

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032801.D
 Acq On : 23 Feb 2018 22:04
 Operator : SJ/JU
 Sample : J1642-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 23 22:52:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

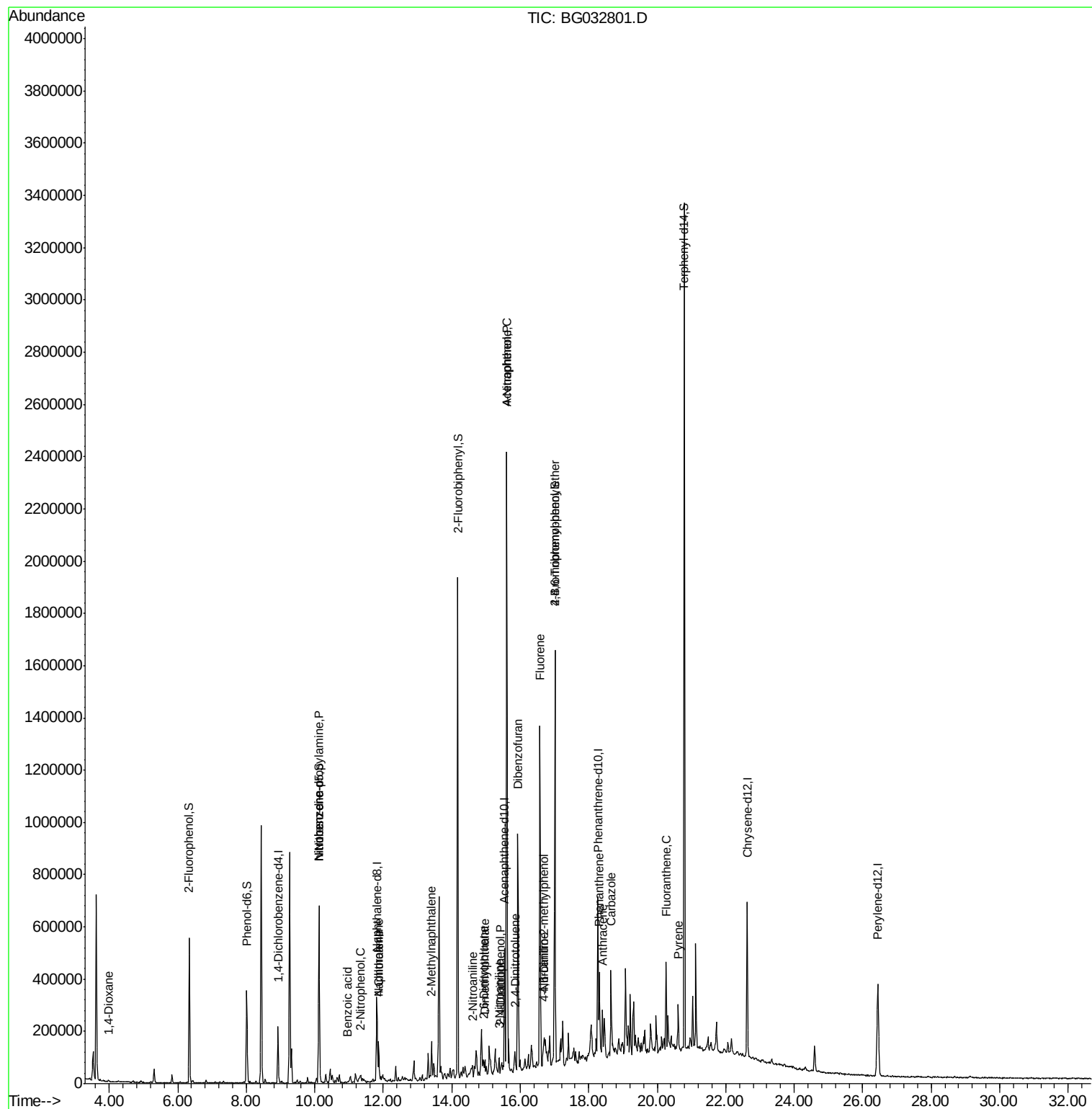
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	65607	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	291165	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	167826	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	389385	20.00	ng	0.00
75) Chrysene-d12	22.63	240	388041	20.00	ng	0.00
86) Perylene-d12	26.44	264	415510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	272834	66.53	ng	0.00
7) Phenol-d6	8.02	99	233467	40.84	ng	0.00
23) Nitrobenzene-d5	10.12	82	430350	100.52	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	274626	155.63	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	991265	85.19	ng	0.00
78) Terphenyl-d14	20.79	244	1418589	82.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	4708	2.65	ng	# 68
19) n-Nitroso-di-n-propylamine	10.12	70	55565	13.77	ng	# 82
24) Nitrobenzene	10.12	77	1983	6.75	ng	# 46
26) 2-Nitrophenol	11.33	139	231	5.59	ng	# 15
31) Naphthalene	11.86	128	126647	8.32	ng	# 98
32) Benzoic acid	10.96	122	71	5.85	ng	# 58
33) 4-Chloroaniline	11.86	127	18359	2.70	ng	# 39
37) 2-Methylnaphthalene	13.41	142	48282	4.39	ng	# 97
47) 2-Nitroaniline	14.61	65	174	9.89	ng	# 9
49) Dimethylphthalate	14.97	163	37584	2.64	ng	# 97
50) 2,6-Dinitrotoluene	14.94	165	2875	9.89	ng	# 62
51) Acenaphthene	15.61	154	882249	78.98	ng	# 98
52) 3-Nitroaniline	15.41	138	412	7.66	ng	# 37
53) 2,4-Dinitrophenol	15.42	184	56	3.50	ng	# 20
54) Dibenzofuran	15.93	168	627892	39.48	ng	# 95
55) 4-Nitrophenol	15.61	139	9041	10.61	ng	# 48
56) 2,4-Dinitrotoluene	15.84	165	5992	9.00	ng	# 58
57) Fluorene	16.58	166	618244	47.10	ng	# 99
61) 4-Nitroaniline	16.67	138	973	5.58	ng	# 89
64) 4,6-Dinitro-2-methylphenol	16.69	198	595	5.60	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	19887	4.83	ng	# 1
70) Phenanthrene	18.31	178	193444	8.90	ng	# 98
71) Anthracene	18.40	178	119997	5.50	ng	# 99
72) Carbazole	18.65	167	210993	9.82	ng	# 98
74) Fluoranthene	20.26	202	170291	7.10	ng	# 95
77) Pyrene	20.62	202	100262	3.66	ng	# 98

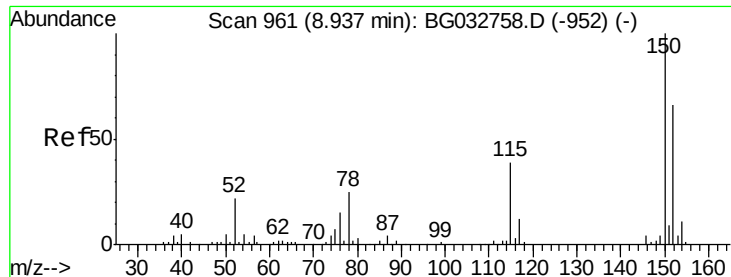
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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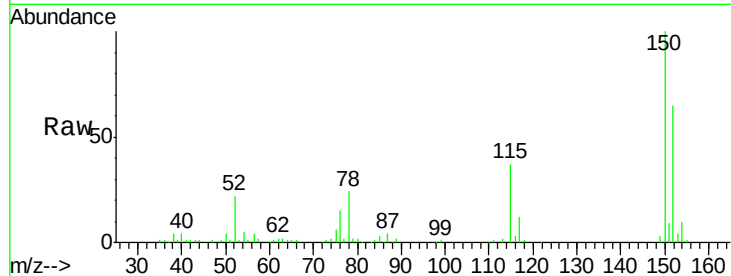


#1

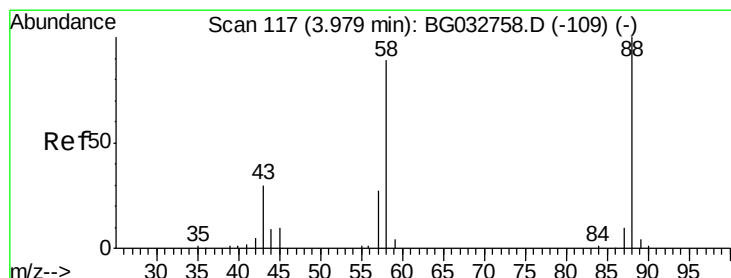
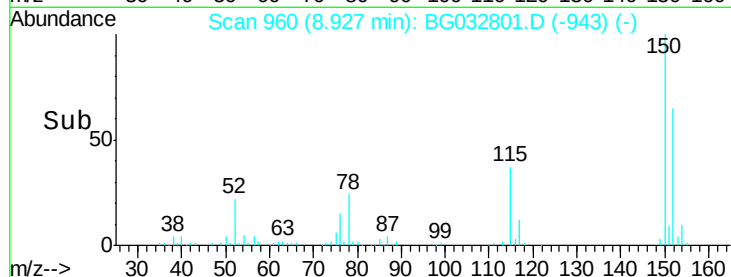
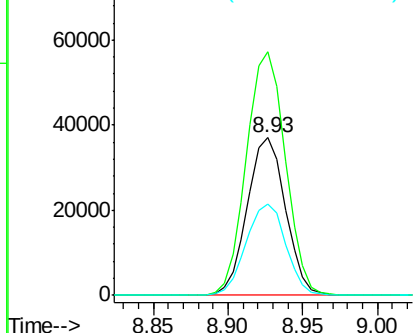
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	57.5	53.0	79.4



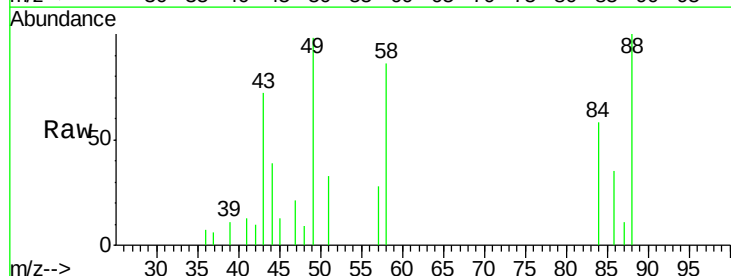
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



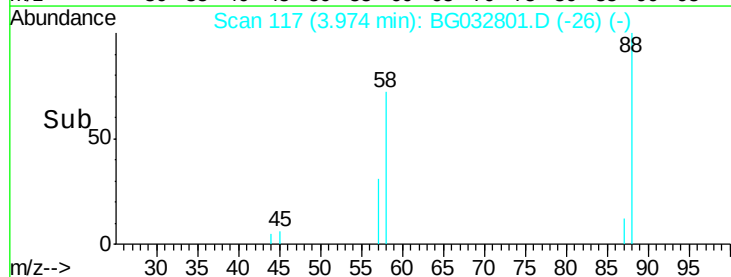
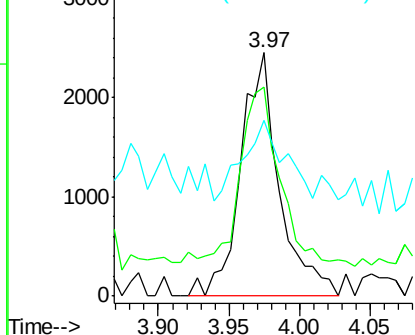
#2

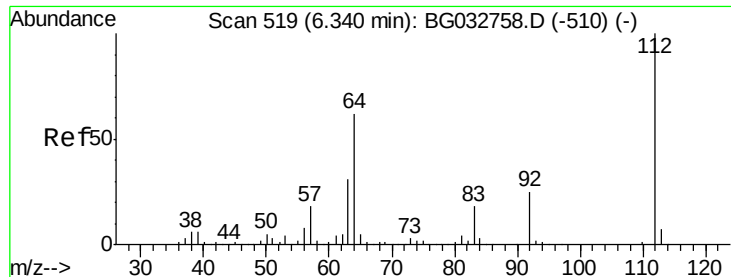
1,4-Dioxane
Concen: 2.65 ng
RT: 3.97 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	79.6	119.4#
43	0.0	27.4	41.0#



