

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031469.D
 Acq On : 12 Dec 2017 00:42
 Operator : SJ/JU
 Sample : I6762-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:53:31 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	48235	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	196071	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	138038	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	397494	20.00	ng	0.00
75) Chrysene-d12	21.75	240	491854	20.00	ng	0.00
86) Perylene-d12	25.03	264	463136	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	133473	49.05	ng	0.00
7) Phenol-d6	7.27	99	112607	29.81	ng	0.00
23) Nitrobenzene-d5	9.27	82	318796	100.22	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	179358	110.91	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	931673	99.07	ng	0.00
78) Terphenyl-d14	20.07	244	1865375	86.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	131	0.101	ng	# 1
3) Pyridine	4.02	79	54	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	53	0.033	ng	# 1
6) Aniline	7.63	93	273	0.055	ng	# 1
9) Benzaldehyde	7.28	77	72	0.033	ng	# 5
10) Phenol	7.31	94	3454	0.890	ng	92
11) bis(2-Chloroethyl)ether	7.63	93	273	0.086	ng	# 1
14) 1,2-Dichlorobenzene	8.43	146	54	0.015	ng	# 1
15) Benzyl Alcohol	8.43	79	5593	1.893	ng	# 41
17) 2-Methylphenol	8.64	107	62	0.023	ng	# 13
18) Hexachloroethane	9.30	117	144	0.114	ng	# 1
20) 3+4-Methylphenols	8.64	107	62	0.016	ng	# 24
22) Acetophenone	8.98	105	68	0.014	ng	# 18
24) Nitrobenzene	9.28	77	1046	0.321	ng	# 43
25) Isophorone	9.87	82	54	0.009	ng	# 69
31) Naphthalene	10.98	128	18873	1.959	ng	97
33) 4-Chloroaniline	10.98	127	2471	0.591	ng	# 29
35) Caprolactam	11.87	113	58	0.051	ng	# 1
37) 2-Methylnaphthalene	12.59	142	6939	0.930	ng	96
45) 1,1'-Biphenyl	13.59	154	3408	0.301	ng	86
48) Acenaphthylene	14.72	152	129	0.010	ng	# 59
49) Dimethylphthalate	14.19	163	16551	1.448	ng	# 98
50) 2,6-Dinitrotoluene	14.19	165	64	0.026	ng	# 18
51) Acenaphthene	14.80	154	17812	2.110	ng	# 91
54) Dibenzofuran	15.15	168	19963	1.482	ng	98
55) 4-Nitrophenol	15.15	139	6901	7.462	ng	# 2
56) 2,4-Dinitrotoluene	15.09	165	64	0.018	ng	# 16
57) Fluorene	15.78	166	20218	1.873	ng	95
59) Diethylphthalate	15.54	149	3160	0.276	ng	# 87
60) 4-Chlorophenyl-phenylether	16.01	204	135	0.020	ng	# 30
61) 4-Nitroaniline	15.79	138	156	0.060	ng	# 12
62) Azobenzene	16.08	77	65	0.007	ng	# 1
65) n-Nitrosodiphenylamine	16.21	169	6723	0.578	ng	# 42
67) Hexachlorobenzene	16.81	284	55	0.012	ng	# 41

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
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 Sample : I6762-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

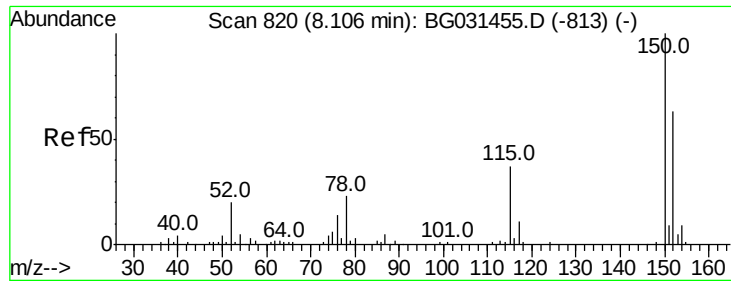
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:53:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) Pentachlorophenol	17.09	266	55	5.684	nq	# 19
70) Phenanthrene	17.52	178	78556	3.784	nq	98
71) Anthracene	17.52	178	78556	3.826	nq	99
72) Carbazole	17.90	167	9386	0.505	nq	# 86
73) Di-n-butylphthalate	18.42	149	1293	0.060	nq	# 79
74) Fluoranthene	19.53	202	39380	1.516	nq	98
76) Benzidine	19.74	184	655	0.057	nq	# 66
77) Pyrene	19.89	202	24409	0.799	nq	96
79) Butylbenzylphthalate	20.76	149	139	0.013	nq	# 75
80) Benzo(a)anthracene	21.80	228	2936	0.099	nq	97
81) 3,3'-Dichlorobenzidine	21.43	252	57	0.006	nq	# 26
82) Chrysene	21.80	228	2936	0.103	nq	# 93
83) Bis(2-ethylhexyl)phthalate	21.60	149	2796	0.181	nq	# 87
84) Di-n-octyl phthalate	22.83	149	387	0.015	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.89	276	64	0.002	nq	# 53
87) Benzo(b)fluoranthene	24.02	252	1203	0.043	nq	# 43
88) Benzo(k)fluoranthene	24.06	252	465	0.016	nq	# 60
89) Benzo(a)pyrene	24.87	252	471	0.018	nq	# 59

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

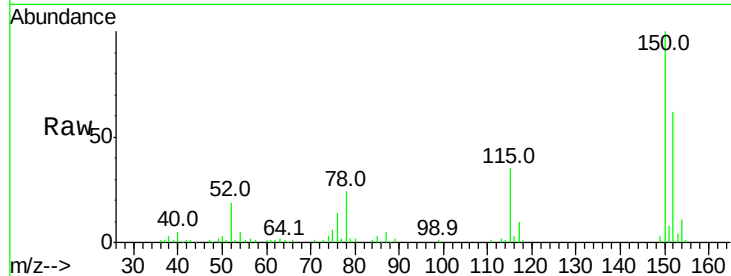


#1

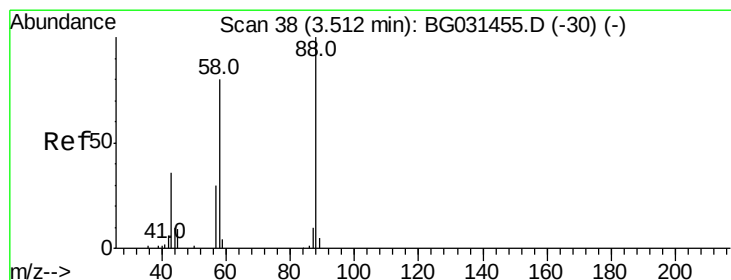
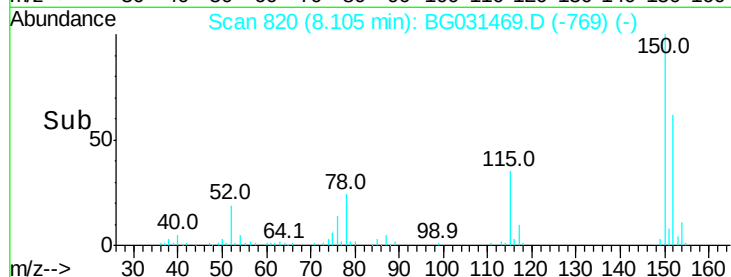
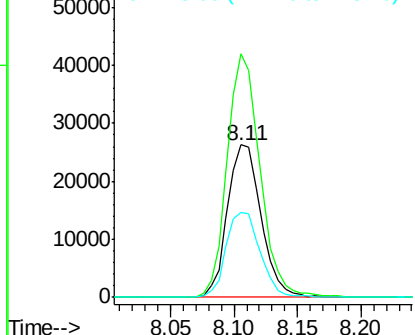
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48235
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 55.9 53.0 79.4



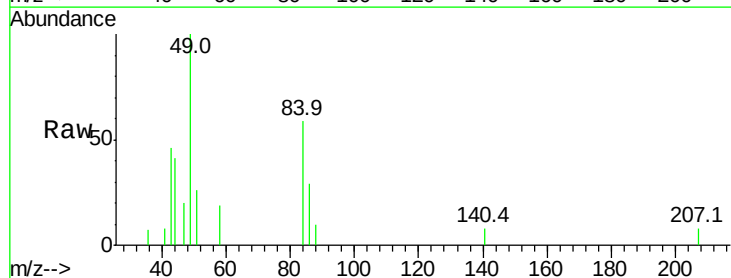
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



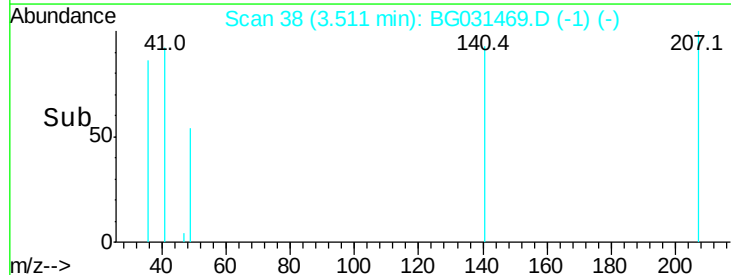
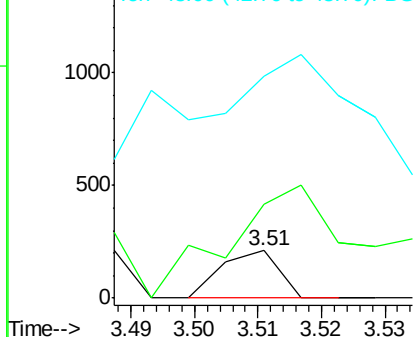
#2

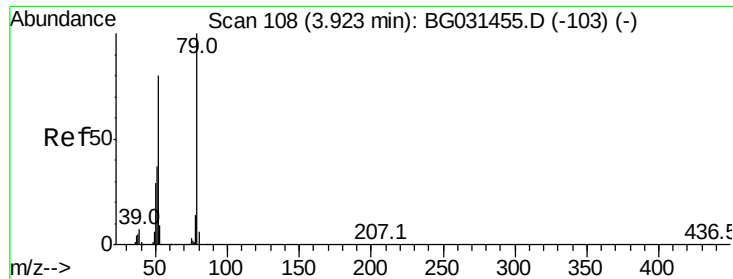
1,4-Dioxane
Concen: 0.101 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.00 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
58 648.1 79.6 119.4#
43 500.8 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





#3

Pvridine

Concen: 0.016 ng

RT: 4.02 min Scan# 124

Delta R.T. 0.09 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

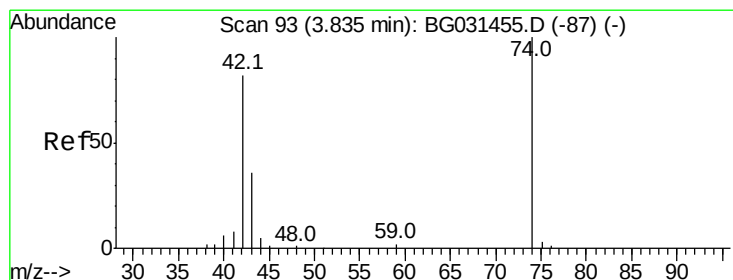
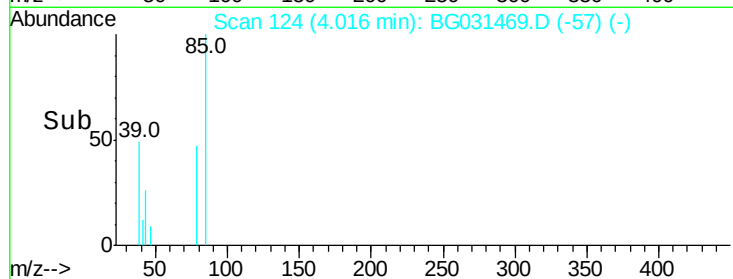
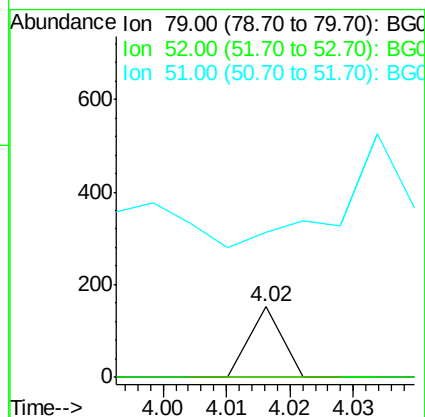
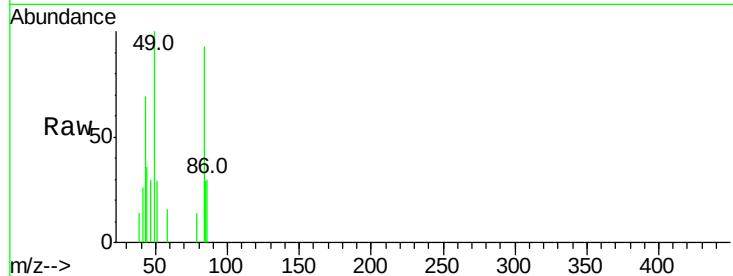
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 205.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

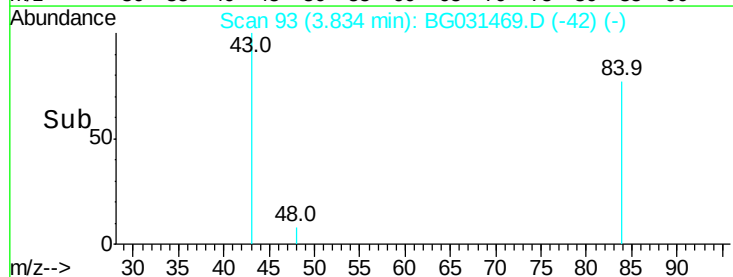
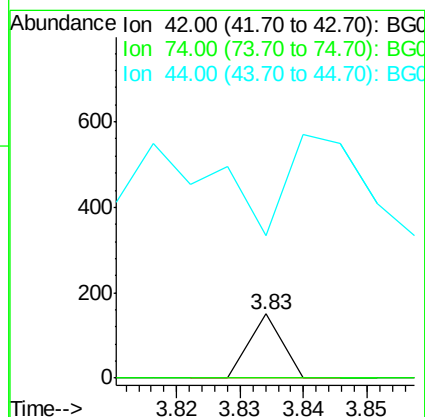
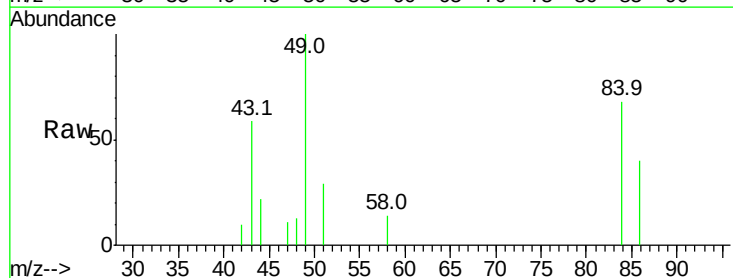
Tgt Ion: 42 Resp: 53

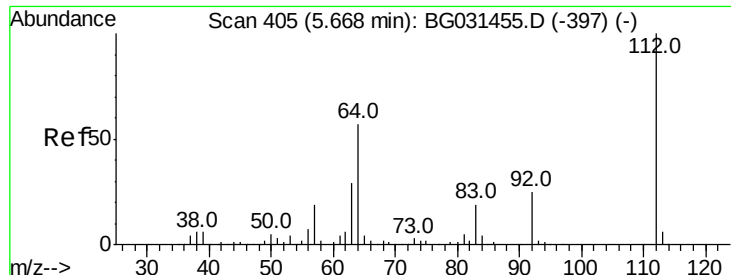
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 222.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 49.048 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampled :

