

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031463.D
 Acq On : 11 Dec 2017 19:52
 Operator : SJ/JU
 Sample : I6762-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:47:48 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	47194	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	202198	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	144443	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	413380	20.00	ng	0.00
75) Chrysene-d12	21.74	240	473786	20.00	ng	0.00
86) Perylene-d12	25.02	264	452535	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	120476	45.25	ng	0.00
7) Phenol-d6	7.28	99	104151	28.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	298846	91.10	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	181237	107.10	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	912362	92.72	ng	0.00
78) Terphenyl-d14	20.07	244	1831411	87.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	259	0.204	ng	# 55
3) Pyridine	4.19	79	89	0.027	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	60	0.038	ng	# 1
6) Aniline	7.64	93	76	0.016	ng	# 1
9) Benzaldehyde	7.28	77	56	0.026	ng	# 5
10) Phenol	7.31	94	2172	0.572	ng	# 78
11) bis(2-Chloroethyl)ether	7.64	93	76	0.025	ng	# 1
14) 1,2-Dichlorobenzene	8.43	146	125	0.036	ng	# 1
15) Benzyl Alcohol	8.43	79	4574	1.582	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.80	45	56	0.016	ng	# 75
18) Hexachloroethane	9.26	117	54	0.044	ng	# 1
24) Nitrobenzene	9.27	77	795	0.236	ng	# 32
25) Isophorone	9.80	82	57	0.009	ng	# 69
28) bis(2-Chloroethoxy)methane	10.26	93	53	0.013	ng	# 51
31) Naphthalene	10.97	128	64	0.006	ng	# 68
45) 1,1'-Biphenyl	13.35	154	1835	0.155	ng	# 1
49) Dimethylphthalate	14.20	163	13024	1.089	ng	# 98
51) Acenaphthene	14.80	154	583	0.066	ng	# 61
54) Dibenzofuran	15.16	168	103	0.007	ng	# 46
57) Fluorene	15.79	166	514	0.046	ng	# 47
59) Diethylphthalate	15.54	149	5397	0.450	ng	# 93
62) Azobenzene	15.94	77	64	0.006	ng	# 48
65) n-Nitrosodiphenylamine	16.22	169	6926	0.572	ng	# 50
70) Phenanthrene	17.52	178	1646	0.076	ng	# 62
71) Anthracene	17.63	178	213	0.010	ng	# 59
72) Carbazole	17.94	167	82	0.004	ng	# 59
73) Di-n-butylphthalate	18.42	149	1617	0.072	ng	# 80
74) Fluoranthene	19.53	202	2493	0.092	ng	# 88
76) Benzdine	19.75	184	64	0.006	ng	# 1
77) Pyrene	19.89	202	1956	0.066	ng	# 90
79) Butylbenzylphthalate	20.73	149	57	0.006	ng	# 20
80) Benzo(a)anthracene	21.74	228	1682	0.059	ng	# 51
81) 3,3'-Dichlorobenzidine	21.67	252	234	0.024	ng	# 26
82) Chrysene	21.79	228	200	0.007	ng	# 49

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
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Quant Time: Dec 12 03:47:48 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

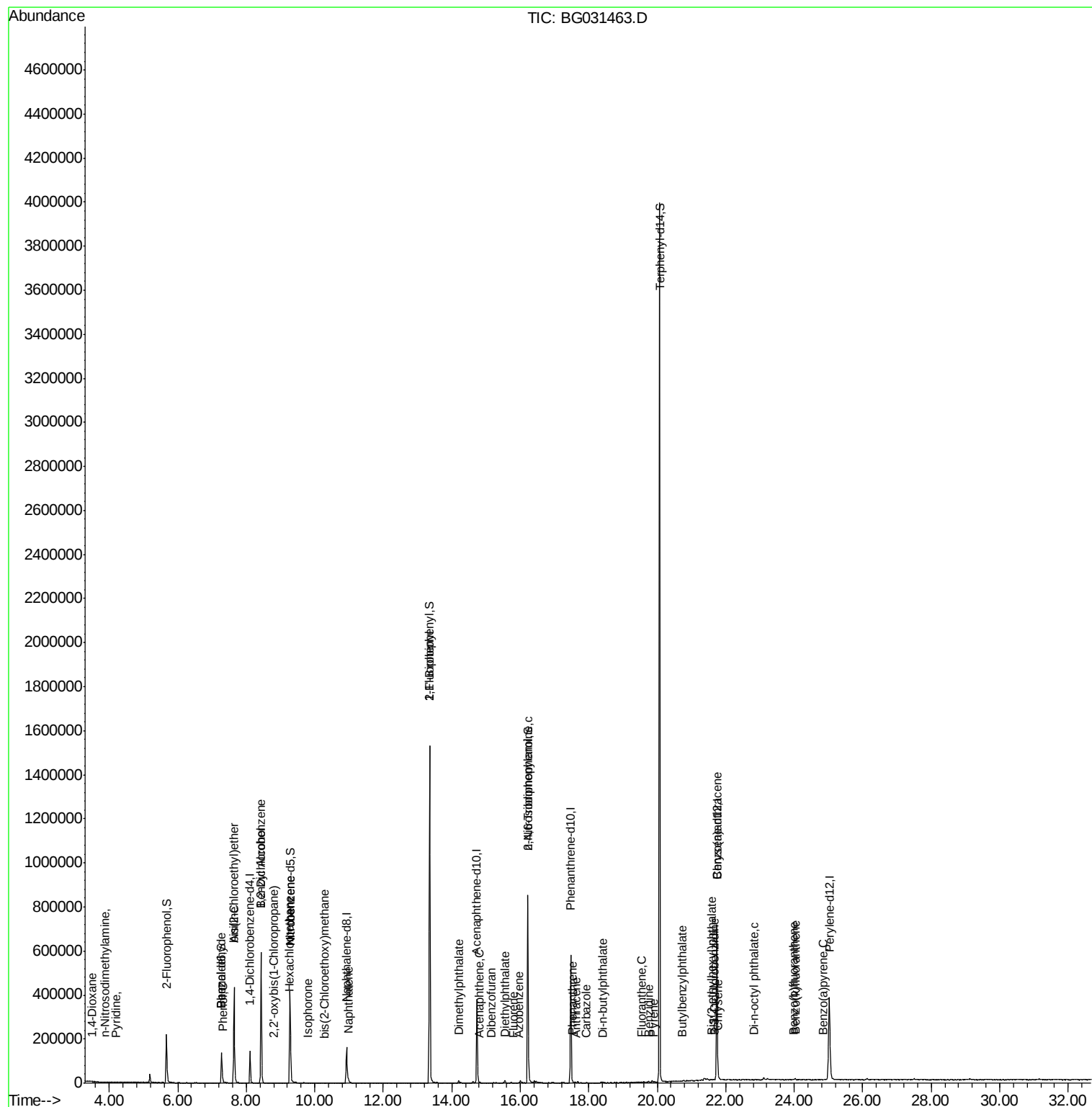
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.60	149	1210	0.081	ng	# 96
84) Di-n-octyl phthalate	22.83	149	377	0.015	ng	# 69
87) Benzo(b)fluoranthene	23.97	252	62	0.002	ng	# 59
88) Benzo(k)fluoranthene	24.03	252	176	0.006	ng	# 1
89) Benzo(a)pyrene	24.86	252	63	0.002	ng	# 59

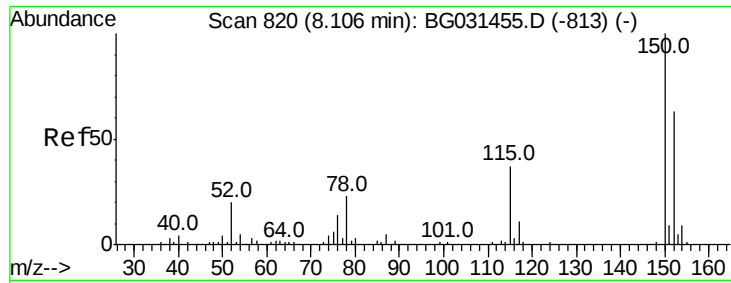
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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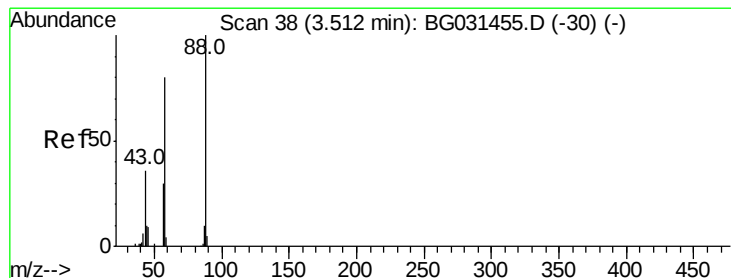
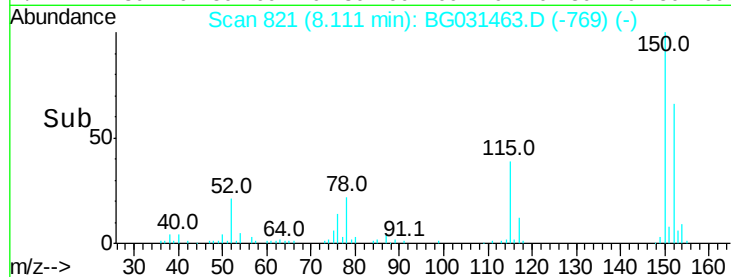
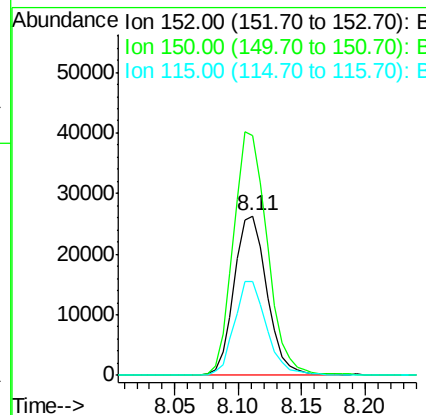
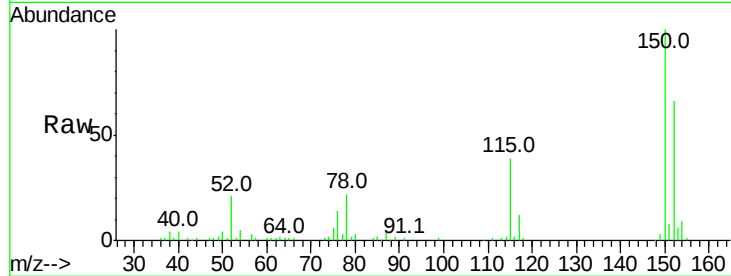


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

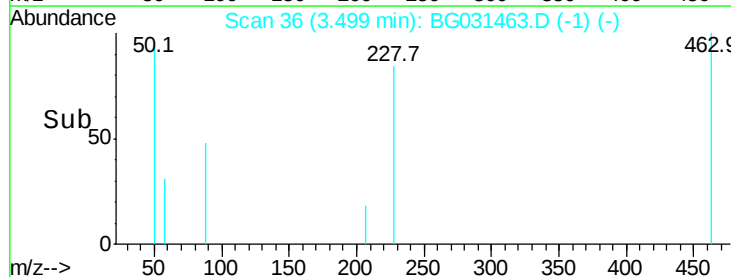
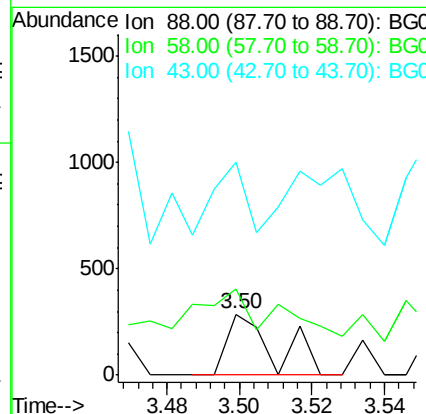
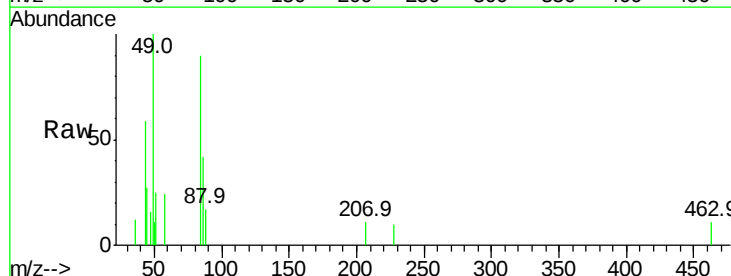
Tot Ion:152 Resp: 47194
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 58.4 53.0 79.4

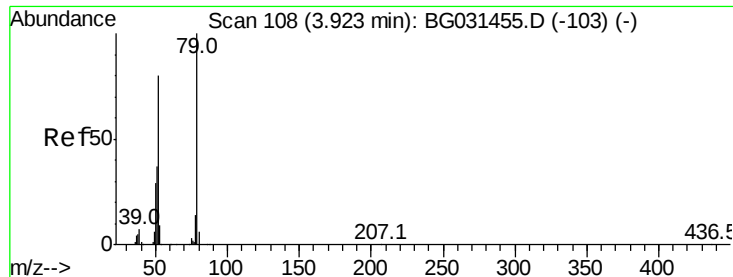


#2

1,4-Dioxane
Concen: 0.204 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion: 88 Resp: 259
Ion Ratio Lower Upper
88 100
58 134.0 79.6 119.4#
43 78.0 27.4 41.0#





#3

Pvridine

Concen: 0.027 ng

RT: 4.19 min Scan# 154

Delta R.T. 0.27 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampled :

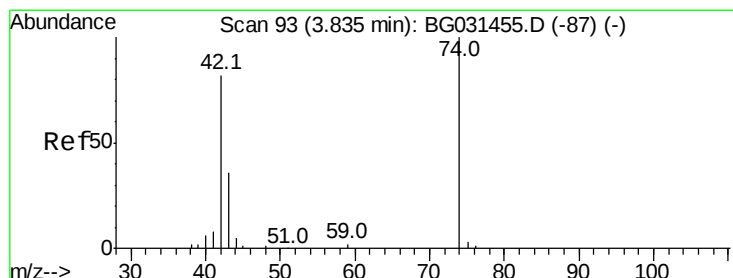
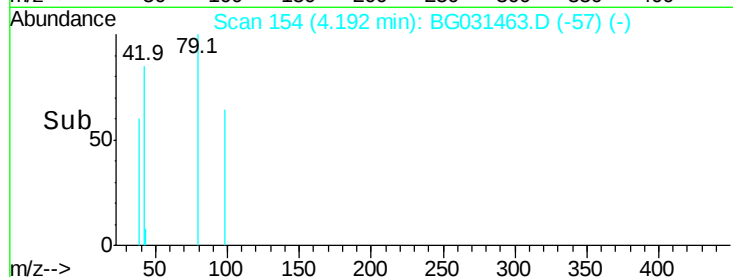
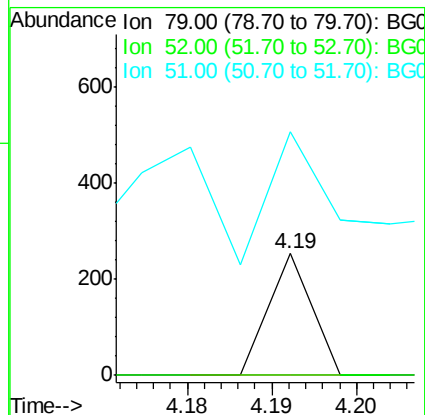
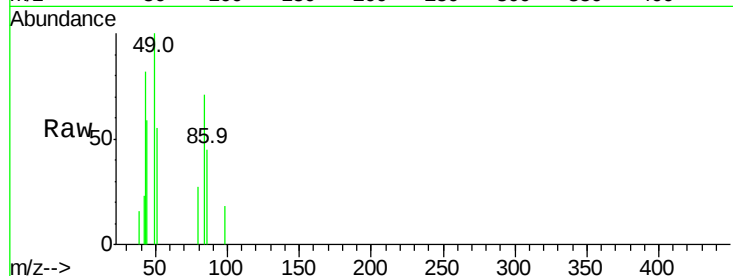
Tot Ion: 79 Resp: 89

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 200.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.03 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

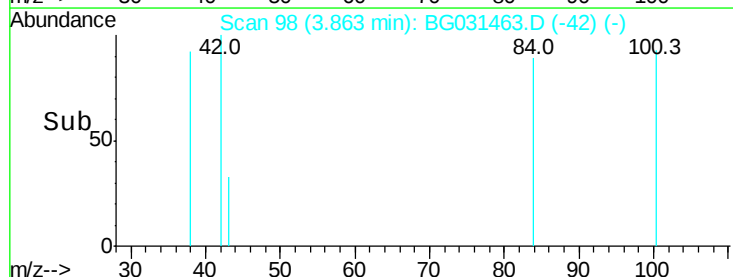
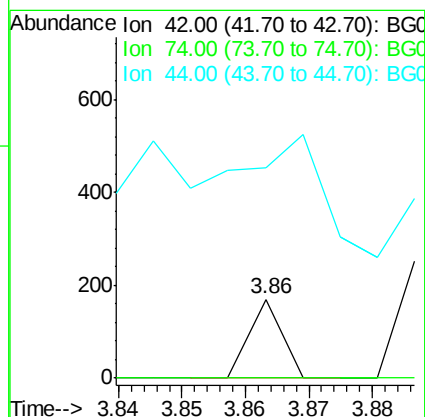
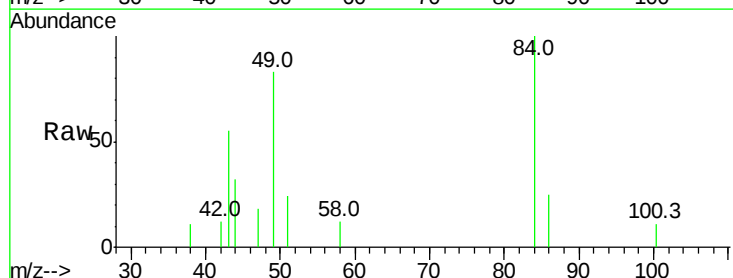
Tgt Ion: 42 Resp: 60

