

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033679.D
 Acq On : 9 Apr 2018 14:08
 Operator : SJ/JU
 Sample : J2227-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 05:55:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.86
21) Naphthalene-d8	11.58	136	62	20.00	ng	-0.16
38) Acenaphthene-d10	14.90	164	4942	20.00	ng	-0.58
63) Phenanthrene-d10	17.43	188	58	20.00	ng	-0.78
75) Chrysene-d12	21.50	240	60	20.00	ng	-1.06
86) Perylene-d12	25.06	264	76	20.00	ng	-1.26
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	320895	0.00	ng	0.00
7) Phenol-d6	7.97	99	464786	0.00	ng	0.00
23) Nitrobenzene-d5	10.06	82	294813	218466.26	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	19.34	244	148	52.75	ng	-1.39
Target Compounds						
					Qvalue	
22) Acetophenone	9.52	105	66	38.856	ng	# 50
24) Nitrobenzene	9.96	77	55	38.078	ng	# 42
25) Isophorone	10.06	82	294813	112562.155	ng	# 69
28) bis(2-Chloroethoxy)methane	10.66	93	58	44.383	ng	# 51
31) Naphthalene	11.68	128	57	17.741	ng	# 68
33) 4-Chloroaniline	11.77	127	111	77.114	ng	# 41
34) Hexachlorobutadiene	11.40	225	55	57.298	ng	# 20
36) 4-Chloro-3-methylphenol	12.71	107	58	45.518	ng	# 22
37) 2-Methylnaphthalene	13.56	142	63	25.263	ng	# 17
47) 2-Nitroaniline	14.10	65	1181	10.770	ng	# 25
50) 2,6-Dinitrotoluene	14.89	165	320	3.639	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.74	198	79	227.684	ng	# 29
65) n-Nitrosodiphenylamine	15.90	169	64	38.652	ng	# 23
66) 4-Bromophenyl-phenylether	16.95	248	16128	23677.347	ng	# 1
68) Atrazine	16.84	200	56	83.461	ng	# 35
70) Phenanthrene	17.86	178	53	17.546	ng	# 1
71) Anthracene	17.86	178	53	17.329	ng	# 1
72) Carbazole	17.92	167	85	31.363	ng	# 59
73) Di-n-butylphthalate	18.25	149	53	16.801	ng	# 1
74) Fluoranthene	19.52	202	61	16.319	ng	# 65
76) Benzidine	19.32	184	56	34.417	ng	# 66
77) Pyrene	19.54	202	55	13.744	ng	# 57
79) Butylbenzylphthalate	20.39	149	149	100.901	ng	# 20
80) Benzo(a)anthracene	21.50	228	84	21.986	ng	# 50
81) 3,3'-Dichlorobenzidine	21.23	252	60	44.133	ng	# 26
82) Chrysene	21.50	228	84	22.713	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.30	149	254	124.777	ng	# 50
84) Di-n-octyl phthalate	22.61	149	154	49.410	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.48	276	53	13.255	ng	# 53
87) Benzo(b)fluoranthene	23.90	252	55	12.526	ng	# 59
88) Benzo(k)fluoranthene	23.97	252	56	12.610	ng	# 60
89) Benzo(a)pyrene	24.88	252	73	17.312	ng	# 59
91) Benzo(a,h,i)perylene	30.56	276	53	13.475	ng	# 56

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Misc :
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Response via : Initial Calibration

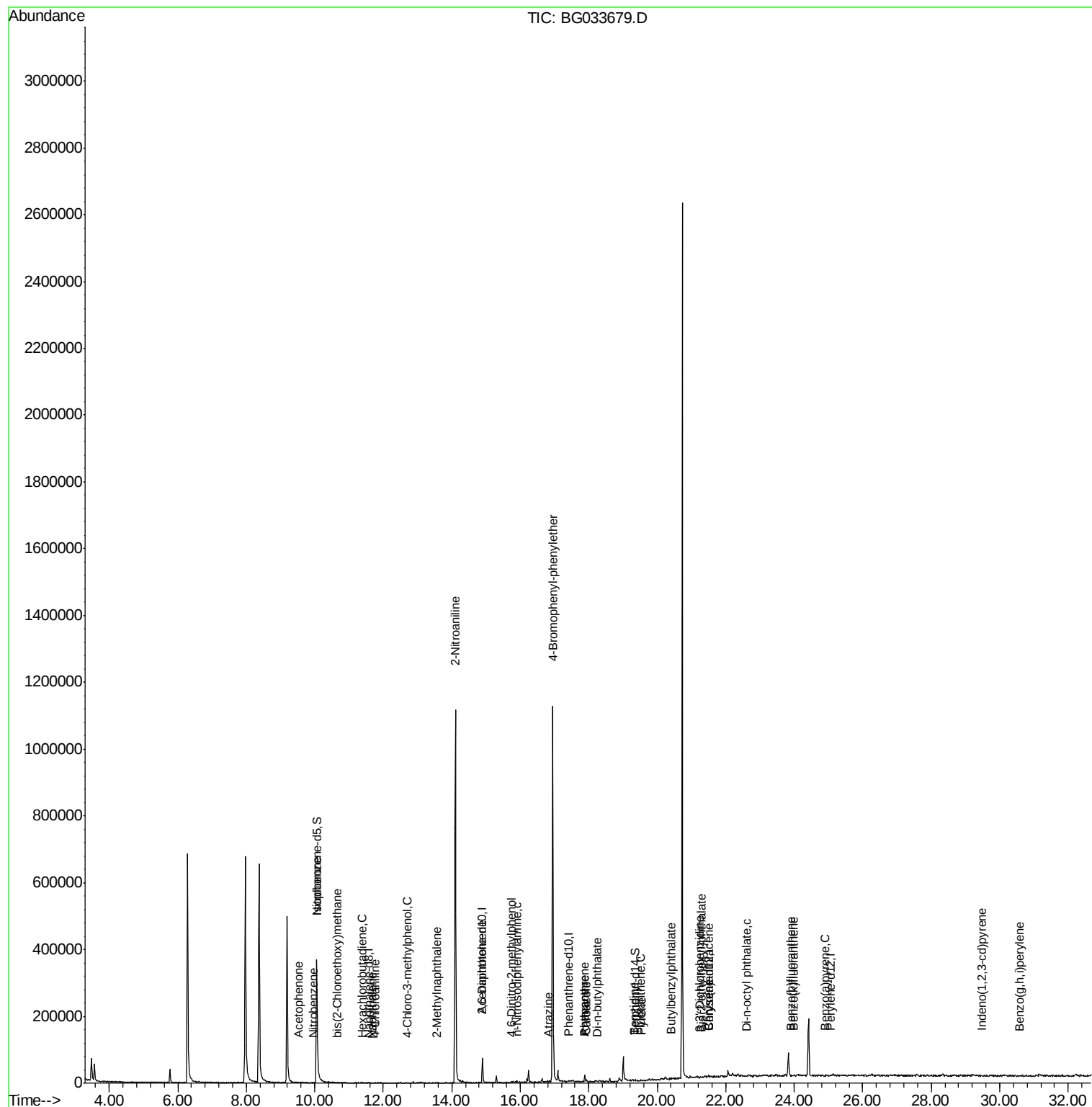
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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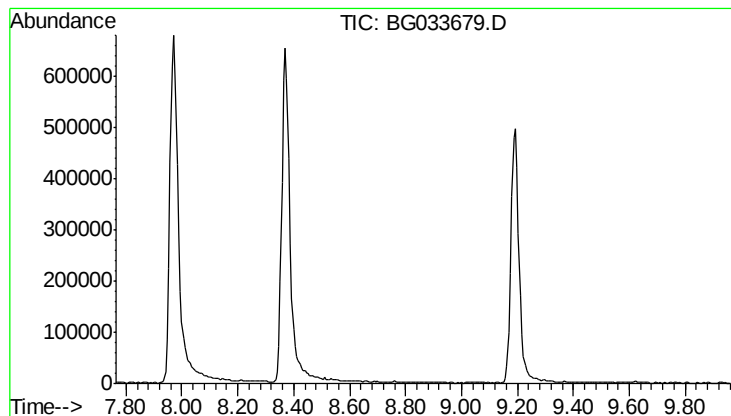
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.86 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

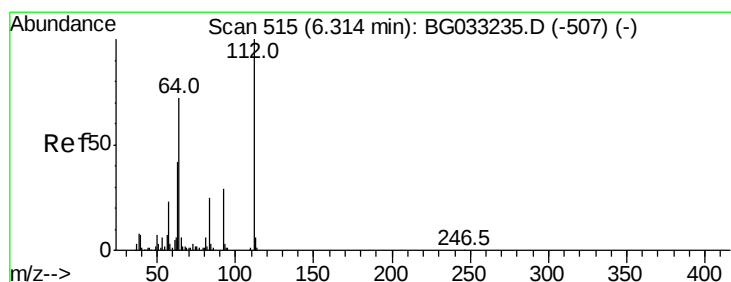
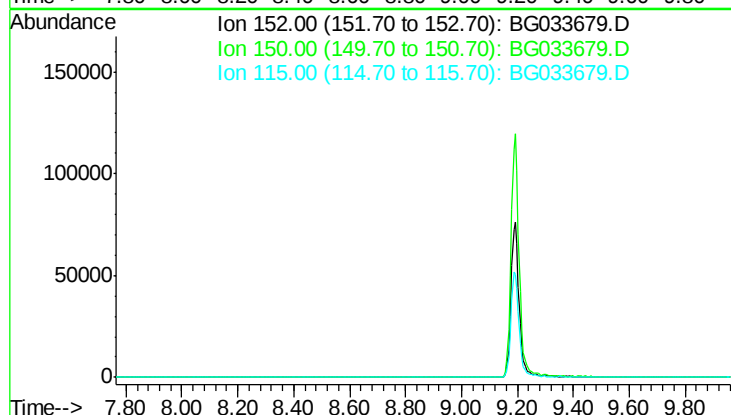
Tot Ion: 152

Sig Exp Ratio

152 100

150 158.2

115 66.2



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

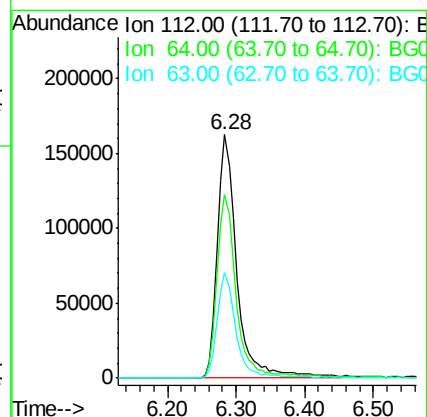
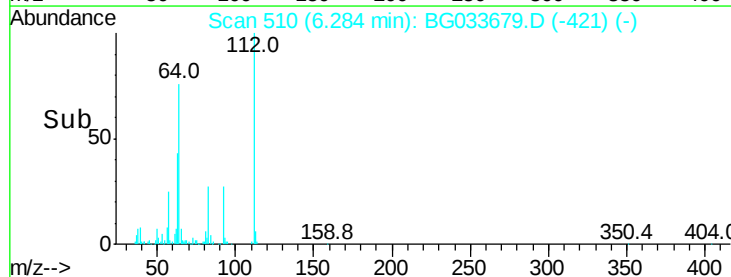
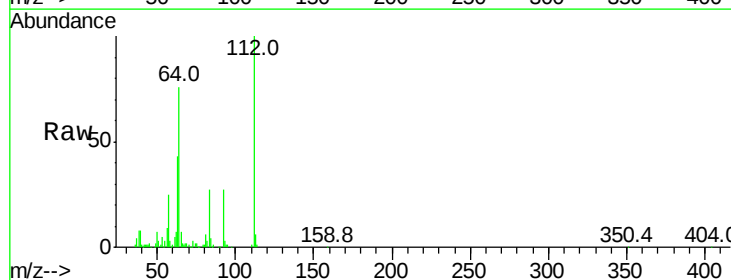
Tgt Ion:112 Resp: 320895

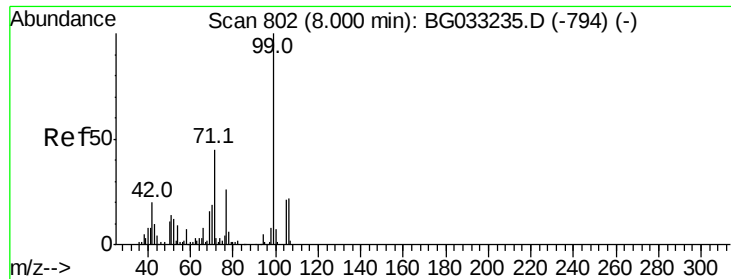
Ion Ratio Lower Upper

112 100

64 75.6 56.3 84.5

63 43.3 30.1 45.1





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

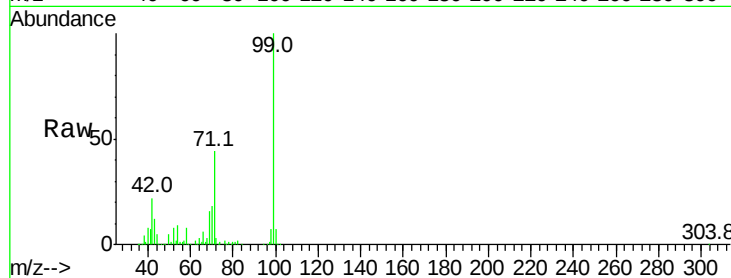
Tot Ion: 99 Resp: 464786

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

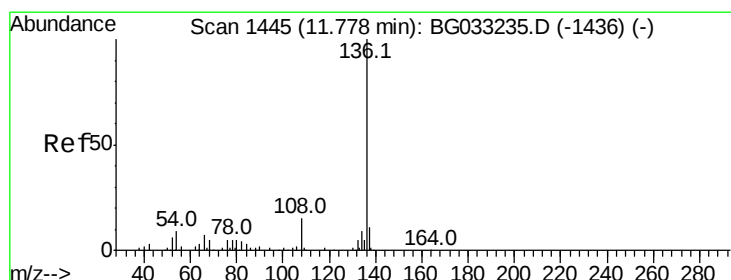
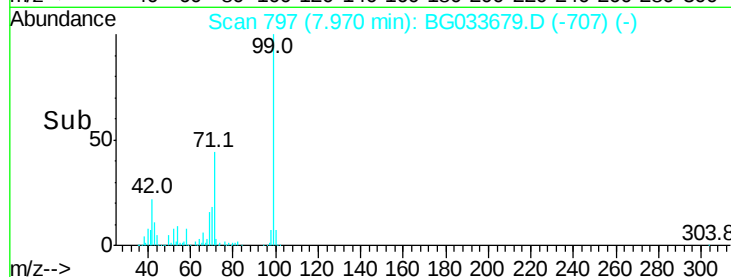
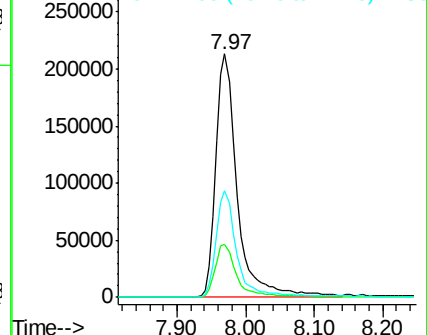
71 43.9 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.16 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Tgt Ion: 136 Resp: 62