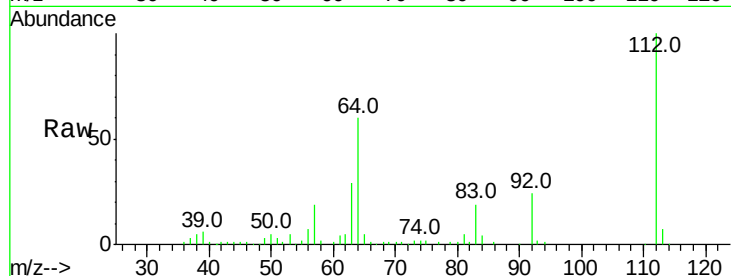
Tot Ion:112 Resp: 133473

Ion Ratio Lower Upper

112 100

64 60.1 56.3 84.5

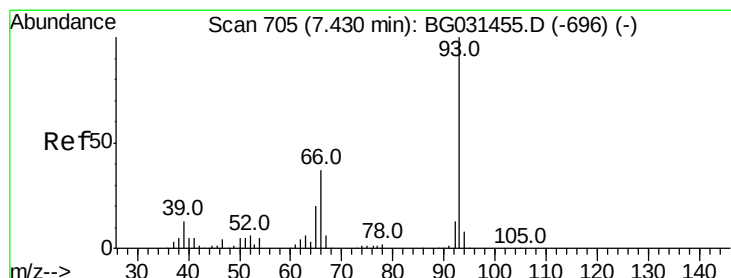
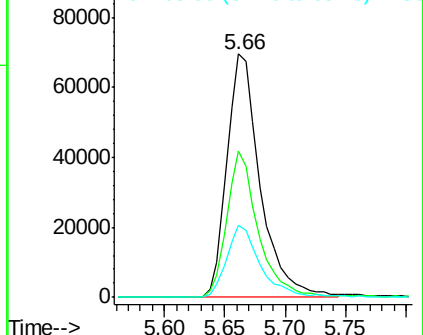
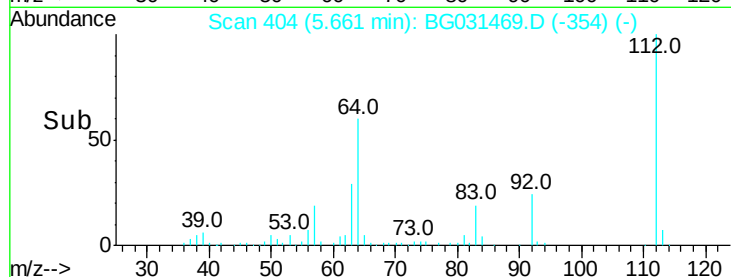
63 29.4 30.1 45.1#



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: 0.055 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.20 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

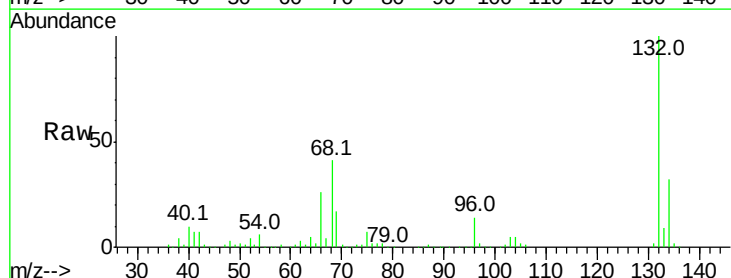
Tgt Ion: 93 Resp: 273

Ion Ratio Lower Upper

93 100

66 8066.9 33.7 50.5#

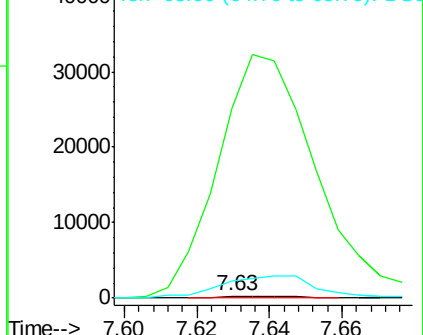
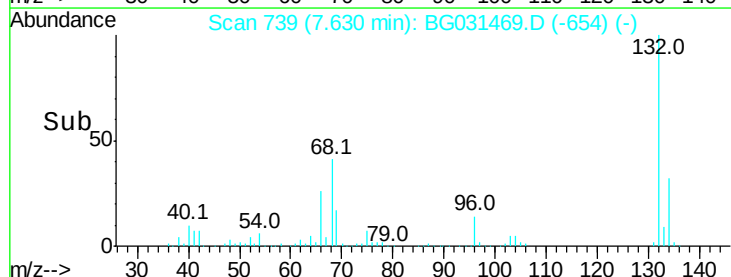
65 725.4 16.1 24.1#

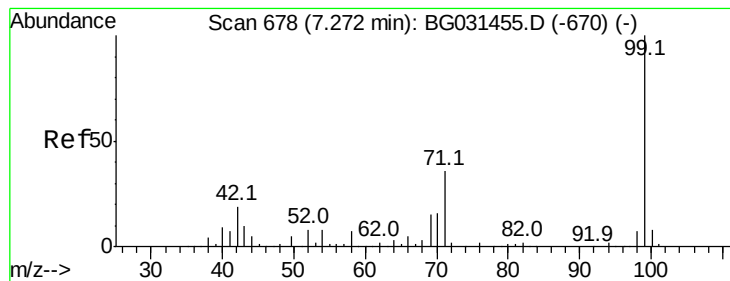


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 29.808 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

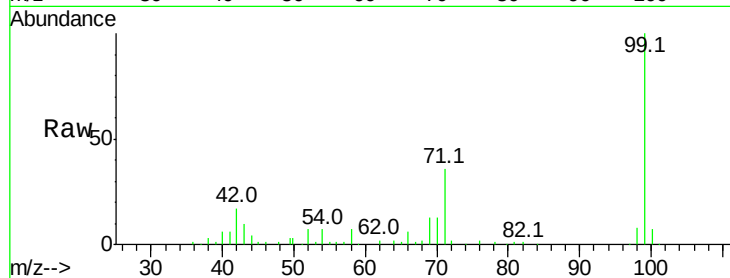
Tot Ion: 99 Resp: 112607

Ion Ratio Lower Upper

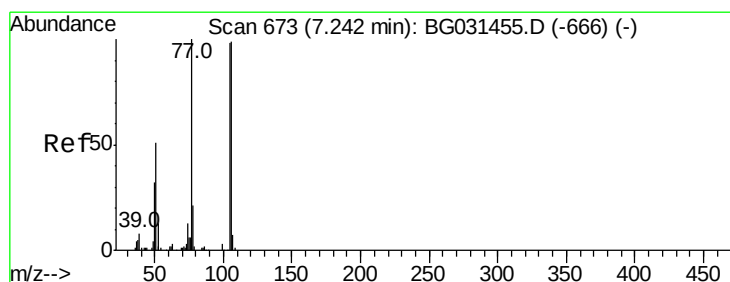
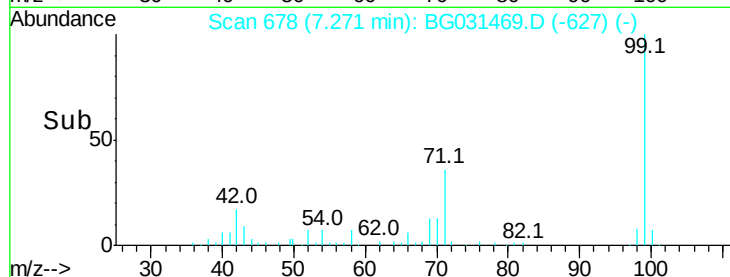
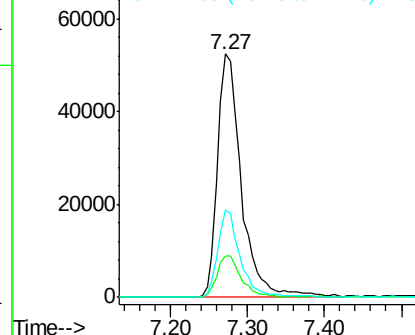
99 100

42 17.2 14.1 21.1

71 36.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.033 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.03 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

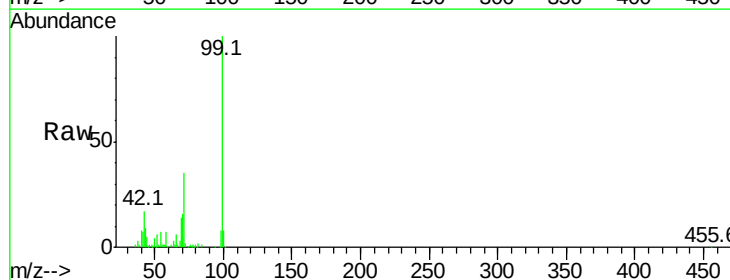
Tgt Ion: 77 Resp: 72

Ion Ratio Lower Upper

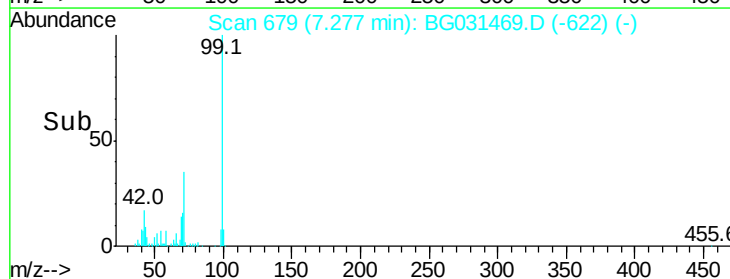
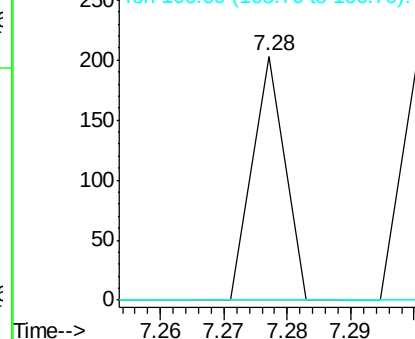
77 100

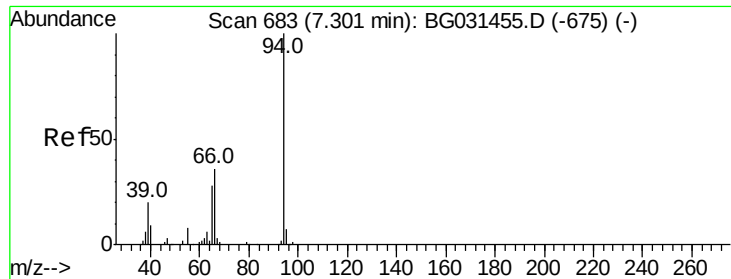
105 0.0 71.3 111.3#

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: 0.890 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

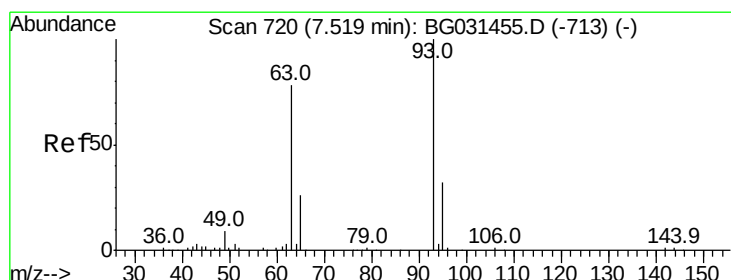
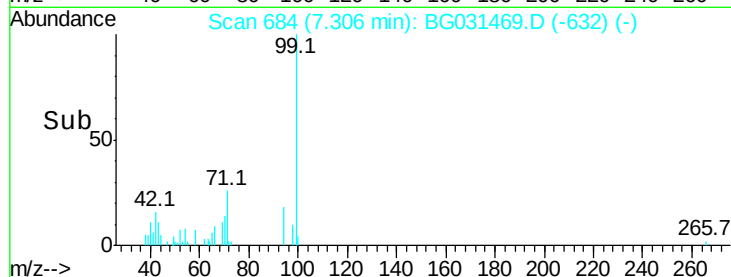
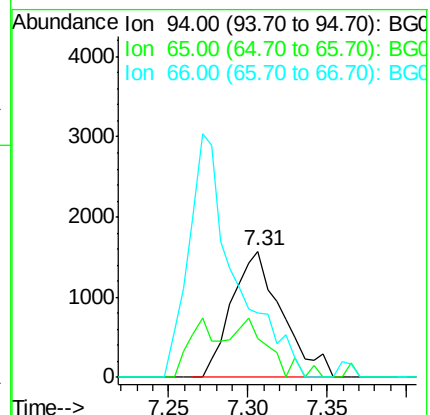
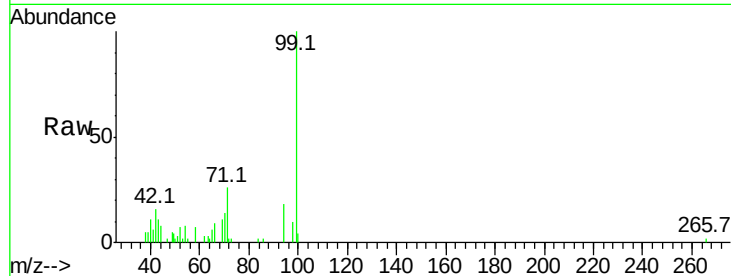
Tot Ion: 94 Resp: 3454

Ion Ratio Lower Upper

94 100

65 31.2 11.9 51.9

66 50.7 22.2 62.2



#11

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.11 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

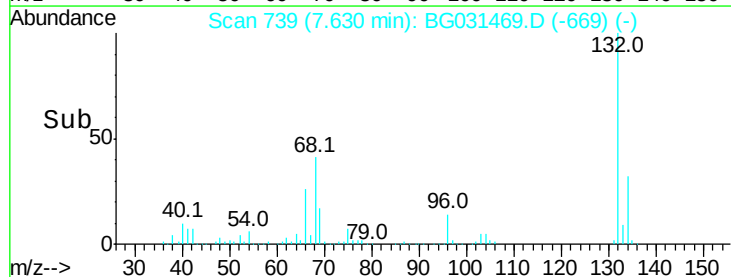
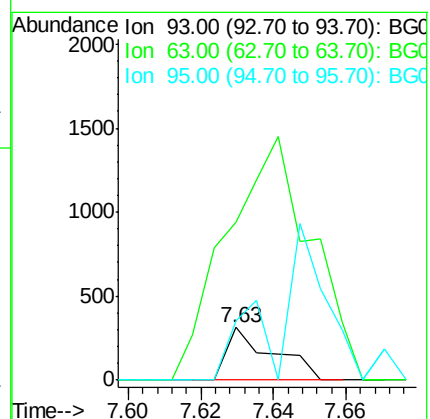
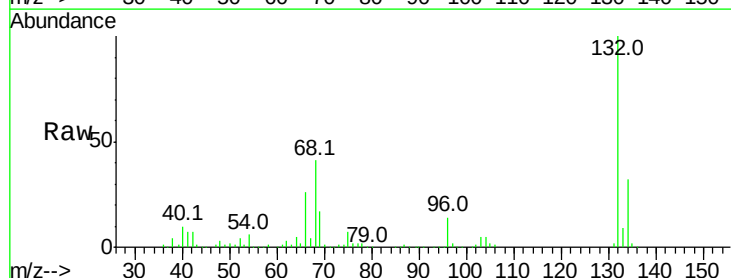
Tgt Ion: 93 Resp: 273

