251.4 26.6 40.0#

65 166.0 45.3 67.9#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

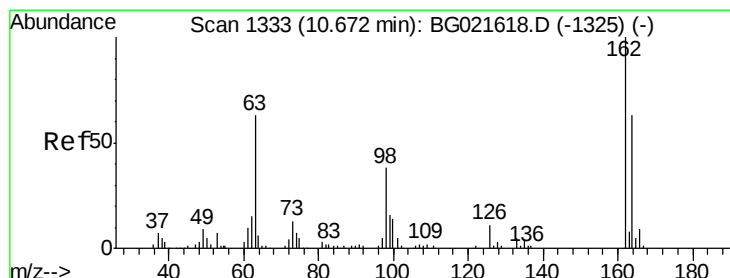
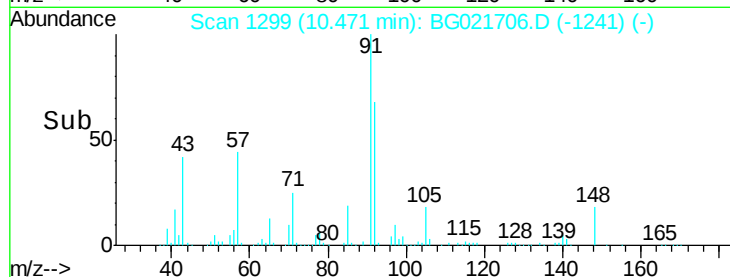
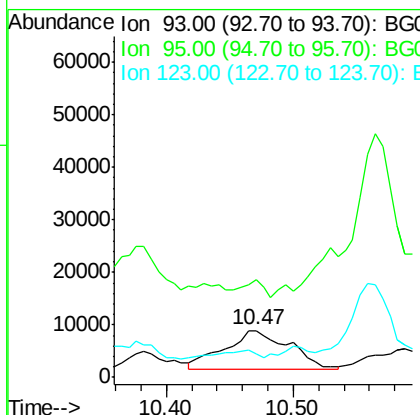
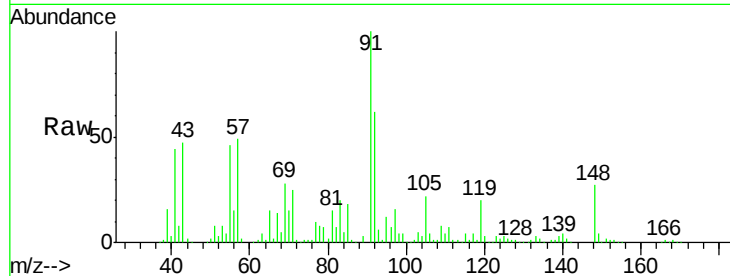




#28
 bis(2-Chloroethoxy)methane
 Concen: 8.55 ng
 RT: 10.47 min Scan# 1299
 Delta R.T. 0.04 min
 Lab File: BG021706.D
 Acq: 16 Apr 2016 7:29

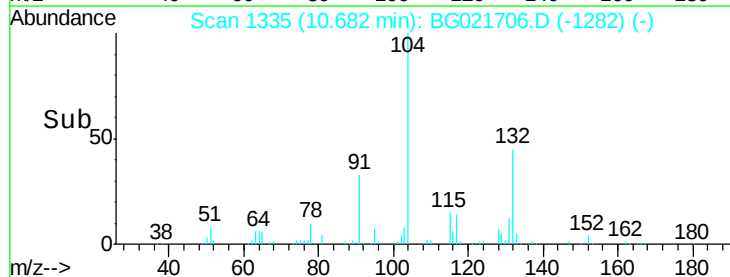
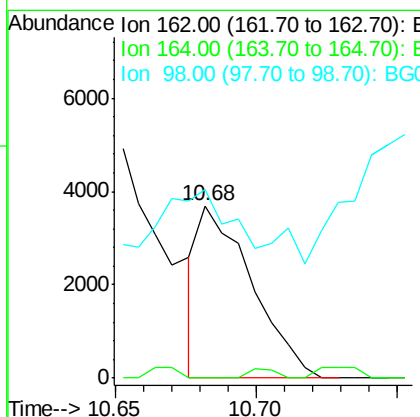
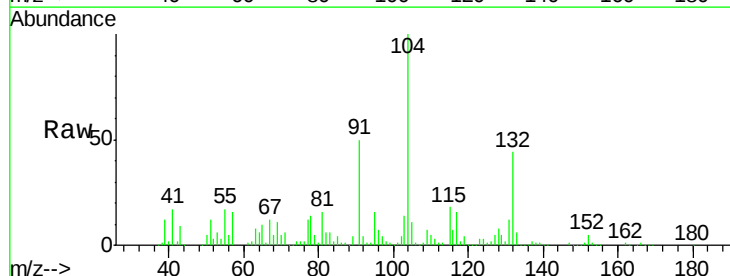
Instrument :
 BNA_G
 ClientSampleId :
 SB-2-5-10

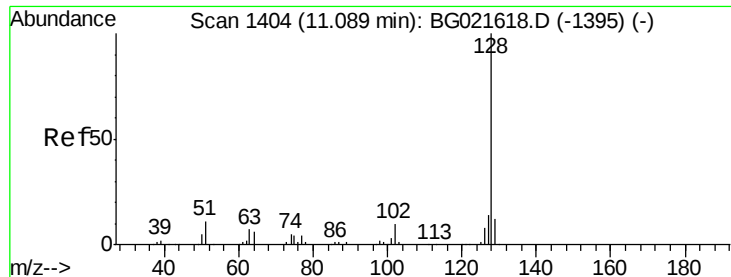
Tgt Ion: 93 Resp: 26417
 Ion Ratio Lower Upper
 93 100
 95 207.2 30.1 45.1#
 123 49.4 10.2 15.4#



#29
 2,4-Dichlorophenol
 Concen: 2.29 ng
 RT: 10.68 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BG021706.D
 Acq: 16 Apr 2016 7:29

Tgt Ion: 162 Resp: 4818
 Ion Ratio Lower Upper
 162 100
 164 0.0 44.9 84.9#
 98 109.7 19.2 59.2#

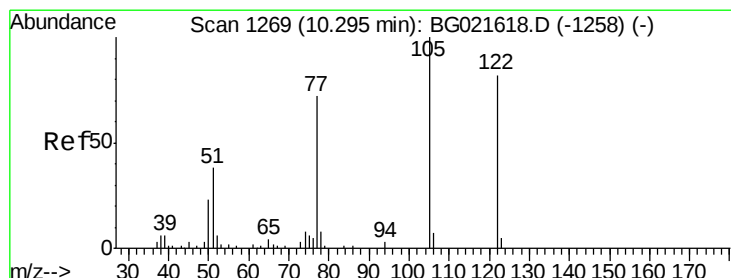
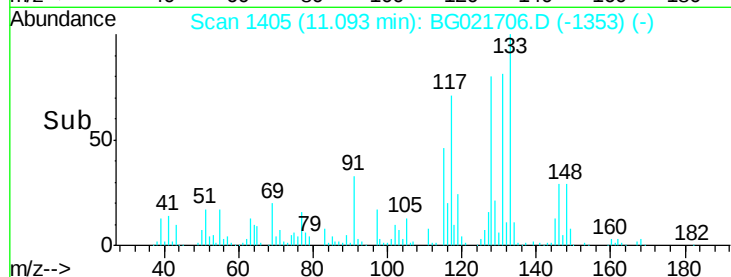
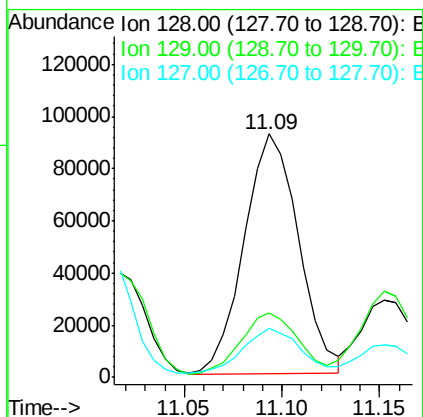
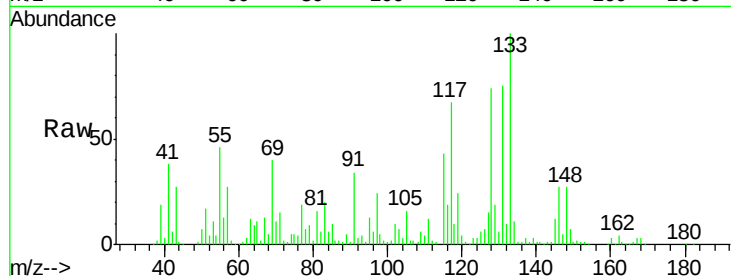




#31
Naphthalene
Concen: 24.39 ng
RT: 11.09 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

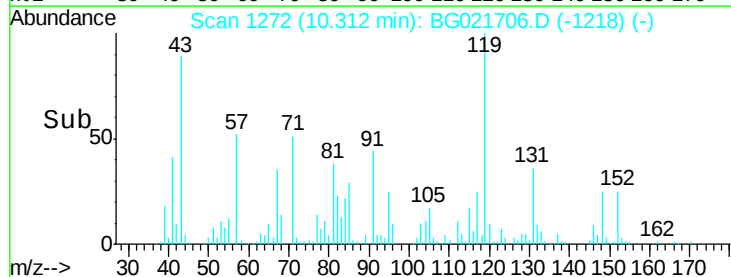
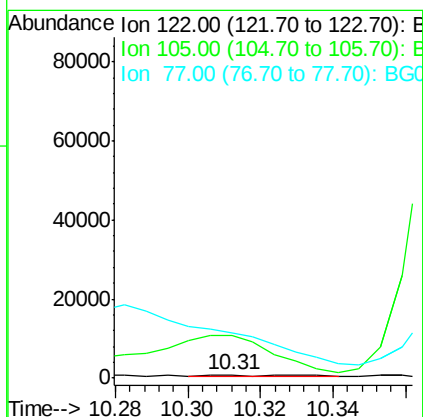
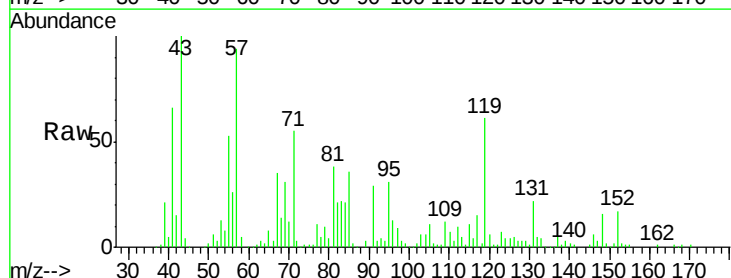
Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