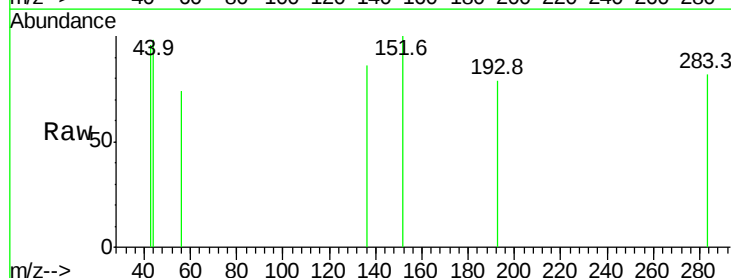
Ion Ratio Lower Upper

136 100

137 0.0 9.2 13.8#

54 0.0 10.3 15.5#

68 0.0 4.5 6.7#

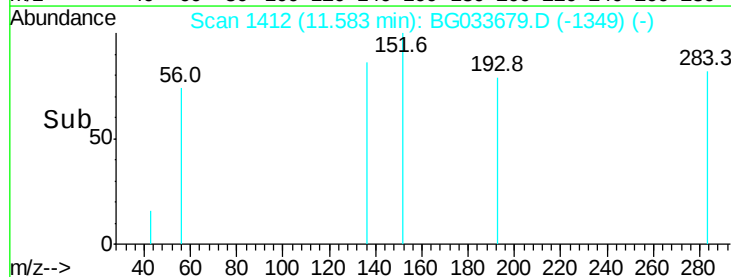
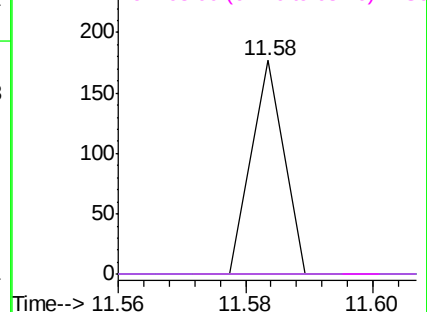


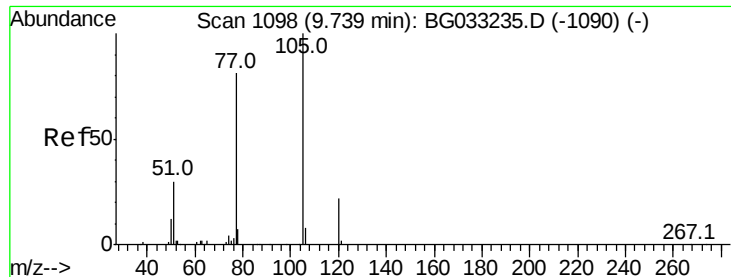
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 38.856 ng

RT: 9.52 min Scan# 1060

Delta R.T. -0.19 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 66

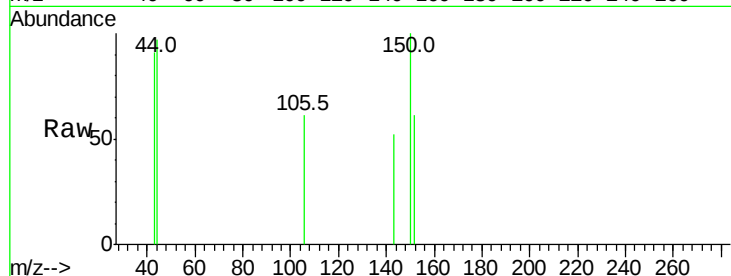
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

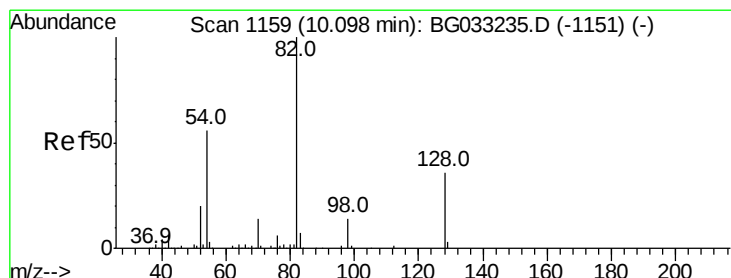
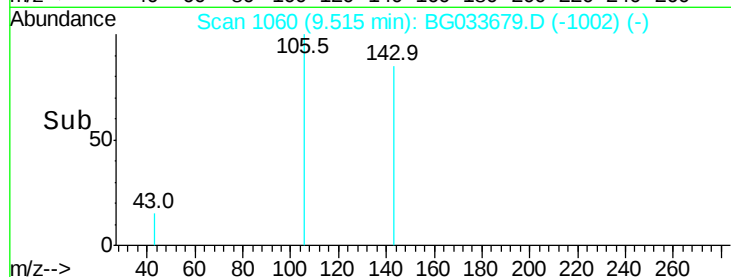
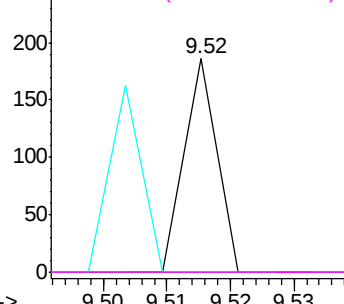


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 218466.262 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

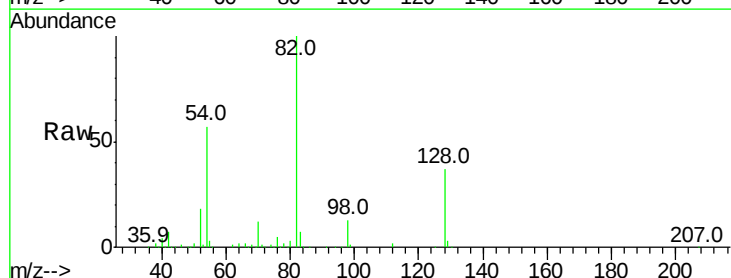
Tgt Ion: 82 Resp: 294813

Ion Ratio Lower Upper

82 100

128 36.9 29.7 44.5

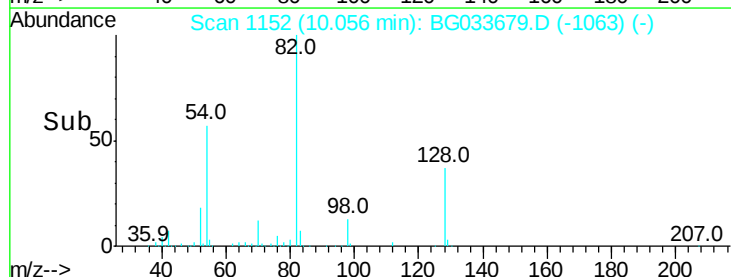
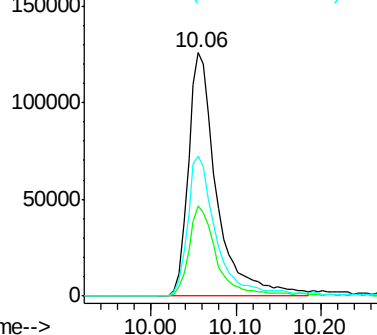
54 57.5 43.1 64.7

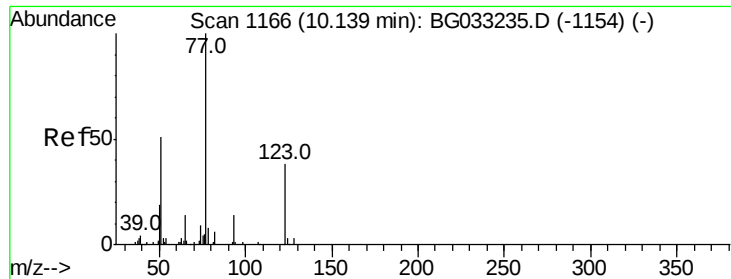


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

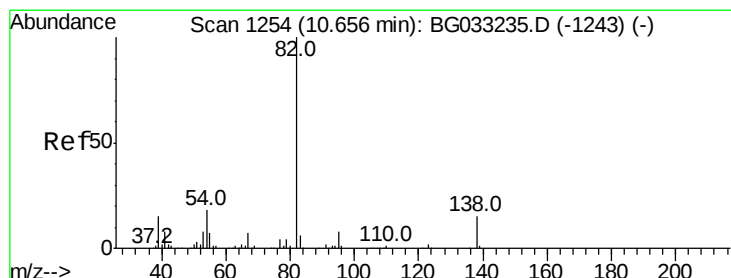
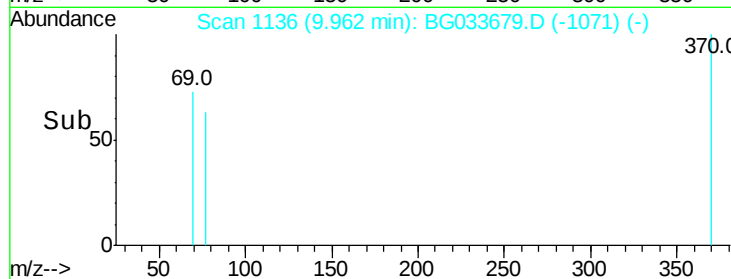
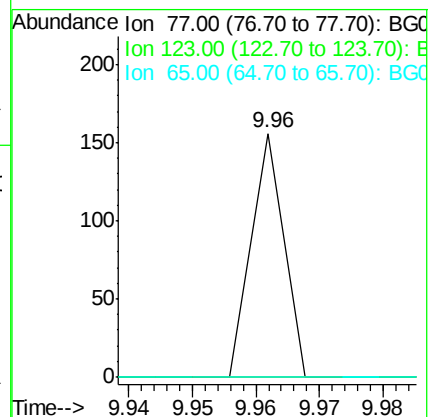
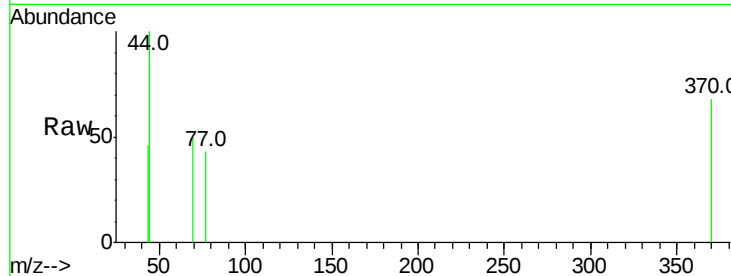




#24
 Nitrobenzene
 Concen: 38.078 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.15 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

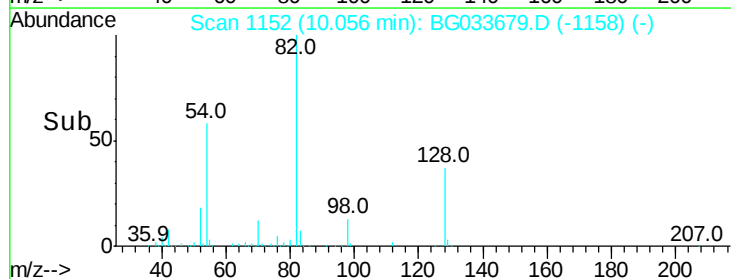
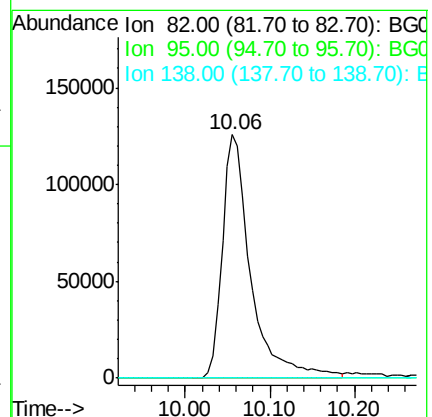
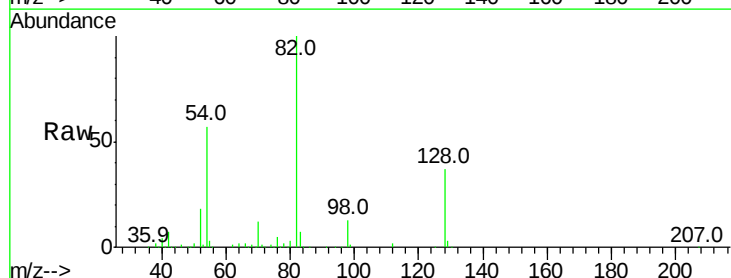
Instrument :
 BNA_G
 ClientSampleId :

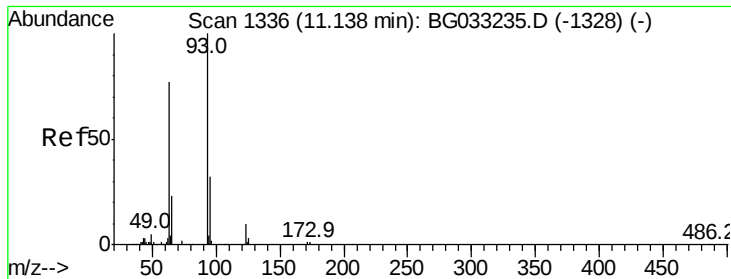
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
 Isophorone
 Concen: 112562.155 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.56 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

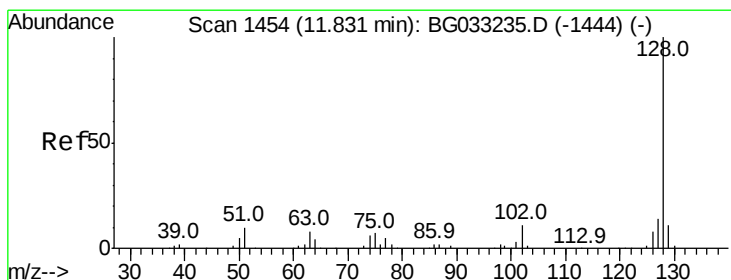
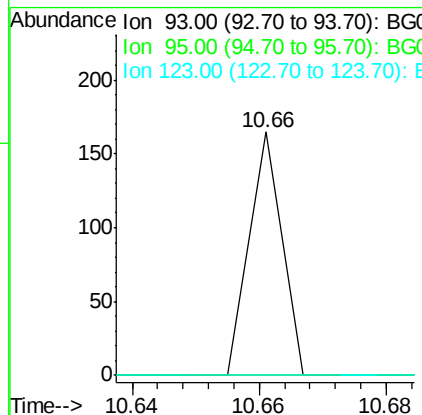
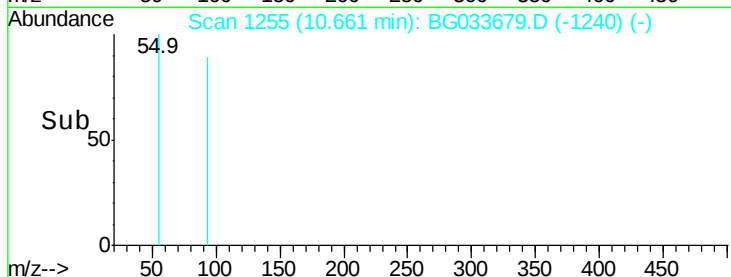
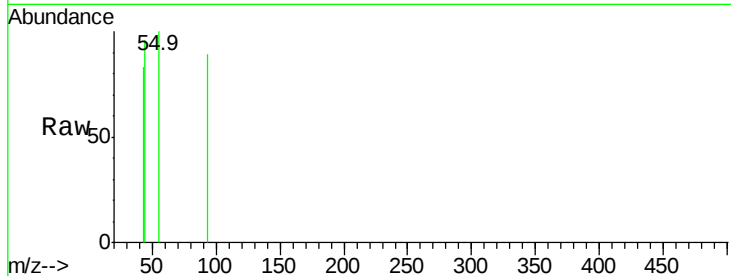