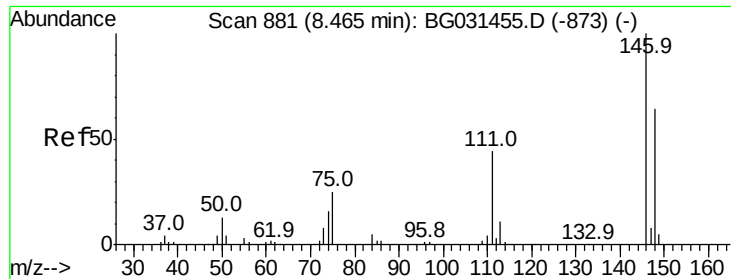
Ion Ratio Lower Upper

93 100

63 303.2 67.1 107.1#

95 113.8 11.5 51.5#





#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.04 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

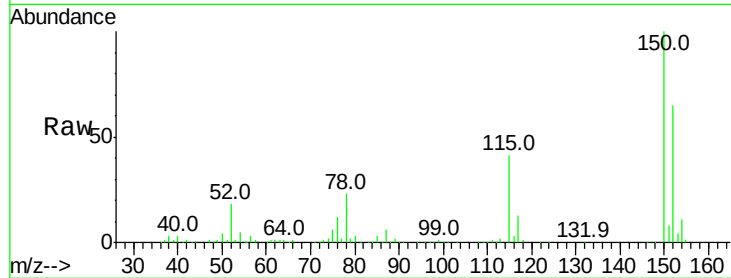
Instrument :

BNA_G

ClientSampled :

Tot Ion:146 Resp: 54

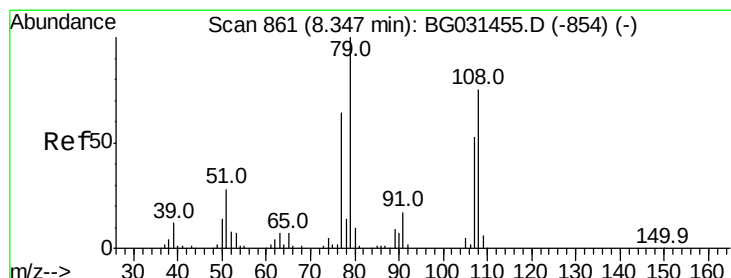
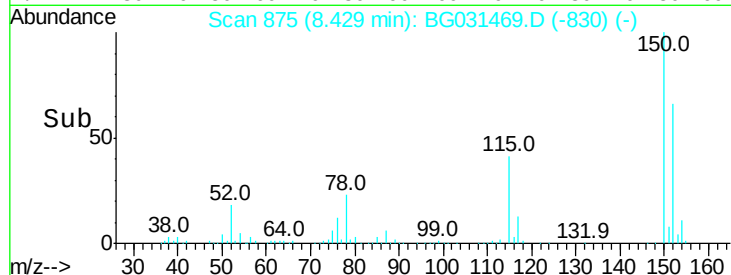
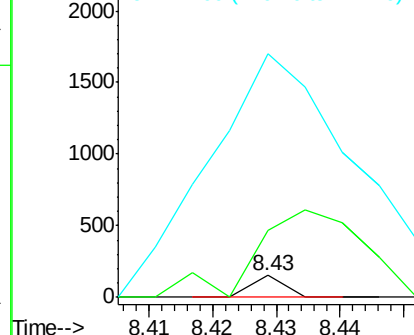
Ion	Ratio	Lower	Upper
146	100		
148	306.6	49.3	73.9#
111	1118.4	34.3	51.5#



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



#15

Benzyl Alcohol

Concen: 1.893 ng

RT: 8.43 min Scan# 875

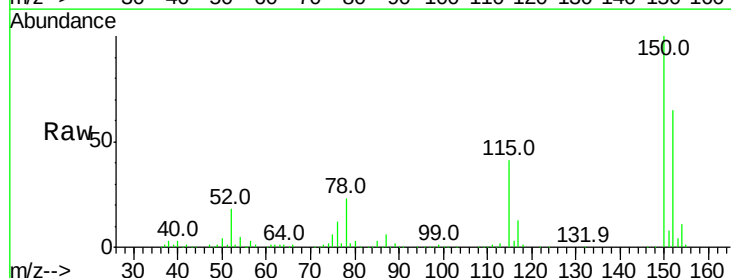
Delta R.T. 0.08 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Tgt Ion: 79 Resp: 5593

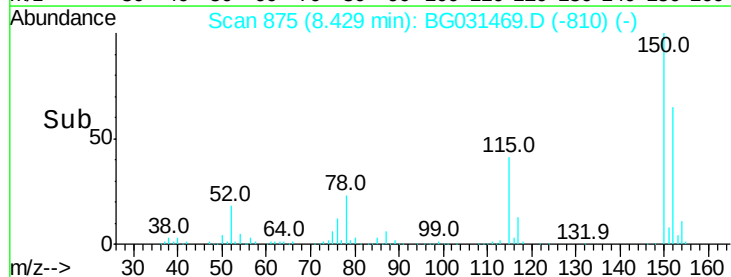
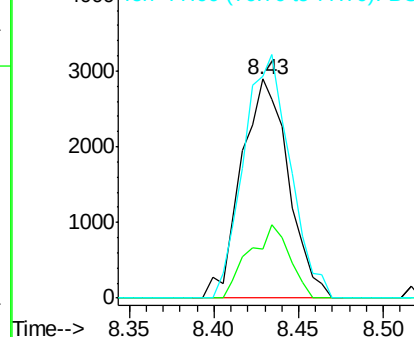
Ion	Ratio	Lower	Upper
79	100		
108	22.6	57.2	85.8#
77	101.1	46.1	69.1#

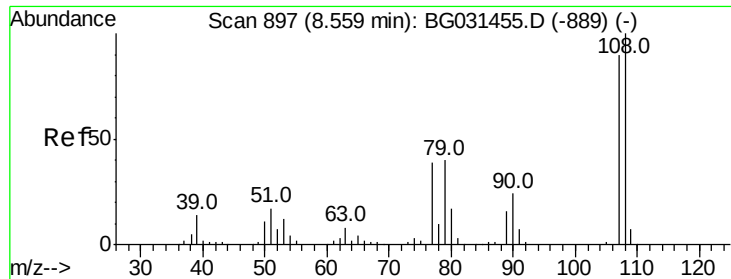


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#17

2-Methylphenol

Concen: 0.023 ng

RT: 8.64 min Scan# 911

Delta R.T. 0.08 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 62

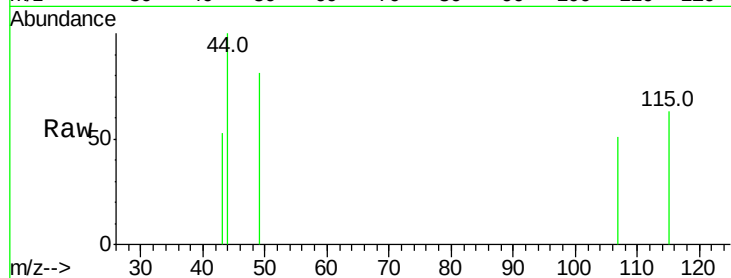
Ion Ratio Lower Upper

107 100

108 0.0 83.9 125.9#

77 0.0 37.2 55.8#

79 0.0 36.2 54.2#

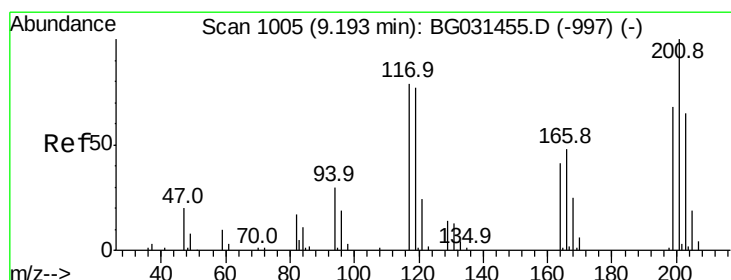
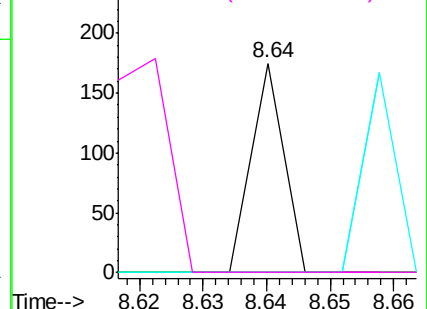
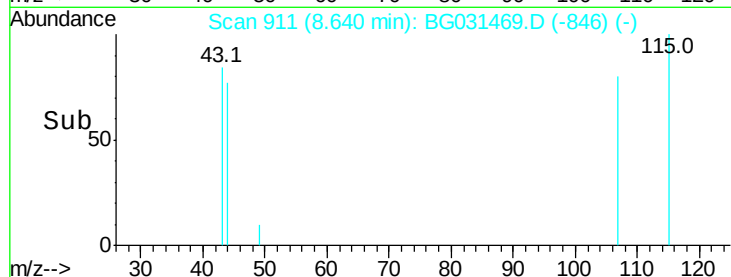


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 0.114 ng

RT: 9.30 min Scan# 1024

Delta R.T. 0.11 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

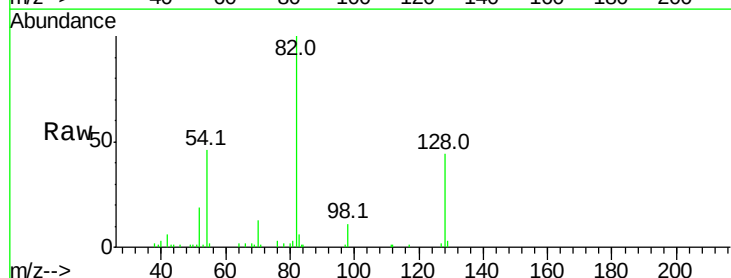
Tgt Ion:117 Resp: 144

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

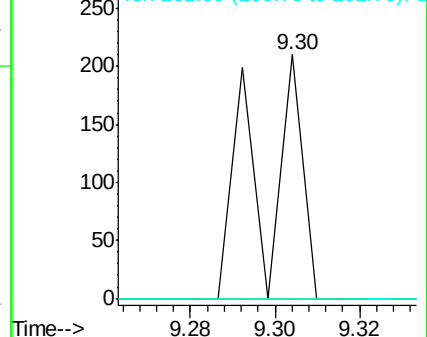
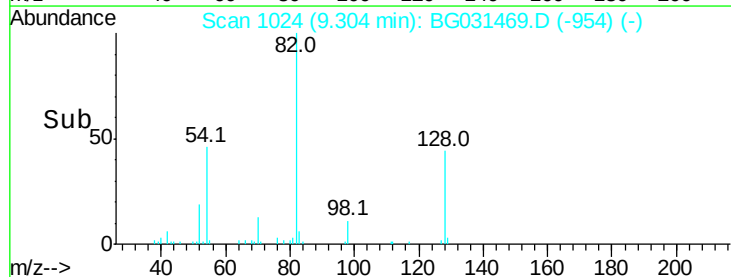
201 0.0 95.7 143.5#

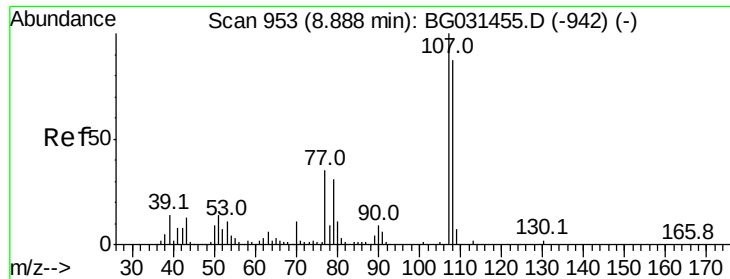


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

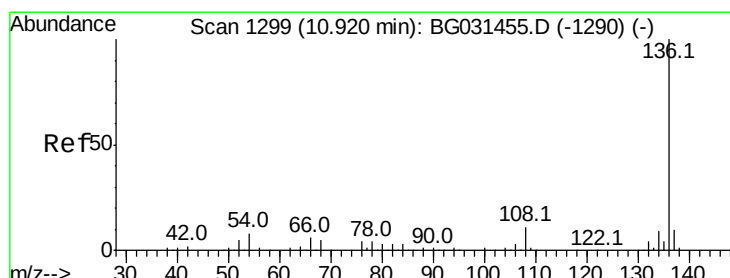
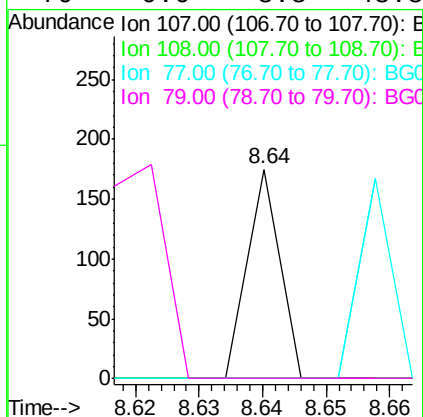
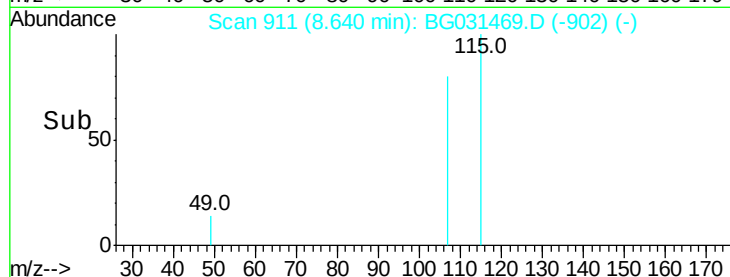
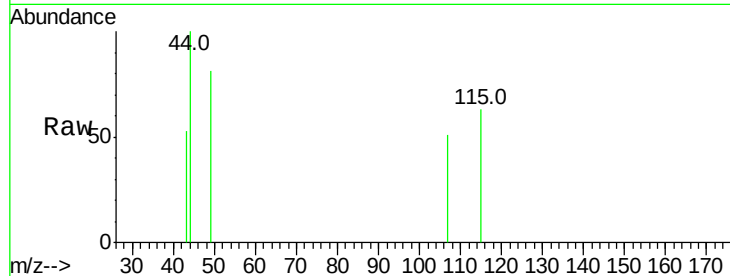




#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 8.64 min Scan# 911
Delta R.T. -0.25 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

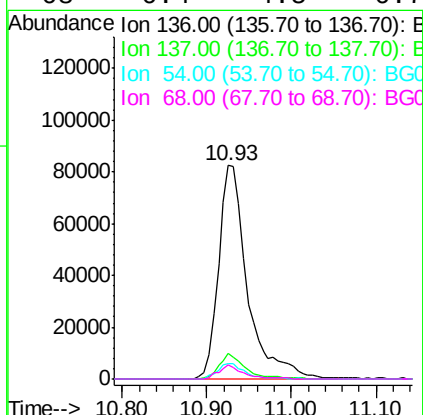
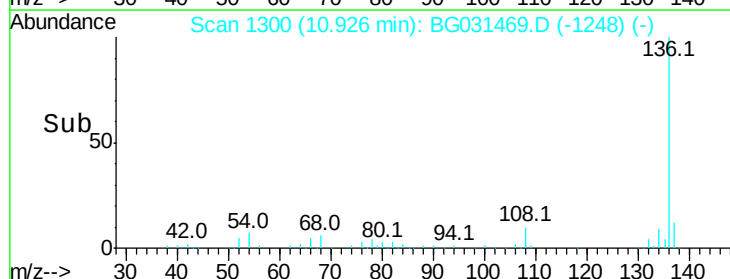
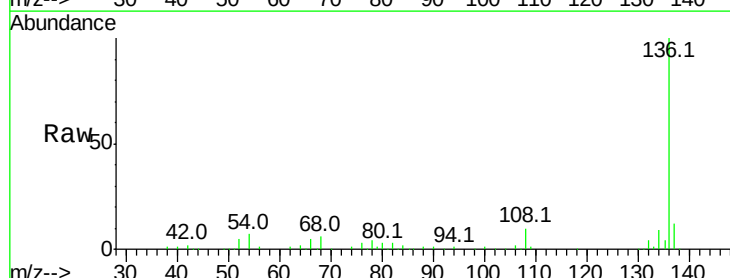
Instrument :
BNA_G
ClientSampled :

