

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
 Data File : BG021733.D
 Acq On : 18 Apr 2016 10:27
 Operator : UM/SJ
 Sample : H2558-03DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-7.5-8DL

Quant Time: Apr 18 11:56:57 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	8.22	152	32841	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	150458	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	96896	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	187526	20.00	ng	0.00
75) Chrysene-d12	21.83	240	214575	20.00	ng	0.00
86) Perylene-d12	25.16	264	213911	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	142497	72.26	ng	0.00
7) Phenol-d6	7.36	99	212686	72.20	ng	0.00
23) Nitrobenzene-d5	9.38	82	167666	57.28	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	81677	78.21	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	354912	53.67	ng	0.00
78) Terphenyl-d14	20.14	244	444580	51.70	ng	0.00

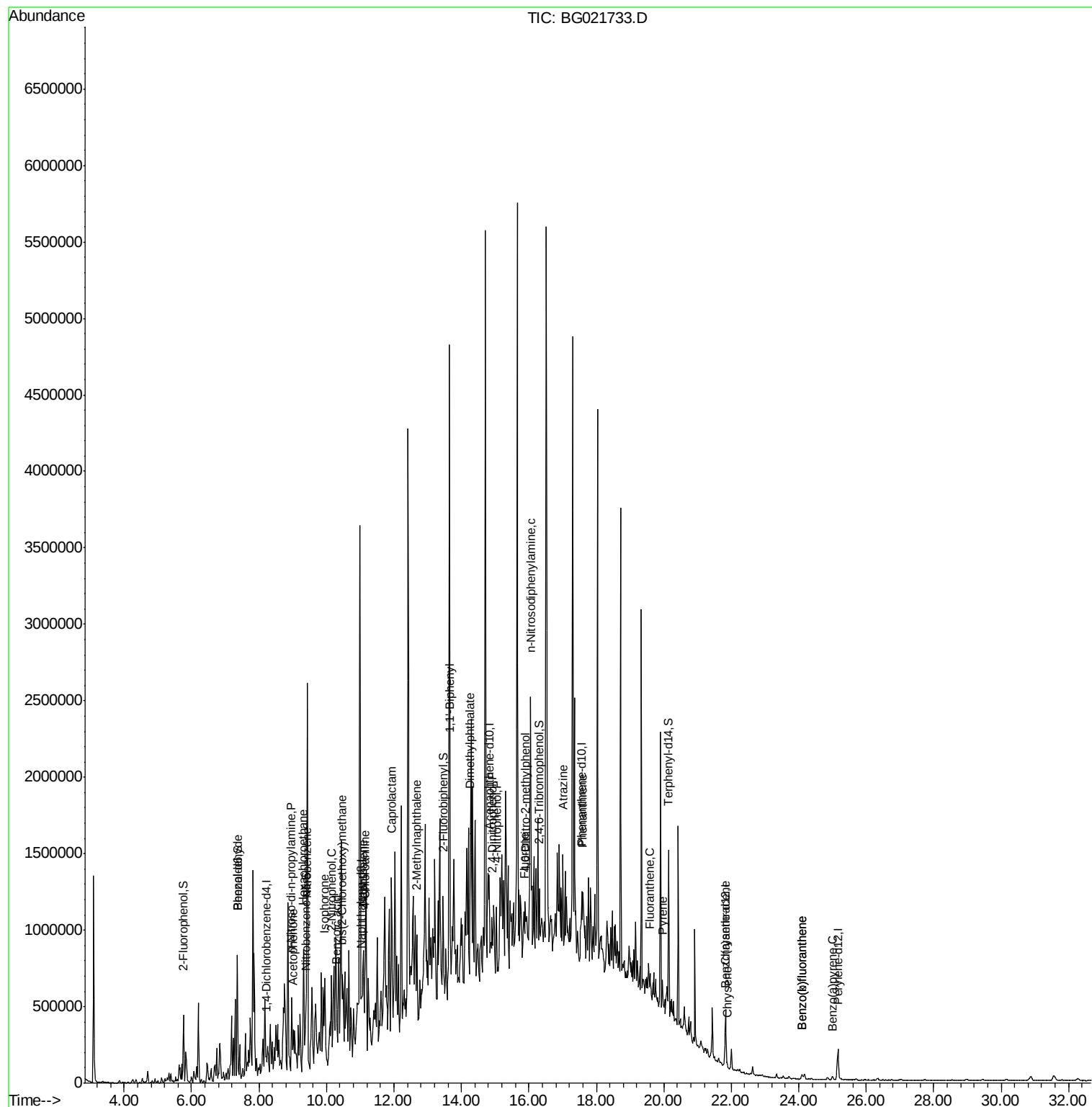
Target Compounds						Qvalue
9) Benzaldehyde	7.35	77	18197	10.68	ng	# 1
18) Hexachloroethane	9.33	117	78534	80.28	ng	# 1
19) n-Nitroso-di-n-propylamine	8.97	70	15887	6.94	ng	# 65
22) Acetophenone	9.02	105	179061	42.73	ng	# 53
24) Nitrobenzene	9.41	77	12851	4.10	ng	# 21
25) Isophorone	9.95	82	56874	8.88	ng	# 1
26) 2-Nitrophenol	10.14	139	3774	3.15	ng	# 1
28) bis(2-Chloroethoxy)methane	10.46	93	13330	3.92	ng	# 1
31) Naphthalene	11.09	128	192413	23.90	ng	# 85
32) Benzoic acid	10.31	122	168	4.39	ng	# 1
33) 4-Chloroaniline	11.15	127	10217	2.93	ng	# 1
35) Caprolactam	11.93	113	10422	9.83	ng	# 1
37) 2-Methylnaphthalene	12.67	142	267773	48.44	ng	94
45) 1,1'-Biphenyl	13.67	154	71193	8.72	ng	95
49) Dimethylphthalate	14.27	163	33597	4.01	ng	# 81
53) 2,4-Dinitrophenol	14.90	184	394	8.04	ng	# 1
55) 4-Nitrophenol	15.03	139	8929	5.89	ng	# 17
57) Fluorene	15.87	166	24496	3.15	ng	# 71
64) 4,6-Dinitro-2-methylphenol	15.91	198	585	6.06	ng	# 1
65) n-Nitrosodiphenylamine	16.06	169	71216	12.66	ng	# 58
68) Atrazine	17.01	200	9518	4.29	ng	# 64
70) Phenanthrene	17.60	178	50412	4.88	ng	# 84
74) Fluoranthene	19.60	202	55915	4.53	ng	97
77) Pyrene	19.95	202	82618	6.68	ng	97
80) Benzo(a)anthracene	21.81	228	28469	2.31	ng	95
82) Chrysene	21.88	228	24294	2.05	ng	96
87) Benzo(b)fluoranthene	24.10	252	38053	3.07	ng	96
88) Benzo(k)fluoranthene	24.10	252	38053	3.14	ng	97
89) Benzo(a)pyrene	25.00	252	25627	2.13	ng	99

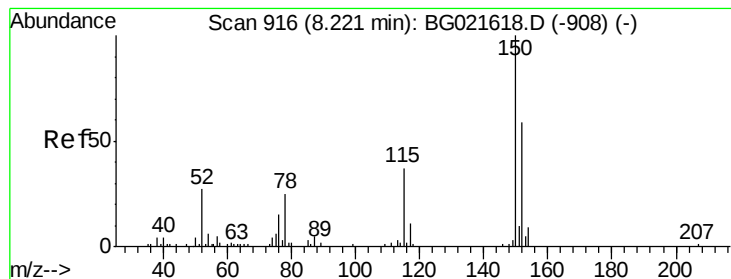
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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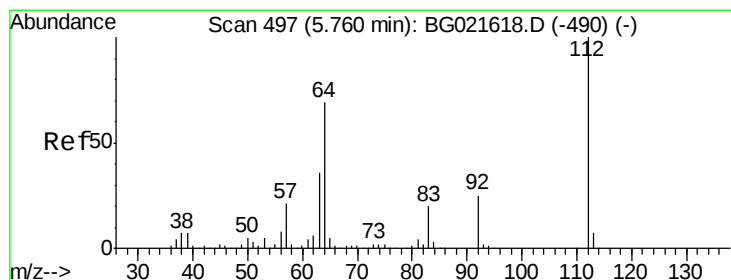
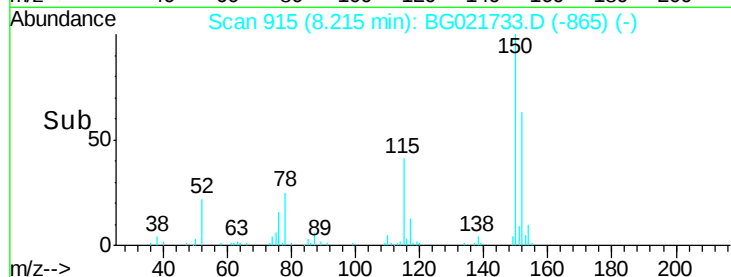
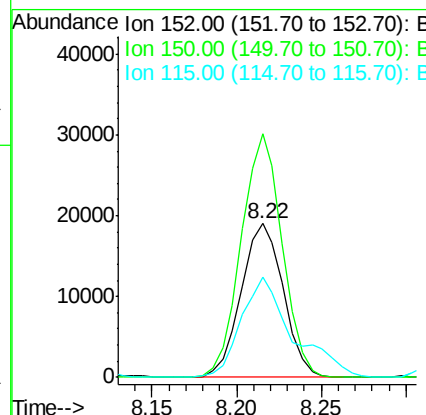
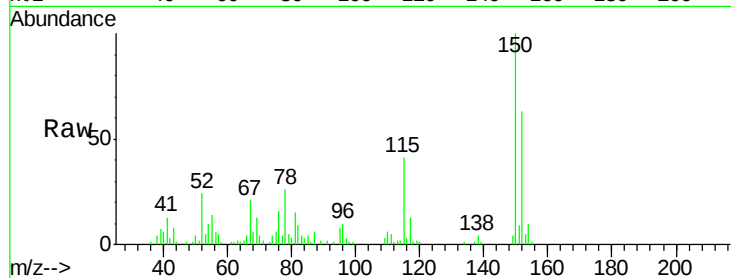


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.22 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BG021733.D
 Acq: 18 Apr 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-7.5-8DL

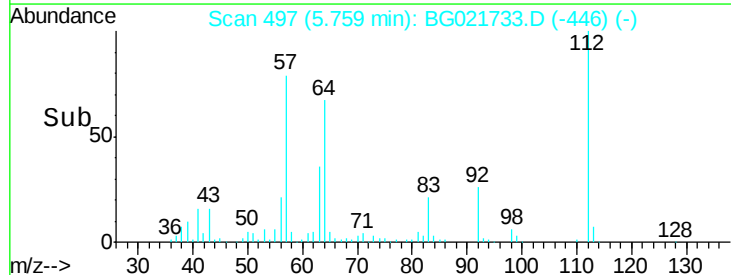
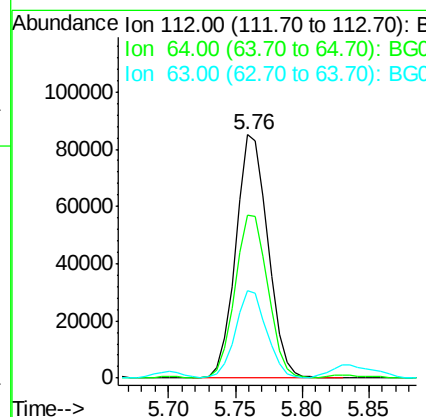
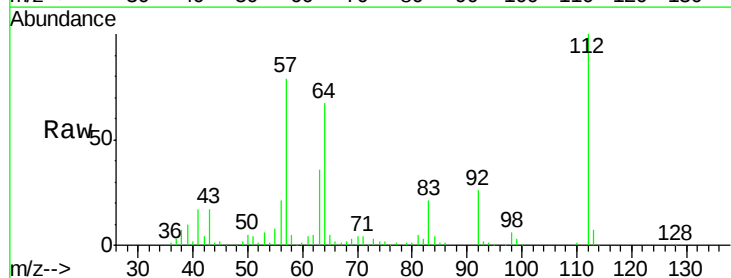
Tgt Ion:152 Resp: 32841
 Ion Ratio Lower Upper
 152 100
 150 158.7 130.1 195.1
 115 65.6 62.2 93.2

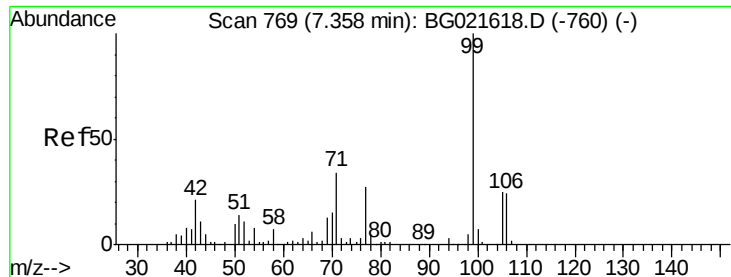


#5

2-Fluorophenol
 Concen: 72.26 ng
 RT: 5.76 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BG021733.D
 Acq: 18 Apr 2016 10:27

Tgt Ion:112 Resp: 142497
 Ion Ratio Lower Upper
 112 100
 64 67.0 51.1 76.7
 63 35.9 24.6 37.0





#7

Phenol-d6

Concen: 72.20 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

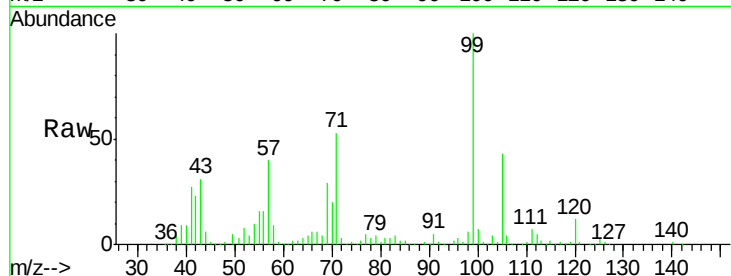
Tgt Ion: 99 Resp: 212686

Ion Ratio Lower Upper

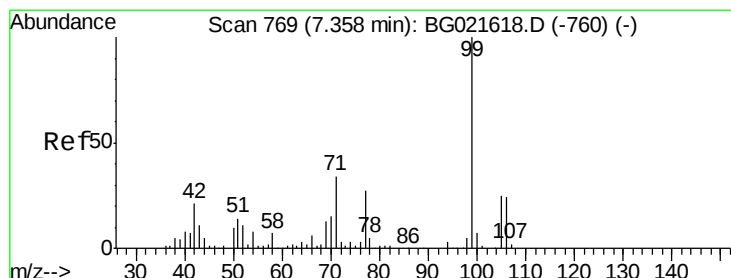
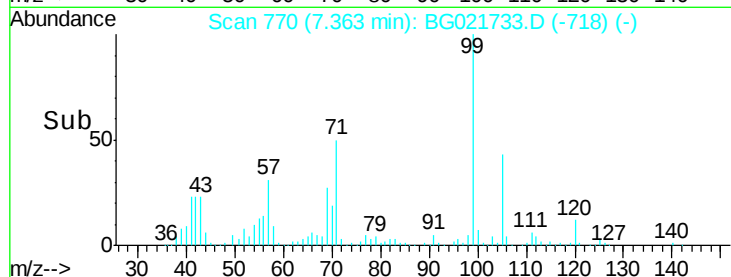
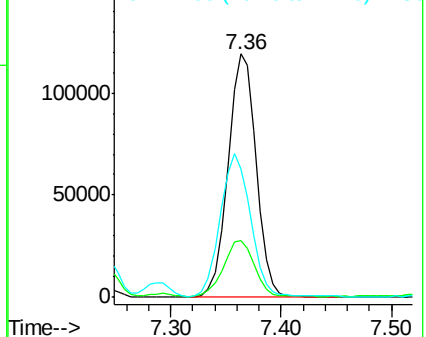
99 100