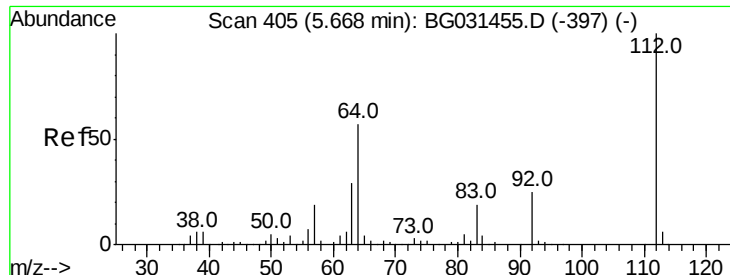
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 268.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 45.249 ng

RT: 5.67 min Scan# 405

Delta R.T. -0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampled :

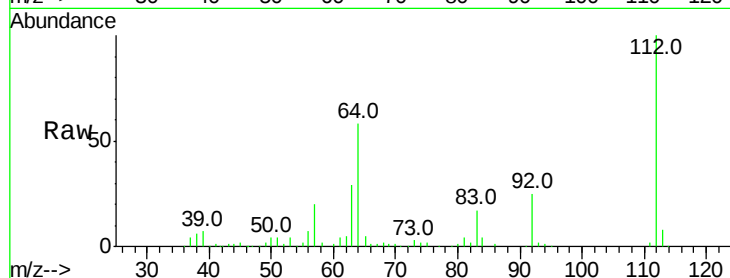
Tot Ion:112 Resp: 120476

Ion Ratio Lower Upper

112 100

64 58.0 56.3 84.5

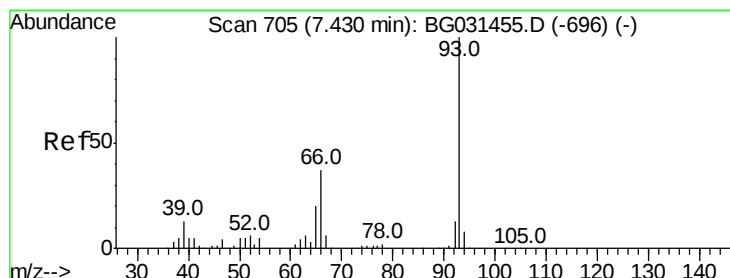
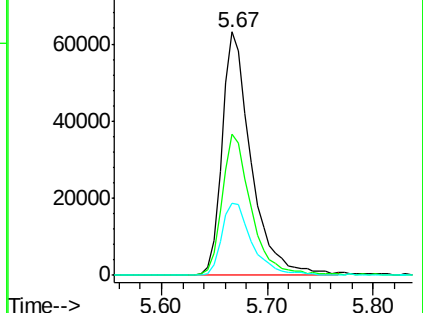
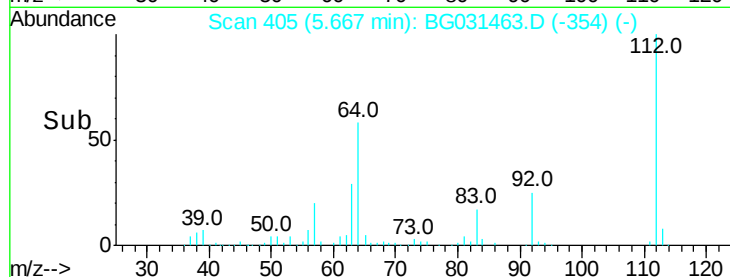
63 29.5 30.1 45.1#



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: 0.016 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.20 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

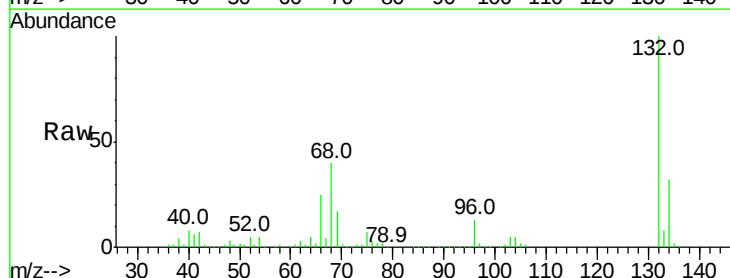
Tgt Ion: 93 Resp: 76

Ion Ratio Lower Upper

93 100

66 12680.9 33.7 50.5#

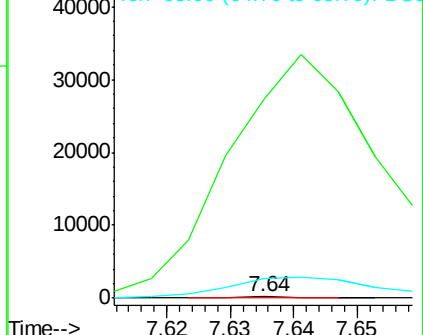
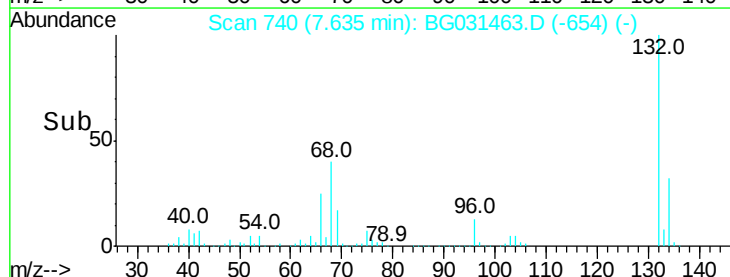
65 1215.3 16.1 24.1#

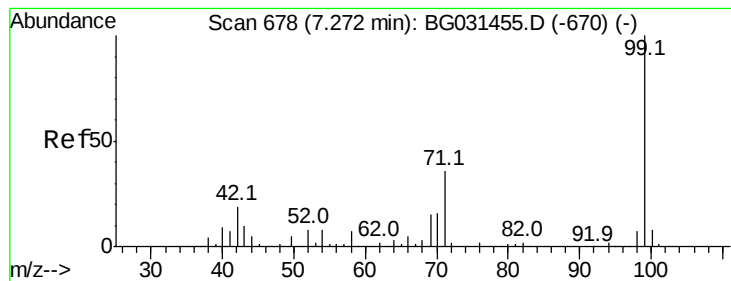


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 28.178 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

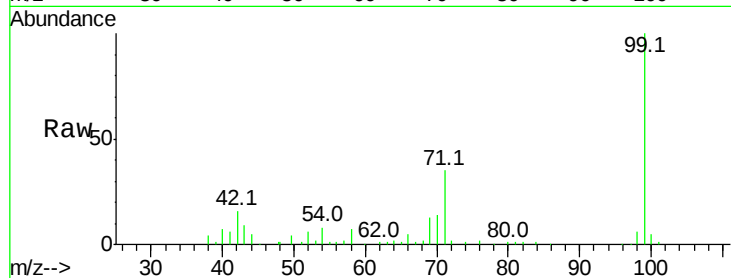
Tot Ion: 99 Resp: 104151

Ion Ratio Lower Upper

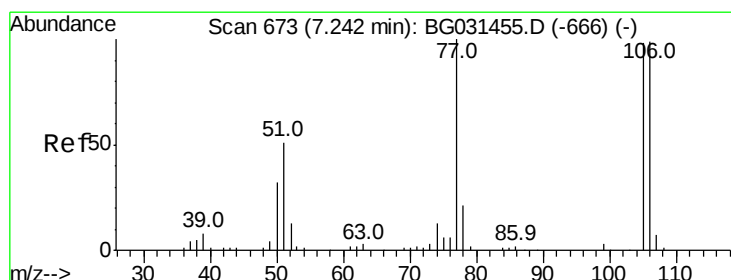
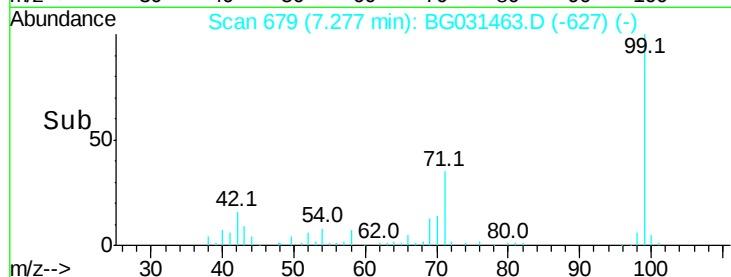
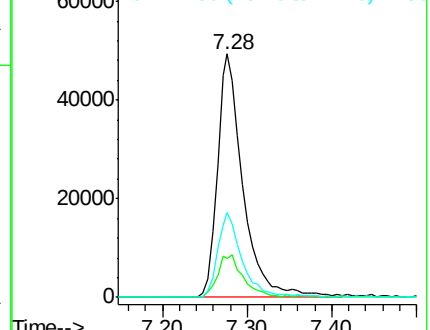
99 100

42 16.1 14.1 21.1

71 34.8 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: 0.026 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.04 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

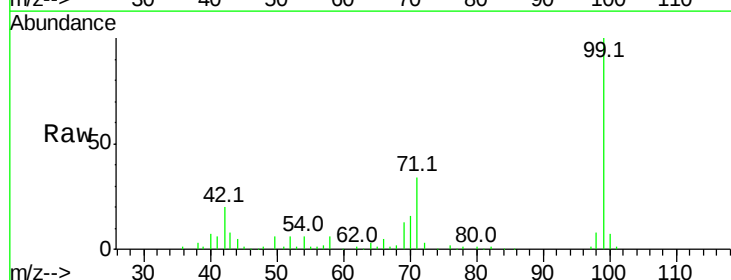
Tgt Ion: 77 Resp: 56

Ion Ratio Lower Upper

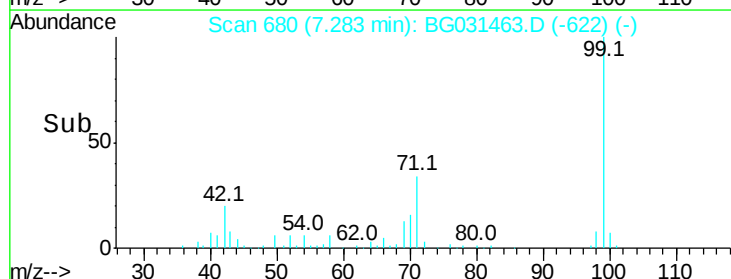
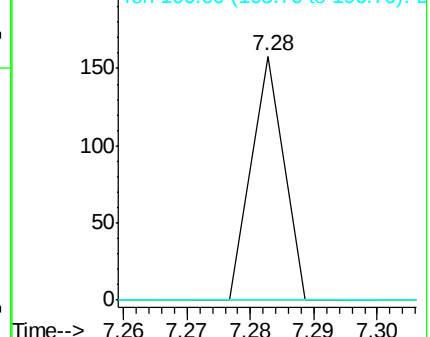
77 100

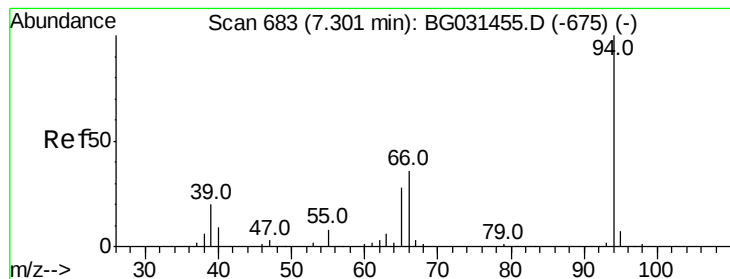
105 0.0 71.3 111.3#

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: 0.572 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

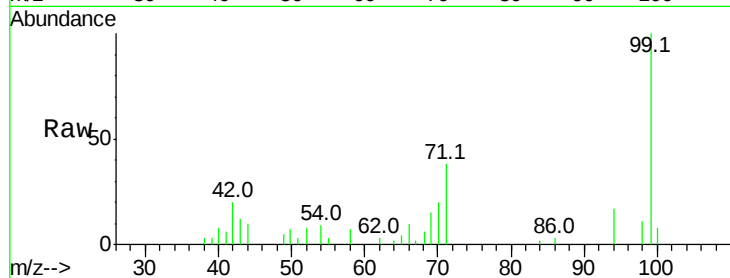
Tot Ion: 94 Resp: 2172

Ion Ratio Lower Upper

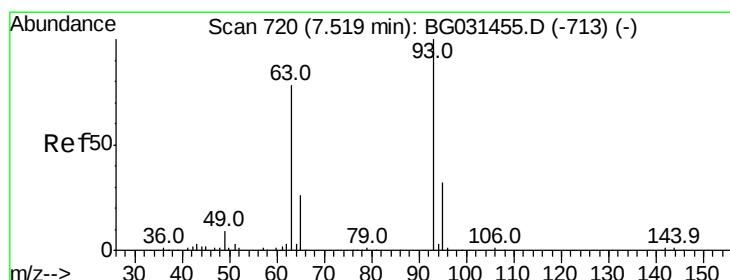
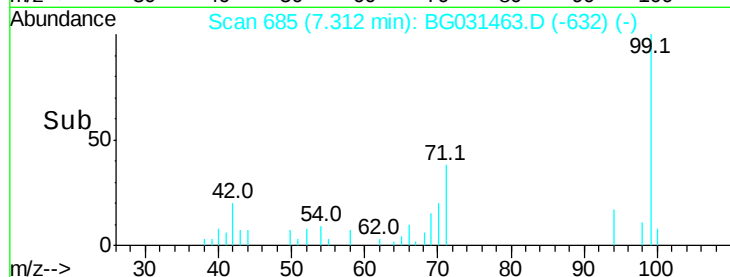
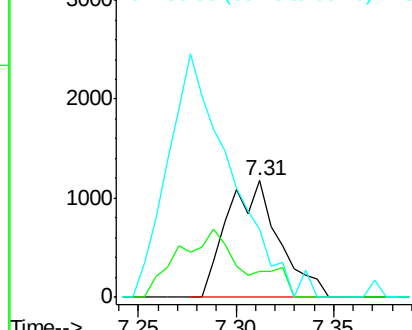
94 100

65 22.5 11.9 51.9

66 58.4 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: 0.025 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.12 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

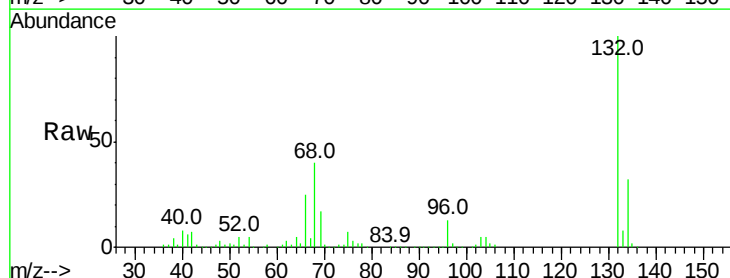
Tgt Ion: 93 Resp: 76

Ion Ratio Lower Upper

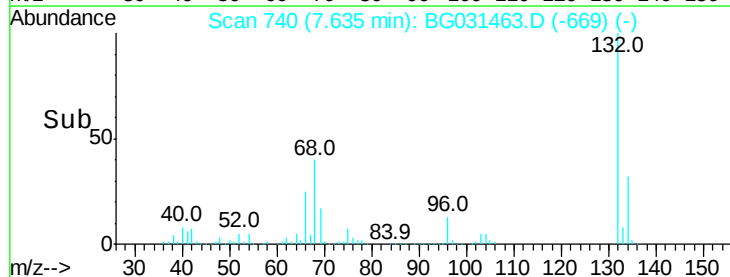
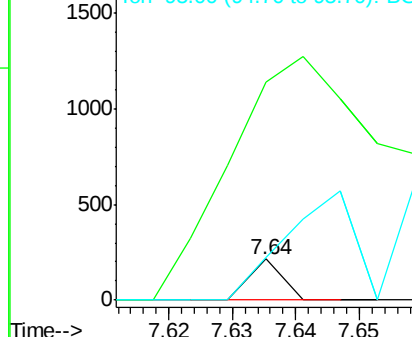
93 100