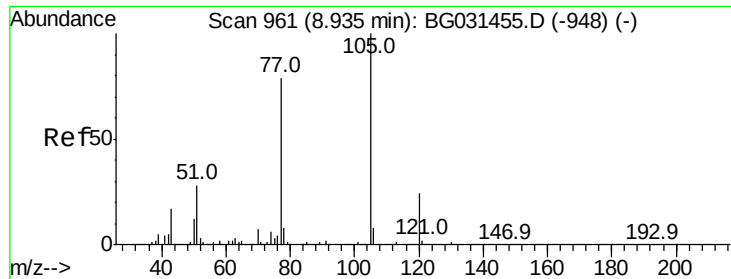
Tot Ion:	107	Resp:	62
Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:	136	Resp:	196071
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.3	10.3	15.5#
68	6.4	4.5	6.7





#22

Acetophenone

Concen: 0.014 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.05 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 68

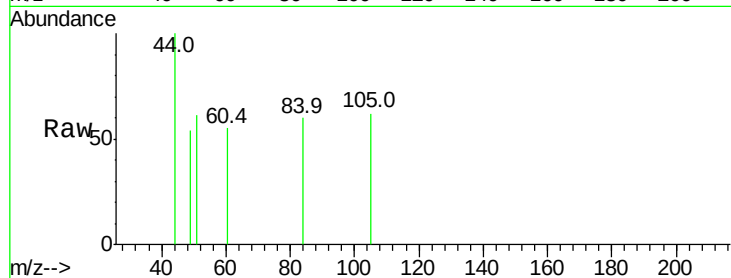
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 96.9 26.1 39.1#

120 0.0 17.4 26.2#

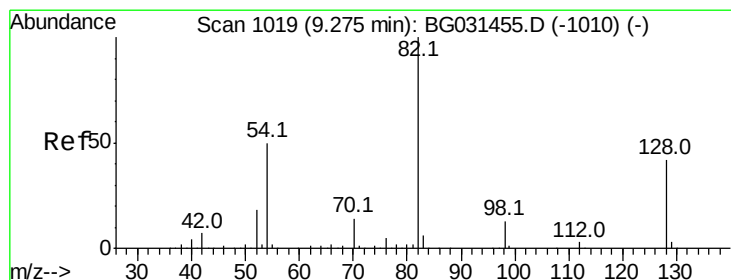
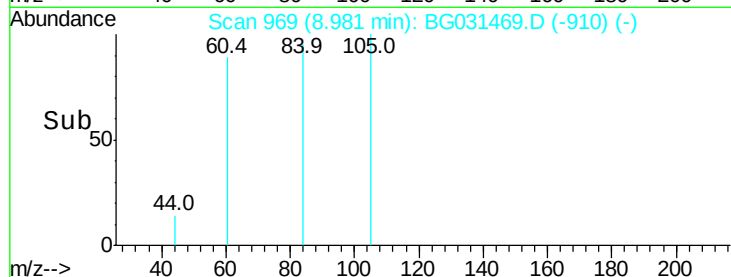
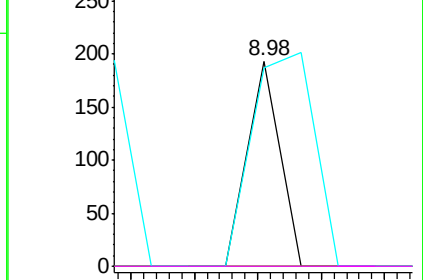


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 100.216 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

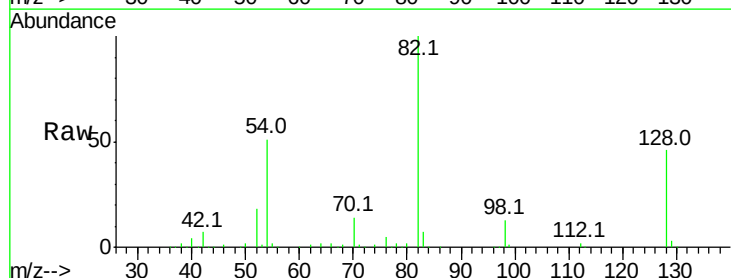
Tgt Ion: 82 Resp: 318796

Ion Ratio Lower Upper

82 100

128 46.0 29.7 44.5#

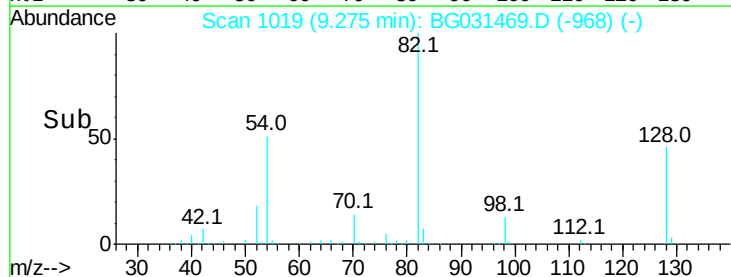
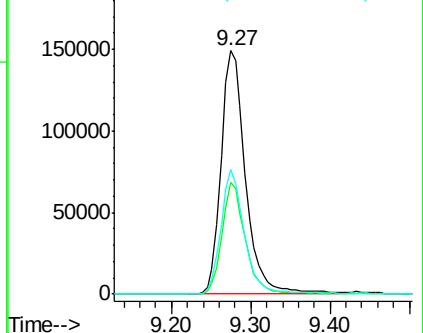
54 51.1 43.1 64.7

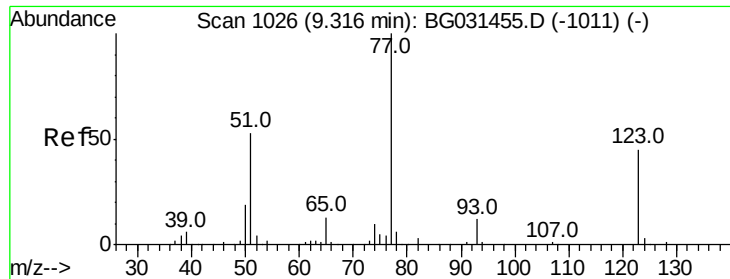


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

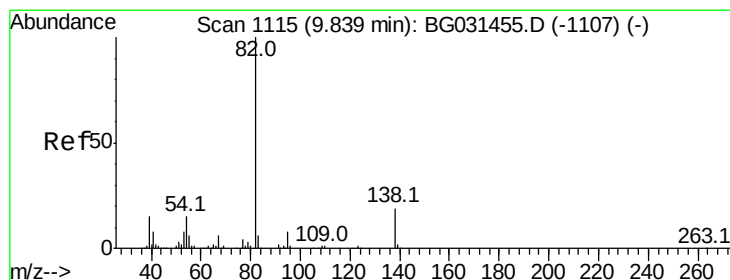
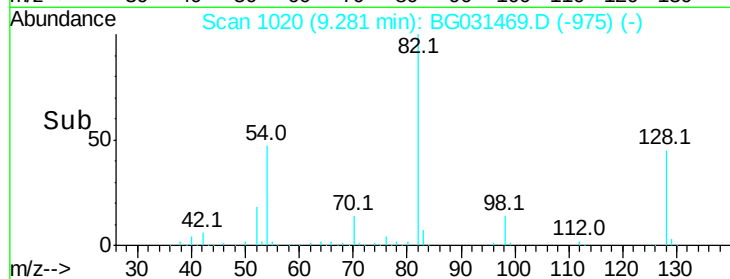
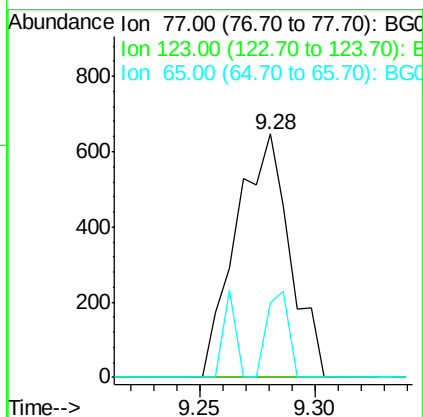
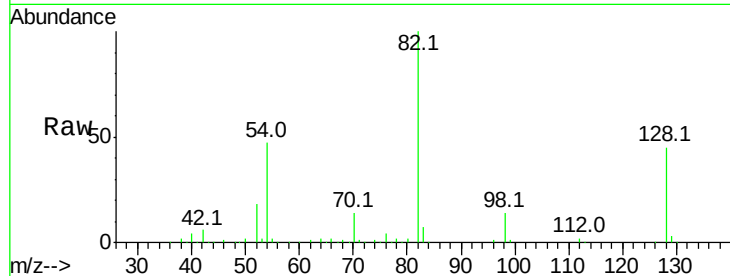




#24
 Nitrobenzene
 Concen: 0.321 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG031469.D
 Acq: 12 Dec 2017 00:42

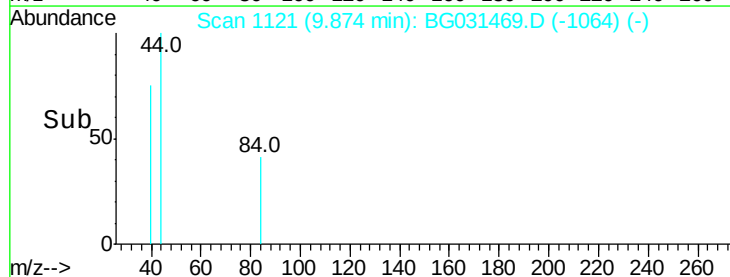
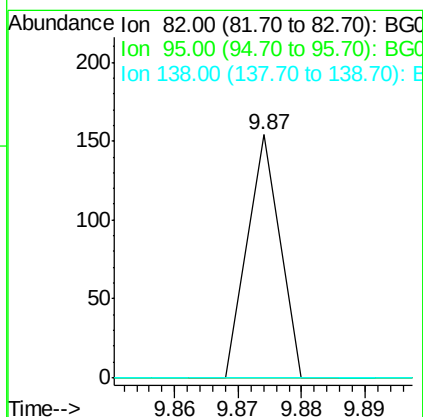
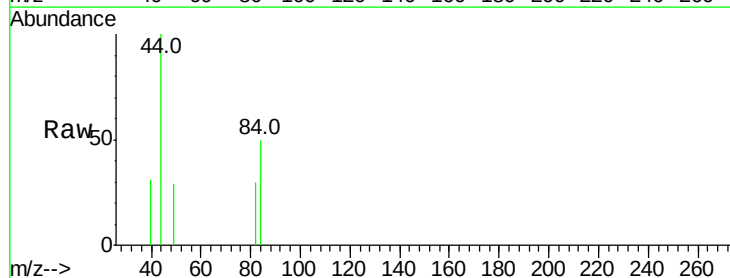
Instrument :
 BNA_G
 ClientSampled :

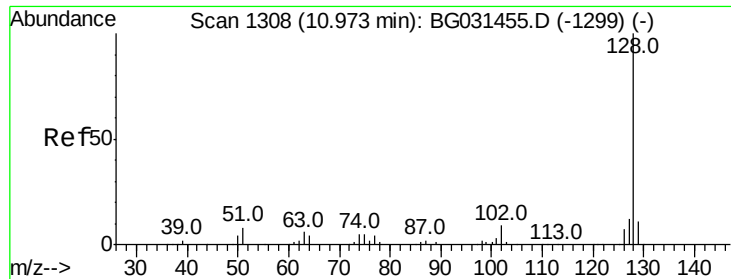
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	30.6	13.0	19.6#



#25
 Isophorone
 Concen: 0.009 ng
 RT: 9.87 min Scan# 1121
 Delta R.T. 0.03 min
 Lab File: BG031469.D
 Acq: 12 Dec 2017 00:42

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

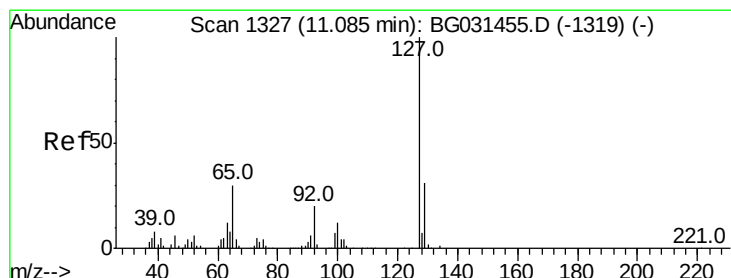
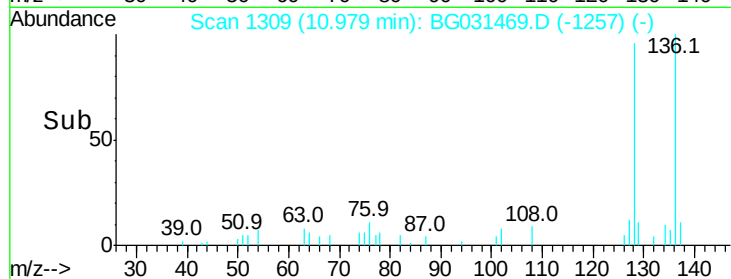
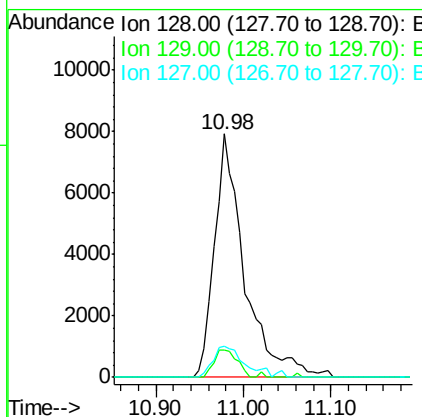
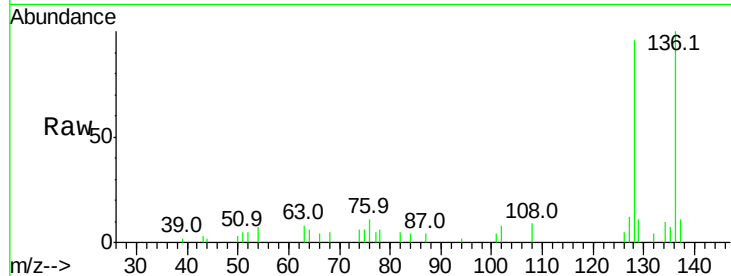




#31
Naphthalene
Concen: 1.959 ng
RT: 10.98 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