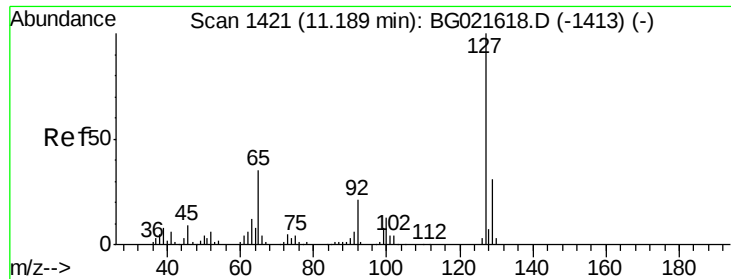
Tgt Ion:128 Resp: 178231
Ion Ratio Lower Upper
128 100
129 26.3 7.0 10.6#
127 20.3 10.1 15.1#



#32
Benzoic acid
Concen: 4.59 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:122 Resp: 402
Ion Ratio Lower Upper
122 100
105 1419.3 104.5 144.5#
77 1511.9 79.9 119.9#

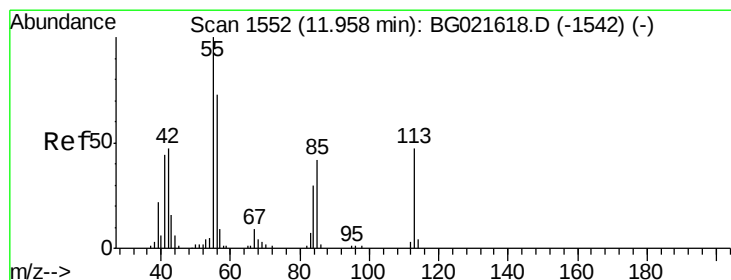
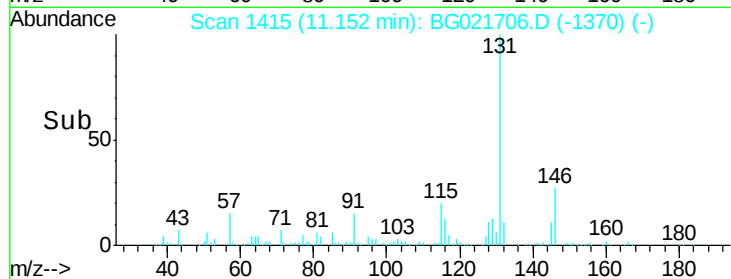
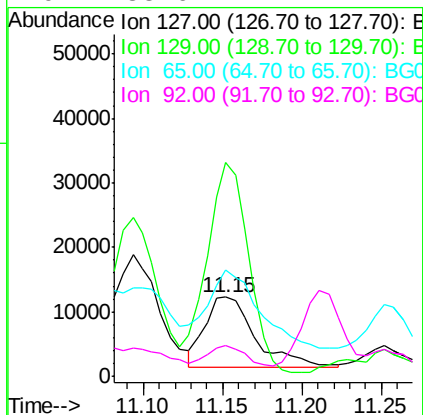
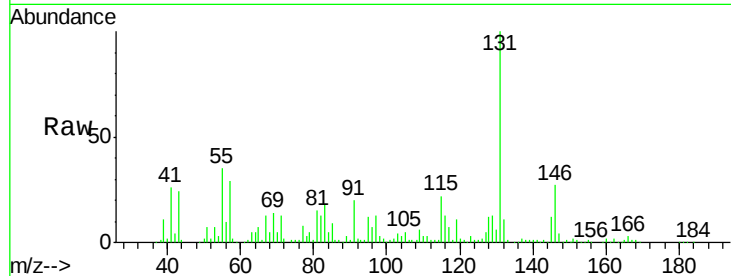




#33
4-Chloroaniline
Concen: 7.46 ng
RT: 11.15 min Scan# 1415
Delta R.T. -0.04 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

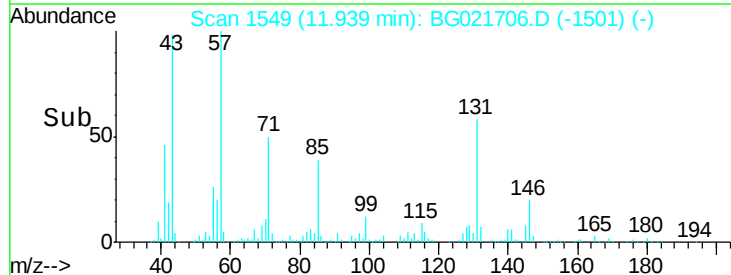
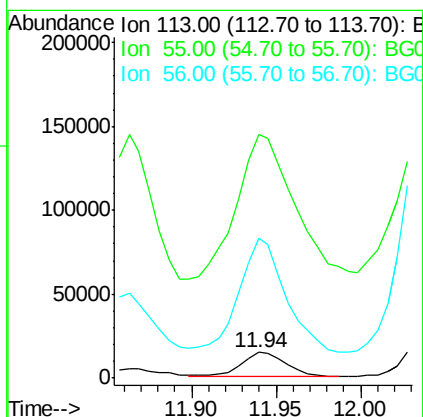
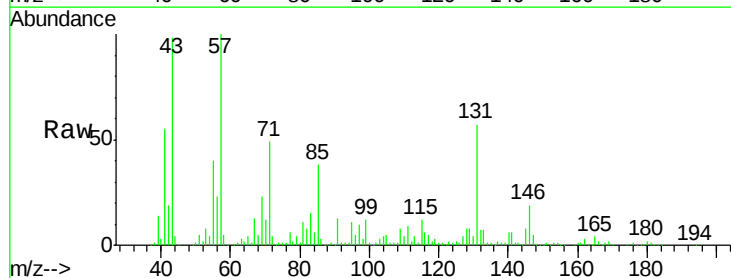
Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

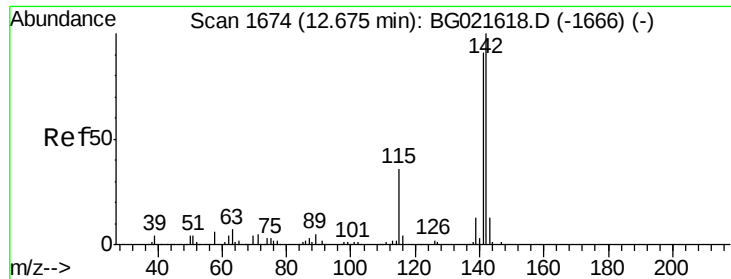
Tgt Ion:127 Resp: 23597
Ion Ratio Lower Upper
127 100
129 269.7 26.6 39.8#
65 133.4 27.5 41.3#
92 38.6 14.7 22.1#



#35
Caprolactam
Concen: 27.10 ng
RT: 11.94 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:113 Resp: 26080
Ion Ratio Lower Upper
113 100
55 949.8 194.2 234.2#
56 546.5 122.6 162.6#

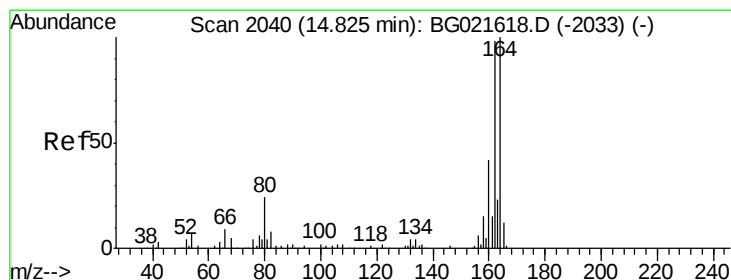
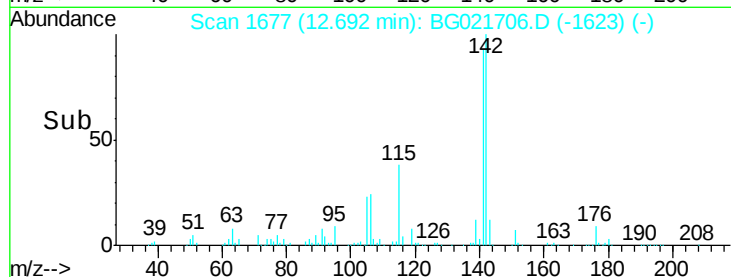
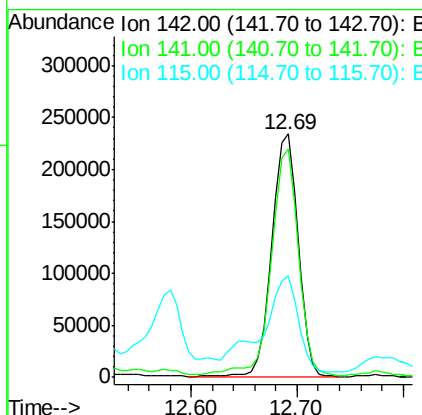
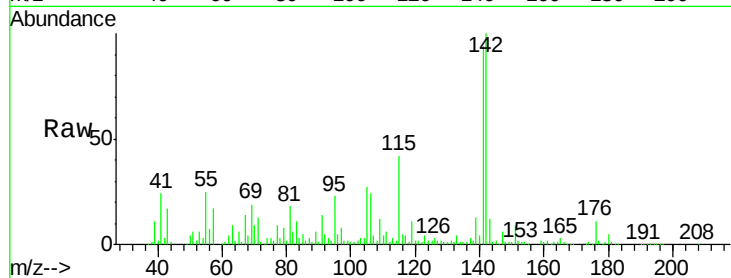




#37
2-Methylnaphthalene
Concen: 79.72 ng
RT: 12.69 min Scan# 1677
Delta R.T. 0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