#28
bis(2-Chloroethoxy)methane
Concen: 44.383 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.44 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

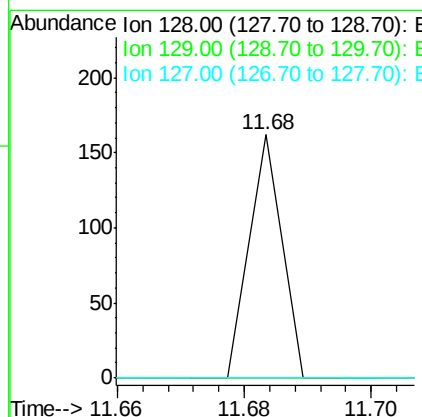
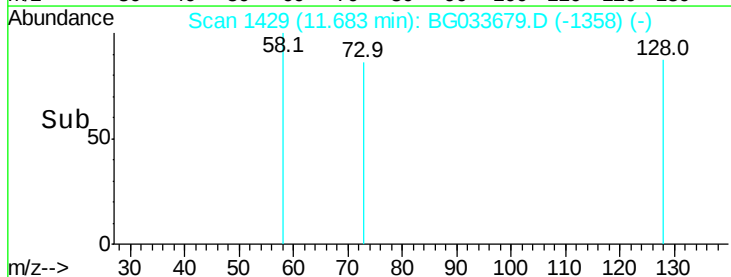
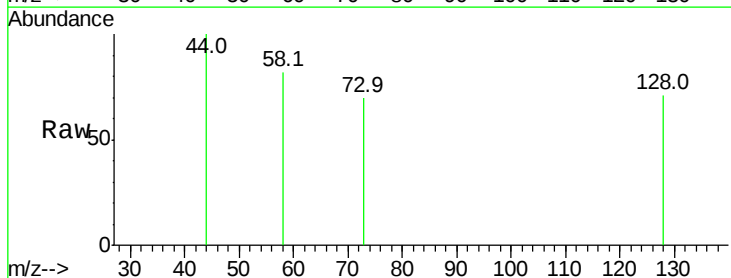
Instrument :
BNA_G
ClientSampleId :

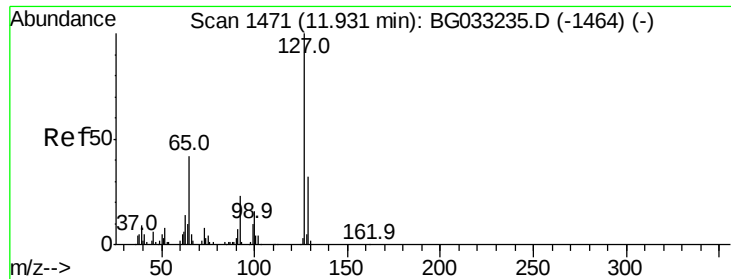
Tot Ion: 93 Resp: 58
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 8.4 12.6#



#31
Naphthalene
Concen: 17.741 ng
RT: 11.68 min Scan# 1429
Delta R.T. -0.11 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Tgt Ion: 128 Resp: 57
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#

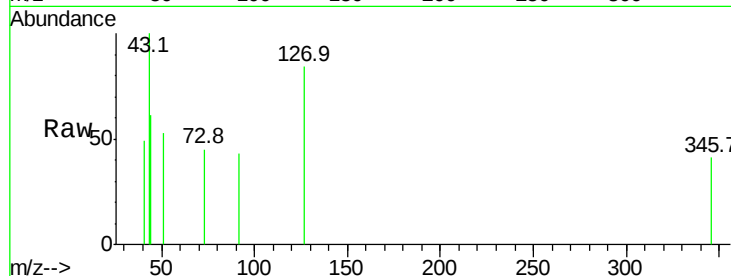




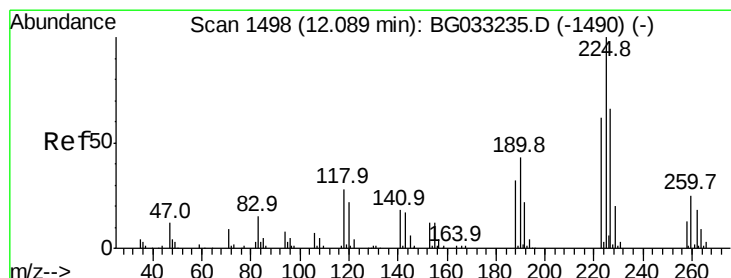
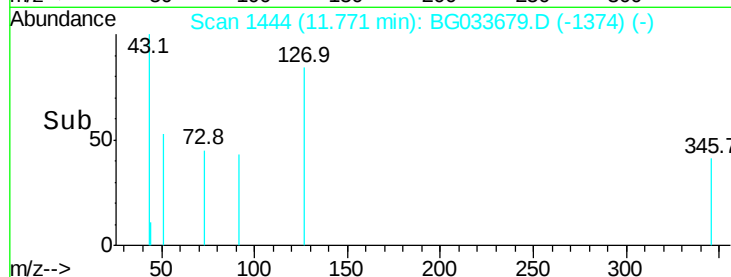
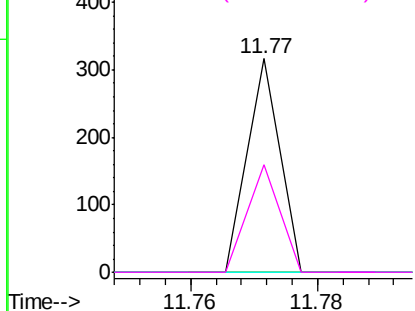
#33
4-Chloroaniline
Concen: 77.114 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.12 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	111
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	50.6	16.6	25.0#

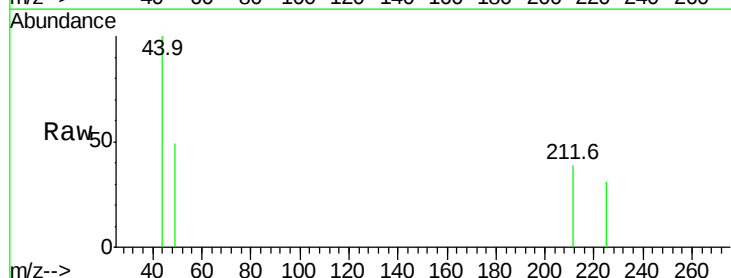


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

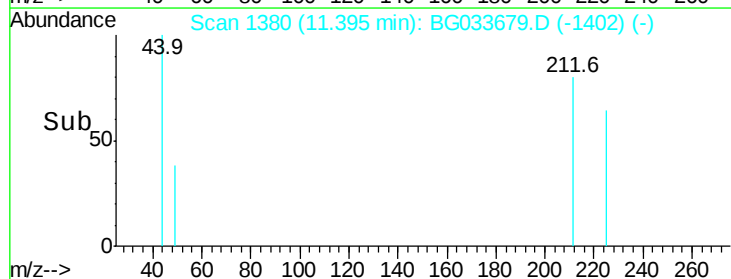
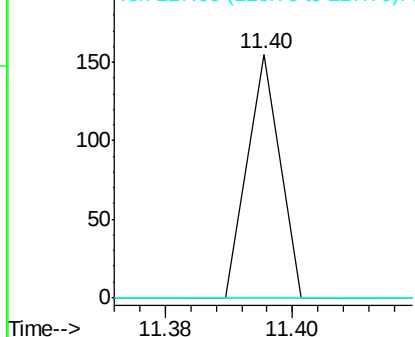


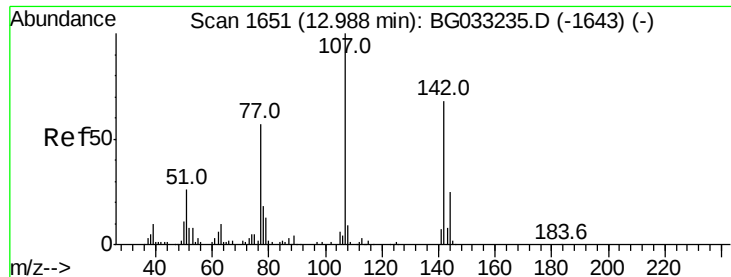
#34
Hexachlorobutadiene
Concen: 57.298 ng
RT: 11.40 min Scan# 1380
Delta R.T. -0.66 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Tgt Ion:	225	Resp:	55
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.7	74.5#
227	0.0	48.1	72.1#



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

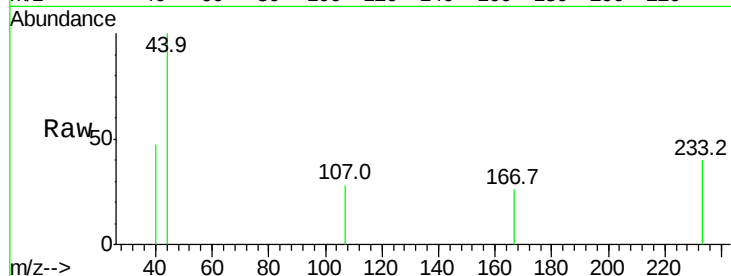




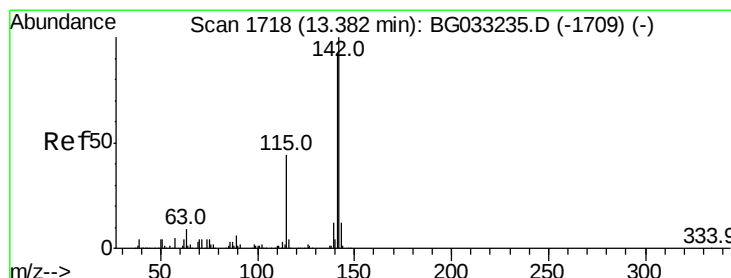
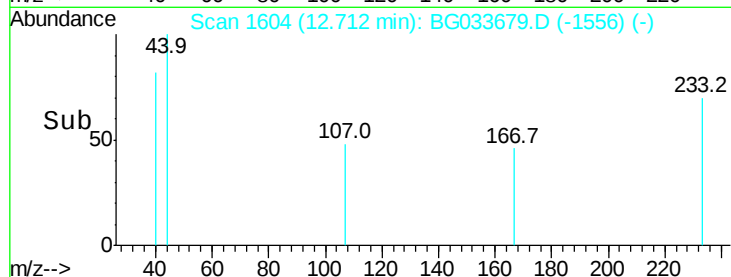
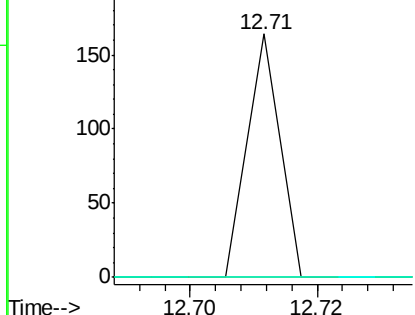
#36
4-Chloro-3-methylphenol
Concen: 45.518 ng
RT: 12.71 min Scan# 1604
Delta R.T. -0.25 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 58
Ion Ratio Lower Upper
107 100
144 0.0 18.2 27.4#
142 0.0 59.0 88.4#

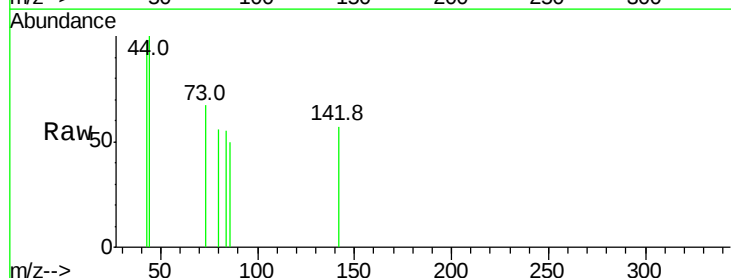


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

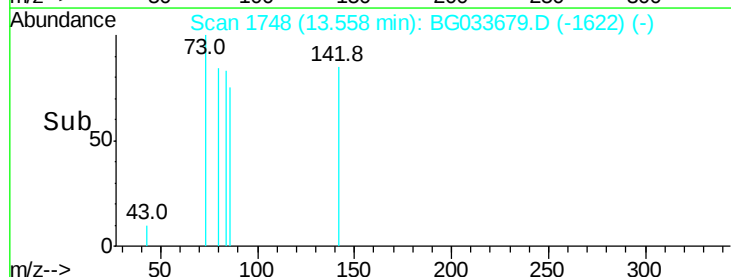
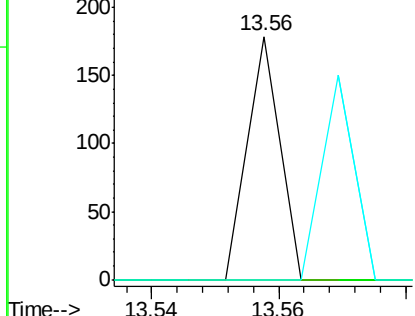


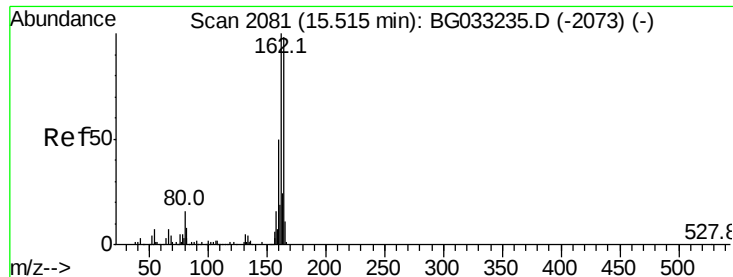
#37
2-Methylnaphthalene
Concen: 25.263 ng
RT: 13.56 min Scan# 1748
Delta R.T. 0.21 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
141 0.0 67.1 100.7#
115 0.0 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: 20.000 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.58 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

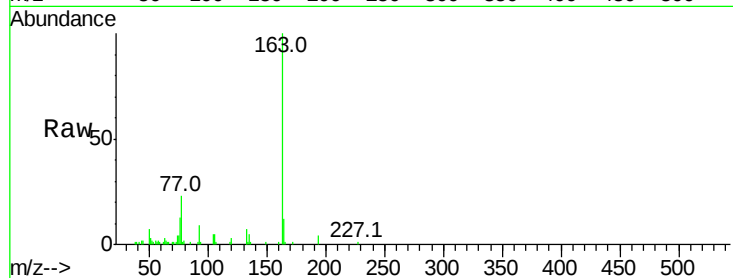
Tot Ion:164 Resp: 4942

Ion Ratio Lower Upper

164 100

162 0.0 78.8 118.2#

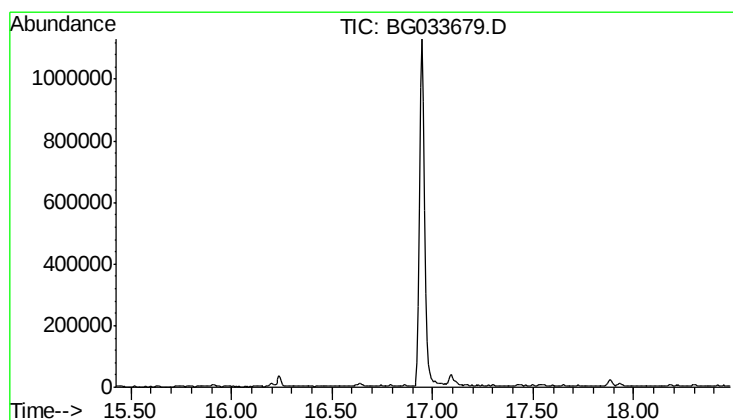
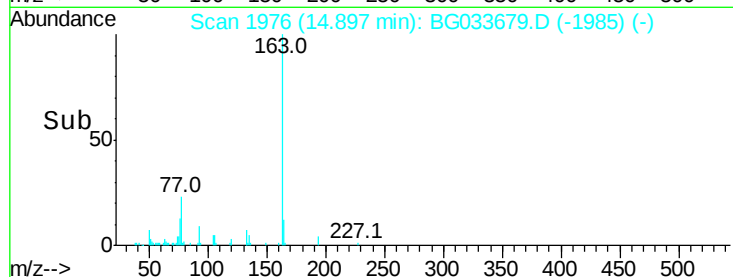
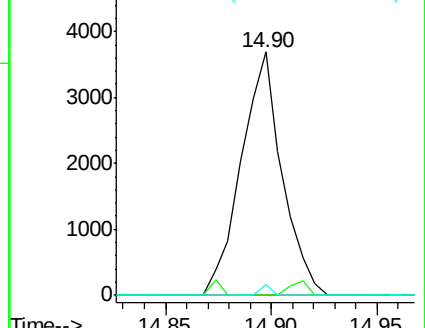
160 4.1 35.4 53.0#