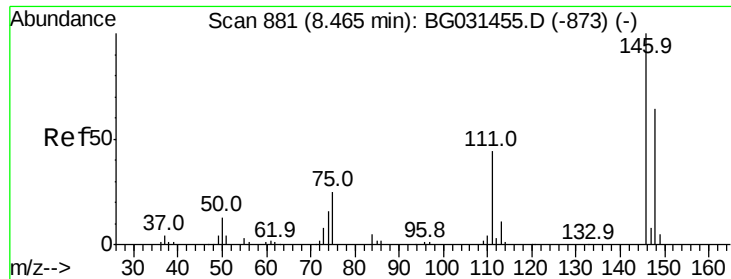
63 530.7 67.1 107.1#

95 103.3 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





#14

1,2-Dichlorobenzene

Concen: 0.036 ng

RT: 8.43 min Scan# 876

Delta R.T. -0.03 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

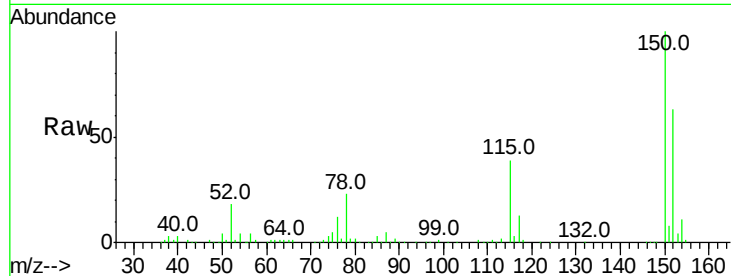
Tot Ion:146 Resp: 125

Ion Ratio Lower Upper

146 100

148 93.3 49.3 73.9#

111 412.6 34.3 51.5#

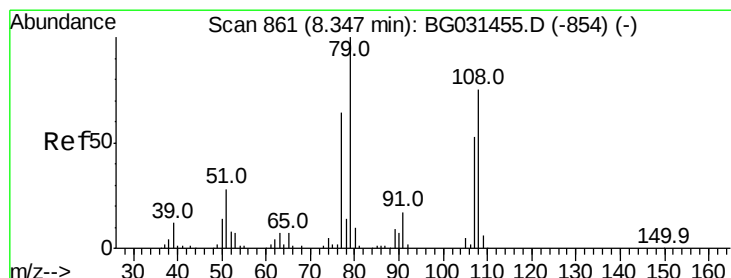
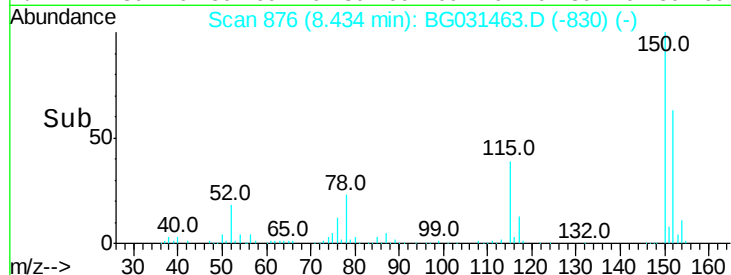
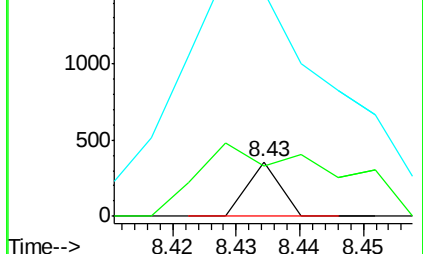


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



#15

Benzyl Alcohol

Concen: 1.582 ng

RT: 8.43 min Scan# 876

Delta R.T. 0.09 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

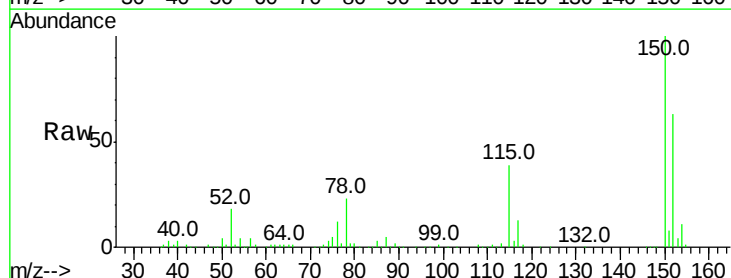
Tgt Ion: 79 Resp: 4574

Ion Ratio Lower Upper

79 100

108 32.4 57.2 85.8#

77 108.1 46.1 69.1#

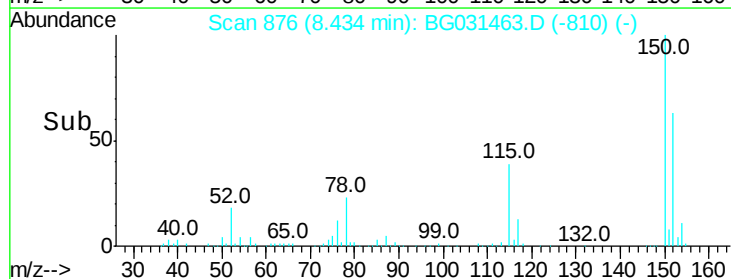
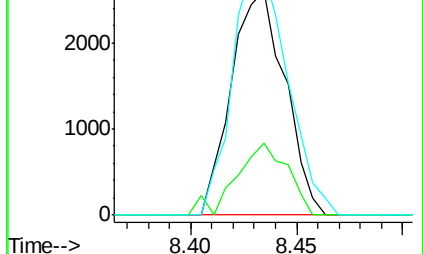


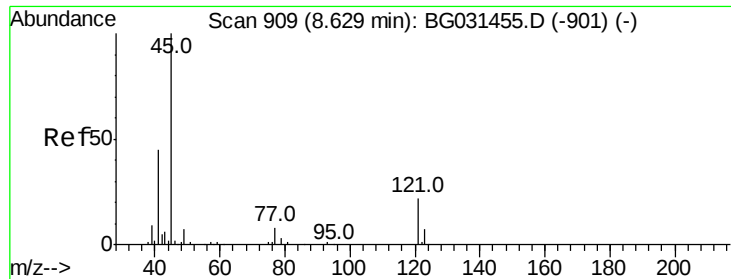
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Time-->

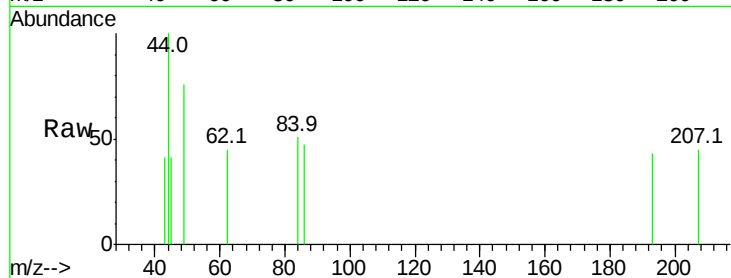




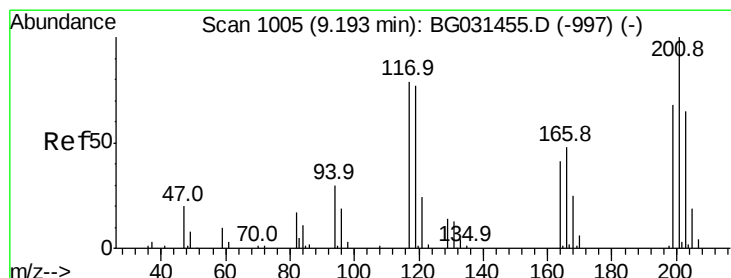
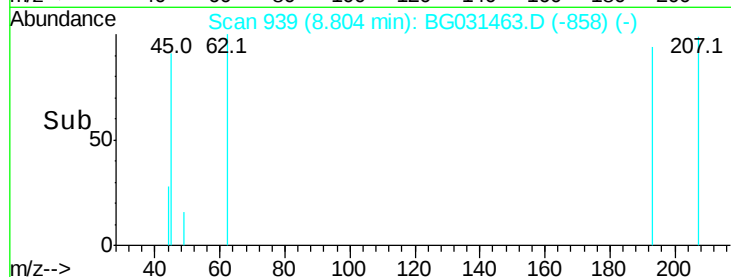
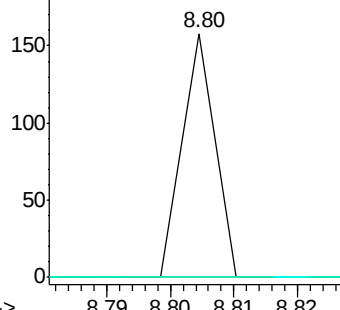
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.016 ng
RT: 8.80 min Scan# 939
Delta R.T. 0.18 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 45 Resp: 56
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9

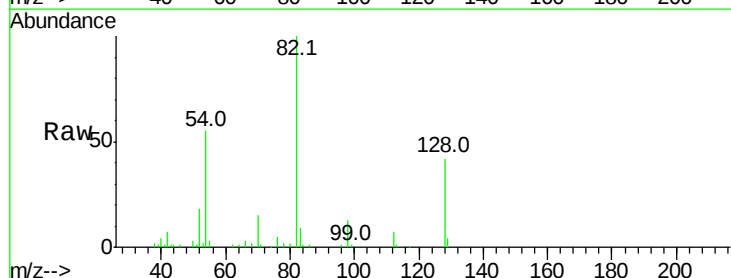


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

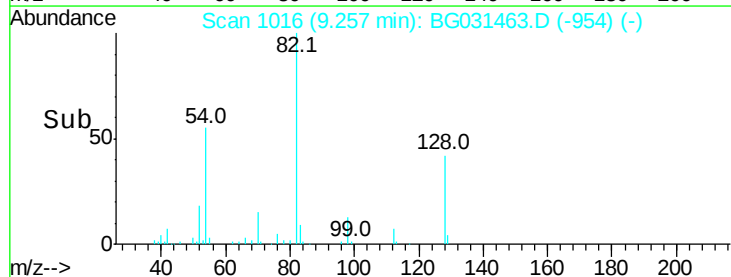
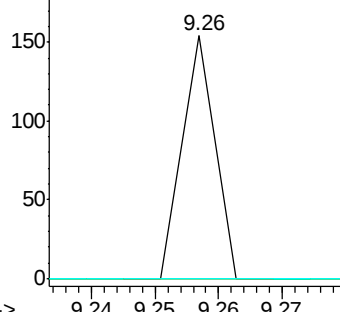


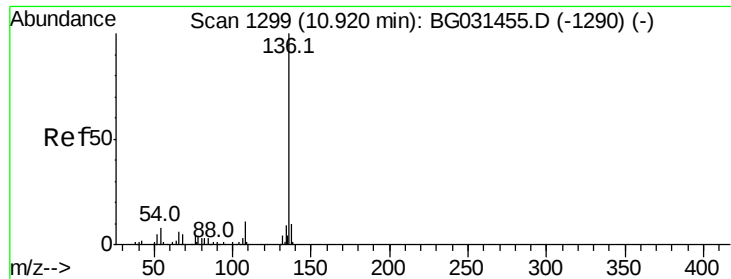
#18
Hexachloroethane
Concen: 0.044 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.06 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion: 117 Resp: 54
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

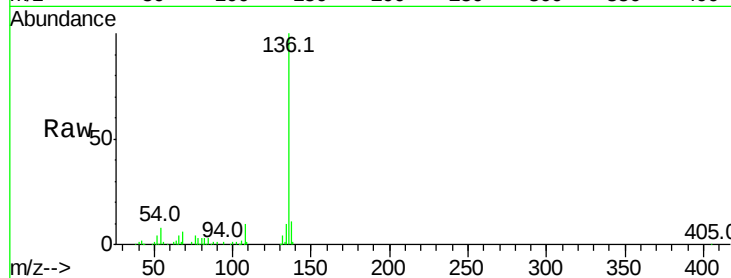




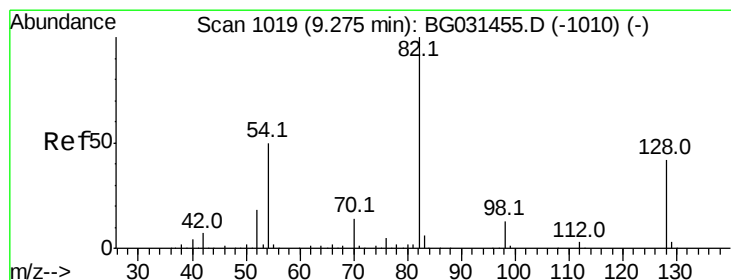
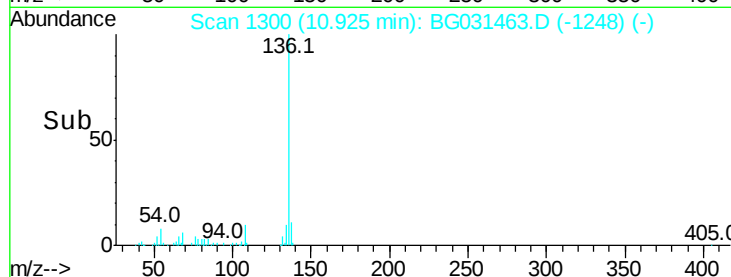
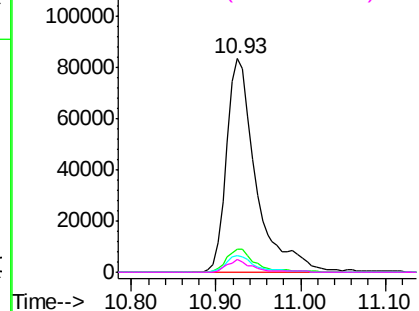
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	202198
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.9	10.3	15.5#
68	6.0	4.5	6.7

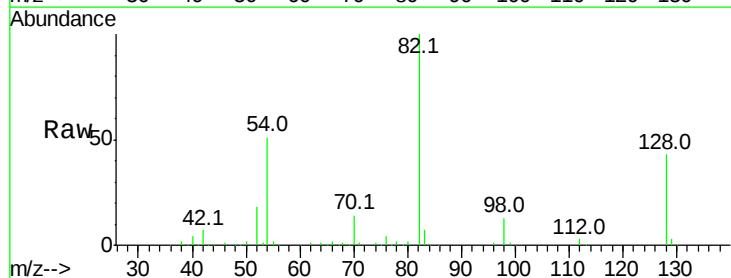


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

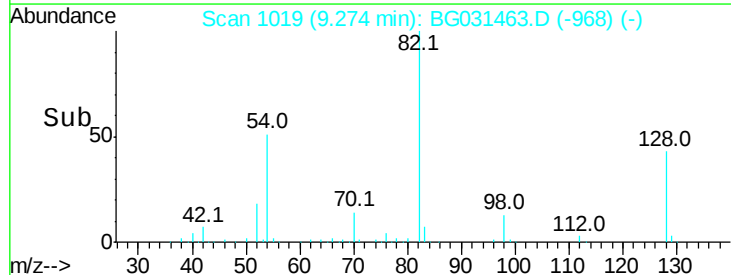
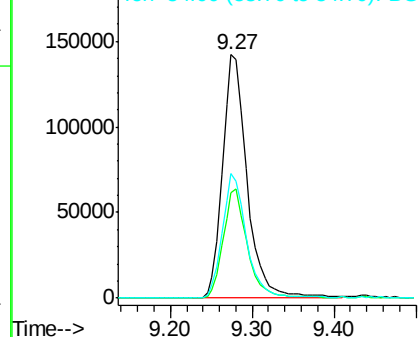


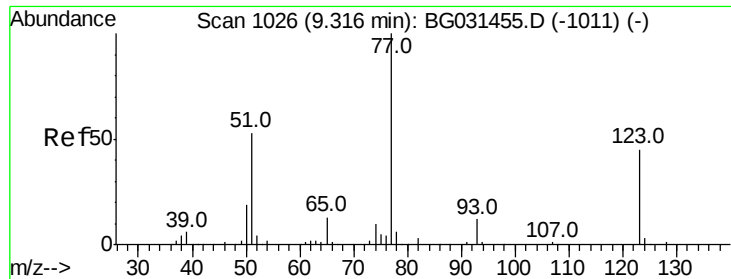
#23
Nitrobenzene-d5
Concen: 91.098 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion:	82	Resp:	298846
Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	51.4	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: 0.236 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.04 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampled :

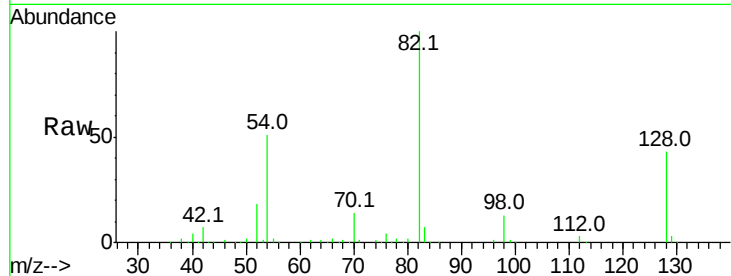
Tot Ion: 77 Resp: 795

Ion Ratio Lower Upper

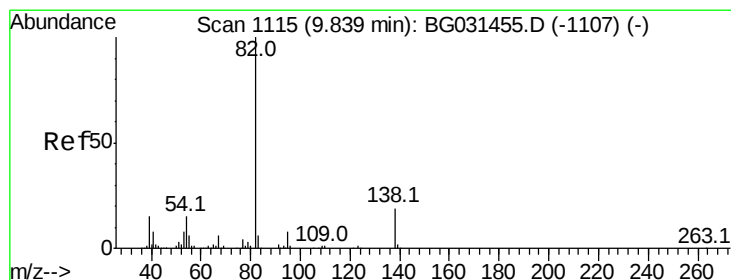
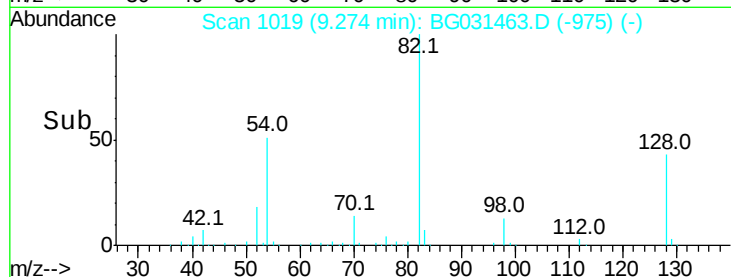
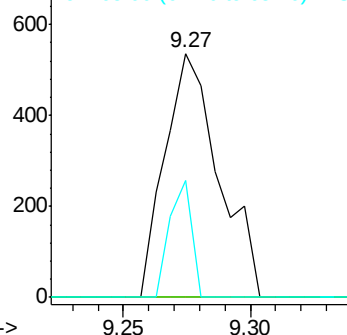
77 100