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





#5

2-Fluorophenol

Concen: 66.53 ng

RT: 6.34 min Scan# 519

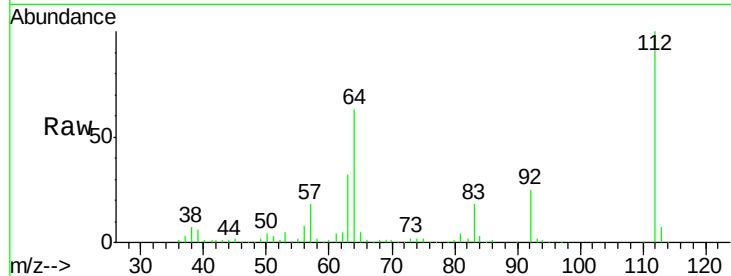
Delta R.T. 0.00 min

Lab File: BG032801.D

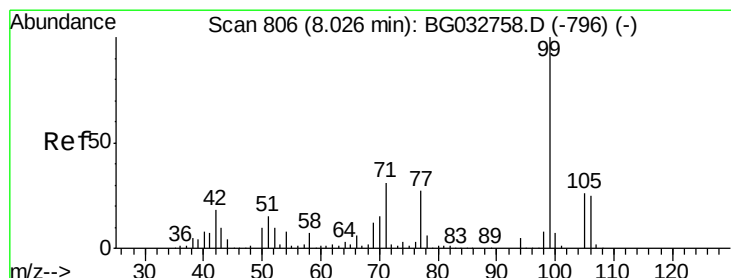
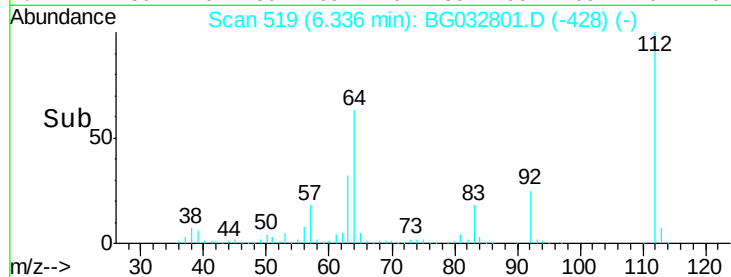
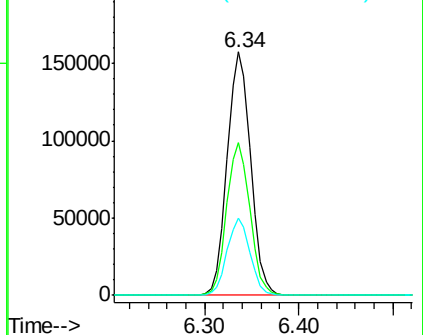
Acq: 23 Feb 2018 22:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	272834
Ion	Ratio	Lower	Upper
112	100		
64	62.5	56.3	84.5
63	31.9	30.1	45.1



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



#7

Phenol-d6

Concen: 40.84 ng

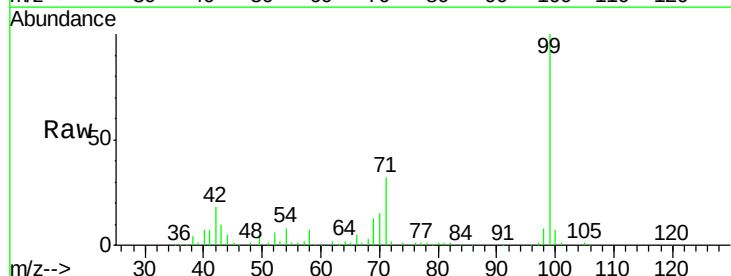
RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

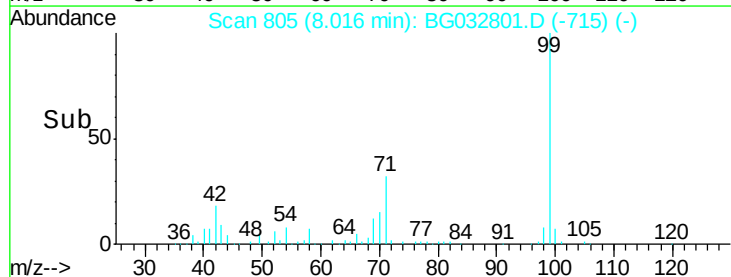
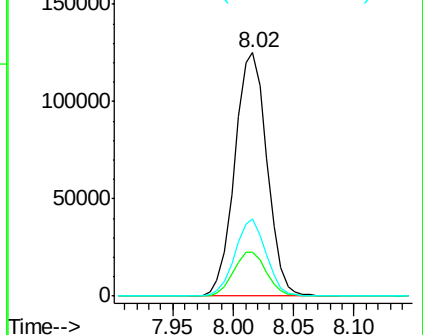
Lab File: BG032801.D

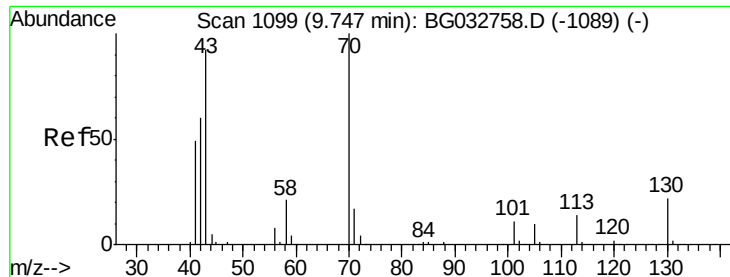
Acq: 23 Feb 2018 22:04

Tgt Ion:	99	Resp:	233467
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	32.0	26.1	39.1



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

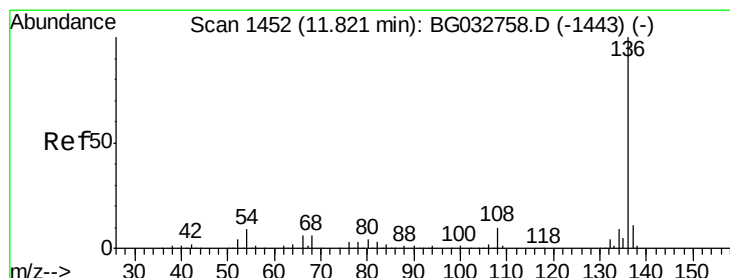
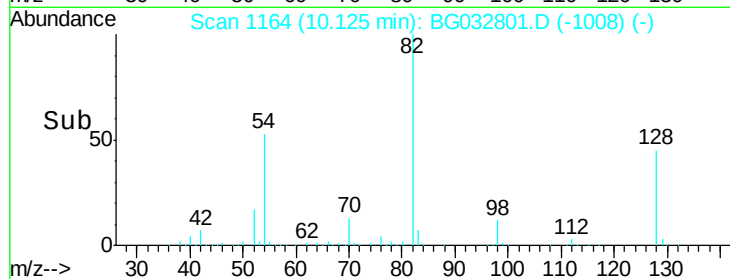
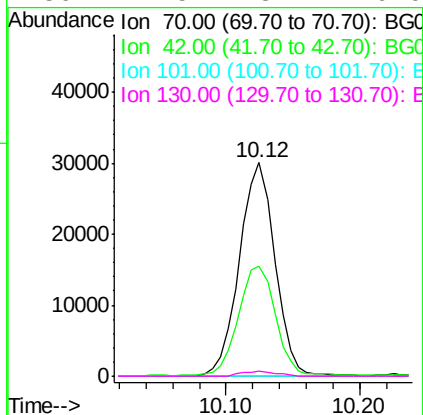
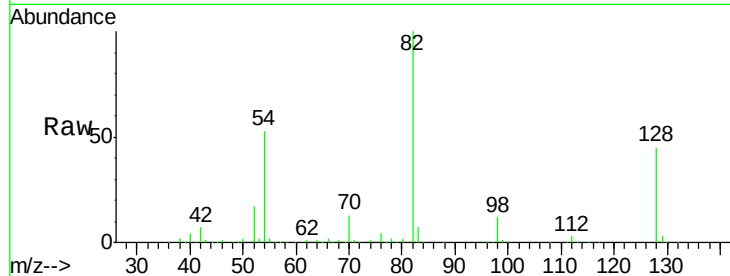




#19
n-Nitroso-di-n-propylamine
Concen: 13.77 ng
RT: 10.12 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

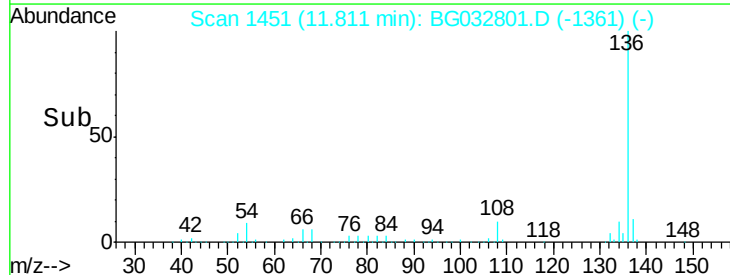
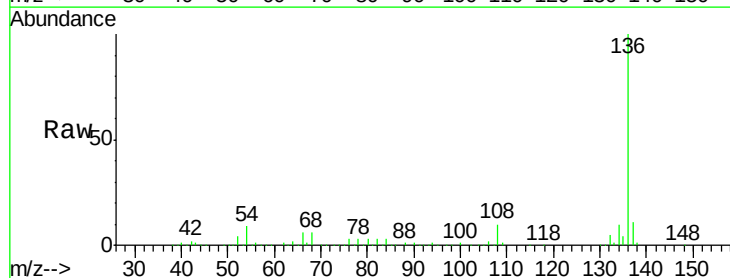
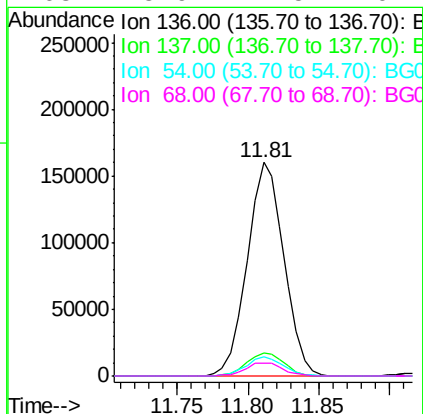
Instrument :
BNA_G
ClientSampleId :

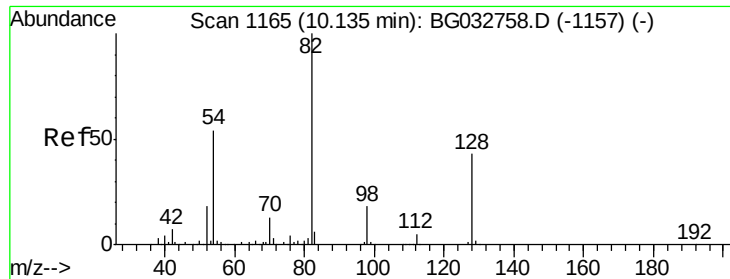
Tot Ion: 70 Resp: 55565
Ion Ratio Lower Upper
70 100
42 51.7 49.1 73.7
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Tgt Ion: 136 Resp: 291165
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.1 10.3 15.5#
68 5.9 4.5 6.7

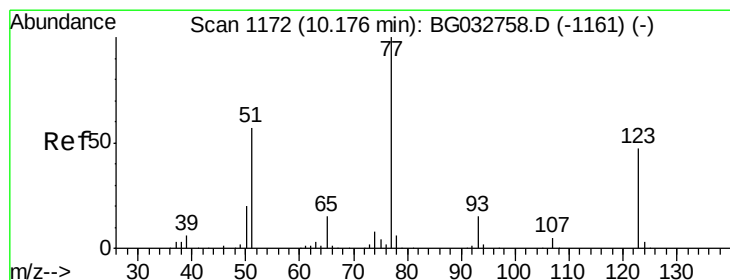
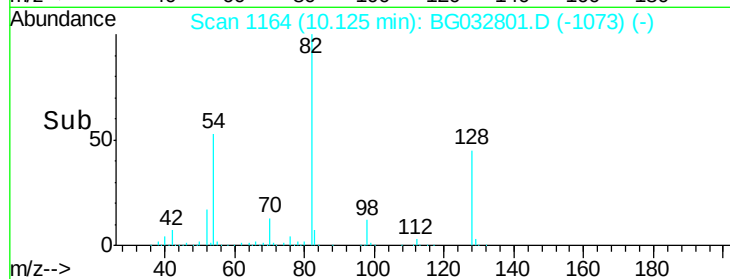
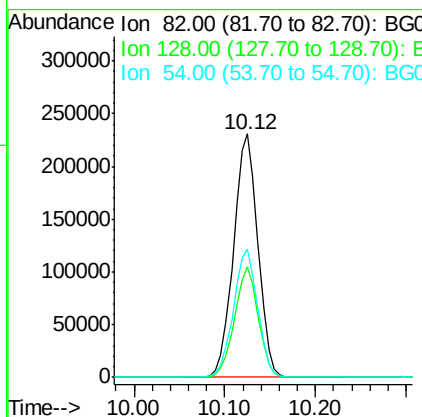
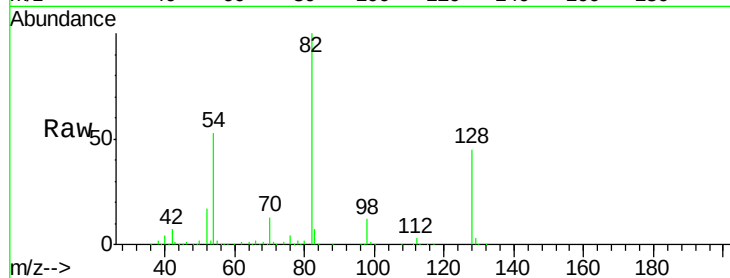




#23
 Nitrobenzene-d5
 Concen: 100.52 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

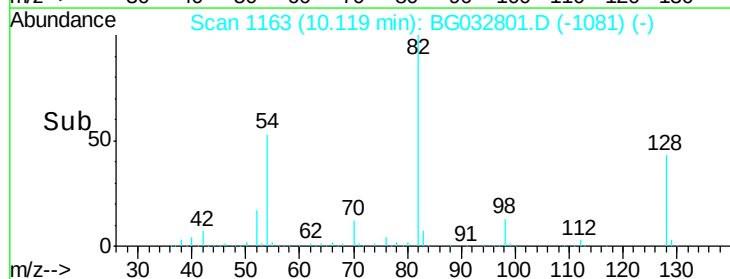
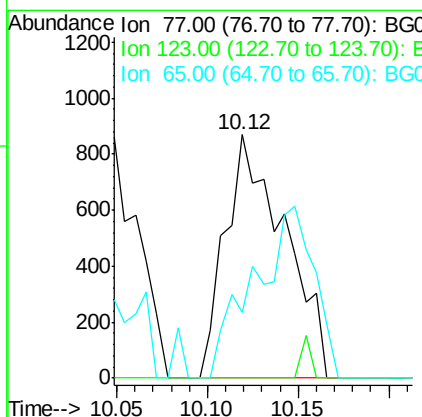
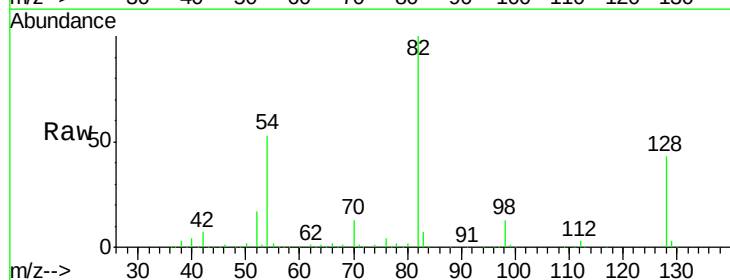
Instrument :
 BNA_G
 ClientSampleID :