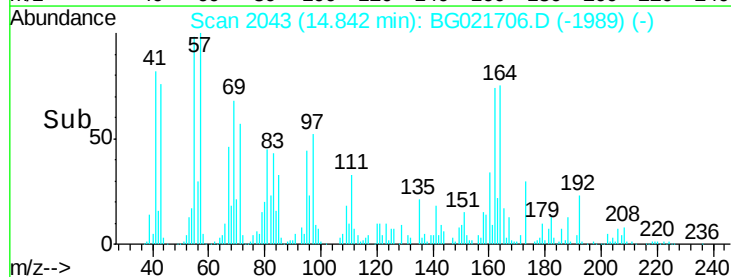
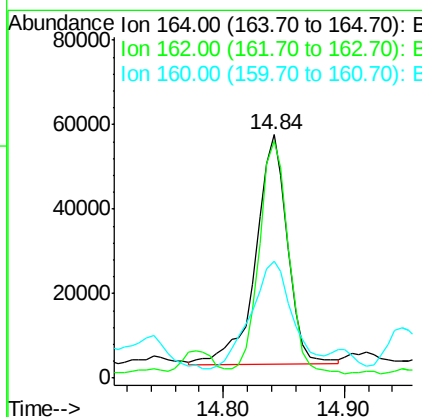
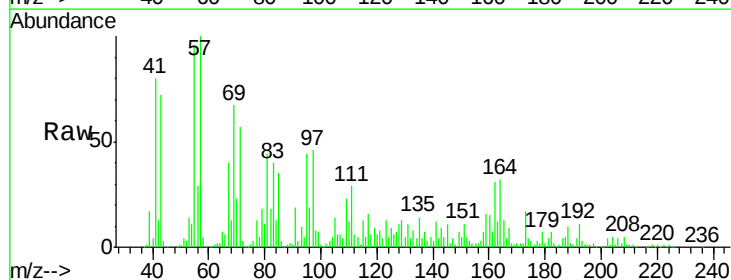
Instrument :
BNA_G
ClientSampled :
SB-2-5-10

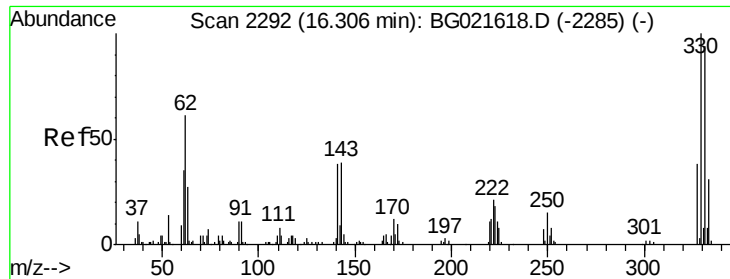
Tgt Ion:142 Resp: 399862
Ion Ratio Lower Upper
142 100
141 93.9 71.4 107.0
115 41.5 27.4 41.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2043
Delta R.T. 0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:164 Resp: 98983
Ion Ratio Lower Upper
164 100
162 97.6 78.0 117.0
160 48.0 32.9 49.3

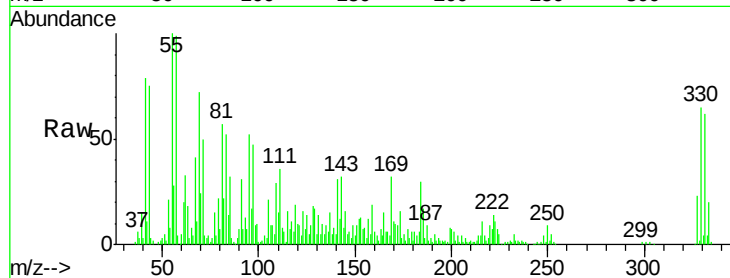




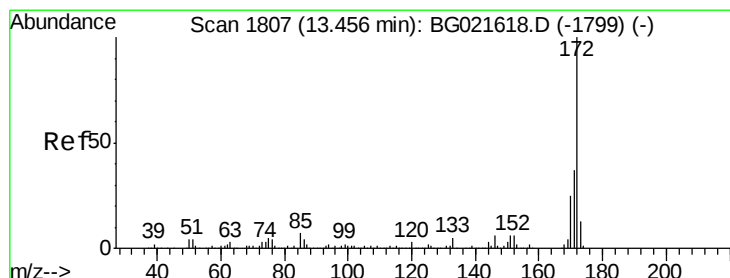
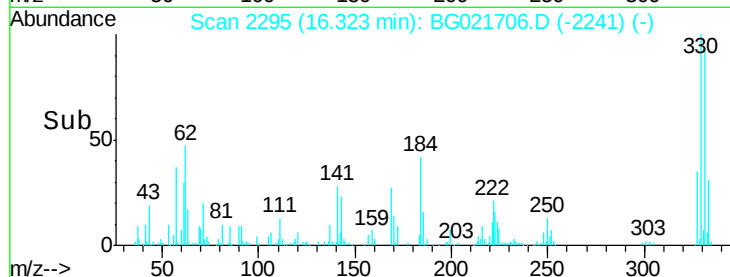
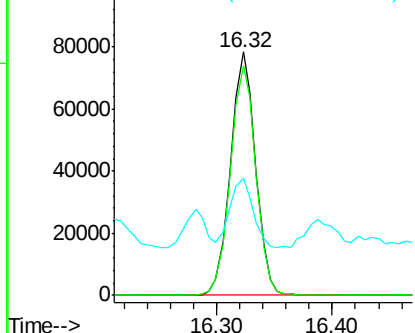
#41
 2,4,6-Tribromophenol
 Concen: 109.94 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.02 min
 Lab File: BG021706.D
 Acq: 16 Apr 2016 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-5-10

Tgt Ion:330 Resp: 117284
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 26.5 33.8 50.8#

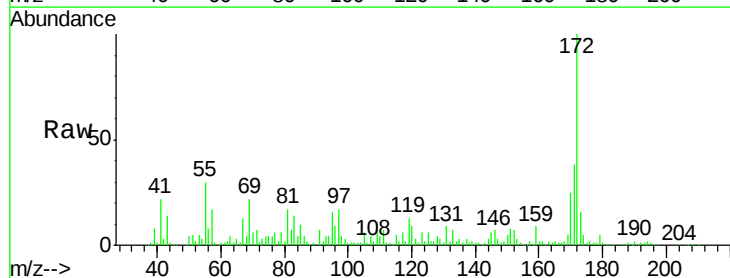


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

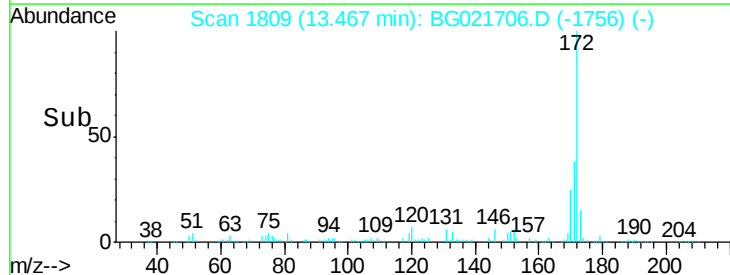
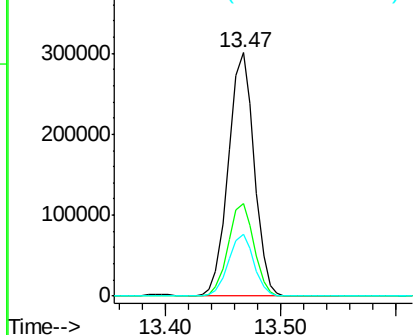


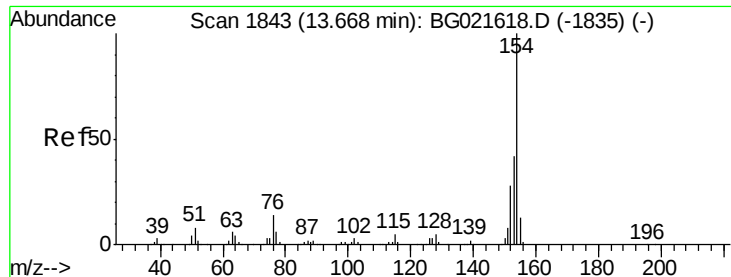
#44
 2-Fluorobiphenyl
 Concen: 68.87 ng
 RT: 13.47 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BG021706.D
 Acq: 16 Apr 2016 7:29

Tgt Ion:172 Resp: 465273
 Ion Ratio Lower Upper
 172 100
 171 38.0 27.8 41.6
 170 25.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 17.84 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

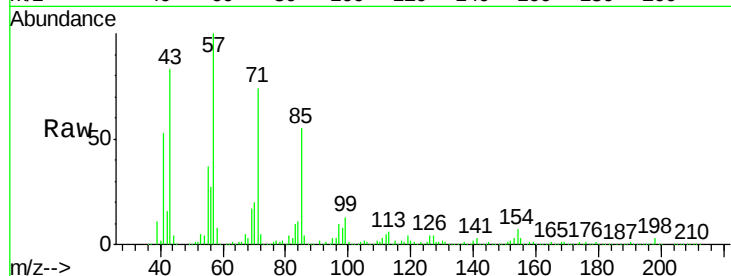
Tgt Ion:154 Resp: 148801

Ion Ratio Lower Upper

154 100

153 37.9 19.7 59.7

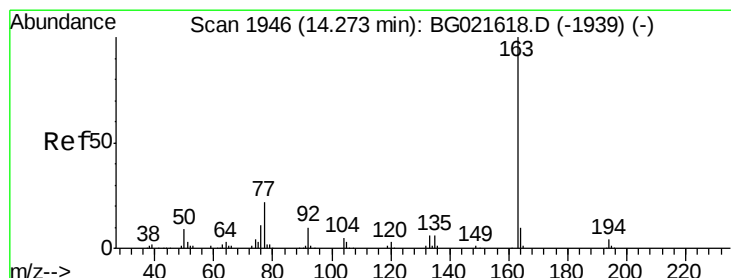
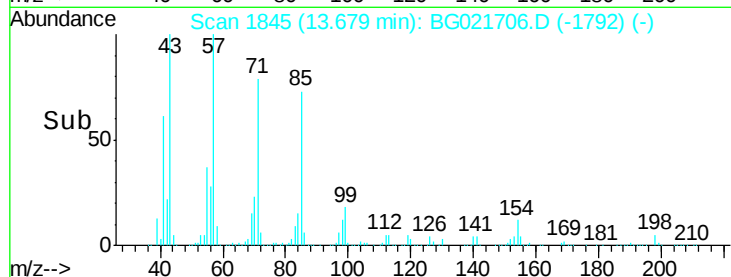
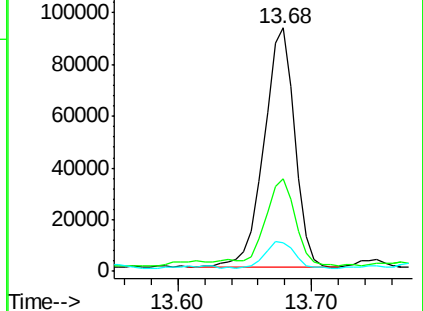
76 11.8 0.0 33.0