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: 0.000 ng

Expected RT: 16.95 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

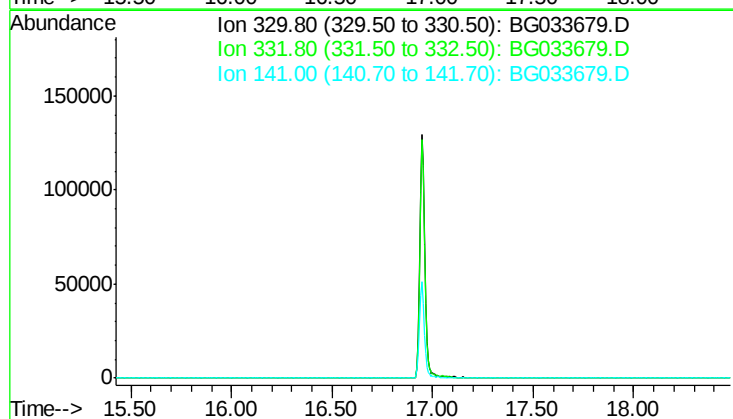
Tgt Ion: 330

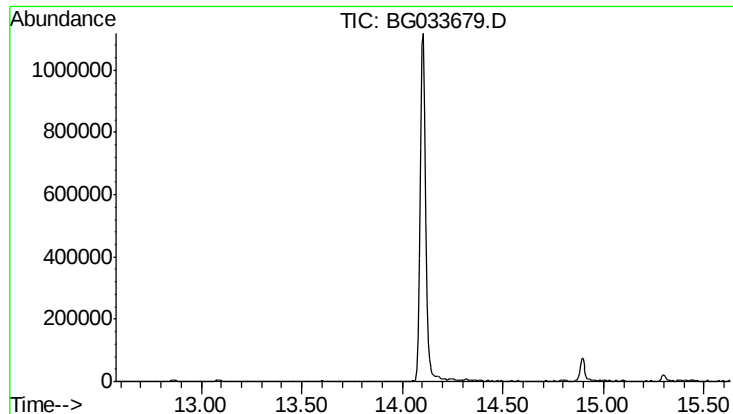
Sig Exp Ratio

330 100

332 96.3

141 31.5

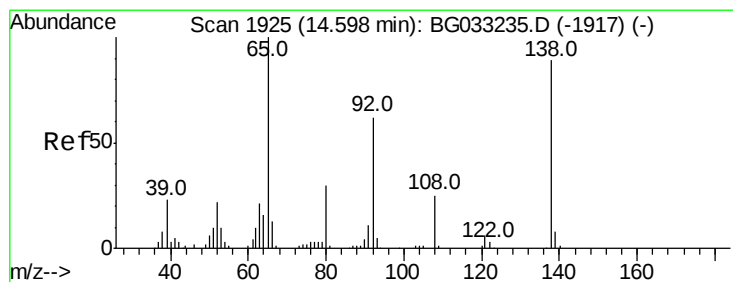
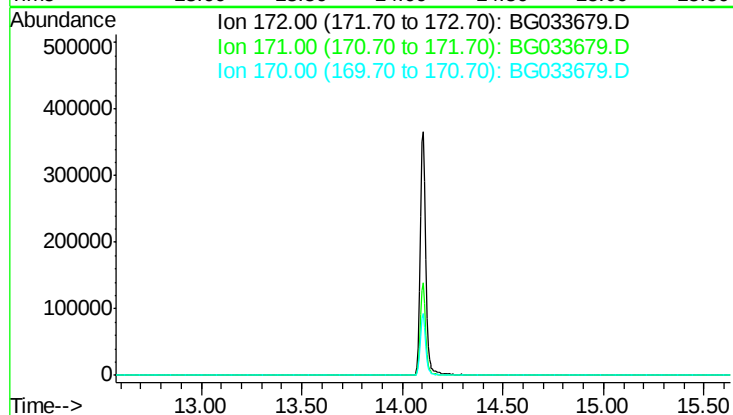




#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 14.10 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

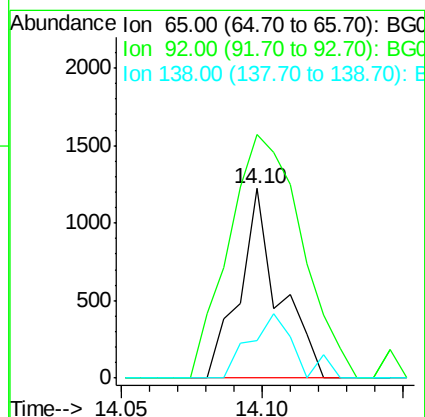
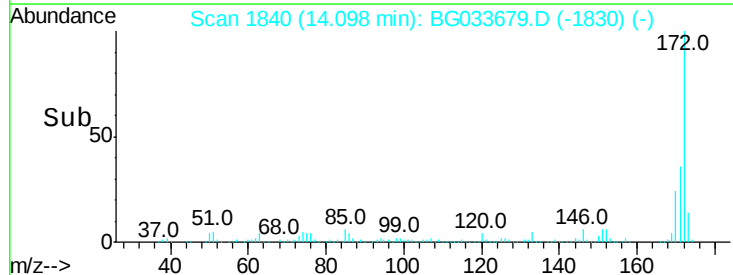
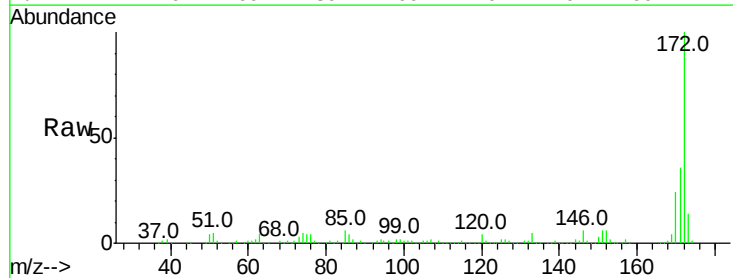
Instrument :
 BNA_G
 ClientSampleId :

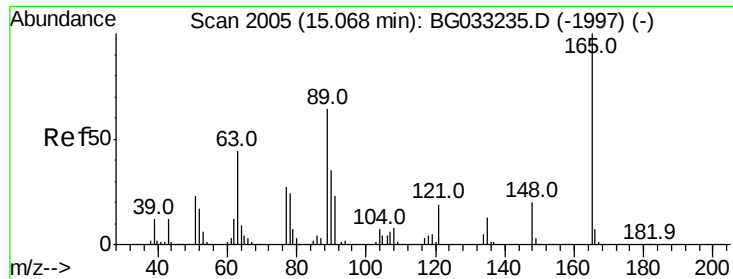
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 37.5
 170 24.4



#47
 2-Nitroaniline
 Concen: 10.770 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.47 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Tgt Ion: 65 Resp: 1181
 Ion Ratio Lower Upper
 65 100
 92 128.3 54.6 82.0#
 138 19.9 72.9 109.3#

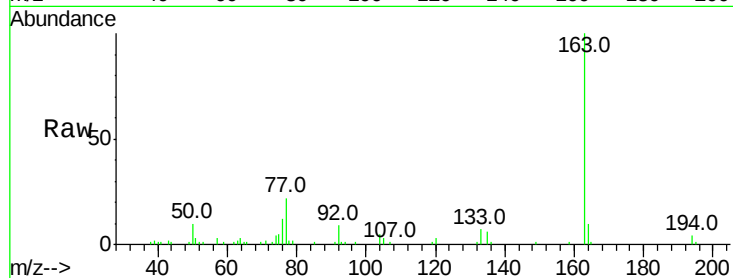




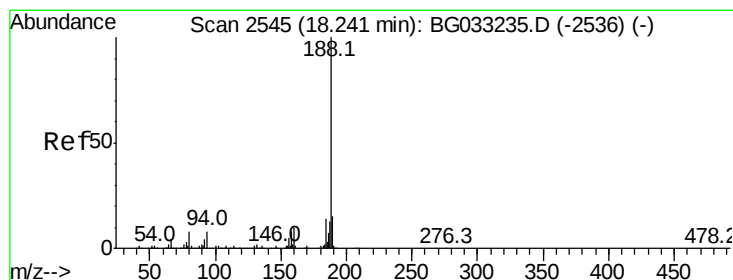
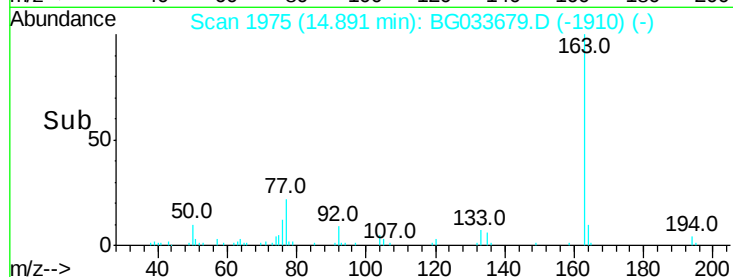
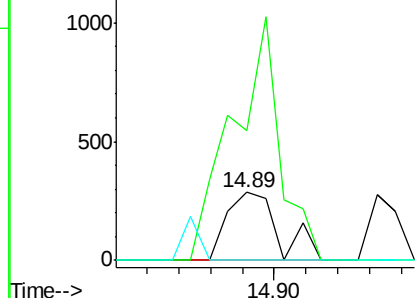
#50
 2,6-Dinitrotoluene
 Concen: 3.639 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. -0.15 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 320
 Ion Ratio Lower Upper
 165 100
 63 190.2 52.7 79.1#
 89 0.0 49.2 73.8#

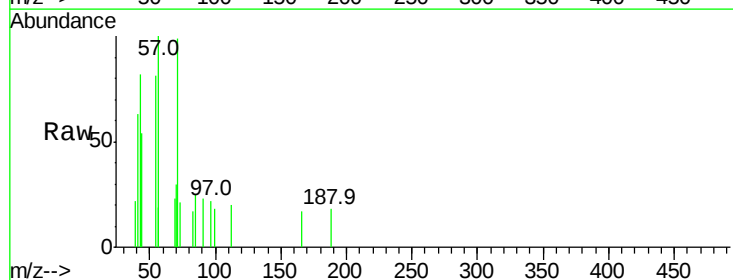


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

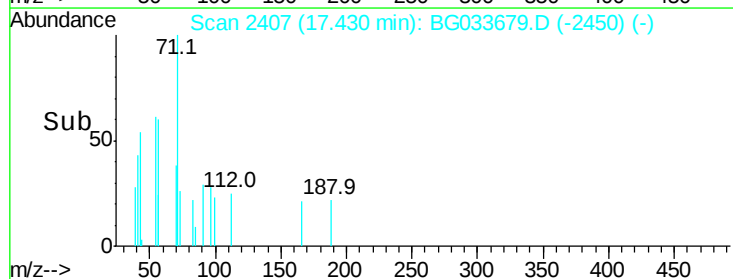
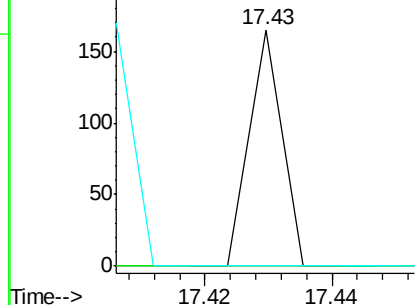


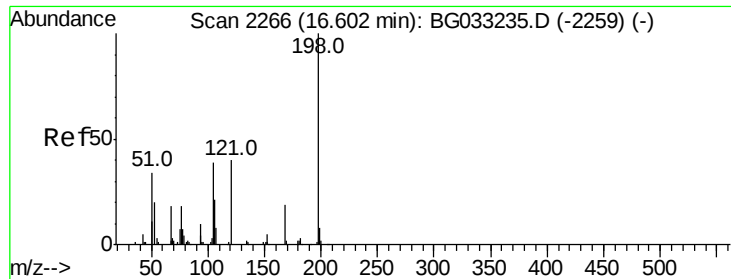
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.78 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Tgt Ion:188 Resp: 58
 Ion Ratio Lower Upper
 188 100
 94 0.0 6.9 10.3#
 80 0.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

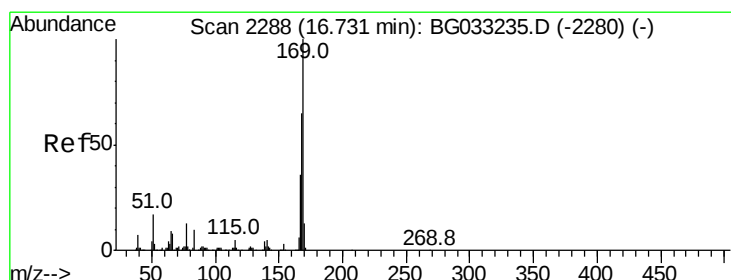
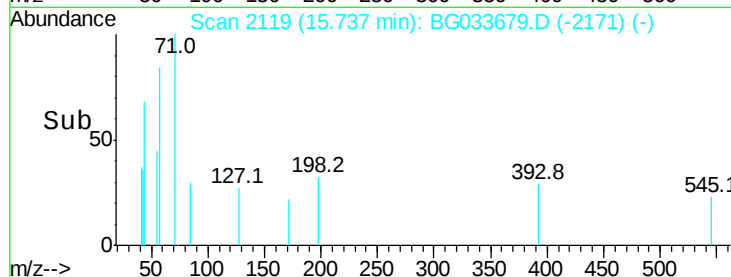
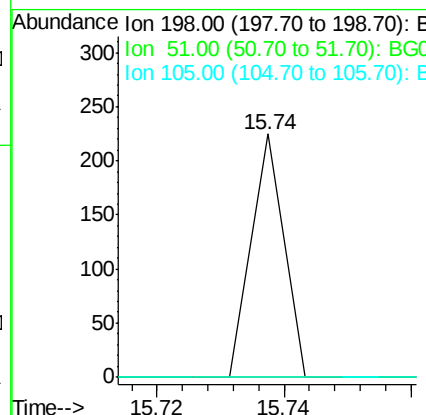
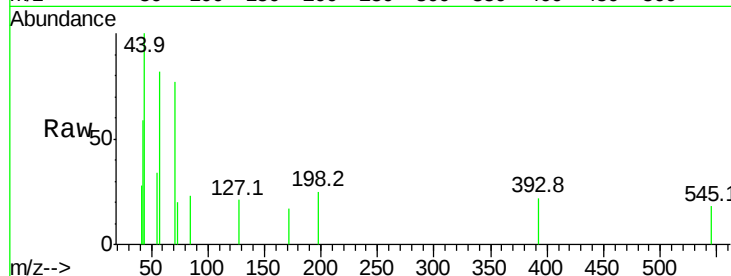