42 23.3 16.4 24.6

71 52.7 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: 10.68 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

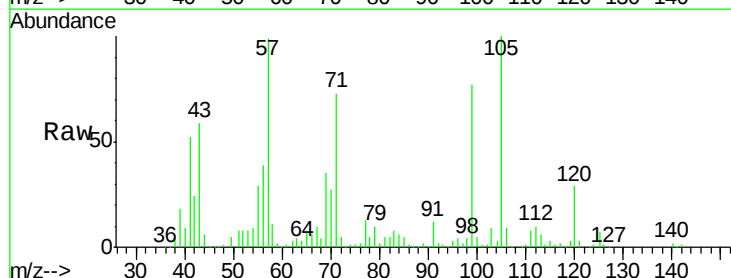
Tgt Ion: 77 Resp: 18197

Ion Ratio Lower Upper

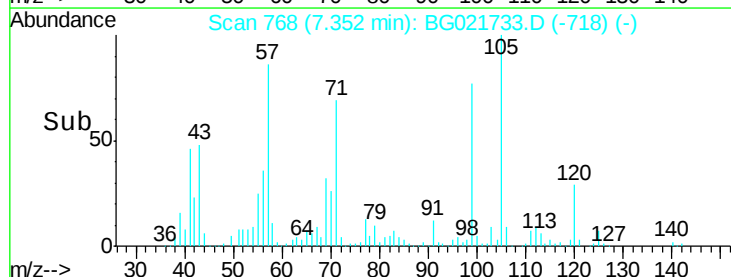
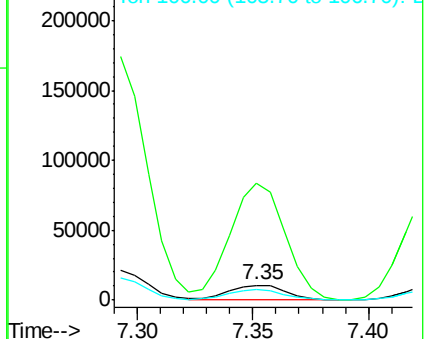
77 100

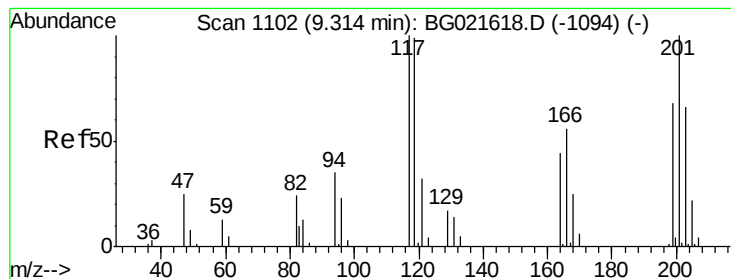
105 785.8 62.1 102.1#

106 72.6 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: 80.28 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

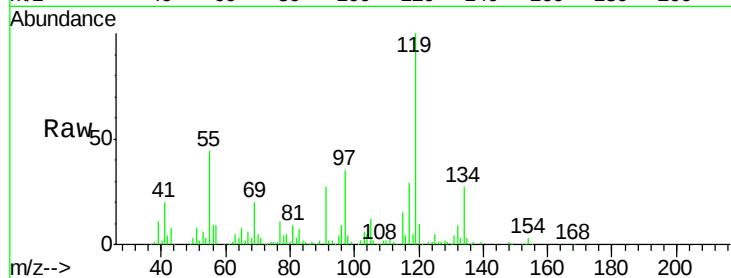
Tgt Ion: 117 Resp: 78534

Ion Ratio Lower Upper

117 100

119 343.4 63.9 95.9#

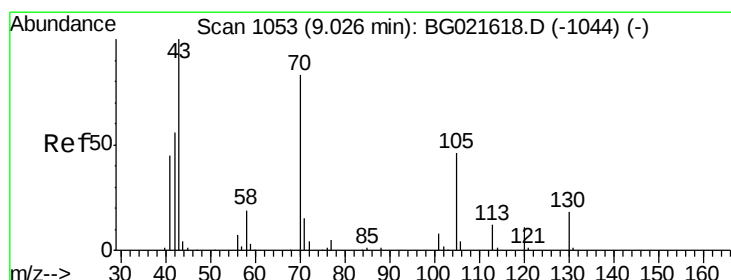
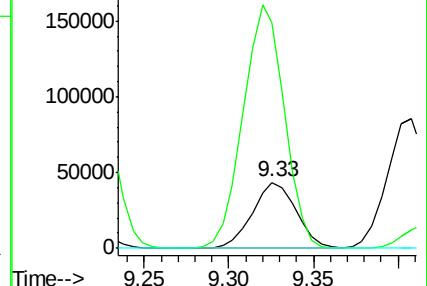
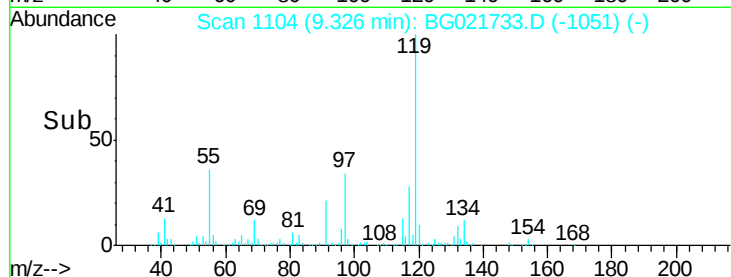
201 0.0 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 6.94 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Tgt Ion: 70 Resp: 15887

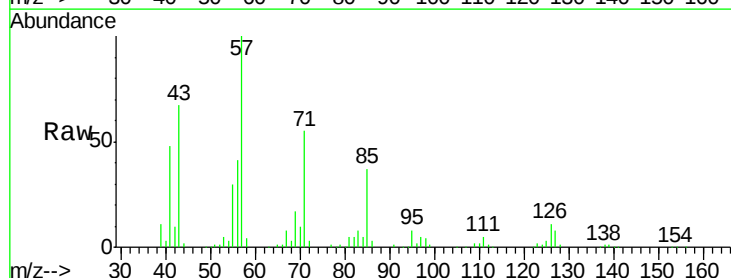
Ion Ratio Lower Upper

70 100

42 100.2 56.7 85.1#

101 0.0 8.2 12.4#

130 0.0 14.0 21.0#

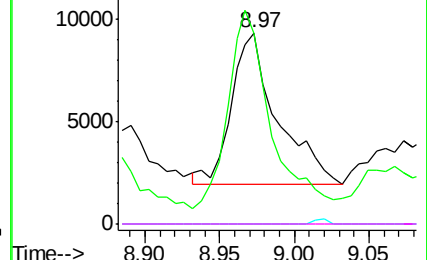
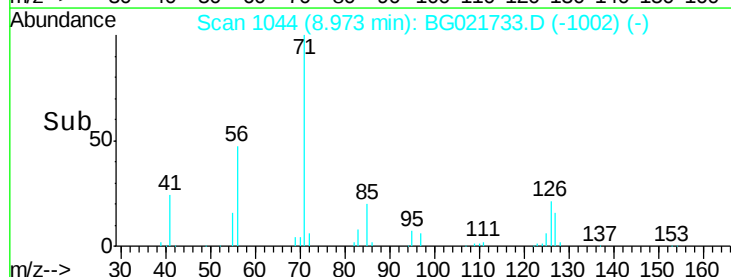


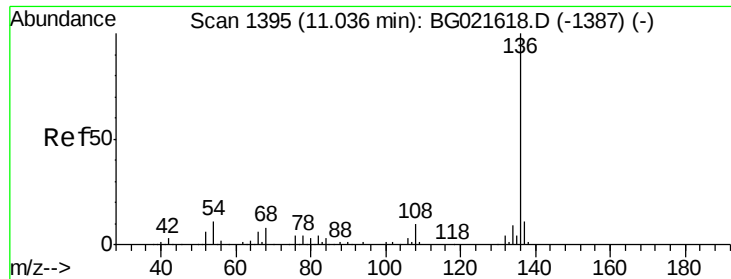
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

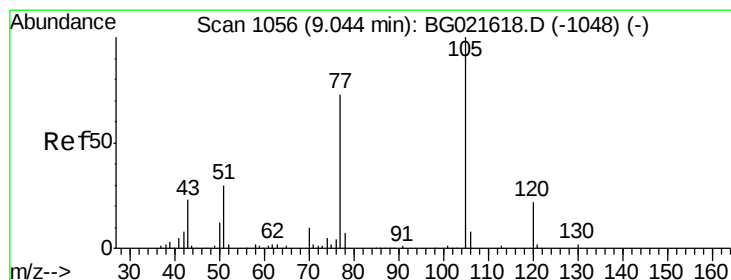
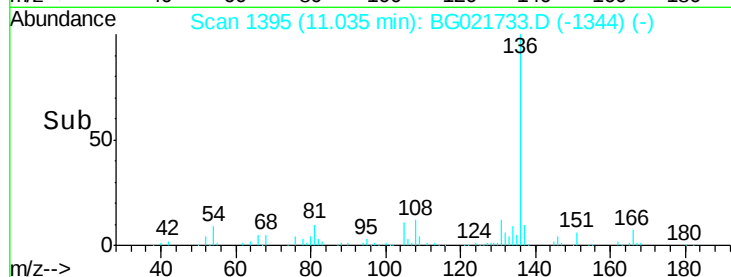
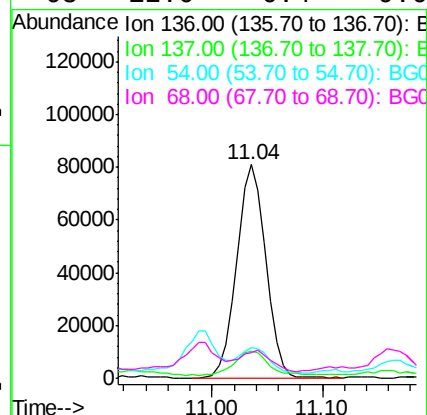
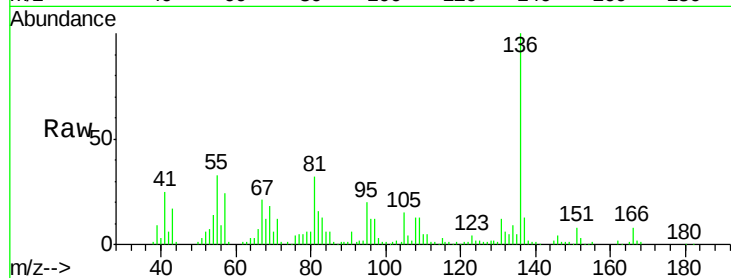




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

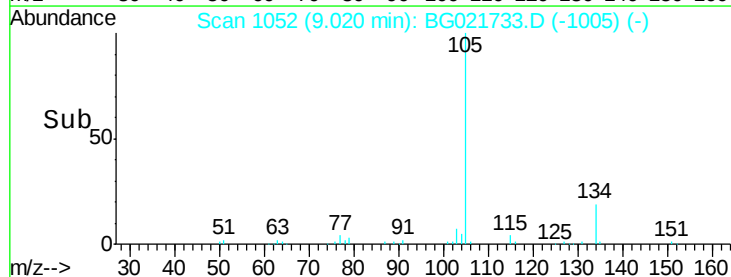
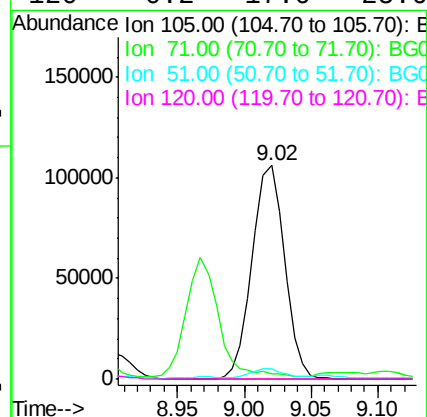
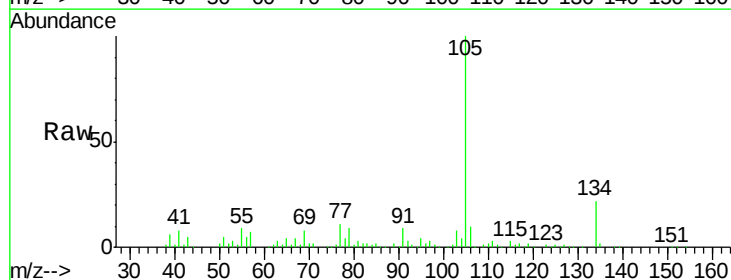
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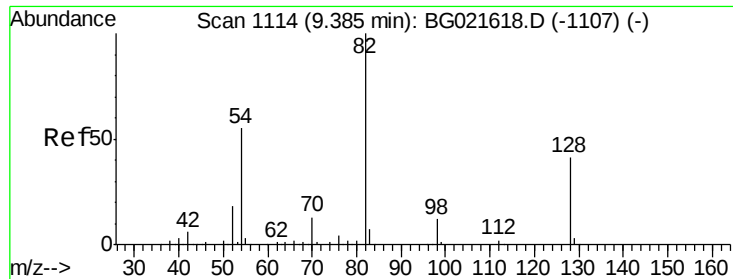
Tgt Ion:	136	Resp:	150458
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.0	13.4
54	14.4	9.6	14.4#
68	12.0	6.4	9.6#



