

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031465.D
 Acq On : 11 Dec 2017 21:07
 Operator : SJ/JU
 Sample : I6762-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:49:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48810	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	211312	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	137759	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	362878	20.00	ng	0.00
75) Chrysene-d12	21.74	240	468203	20.00	ng	0.00
86) Perylene-d12	25.02	264	444637	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	144856	52.60	ng	0.00
7) Phenol-d6	7.28	99	113354	29.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	330443	96.39	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	165005	102.24	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	939046	100.06	ng	0.00
78) Terphenyl-d14	20.06	244	1736916	84.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	481	0.366	ng	# 63
4) n-Nitrosodimethylamine	3.83	42	90	0.055	ng	# 1
6) Aniline	7.65	93	287	0.057	ng	# 1
9) Benzaldehyde	7.28	77	87	0.039	ng	# 5
10) Phenol	7.31	94	5202	1.325	ng	# 97
11) bis(2-Chloroethyl)ether	7.65	93	287	0.090	ng	# 1
15) Benzyl Alcohol	8.43	79	5519	1.846	ng	# 41
24) Nitrobenzene	9.28	77	1031	0.293	ng	# 40
25) Isophorone	9.83	82	65	0.010	ng	# 69
31) Naphthalene	10.99	128	53	0.005	ng	# 68
37) 2-Methylnaphthalene	12.68	142	56	0.007	ng	# 17
45) 1,1'-Biphenyl	13.35	154	1862	0.165	ng	# 1
49) Dimethylphthalate	14.20	163	12456	1.092	ng	# 94
51) Acenaphthene	14.73	154	522	0.062	ng	# 5
57) Fluorene	15.83	166	54	0.005	ng	# 7
58) 2,3,4,6-Tetrachlorophenol	15.52	232	55	0.020	ng	# 40
59) Diethylphthalate	15.54	149	2287	0.200	ng	# 95
62) Azobenzene	16.08	77	55	0.006	ng	# 48
65) n-Nitrosodiphenylamine	16.22	169	6003	0.565	ng	# 52
70) Phenanthrene	17.51	178	382	0.020	ng	# 60
71) Anthracene	17.51	178	382	0.020	ng	# 59
72) Carbazole	17.93	167	63	0.004	ng	# 59
73) Di-n-butylphthalate	18.41	149	1125	0.057	ng	# 78
74) Fluoranthene	19.53	202	2201	0.093	ng	# 82
76) Benzidine	19.86	184	58	0.005	ng	# 66
77) Pyrene	19.89	202	2604	0.090	ng	# 92
79) Butylbenzylphthalate	20.74	149	115	0.011	ng	# 62
80) Benzo(a)anthracene	21.74	228	2102	0.074	ng	# 79
82) Chrysene	21.78	228	1040	0.038	ng	# 60
83) Bis(2-ethylhexyl)phthalate	21.60	149	1565	0.107	ng	# 85
84) Di-n-octyl phthalate	22.82	149	262	0.011	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.86	276	61	0.002	ng	# 53
87) Benzo(b)fluoranthene	24.01	252	871	0.033	ng	# 61
88) Benzo(k)fluoranthene	24.03	252	575	0.021	ng	# 60

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 03:49:58 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

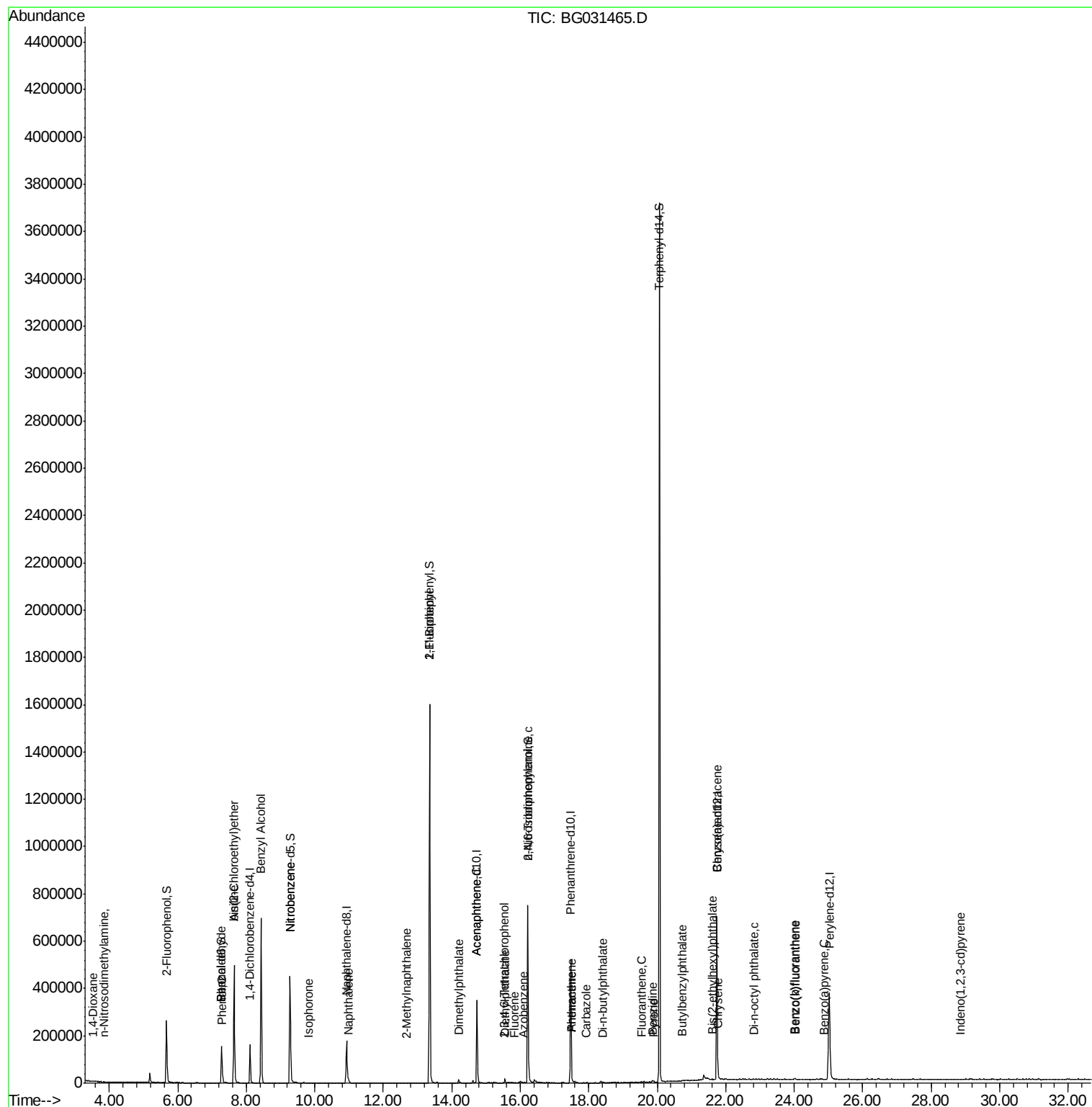
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	24.89	252	215	0.009	ng	# 59

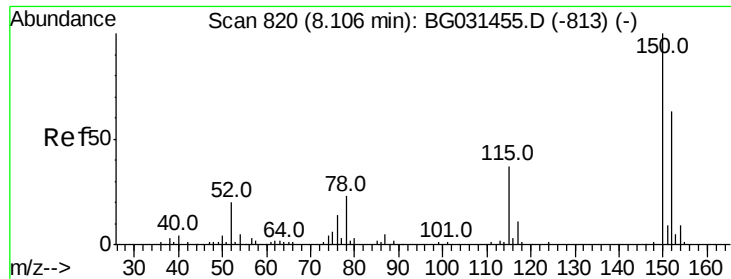
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
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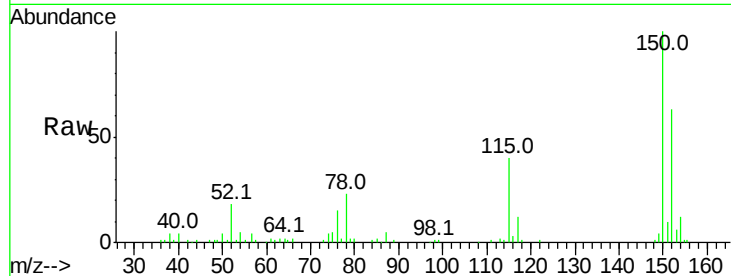


#1

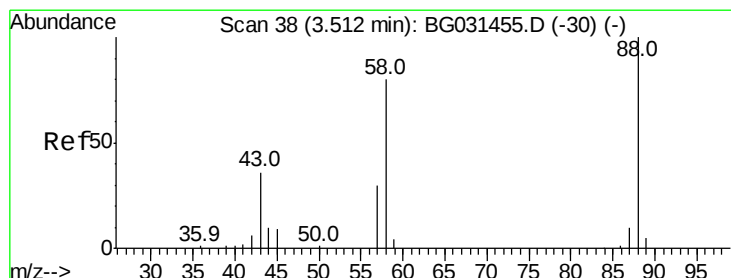
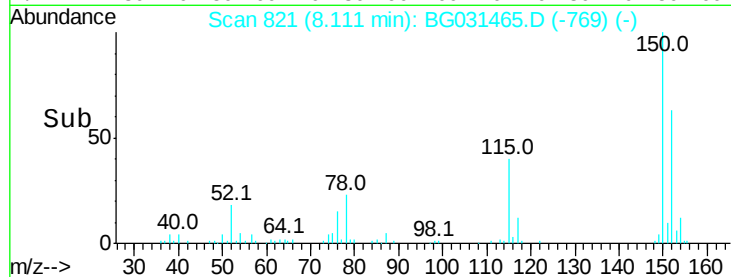
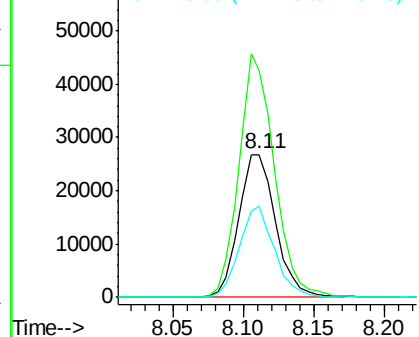
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48810
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 63.8 53.0 79.4



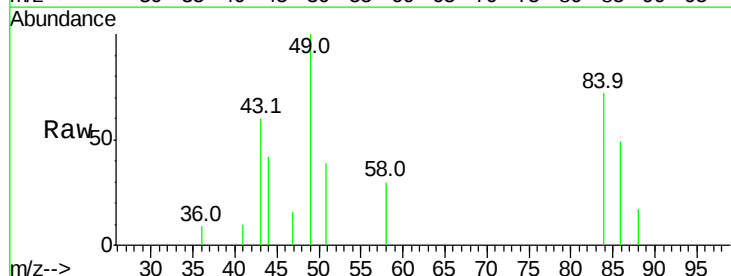
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



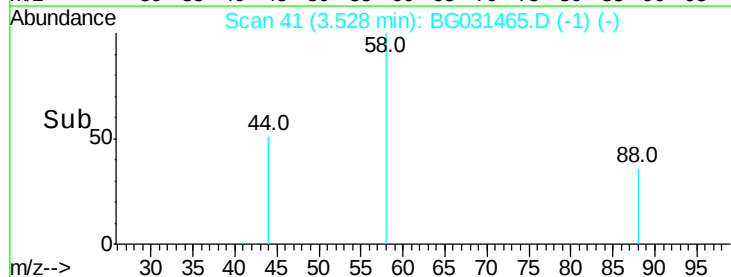
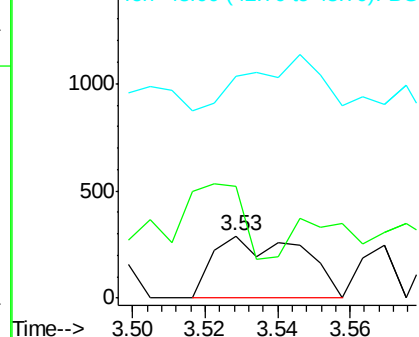
#2

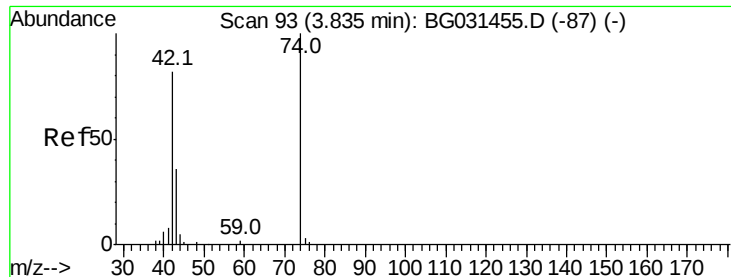
1,4-Dioxane
Concen: 0.366 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.02 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion: 88 Resp: 481
Ion Ratio Lower Upper
88 100
58 70.5 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





#4

n-Nitrosodimethylamine

Concen: 0.055 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampled :

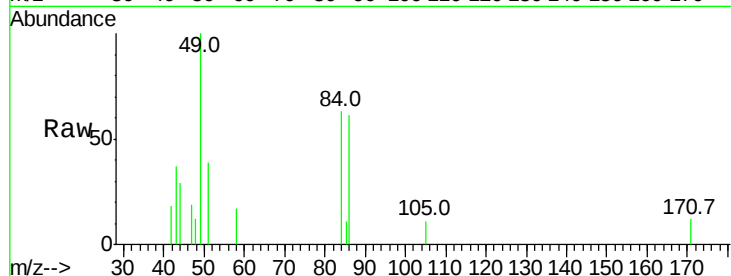
Tot Ion: 42 Resp: 90

Ion Ratio Lower Upper

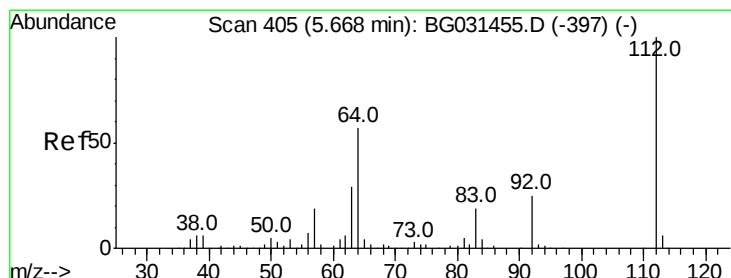
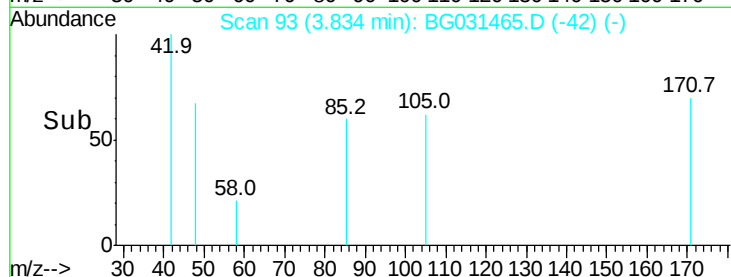
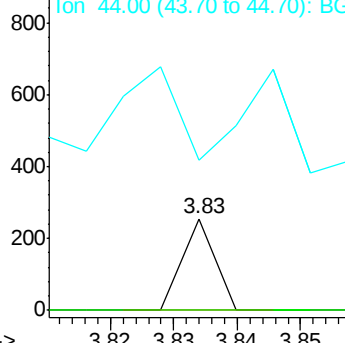
42 100