123 0.0 33.0 49.6#

65 47.9 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



#25

Isophorone

Concen: 0.009 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.04 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

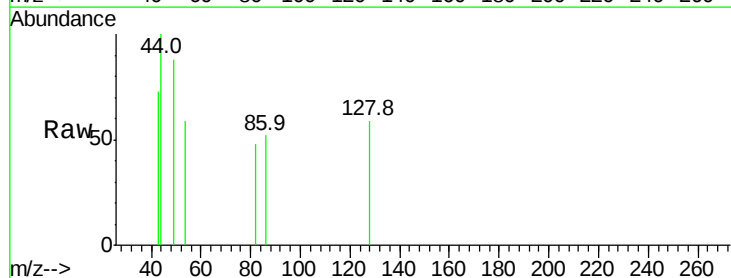
Tgt Ion: 82 Resp: 57

Ion Ratio Lower Upper

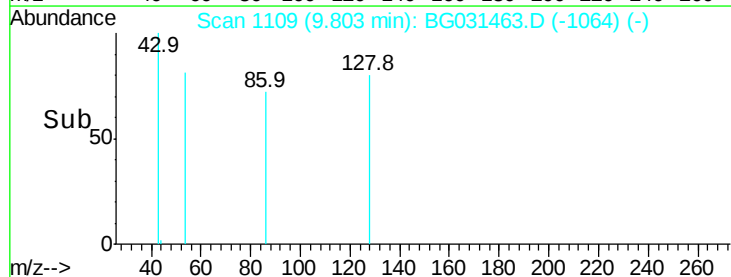
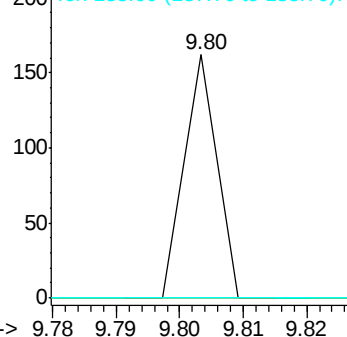
82 100

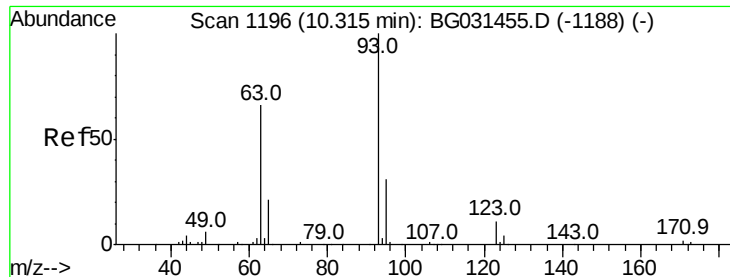
95 0.0 6.2 9.2#

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

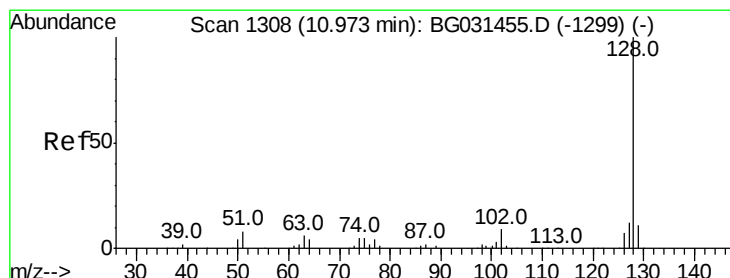
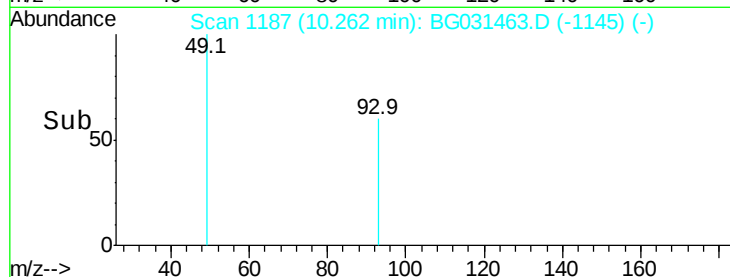
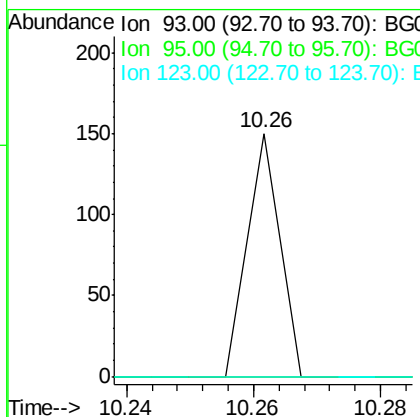
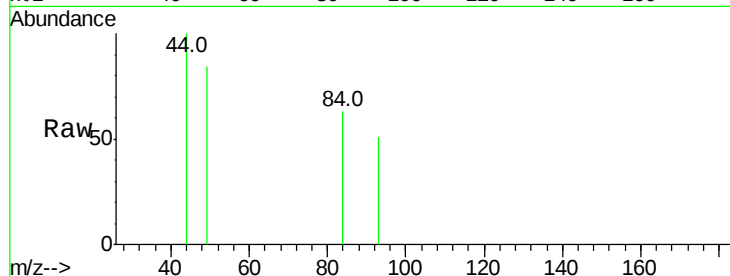




#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.05 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

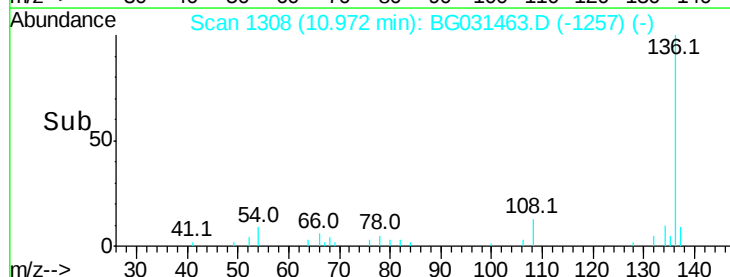
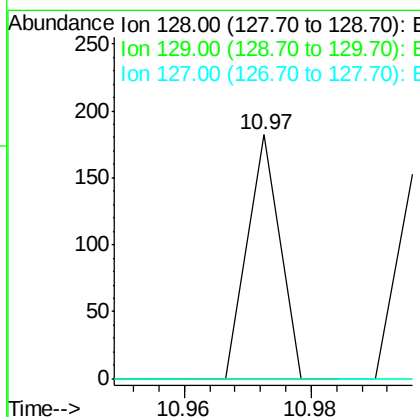
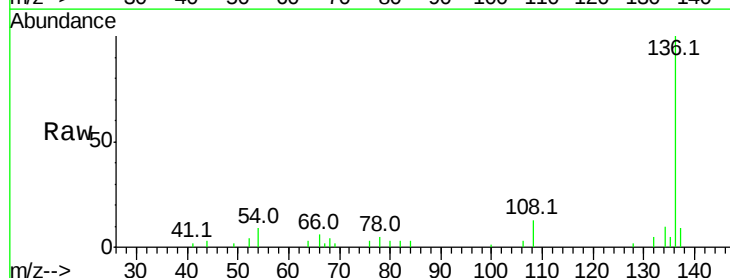
Instrument :
BNA_G
ClientSampleId :

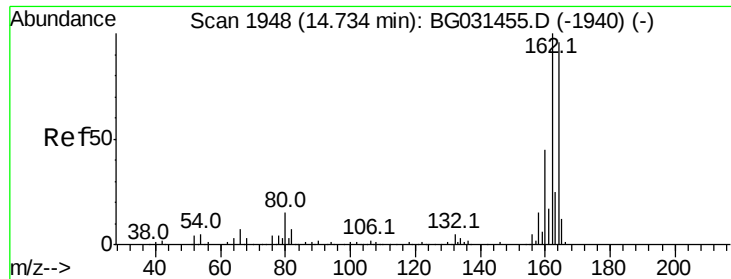
Tot Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 8.4 12.6#



#31
Naphthalene
Concen: 0.006 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion: 128 Resp: 64
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#

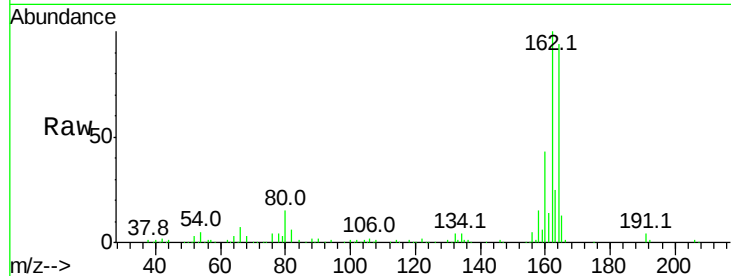




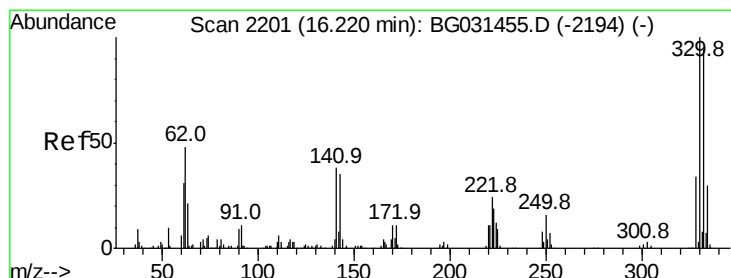
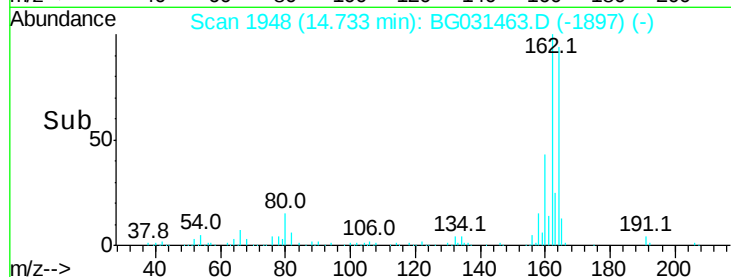
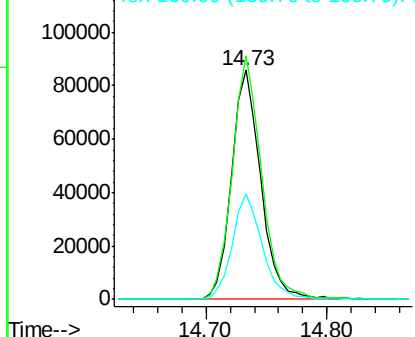
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 144443
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 46.1 35.4 53.0

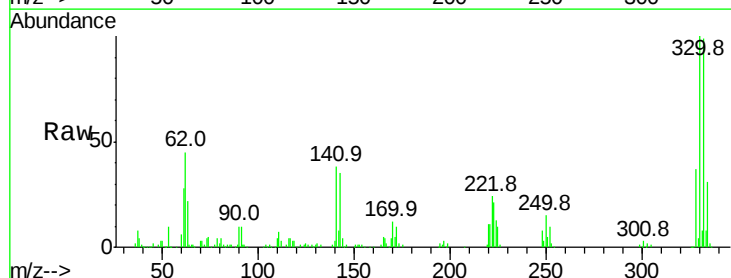


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

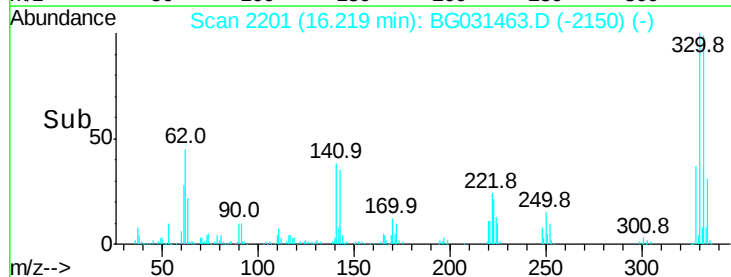
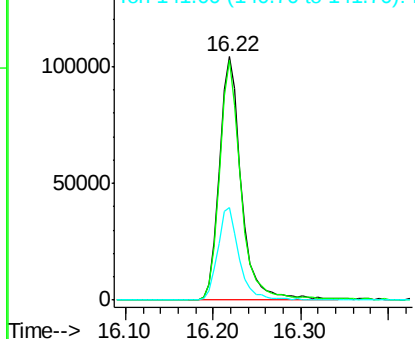


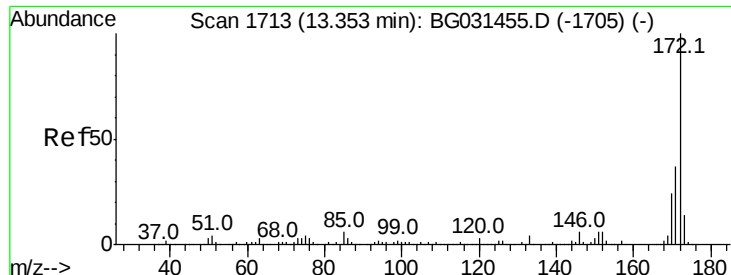
#41
2,4,6-Tribromophenol
Concen: 107.101 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion:330 Resp: 181237
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 36.9 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

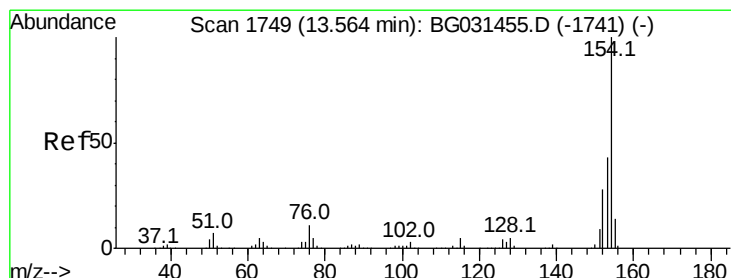
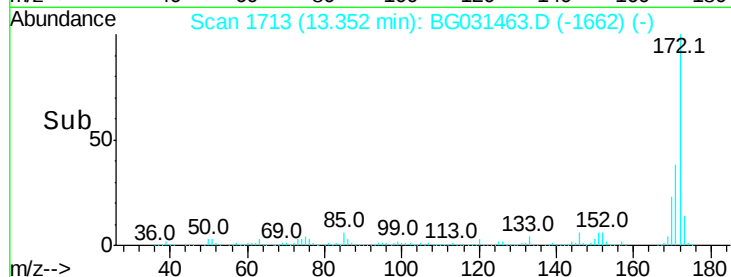
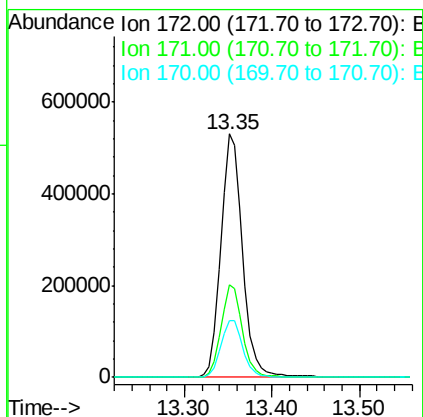
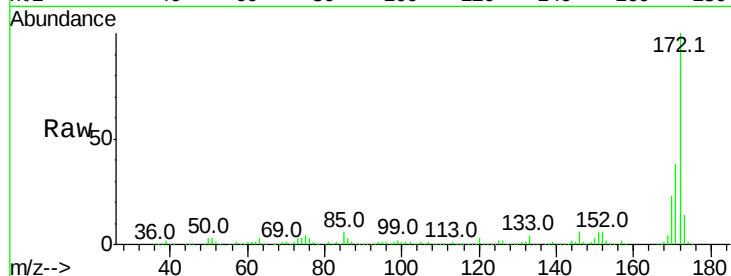




#44
 2-Fluorobiphenyl
 Concen: 92.717 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031463.D
 Acq: 11 Dec 2017 19:52

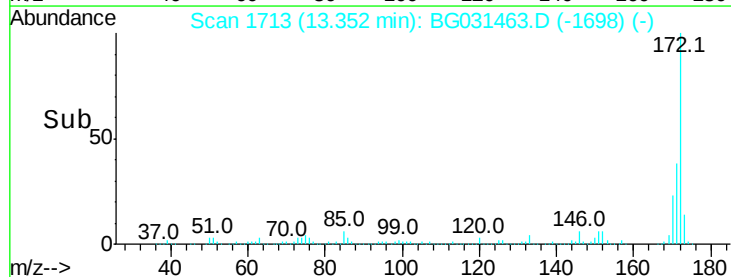
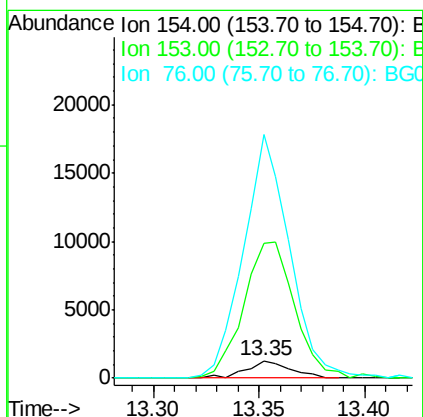
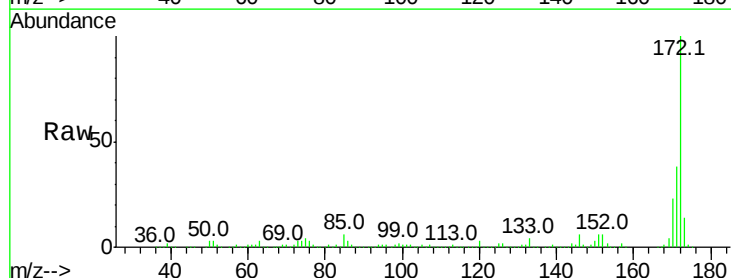
Instrument :
 BNA_G
 ClientSampleId :