#22
Acetophenone
Concen: 42.73 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion:	105	Resp:	179061
Ion	Ratio	Lower	Upper
105	100		
71	2.4	0.0	0.0#
51	4.6	25.7	38.5#
120	0.2	17.0	25.6#

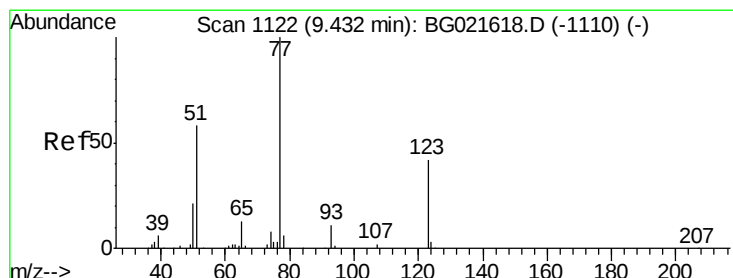
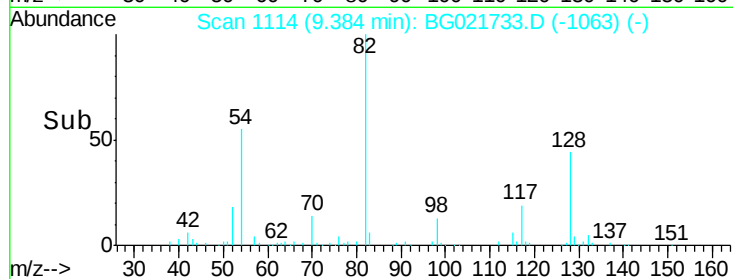
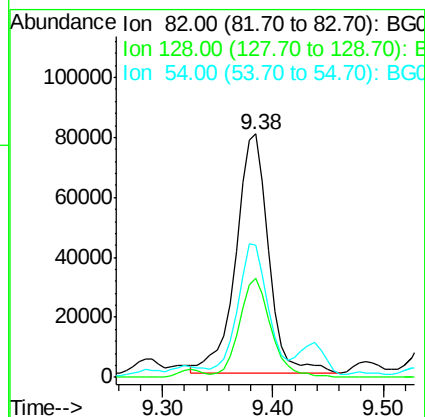
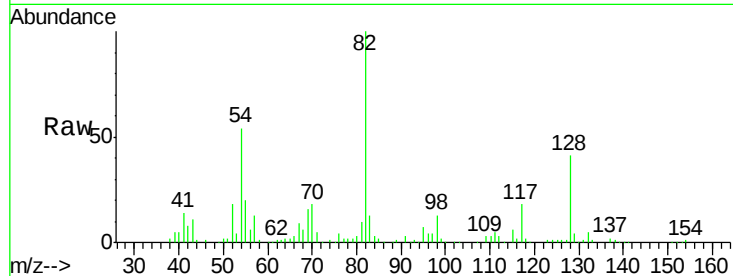




#23
Nitrobenzene-d5
Concen: 57.28 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

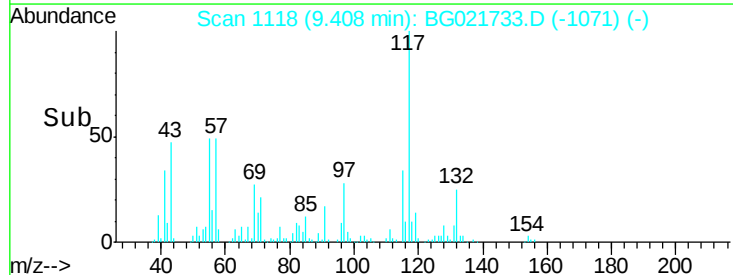
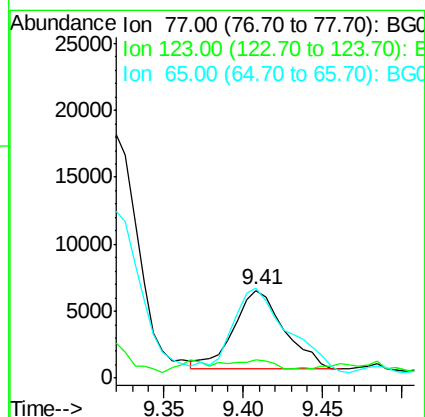
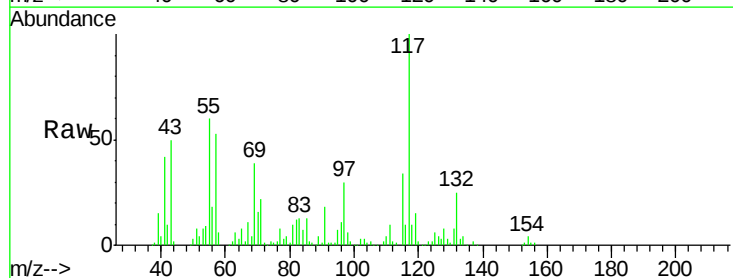
Instrument :
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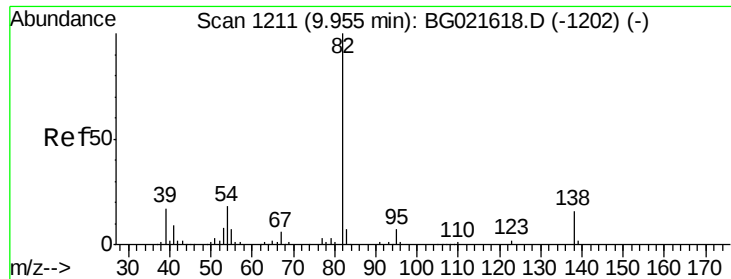
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.4	50.0
54	54.2	46.1	69.1



#24
Nitrobenzene
Concen: 4.10 ng
RT: 9.41 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	20.4	32.2	48.4#
65	102.2	10.3	15.5#





#25

Isophorone

Concen: 8.88 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

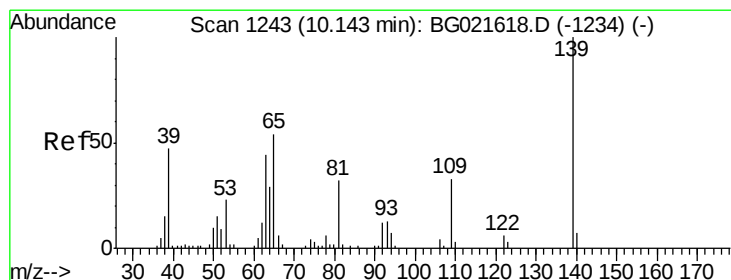
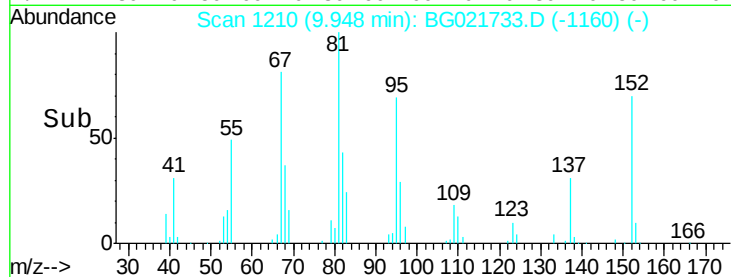
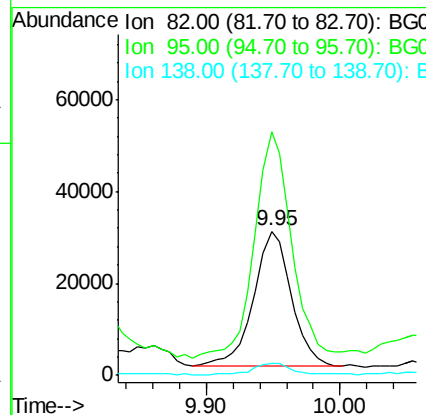
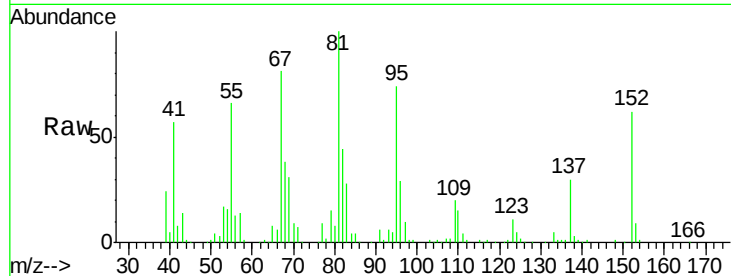
Tgt Ion: 82 Resp: 56874

Ion Ratio Lower Upper

82 100

95 168.9 6.0 9.0#

138 7.8 13.4 20.0#



#26

2-Nitrophenol

Concen: 3.15 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

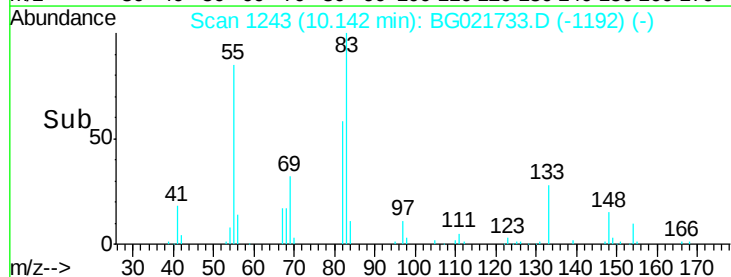
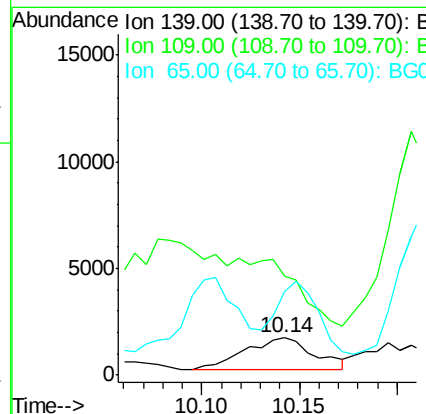
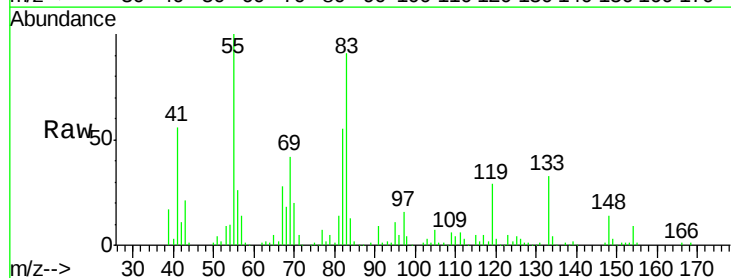
Tgt Ion: 139 Resp: 3774

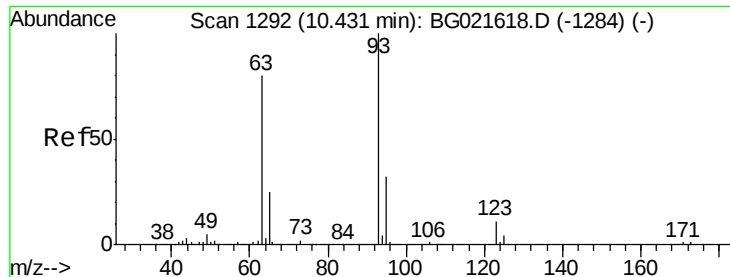
Ion Ratio Lower Upper

139 100

109 265.7 26.6 40.0#

65 225.4 45.3 67.9#

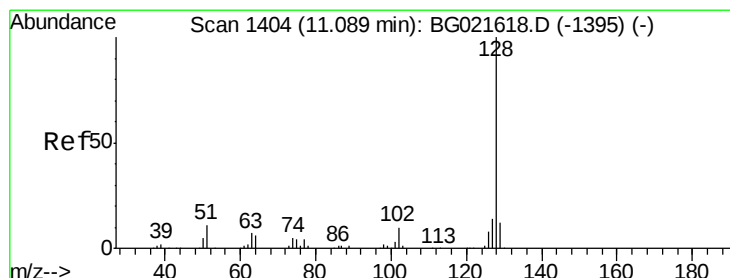
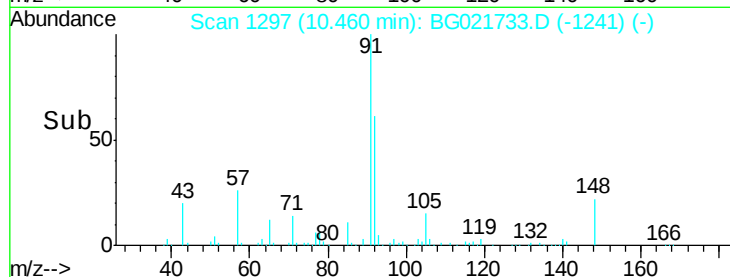
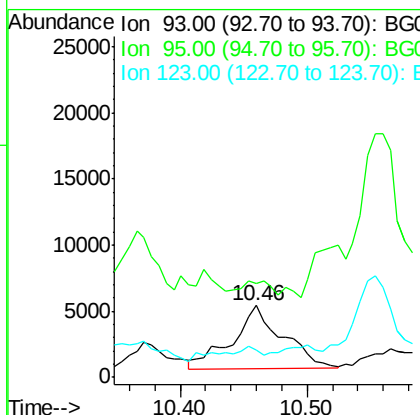
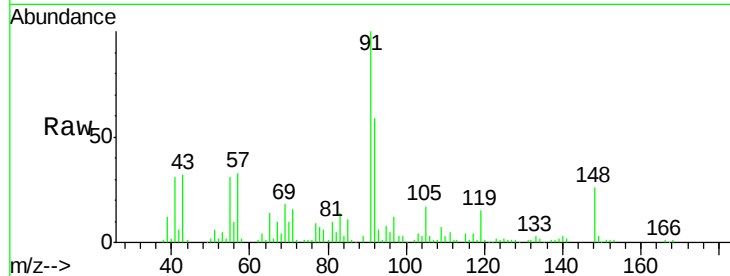




#28
bis(2-Chloroethoxy)methane
Concen: 3.92 ng
RT: 10.46 min Scan# 1297
Delta R.T. 0.03 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