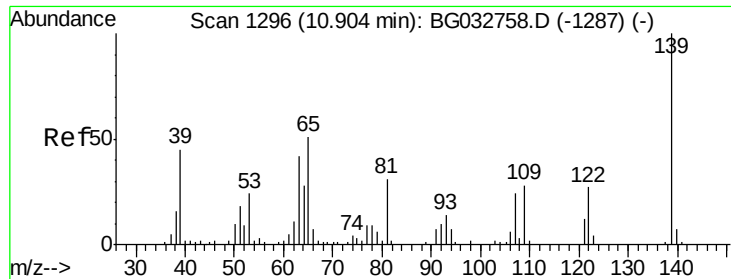
Tot Ion	82	Resp	430350
Ion Ratio	Lower	Upper	
82	100		
128	45.2	29.7	44.5#
54	52.7	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.75 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

Tgt Ion	77	Resp	1983
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.6#
65	26.8	13.0	19.6#

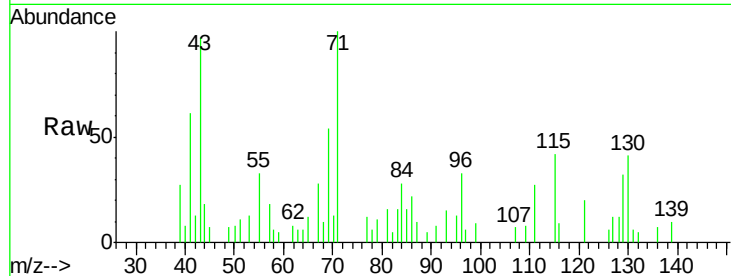




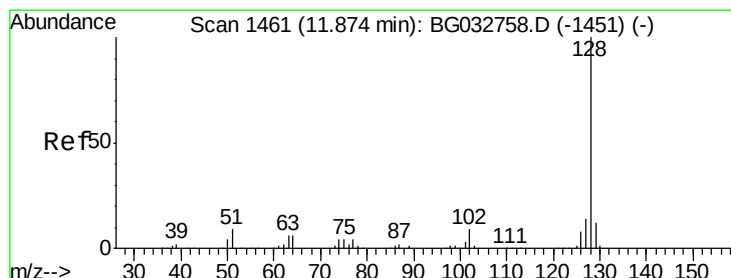
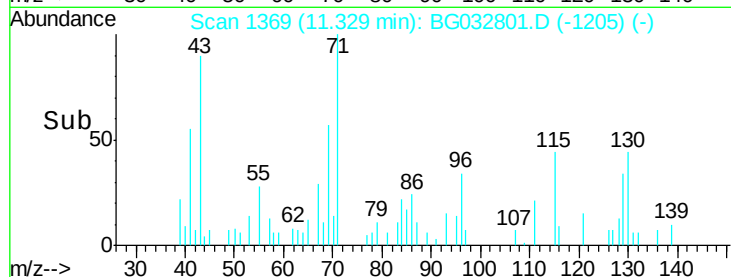
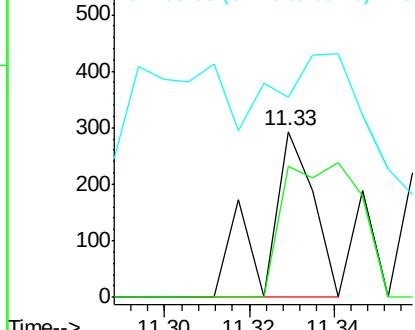
#26
2-Nitrophenol
Concen: 5.59 ng
RT: 11.33 min Scan# 1369
Delta R.T. 0.43 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 231
Ion Ratio Lower Upper
139 100
109 79.2 24.2 36.2#
65 121.2 47.4 71.0#

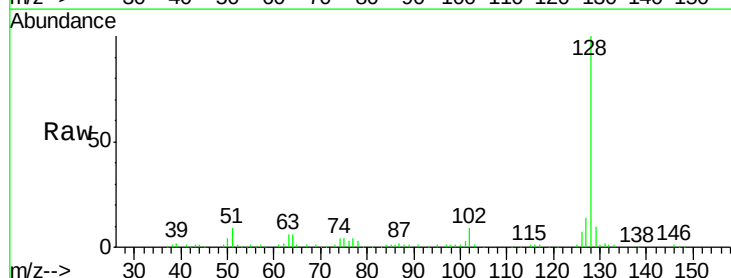


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

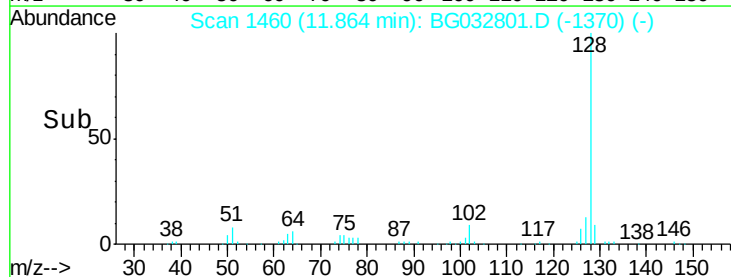
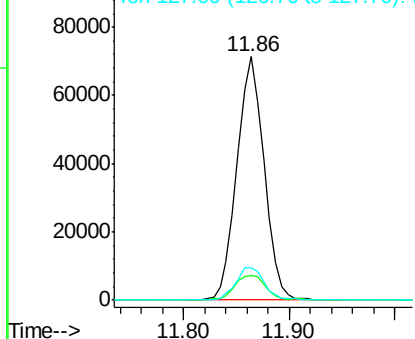


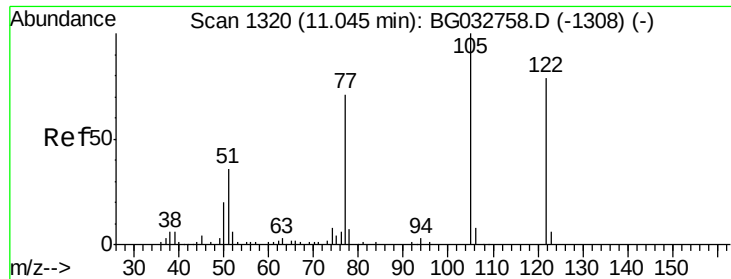
#31
Naphthalene
Concen: 8.32 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Tgt Ion:128 Resp: 126647
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.6 11.6 17.4



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





#32

Benzoic acid

Concen: 5.85 ng

RT: 10.96 min Scan# 1306

Delta R.T. -0.07 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

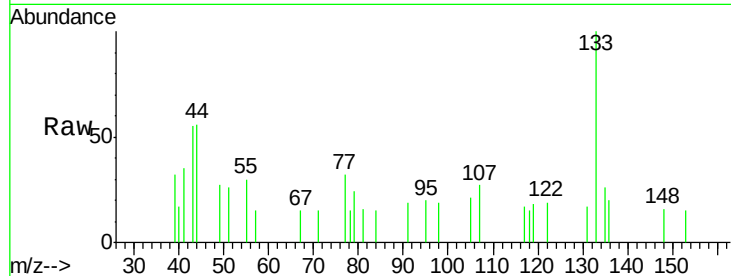
Tot Ion:122 Resp: 71

Ion Ratio Lower Upper

122 100

105 110.0 123.5 163.5#

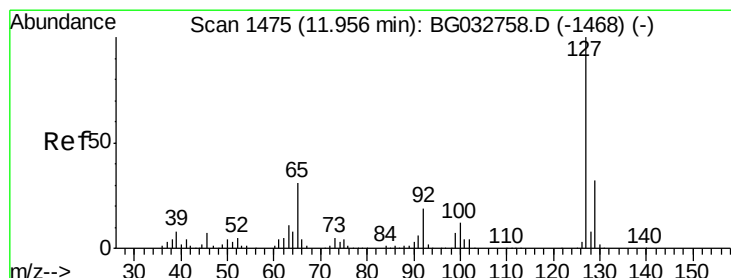
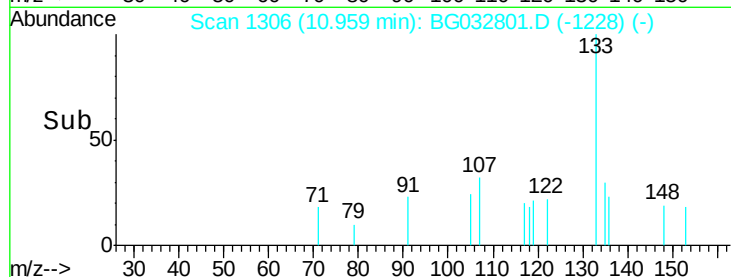
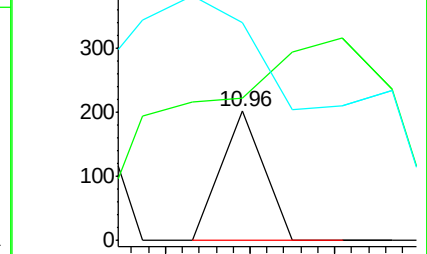
77 169.7 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 2.70 ng

RT: 11.86 min Scan# 1460

Delta R.T. -0.09 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Tgt Ion:127 Resp: 18359

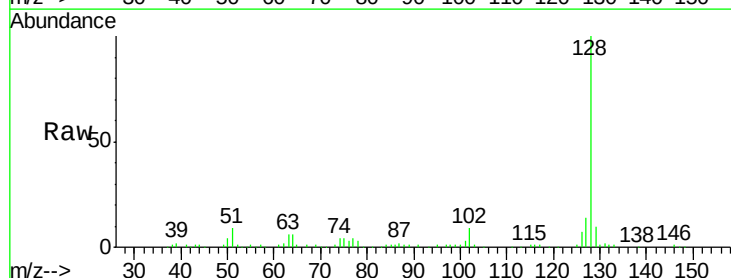
Ion Ratio Lower Upper

127 100

129 76.3 24.0 36.0#

65 5.1 27.0 40.4#

92 0.0 16.6 25.0#

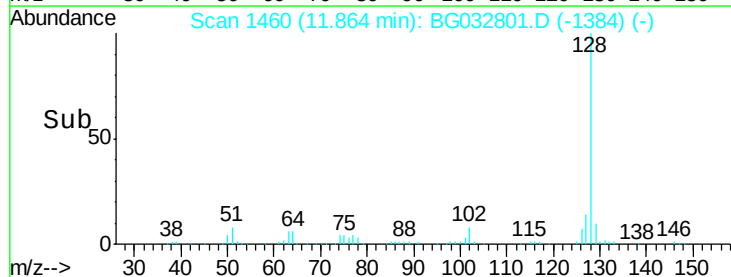
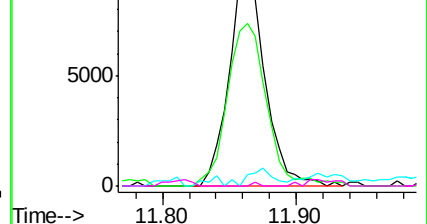


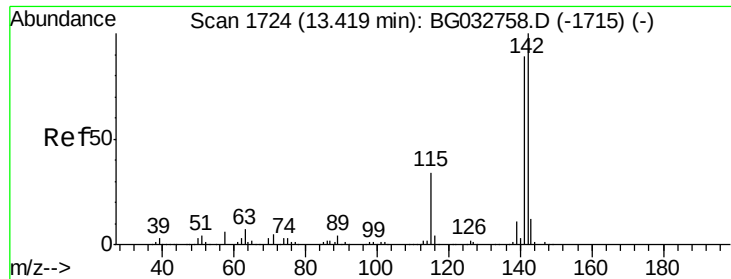
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