74 0.0 102.5 153.7#

44 164.3 18.9 28.3#



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



#5

2-Fluorophenol

Concen: 52.604 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

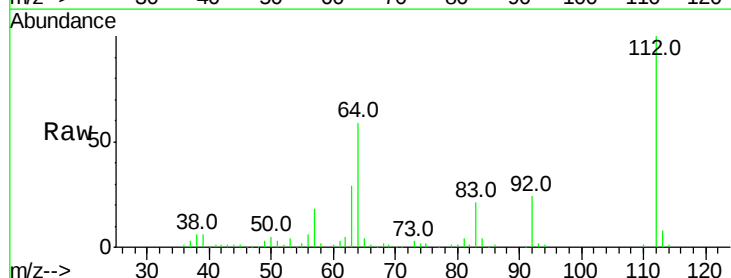
Tgt Ion: 112 Resp: 144856

Ion Ratio Lower Upper

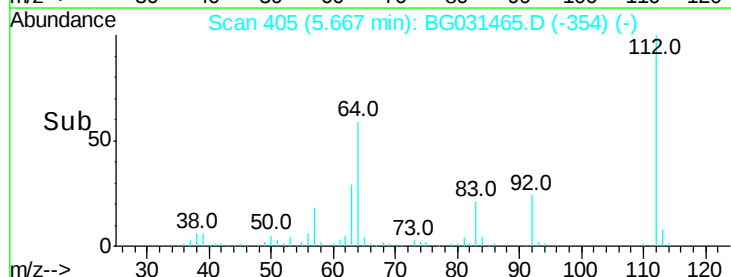
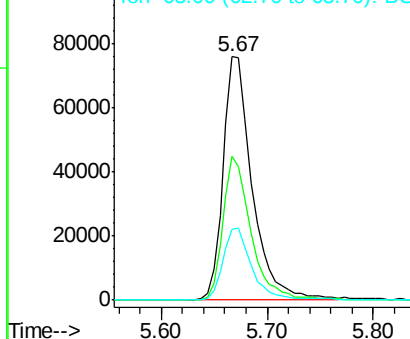
112 100

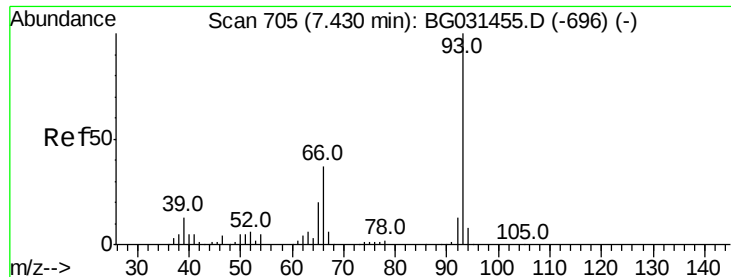
64 59.2 56.3 84.5

63 29.0 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





#6

Aniline

Concen: 0.057 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.22 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampled :

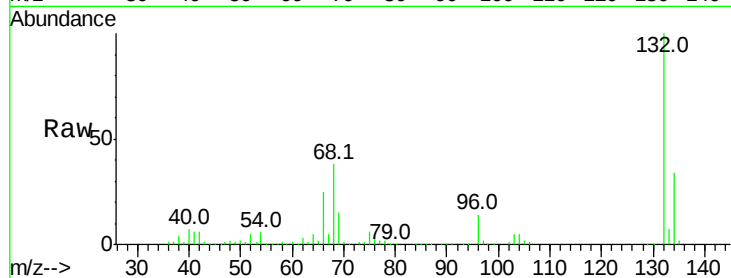
Tot Ion: 93 Resp: 287

Ion Ratio Lower Upper

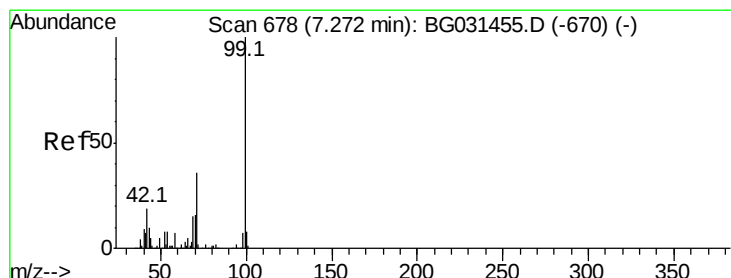
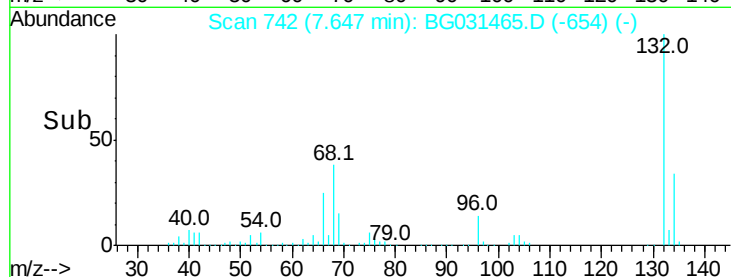
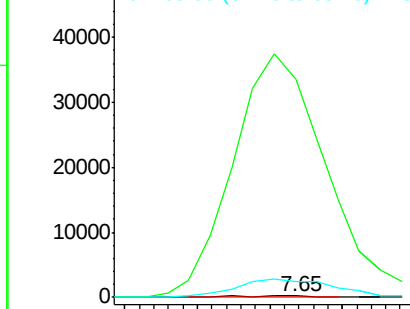
93 100

66 14116.5 33.7 50.5#

65 1040.9 16.1 24.1#



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



#7

Phenol-d6

Concen: 29.652 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

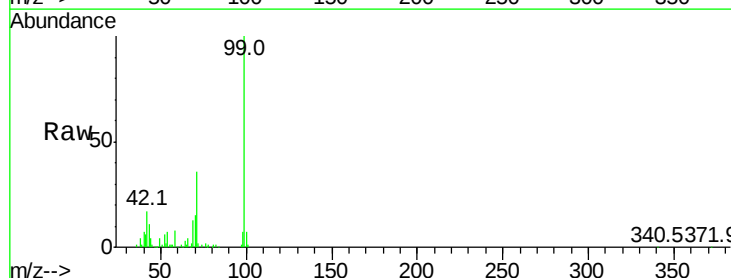
Tgt Ion: 99 Resp: 113354

Ion Ratio Lower Upper

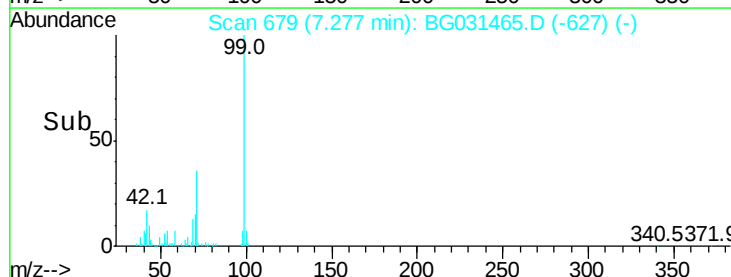
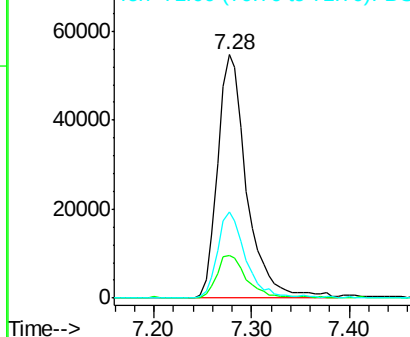
99 100

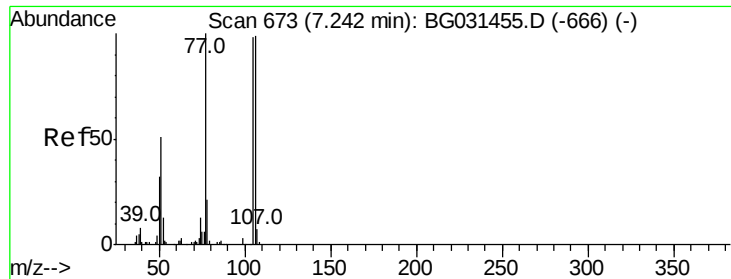
42 17.5 14.1 21.1

71 35.6 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





#9

Benzaldehyde

Concen: 0.039 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.03 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

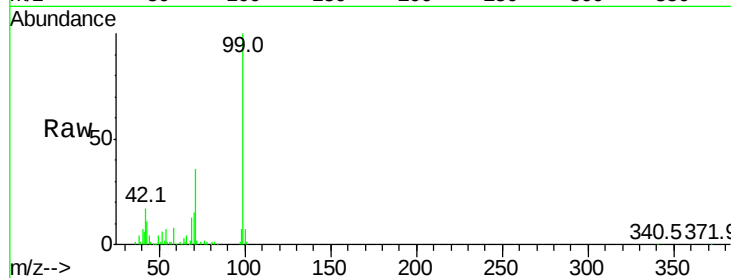
Tot Ion: 77 Resp: 87

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

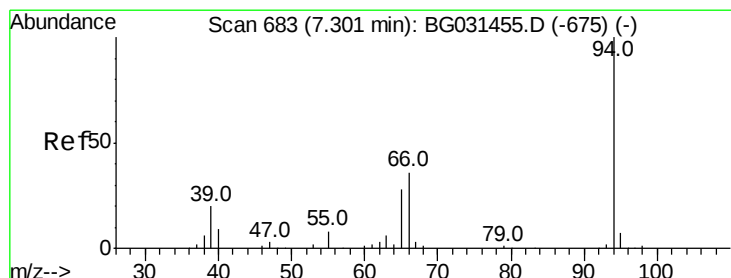
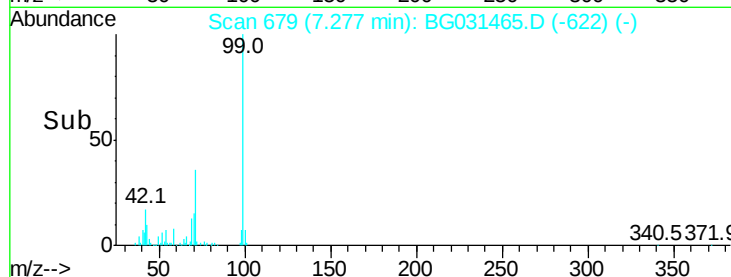
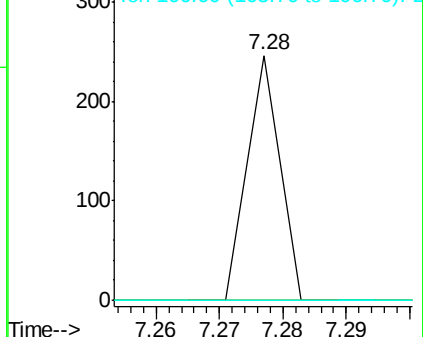
106 0.0 64.2 104.2#



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



#10

Phenol

Concen: 1.325 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

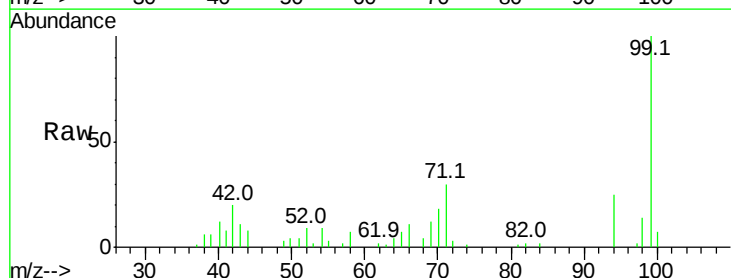
Tgt Ion: 94 Resp: 5202

Ion Ratio Lower Upper

94 100

65 30.1 11.9 51.9

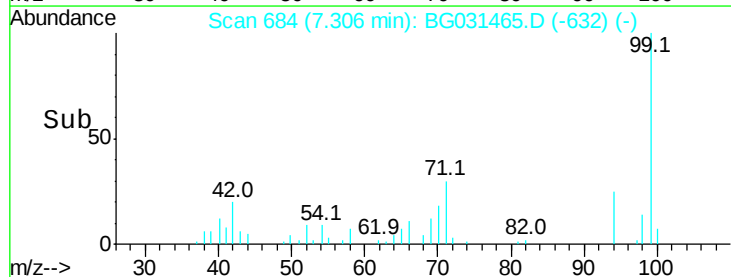
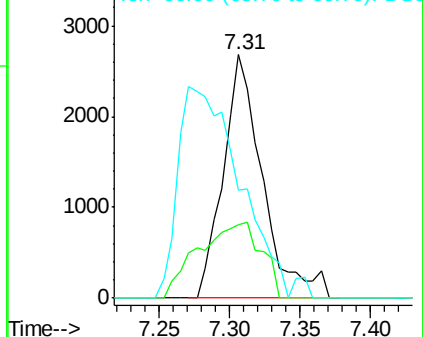
66 44.2 22.2 62.2

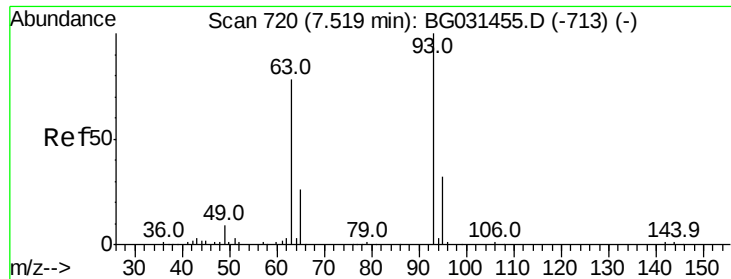


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

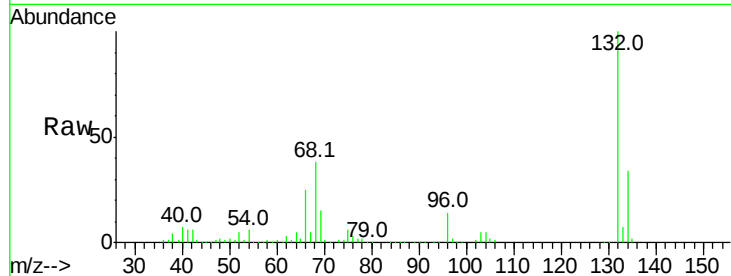




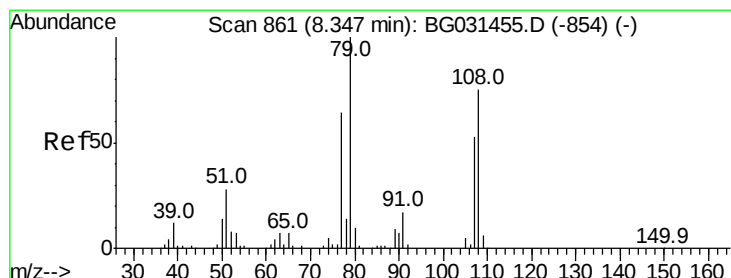
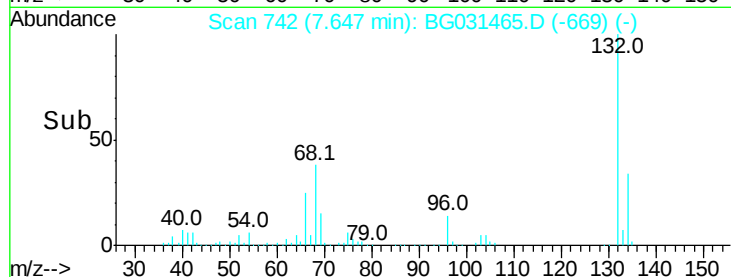
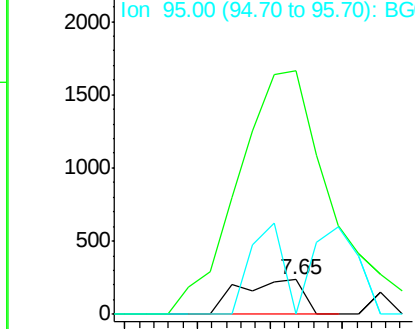
#11
bis(2-Chloroethyl)ether
Concen: 0.090 ng
RT: 7.65 min Scan# 742
Delta R.T. 0.13 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 287
Ion Ratio Lower Upper
93 100
63 701.7 67.1 107.1#
95 0.0 11.5 51.5#