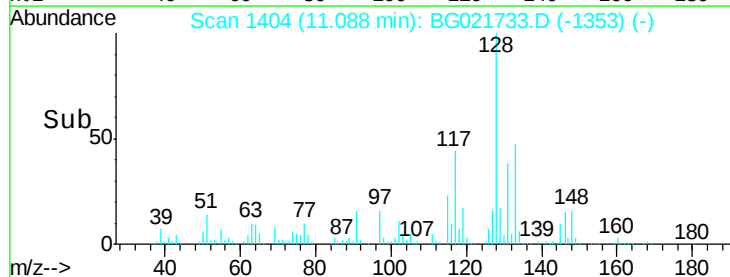
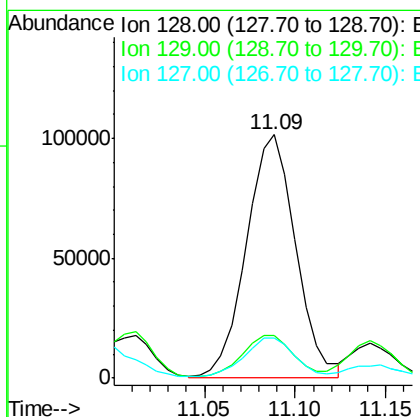
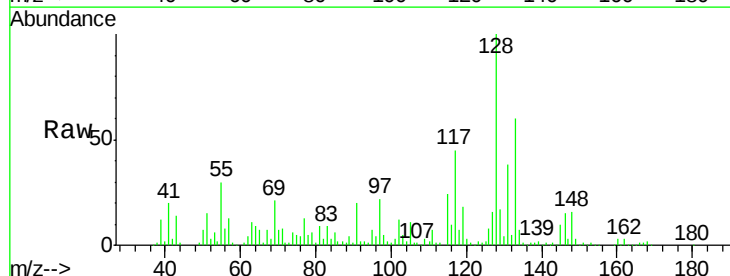
Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

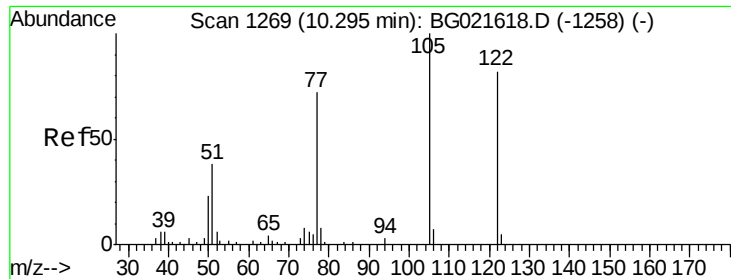
Tgt Ion: 93 Resp: 13330
Ion Ratio Lower Upper
93 100
95 129.5 30.1 45.1#
123 38.4 10.2 15.4#



#31
Naphthalene
Concen: 23.90 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion: 128 Resp: 192413
Ion Ratio Lower Upper
128 100
129 17.3 7.0 10.6#
127 16.4 10.1 15.1#

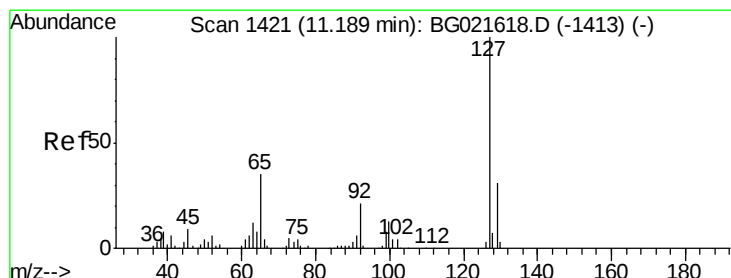
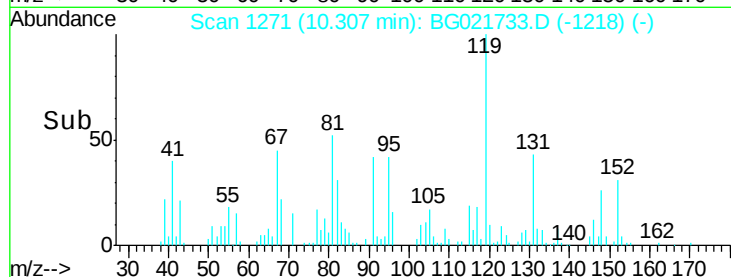
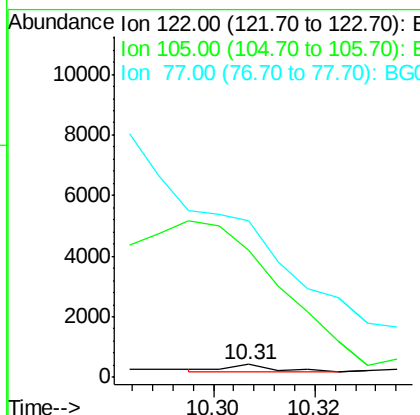
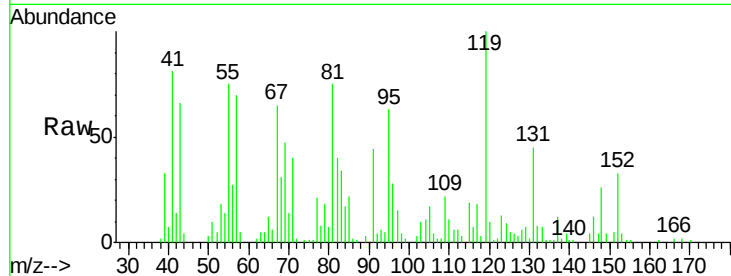




#32
Benzoic acid
Concen: 4.39 ng
RT: 10.31 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

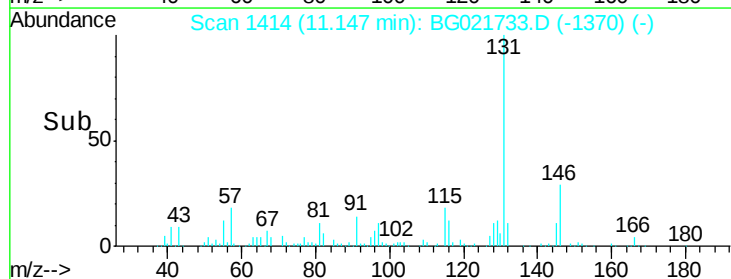
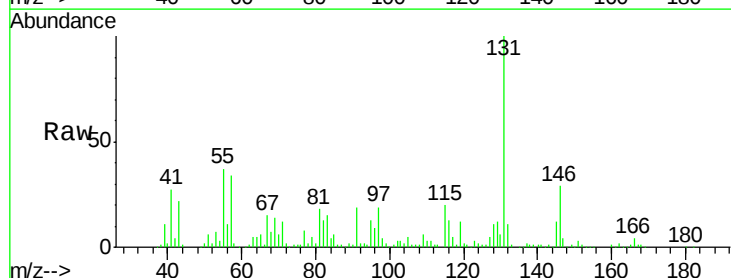
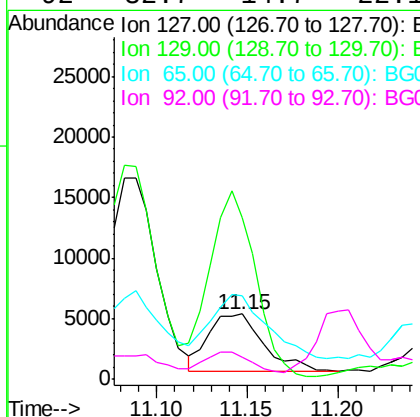
Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

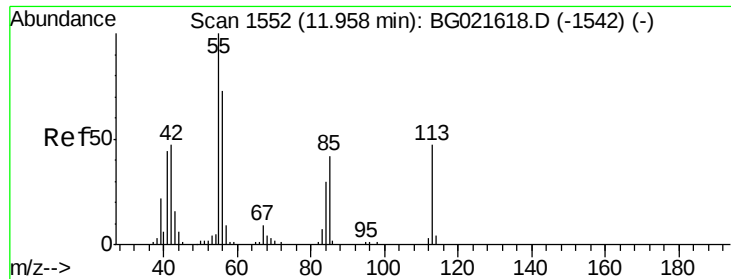
Tgt Ion:122 Resp: 168
Ion Ratio Lower Upper
122 100
105 986.4 104.5 144.5#
77 1207.7 79.9 119.9#



#33
4-Chloroaniline
Concen: 2.93 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.04 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion:127 Resp: 10217
Ion Ratio Lower Upper
127 100
129 248.0 26.6 39.8#
65 127.9 27.5 41.3#
92 32.7 14.7 22.1#





#35

Caprolactam

Concen: 9.83 ng

RT: 11.93 min Scan# 1547

Delta R.T. -0.03 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

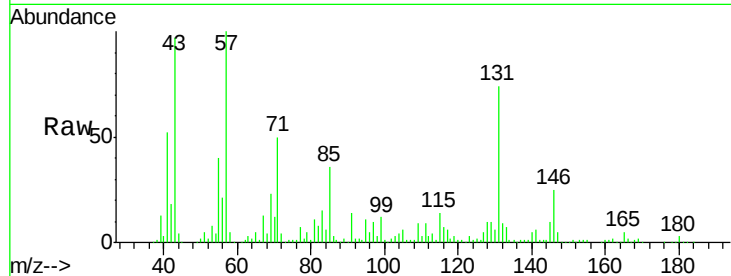
Tgt Ion:113 Resp: 10422

Ion Ratio Lower Upper

113 100

55 914.7 194.2 234.2#

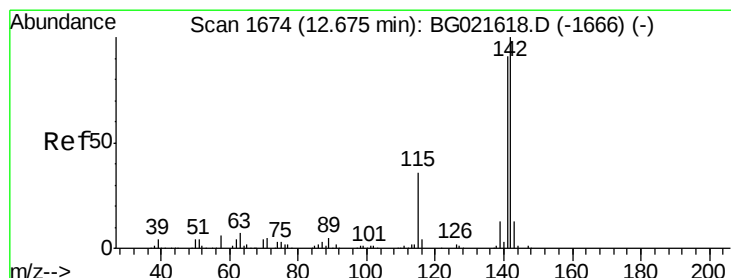
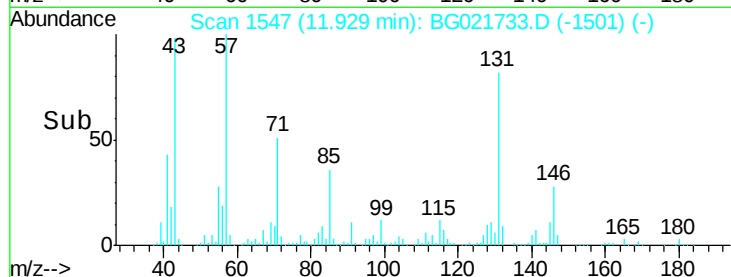
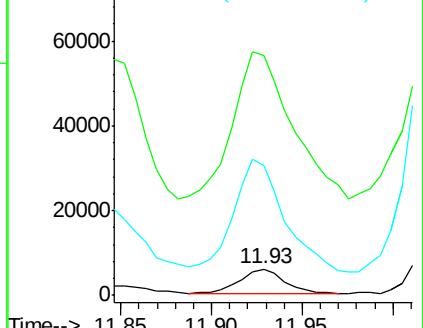
56 491.8 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#37

2-Methylnaphthalene

Concen: 48.44 ng

RT: 12.67 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

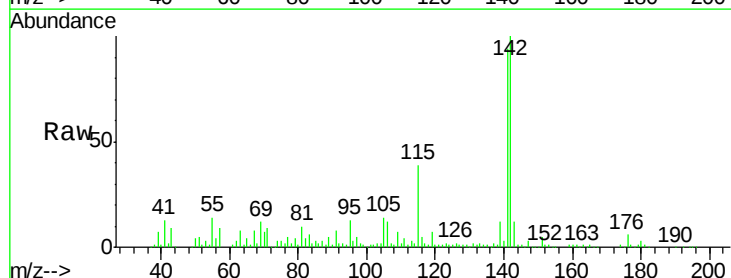
Tgt Ion:142 Resp: 267773

Ion Ratio Lower Upper

142 100

141 93.7 71.4 107.0

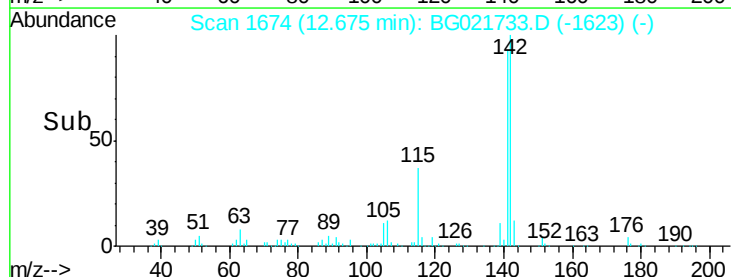
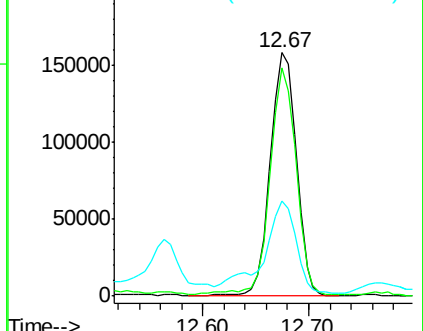
115 39.3 27.4 41.2

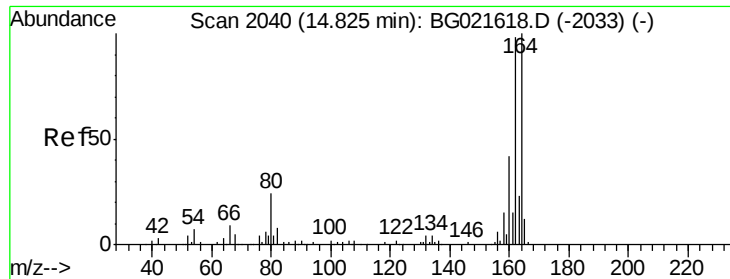


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

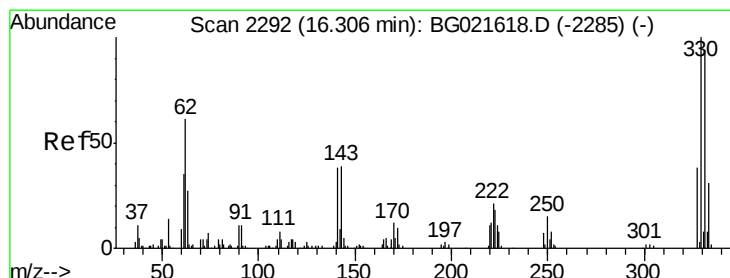
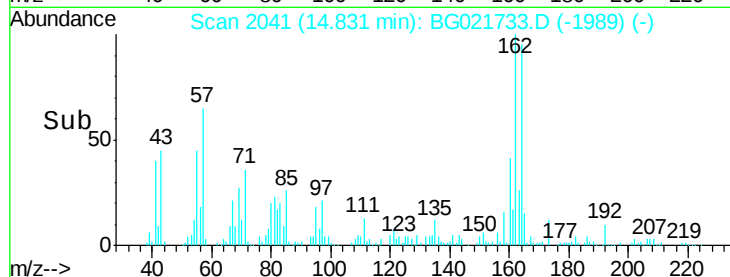
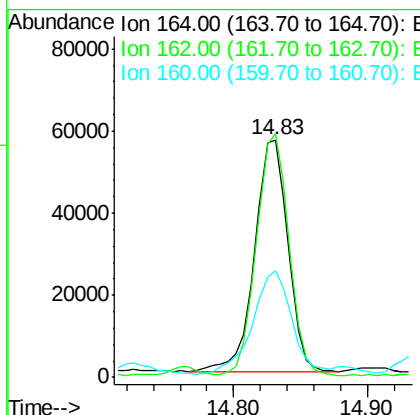
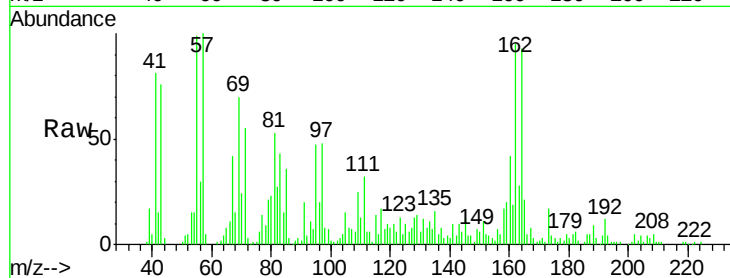