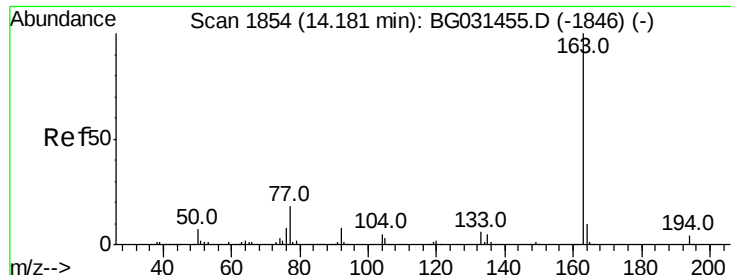
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.5	19.5	29.3



#45
 1,1'-Biphenyl
 Concen: 0.155 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.21 min
 Lab File: BG031463.D
 Acq: 11 Dec 2017 19:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	772.8	19.8	59.8#
76	1390.8	0.0	31.9#





#49

Dimethylphthalate

Concen: 1.089 ng

RT: 14.20 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

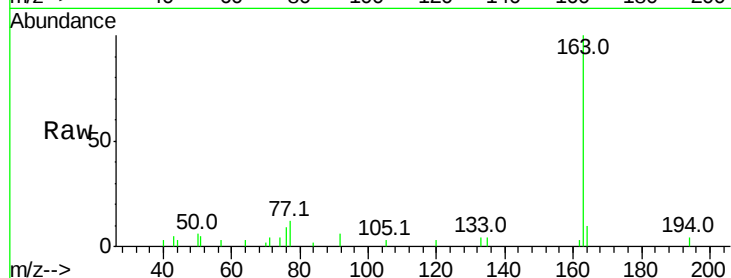
Tot Ion:163 Resp: 13024

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

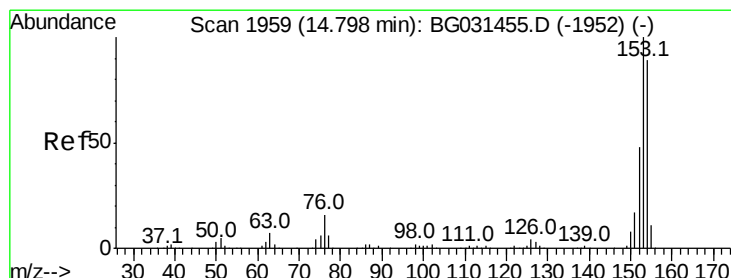
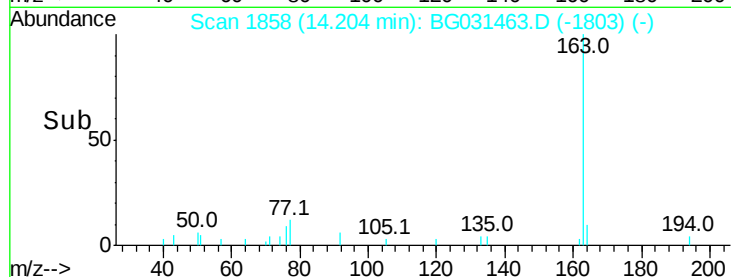
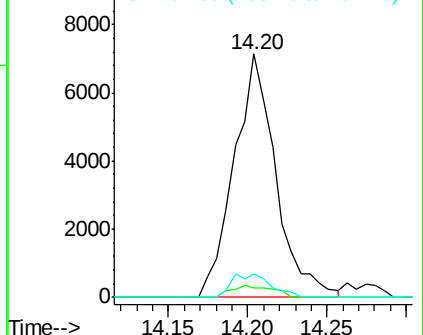
164 9.6 8.2 12.4



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: 0.066 ng

RT: 14.80 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

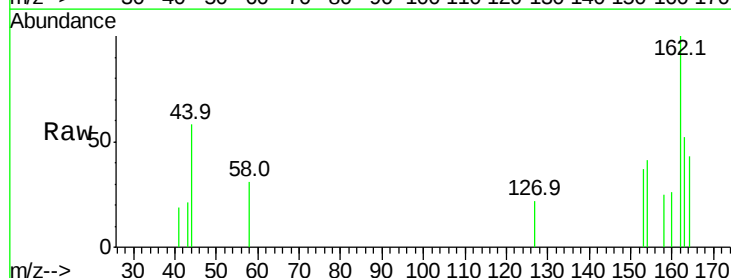
Tgt Ion:154 Resp: 583

Ion Ratio Lower Upper

154 100

153 89.0 90.4 135.6#

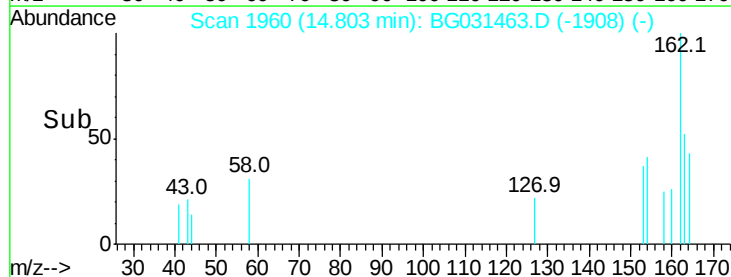
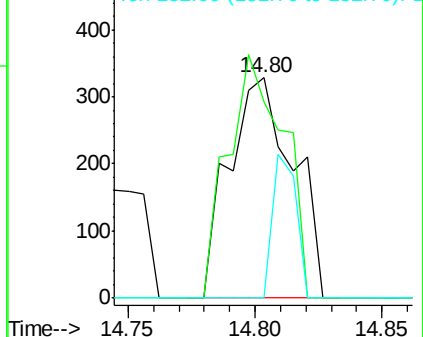
152 0.0 41.6 62.4#

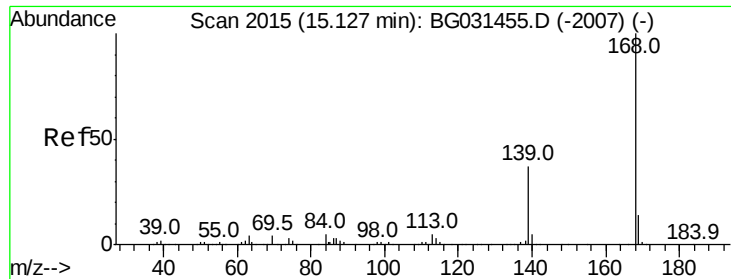


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 0.007 ng

RT: 15.16 min Scan# 2020

Delta R.T. 0.03 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

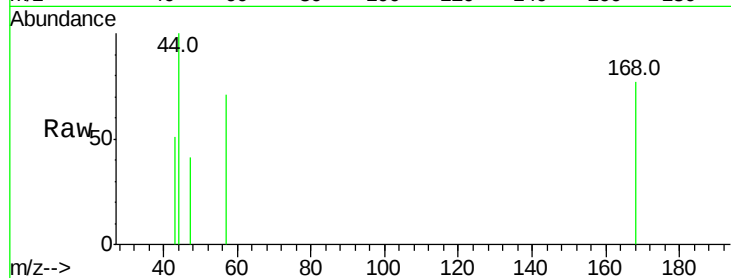
Tot Ion:168 Resp: 103

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

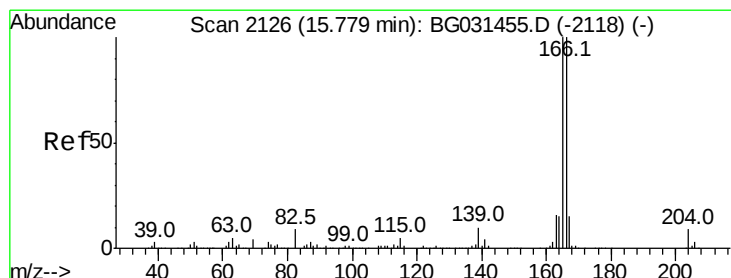
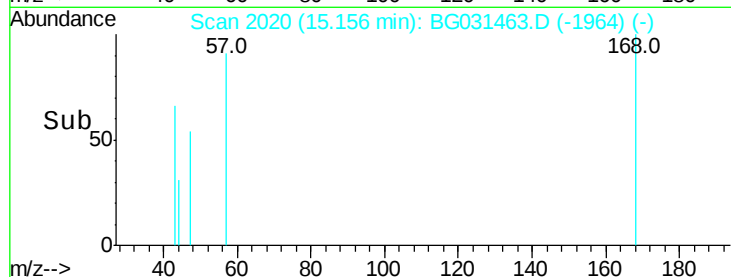
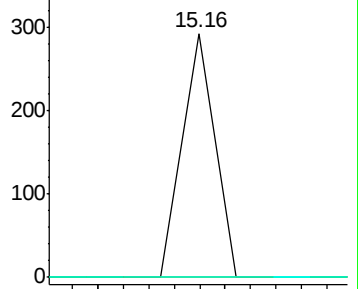
169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 0.046 ng

RT: 15.79 min Scan# 2128

Delta R.T. 0.01 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

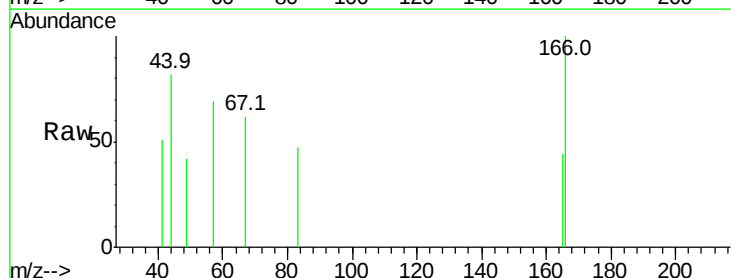
Tgt Ion:166 Resp: 514

Ion Ratio Lower Upper

166 100

165 44.4 80.6 121.0#

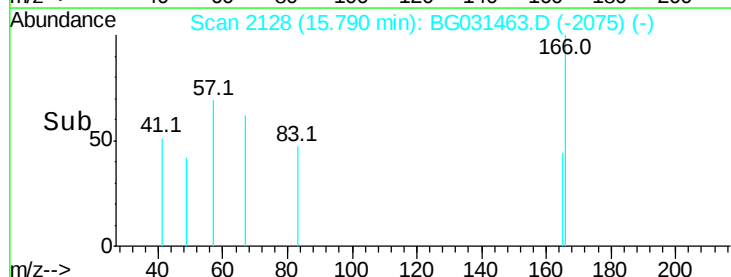
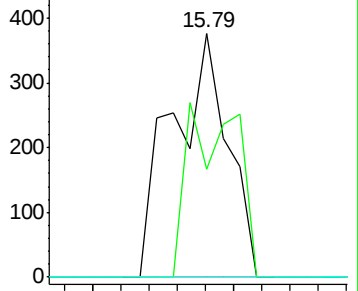
167 0.0 10.4 15.6#

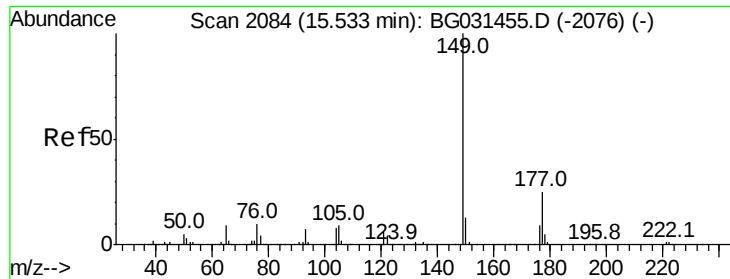


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.450 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

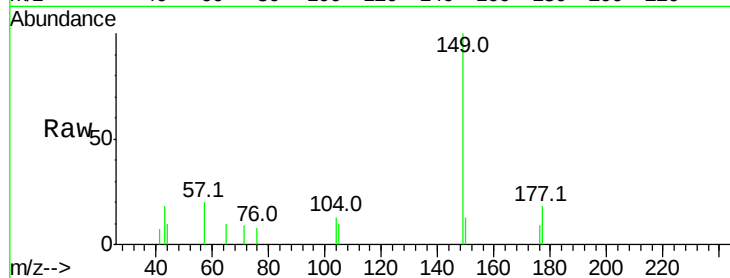
Tot Ion:149 Resp: 5397

Ion Ratio Lower Upper

149 100

177 17.8 18.5 27.7#

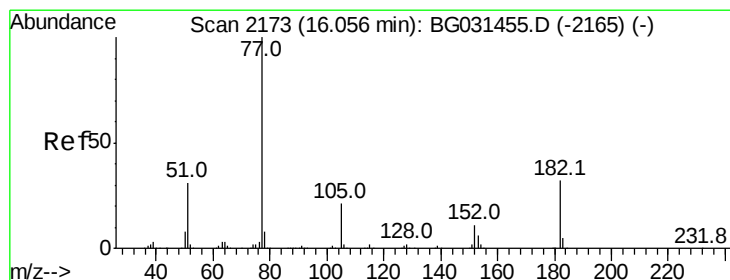
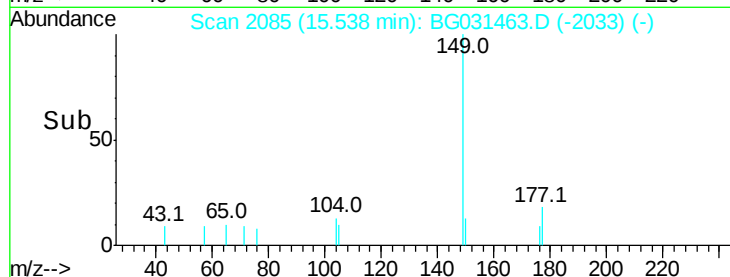
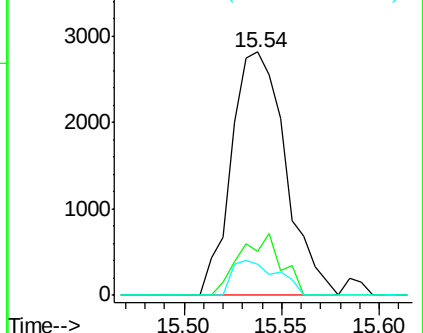
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.006 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.11 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Tgt Ion: 77 Resp: 64

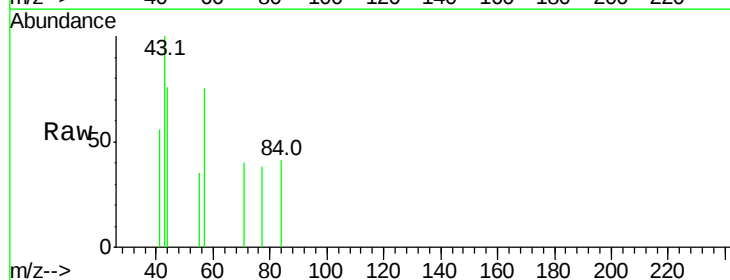
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

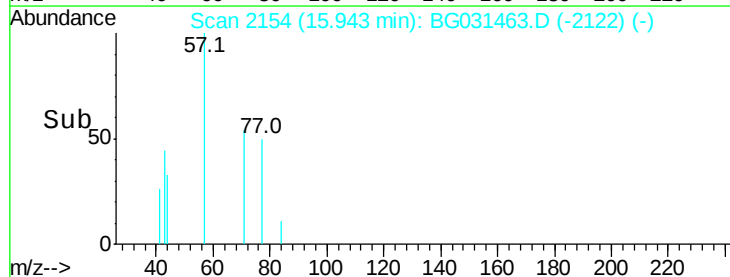
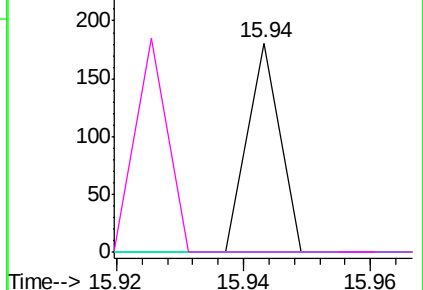


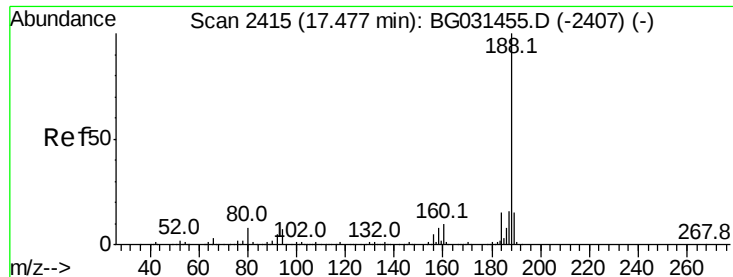
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