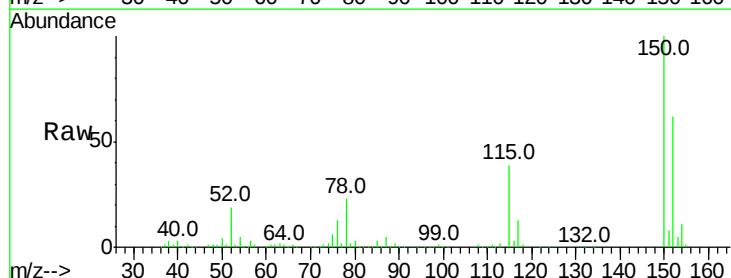


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

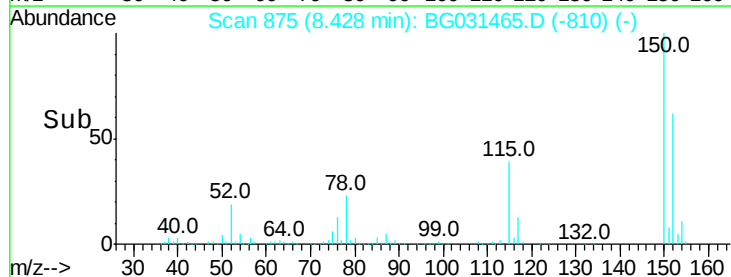
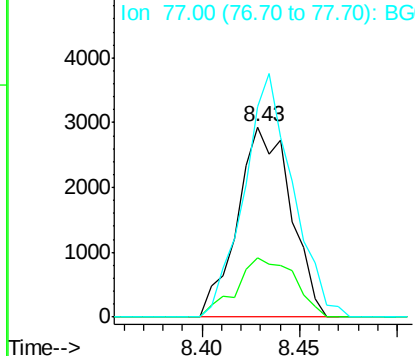


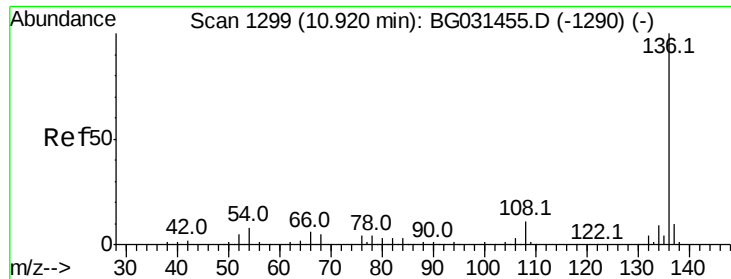
#15
Benzyl Alcohol
Concen: 1.846 ng
RT: 8.43 min Scan# 875
Delta R.T. 0.08 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion: 79 Resp: 5519
Ion Ratio Lower Upper
79 100
108 31.3 57.2 85.8#
77 110.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

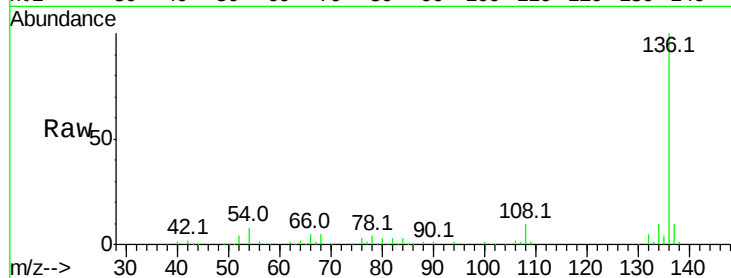




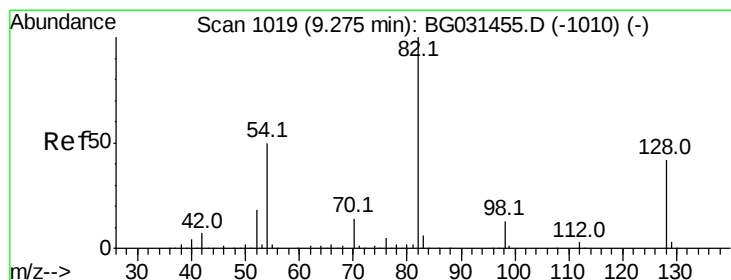
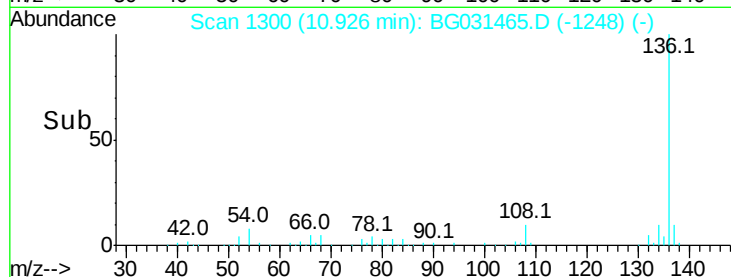
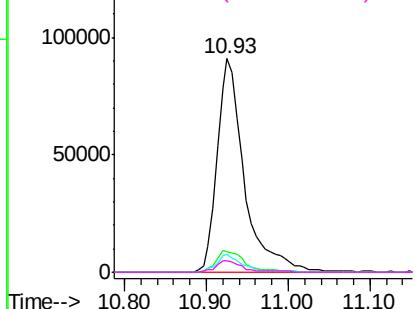
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	211312
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.2	13.8
54	8.4	10.3	15.5
68	5.2	4.5	6.7

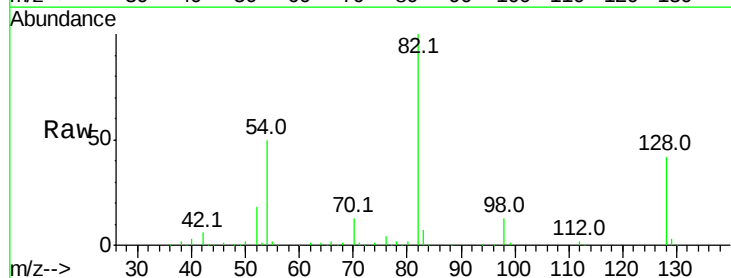


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

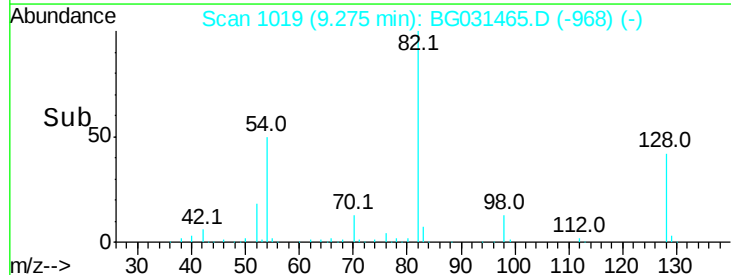
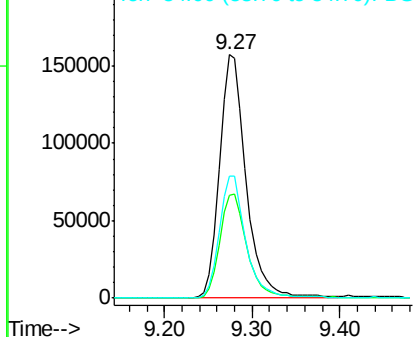


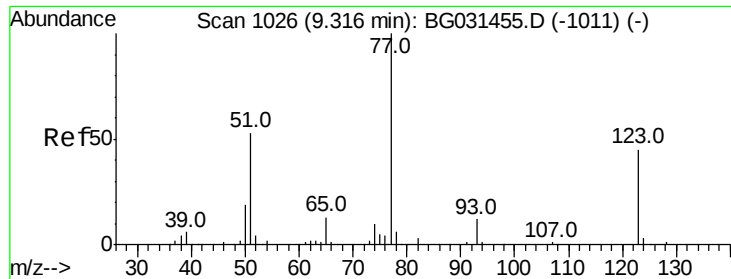
#23
Nitrobenzene-d5
Concen: 96.385 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion:	82	Resp:	330443
Ion Ratio	Lower	Upper	
82	100		
128	42.3	29.7	44.5
54	50.1	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.293 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampled :

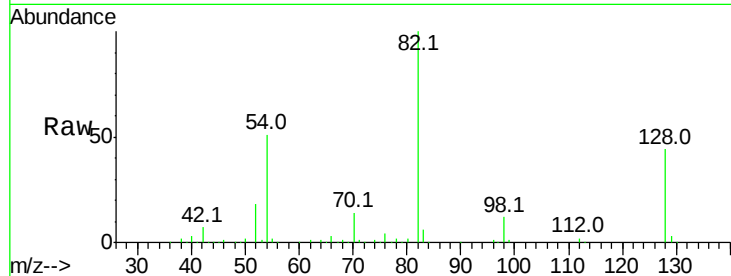
Tot Ion: 77 Resp: 1031

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

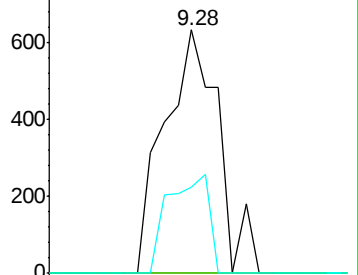
65 35.6 13.0 19.6#



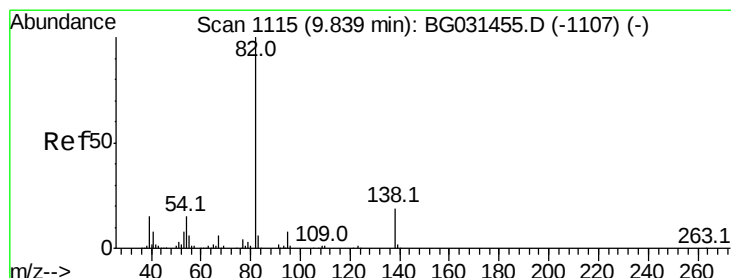
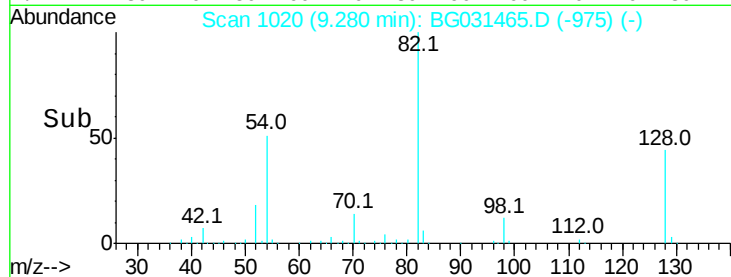
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->



#25

Isophorone

Concen: 0.010 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

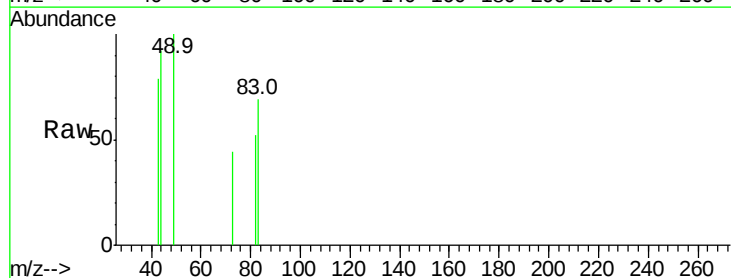
Tgt Ion: 82 Resp: 65

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

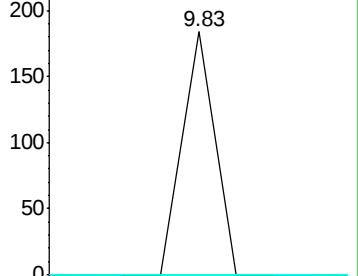
138 0.0 12.1 18.1#



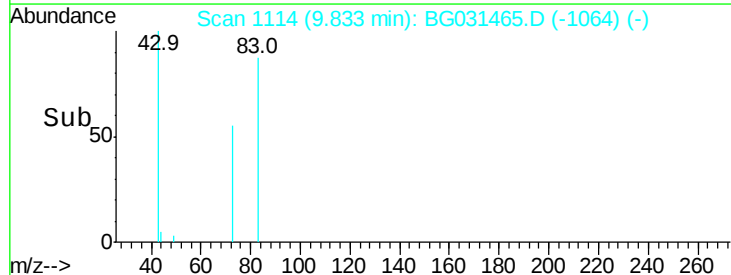
Abundance Ion 82.00 (81.70 to 82.70): BGC

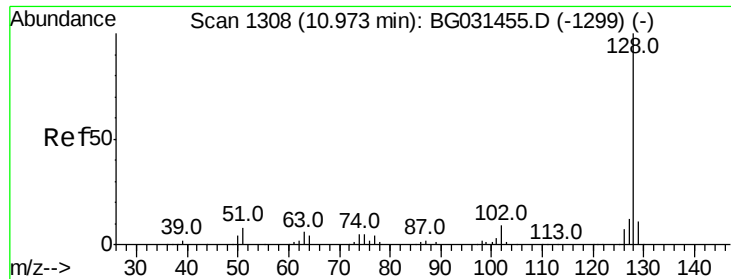
Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



Time-->

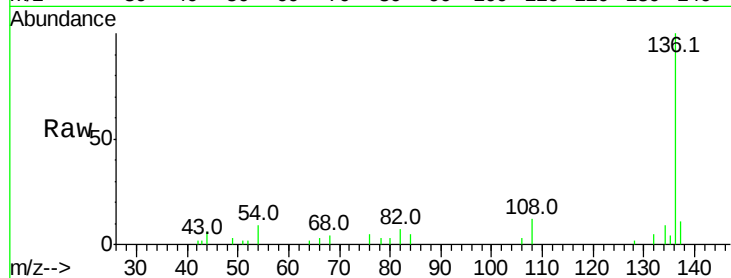




#31
Naphthalene
Concen: 0.005 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

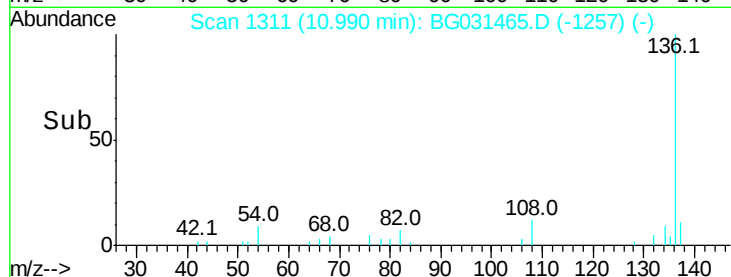
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 53
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#

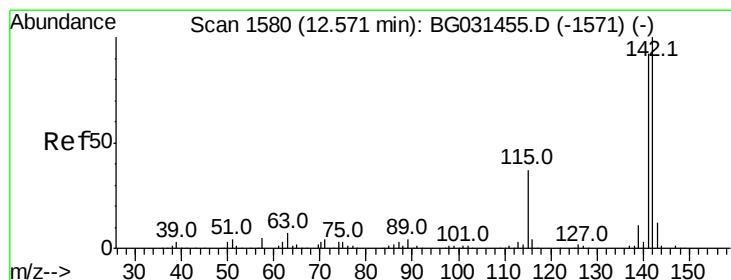


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.99

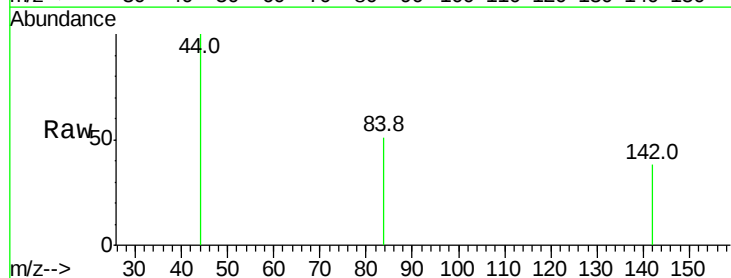


Time-->



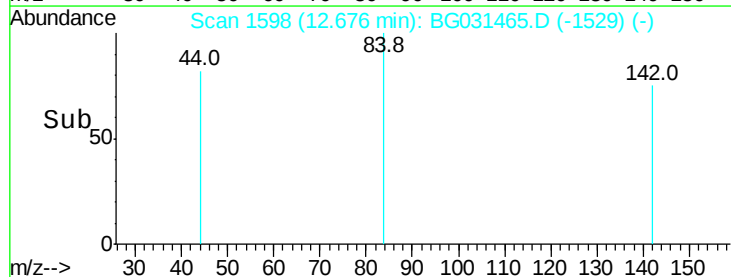
#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.68 min Scan# 1598
Delta R.T. 0.10 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
141 0.0 67.1 100.7#
115 0.0 30.7 46.1#