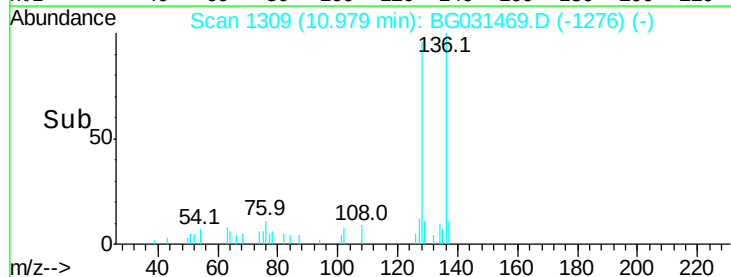
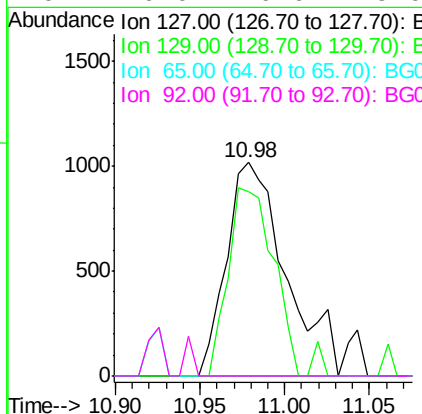
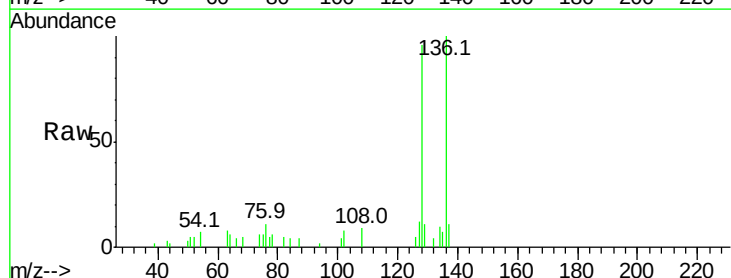
Instrument :
BNA_G
ClientSampleId :

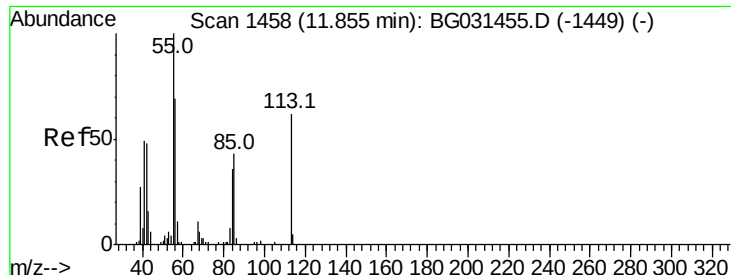
Tot Ion:128 Resp: 18873
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.9 11.6 17.4



#33
4-Chloroaniline
Concen: 0.591 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.11 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:127 Resp: 2471
Ion Ratio Lower Upper
127 100
129 86.1 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

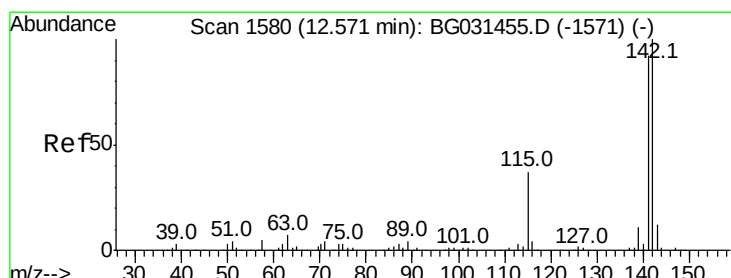
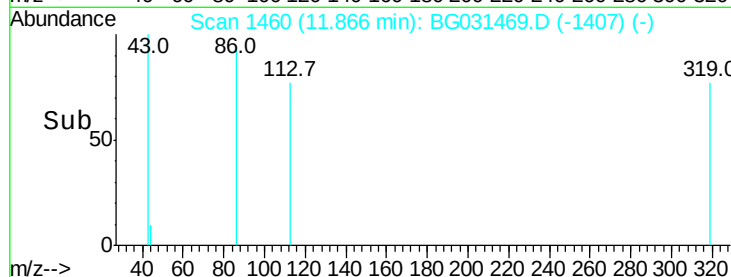
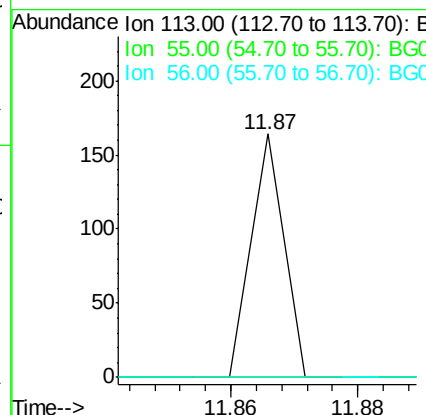
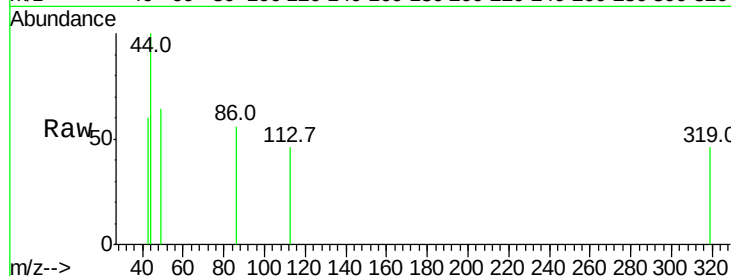




#35
 Caprolactam
 Concen: 0.051 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG031469.D
 Acq: 12 Dec 2017 00:42

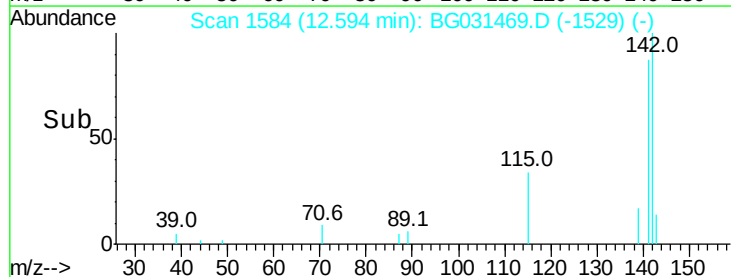
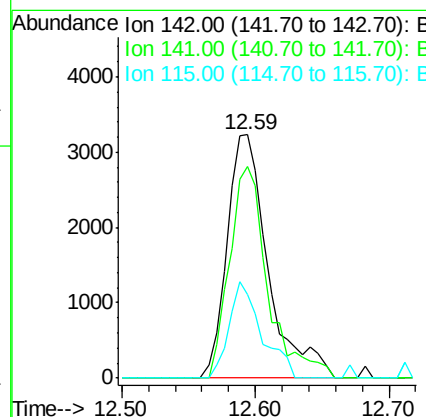
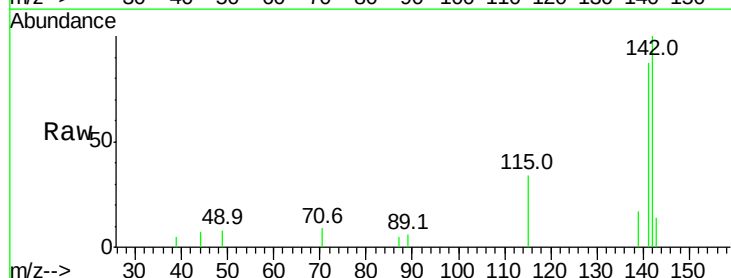
Instrument :
 BNA_G
 ClientSampleId :

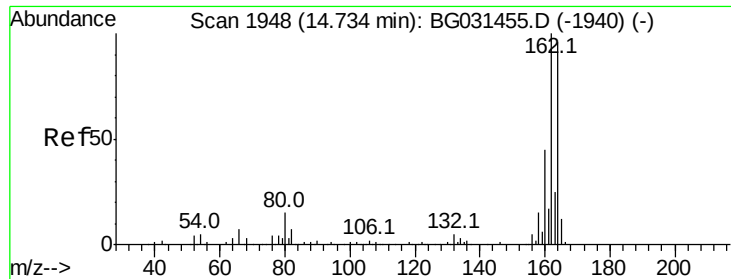
Tot Ion:113 Resp: 58
 Ion Ratio Lower Upper
 113 100
 55 0.0 186.9 226.9#
 56 0.0 130.9 170.9#



#37
 2-Methylnaphthalene
 Concen: 0.930 ng
 RT: 12.59 min Scan# 1584
 Delta R.T. 0.02 min
 Lab File: BG031469.D
 Acq: 12 Dec 2017 00:42

Tgt Ion:142 Resp: 6939
 Ion Ratio Lower Upper
 142 100
 141 86.9 67.1 100.7
 115 34.2 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampled :

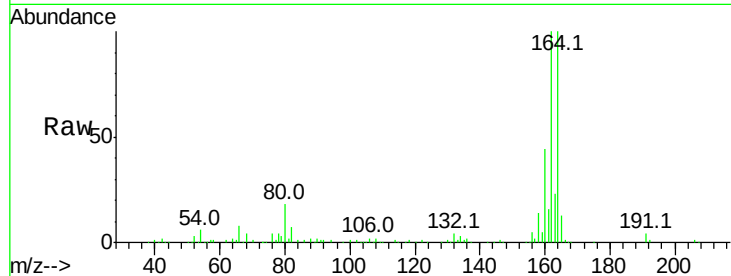
Tot Ion:164 Resp: 138038

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

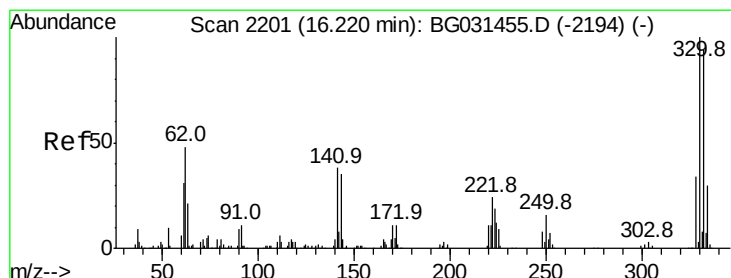
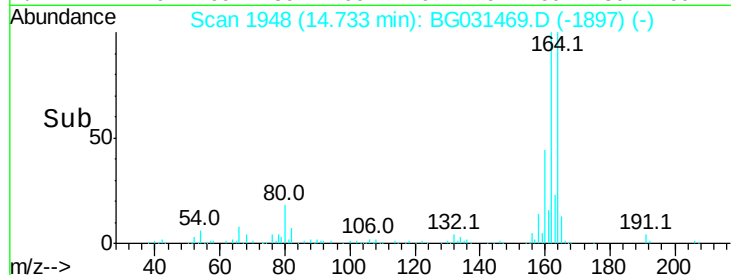
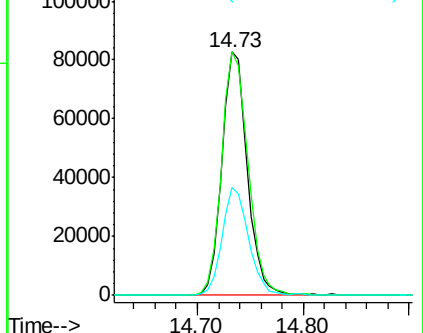
160 44.3 35.4 53.0



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: 110.908 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

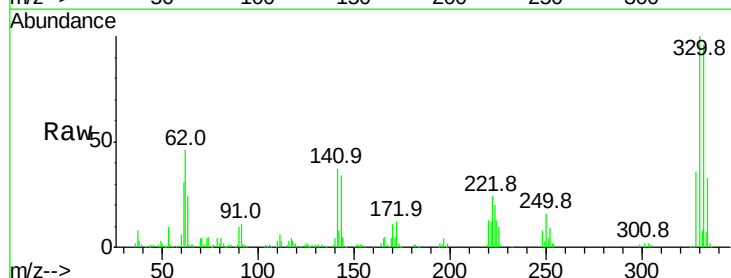
Tgt Ion:330 Resp: 179358

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

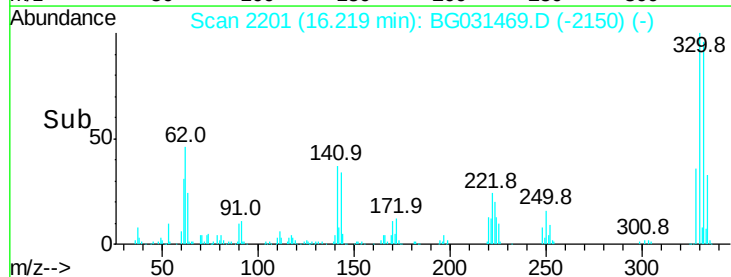
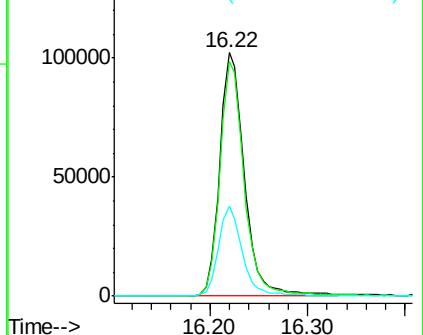
141 35.7 25.2 37.8

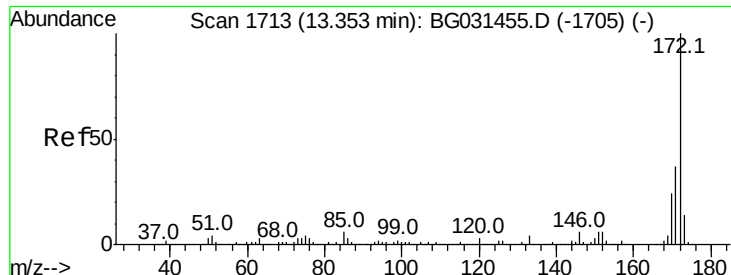


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

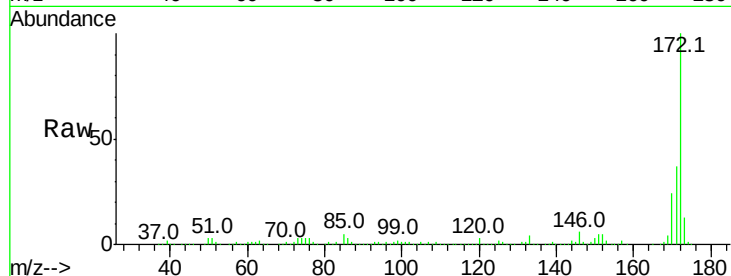




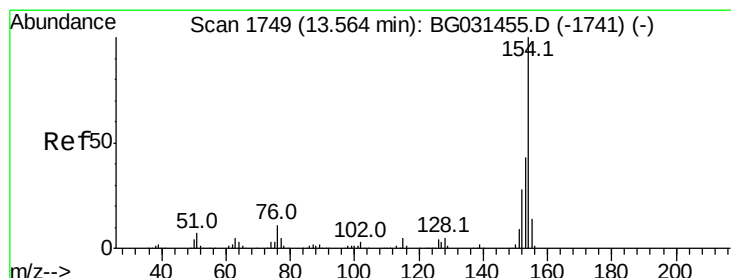
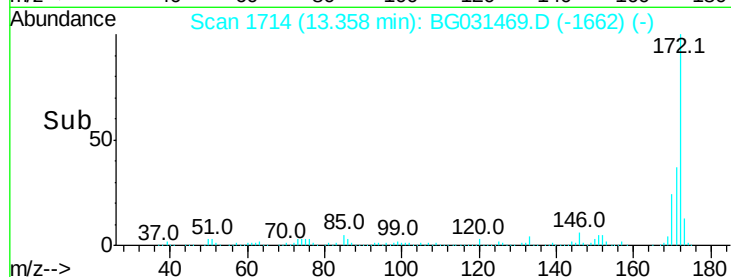
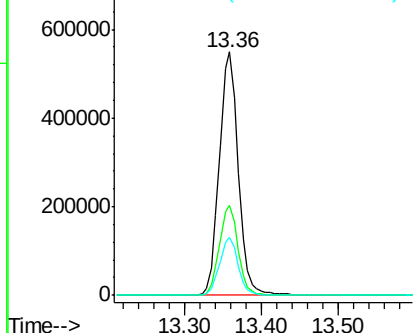
#44
2-Fluorobiphenyl
Concen: 99.072 ng
RT: 13.36 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 931673
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.9 19.5 29.3