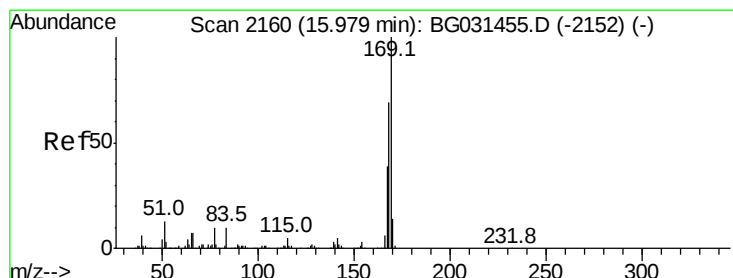
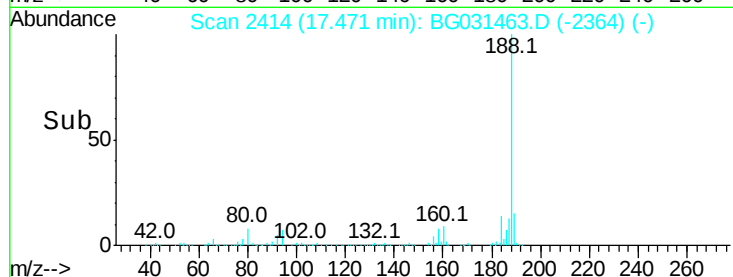
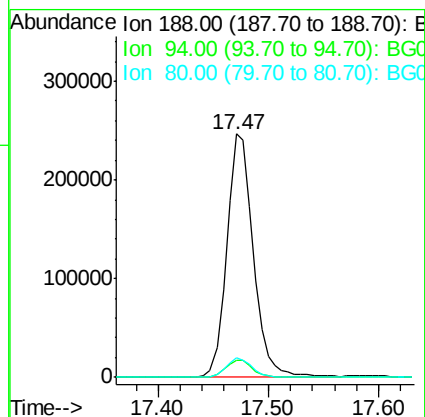
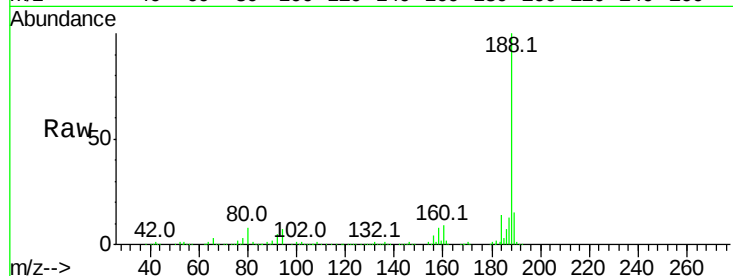




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

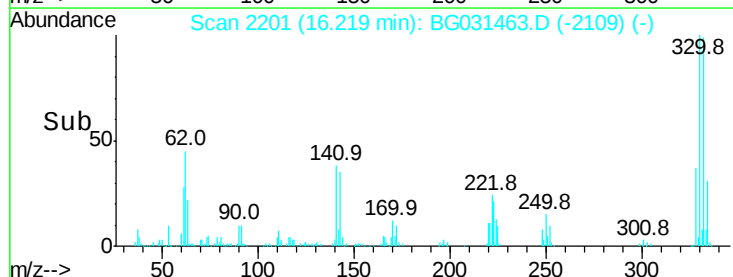
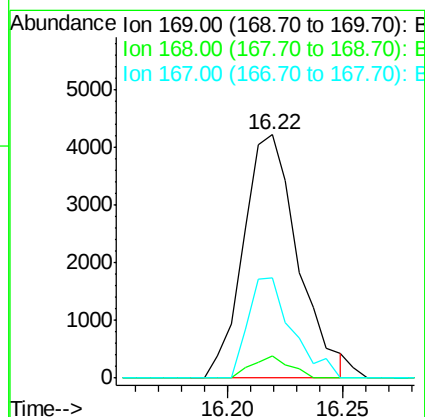
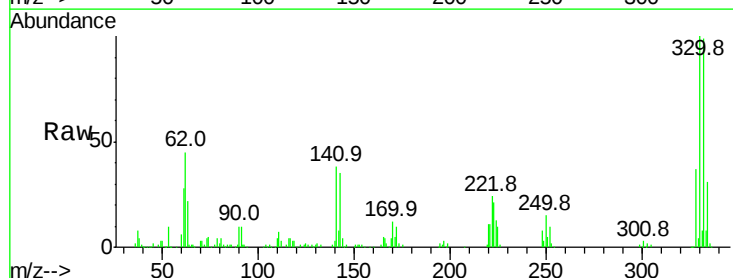
Instrument :
BNA_G
ClientSampleId :

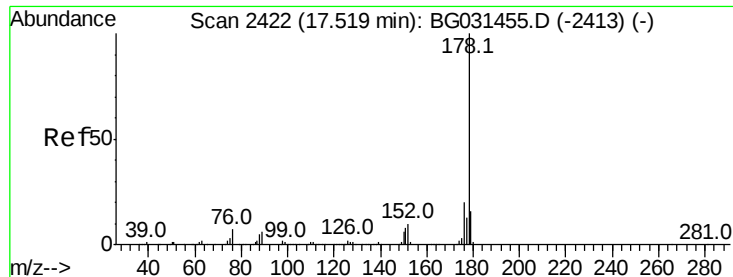
Tot Ion:188 Resp: 413380
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.9 7.7 11.5



#65
n-Nitrosodiphenylamine
Concen: 0.572 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.24 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion:169 Resp: 6926
Ion Ratio Lower Upper
169 100
168 8.9 55.7 83.5#
167 41.2 30.1 45.1





#70

Phenanthrene

Concen: 0.076 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

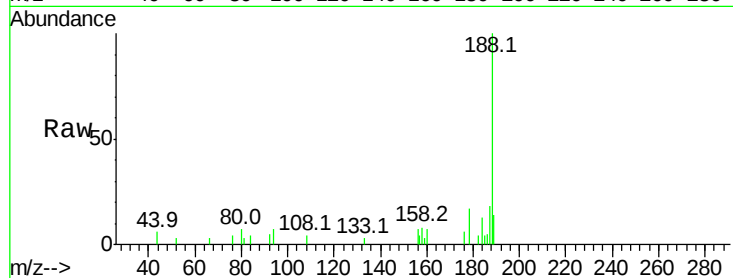
Tot Ion:178 Resp: 1646

Ion Ratio Lower Upper

178 100

176 36.9 15.7 23.5#

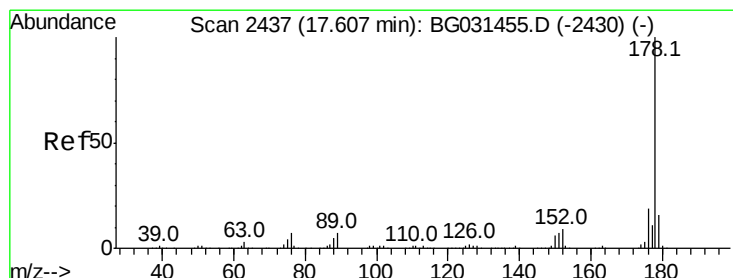
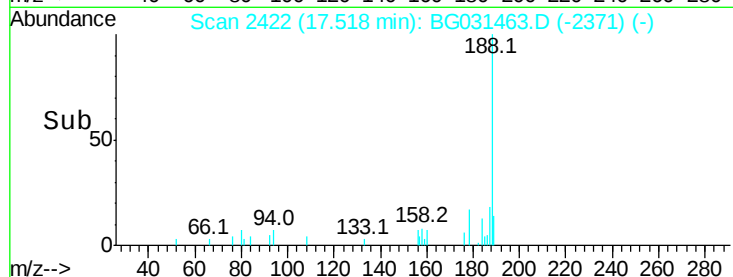
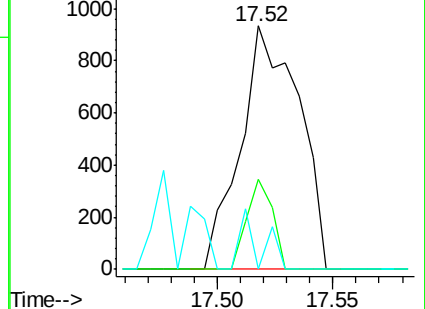
179 0.0 12.5 18.7#



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



#71

Anthracene

Concen: 0.010 ng

RT: 17.63 min Scan# 2441

Delta R.T. 0.02 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

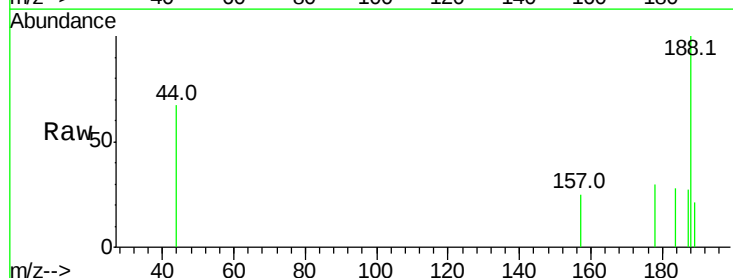
Tgt Ion:178 Resp: 213

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

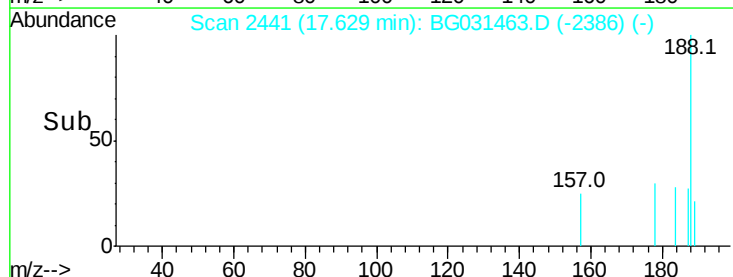
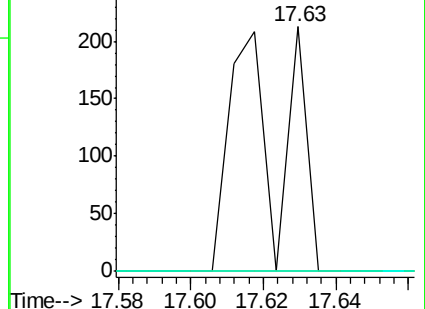
179 0.0 12.5 18.7#

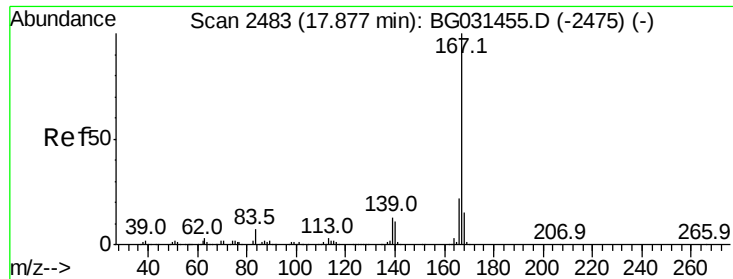


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

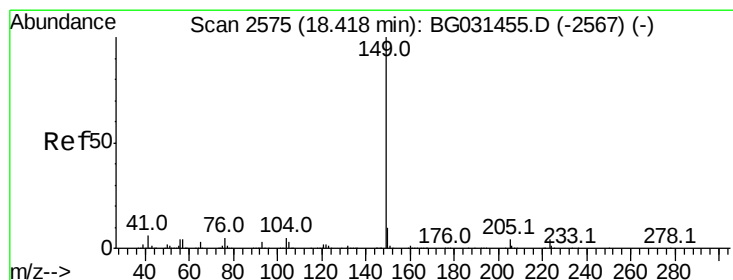
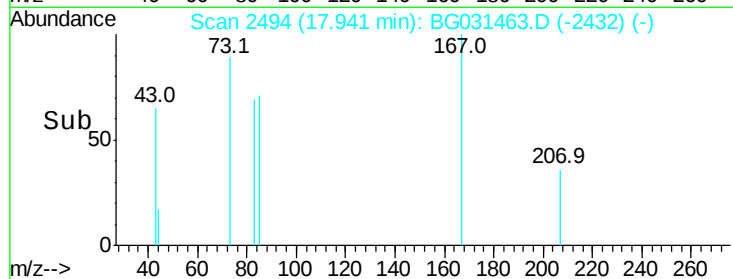
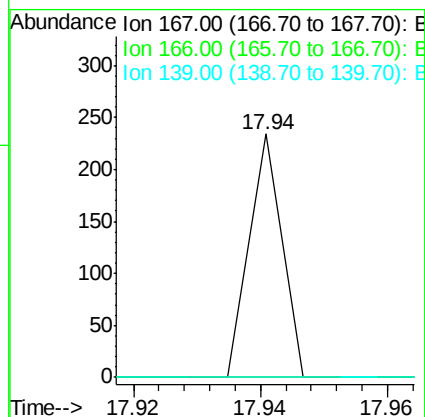
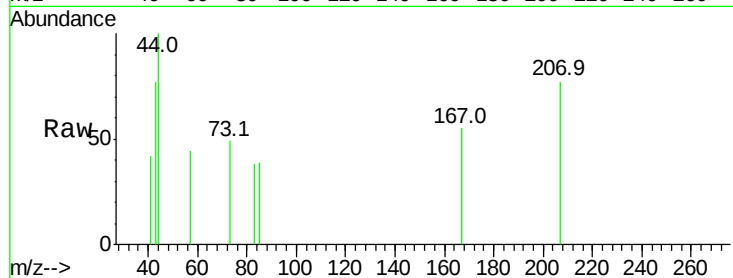




#72
 Carbazole
 Concen: 0.004 ng
 RT: 17.94 min Scan# 2494
 Delta R.T. 0.06 min
 Lab File: BG031463.D
 Acq: 11 Dec 2017 19:52

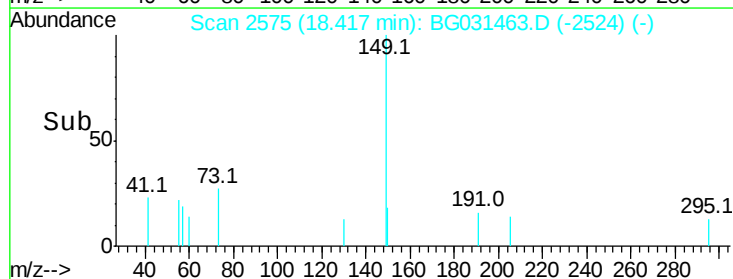
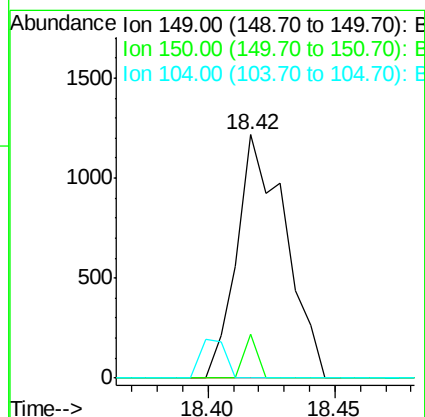
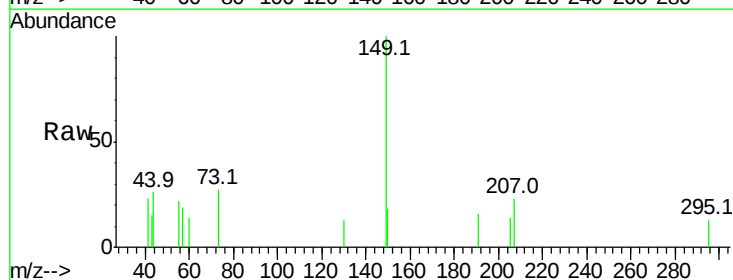
Instrument :
 BNA_G
 ClientSampleId :

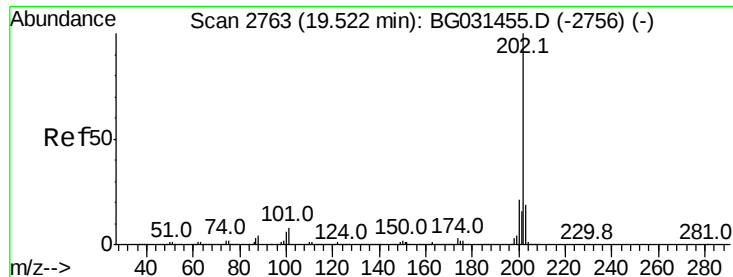
Tot Ion:167 Resp: 82
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#



#73
 Di-n-butylphthalate
 Concen: 0.072 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.00 min
 Lab File: BG031463.D
 Acq: 11 Dec 2017 19:52

Tgt Ion:149 Resp: 1617
 Ion Ratio Lower Upper
 149 100
 150 18.0 7.8 11.6#
 104 0.0 3.9 5.9#





#74

Fluoranthene

Concen: 0.092 ng

RT: 19.53 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

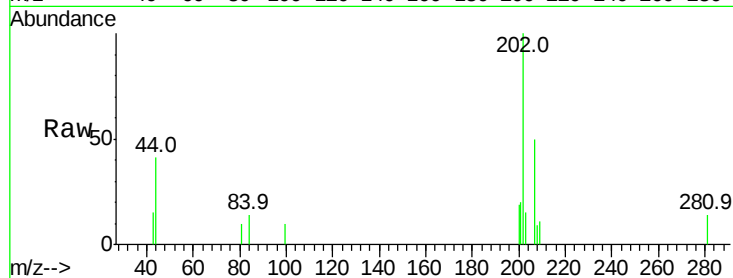
Tot Ion:202 Resp: 2493

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

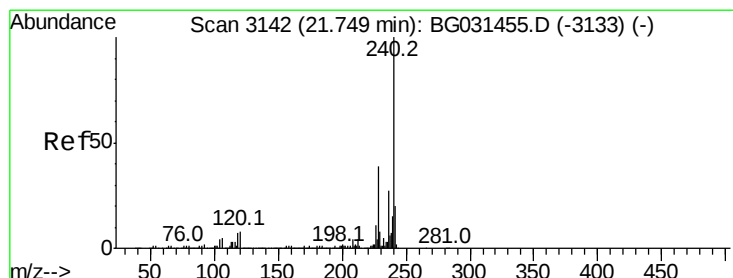
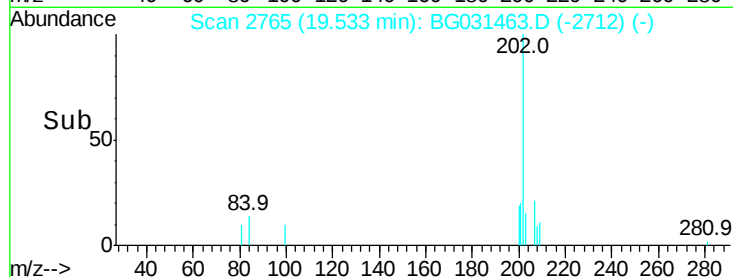
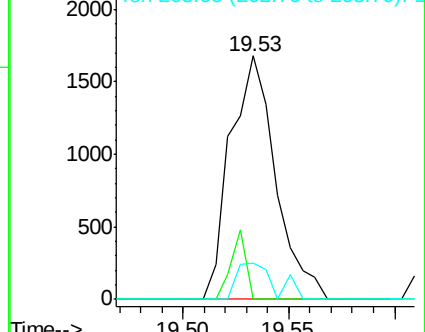
203 14.8 0.0 37.5