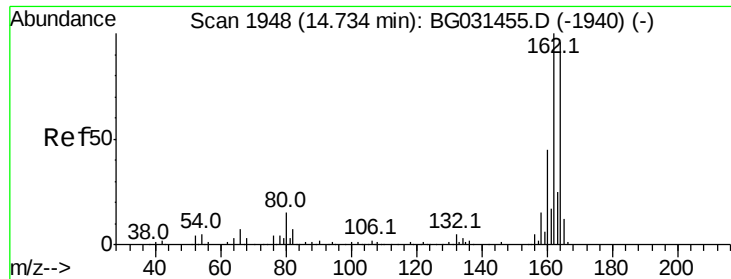


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

12.68



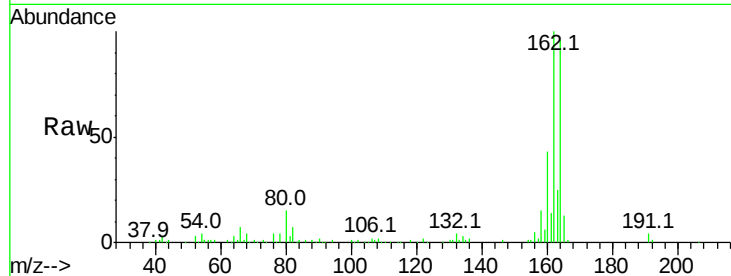
Time-->



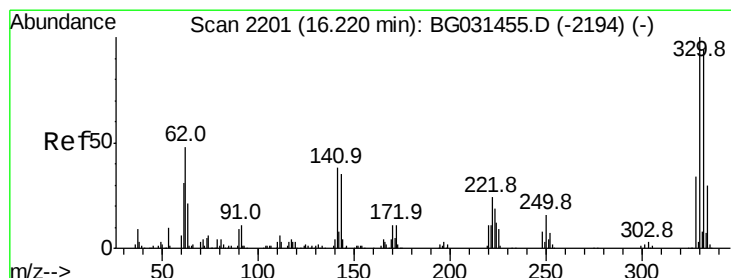
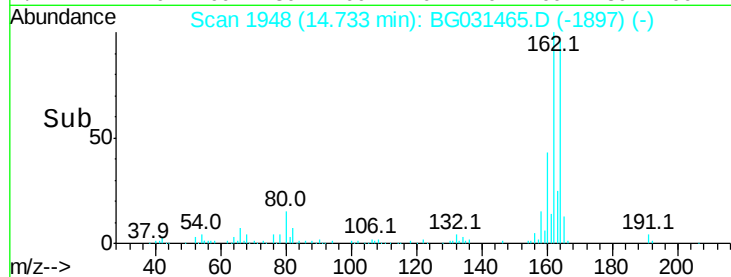
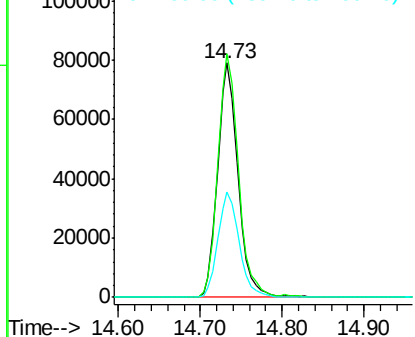
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 137759
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 44.8 35.4 53.0

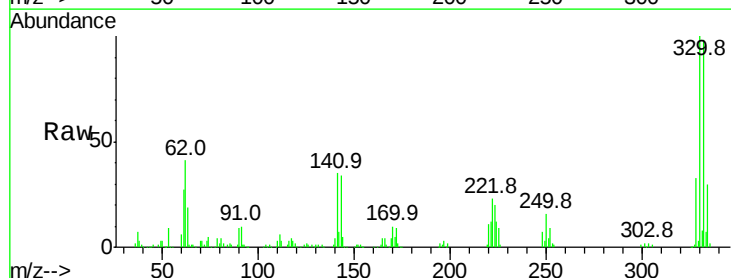


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

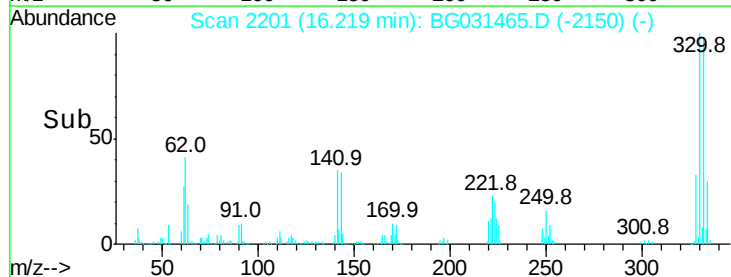
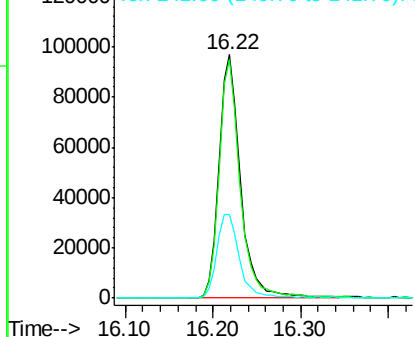


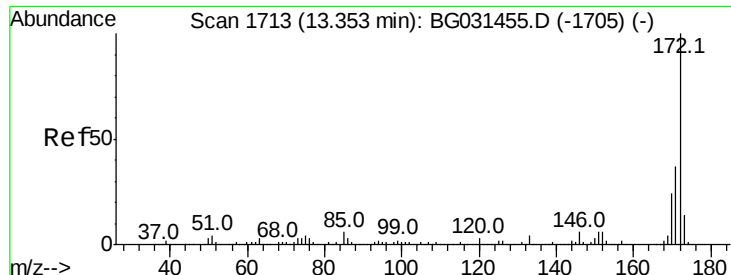
#41
2,4,6-Tribromophenol
Concen: 102.240 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion:330 Resp: 165005
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 35.8 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

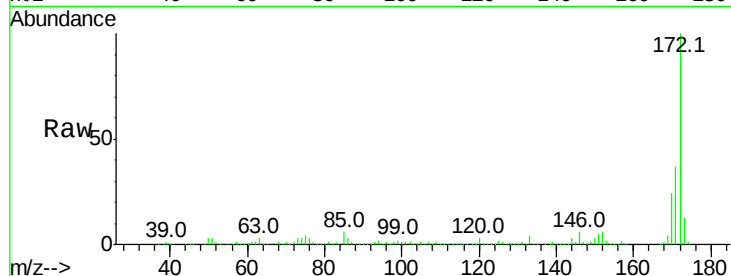




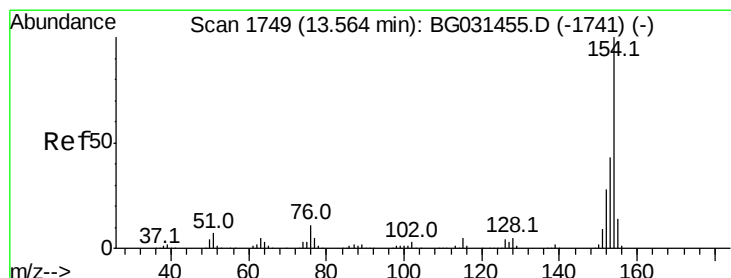
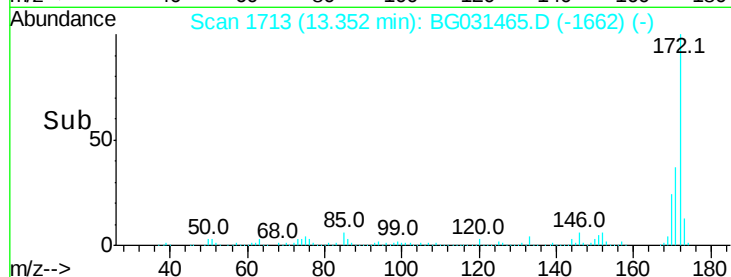
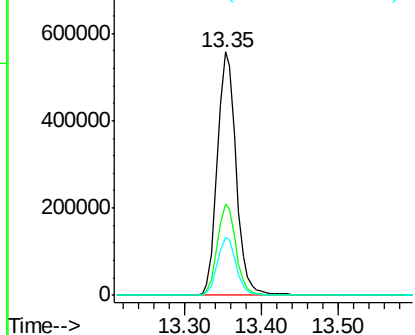
#44
 2-Fluorobiphenyl
 Concen: 100.059 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031465.D
 Acq: 11 Dec 2017 21:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 939046
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.8 19.5 29.3

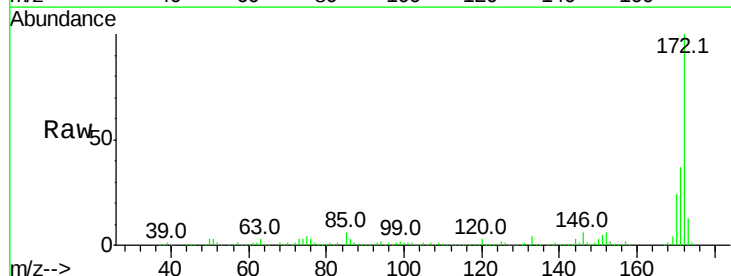


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

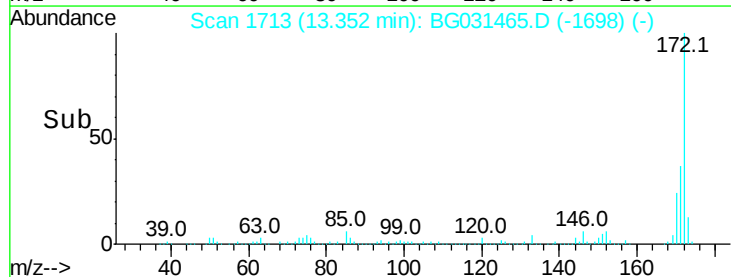
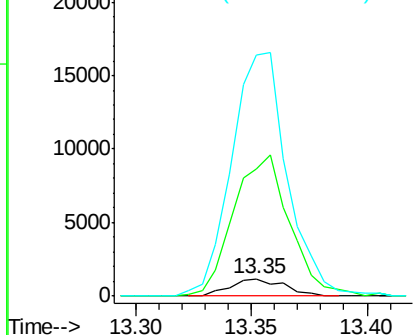


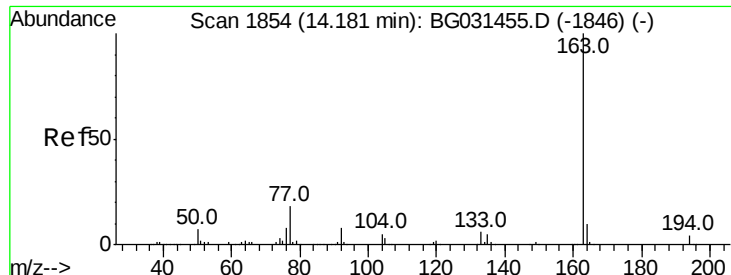
#45
 1,1'-Biphenyl
 Concen: 0.165 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.21 min
 Lab File: BG031465.D
 Acq: 11 Dec 2017 21:07

Tgt Ion:154 Resp: 1862
 Ion Ratio Lower Upper
 154 100
 153 734.4 19.8 59.8#
 76 1395.2 0.0 31.9#



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: 1.092 ng

RT: 14.20 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

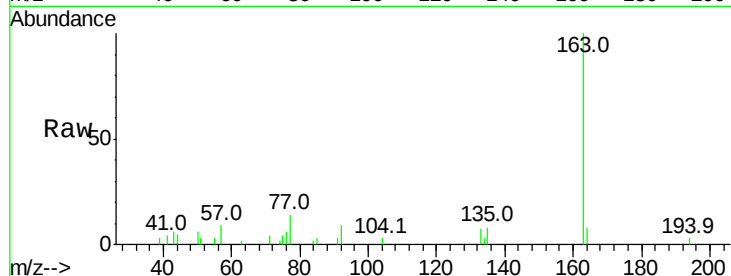
Tot Ion:163 Resp: 12456

Ion Ratio Lower Upper

163 100

194 3.1 3.4 5.2#

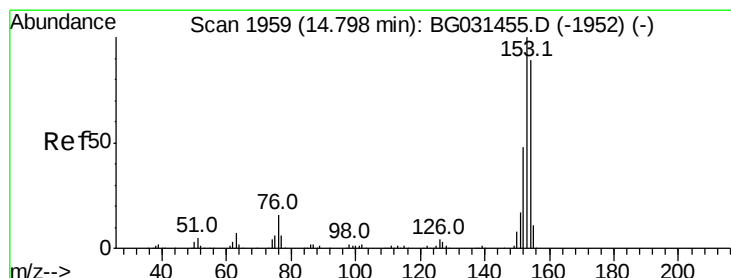
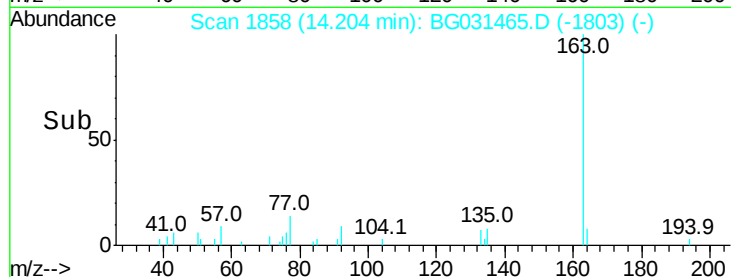
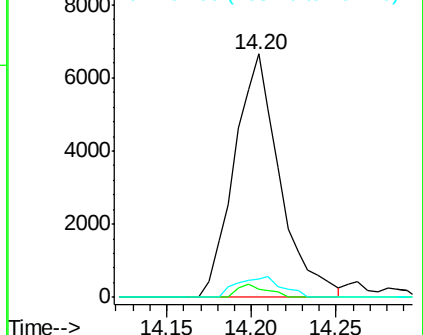
164 7.6 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 0.062 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.07 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

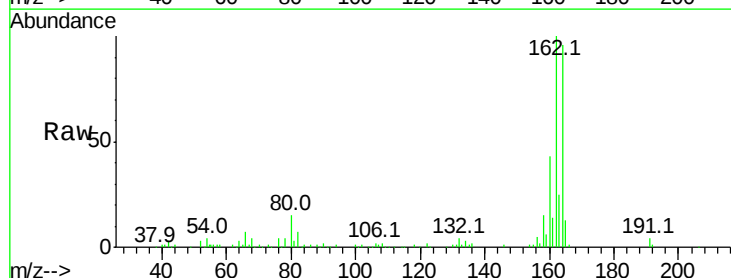
Tgt Ion:154 Resp: 522

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

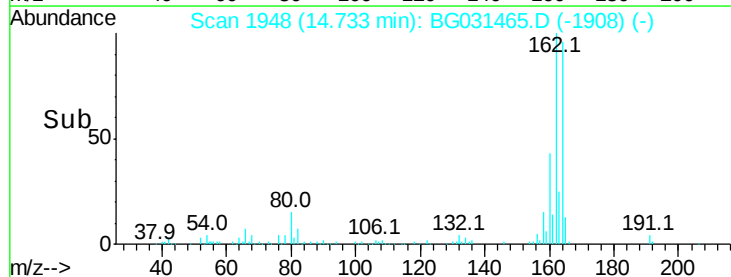
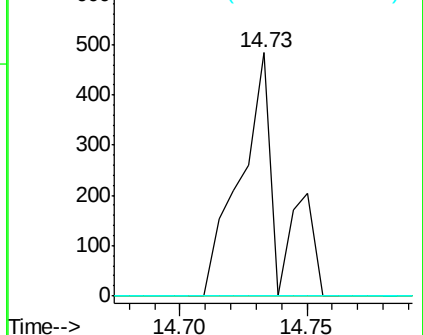
152 0.0 41.6 62.4#