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): BGC



#49

Dimethylphthalate

Concen: 6.48 ng

RT: 14.28 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

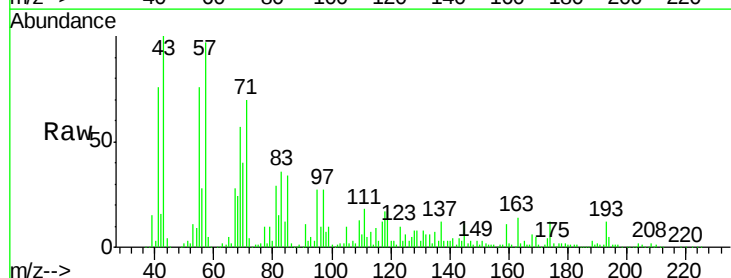
Tgt Ion:163 Resp: 55425

Ion Ratio Lower Upper

163 100

194 37.1 3.0 4.6#

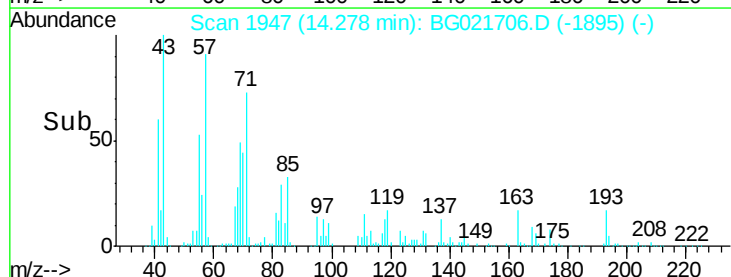
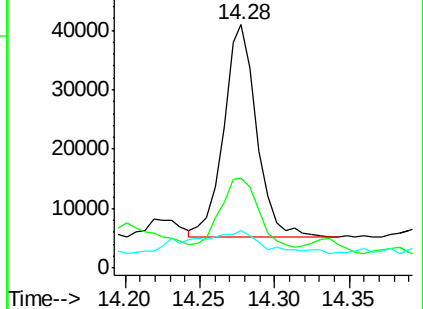
164 15.4 8.1 12.1#

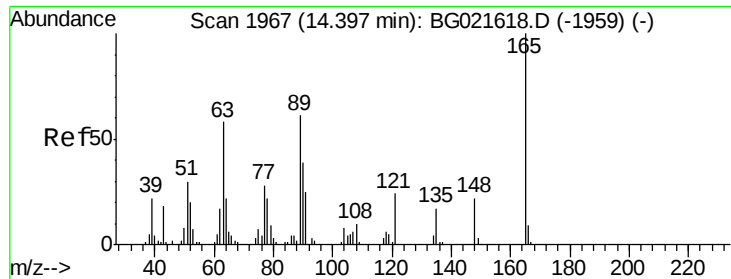


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

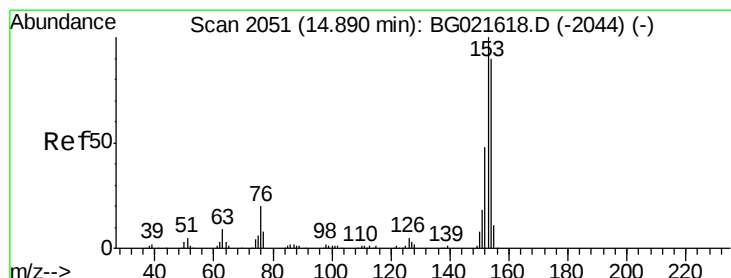
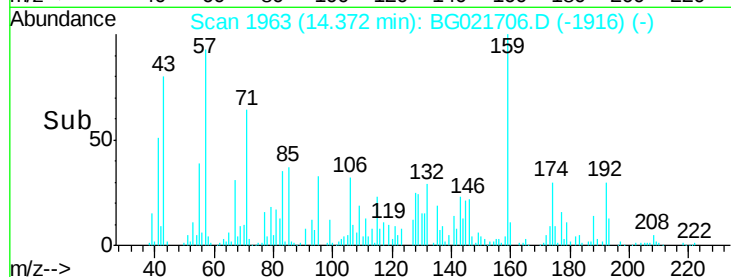
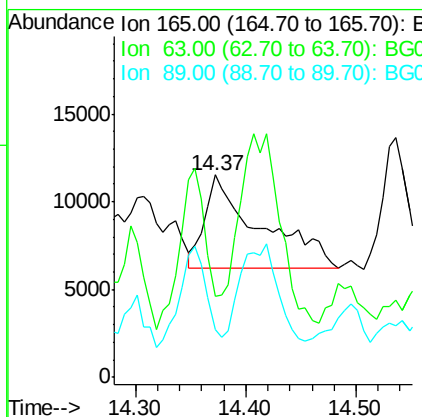
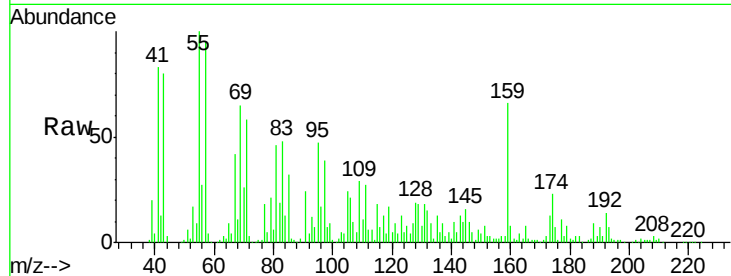




#50
2,6-Dinitrotoluene
Concen: 10.95 ng
RT: 14.37 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

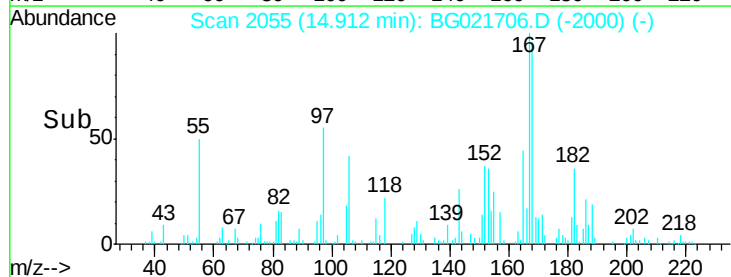
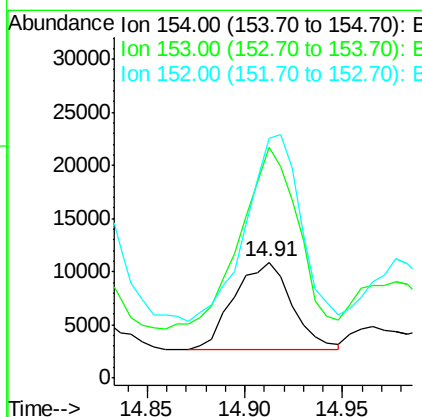
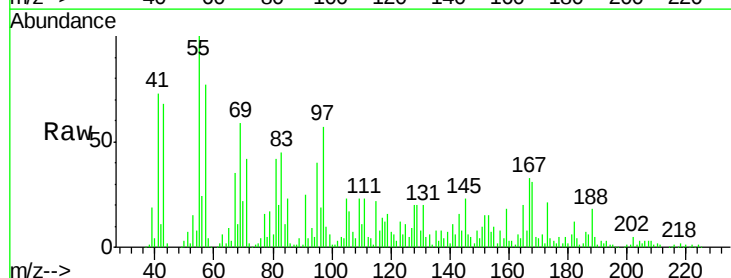
Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

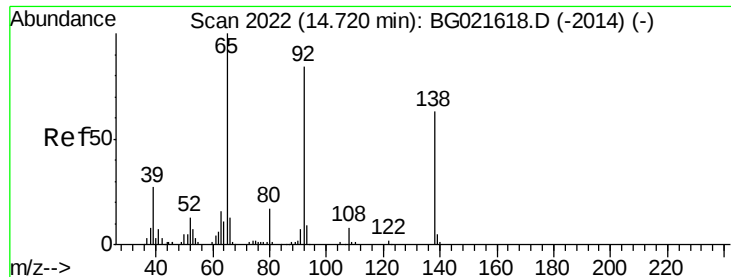
Tgt Ion:165 Resp: 17865
Ion Ratio Lower Upper
165 100
63 40.1 48.2 72.4#
89 23.6 45.3 67.9#



#51
Acenaphthene
Concen: 2.62 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:154 Resp: 17063
Ion Ratio Lower Upper
154 100
153 198.9 91.9 137.9#
152 206.9 42.0 63.0#