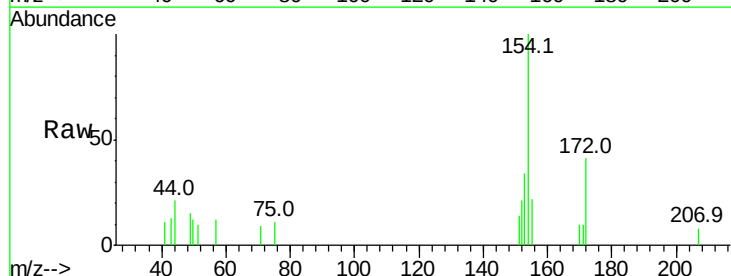


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

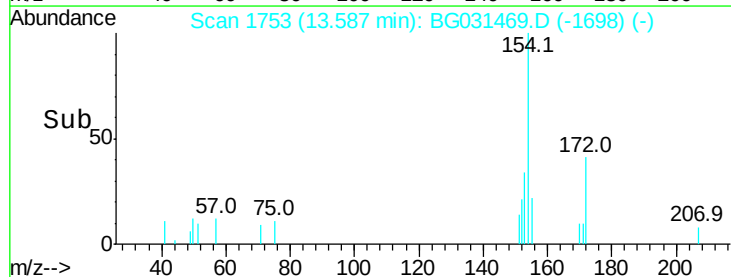
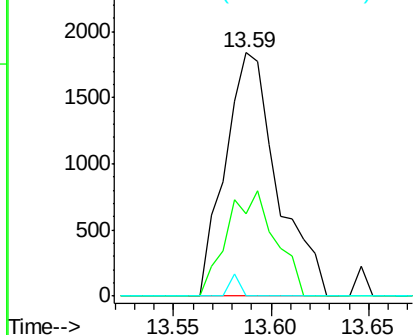


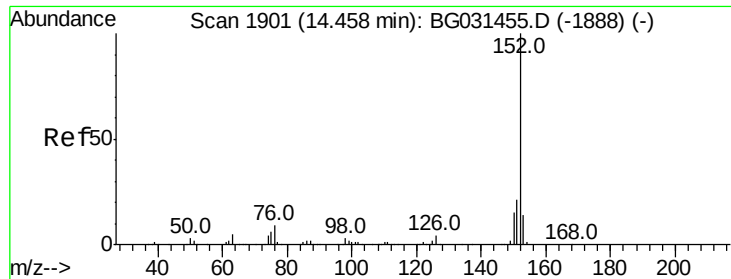
#45
1,1'-Biphenyl
Concen: 0.301 ng
RT: 13.59 min Scan# 1753
Delta R.T. 0.02 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:154 Resp: 3408
Ion Ratio Lower Upper
154 100
153 33.9 19.8 59.8
76 0.0 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





#48

Acenaphthylene

Concen: 0.010 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.26 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

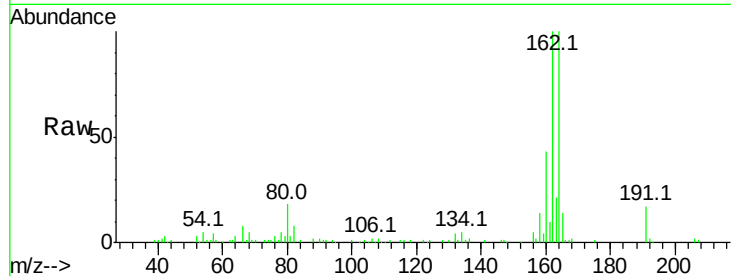
Tot Ion:152 Resp: 129

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

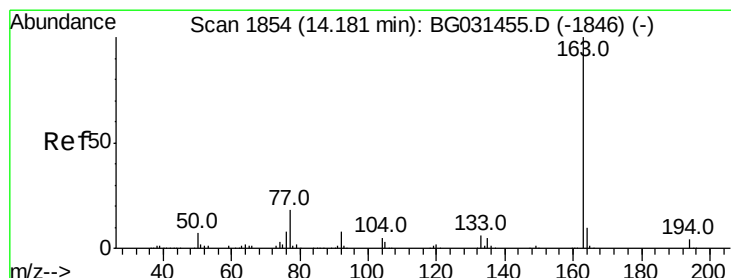
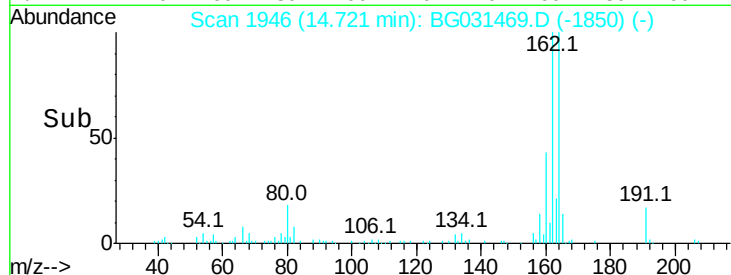
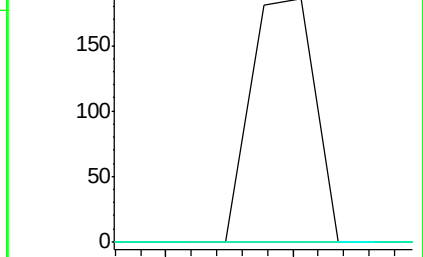
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 1.448 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

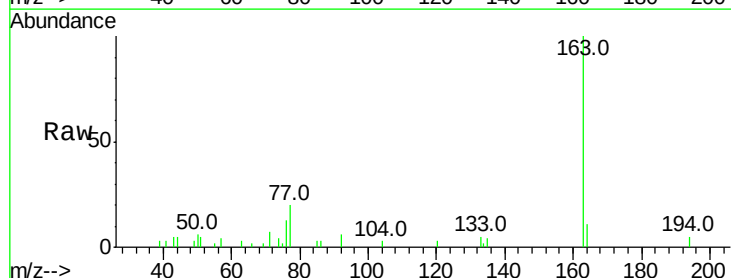
Tgt Ion:163 Resp: 16551

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

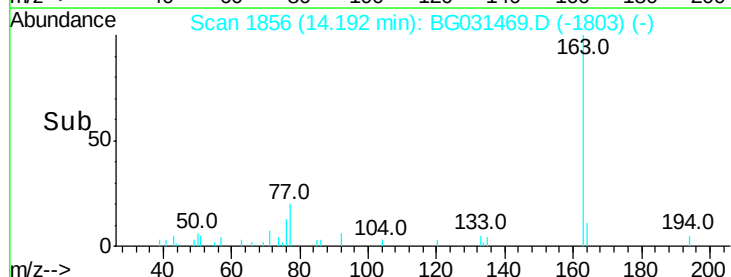
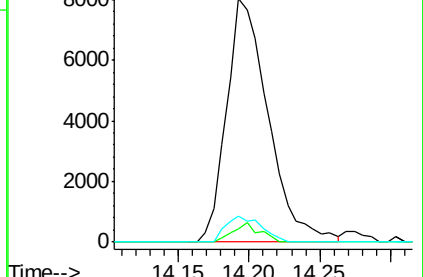
164 10.6 8.2 12.4

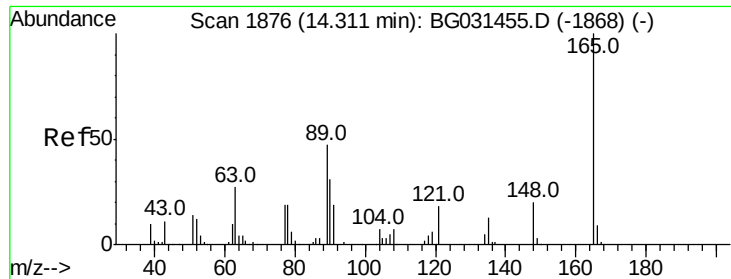


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

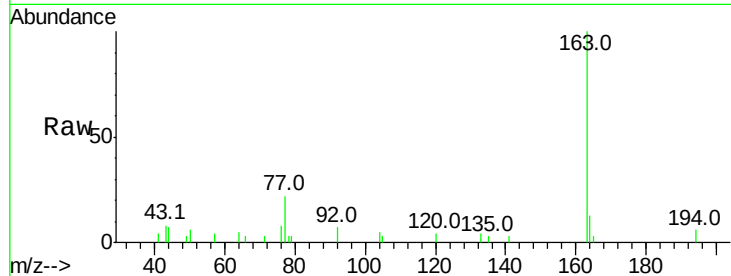




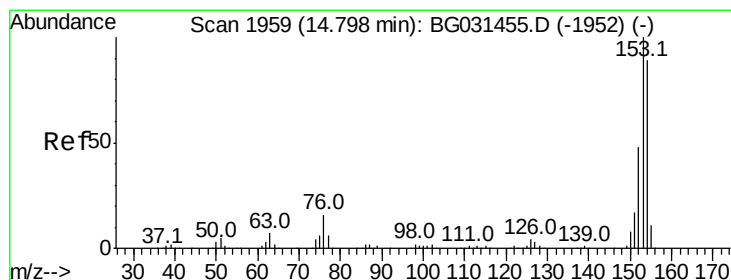
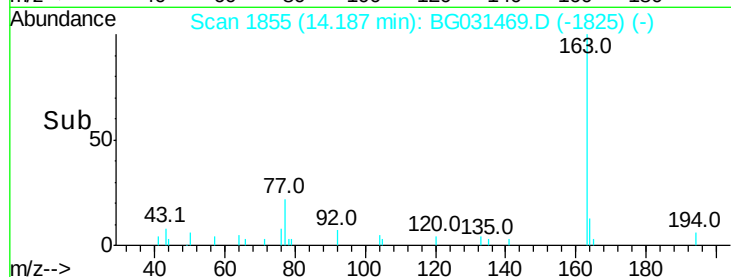
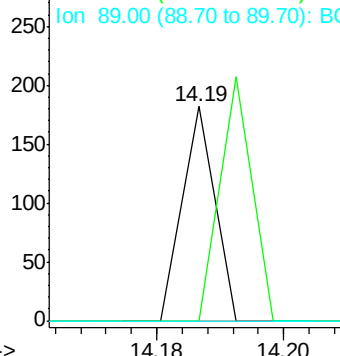
#50
2,6-Dinitrotoluene
Concen: 0.026 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.12 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 64
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

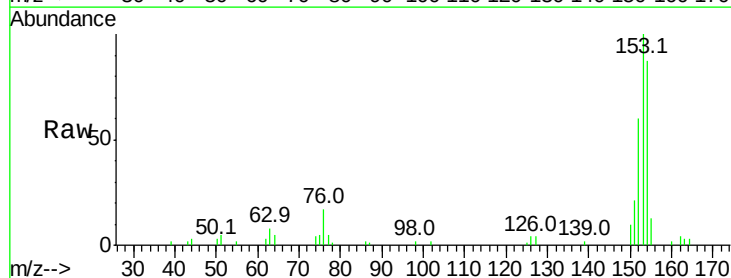


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

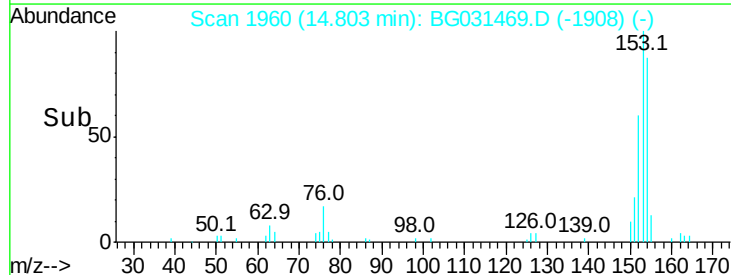
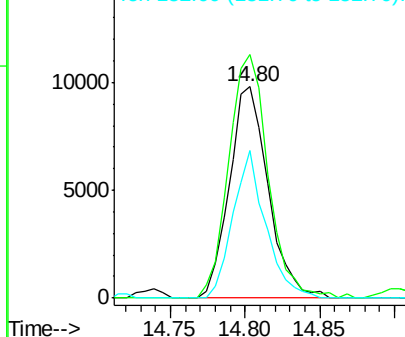


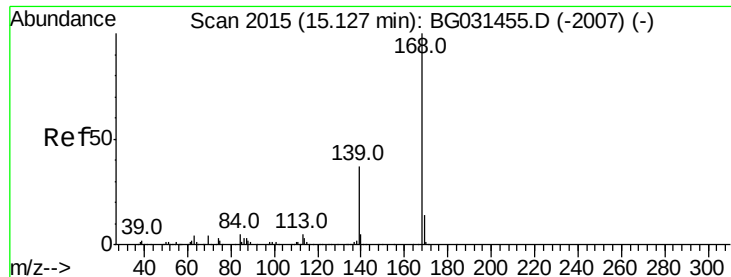
#51
Acenaphthene
Concen: 2.110 ng
RT: 14.80 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:154 Resp: 17812
Ion Ratio Lower Upper
154 100
153 115.2 90.4 135.6
152 69.5 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

Dibenzofuran

Concen: 1.482 ng

RT: 15.15 min Scan# 2019

Delta R.T. 0.02 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampled :

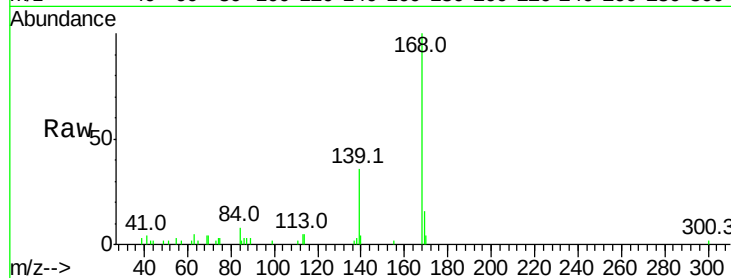
Tot Ion:168 Resp: 19963

Ion Ratio Lower Upper

168 100

139 36.1 28.6 43.0

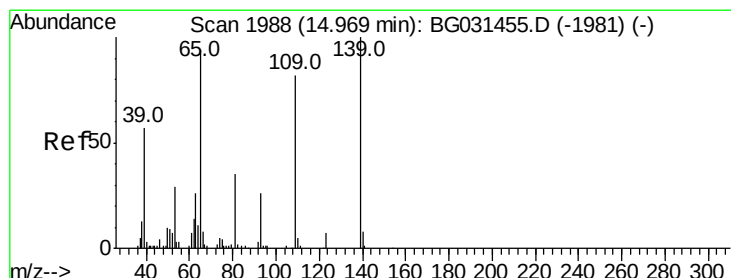
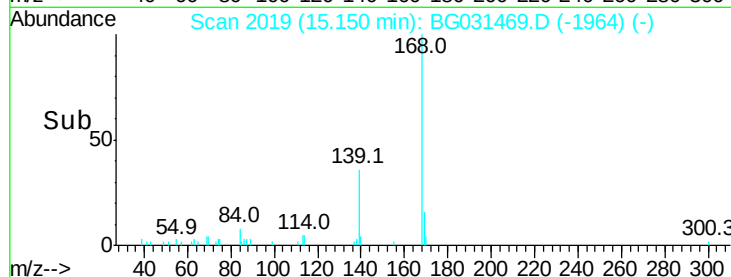
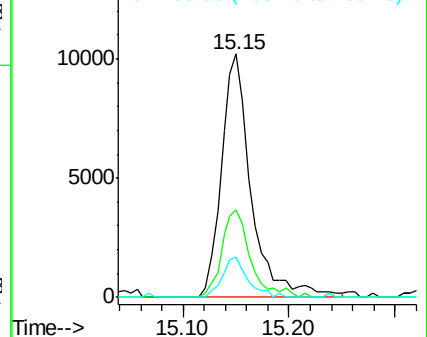
169 16.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 7.462 ng