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

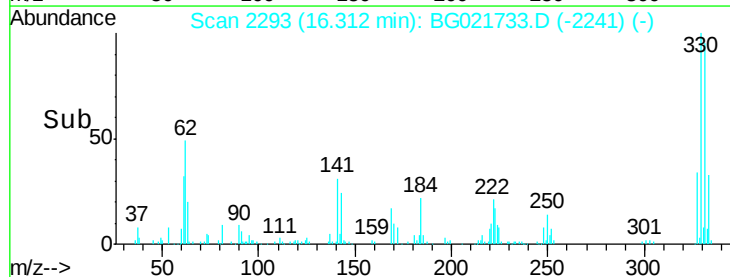
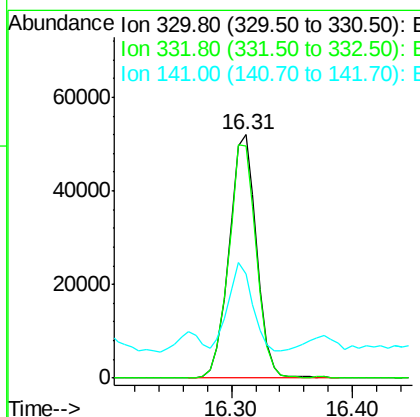
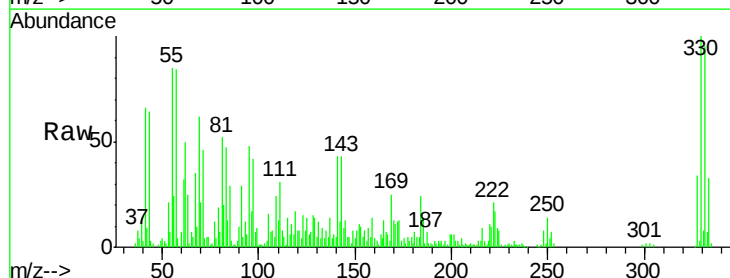
Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

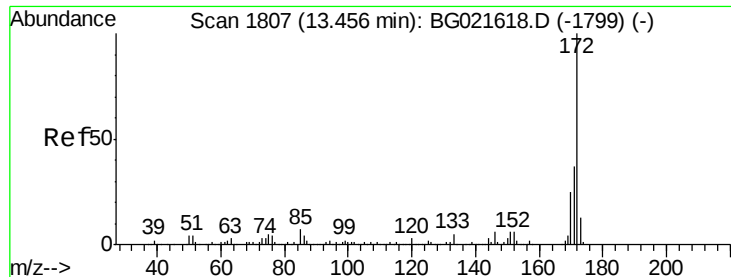
Tgt Ion:164 Resp: 96896
Ion Ratio Lower Upper
164 100
162 102.4 78.0 117.0
160 44.9 32.9 49.3



#41
2,4,6-Tribromophenol
Concen: 78.21 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion:330 Resp: 81677
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 31.7 33.8 50.8#

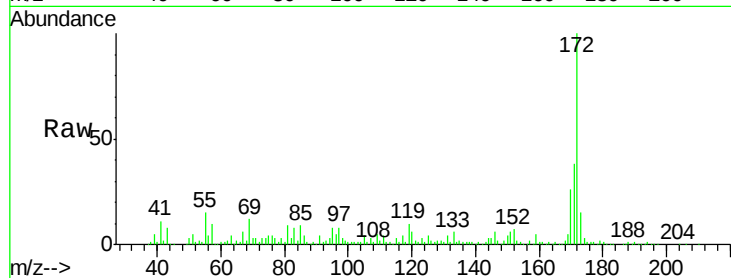




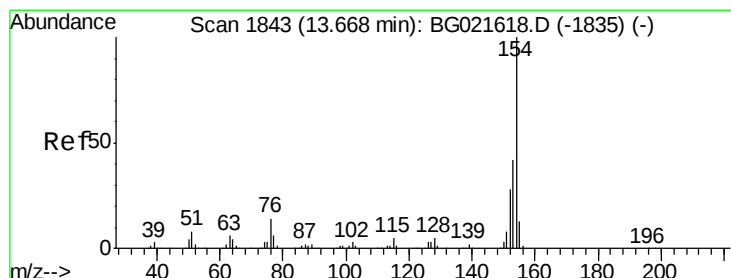
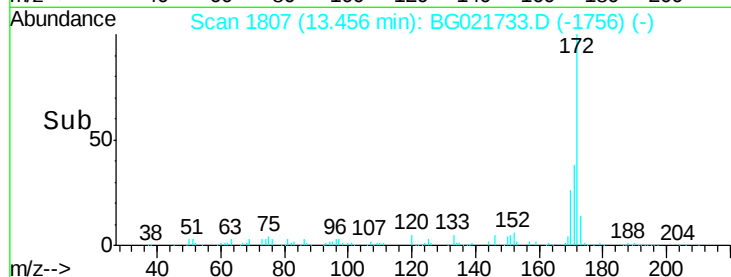
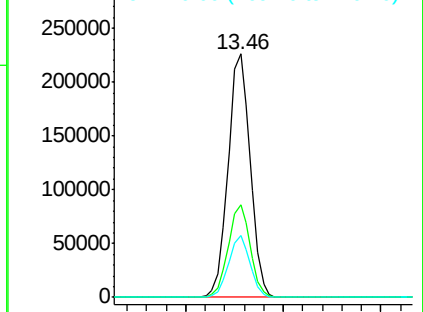
#44
2-Fluorobiphenyl
Concen: 53.67 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

Tgt Ion:172 Resp: 354912
Ion Ratio Lower Upper
172 100
171 38.2 27.8 41.6
170 25.6 19.6 29.4

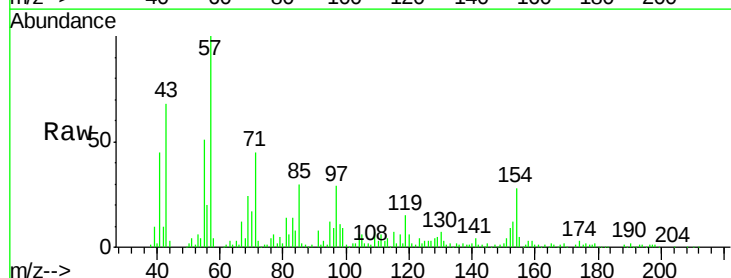


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

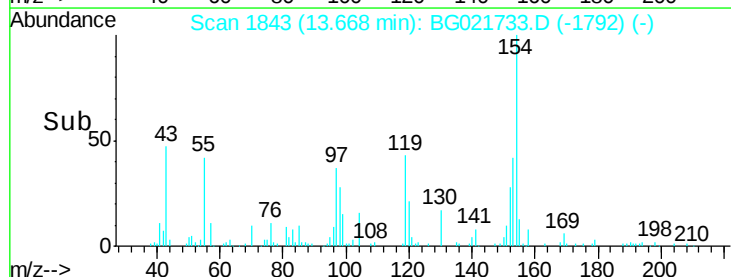
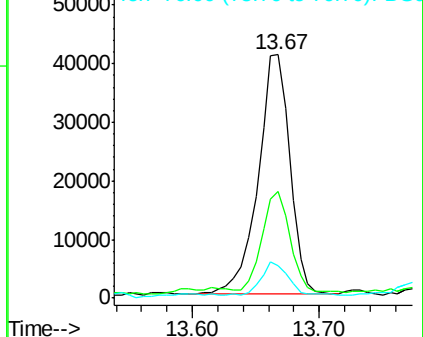


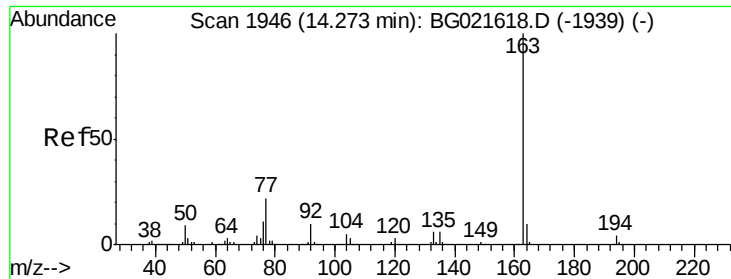
#45
1,1'-Biphenyl
Concen: 8.72 ng
RT: 13.67 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion:154 Resp: 71193
Ion Ratio Lower Upper
154 100
153 43.6 19.7 59.7
76 13.2 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): BG





#49

Dimethylphthalate

Concen: 4.01 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

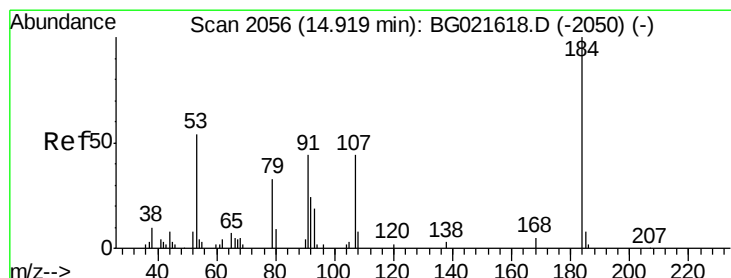
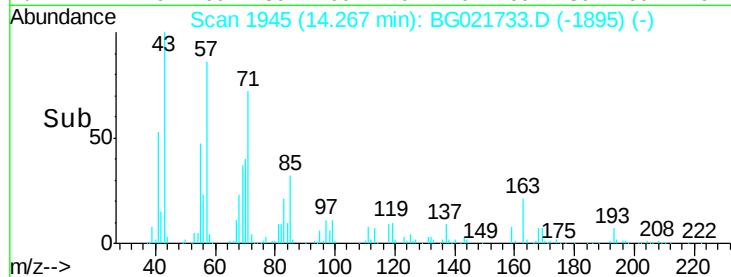
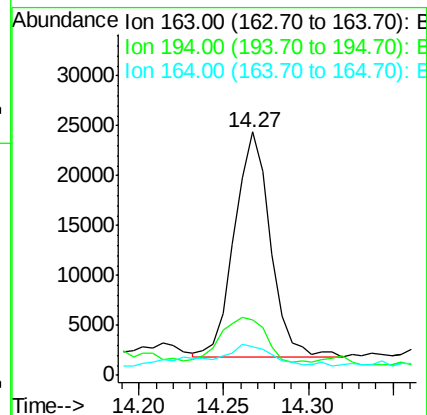
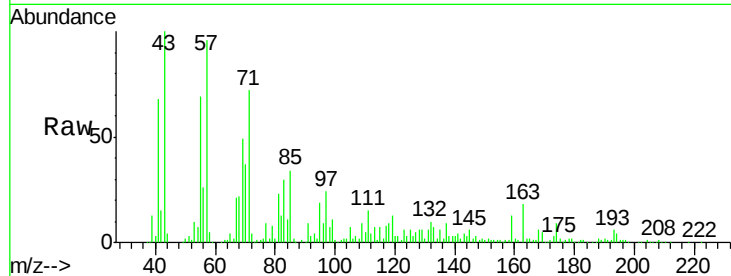
Tgt Ion:163 Resp: 33597

Ion Ratio Lower Upper

163 100

194 22.6 3.0 4.6#

164 11.8 8.1 12.1



#53

2,4-Dinitrophenol

Concen: 8.04 ng

RT: 14.90 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

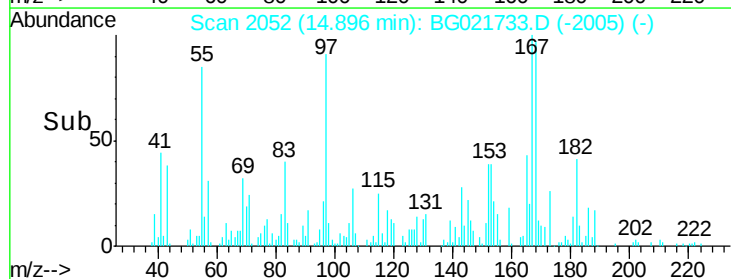
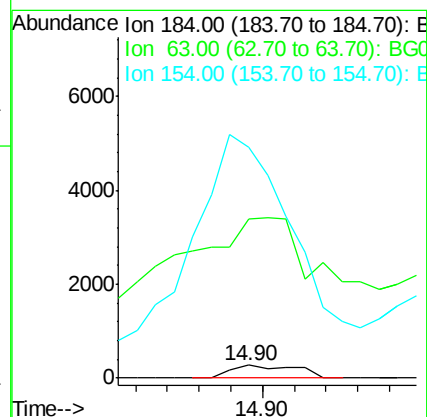
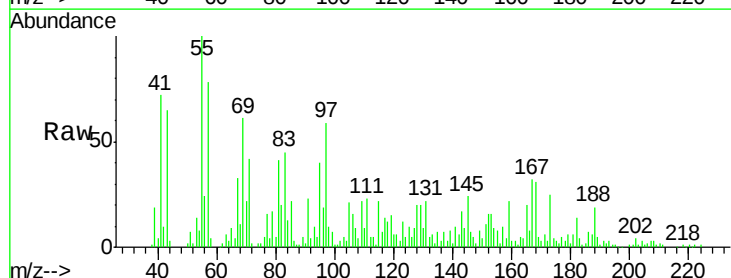
Tgt Ion:184 Resp: 394