#52

3-Nitroaniline

Concen: 3.46 ng

RT: 14.74 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

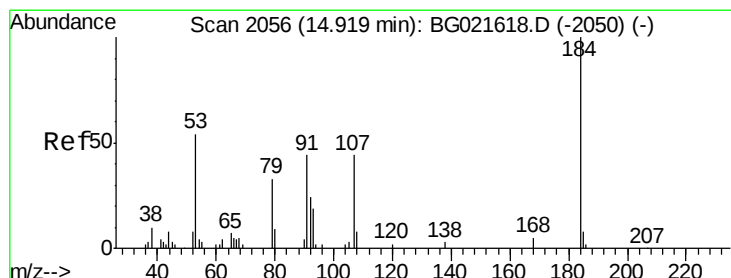
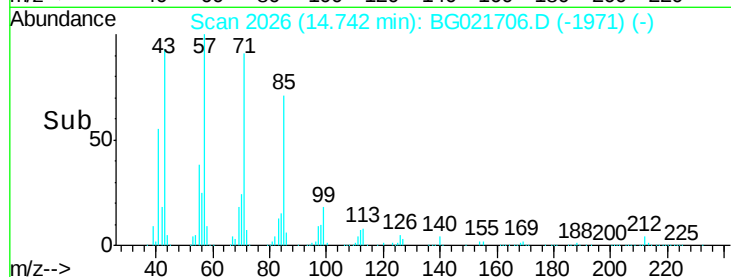
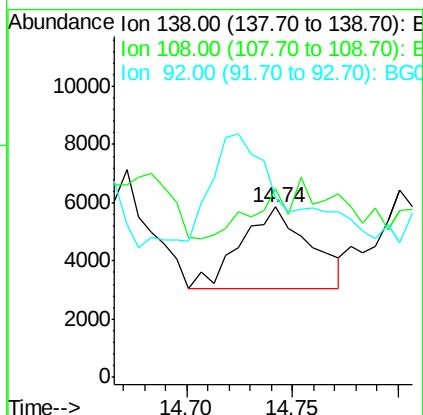
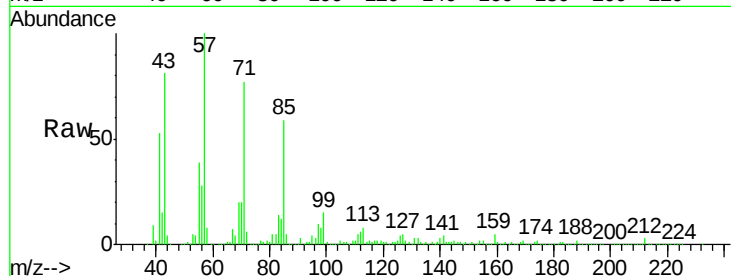
Tgt Ion:138 Resp: 6255

Ion Ratio Lower Upper

138 100

108 110.8 9.1 13.7#

92 105.7 102.6 154.0



#53

2,4-Dinitrophenol

Concen: 9.58 ng

RT: 14.91 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

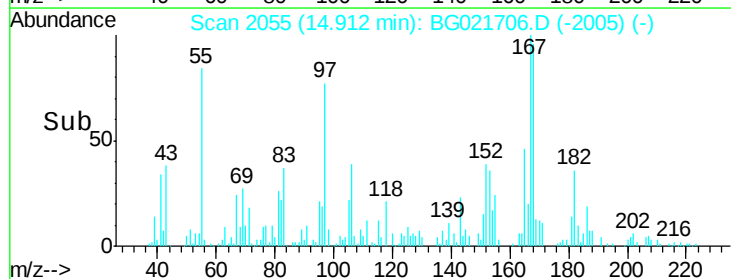
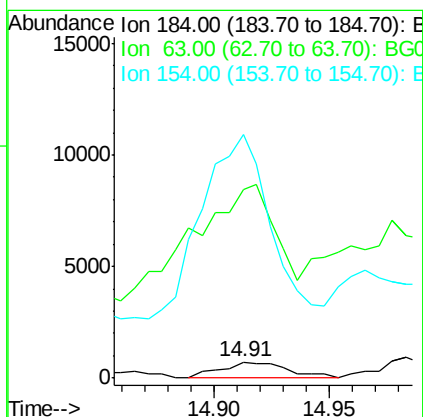
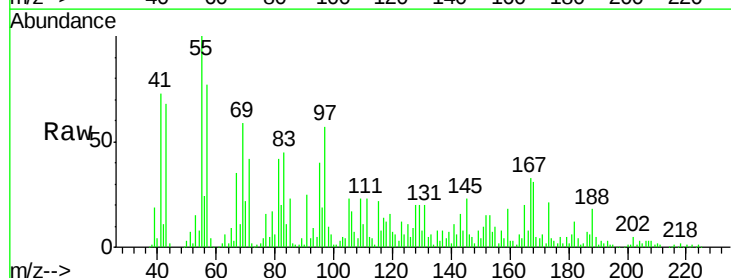
Tgt Ion:184 Resp: 1471

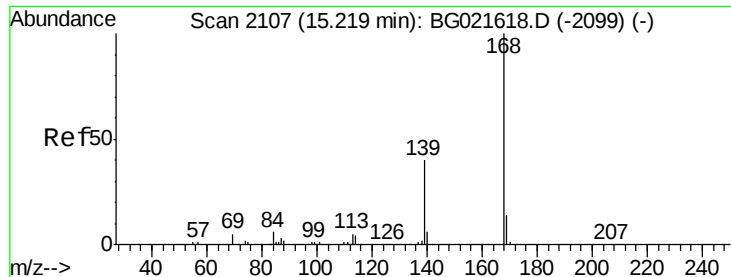
Ion Ratio Lower Upper

184 100

63 1156.5 57.3 85.9#

154 1488.4 55.2 82.8#





#54

Dibenzenofuran

Concen: 3.80 ng

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

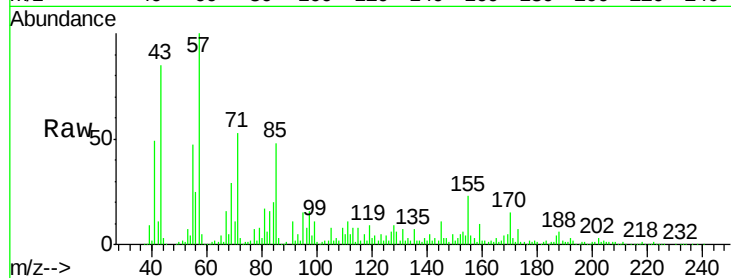
Tgt Ion:168 Resp: 33838

Ion Ratio Lower Upper

168 100

139 66.5 31.1 46.7#

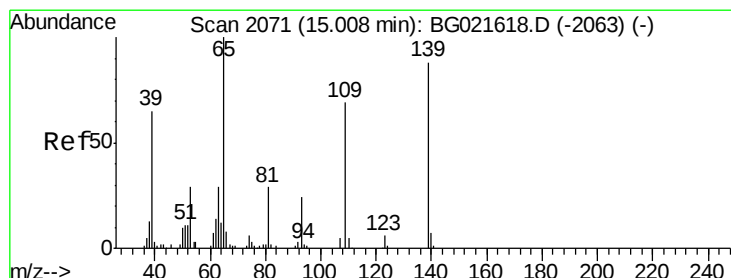
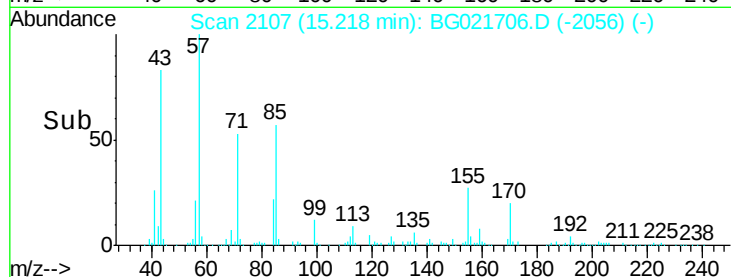
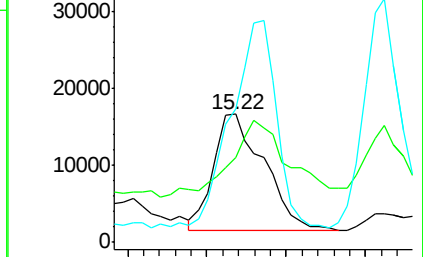
169 104.0 11.0 16.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 14.28 ng

RT: 15.04 min Scan# 2077

Delta R.T. 0.03 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

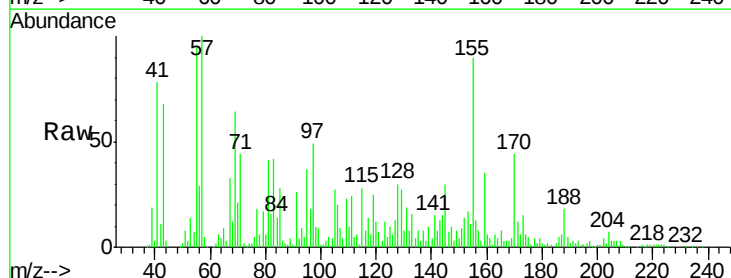
Tgt Ion:139 Resp: 22122

Ion Ratio Lower Upper

139 100

109 229.9 49.2 89.2#

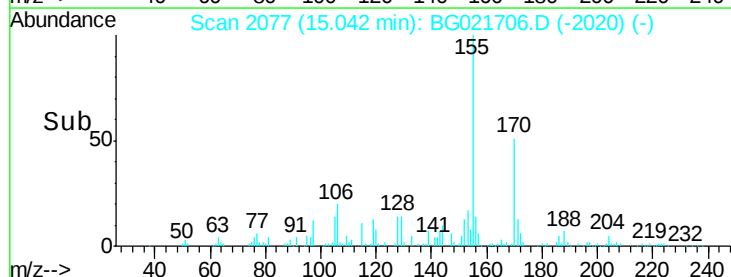
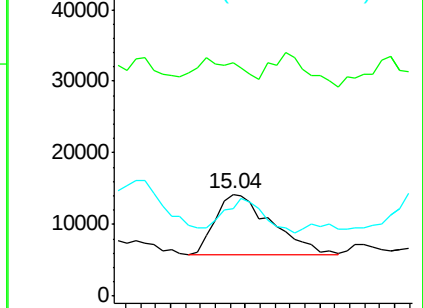
65 85.8 83.2 123.2