#64
4,6-Dinitro-2-methylphenol
Concen: 227.684 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.83 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

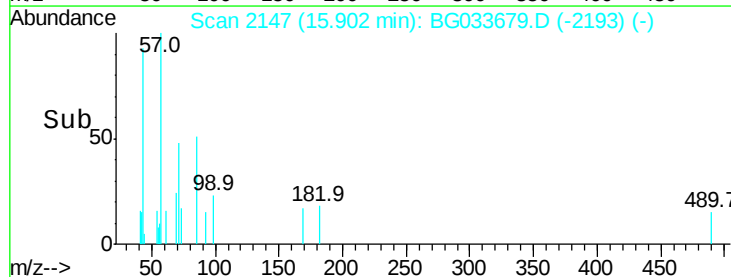
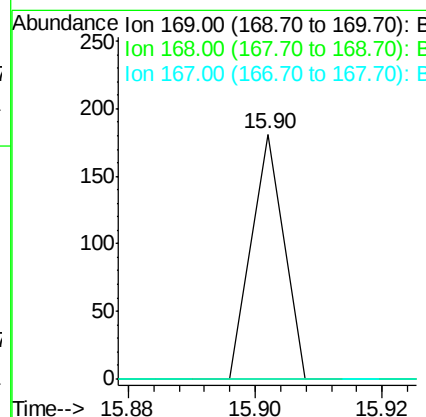
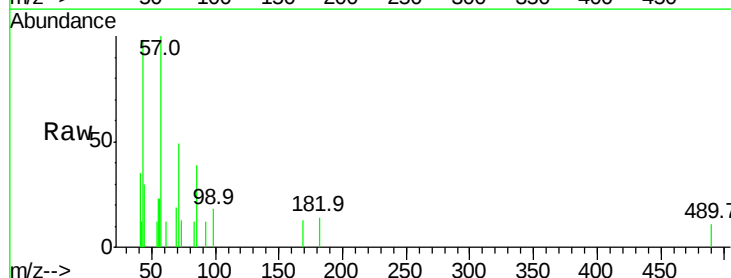
Instrument :
BNA_G
ClientSampleId :

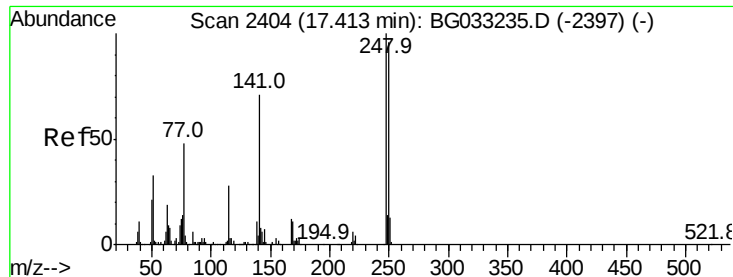
Tot Ion:198 Resp: 79
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#



#65
n-Nitrosodiphenylamine
Concen: 38.652 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.80 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Tgt Ion:169 Resp: 64
Ion Ratio Lower Upper
169 100
168 0.0 55.7 83.5#
167 0.0 30.1 45.1#

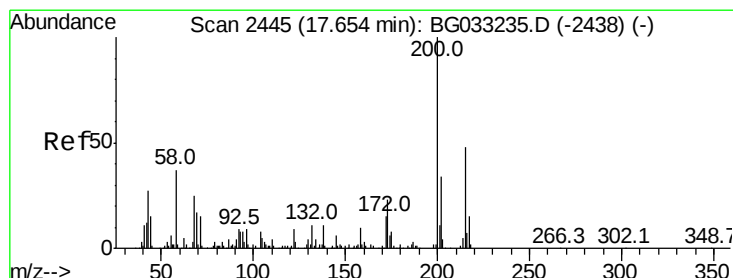
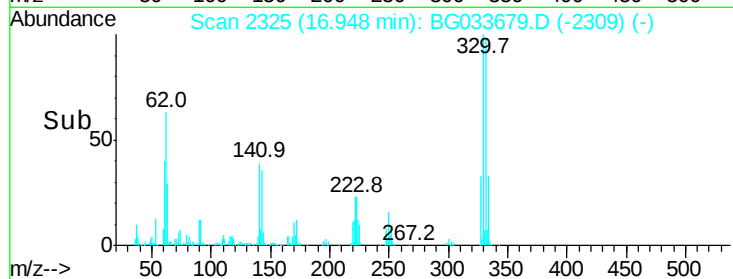
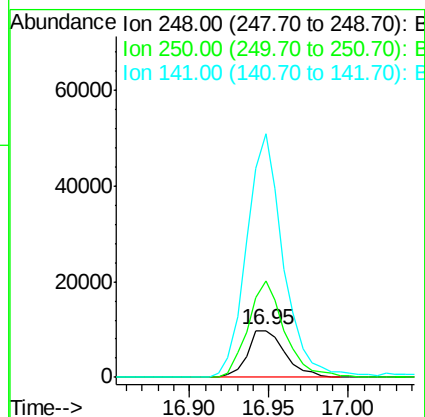
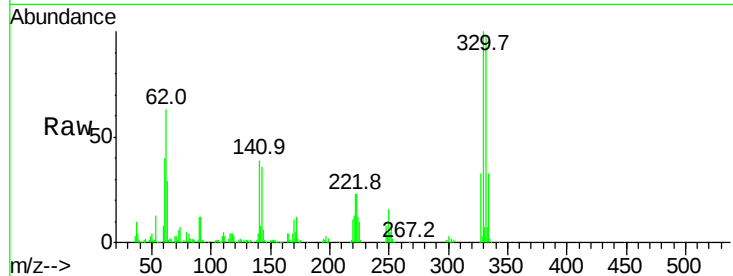




#66
 4-Bromophenyl-phenylether
 Concen: 23677.347 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.44 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

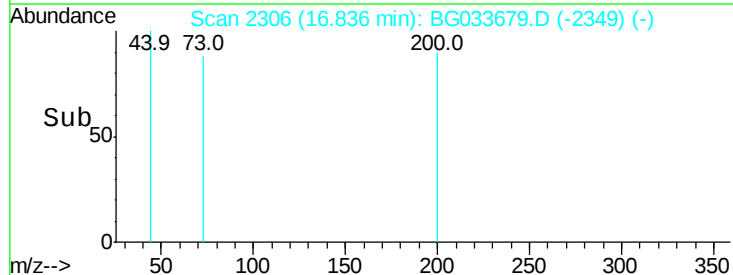
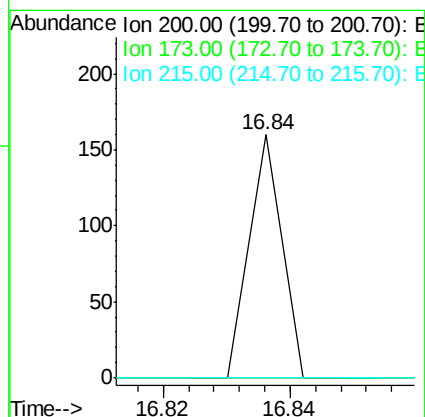
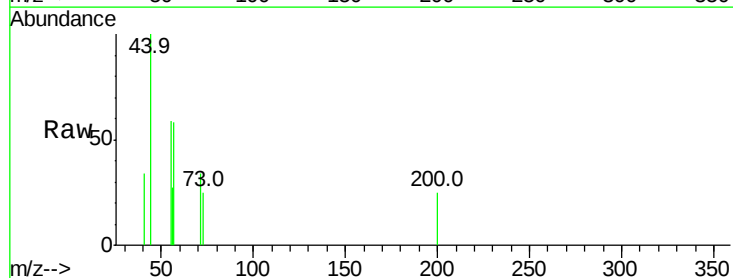
Instrument :
 BNA_G
 ClientSampleId :

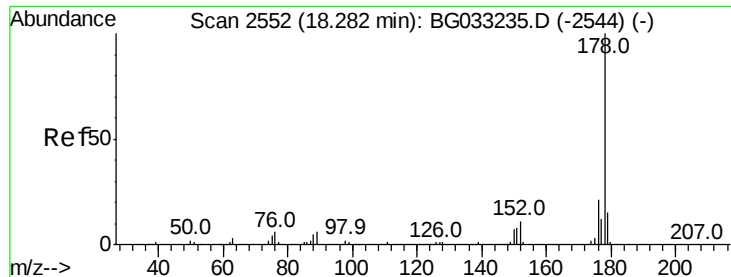
Tot Ion	Ratio	Lower	Upper
248	100		
250	207.3	77.1	115.7#
141	521.4	50.8	76.2#



#68
 Atrazine
 Concen: 83.461 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.78 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#





#70

Phenanthrene

Concen: 17.546 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.39 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

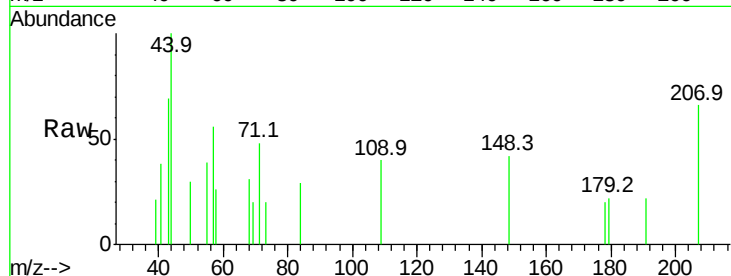
Tot Ion:178 Resp: 53

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 107.9 12.5 18.7#



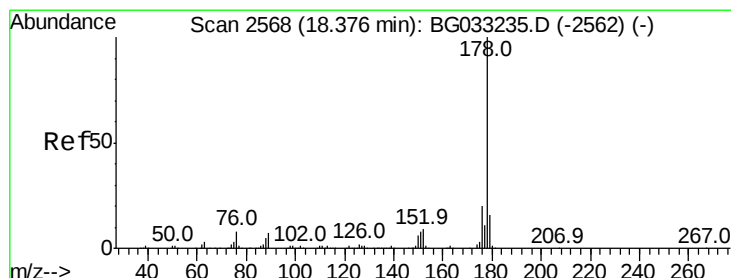
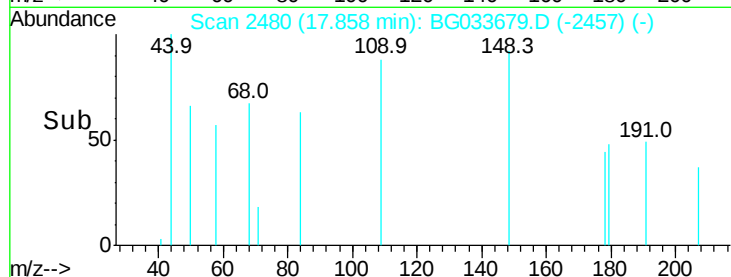
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.86

Time-->



#71

Anthracene

Concen: 17.329 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.48 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

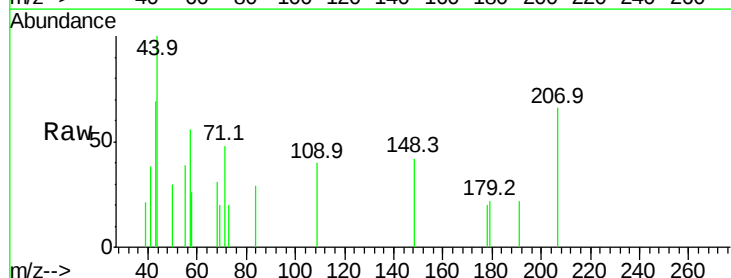
Tgt Ion:178 Resp: 53

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 107.9 12.5 18.7#



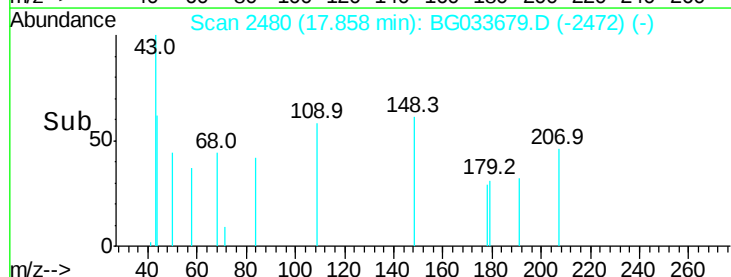
Abundance Ion 178.00 (177.70 to 178.70): E

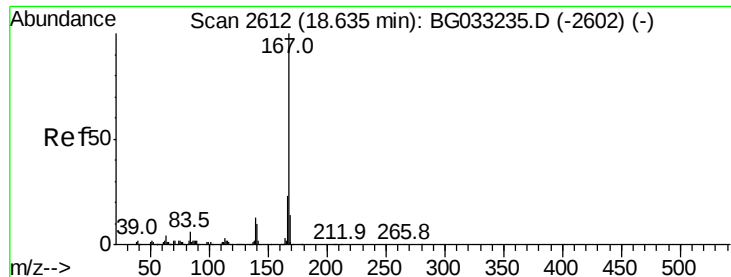
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.86

Time-->





#72

Carbazole

Concen: 31.363 ng

RT: 17.92 min Scan# 2491

Delta R.T. -0.68 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

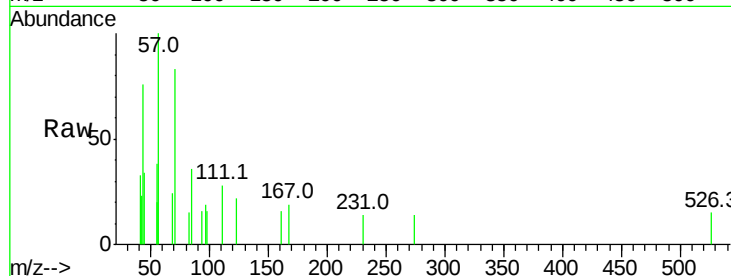
Tot Ion:167 Resp: 85

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

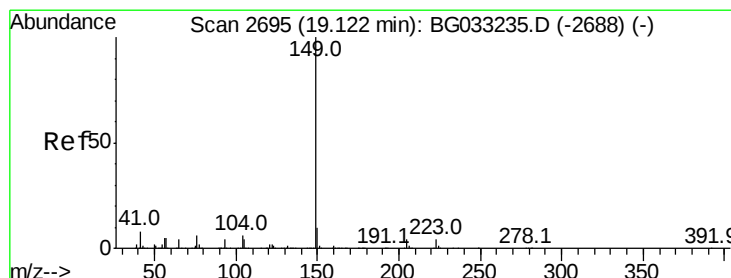
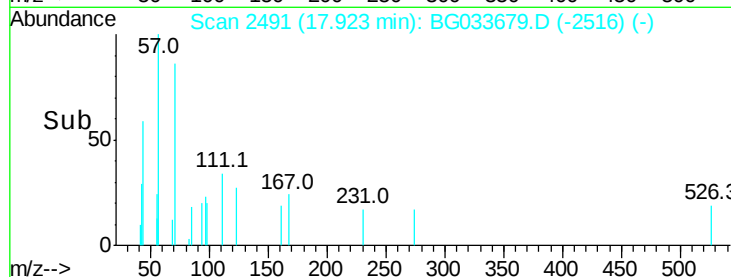
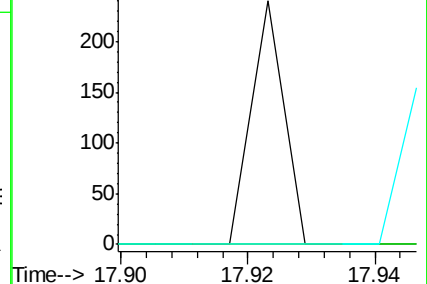
139 0.0 9.4 14.2#