RT: 15.15 min Scan# 2019

Delta R.T. 0.18 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

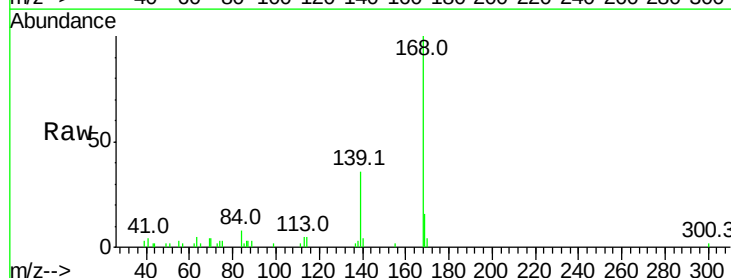
Tgt Ion:139 Resp: 6901

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

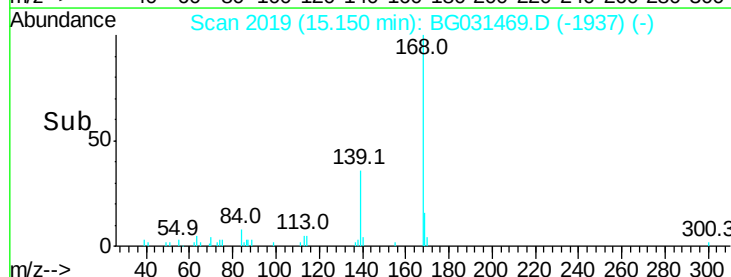
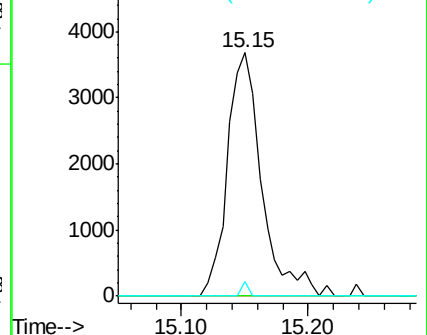
65 5.8 97.2 137.2#

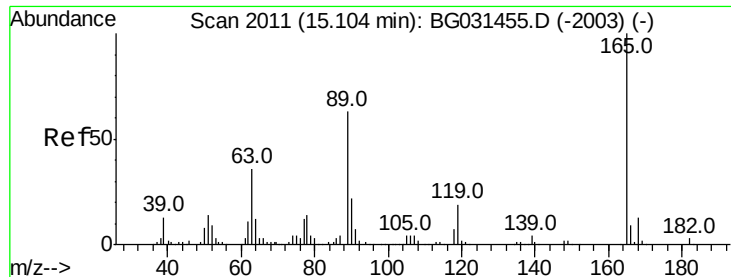


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#56

2,4-Dinitrotoluene

Concen: 0.018 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG031469.D

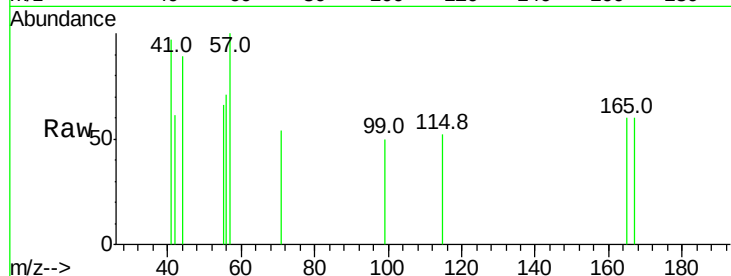
Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	64
Ion	Ratio	Lower Upper
165	100	
63	0.0	42.0 63.0#
89	0.0	66.9 100.3#
182	0.0	2.6 3.8#

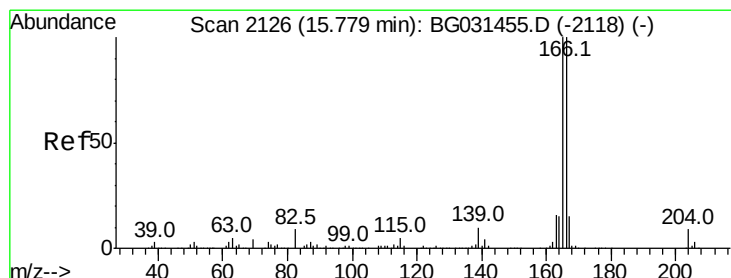
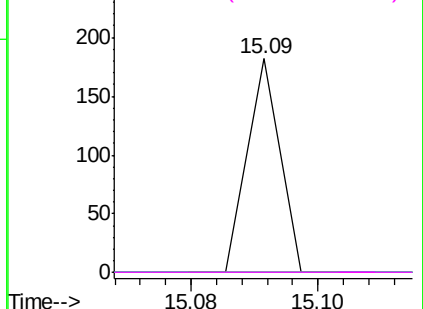
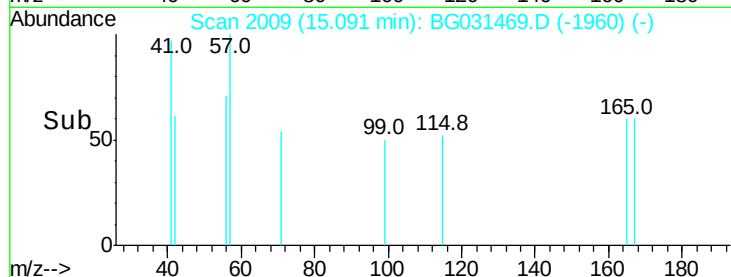


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 1.873 ng

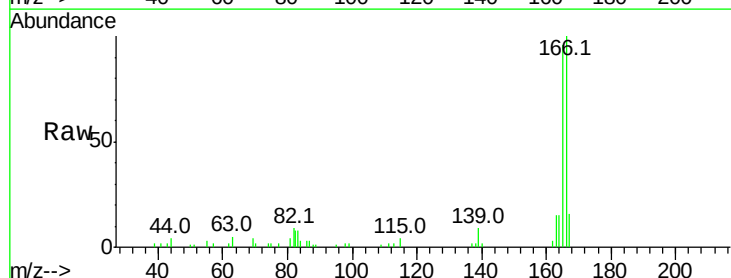
RT: 15.78 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

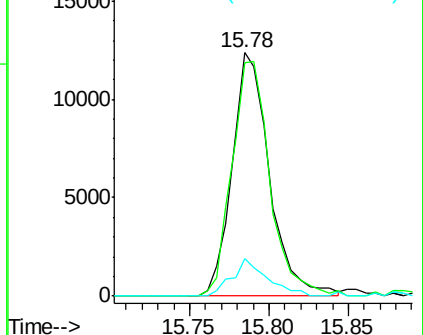
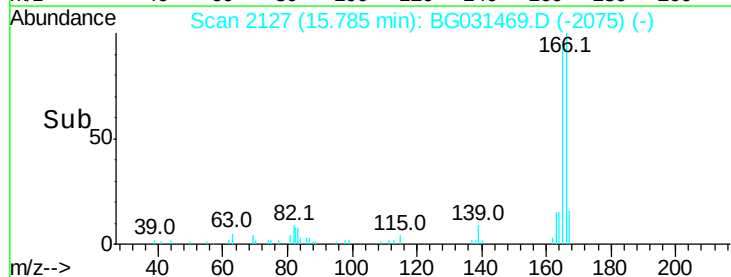
Tgt Ion:166	Resp:	20218
Ion	Ratio	Lower Upper
166	100	
165	95.9	80.6 121.0
167	15.5	10.4 15.6

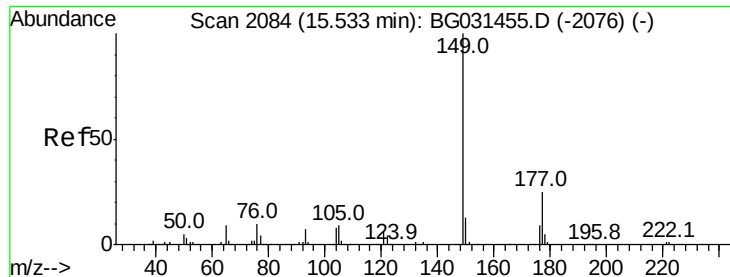


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.276 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

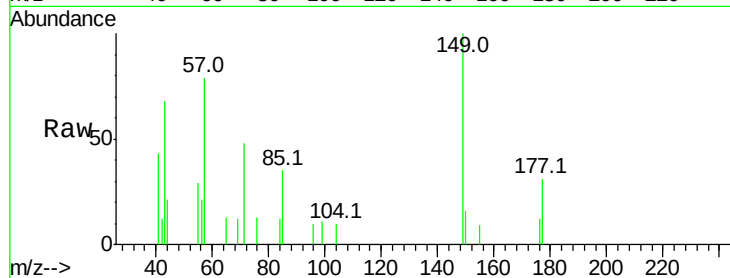
Tot Ion:149 Resp: 3160

Ion Ratio Lower Upper

149 100

177 30.6 18.5 27.7#

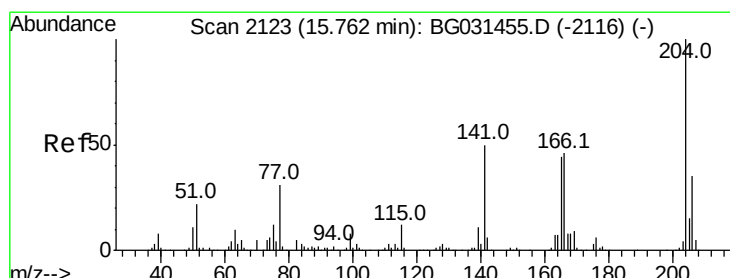
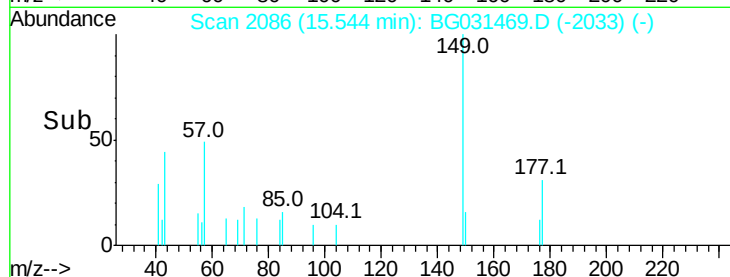
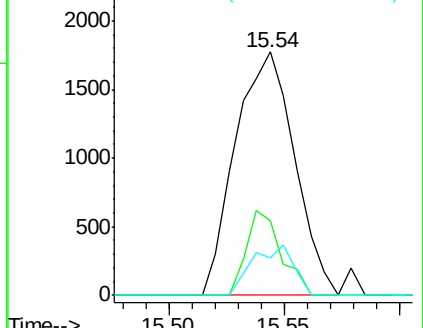
150 15.6 10.2 15.2#



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



#60

4-Chlorophenyl-phenylether

Concen: 0.020 ng

RT: 16.01 min Scan# 2165

Delta R.T. 0.25 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

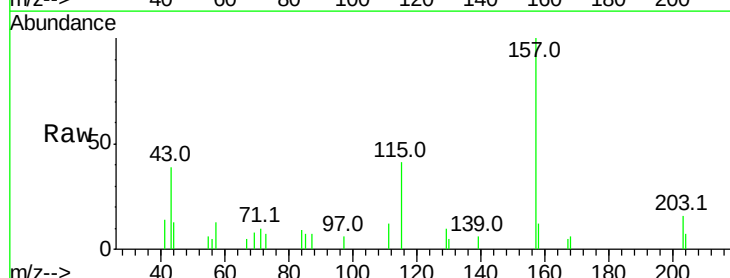
Tgt Ion:204 Resp: 135

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

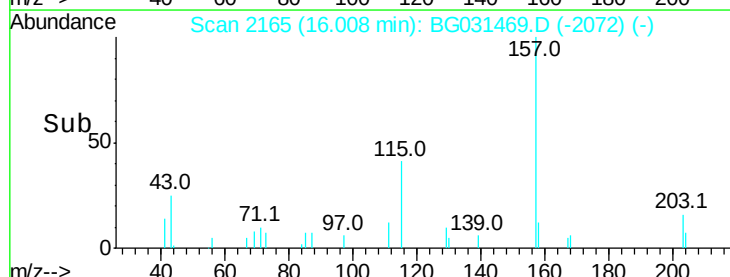
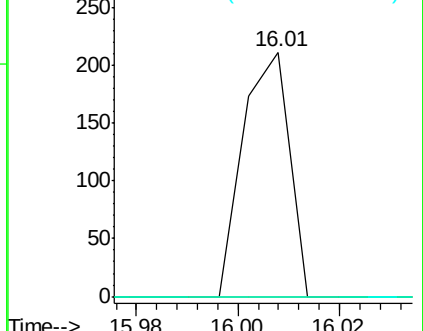
141 0.0 45.8 68.6#

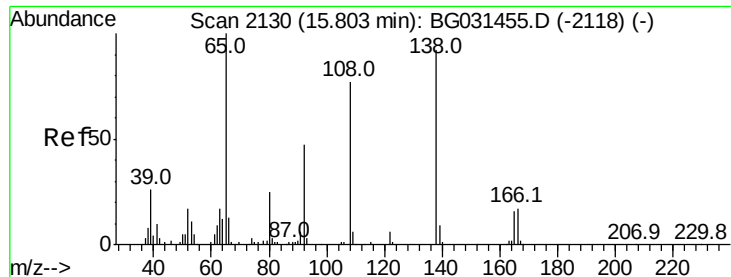


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

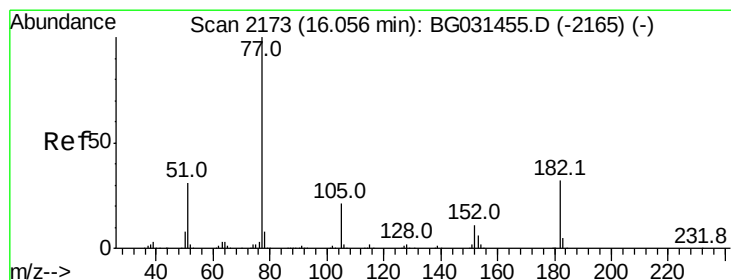
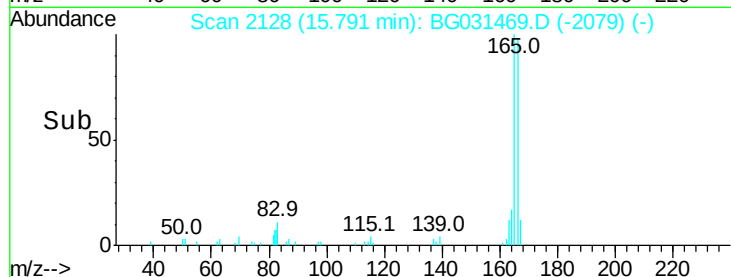
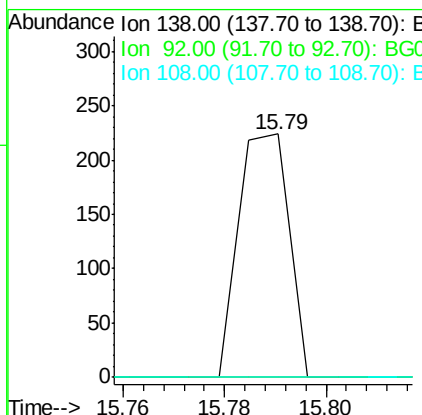
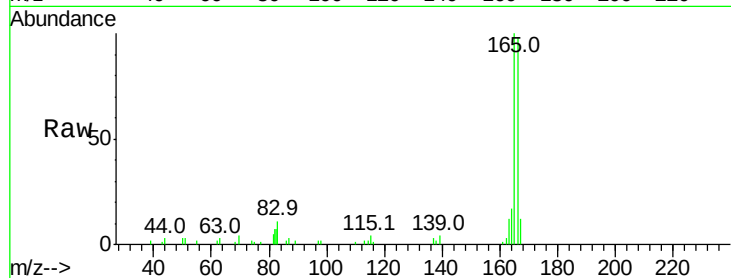