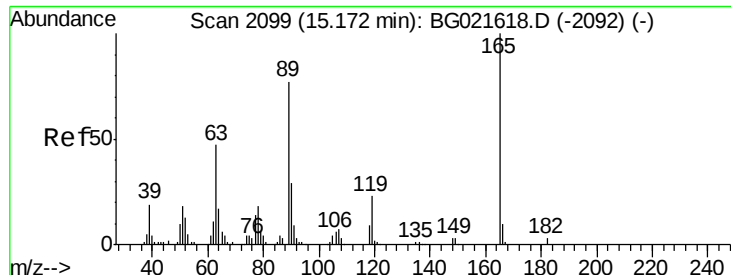


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

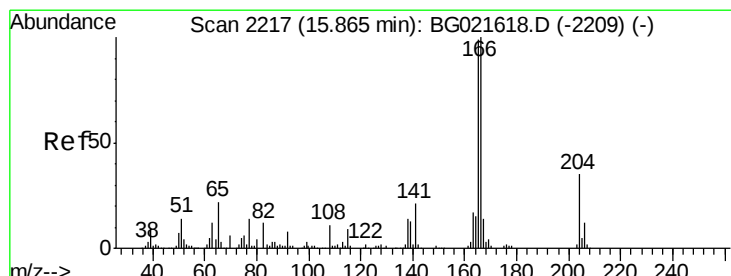
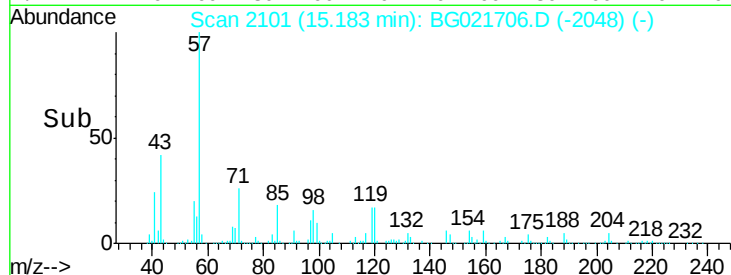
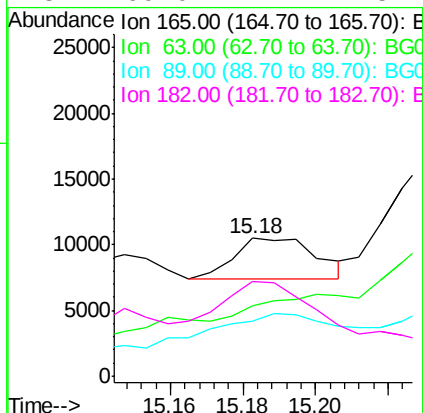
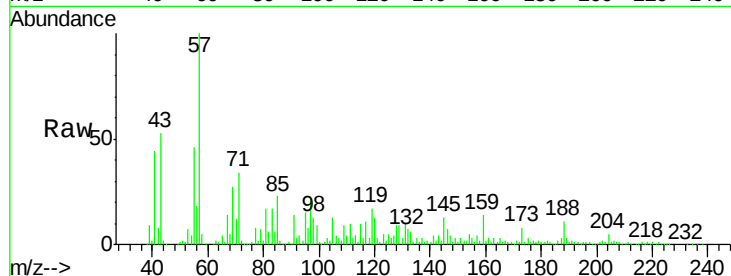




#56
2,4-Dinitrotoluene
Concen: 2.17 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

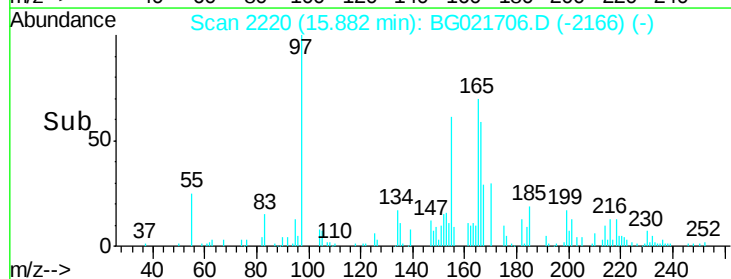
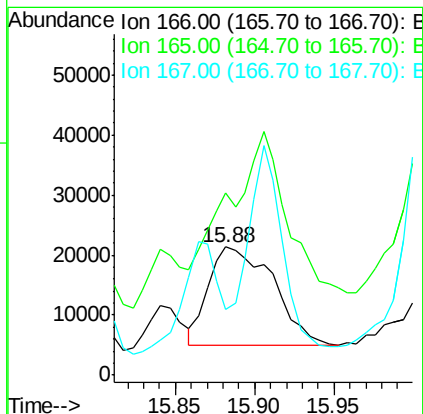
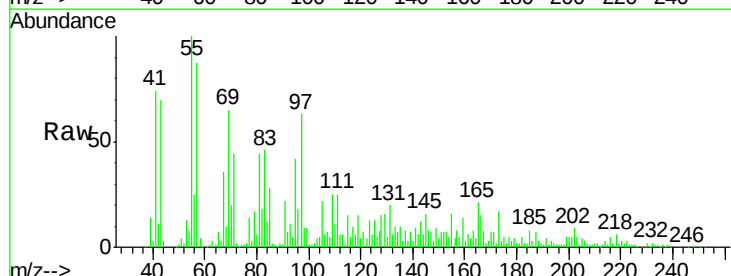
Instrument :
BNA_G
ClientSampled :
SB-2-5-10

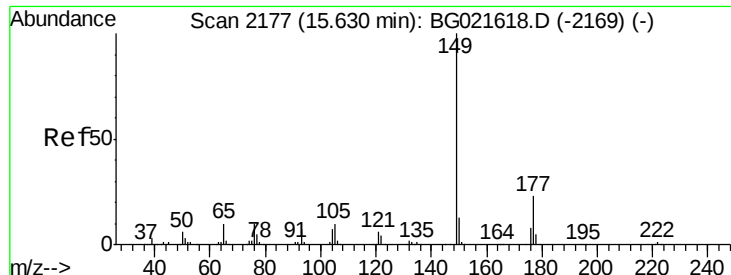
Tgt Ion:165 Resp: 4792
Ion Ratio Lower Upper
165 100
63 51.1 37.4 56.0
89 40.4 59.4 89.0#
182 69.0 2.1 3.1#



#57
Fluorene
Concen: 5.83 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:166 Resp: 46350
Ion Ratio Lower Upper
166 100
165 142.2 79.0 118.4#
167 50.8 10.7 16.1#

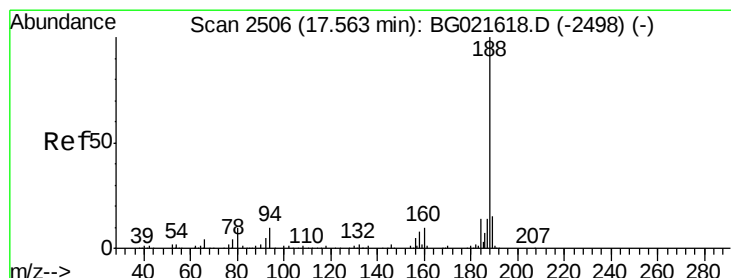
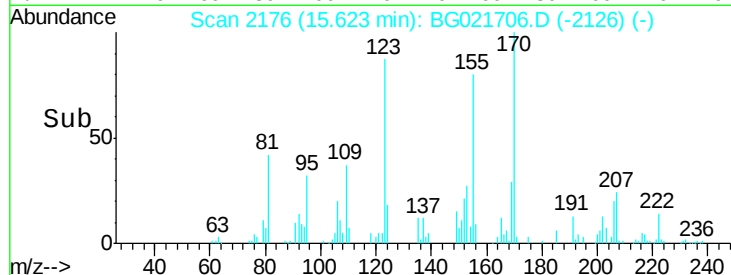
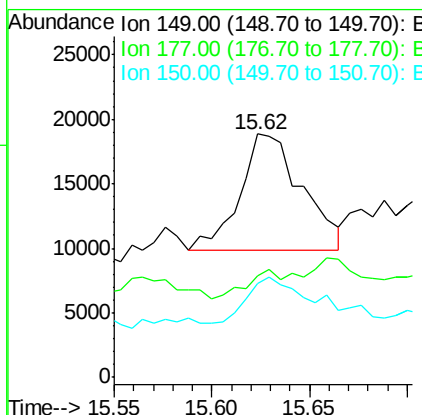
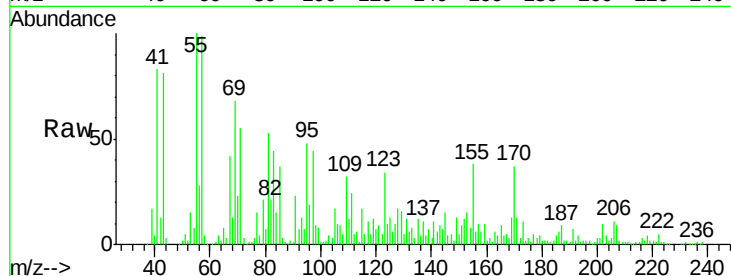




#59
Diethylphthalate
Concen: 2.25 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

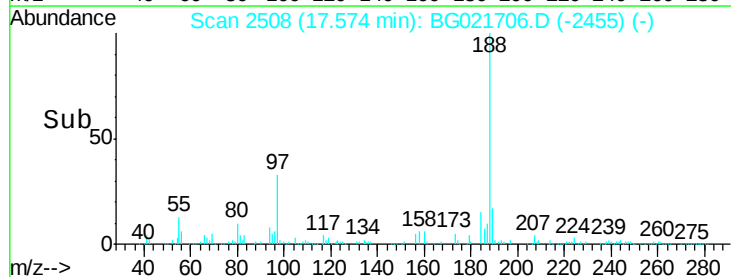
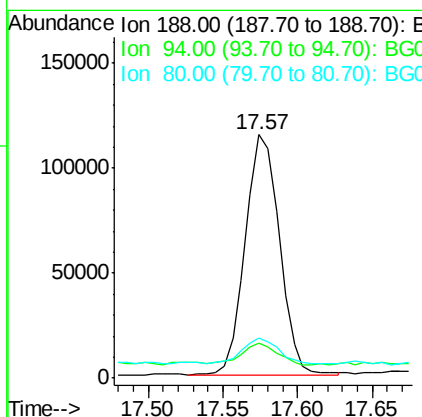
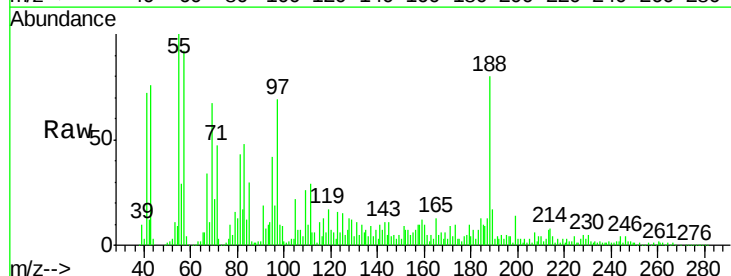
Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

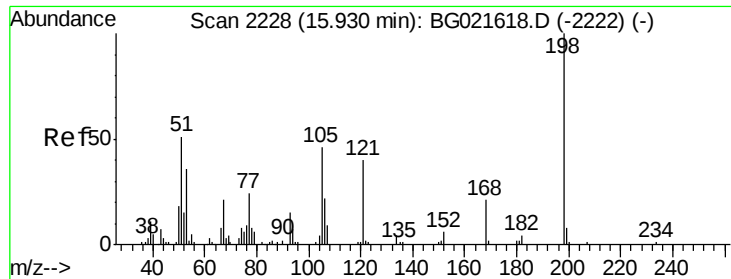
Tgt Ion:149 Resp: 20058
Ion Ratio Lower Upper
149 100
177 41.9 17.3 25.9#
150 38.5 9.7 14.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG021706.D
Acq: 16 Apr 2016 7:29