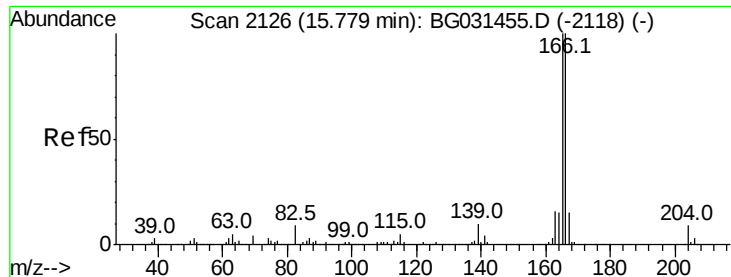


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 0.005 ng

RT: 15.83 min Scan# 2135

Delta R.T. 0.05 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

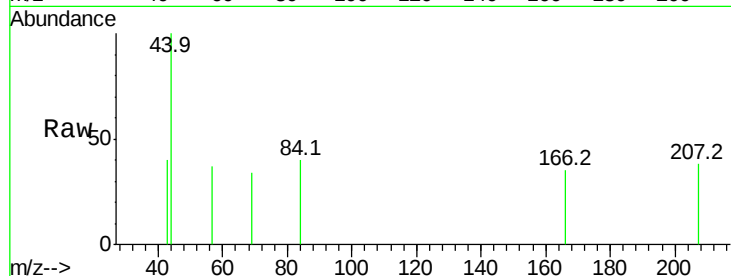
Tot Ion:166 Resp: 54

Ion Ratio Lower Upper

166 100

165 0.0 80.6 121.0#

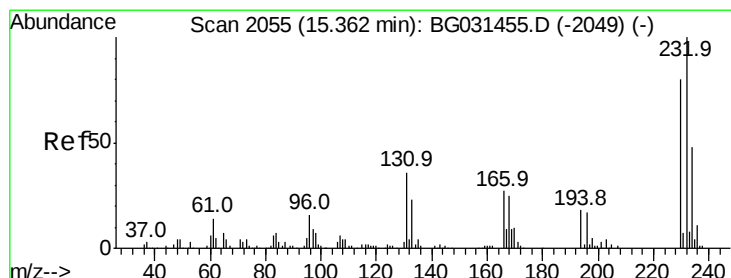
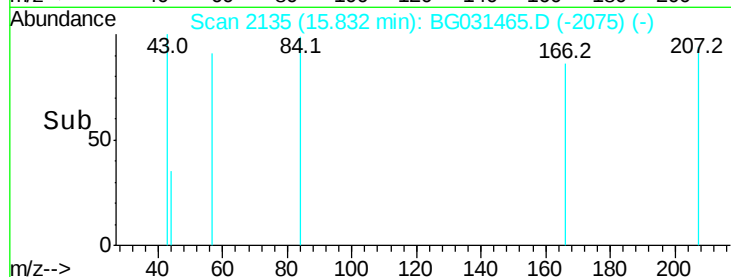
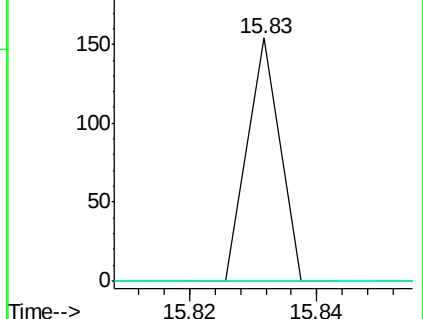
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.020 ng

RT: 15.52 min Scan# 2082

Delta R.T. 0.16 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Tgt Ion:232 Resp: 55

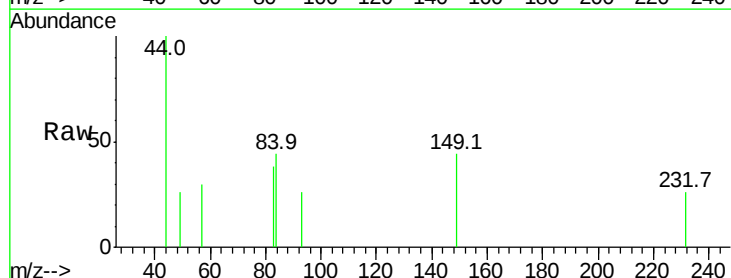
Ion Ratio Lower Upper

232 100

131 0.0 33.5 50.3#

130 0.0 2.2 3.2#

166 0.0 24.8 37.2#

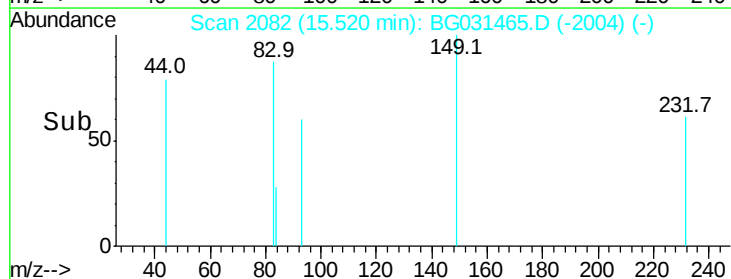
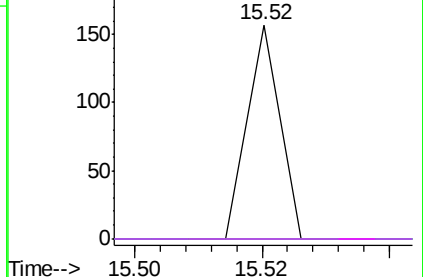


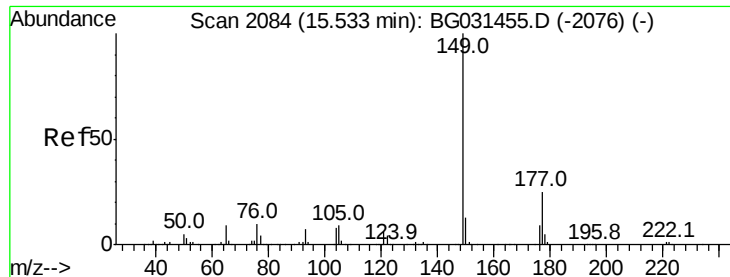
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

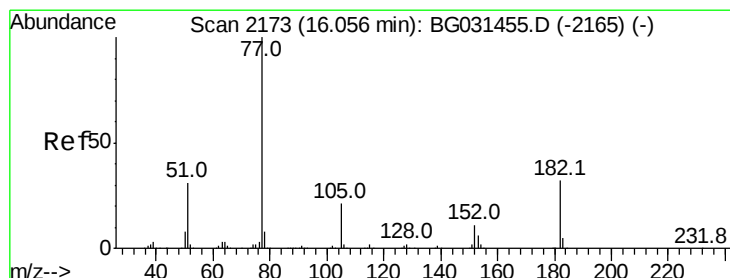
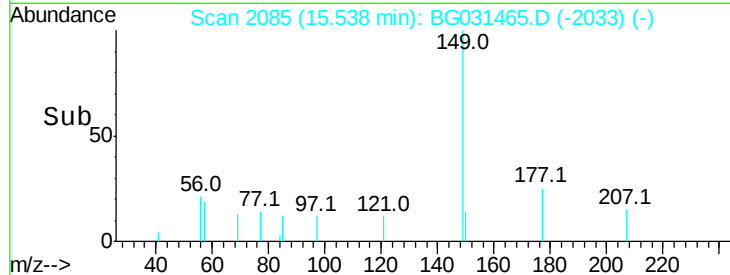
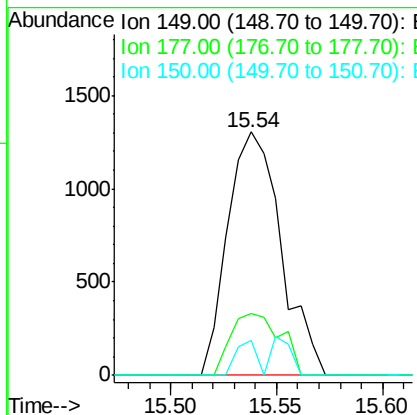
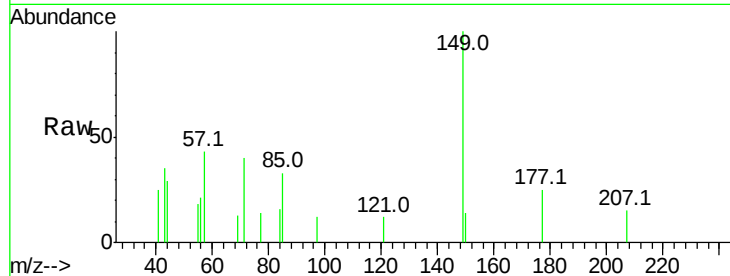




#59
 Diethylphthalate
 Concen: 0.200 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.01 min
 Lab File: BG031465.D
 Acq: 11 Dec 2017 21:07

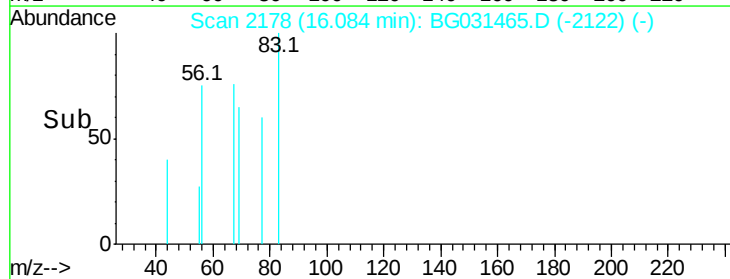
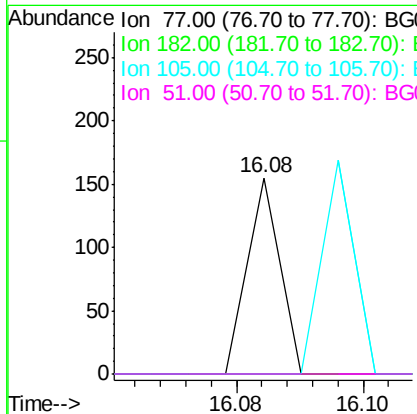
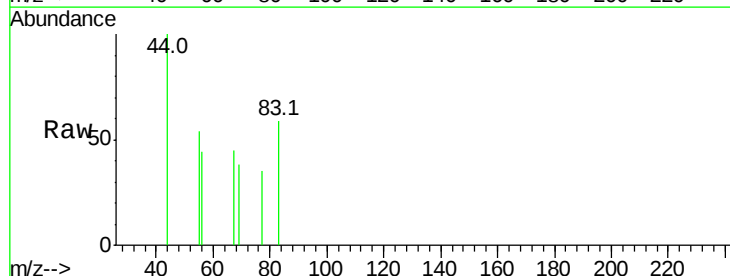
Instrument :
 BNA_G
 ClientSampleId :

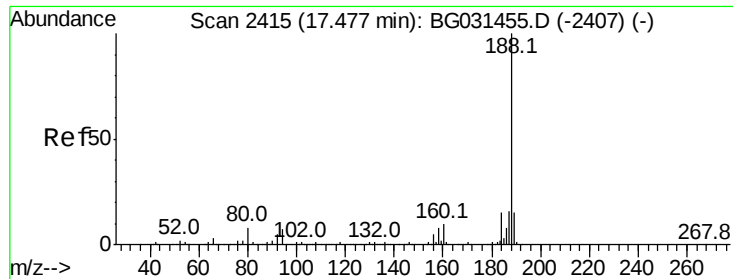
Tot Ion:	149	Resp:	2287
Ion Ratio	Lower	Upper	
149	100		
177	25.4	18.5	27.7
150	14.3	10.2	15.2



#62
 Azobenzene
 Concen: 0.006 ng
 RT: 16.08 min Scan# 2178
 Delta R.T. 0.03 min
 Lab File: BG031465.D
 Acq: 11 Dec 2017 21:07

Tgt Ion:	77	Resp:	55
Ion Ratio	Lower	Upper	
77	100		
182	0.0	7.4	47.4#
105	0.0	0.3	40.3#
51	0.0	11.6	51.6#

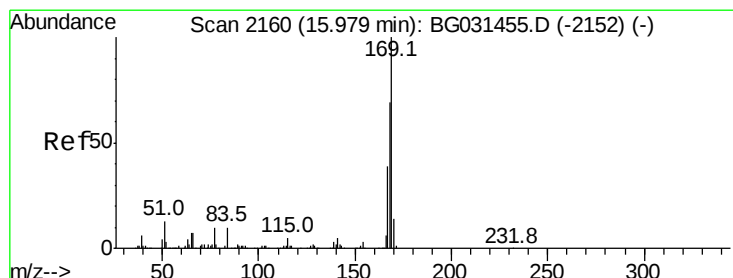
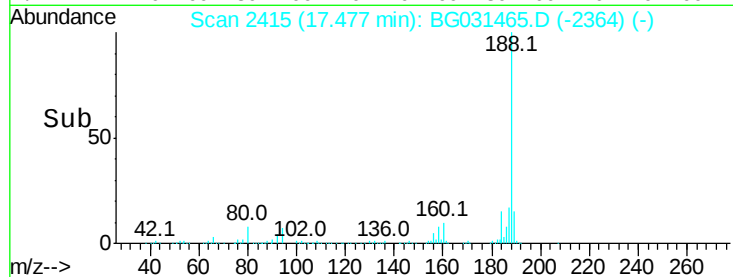
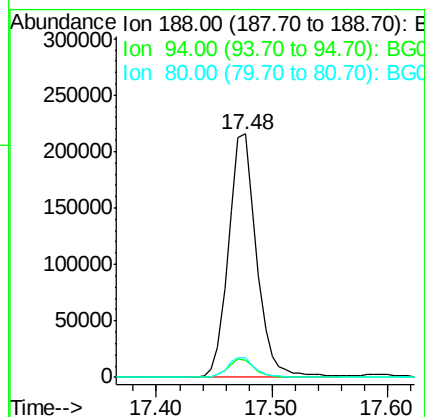
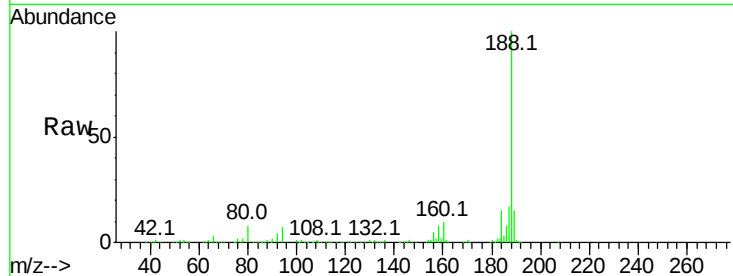




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

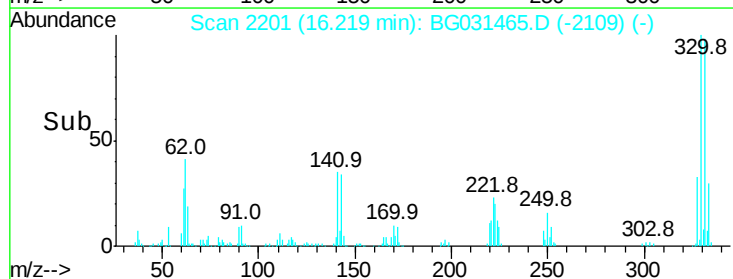
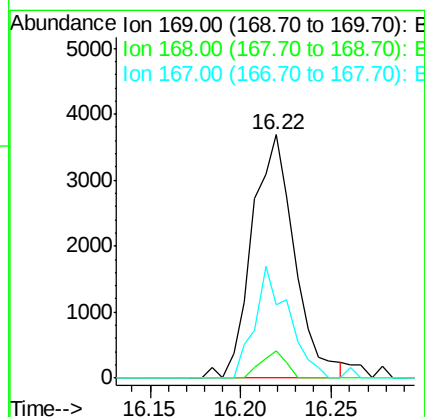
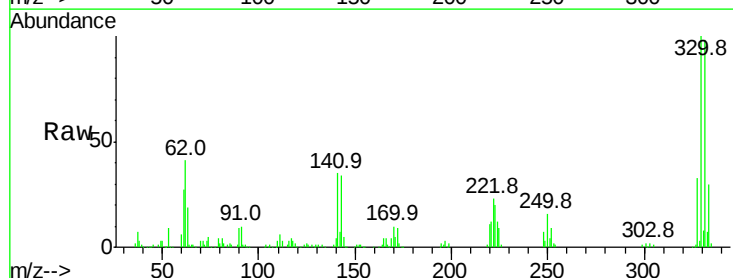
Instrument :
BNA_G
ClientSampled :