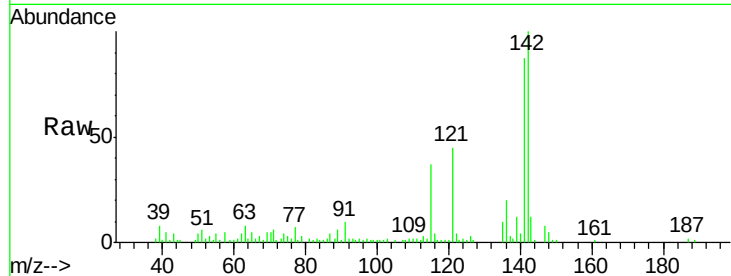




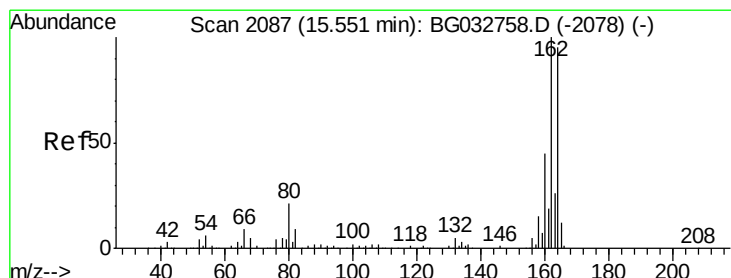
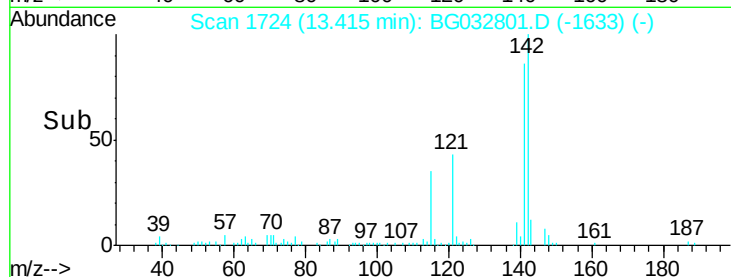
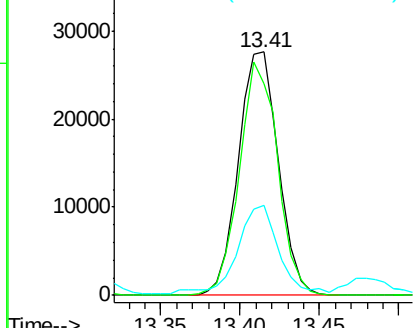
#37
2-Methylnaphthalene
Concen: 4.39 ng
RT: 13.41 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 48282
Ion Ratio Lower Upper
142 100
141 86.8 67.1 100.7
115 37.1 30.7 46.1

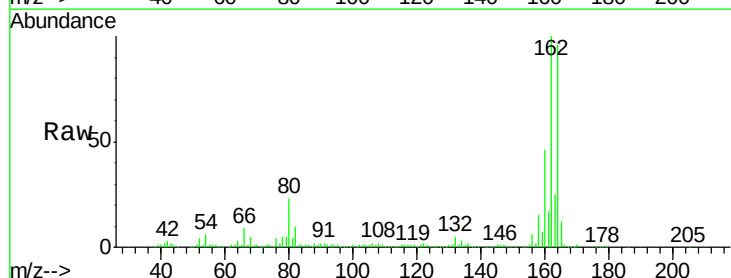


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

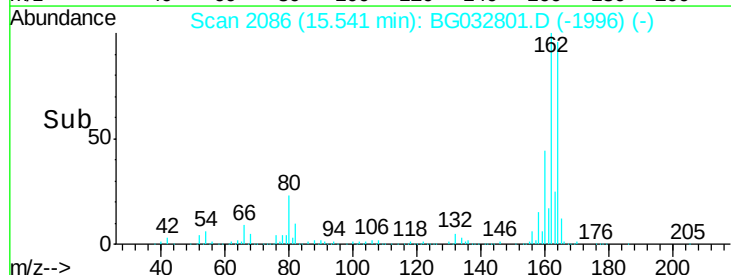
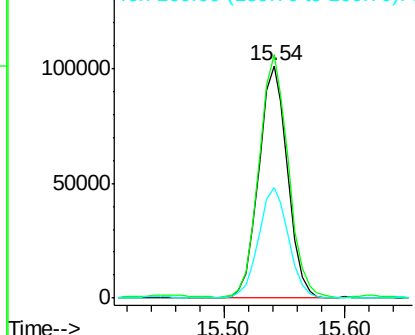


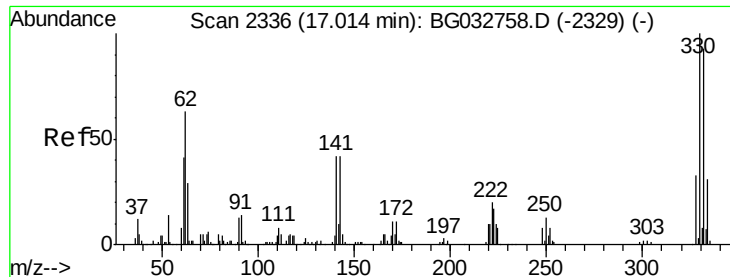
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Tgt Ion:164 Resp: 167826
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 47.7 35.4 53.0



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

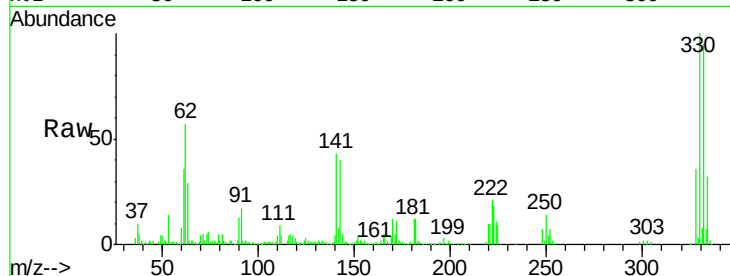




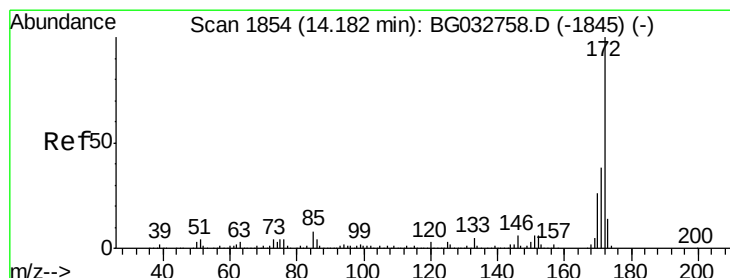
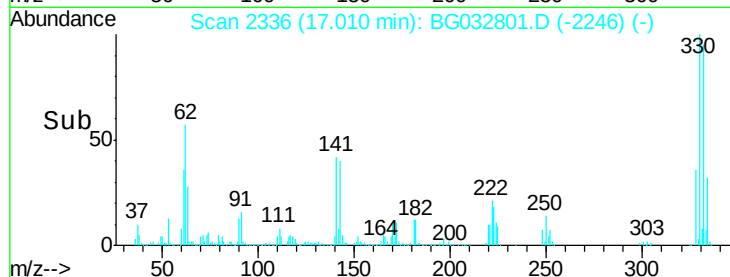
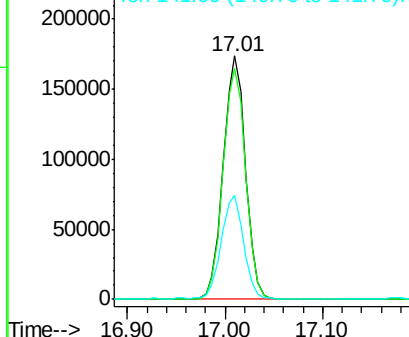
#41
 2,4,6-Tribromophenol
 Concen: 155.63 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 274626
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 42.4 25.2 37.8#

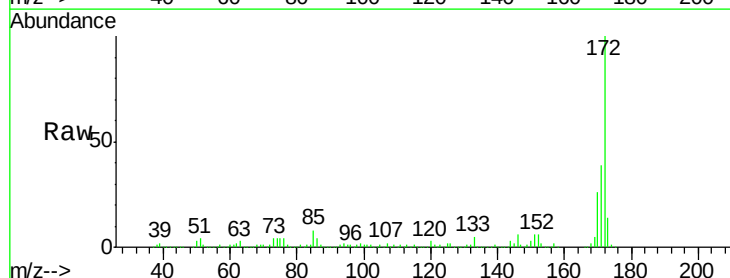


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

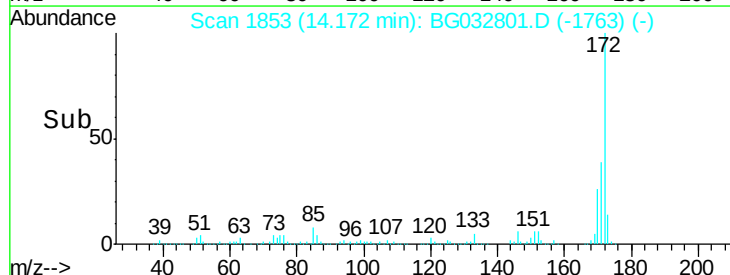
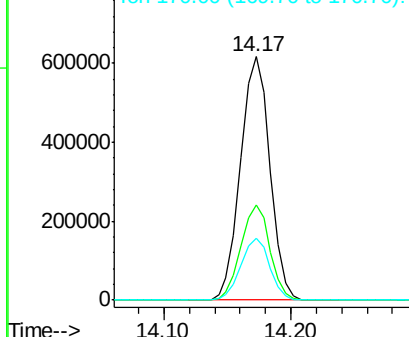


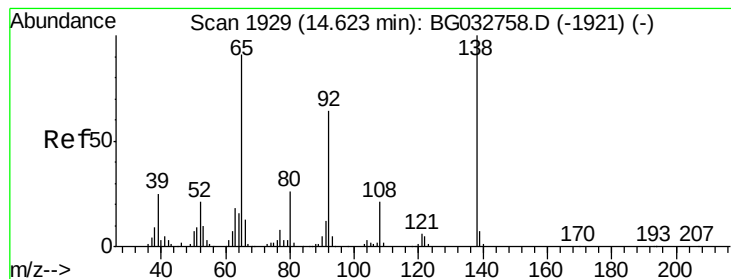
#44
 2-Fluorobiphenyl
 Concen: 85.19 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

Tgt Ion:172 Resp: 991265
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.5 19.5 29.3



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





#47

2-Nitroaniline

Concen: 9.89 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

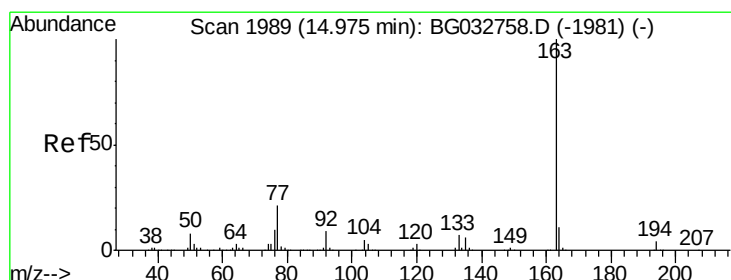
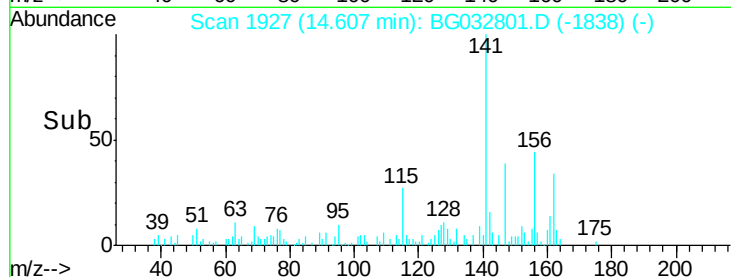
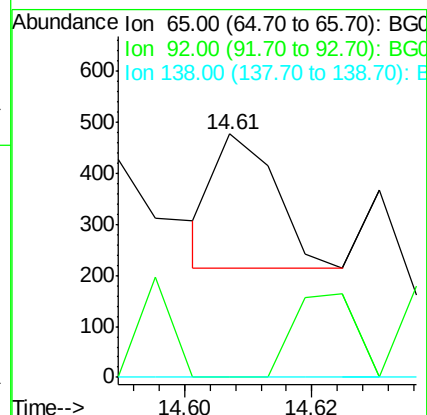
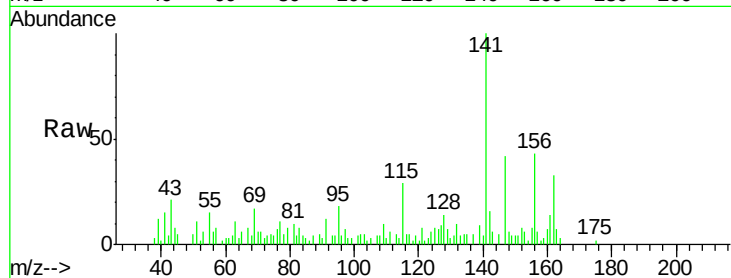
Tot Ion: 65 Resp: 174

Ion Ratio Lower Upper

65 100

92 0.0 54.6 82.0#

138 0.0 72.9 109.3#



#49

Dimethylphthalate

Concen: 2.64 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

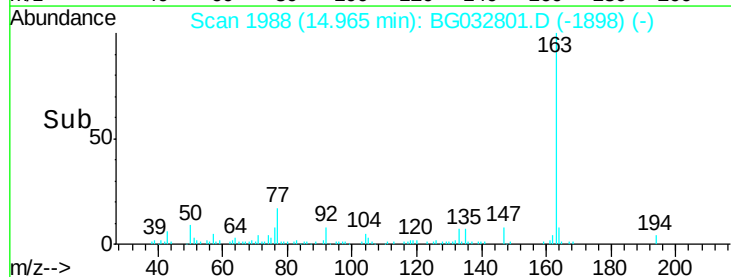
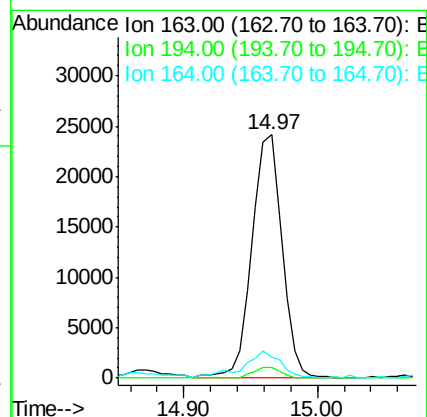
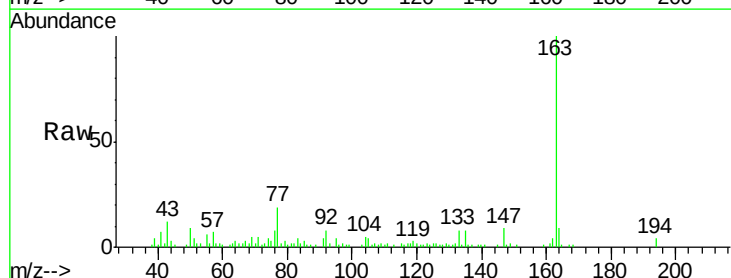
Tgt Ion: 163 Resp: 37584