Tgt Ion:188 Resp: 181221
Ion Ratio Lower Upper
188 100
94 14.3 7.5 11.3#
80 16.6 8.6 13.0#

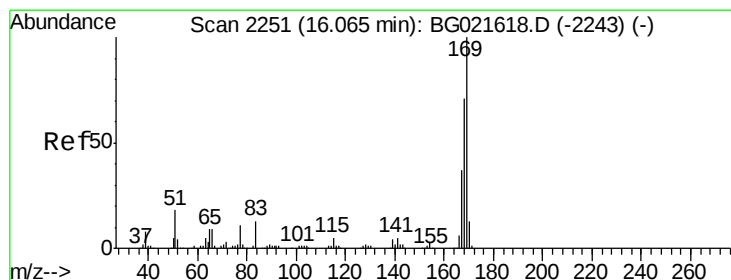
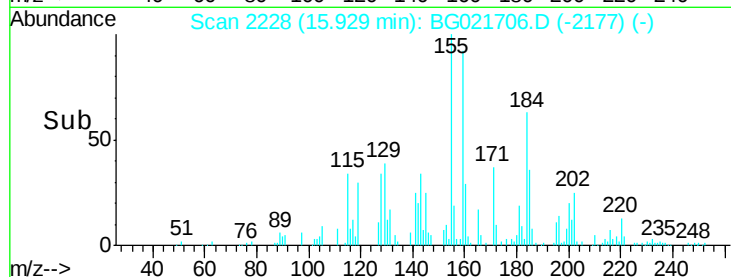
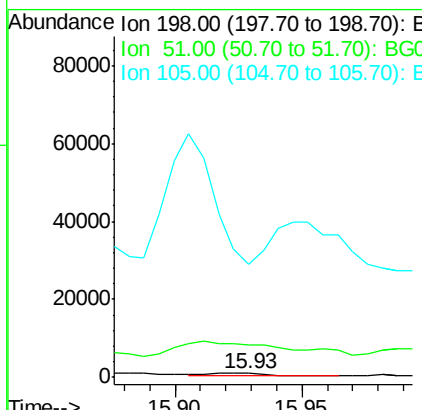
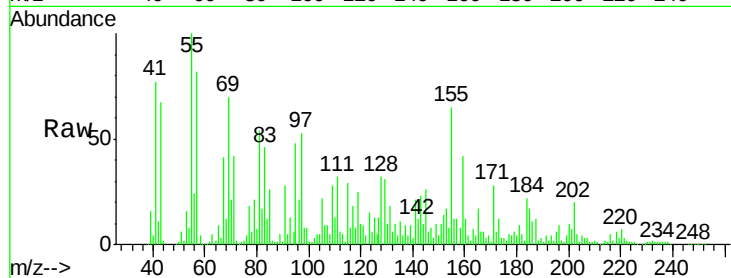




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.84 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BG021706.D
 Acq: 16 Apr 2016 7:29

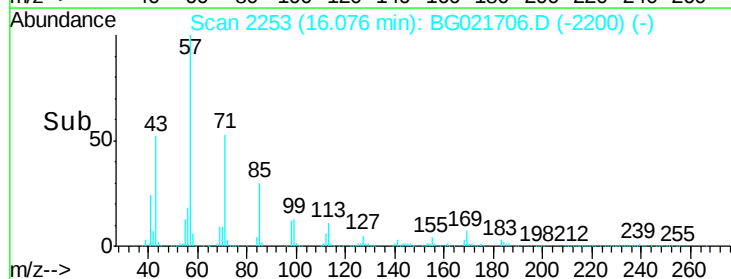
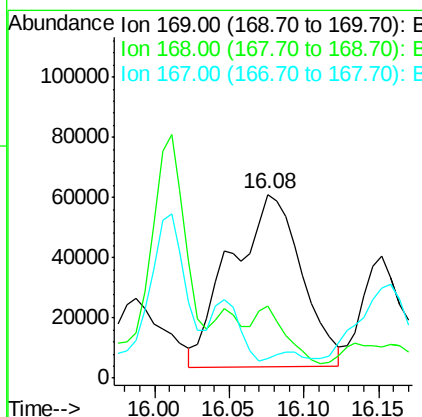
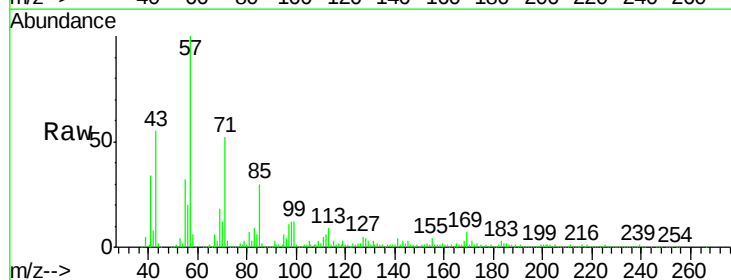
Instrument :
 BNA_G
 ClientSampleId :
 SB-2-5-10

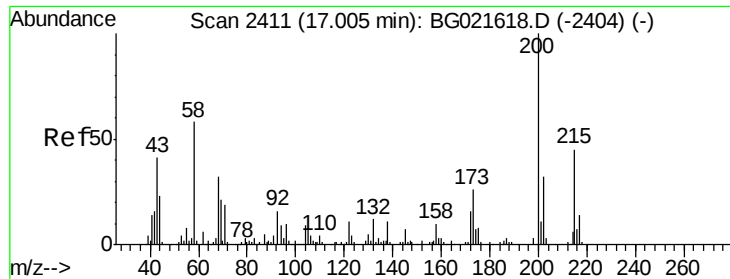
Tgt Ion:198 Resp: 1226
 Ion Ratio Lower Upper
 198 100
 51 834.6 29.2 69.2#
 105 2893.9 24.0 64.0#



#65
 n-Nitrosodiphenylamine
 Concen: 34.47 ng
 RT: 16.08 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: BG021706.D
 Acq: 16 Apr 2016 7:29

Tgt Ion:169 Resp: 187374
 Ion Ratio Lower Upper
 169 100
 168 39.3 59.6 89.4#
 167 10.5 31.2 46.8#





#68

Atrazine

Concen: 12.01 ng

RT: 17.03 min Scan# 2415

Delta R.T. 0.02 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

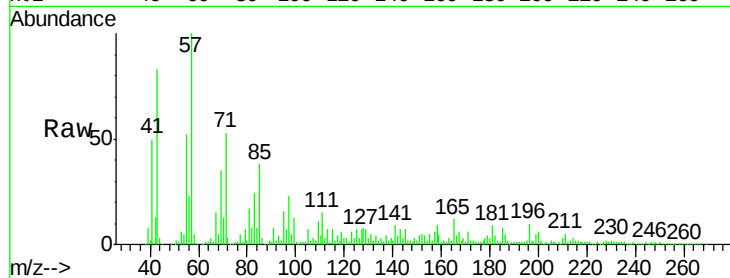
Tgt Ion:200 Resp: 25774

Ion Ratio Lower Upper

200 100

173 43.2 5.1 45.1

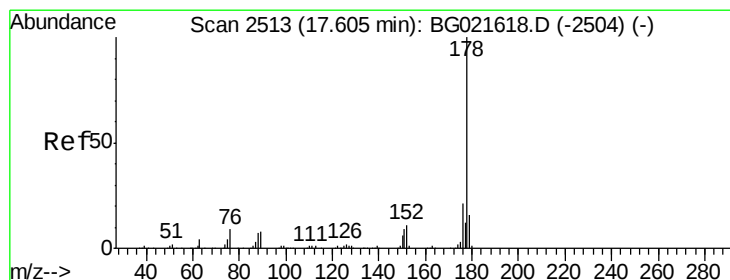
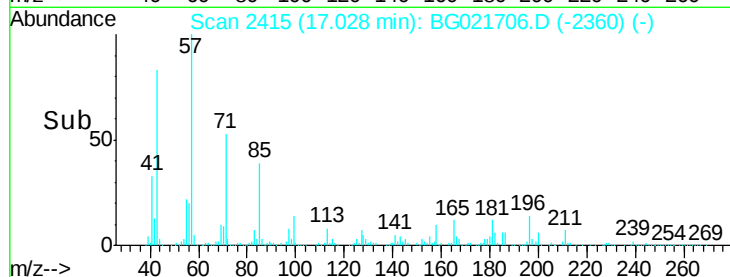
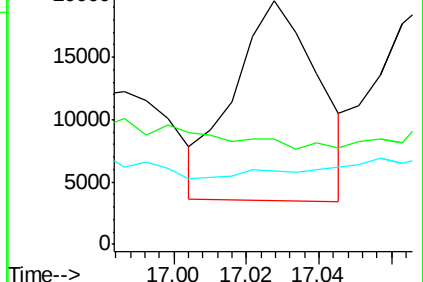
215 30.0 28.0 68.0



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



#70

Phenanthrene

Concen: 5.41 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

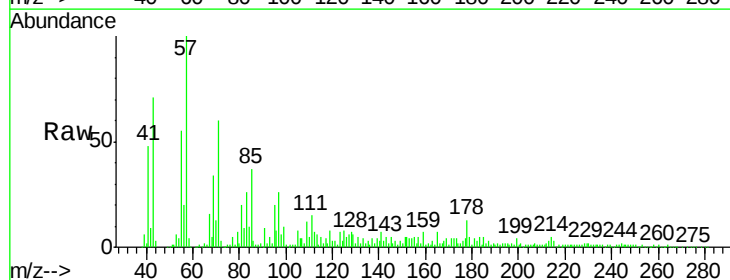
Tgt Ion:178 Resp: 53985

Ion Ratio Lower Upper

178 100

176 23.5 16.2 24.4

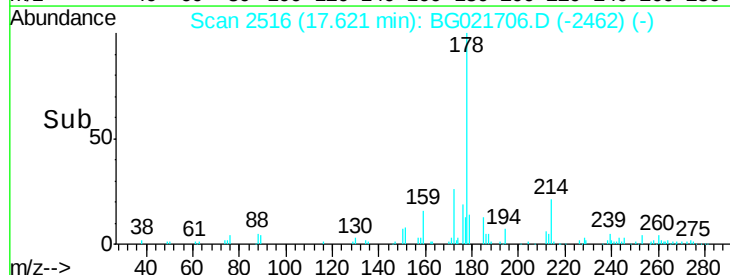
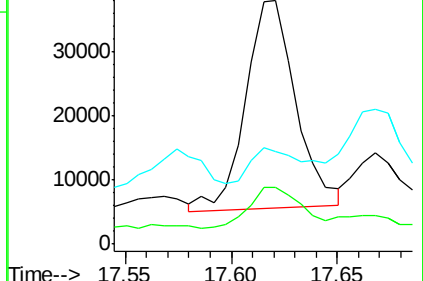
179 38.0 12.0 18.0#