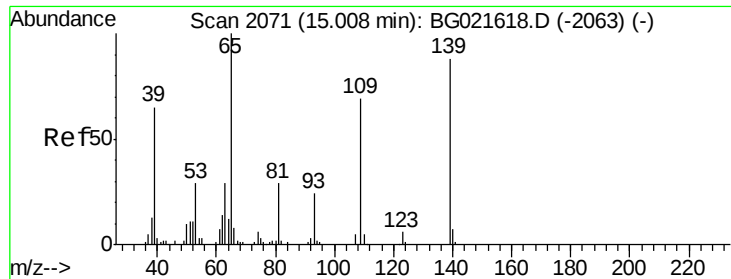
Ion Ratio Lower Upper

184 100

63 1257.0 57.3 85.9#

154 1815.6 55.2 82.8#

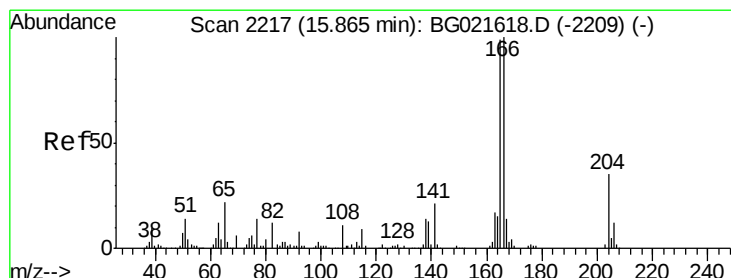
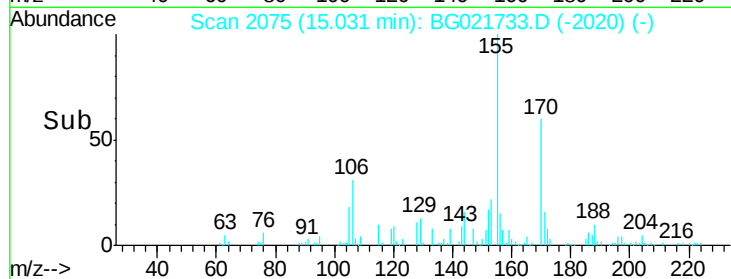
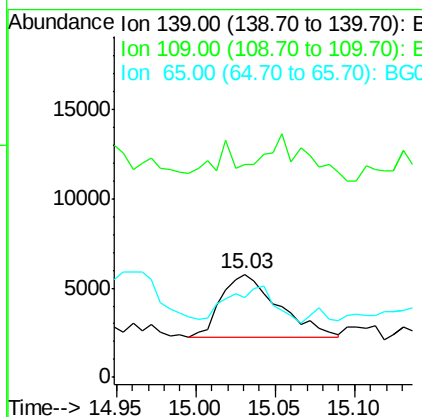
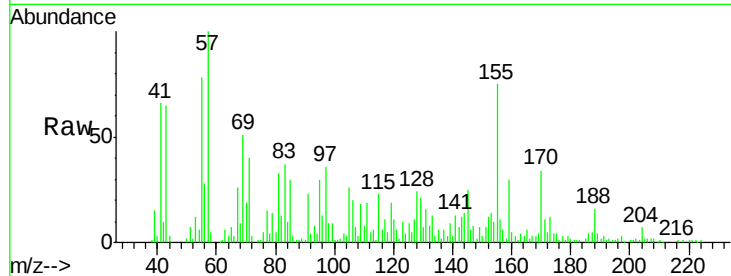




#55
4-Nitrophenol
Concen: 5.89 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

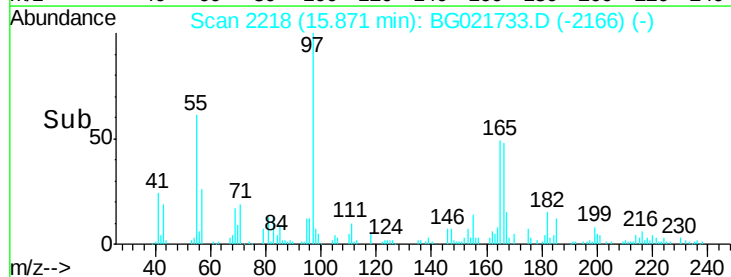
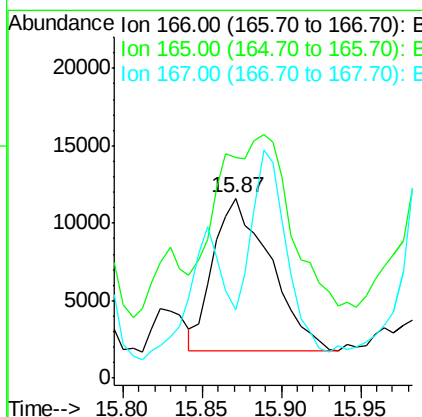
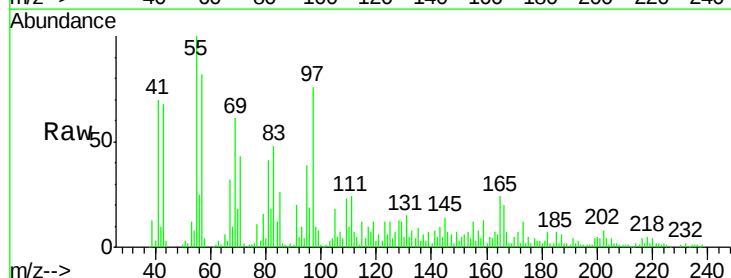
Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

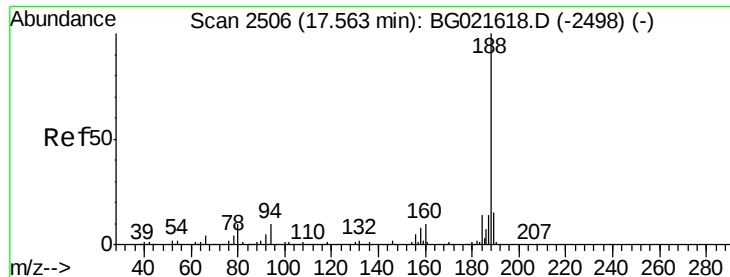
Tgt Ion:139 Resp: 8929
Ion Ratio Lower Upper
139 100
109 206.3 49.2 89.2#
65 76.8 83.2 123.2#



#57
Fluorene
Concen: 3.15 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion:166 Resp: 24496
Ion Ratio Lower Upper
166 100
165 122.9 79.0 118.4#
167 37.7 10.7 16.1#

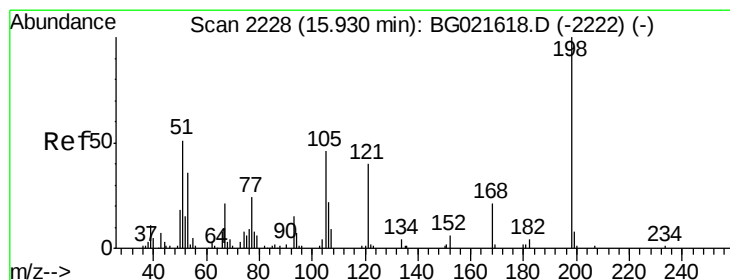
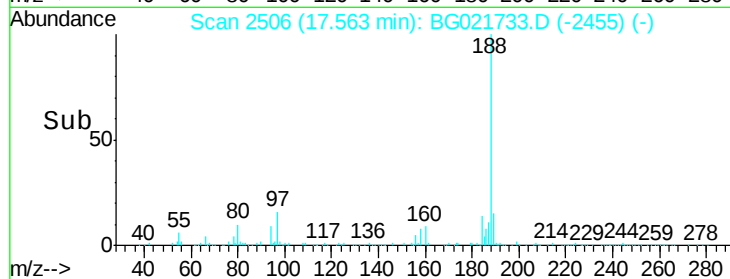
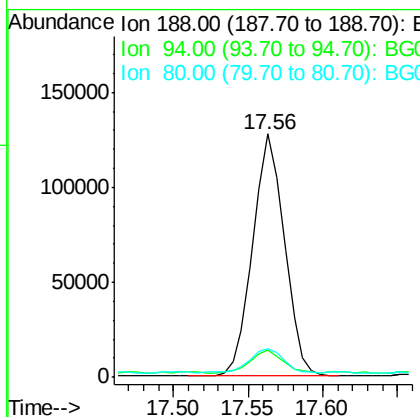
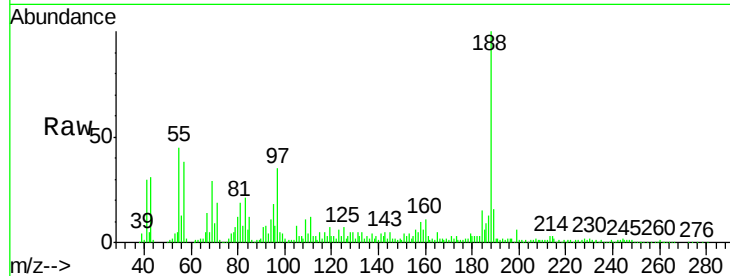




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

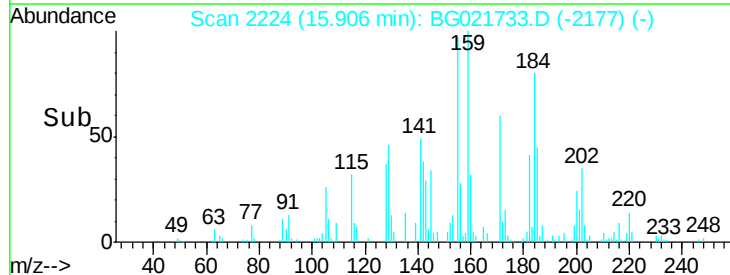
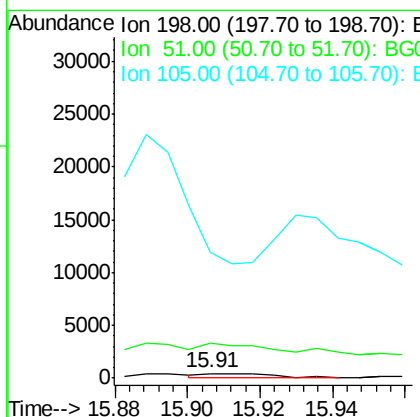
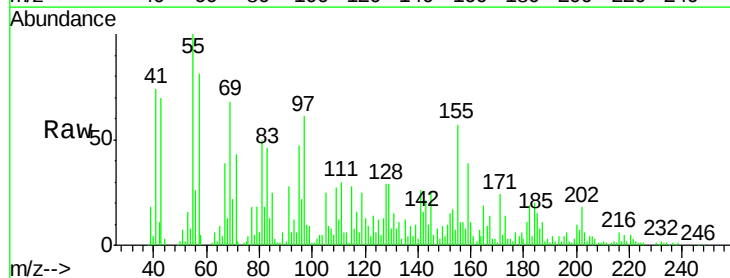
Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

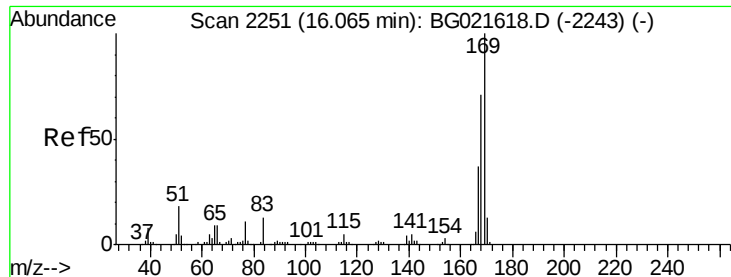
Tgt Ion:188 Resp: 187526
Ion Ratio Lower Upper
188 100
94 11.2 7.5 11.3
80 11.9 8.6 13.0



#64
4,6-Dinitro-2-methylphenol
Concen: 6.06 ng
RT: 15.91 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion:198 Resp: 585
Ion Ratio Lower Upper
198 100
51 718.9 29.2 69.2#
105 2588.3 24.0 64.0#





#65

n-Nitrosodiphenylamine

Concen: 12.66 ng

RT: 16.06 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

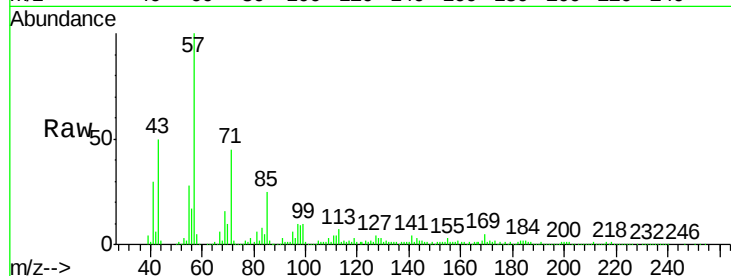
Tgt Ion:169 Resp: 71216

Ion Ratio Lower Upper

169 100

168 40.6 59.6 89.4#

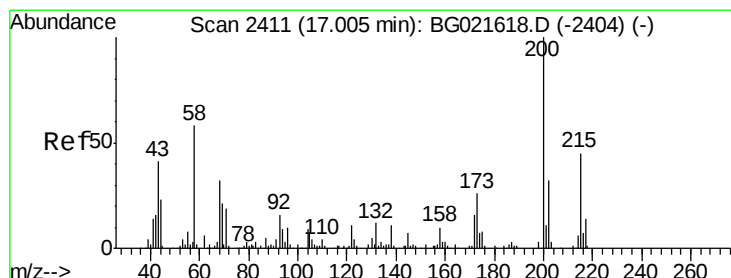
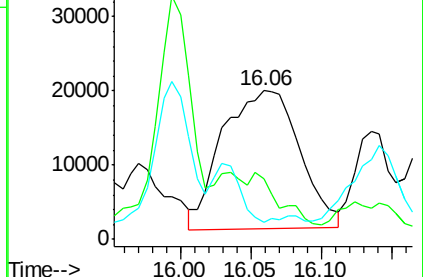
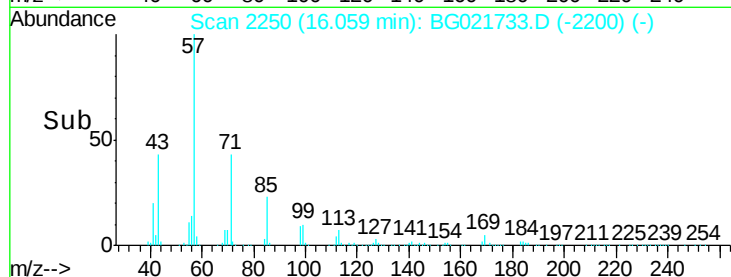
167 11.6 31.2 46.8#