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



#73

Di-n-butylphthalate

Concen: 16.801 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.85 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

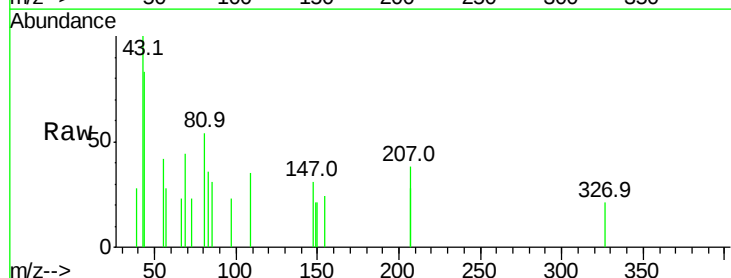
Tgt Ion:149 Resp: 53

Ion Ratio Lower Upper

149 100

150 101.3 7.8 11.6#

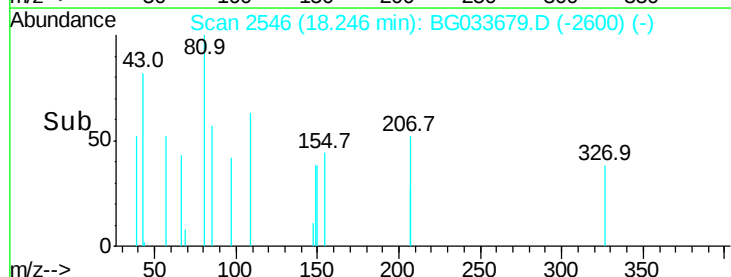
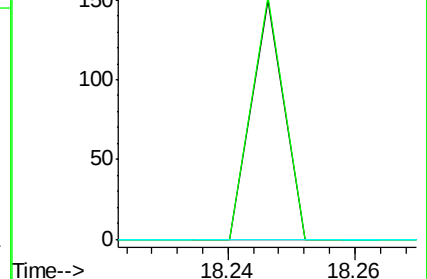
104 0.0 3.9 5.9#

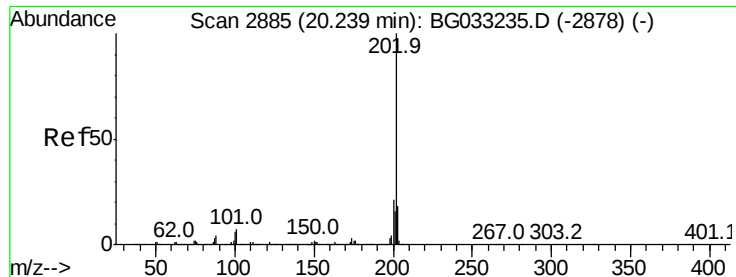


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 16.319 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.69 min

Lab File: BG033679.D

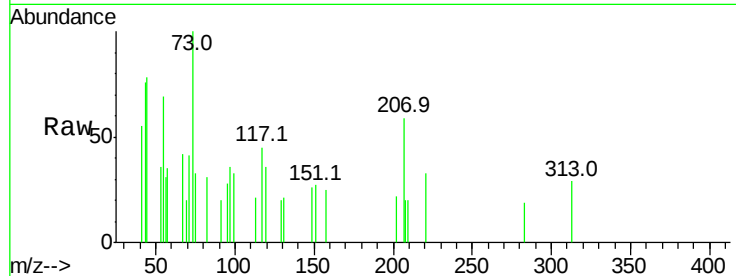
Acq: 9 Apr 2018 14:08

Instrument :

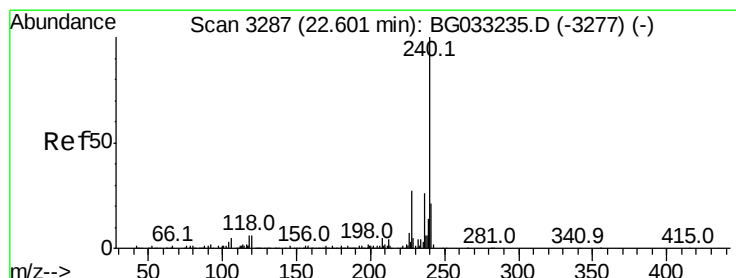
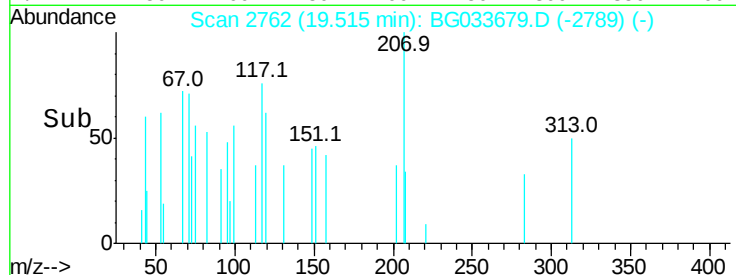
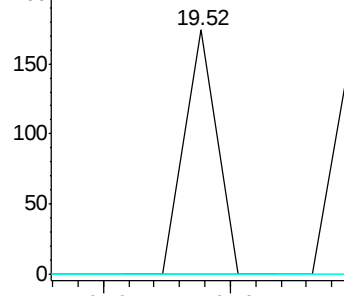
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	61
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	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: 20.000 ng

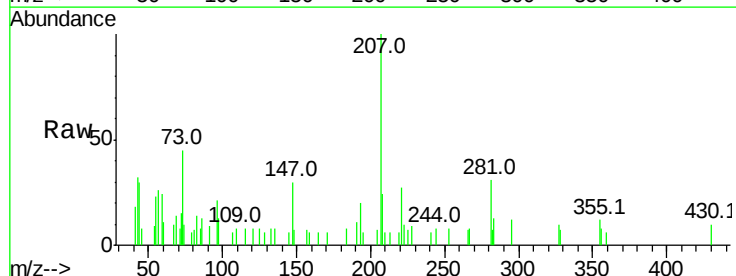
RT: 21.50 min Scan# 3100

Delta R.T. -1.06 min

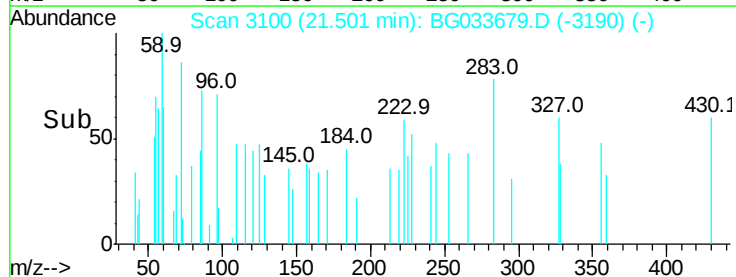
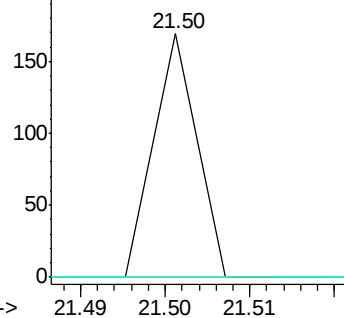
Lab File: BG033679.D

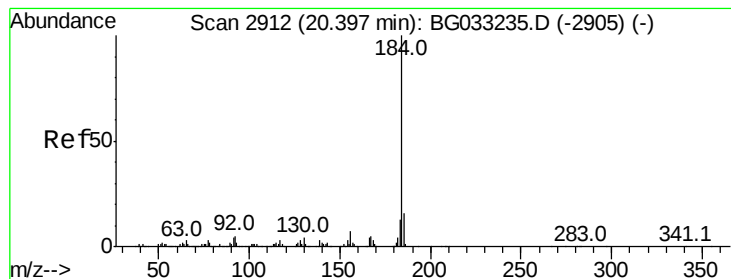
Acq: 9 Apr 2018 14:08

Tgt Ion:	240	Resp:	60
Ion	Ratio	Lower	Upper
240	100		
120	0.0	6.8	10.2#
236	0.0	20.9	31.3#



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





#76

Benzidine

Concen: 34.417 ng

RT: 19.32 min Scan# 2729

Delta R.T. -1.05 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

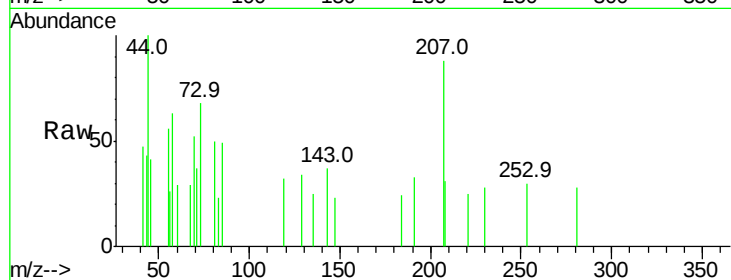
Tot Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

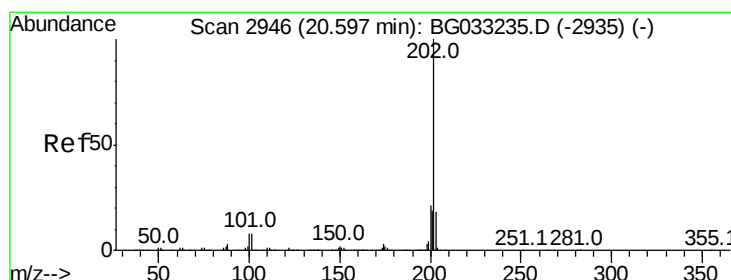
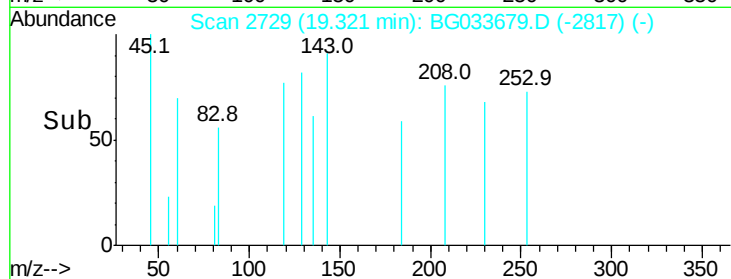
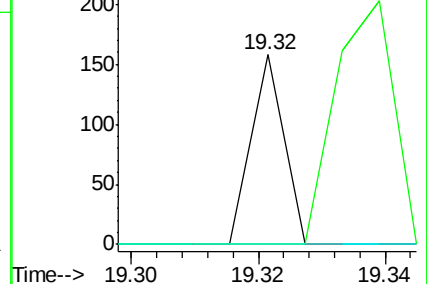
183 0.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 13.744 ng

RT: 19.54 min Scan# 2766

Delta R.T. -1.02 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

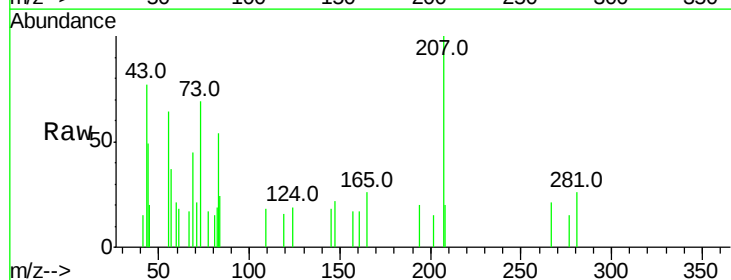
Tgt Ion:202 Resp: 55

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

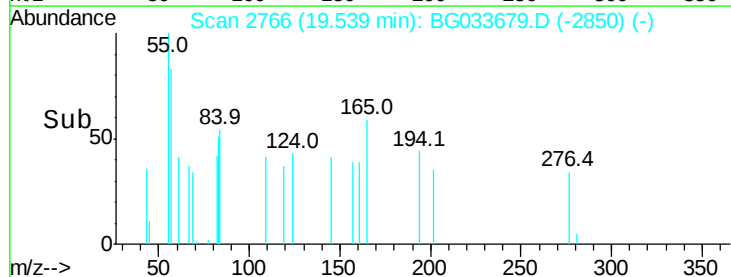
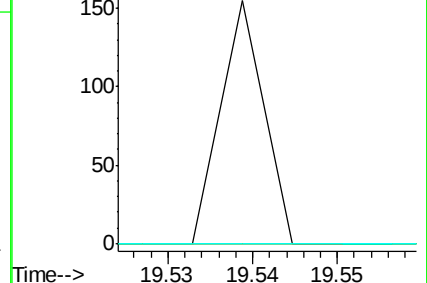
203 0.0 13.9 20.9#

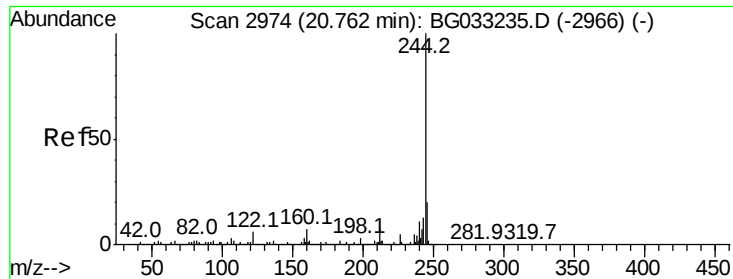


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 52.752 ng

RT: 19.34 min Scan# 2732

Delta R.T. -1.39 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampled :

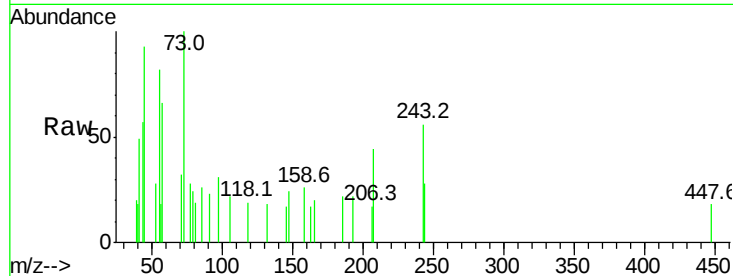
Tot Ion:244 Resp: 148

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

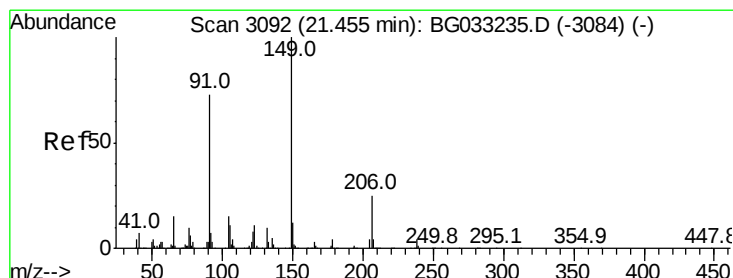
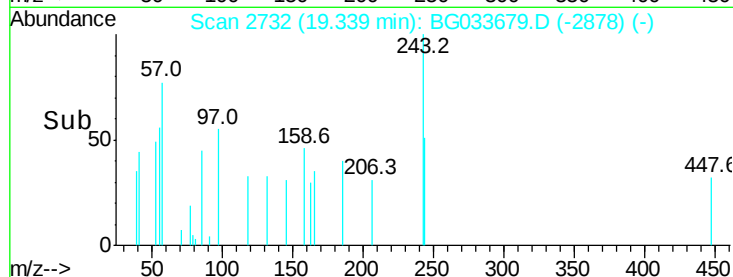
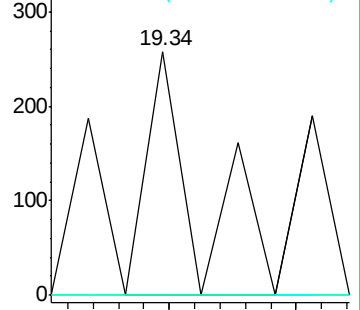
122 0.0 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 100.901 ng