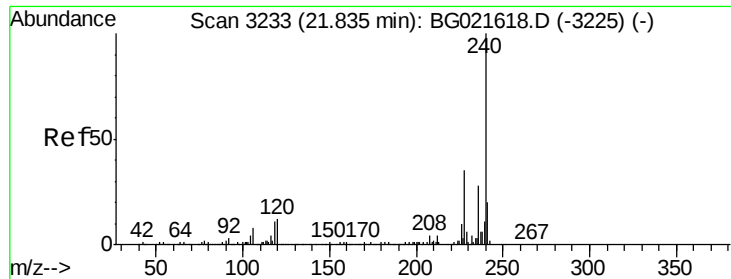


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

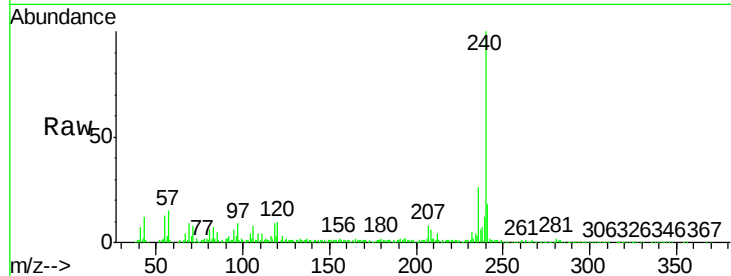
Tgt Ion:240 Resp: 212725

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

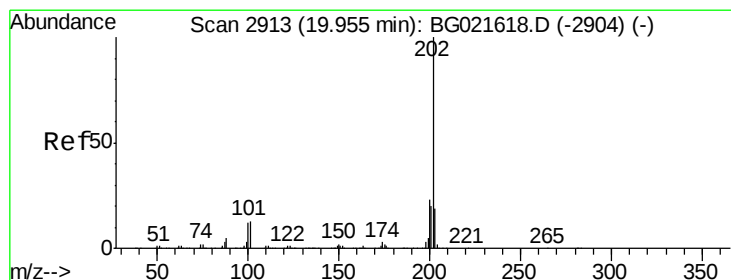
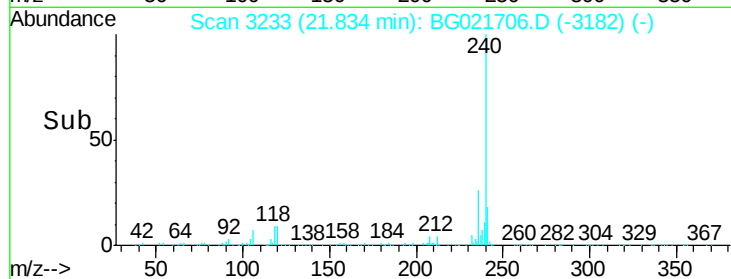
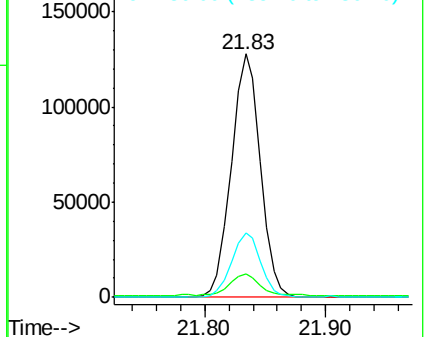
236 26.2 19.6 29.4



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

Pyrene

Concen: 6.08 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

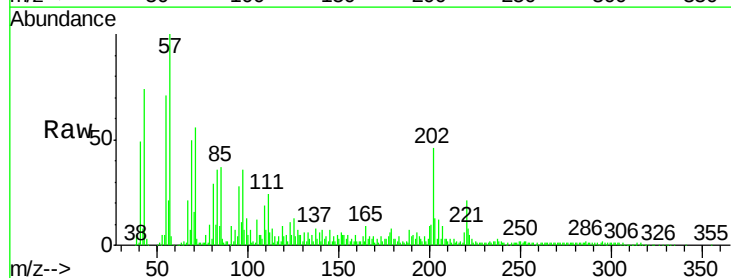
Tgt Ion:202 Resp: 74606

Ion Ratio Lower Upper

202 100

200 20.7 18.2 27.2

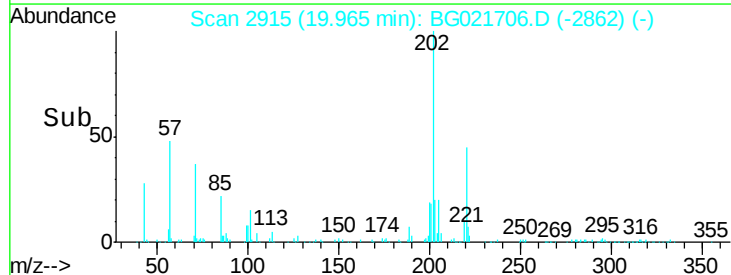
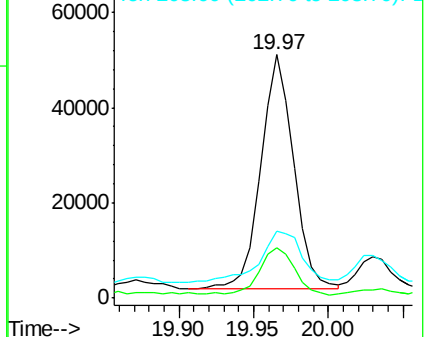
203 27.6 15.0 22.4#

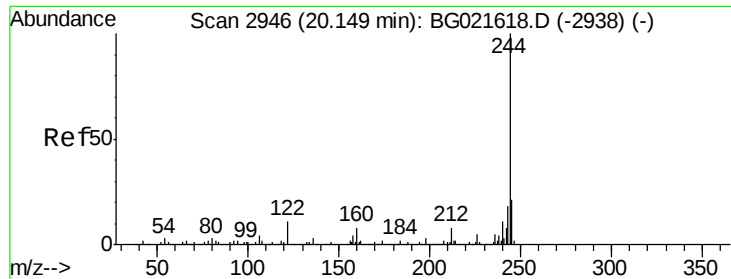


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.27 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

Instrument :

BNA_G

ClientSampleId :

SB-2-5-10

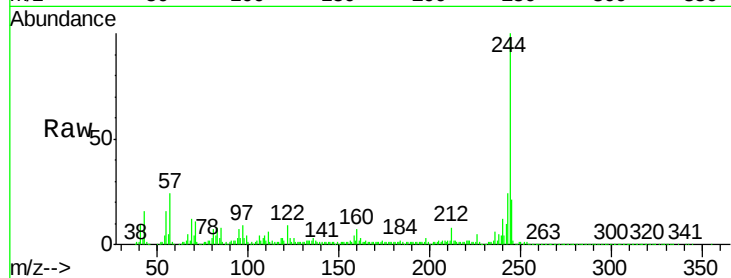
Tgt Ion:244 Resp: 624649

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.4 8.6 12.8



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

600000

500000

400000

300000

200000

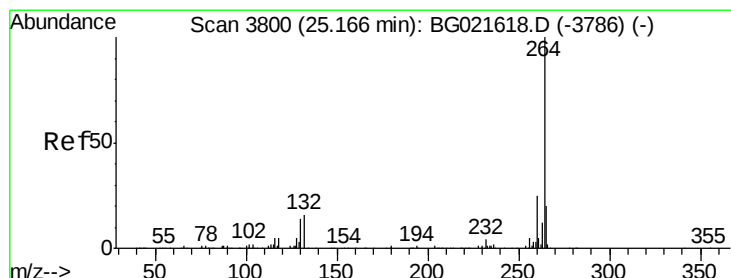
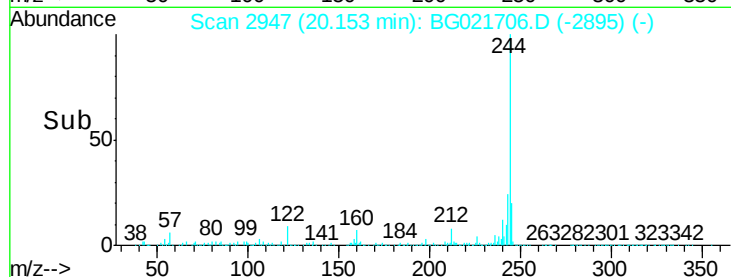
100000

0

20.15

20.10 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.17 min Scan# 3800

Delta R.T. -0.00 min

Lab File: BG021706.D

Acq: 16 Apr 2016 7:29

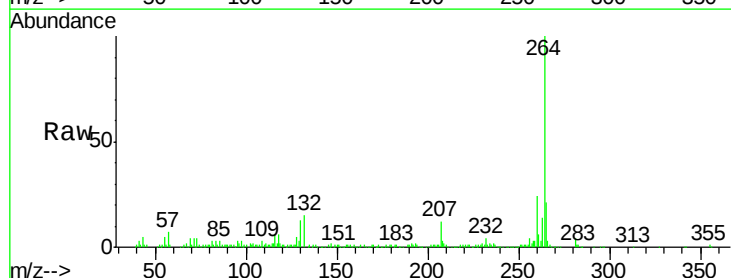
Tgt Ion:264 Resp: 209250

Ion Ratio Lower Upper

264 100

260 23.6 20.2 30.4

265 20.7 17.8 26.8



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

80000

60000

40000

20000

0

25.17

25.10 25.20 25.30

Time-->