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



#68

Atrazine

Concen: 4.29 ng

RT: 17.01 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

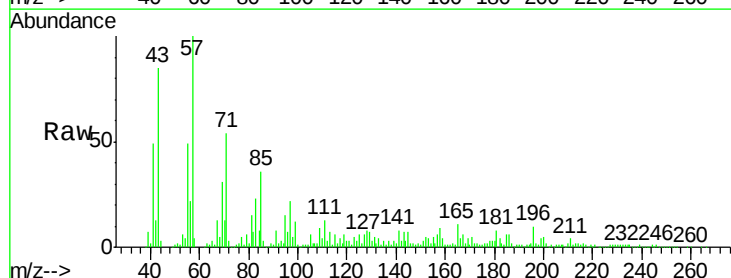
Tgt Ion:200 Resp: 9518

Ion Ratio Lower Upper

200 100

173 49.7 5.1 45.1#

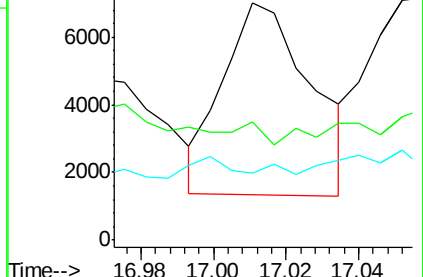
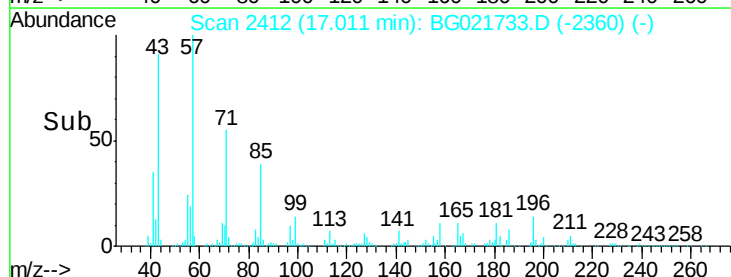
215 28.3 28.0 68.0

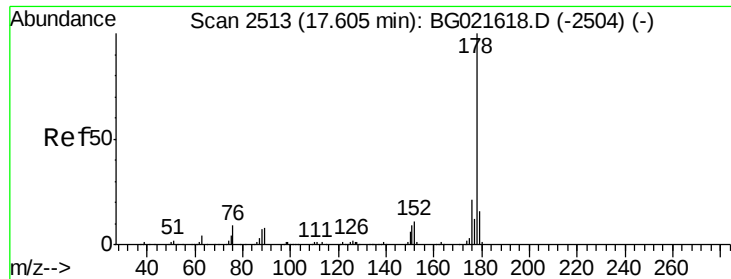


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 4.88 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

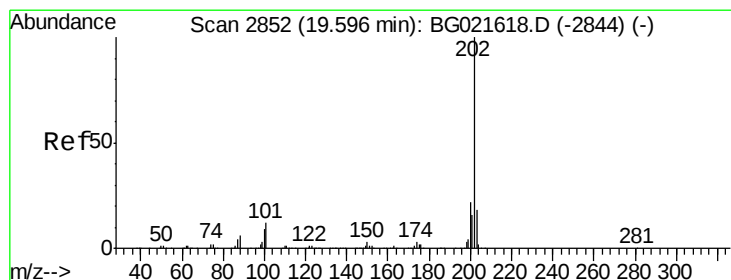
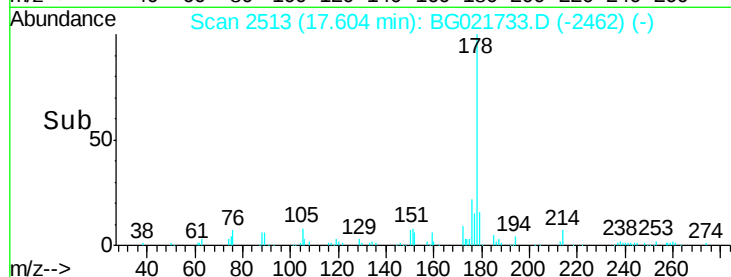
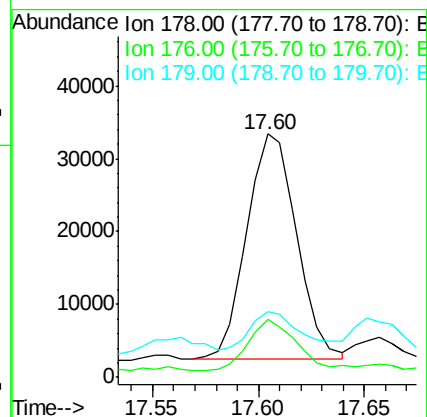
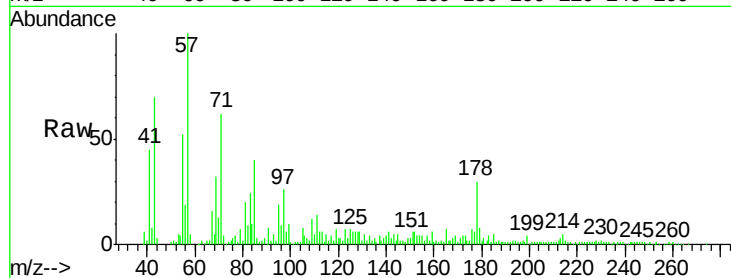
Tgt Ion:178 Resp: 50412

Ion Ratio Lower Upper

178 100

176 23.9 16.2 24.4

179 26.8 12.0 18.0#



#74

Fluoranthene

Concen: 4.53 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

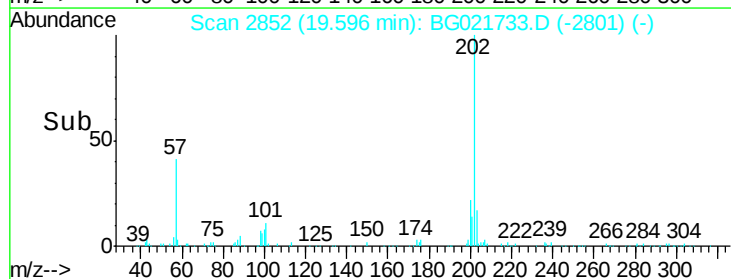
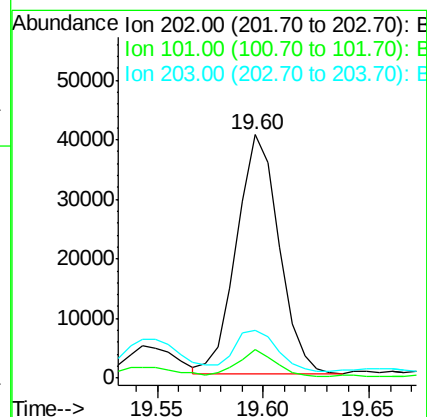
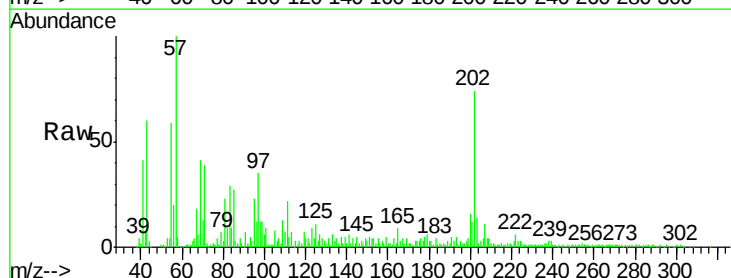
Tgt Ion:202 Resp: 55915

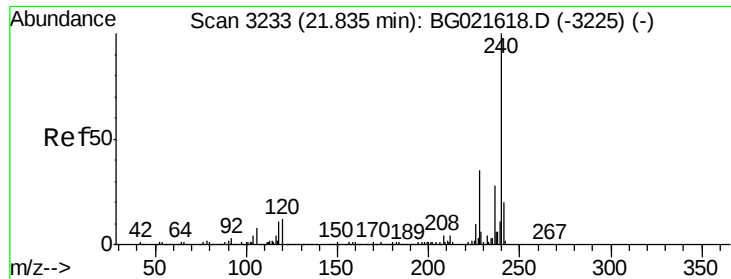
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.0

203 19.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

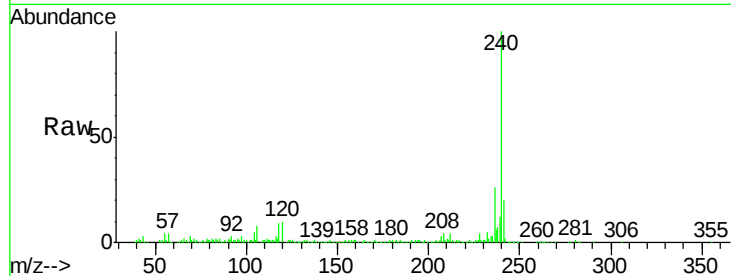
Tgt Ion:240 Resp: 214575

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

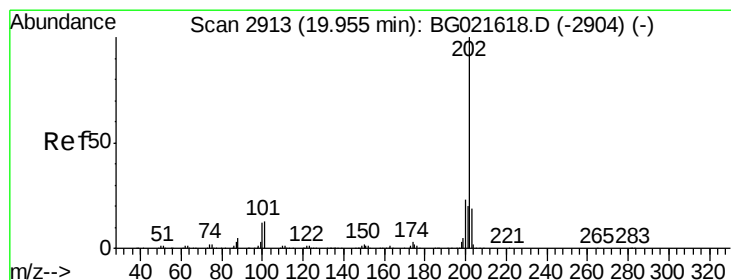
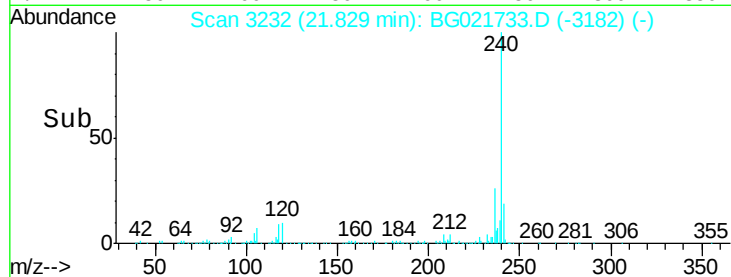
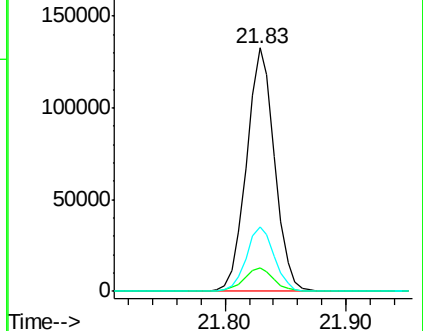
236 26.5 19.6 29.4



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: 6.68 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

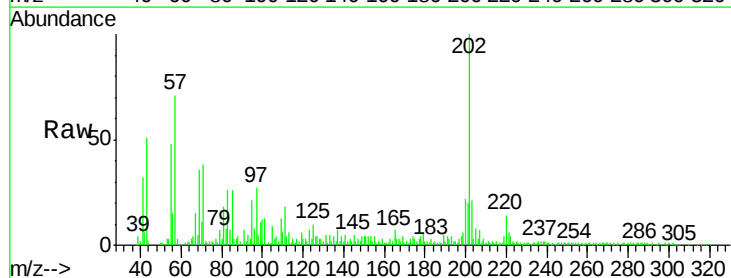
Tgt Ion:202 Resp: 82618

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.2

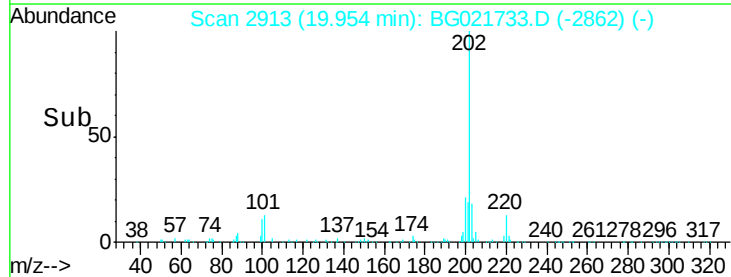
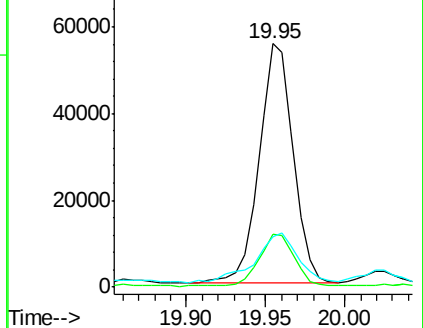
203 20.6 15.0 22.4

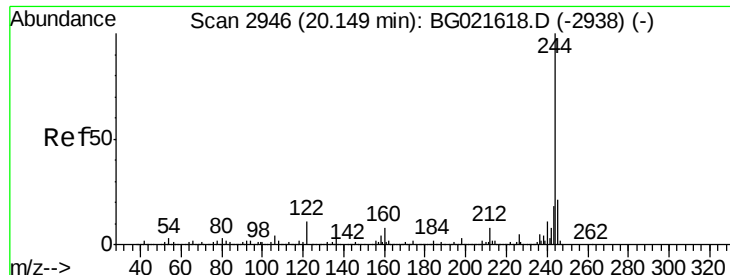


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 51.70 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

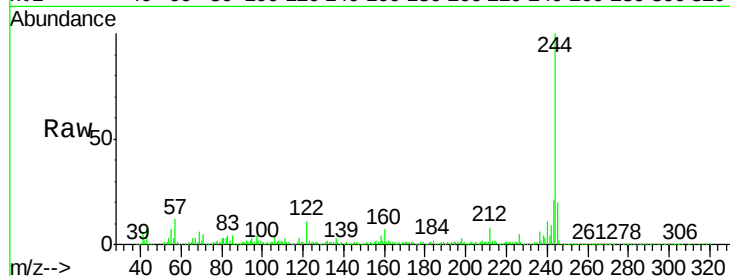
Tgt Ion:244 Resp: 444580

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

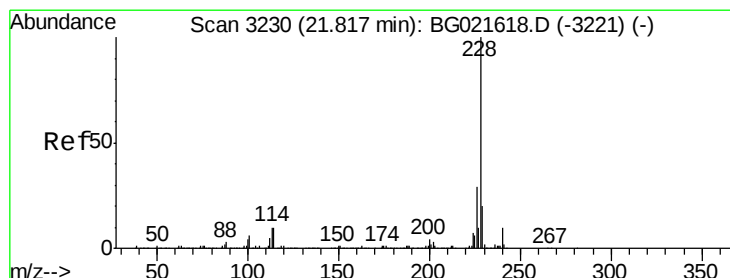
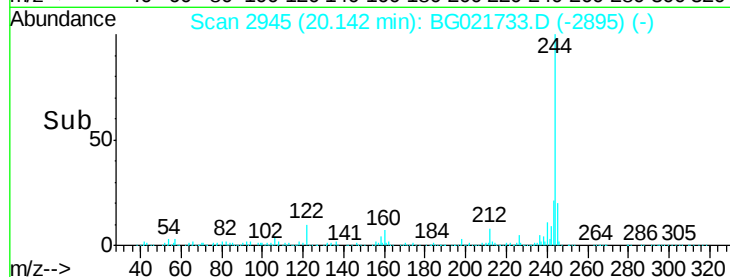
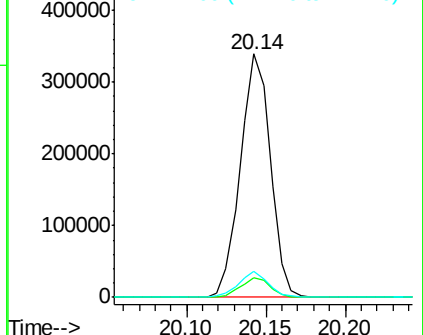
122 10.6 8.6 12.8