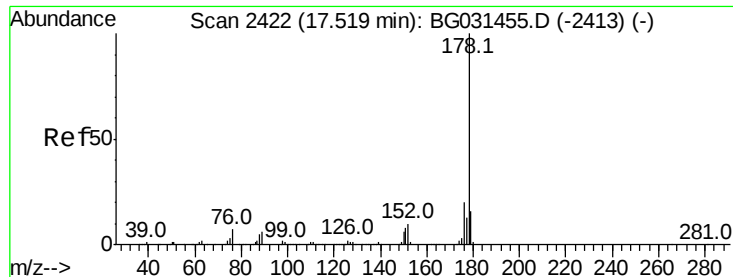
Tot Ion:188 Resp: 362878
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.9 7.7 11.5



#65
n-Nitrosodiphenylamine
Concen: 0.565 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.24 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion:169 Resp: 6003
Ion Ratio Lower Upper
169 100
168 11.3 55.7 83.5#
167 41.4 30.1 45.1





#70

Phenanthrene

Concen: 0.020 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

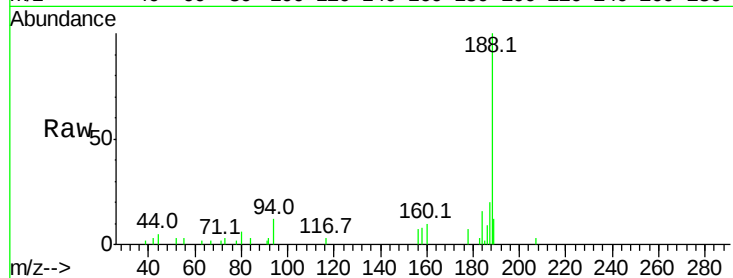
Tot Ion:178 Resp: 382

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 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

600

400

200

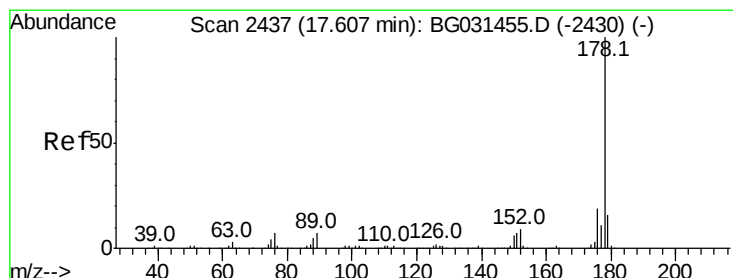
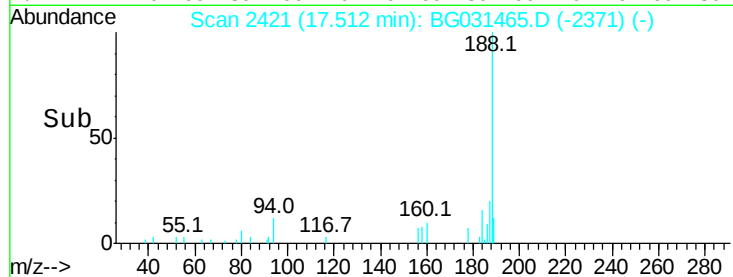
0

17.51

17.52

17.54

Time-->



#71

Anthracene

Concen: 0.020 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.09 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

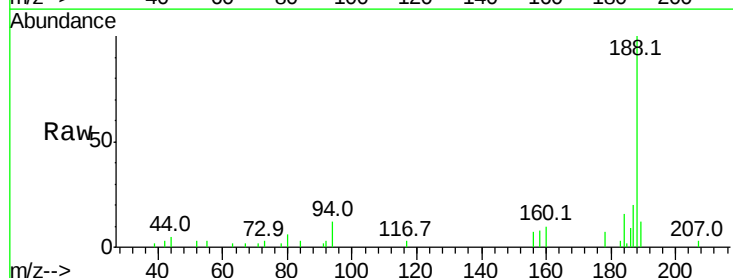
Tgt Ion:178 Resp: 382

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 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

600

400

200

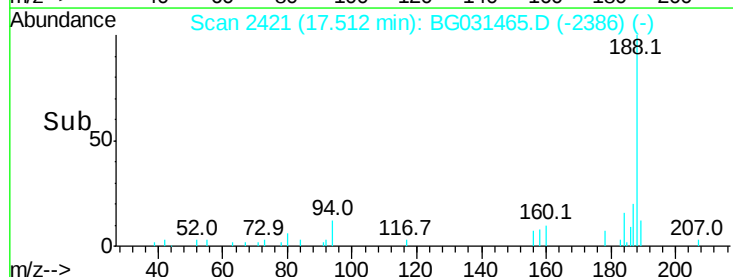
0

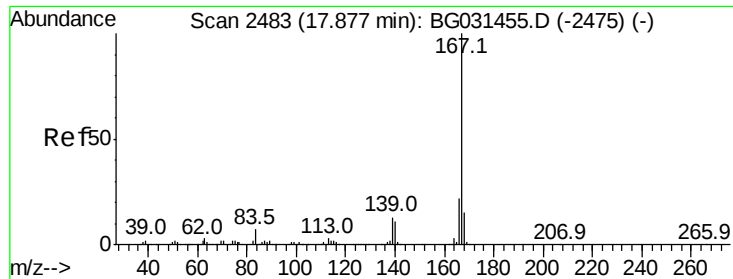
17.51

17.52

17.54

Time-->





#72

Carbazole

Concen: 0.004 ng

RT: 17.93 min Scan# 2492

Delta R.T. 0.05 min

Lab File: BG031465.D

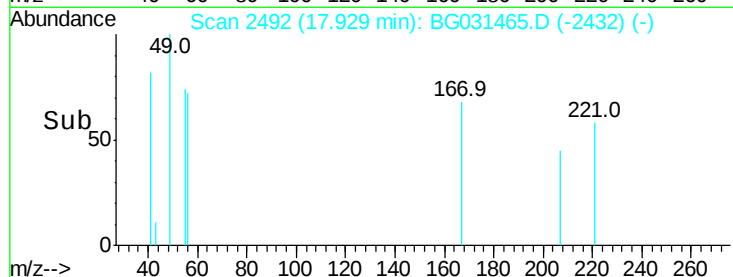
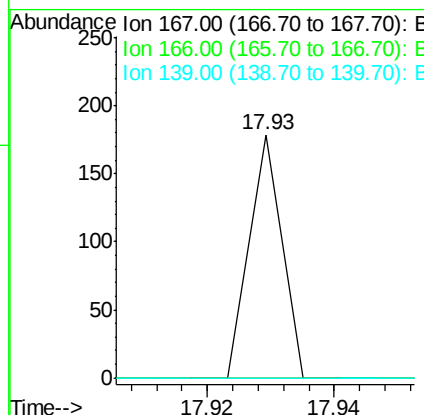
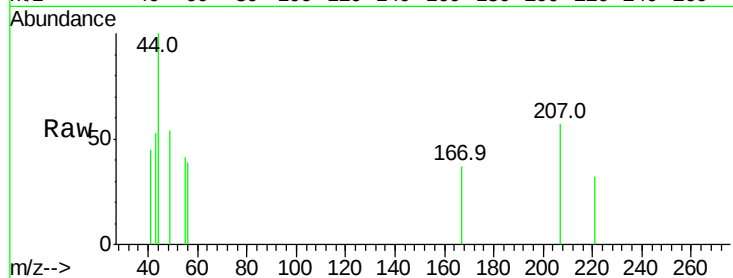
Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	9.4	14.2#



#73

Di-n-butylphthalate

Concen: 0.057 ng

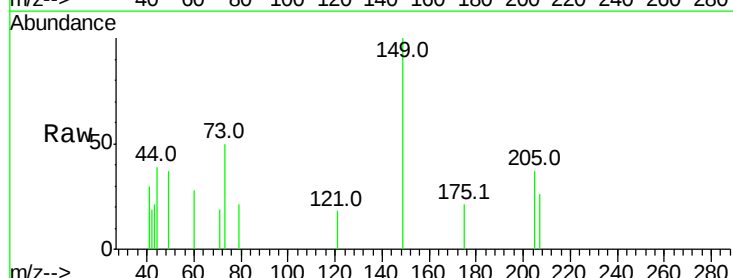
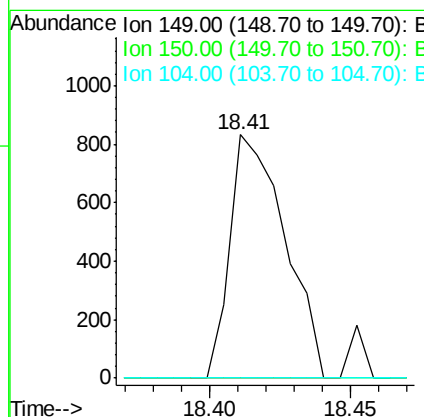
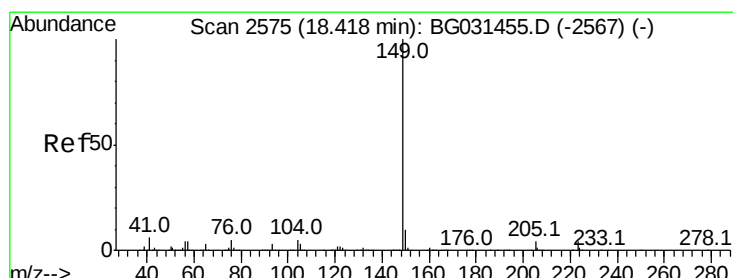
RT: 18.41 min Scan# 2574

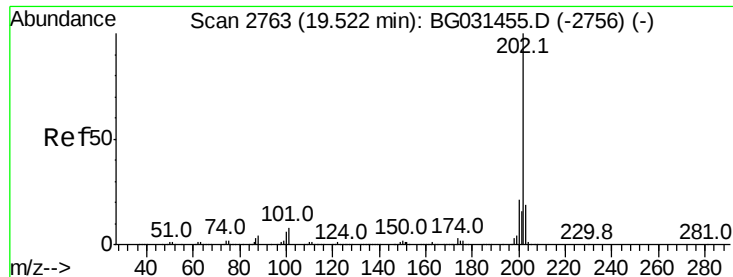
Delta R.T. -0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#





#74

Fluoranthene

Concen: 0.093 ng

RT: 19.53 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BG031465.D

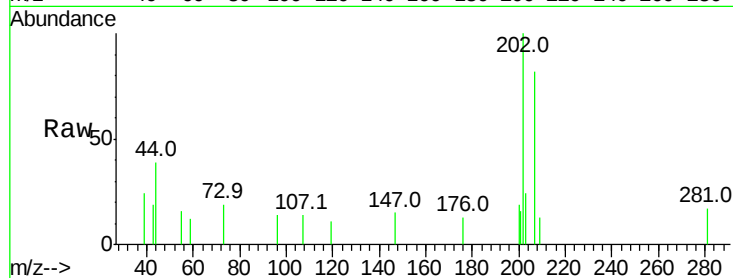
Acq: 11 Dec 2017 21:07

Instrument :

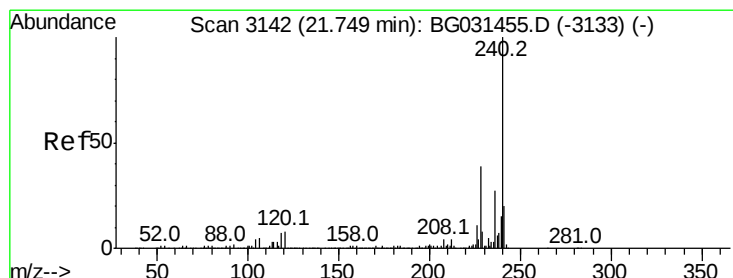
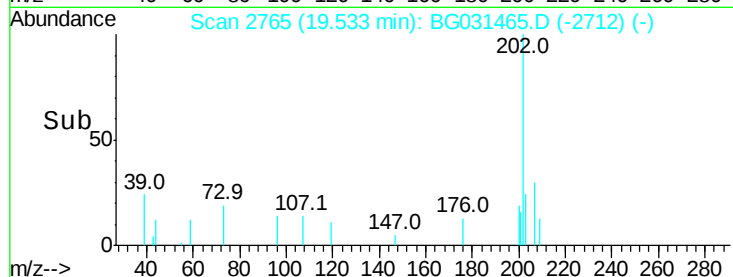
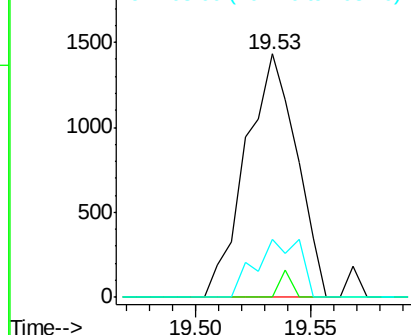
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	2201
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	23.8	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

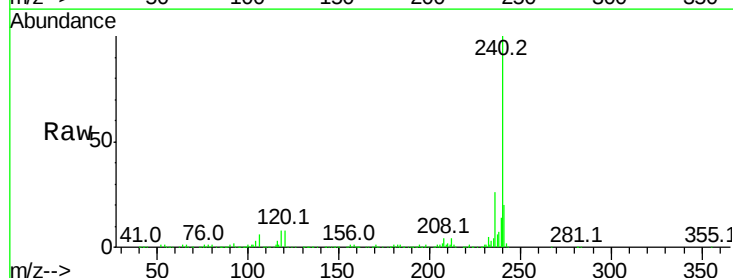
RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

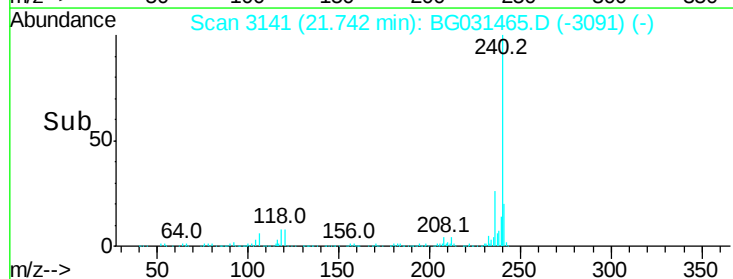
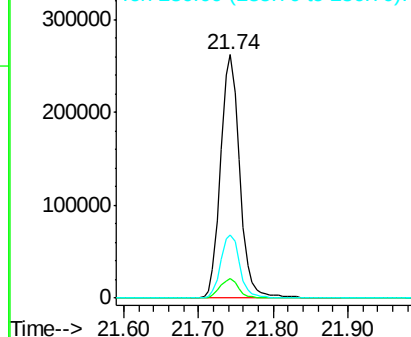
Lab File: BG031465.D

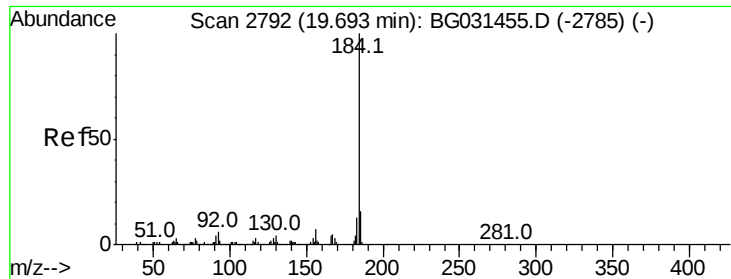
Acq: 11 Dec 2017 21:07

Tgt Ion:	240	Resp:	468203
Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	26.1	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: 0.005 ng