RT: 20.39 min Scan# 2911

Delta R.T. -1.02 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

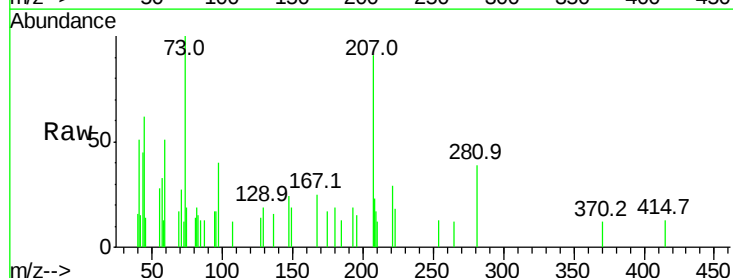
Tgt Ion:149 Resp: 149

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

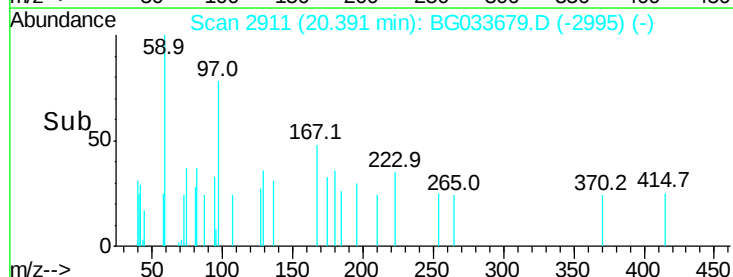
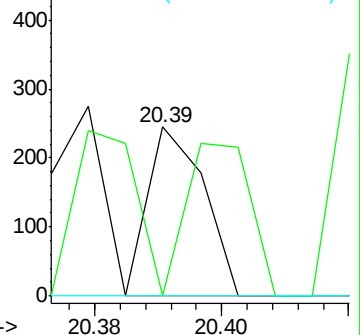
206 0.0 18.6 27.8#

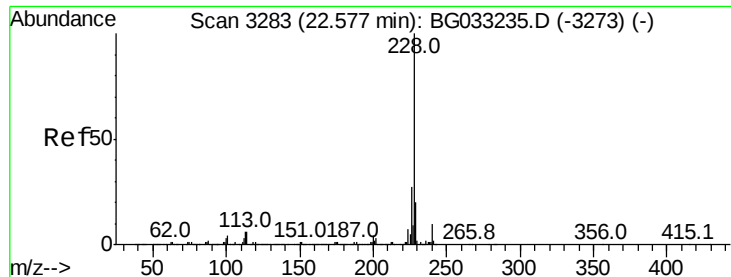


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

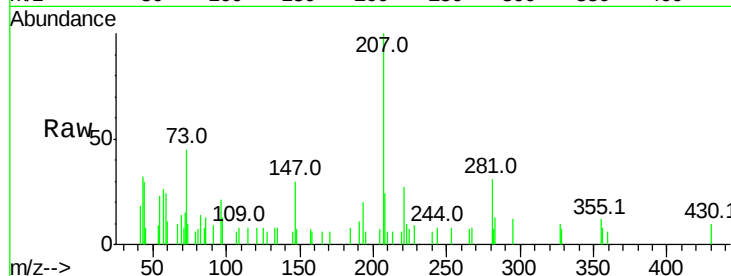




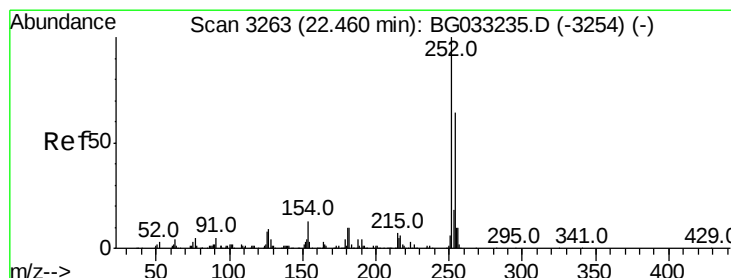
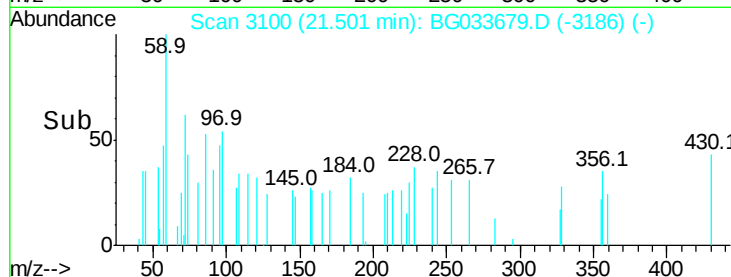
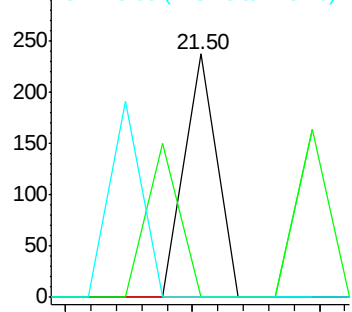
#80
Benzo(a)anthracene
Concen: 21.986 ng
RT: 21.50 min Scan# 3100
Delta R.T. -1.03 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 84
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 0.0 16.2 24.2#

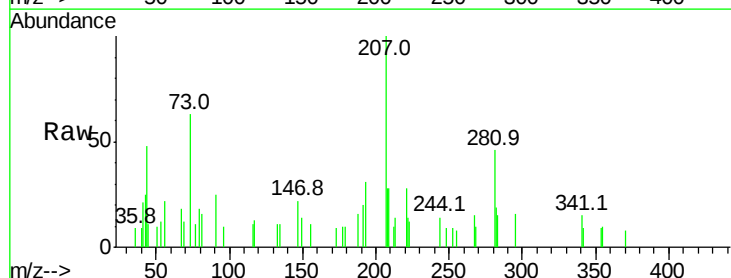


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

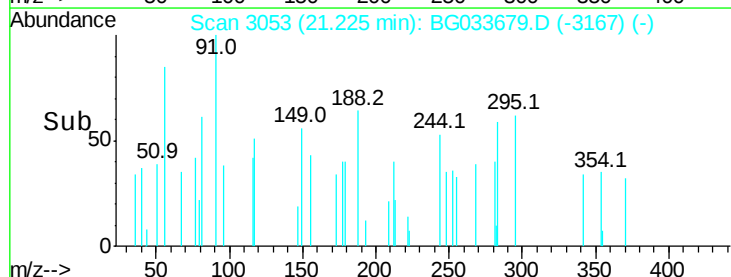
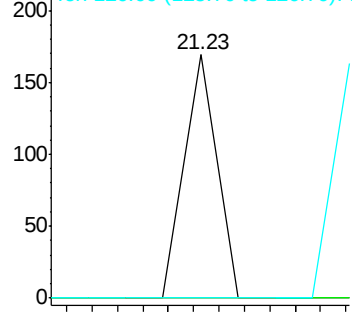


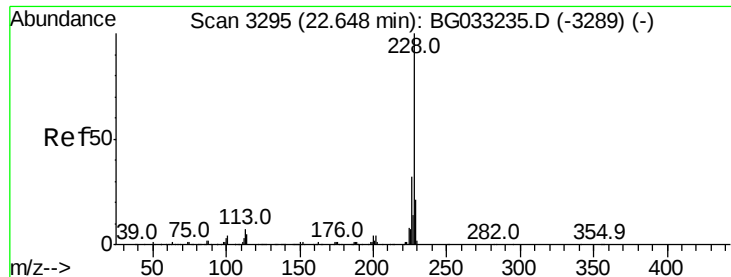
#81
3,3'-Dichlorobenzidine
Concen: 44.133 ng
RT: 21.23 min Scan# 3053
Delta R.T. -1.20 min
Lab File: BG033679.D
Acq: 9 Apr 2018 14:08

Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
254 0.0 50.8 76.2#
126 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

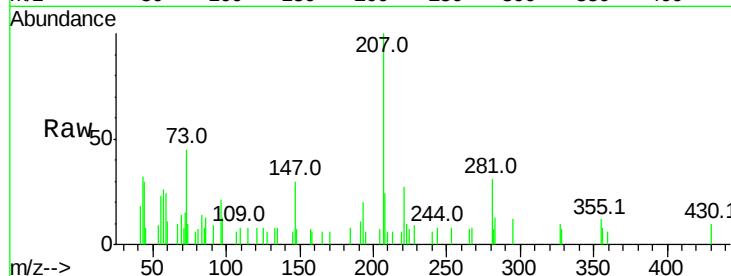




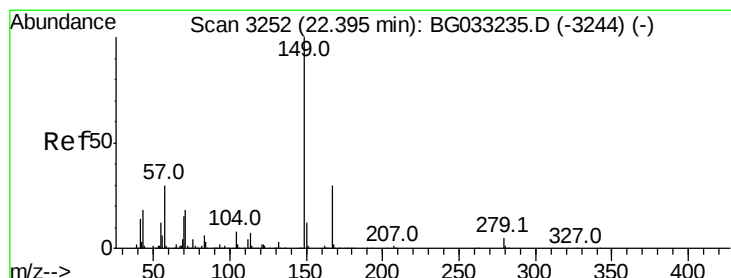
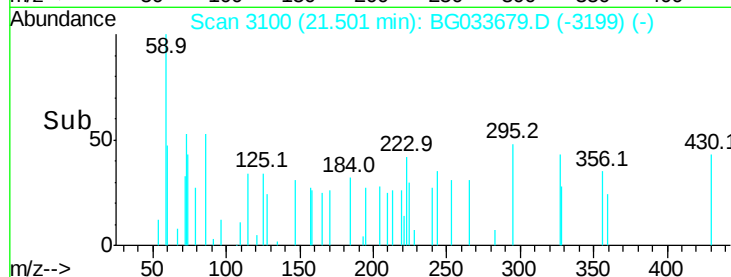
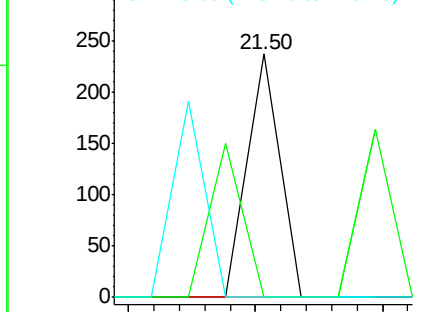
#82
 Chrysene
 Concen: 22.713 ng
 RT: 21.50 min Scan# 3100
 Delta R.T. -1.11 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#

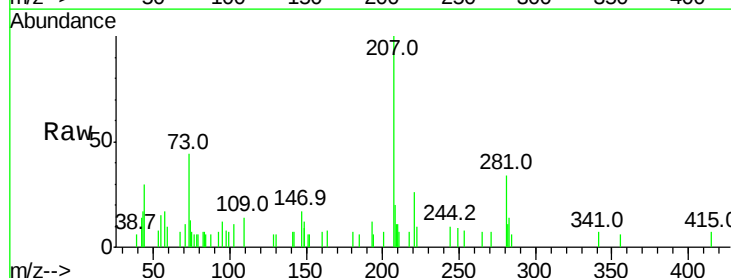


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

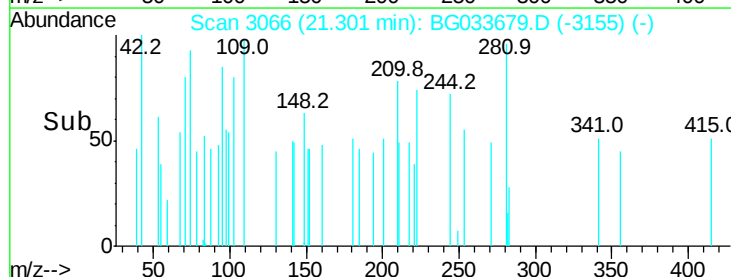
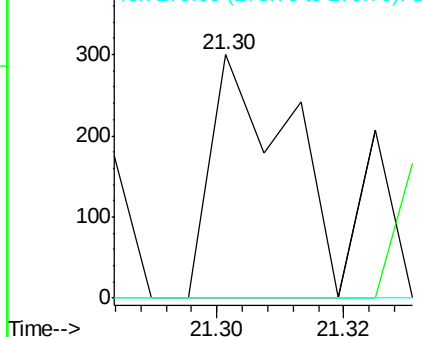


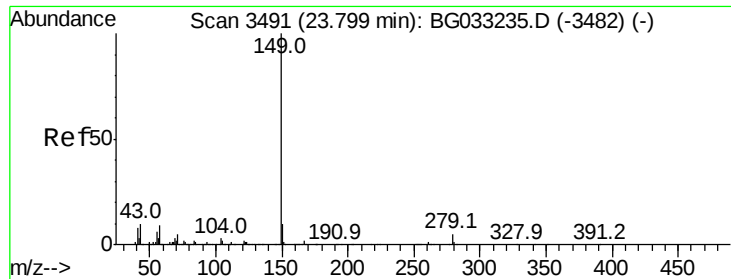
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 124.777 ng
 RT: 21.30 min Scan# 3066
 Delta R.T. -1.05 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.3	36.5#
279	0.0	4.0	6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.410 ng

RT: 22.61 min Scan# 3289

Delta R.T. -1.13 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

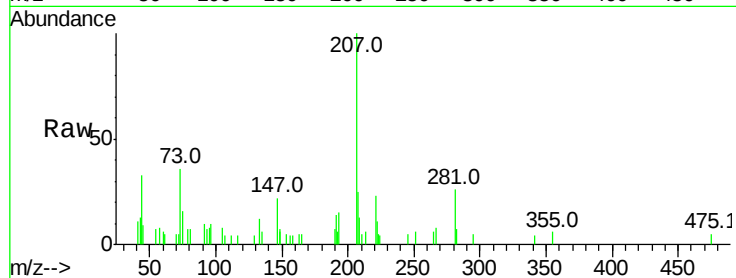
Tot Ion:149 Resp: 154

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 333.1 8.9 13.3#

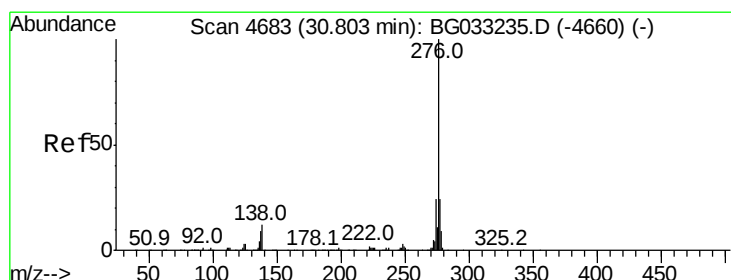
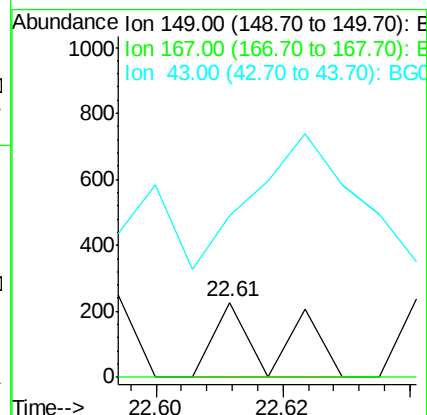
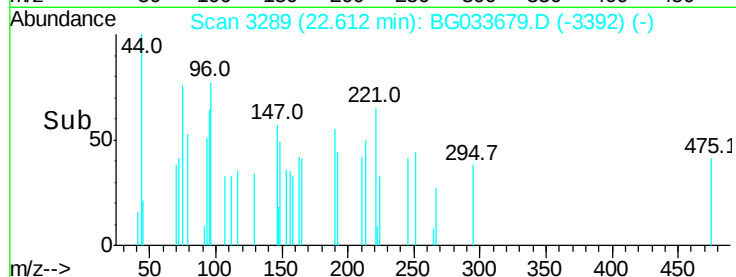