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: BG031463.D

Acq: 11 Dec 2017 19:52

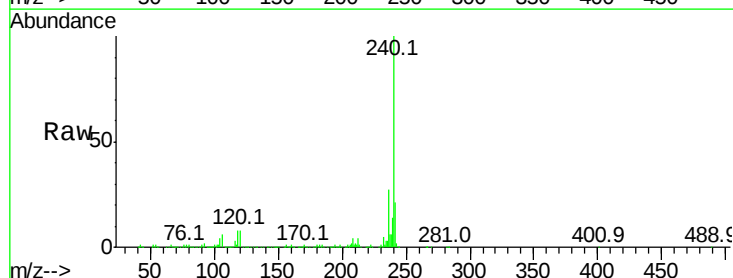
Tgt Ion:240 Resp: 473786

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

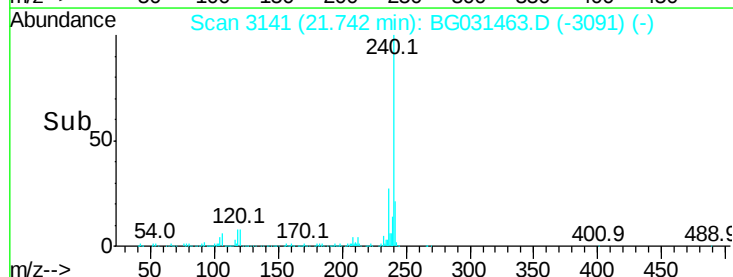
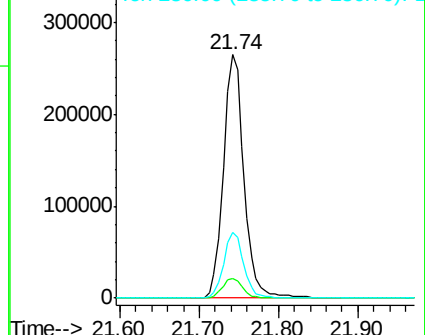
236 27.1 20.9 31.3

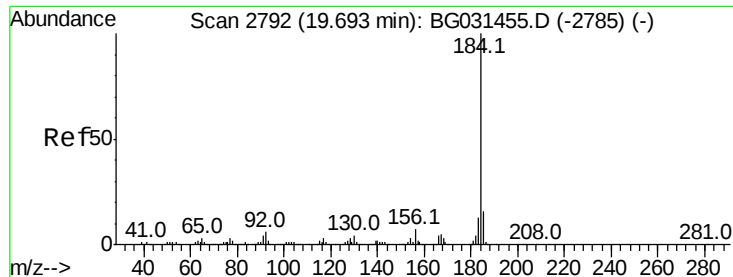


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.006 ng

RT: 19.75 min Scan# 2802

Delta R.T. 0.06 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

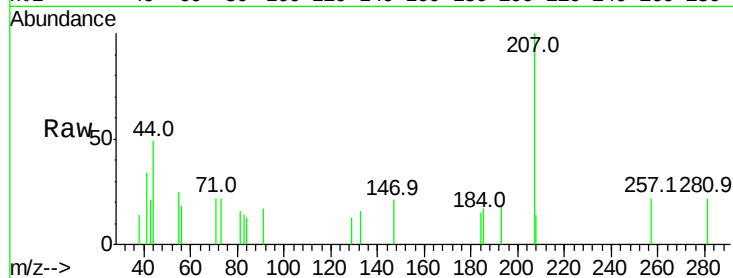
Tot Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

185 114.2 11.1 16.7#

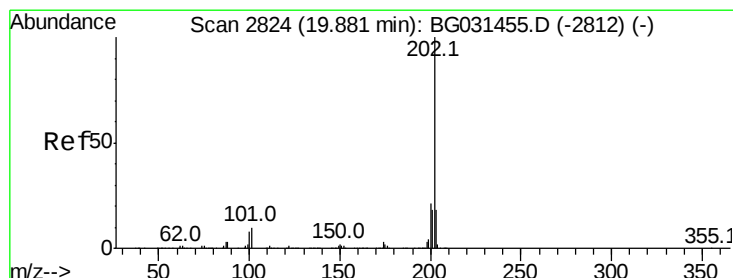
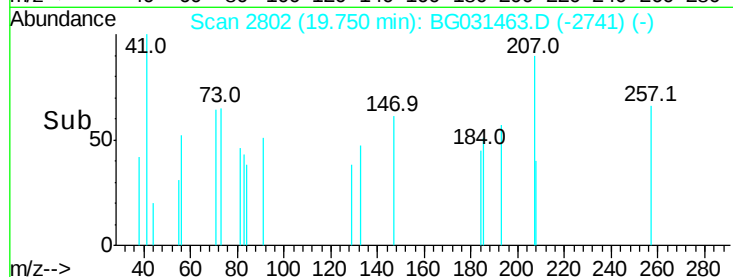
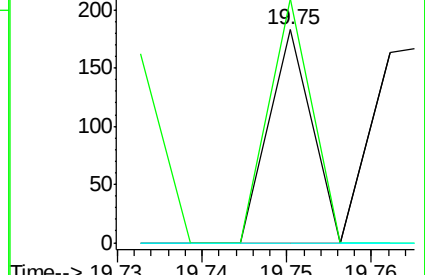
183 0.0 10.6 16.0#



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: 0.066 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

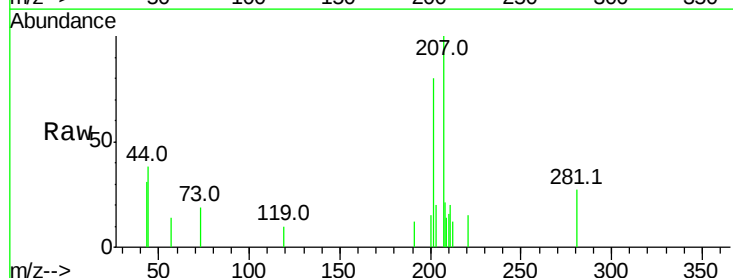
Tgt Ion:202 Resp: 1956

Ion Ratio Lower Upper

202 100

200 18.6 16.9 25.3

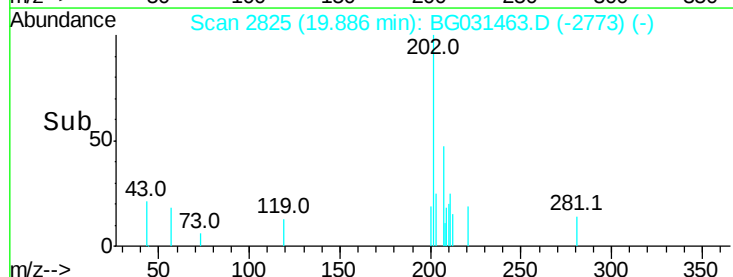
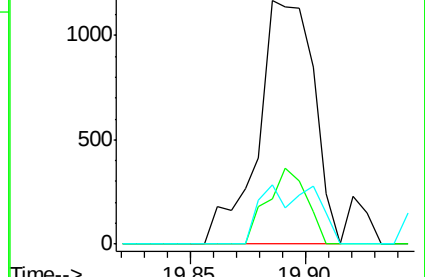
203 24.6 13.9 20.9#

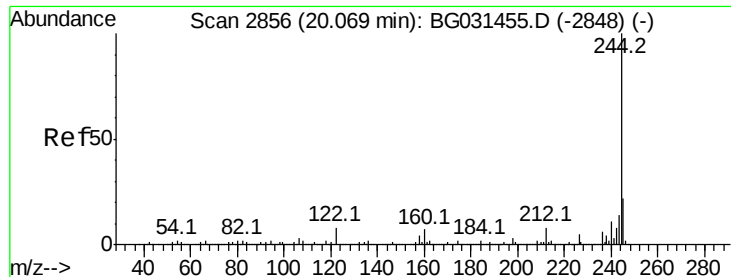


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.946 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

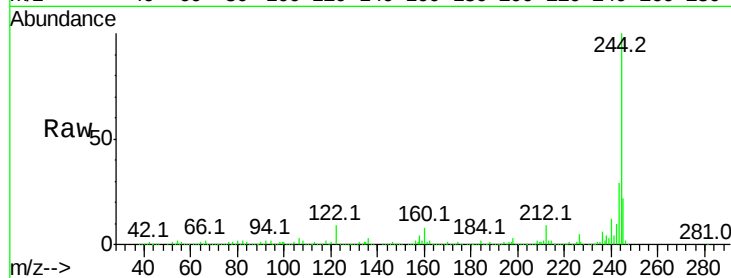
Tot Ion:244 Resp: 1831411

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

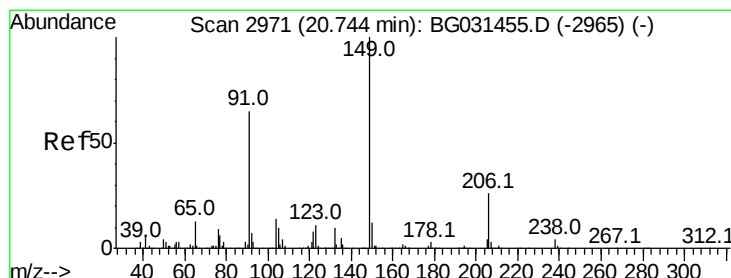
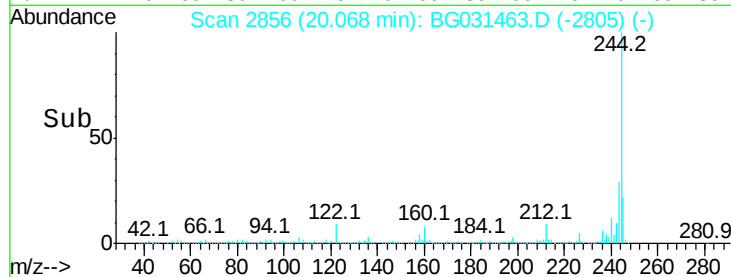
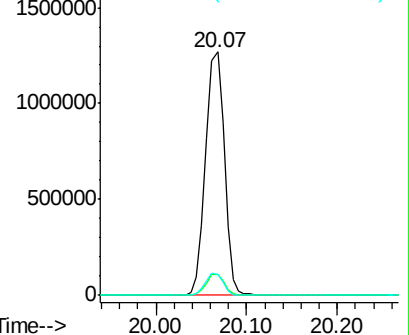
122 8.6 7.0 10.4



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: 0.006 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.02 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

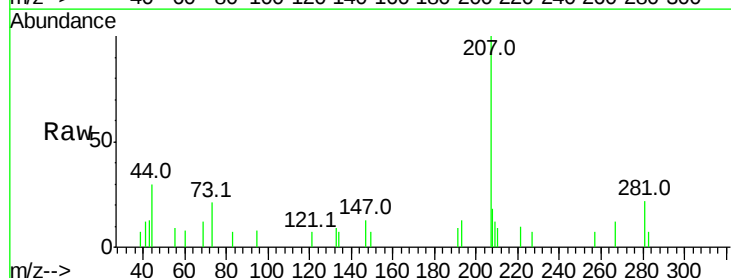
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

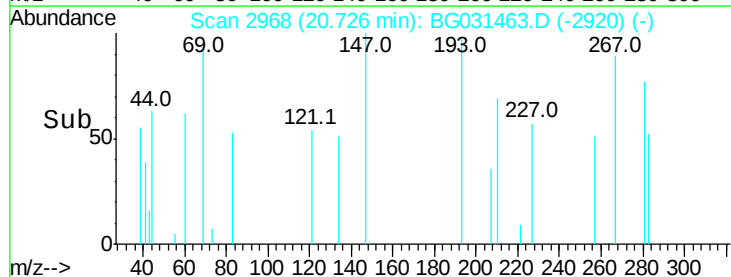
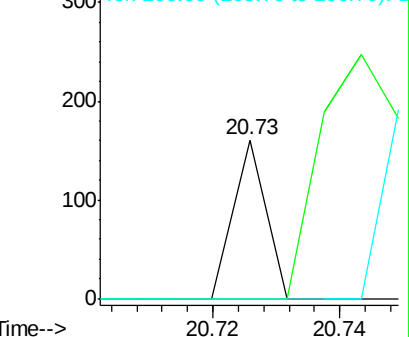
206 0.0 18.6 27.8#

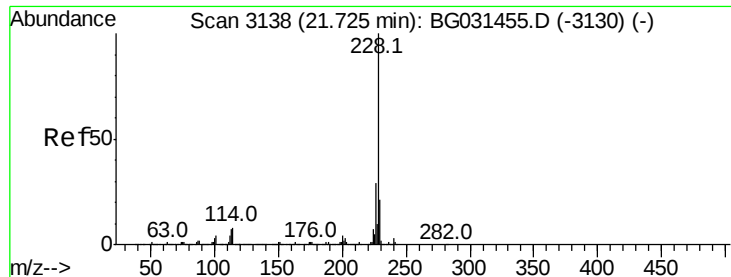


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.059 ng

RT: 21.74 min Scan# 3141

Delta R.T. 0.02 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampled :

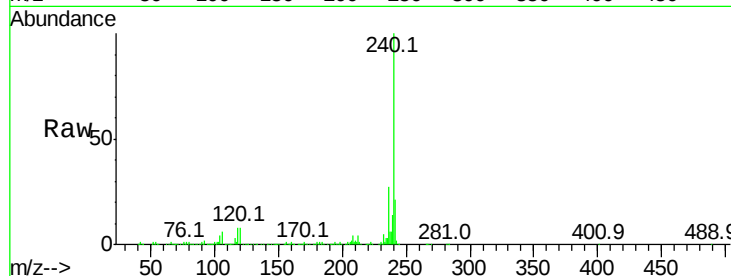
Tot Ion:228 Resp: 1682

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

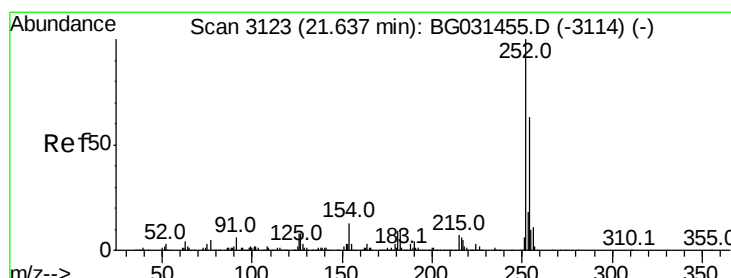
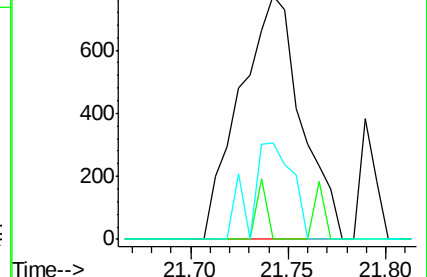
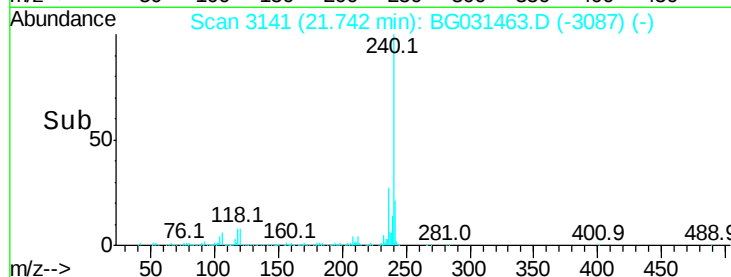
229 39.6 16.2 24.2#



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: 0.024 ng

RT: 21.67 min Scan# 3128

Delta R.T. 0.03 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

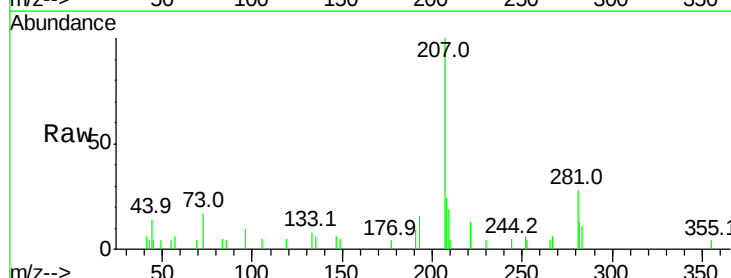
Tgt Ion:252 Resp: 234

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

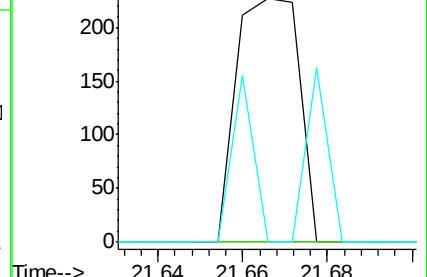
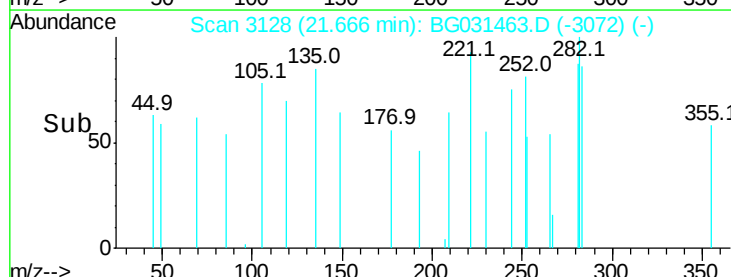
126 0.0 7.4 11.2#