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



#80

Benzo(a)anthracene

Concen: 2.31 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

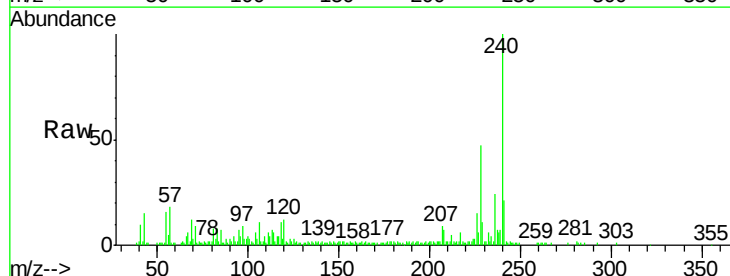
Tgt Ion:228 Resp: 28469

Ion Ratio Lower Upper

228 100

226 31.1 22.6 34.0

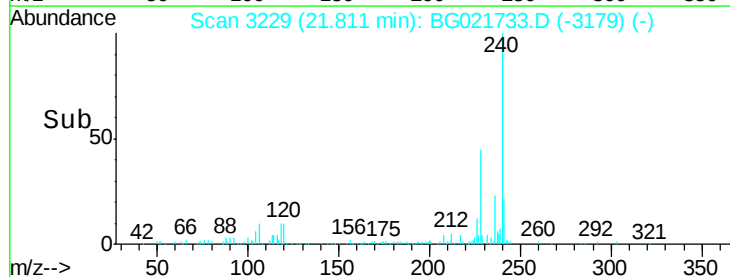
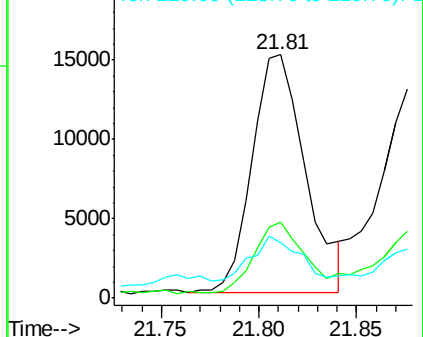
229 22.5 16.1 24.1

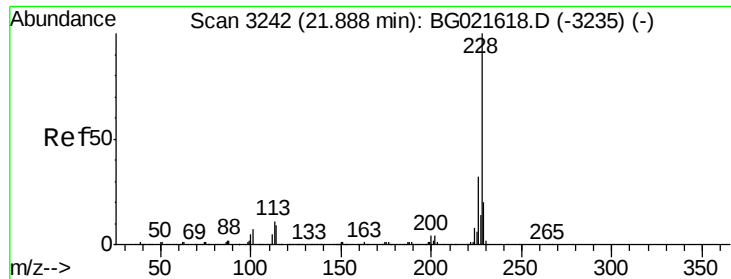


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.05 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL

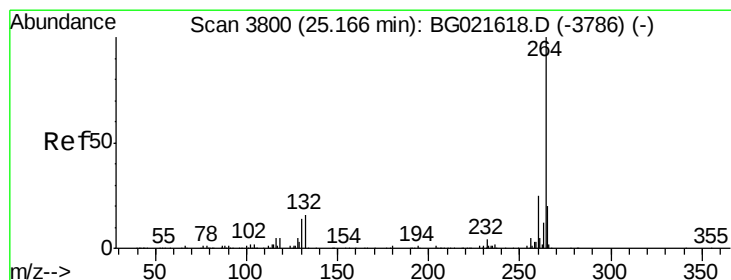
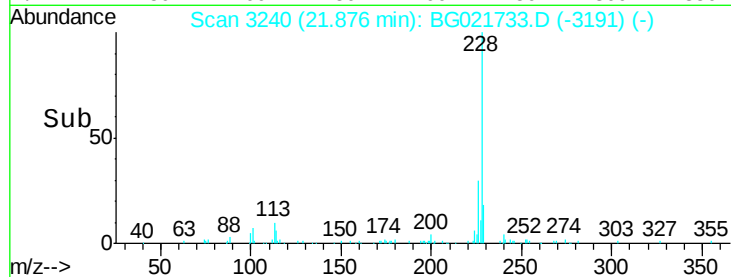
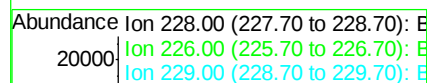
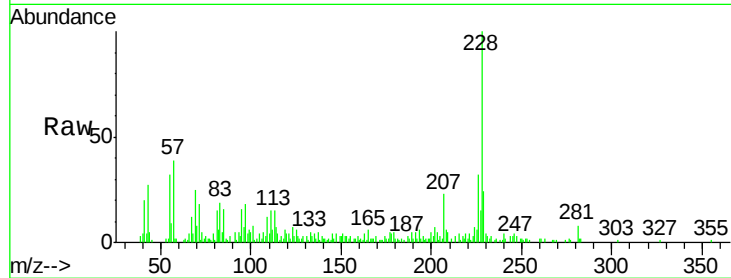
Tgt Ion:228 Resp: 24294

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

229 23.7 15.9 23.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021733.D

Acq: 18 Apr 2016 10:27

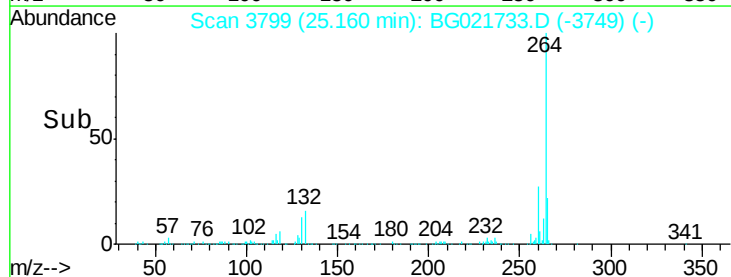
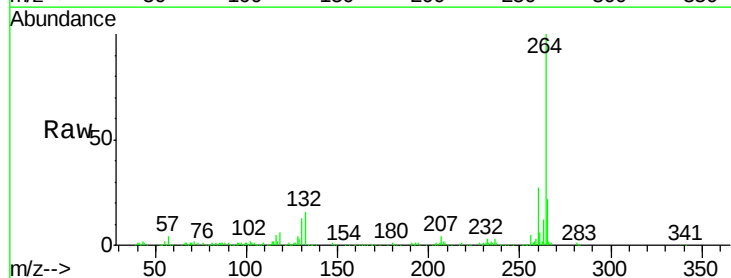
Tgt Ion:264 Resp: 213911

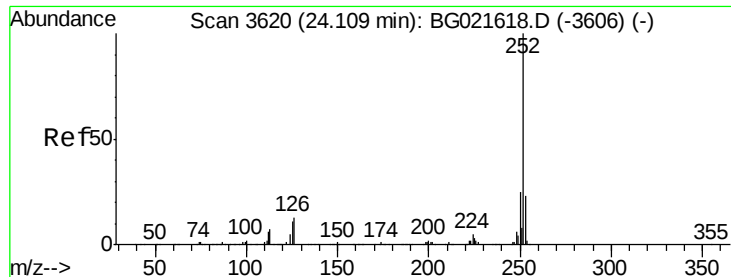
Ion Ratio Lower Upper

264 100

260 26.9 20.2 30.4

265 21.7 17.8 26.8

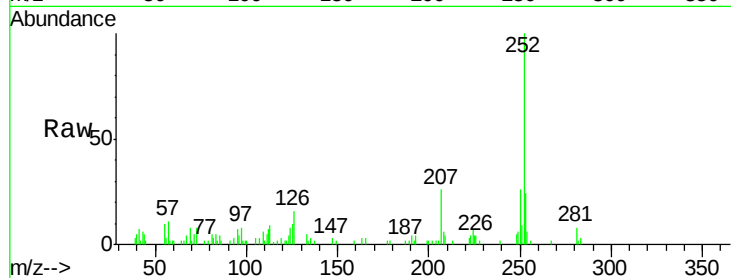




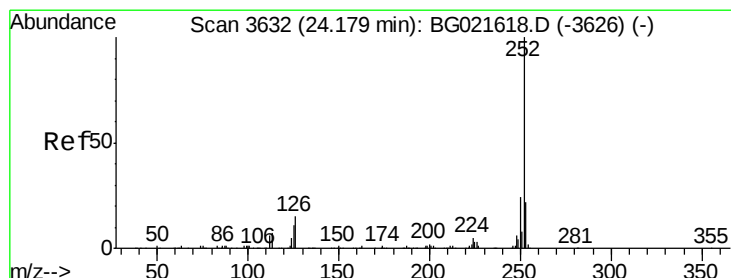
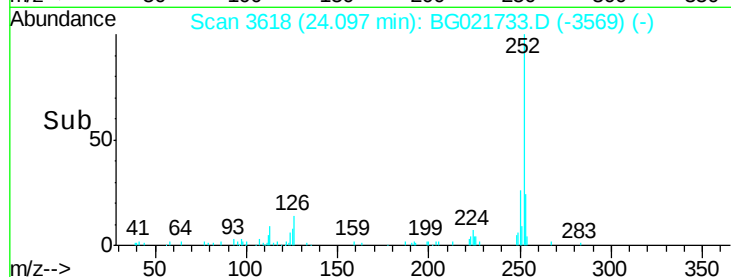
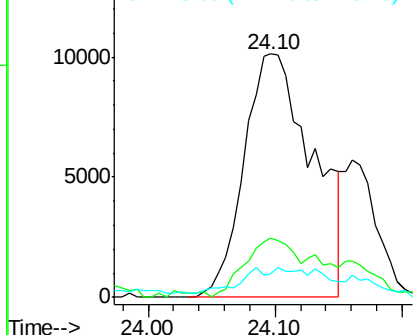
#87
Benzo(b)fluoranthene
Concen: 3.07 ng
RT: 24.10 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	9.8	8.6	13.0

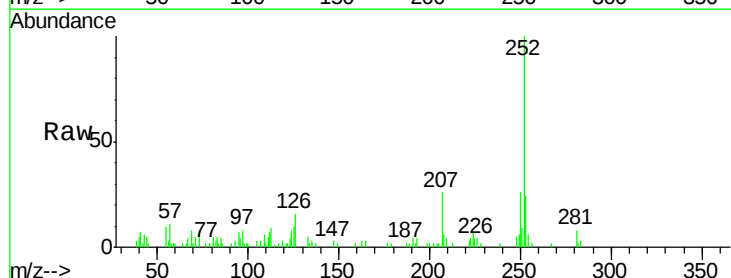


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

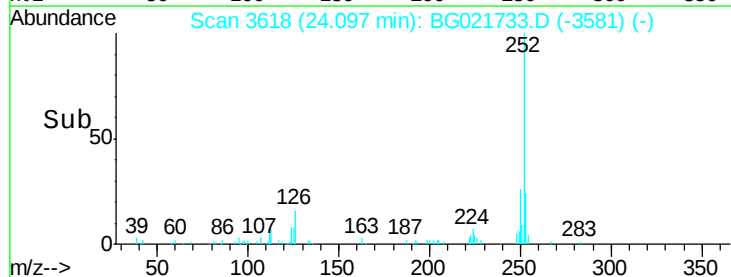
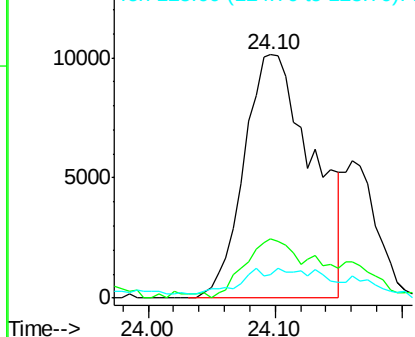


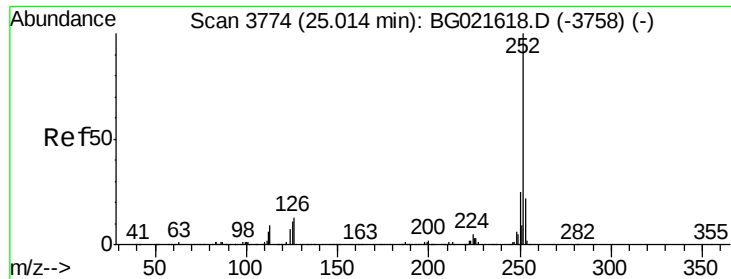
#88
Benzo(k)fluoranthene
Concen: 3.14 ng
RT: 24.10 min Scan# 3618
Delta R.T. -0.08 min
Lab File: BG021733.D
Acq: 18 Apr 2016 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	9.8	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





#89

Benzo(a)pyrene

Concen: 2.13 ng

RT: 25.00 min Scan# 3771

Delta R.T. -0.02 min

Lab File: BG021733.D

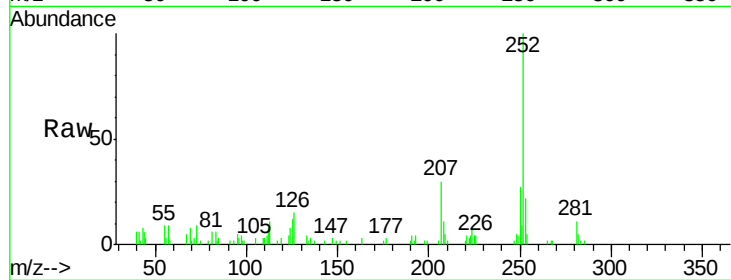
Acq: 18 Apr 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SB-13-7.5-8DL



Tgt Ion:	252	Resp:	25627
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.7	9.6	14.4