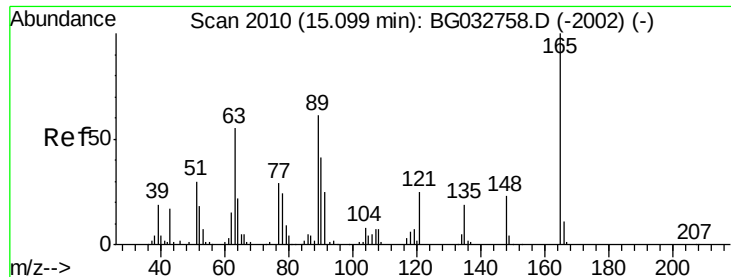
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 8.8 8.2 12.4

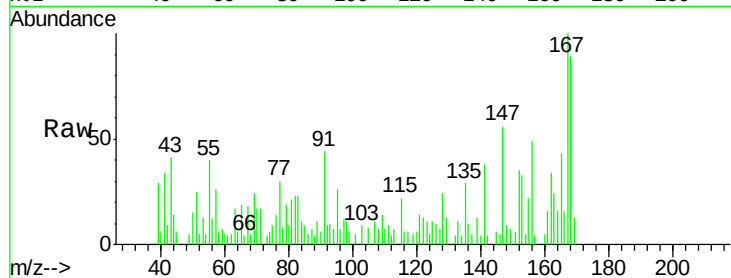




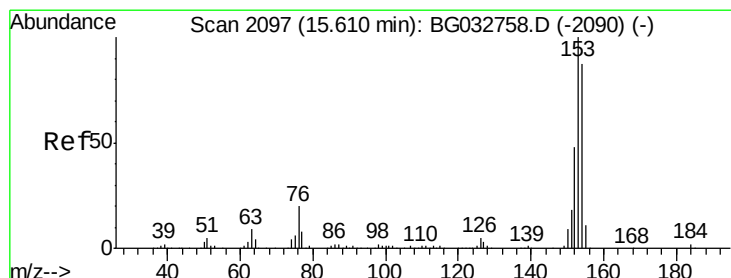
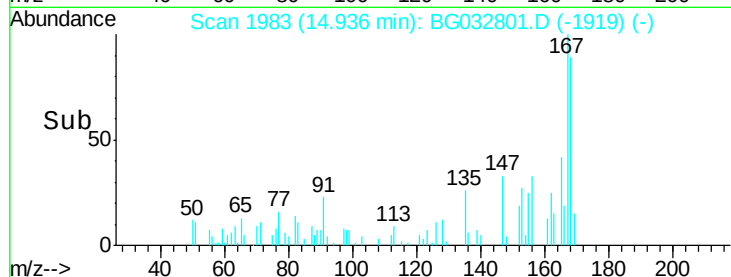
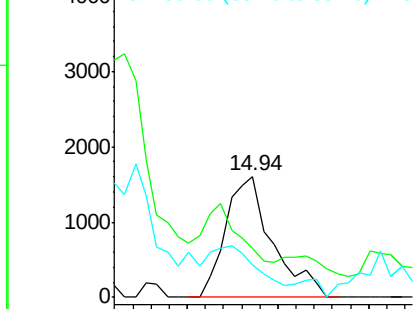
#50
 2,6-Dinitrotoluene
 Concen: 9.89 ng
 RT: 14.94 min Scan# 1983
 Delta R.T. -0.16 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 2875
 Ion Ratio Lower Upper
 165 100
 63 40.5 52.7 79.1#
 89 26.7 49.2 73.8#

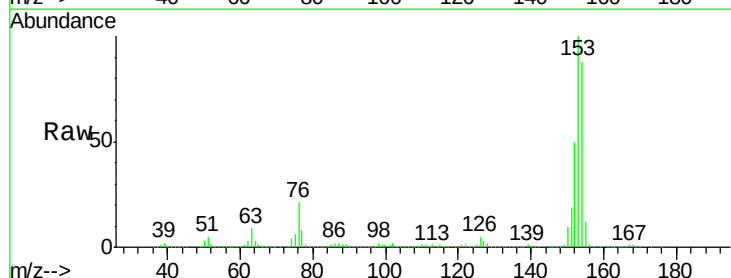


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

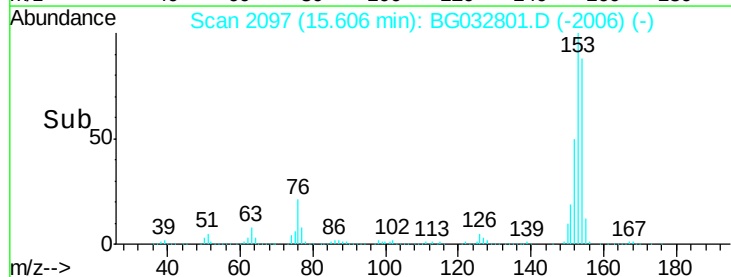
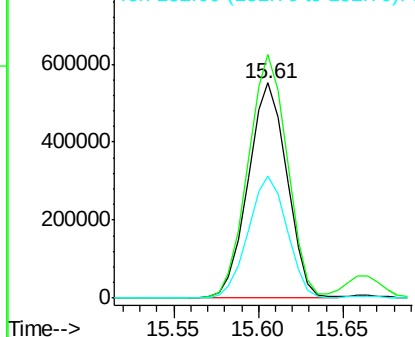


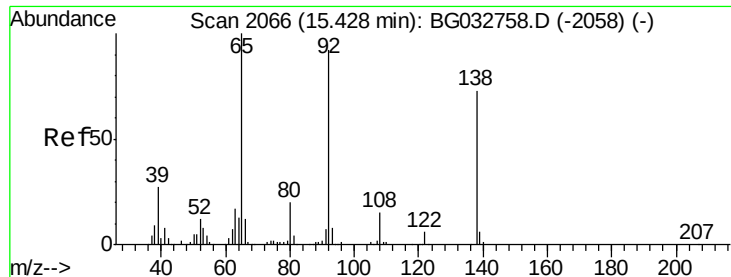
#51
 Acenaphthene
 Concen: 78.98 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

Tgt Ion:154 Resp: 882249
 Ion Ratio Lower Upper
 154 100
 153 113.1 90.4 135.6
 152 56.7 41.6 62.4



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





#52

3-Nitroaniline

Concen: 7.66 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampled :

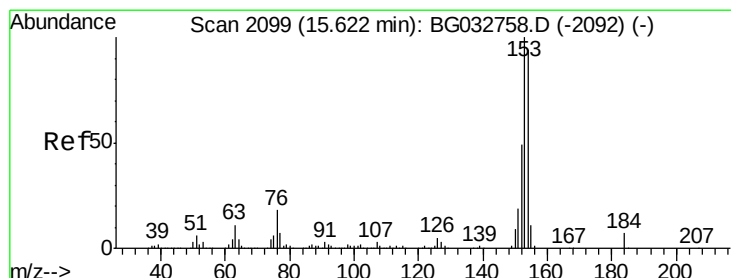
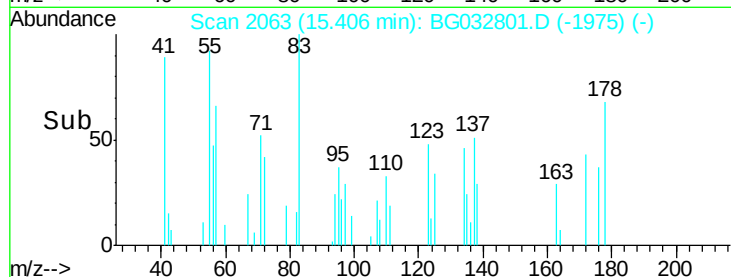
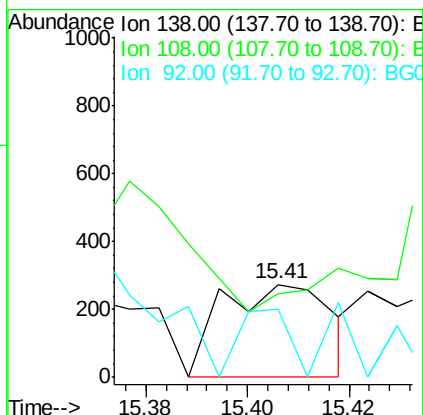
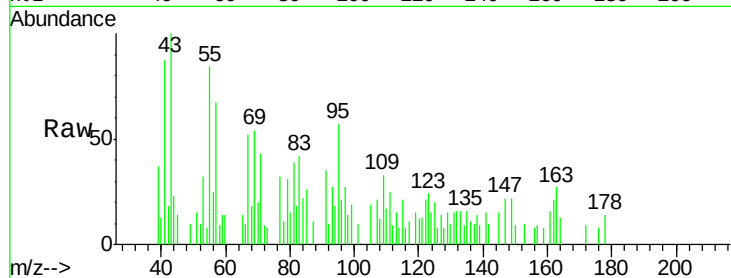
Tot Ion:138 Resp: 412

Ion Ratio Lower Upper

138 100

108 89.8 17.5 26.3#

92 73.0 105.8 158.8#



#53

2,4-Dinitrophenol

Concen: 3.50 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.20 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

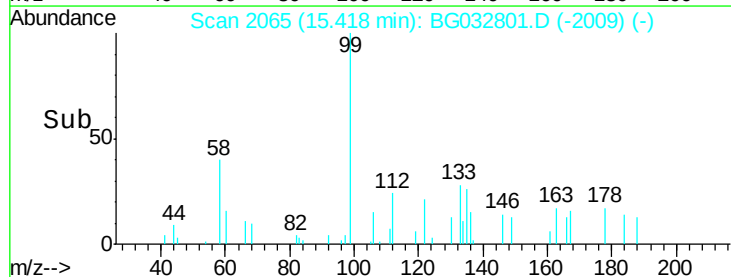
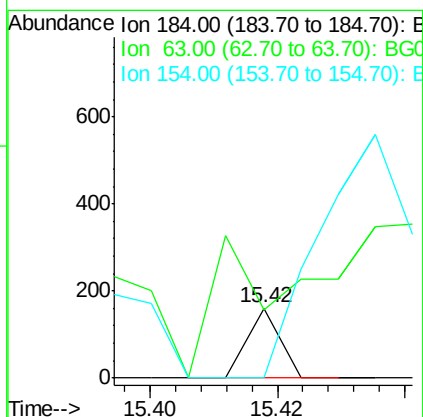
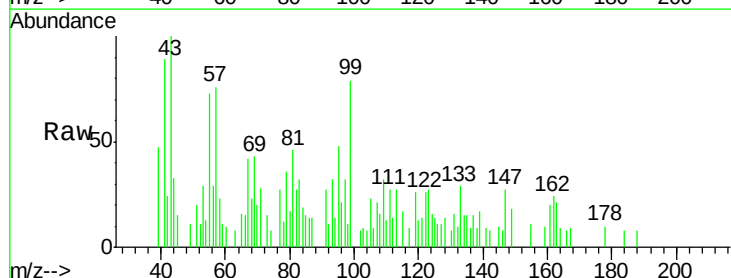
Tgt Ion:184 Resp: 56

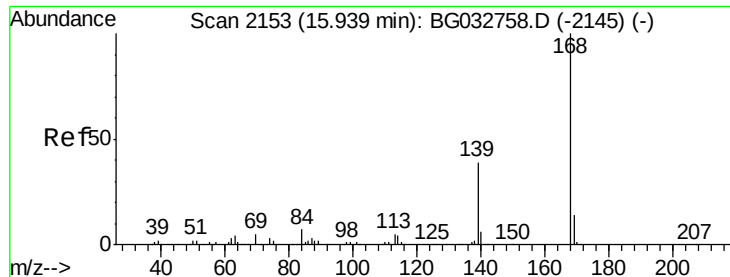
Ion Ratio Lower Upper

184 100

63 98.8 59.8 89.8#

154 0.0 101.8 152.8#





#54

Dibenzofuran

Concen: 39.48 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

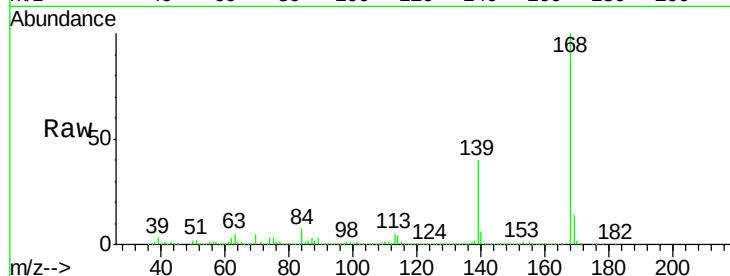
Tot Ion:168 Resp: 627892

Ion Ratio Lower Upper

168 100

139 40.0 28.6 43.0

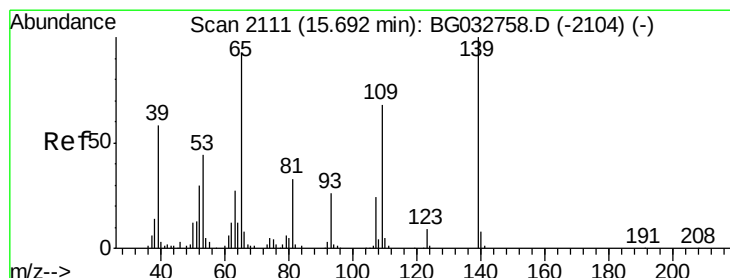
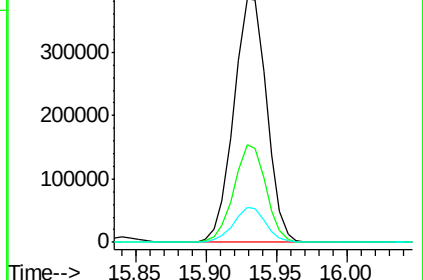
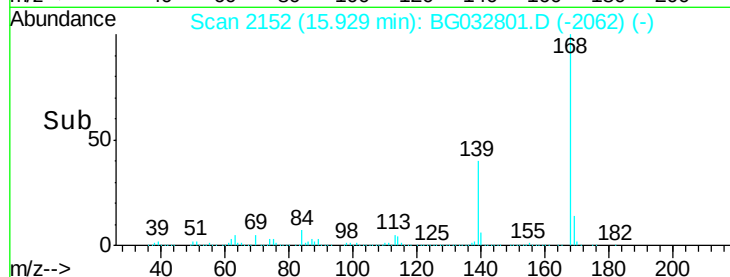
169 14.3 11.2 16.8