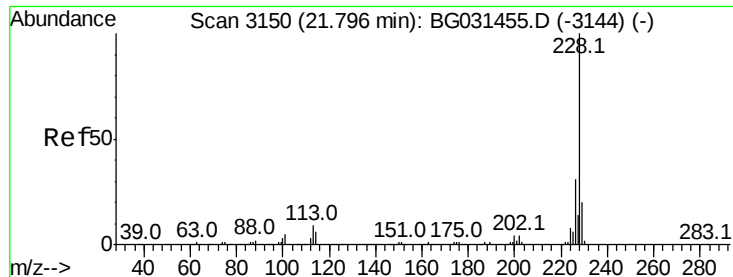


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.007 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampled :

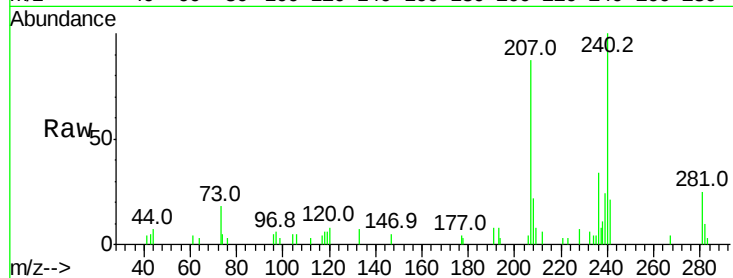
Tot Ion:228 Resp: 200

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

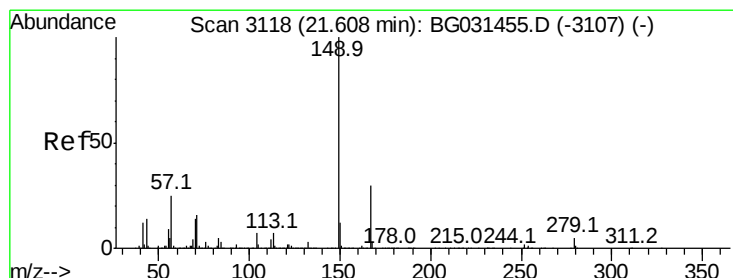
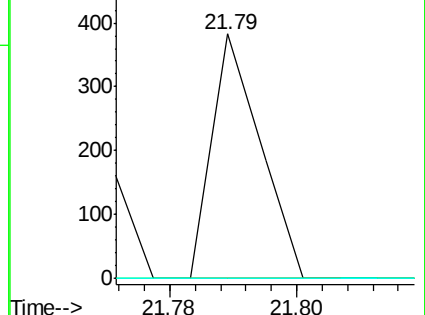
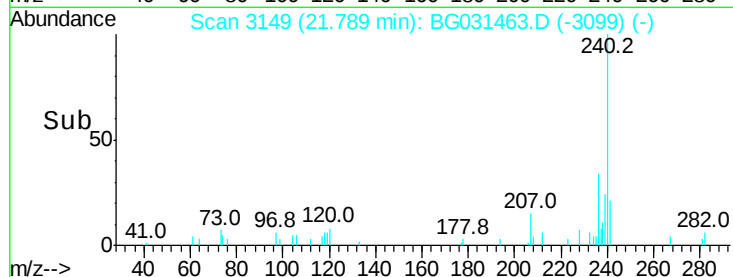
229 0.0 15.0 22.4#



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: 0.081 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

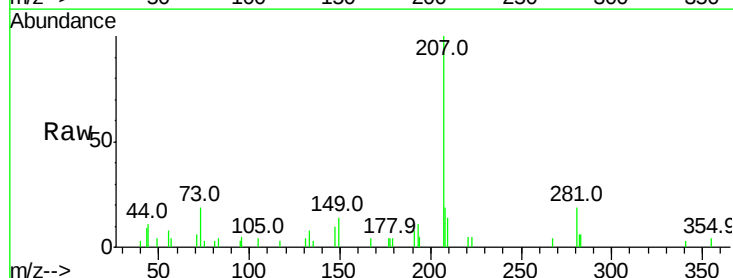
Tgt Ion:149 Resp: 1210

Ion Ratio Lower Upper

149 100

167 28.9 24.3 36.5

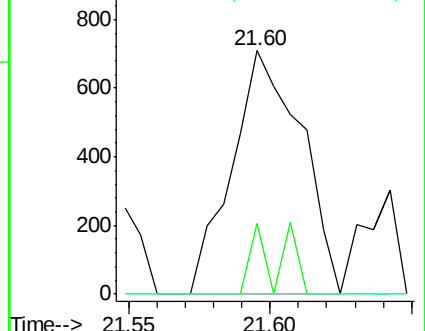
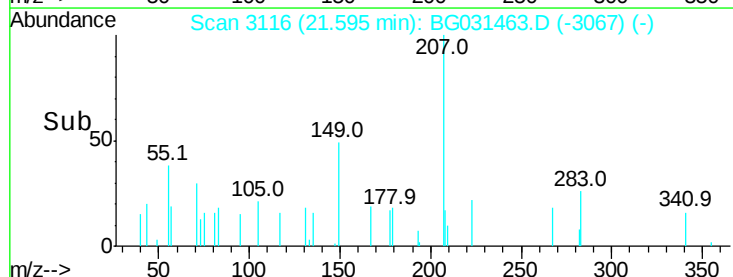
279 0.0 4.0 6.0#

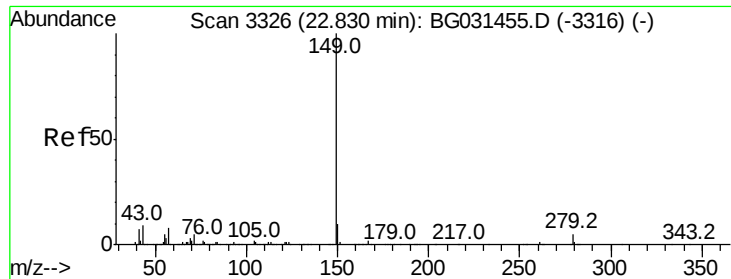


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

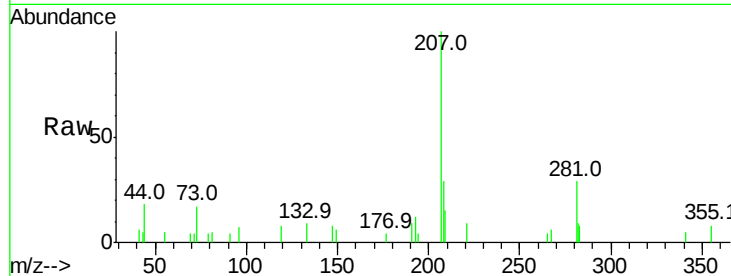




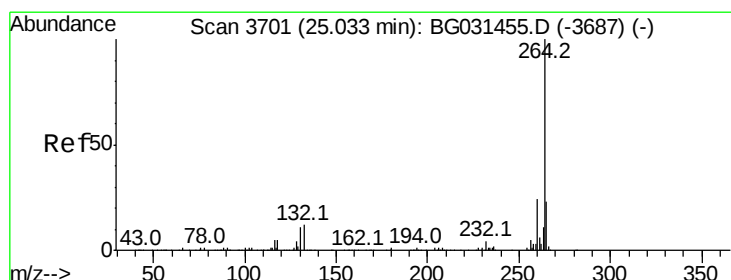
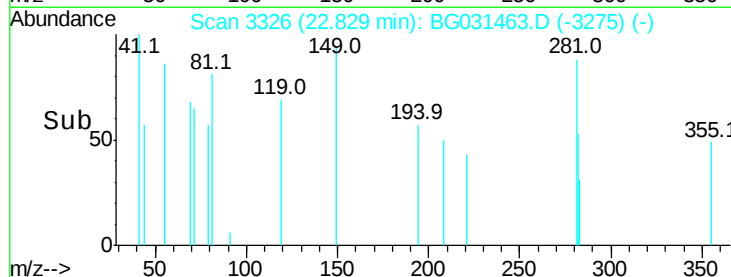
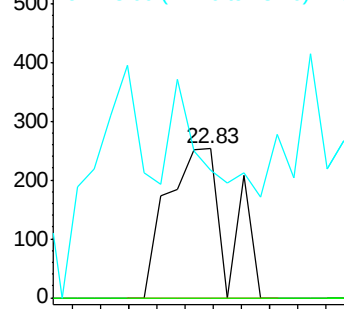
#84
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 377
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 24.4 8.9 13.3#

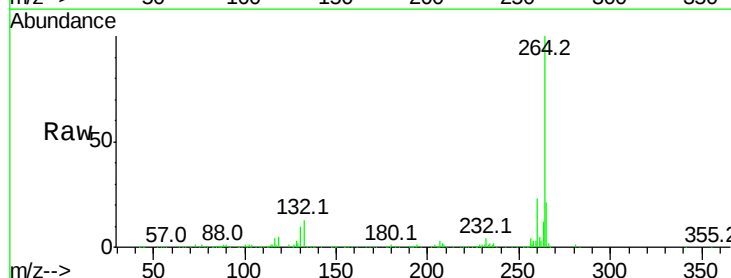


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

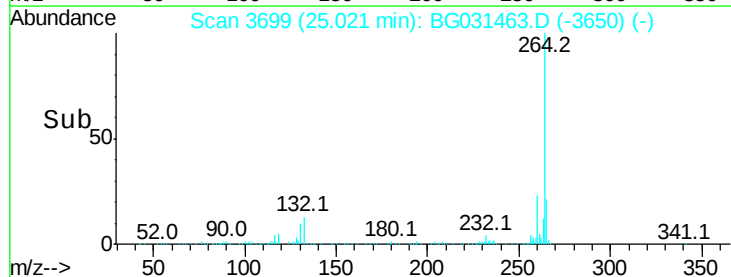
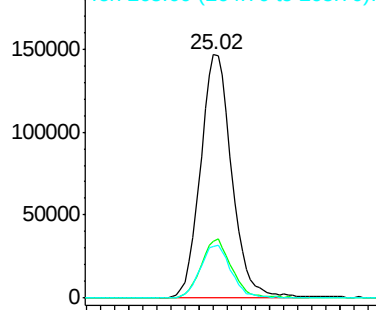


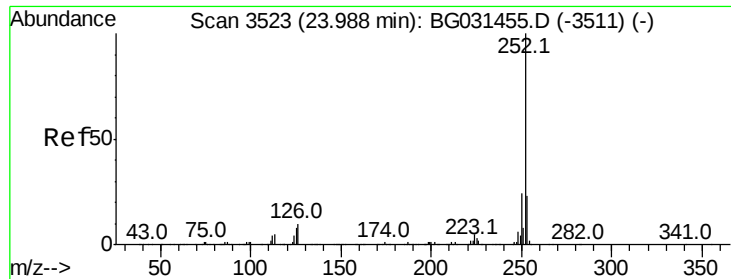
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031463.D
Acq: 11 Dec 2017 19:52

Tgt Ion:264 Resp: 452535
Ion Ratio Lower Upper
264 100
260 23.3 17.4 26.0
265 21.3 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: 0.002 ng

RT: 23.97 min Scan# 3520

Delta R.T. -0.02 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

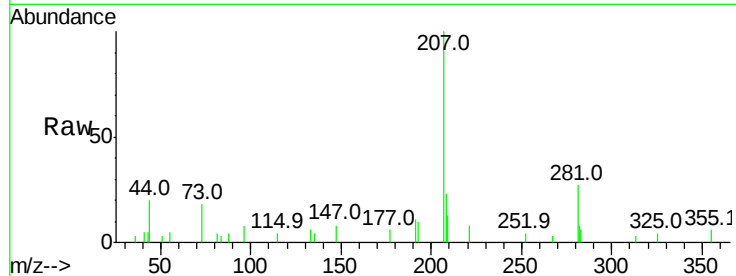
Tot Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

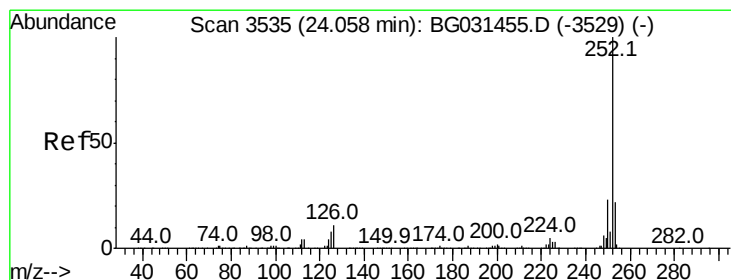
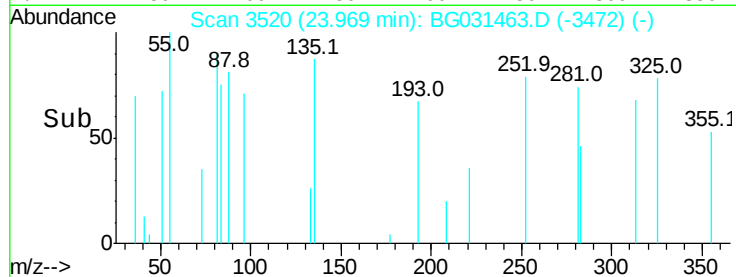
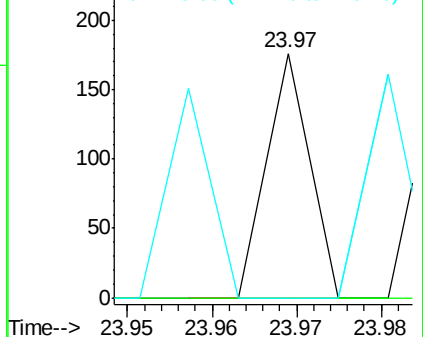
125 0.0 7.2 10.8#



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: 0.006 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

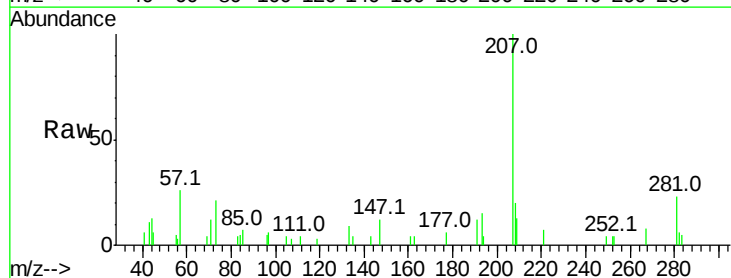
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 97.1 17.4 26.2#

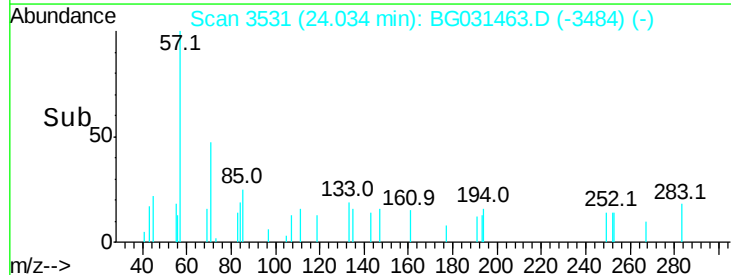
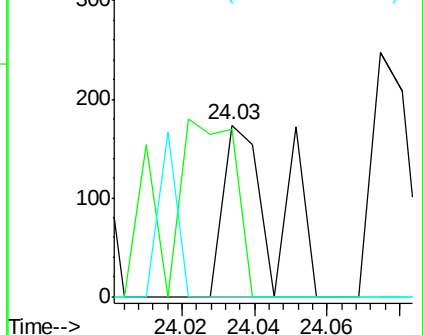
125 0.0 6.6 9.8#

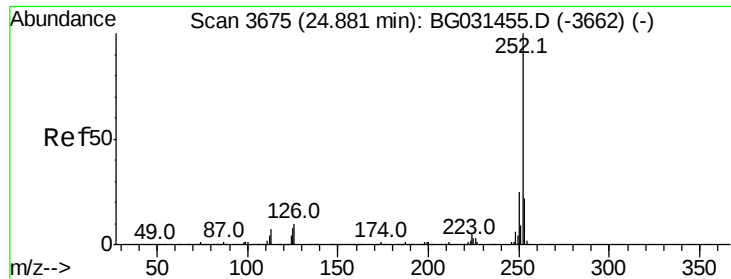


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.002 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.02 min

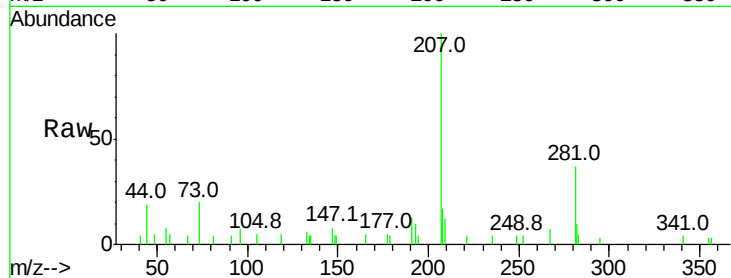
Lab File: BG031463.D

Acq: 11 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	63
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