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.255 ng

RT: 29.48 min Scan# 4458

Delta R.T. -1.21 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

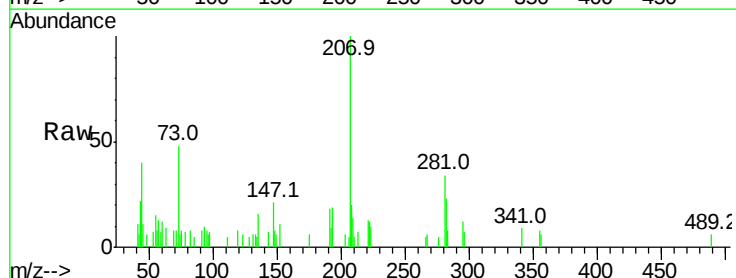
Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 0.0 20.0 30.0#

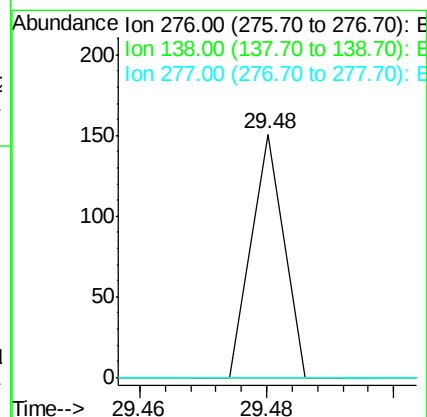
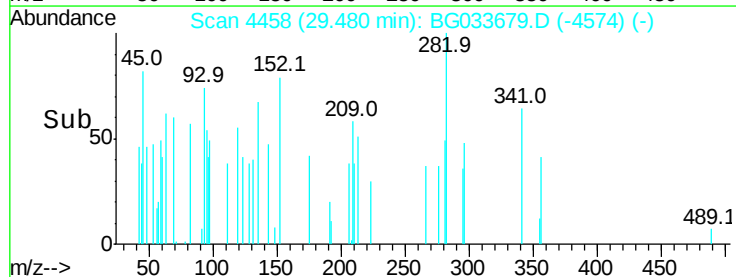


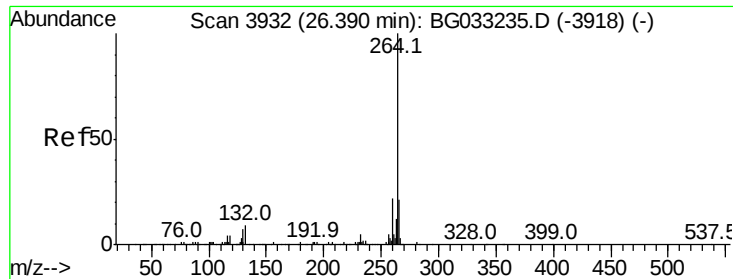
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -1.26 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampled :

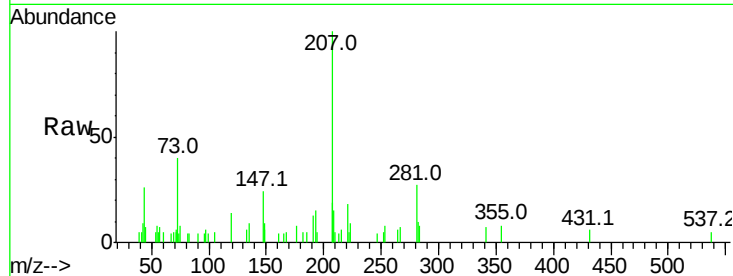
Tot Ion:264 Resp: 76

Ion Ratio Lower Upper

264 100

260 0.0 17.4 26.0#

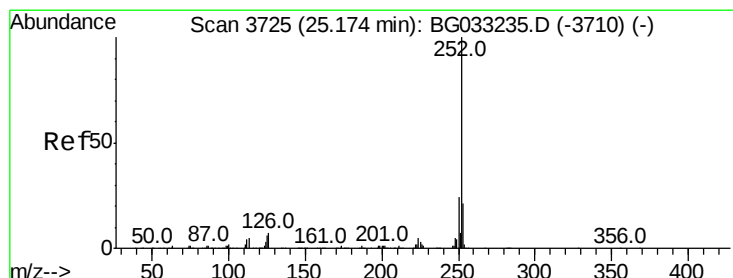
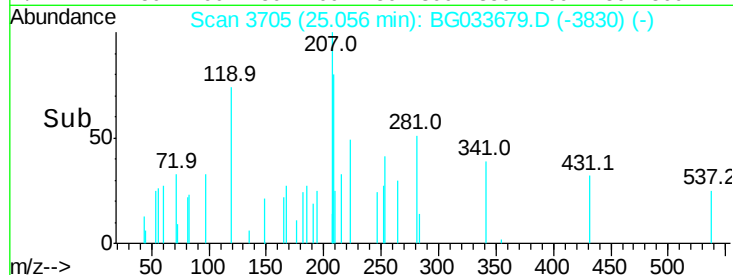
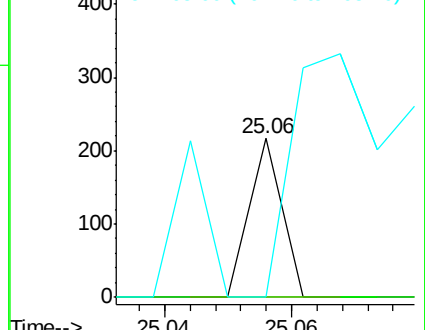
265 0.0 17.7 26.5#



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



#87

Benzo(b)fluoranthene

Concen: 12.526 ng

RT: 23.90 min Scan# 3508

Delta R.T. -1.21 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

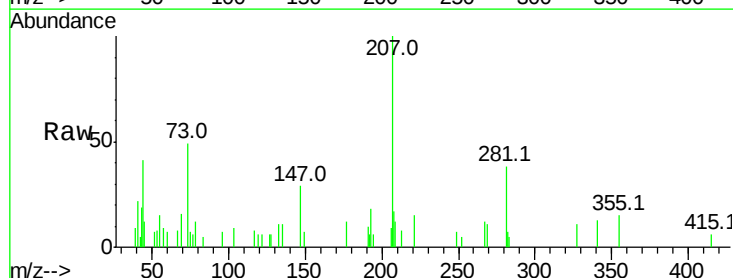
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

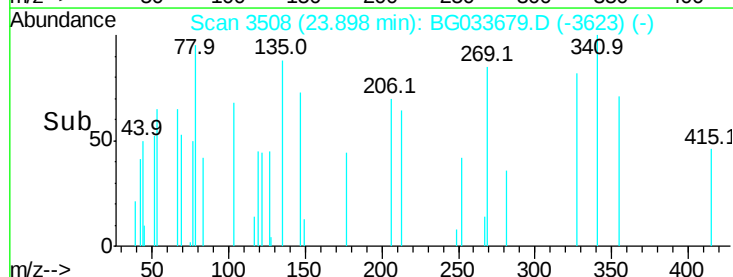
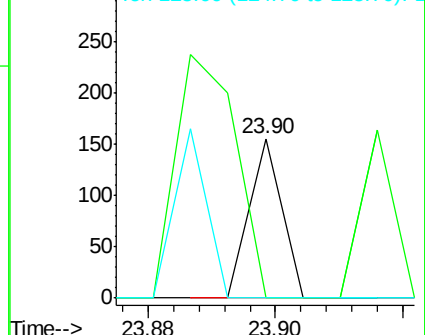
125 0.0 7.2 10.8#

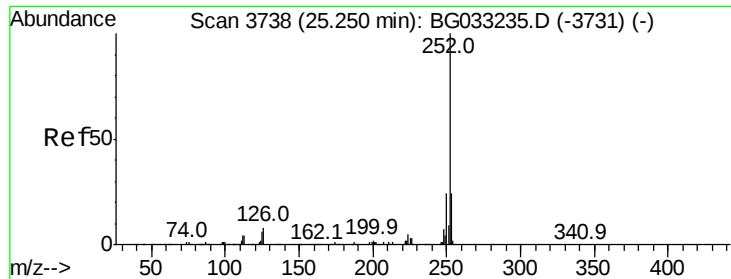


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 12.610 ng

RT: 23.97 min Scan# 3521

Delta R.T. -1.21 min

Lab File: BG033679.D

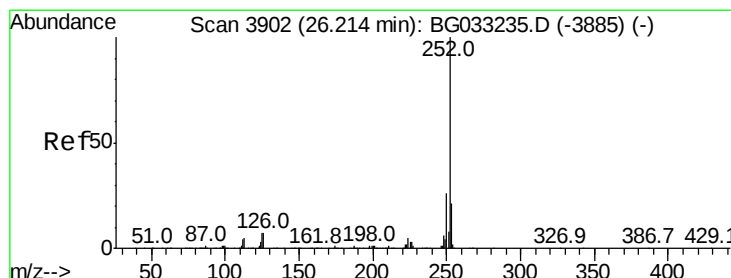
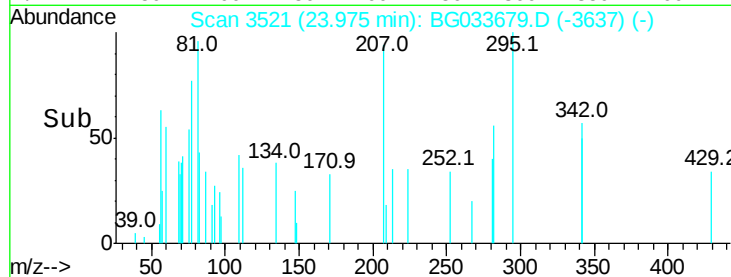
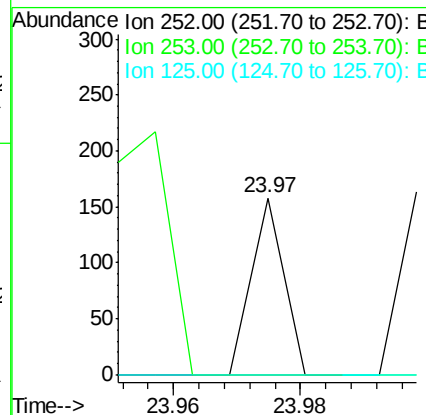
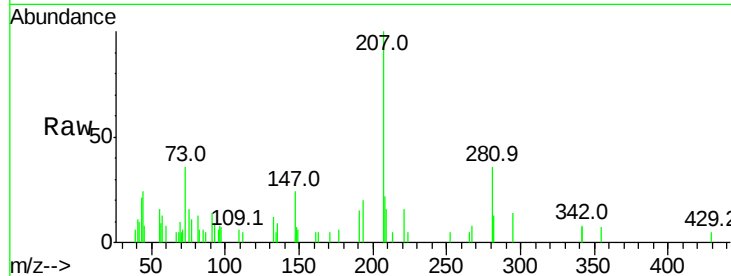
Acq: 9 Apr 2018 14:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	56
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#



#89

Benzo(a)pyrene

Concen: 17.312 ng

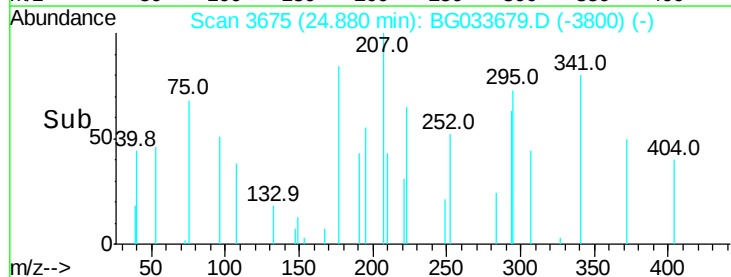
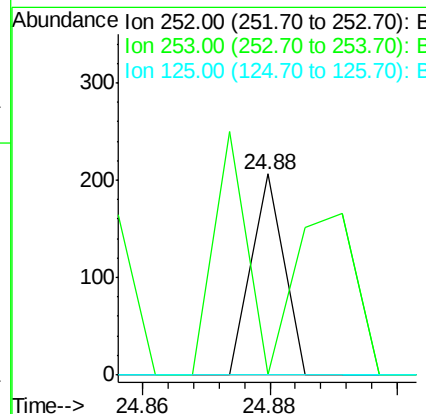
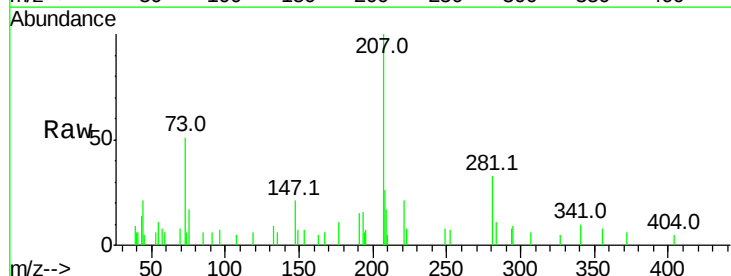
RT: 24.88 min Scan# 3675

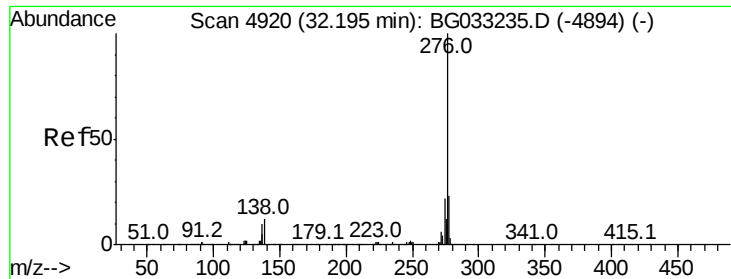
Delta R.T. -1.26 min

Lab File: BG033679.D

Acq: 9 Apr 2018 14:08

Tgt Ion:	252	Resp:	73
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

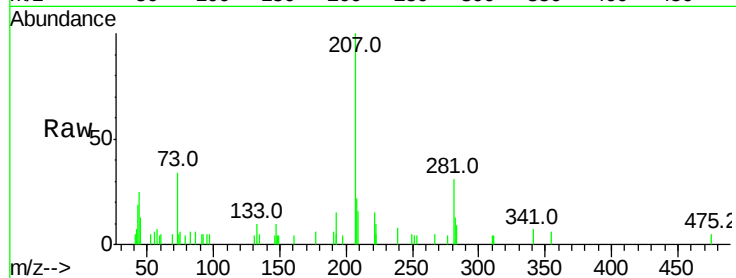




#91
 Benzo(a,h,i)perylene
 Concen: 13.475 ng
 RT: 30.56 min Scan# 4642
 Delta R.T. -1.51 min
 Lab File: BG033679.D
 Acq: 9 Apr 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