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: 10.61 ng

RT: 15.61 min Scan# 2097

Delta R.T. -0.08 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

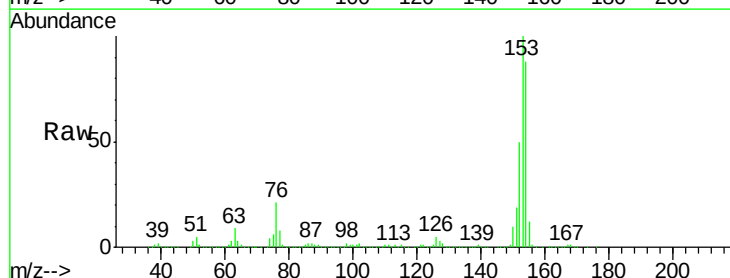
Tgt Ion:139 Resp: 9041

Ion Ratio Lower Upper

139 100

109 31.3 62.2 102.2#

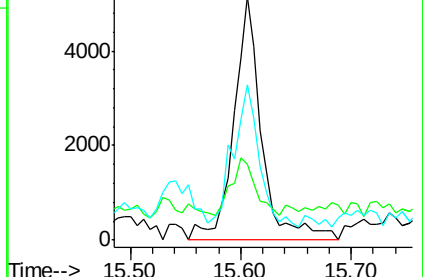
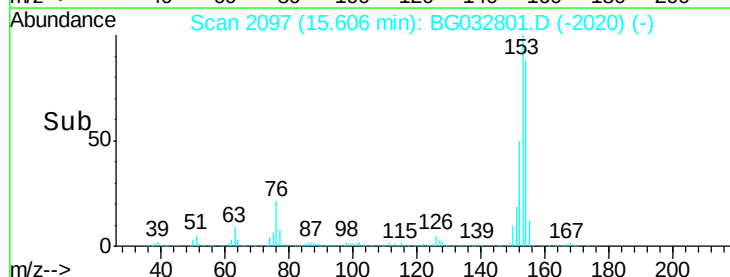
65 63.9 97.2 137.2#

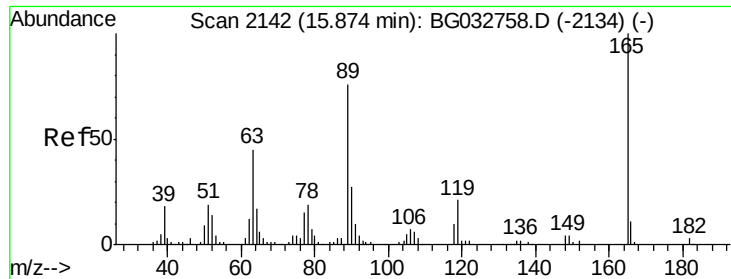


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

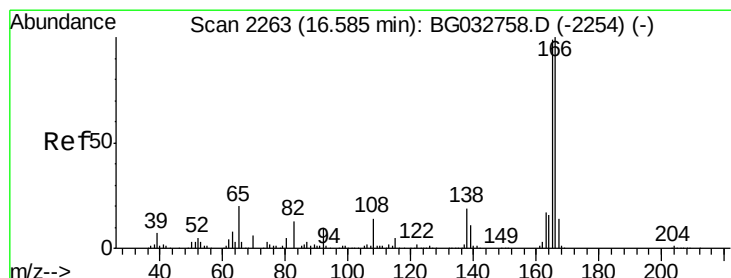
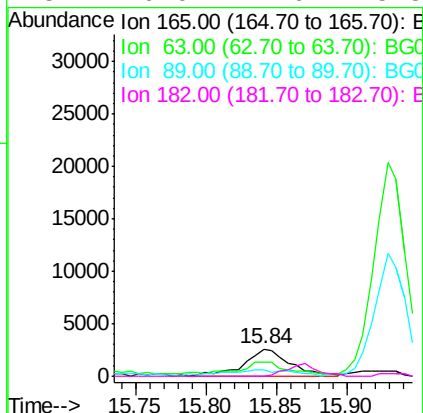
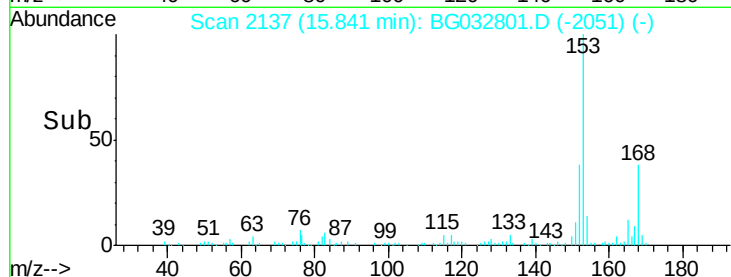
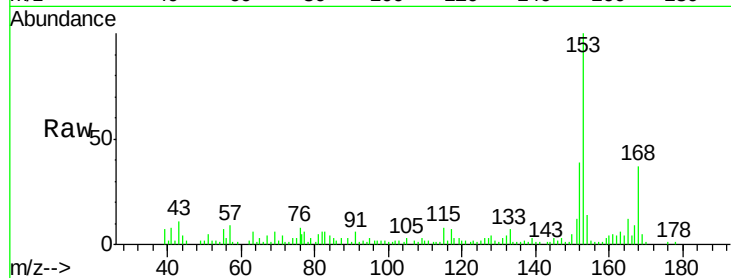




#56
2,4-Dinitrotoluene
Concen: 9.00 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.03 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

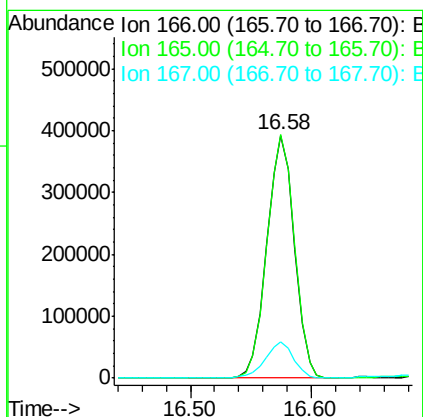
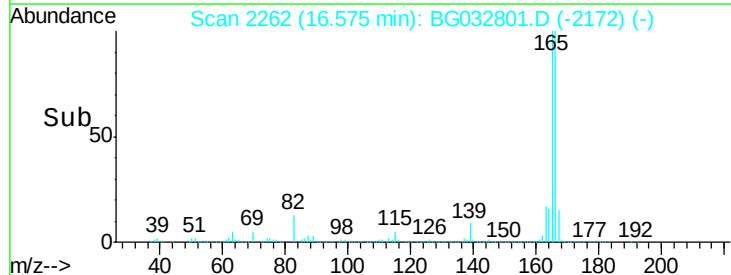
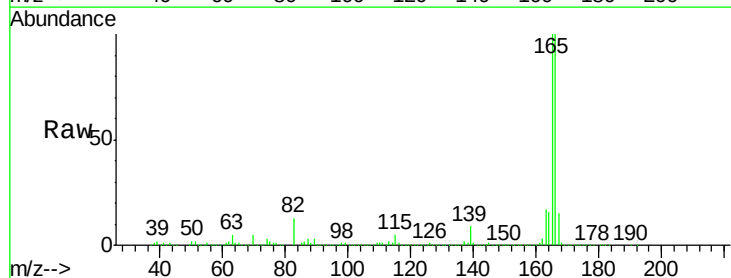
Instrument :
BNA_G
ClientSampleId :

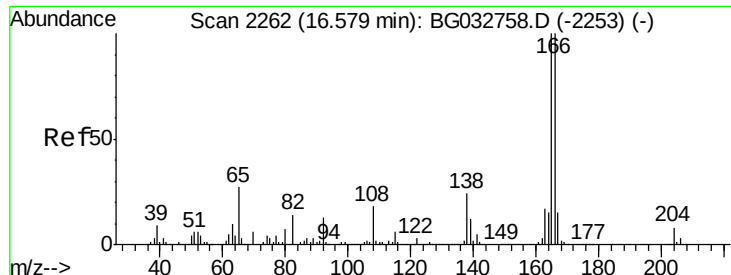
Tot Ion:165 Resp: 5992
Ion Ratio Lower Upper
165 100
63 50.5 42.0 63.0
89 22.8 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 47.10 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Tgt Ion:166 Resp: 618244
Ion Ratio Lower Upper
166 100
165 100.4 80.6 121.0
167 14.9 10.4 15.6

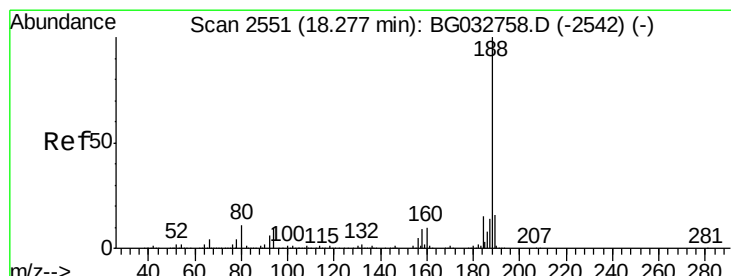
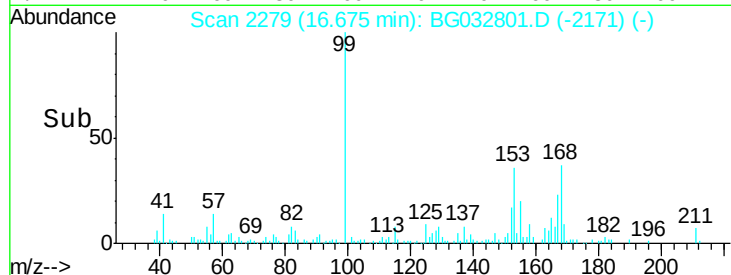
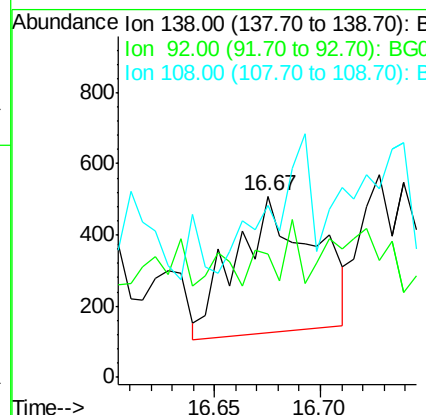
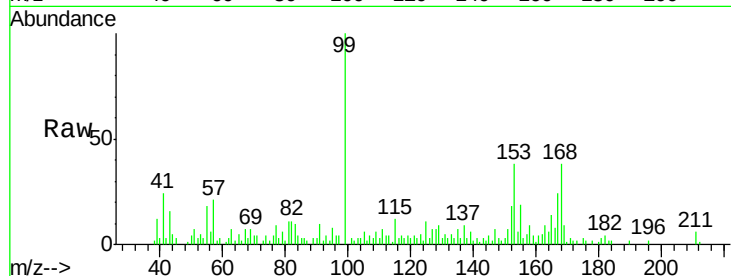




#61
4-Nitroaniline
Concen: 5.58 ng
RT: 16.67 min Scan# 2279
Delta R.T. 0.10 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