RT: 19.86 min Scan# 2820

Delta R.T. 0.16 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

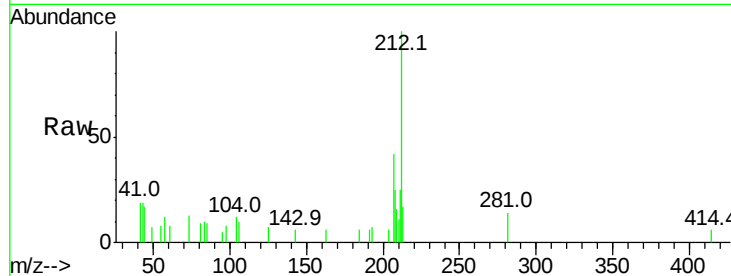
Tot Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

183 0.0 10.6 16.0#

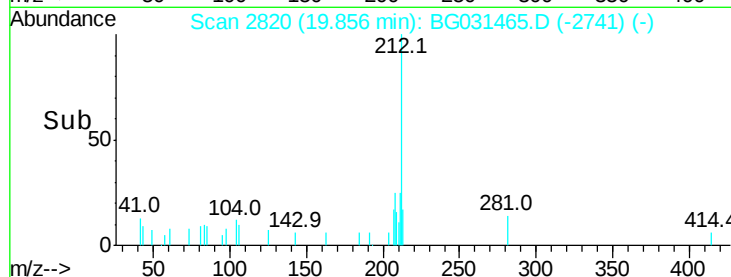


Abundance Ion 184.00 (183.70 to 184.70): E

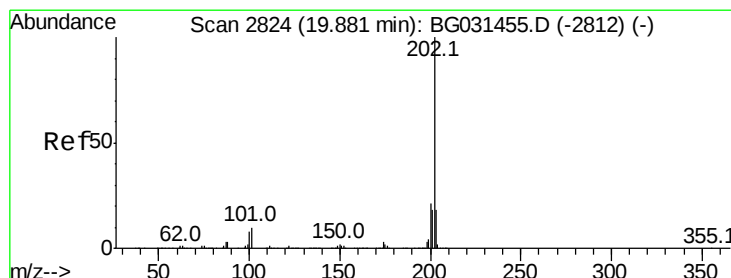
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.86



Time-->



#77

Pyrene

Concen: 0.090 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

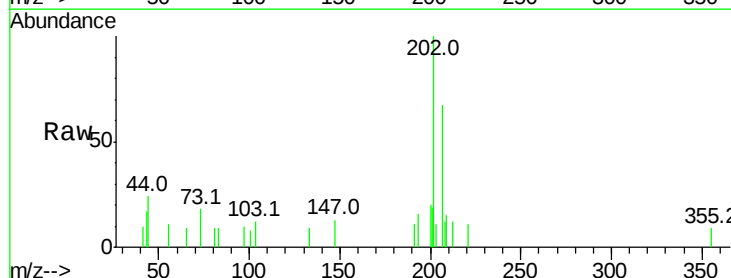
Tgt Ion:202 Resp: 2604

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

203 10.7 13.9 20.9#

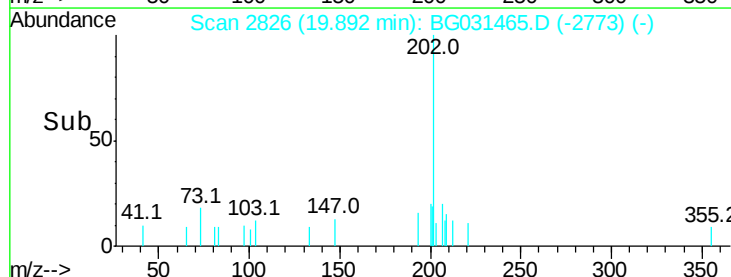


Abundance Ion 202.00 (201.70 to 202.70): E

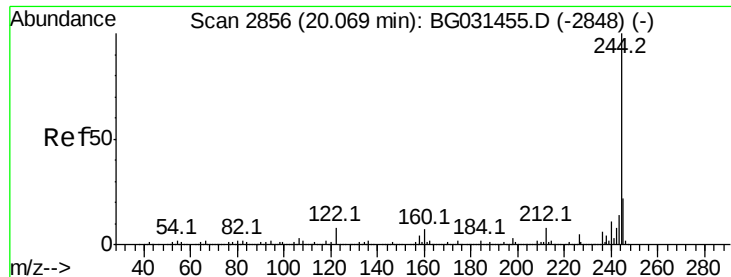
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.89



Time-->



#78

Terphenyl-d14

Concen: 84.403 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

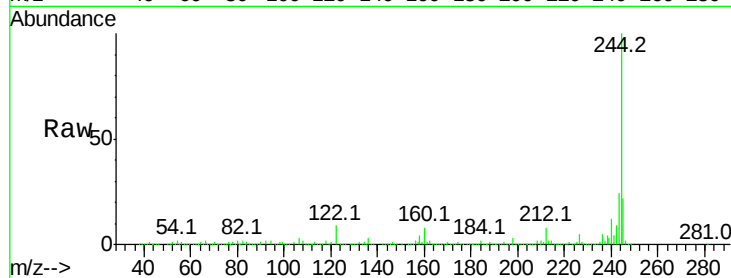
Tot Ion:244 Resp: 1736916

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

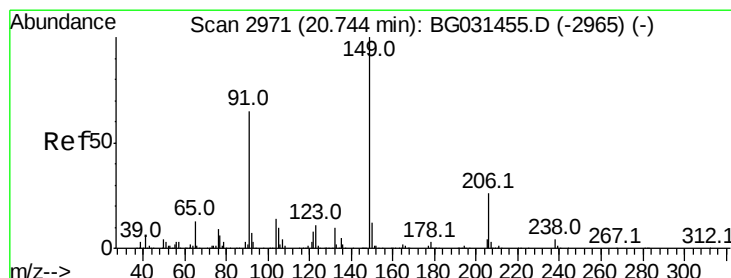
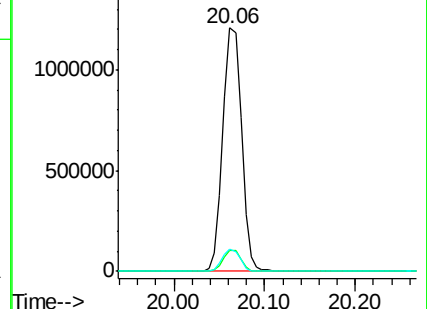
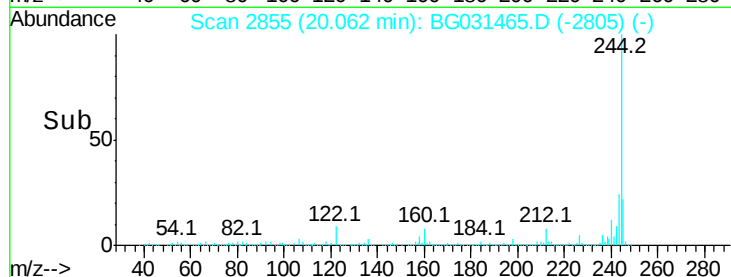
122 9.2 7.0 10.4



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



#79

Butylbenzylphthalate

Concen: 0.011 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

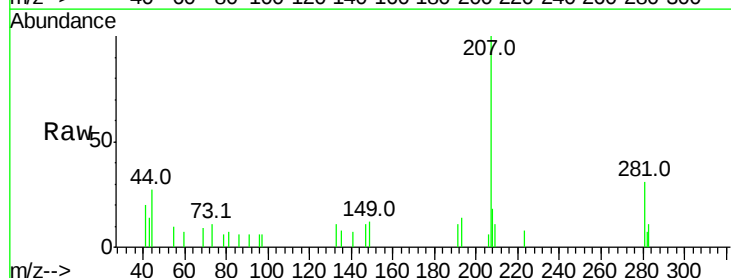
Tgt Ion:149 Resp: 115

Ion Ratio Lower Upper

149 100

91 47.9 62.2 93.2#

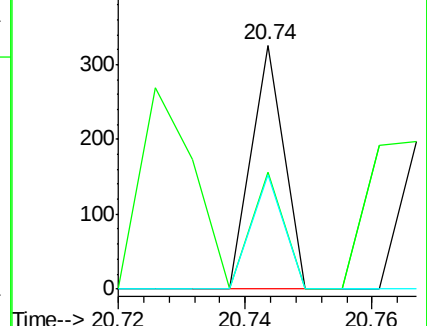
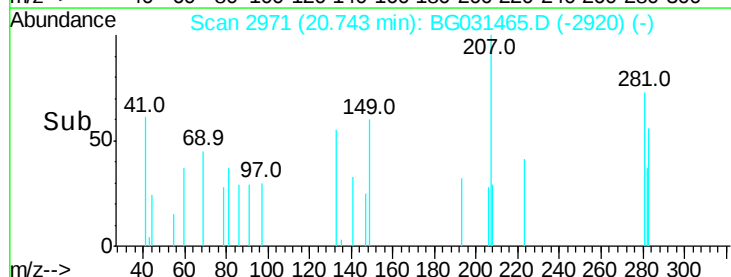
206 46.6 18.6 27.8#

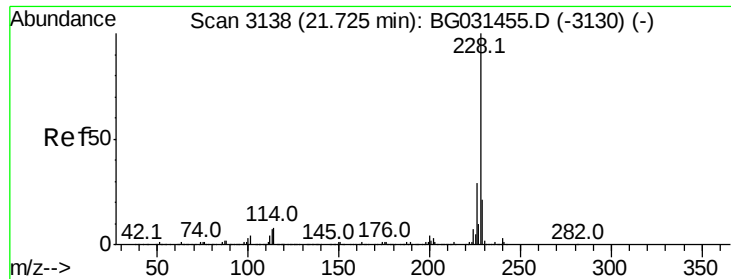


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

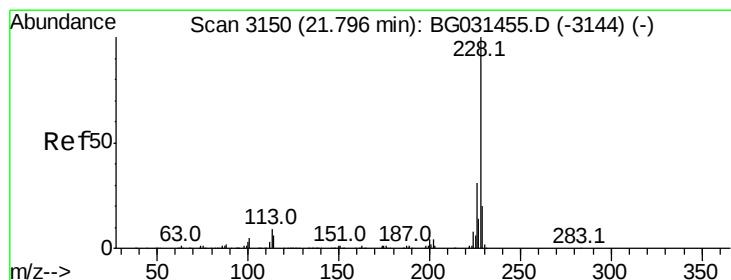
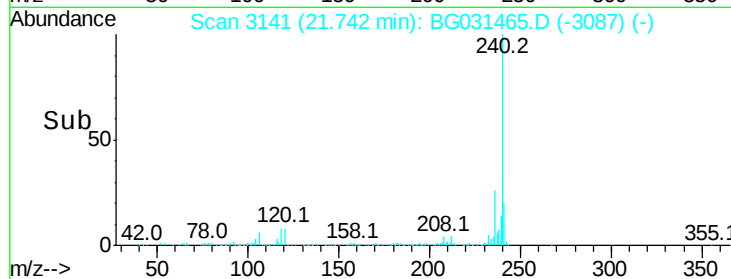
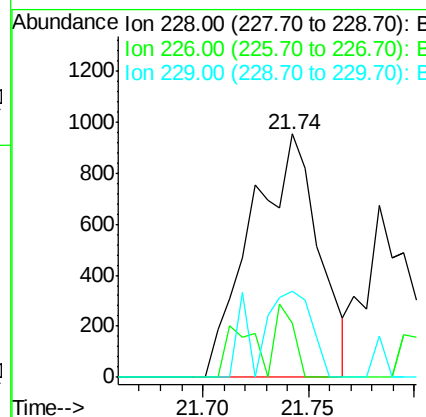
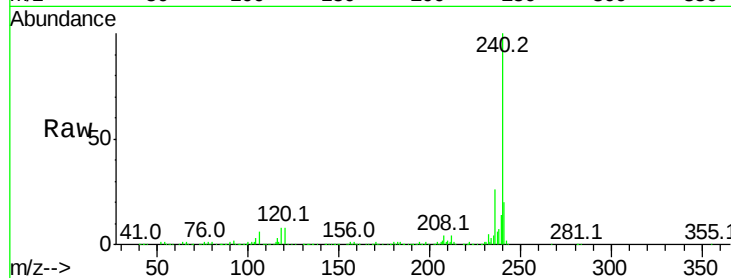




#80
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.02 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

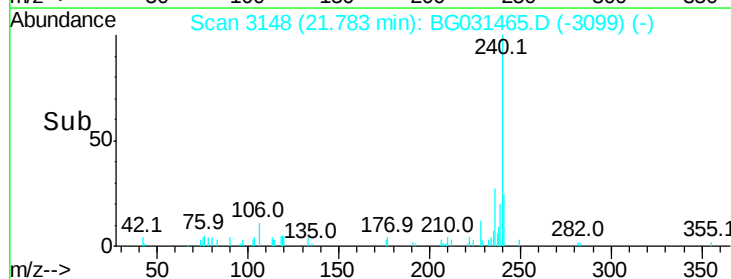
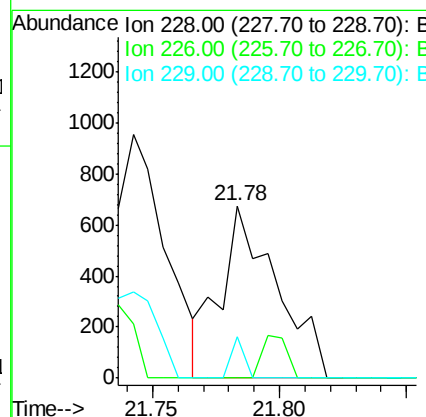
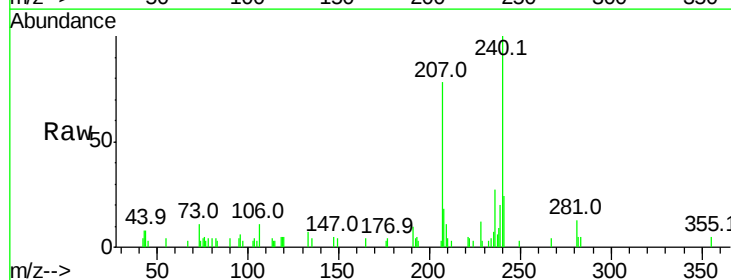
Instrument :
BNA_G
ClientSampleId :

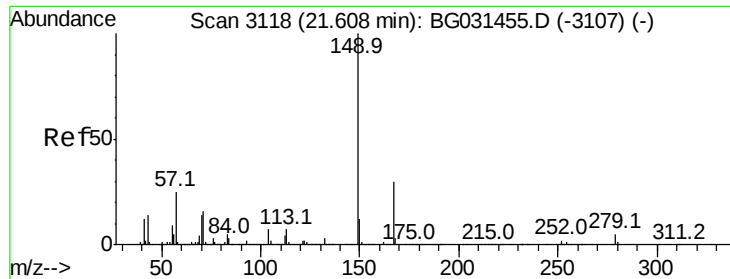
Tot Ion:228 Resp: 2102
Ion Ratio Lower Upper
228 100
226 22.0 22.7 34.1#
229 35.5 16.2 24.2#



#82
Chrysene
Concen: 0.038 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion:228 Resp: 1040
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 24.0 15.0 22.4#