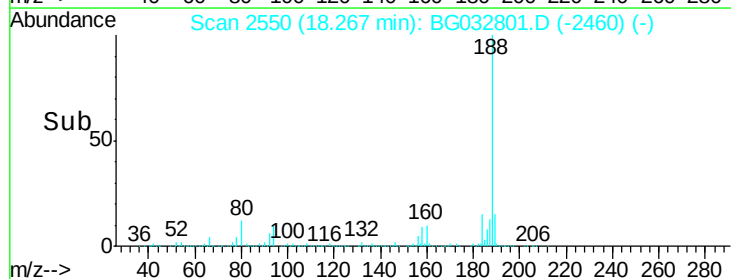
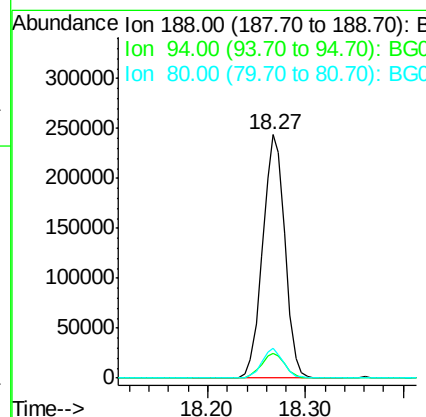
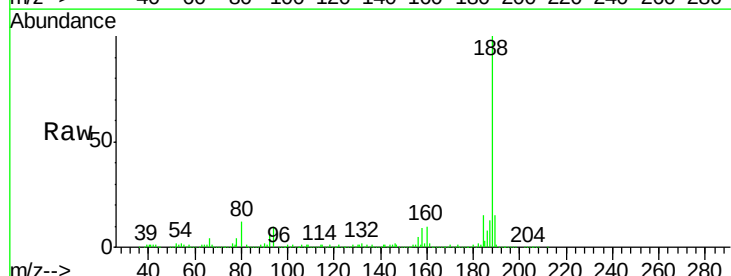
Instrument :
BNA_G
ClientSampled :

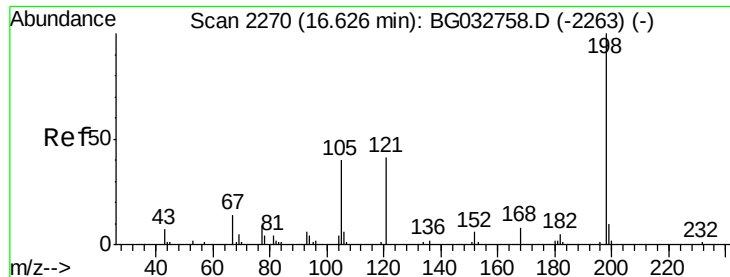
Tot Ion:138 Resp: 973
Ion Ratio Lower Upper
138 100
92 68.0 40.1 80.1
108 95.1 65.4 105.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032801.D
Acq: 23 Feb 2018 22:04

Tgt Ion:188 Resp: 389385
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 12.0 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.60 ng

RT: 16.69 min Scan# 2282

Delta R.T. 0.07 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

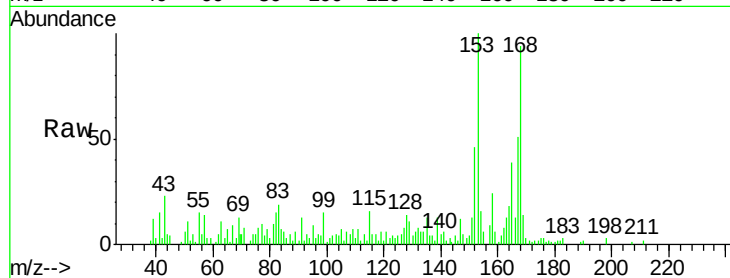
Tot Ion:198 Resp: 595

Ion Ratio Lower Upper

198 100

51 327.3 30.6 70.6#

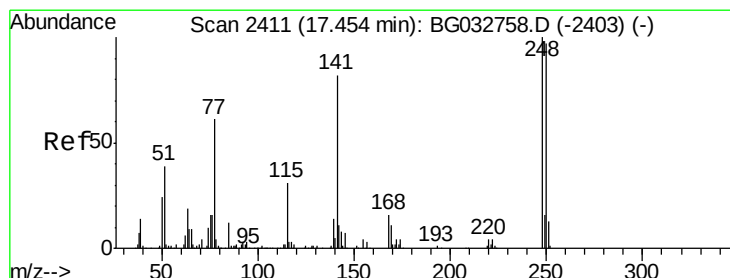
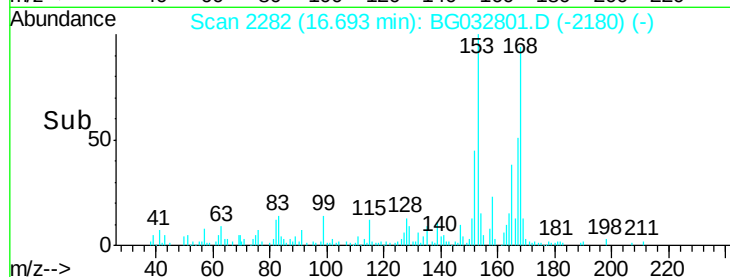
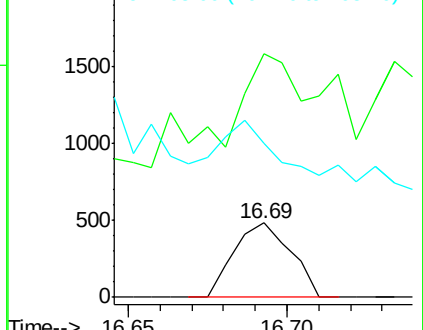
105 207.0 23.8 63.8#



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

4-Bromophenyl-phenylether

Concen: 4.83 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.43 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

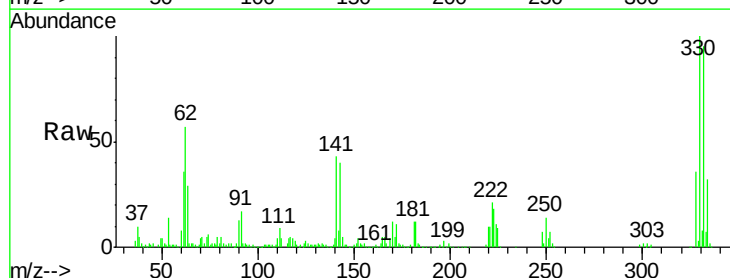
Tgt Ion:248 Resp: 19887

Ion Ratio Lower Upper

248 100

250 190.1 77.1 115.7#

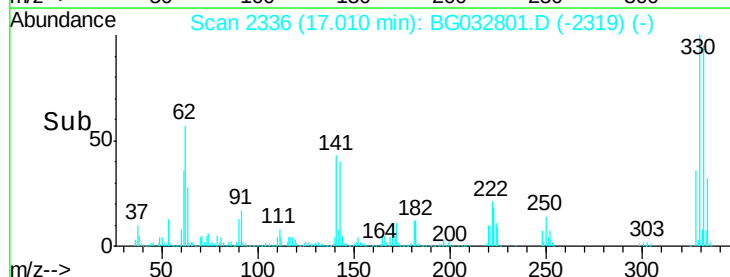
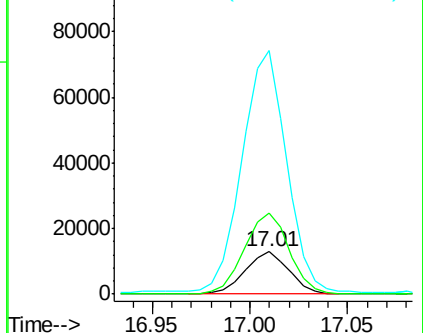
141 574.5 50.8 76.2#

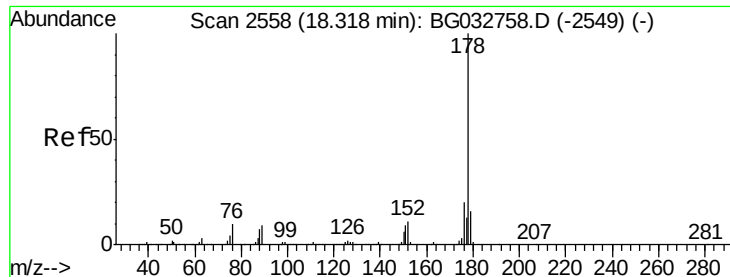


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 8.90 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

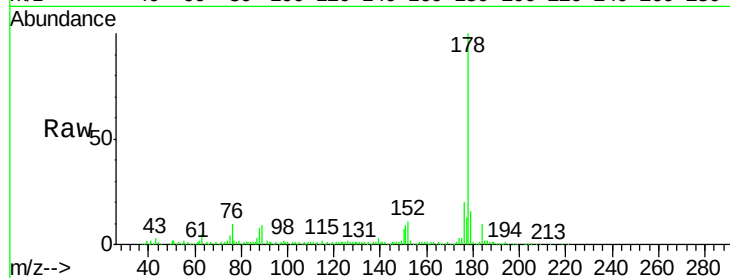
Tot Ion:178 Resp: 193444

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

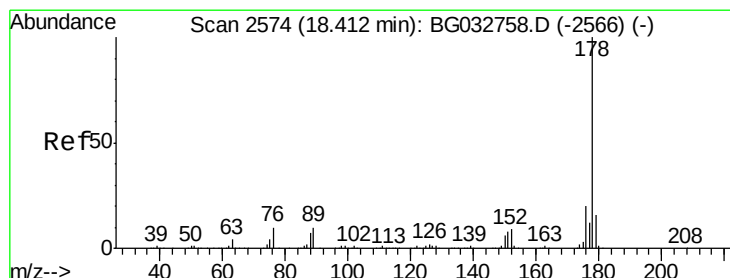
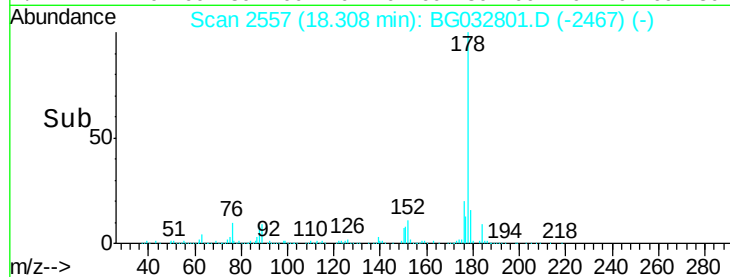
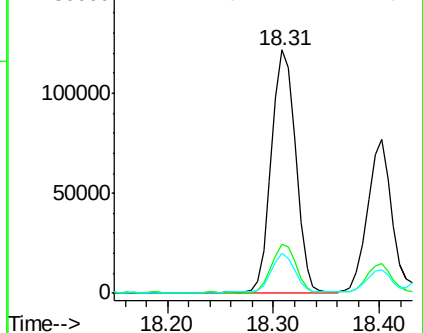
179 16.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.50 ng

RT: 18.40 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

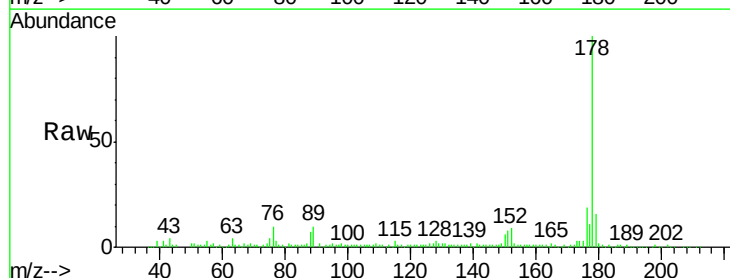
Tgt Ion:178 Resp: 119997

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

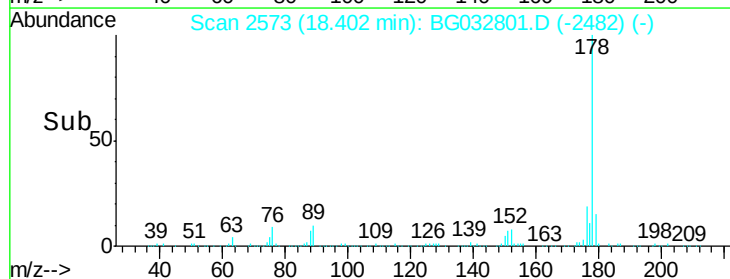
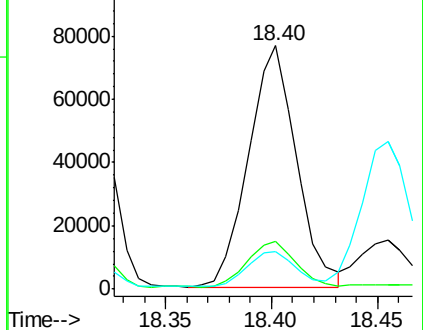
179 15.5 12.5 18.7

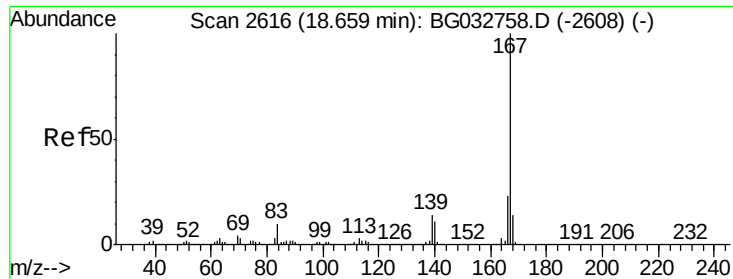


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 9.82 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