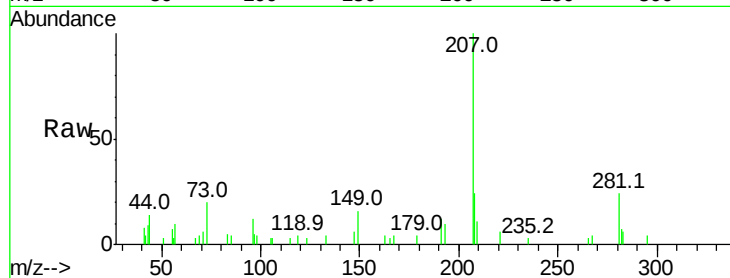




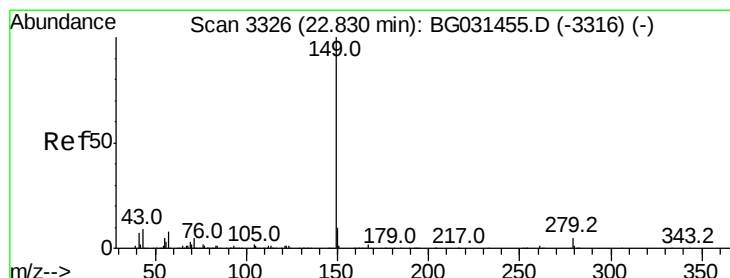
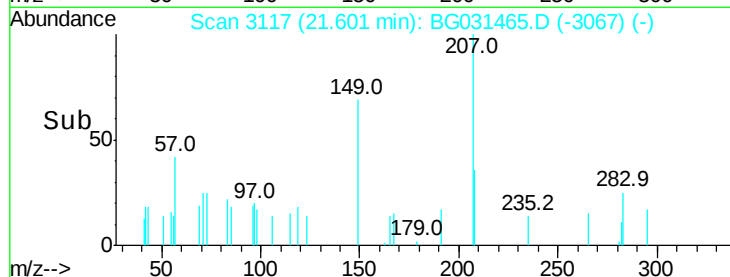
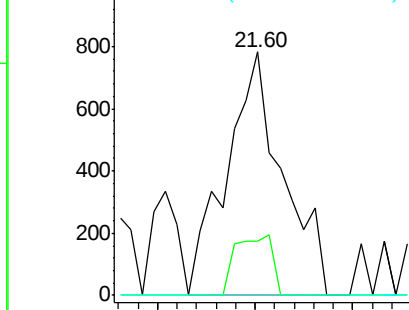
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031465.D
 Acq: 11 Dec 2017 21:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.3	24.3	36.5#
279	0.0	4.0	6.0#

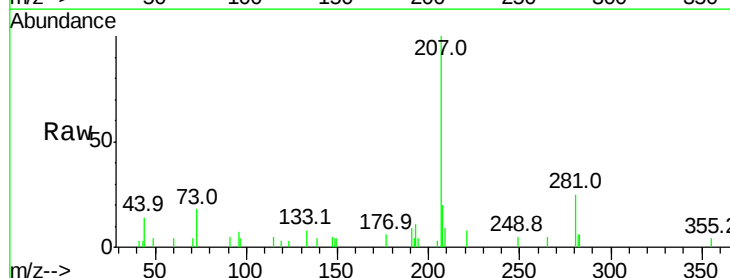


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

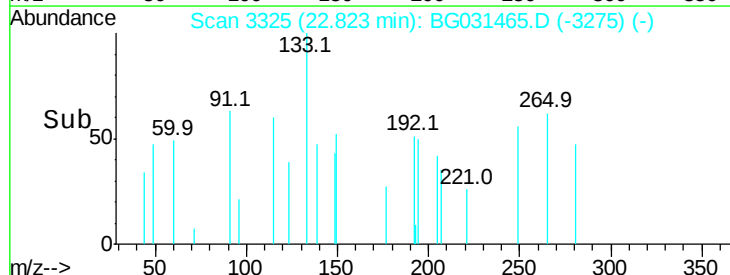
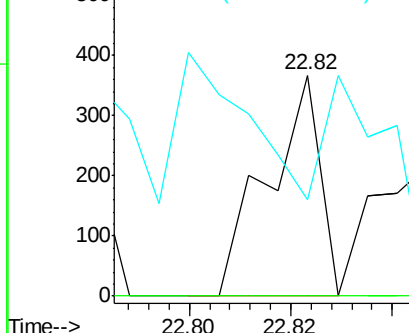


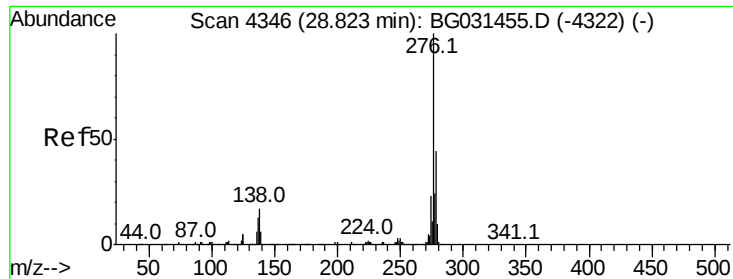
#84
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031465.D
 Acq: 11 Dec 2017 21:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	123.3	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): BG

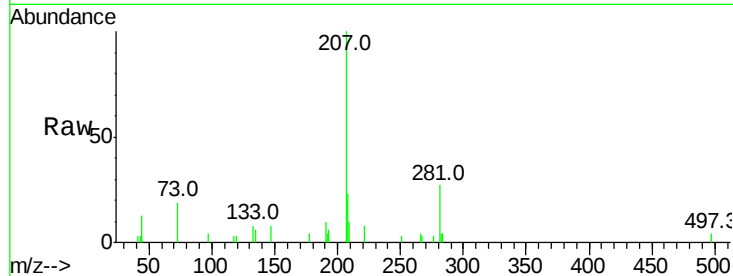




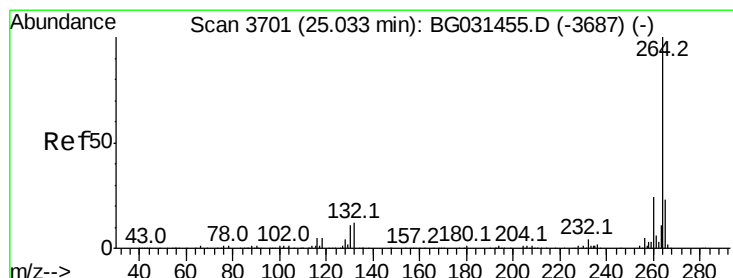
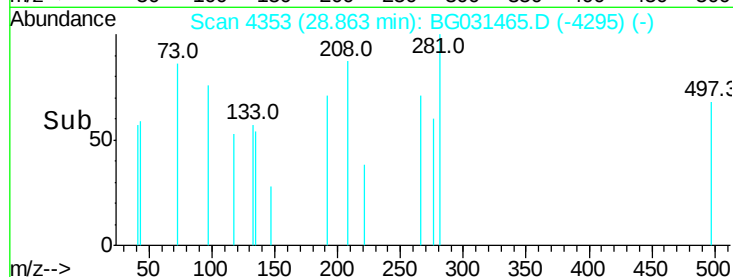
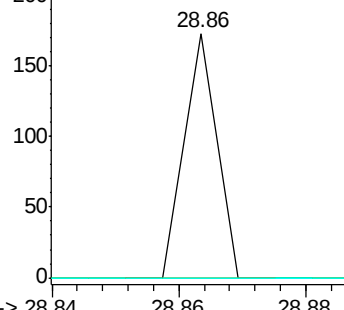
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.86 min Scan# 4353
Delta R.T. 0.04 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:276 Resp: 61
Ion Ratio Lower Upper
276 100
138 0.0 16.0 24.0#
277 0.0 20.0 30.0#

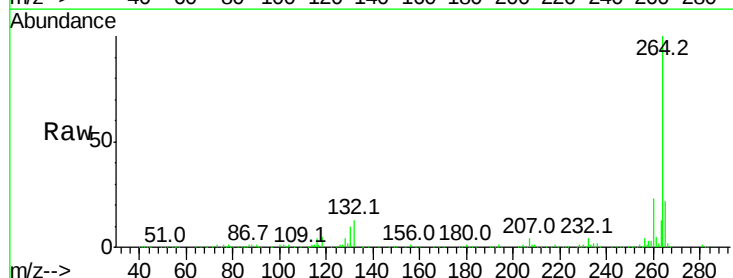


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

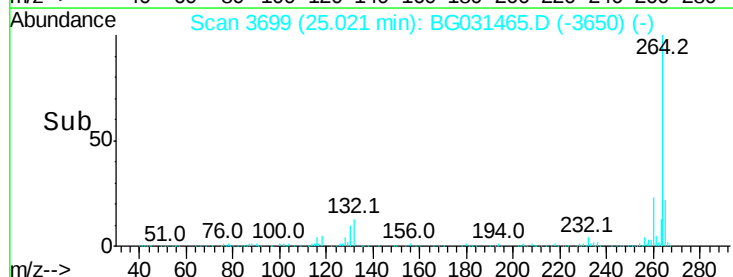
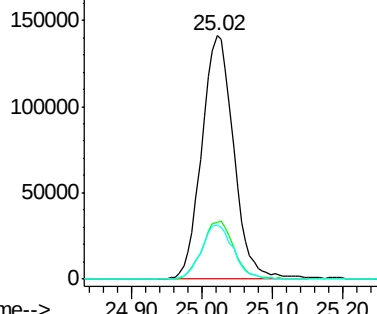


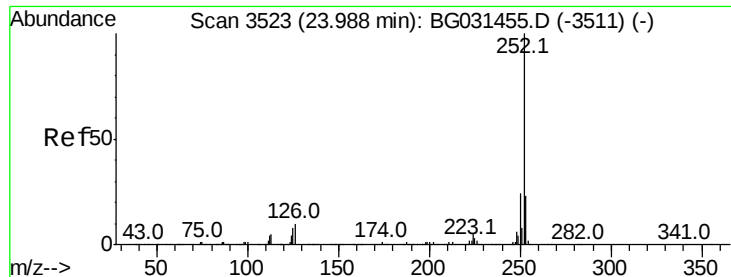
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031465.D
Acq: 11 Dec 2017 21:07

Tgt Ion:264 Resp: 444637
Ion Ratio Lower Upper
264 100
260 23.4 17.4 26.0
265 22.0 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: 0.033 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.02 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

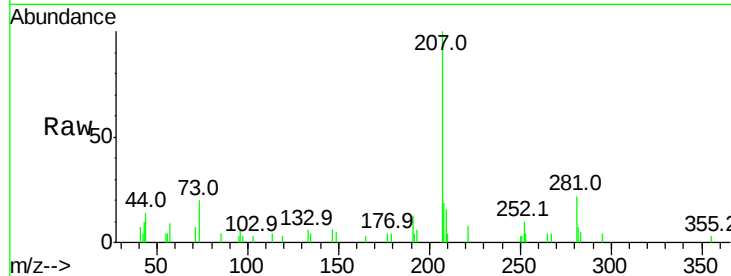
Tot Ion:252 Resp: 871

Ion Ratio Lower Upper

252 100

253 44.6 18.2 27.4#

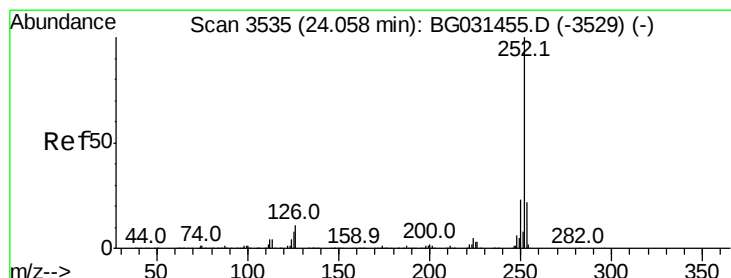
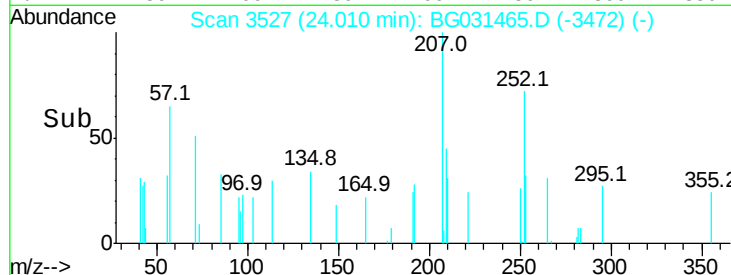
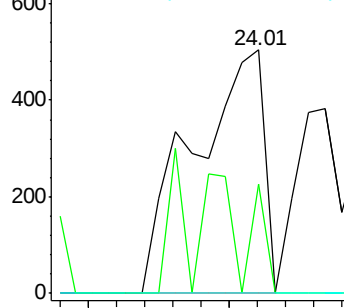
125 0.0 7.2 10.8#



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: 0.021 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

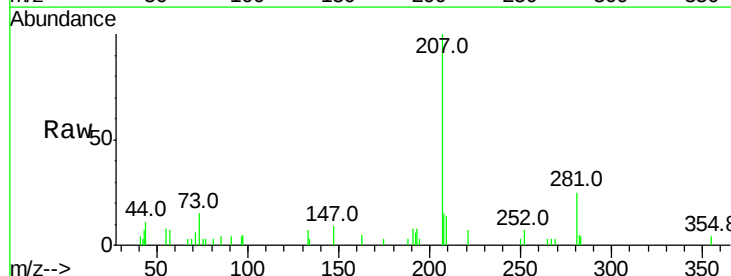
Tgt Ion:252 Resp: 575

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

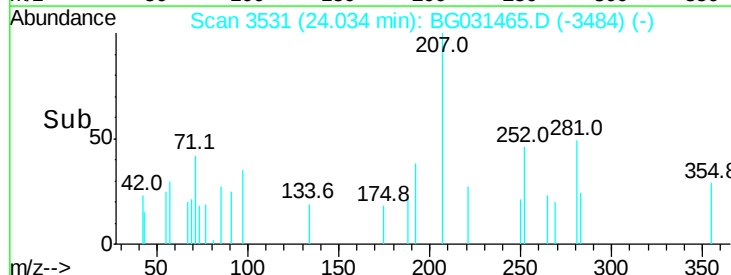
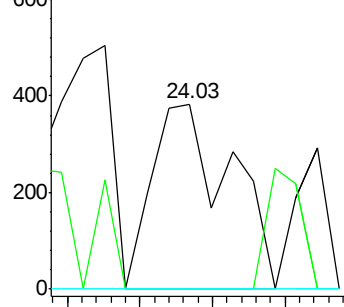
125 0.0 6.6 9.8#

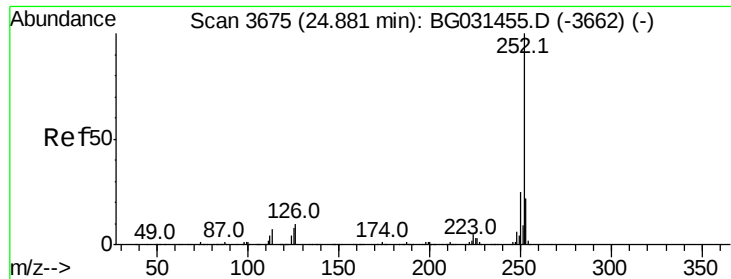


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.009 ng

RT: 24.89 min Scan# 3676

Delta R.T. 0.01 min

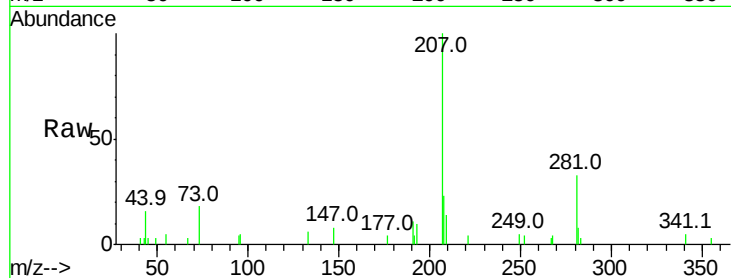
Lab File: BG031465.D

Acq: 11 Dec 2017 21:07

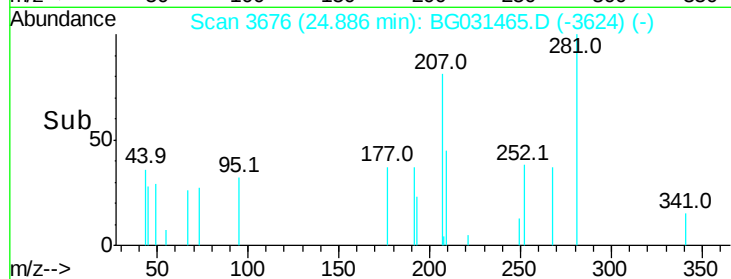
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	215
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#



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