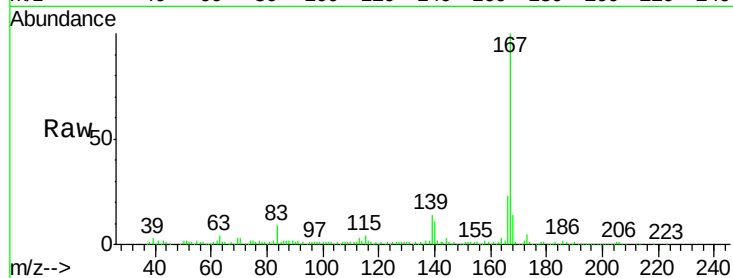
Tot Ion:167 Resp: 210993

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.4

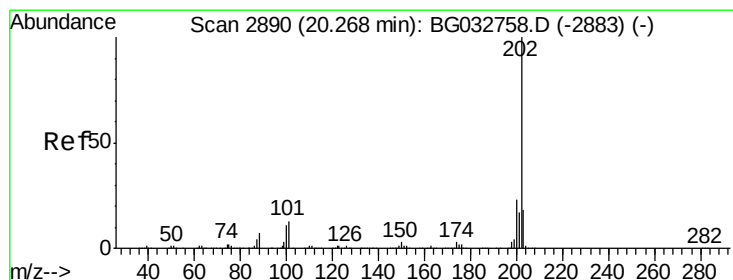
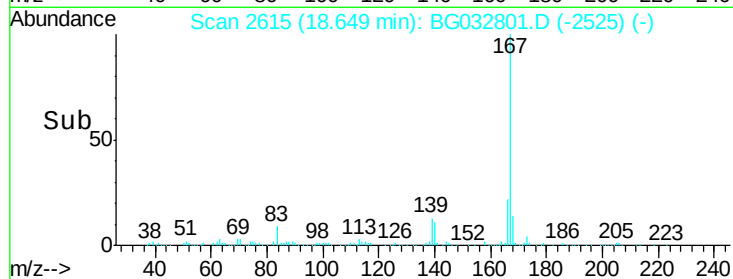
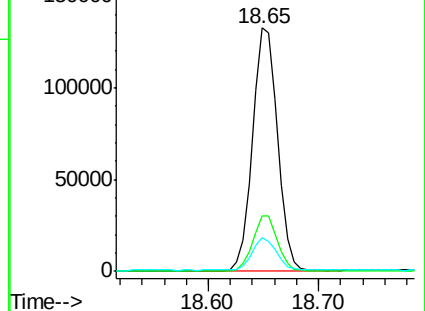
139 14.1 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 7.10 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

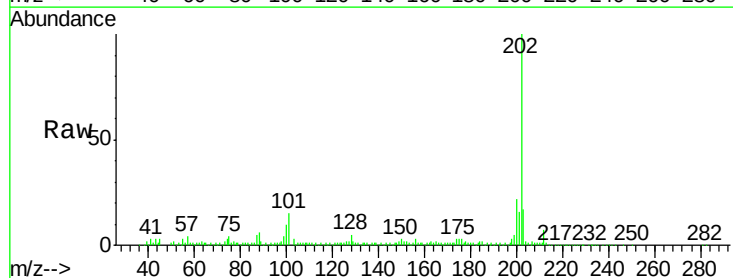
Tgt Ion:202 Resp: 170291

Ion Ratio Lower Upper

202 100

101 14.6 0.0 28.9

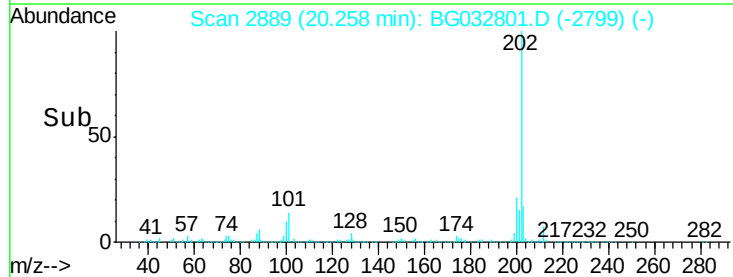
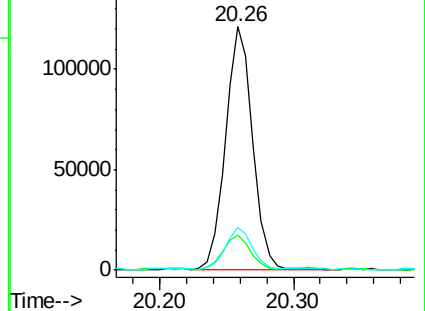
203 17.5 0.0 37.5

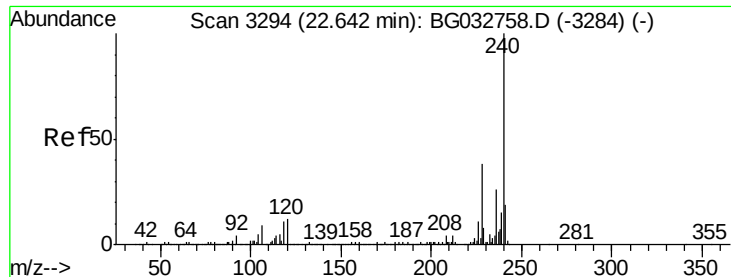


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

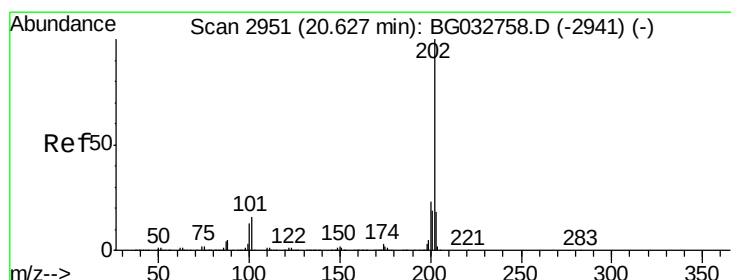
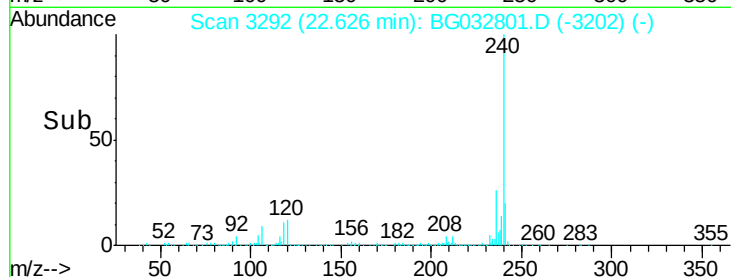
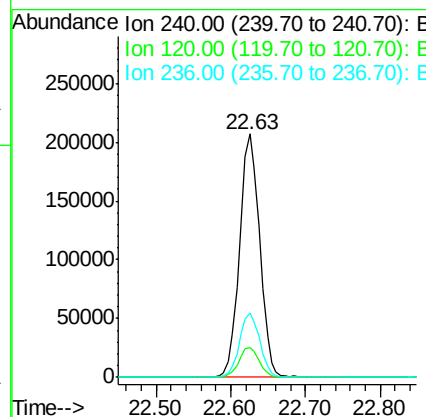
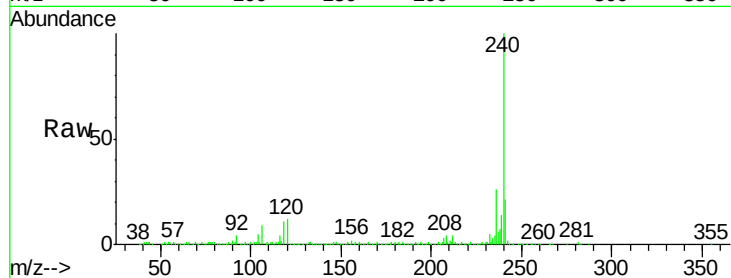




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

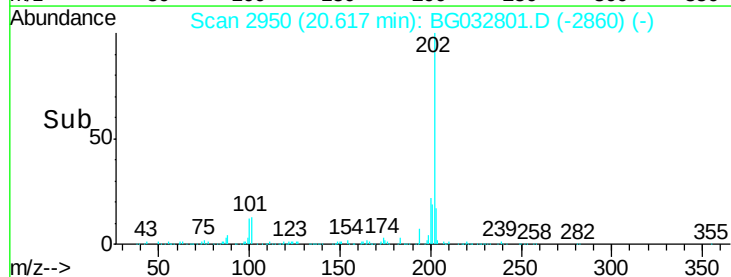
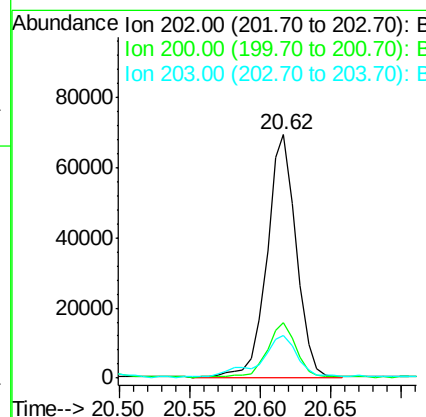
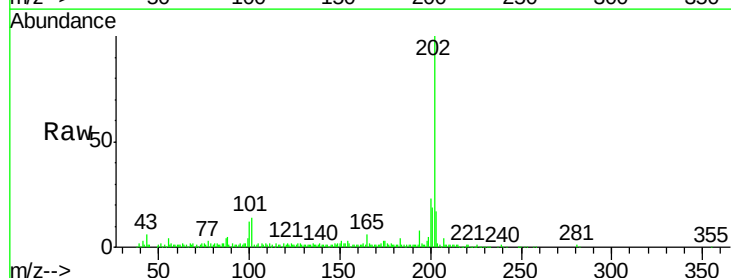
Instrument :
 BNA_G
 ClientSampled :

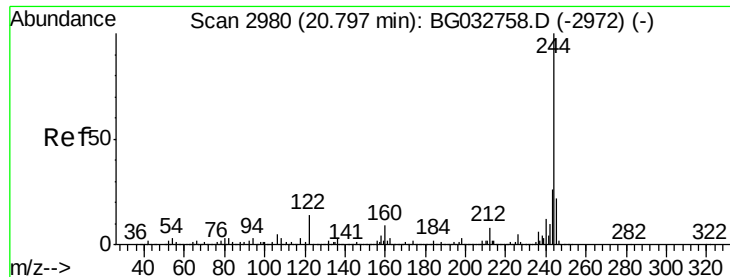
Tot Ion:240 Resp: 388041
 Ion Ratio Lower Upper
 240 100
 120 12.1 6.8 10.2#
 236 26.5 20.9 31.3



#77
 Pyrene
 Concen: 3.66 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: BG032801.D
 Acq: 23 Feb 2018 22:04

Tgt Ion:202 Resp: 100262
 Ion Ratio Lower Upper
 202 100
 200 22.7 16.9 25.3
 203 17.3 13.9 20.9





#78

Terphenyl-d14

Concen: 82.14 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

Instrument :

BNA_G

ClientSampleId :

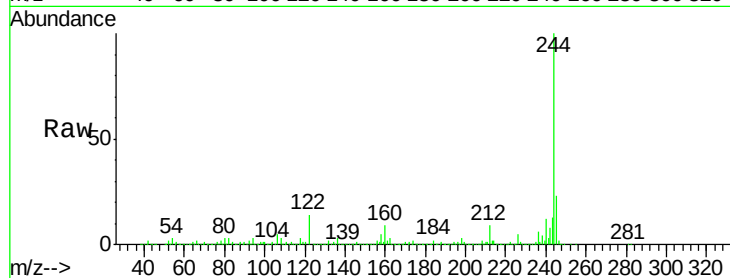
Tot Ion:244 Resp: 1418589

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

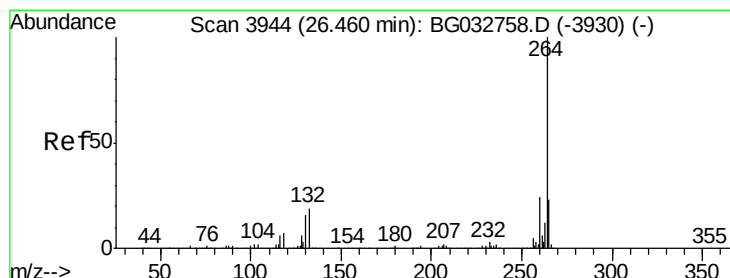
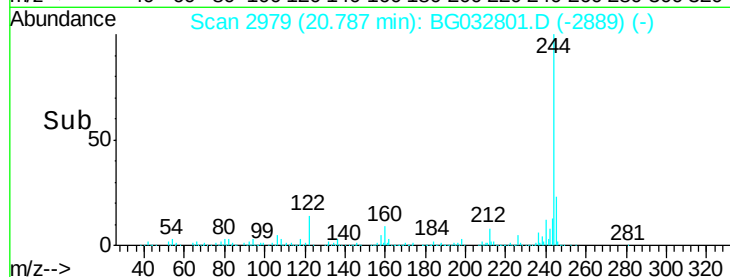
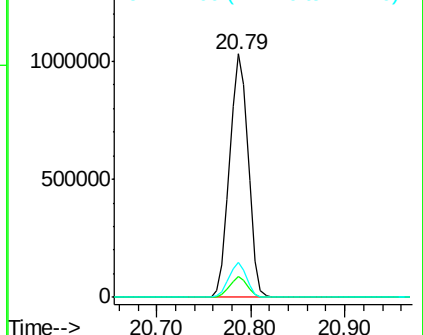
122 14.2 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.01 min

Lab File: BG032801.D

Acq: 23 Feb 2018 22:04

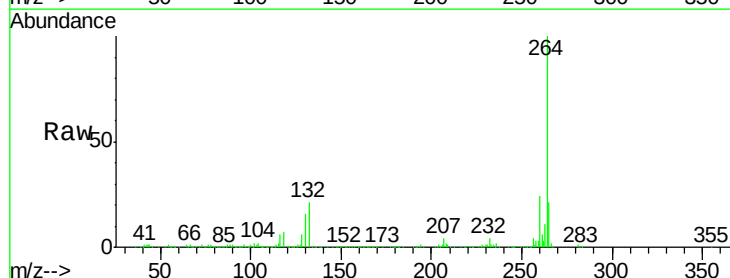
Tgt Ion:264 Resp: 415510

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.2 17.7 26.5



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