#61
4-Nitroaniline
Concen: 0.060 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

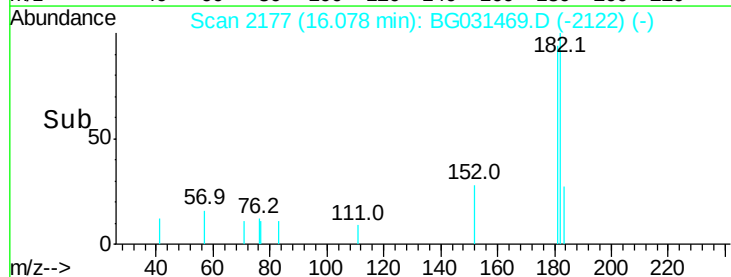
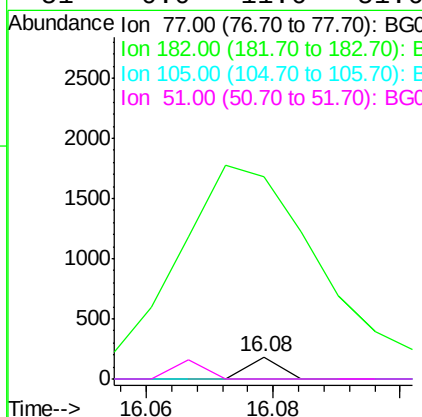
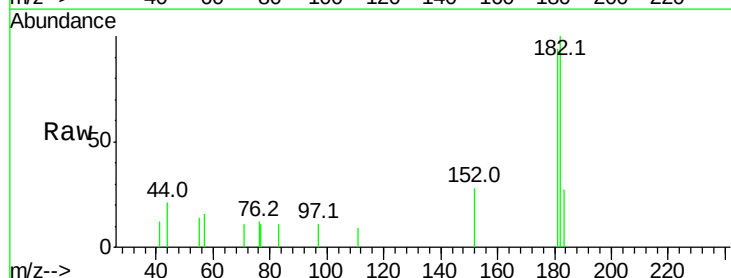
Instrument :
BNA_G
ClientSampleId :

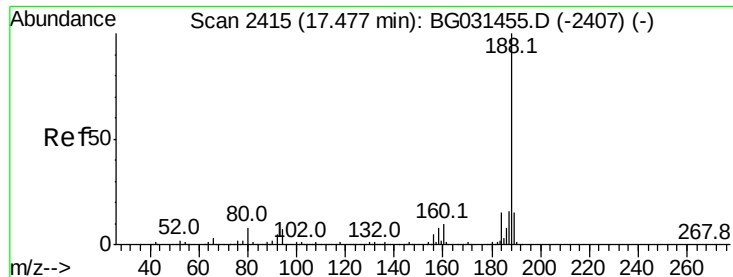
Tot Ion:138 Resp: 156
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



#62
Azobenzene
Concen: 0.007 ng
RT: 16.08 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
182 912.5 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#

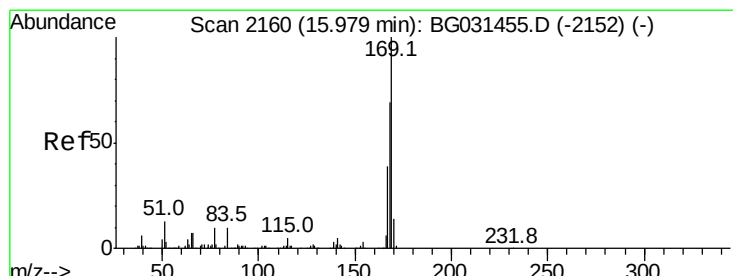
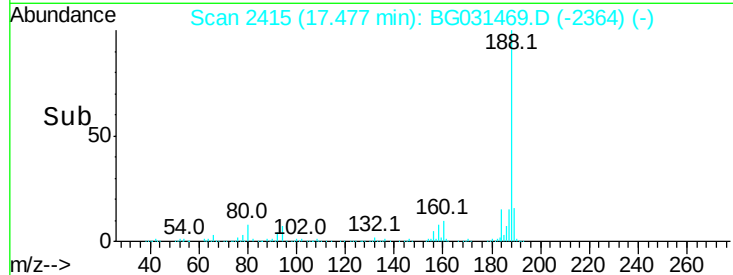
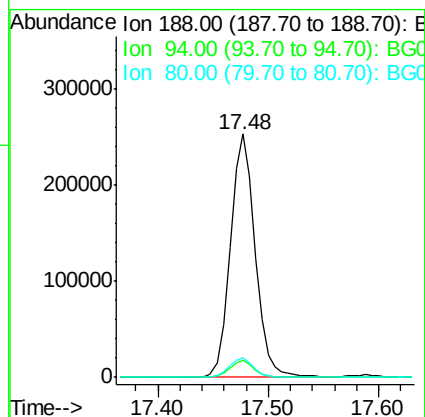
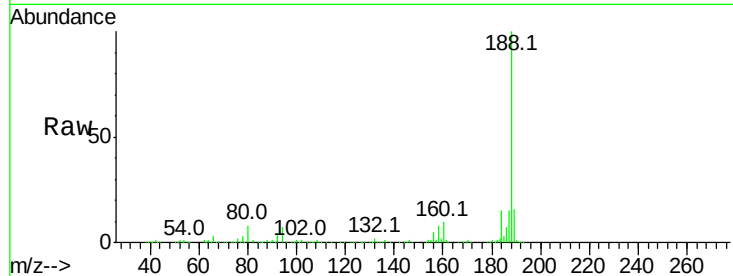




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

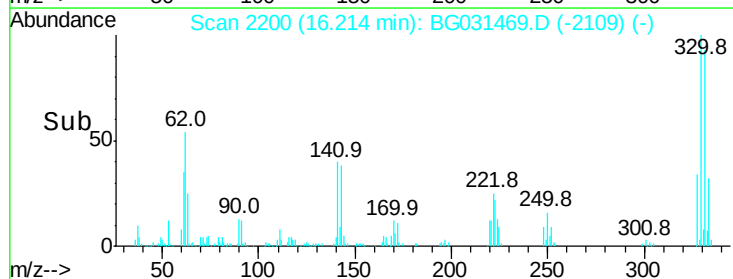
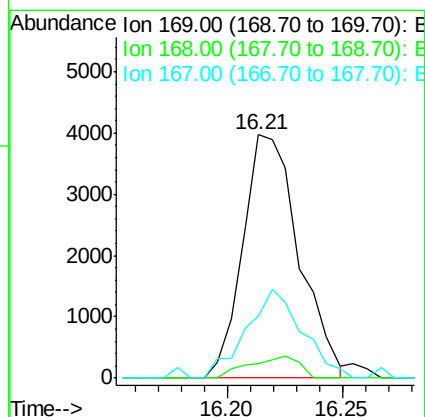
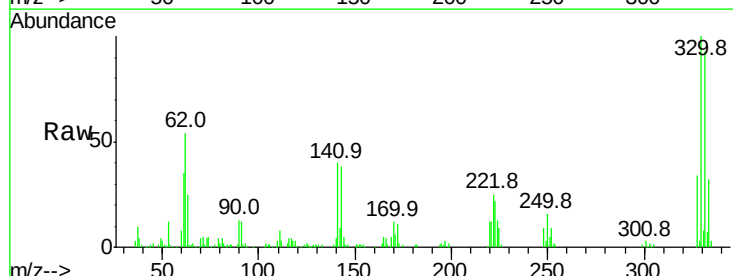
Instrument :
BNA_G
ClientSampleId :

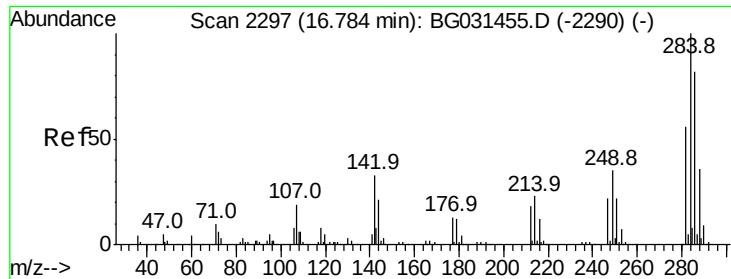
Tot Ion:188 Resp: 397494
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.1 7.7 11.5



#65
n-Nitrosodiphenylamine
Concen: 0.578 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.23 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:169 Resp: 6723
Ion Ratio Lower Upper
169 100
168 6.1 55.7 83.5#
167 25.5 30.1 45.1#





#67

Hexachlorobenzene

Concen: 0.012 ng

RT: 16.81 min Scan# 2301

Delta R.T. 0.02 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

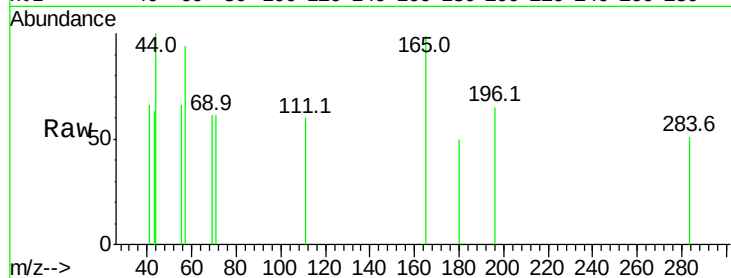
Tot Ion:284 Resp: 55

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

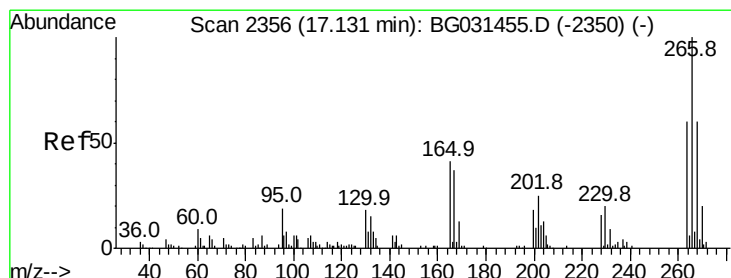
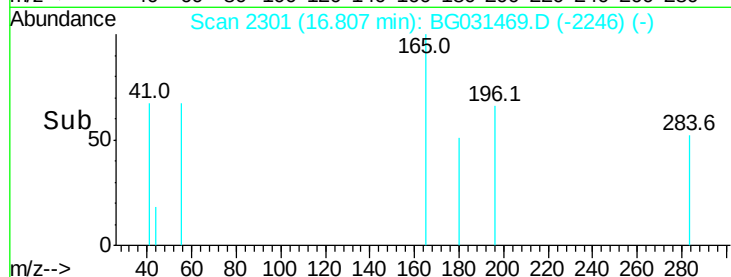
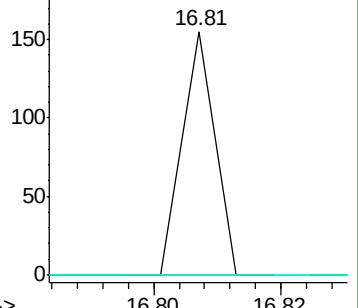
249 0.0 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Pentachlorophenol

Concen: 5.684 ng

RT: 17.09 min Scan# 2349

Delta R.T. -0.04 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

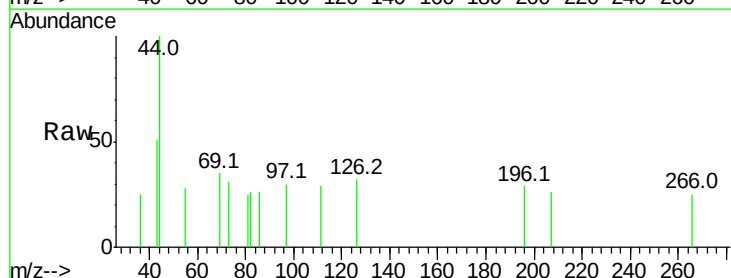
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

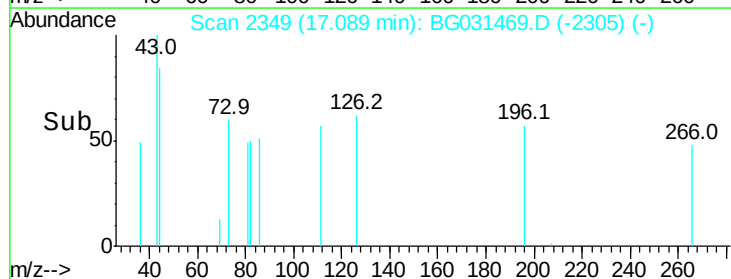
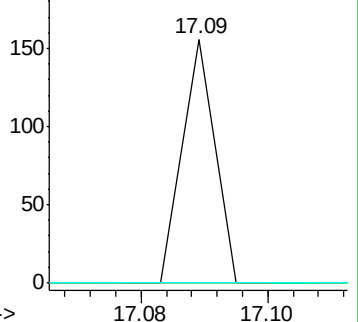
264 0.0 49.6 74.4#

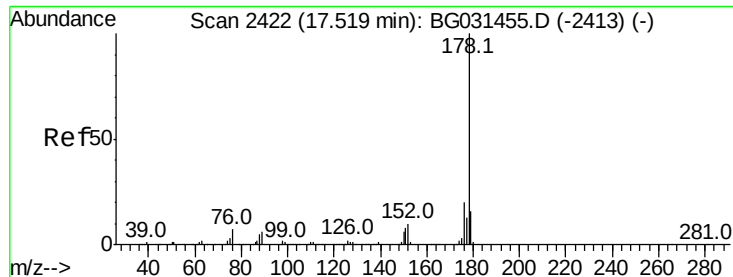


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

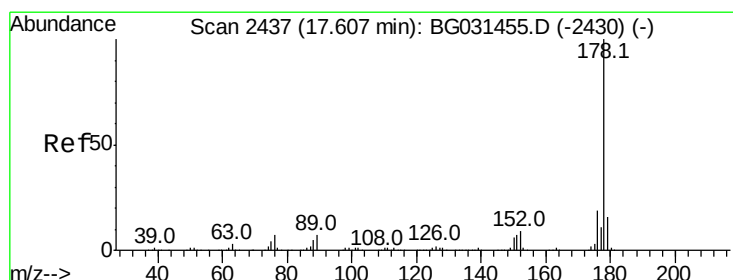
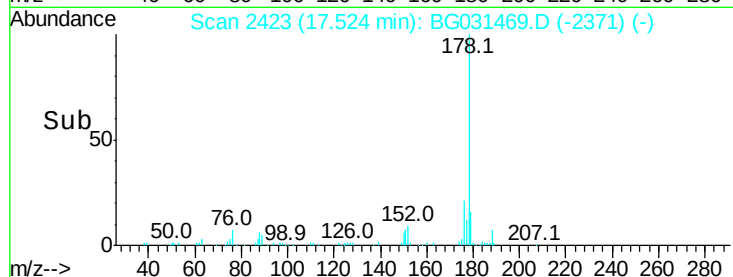
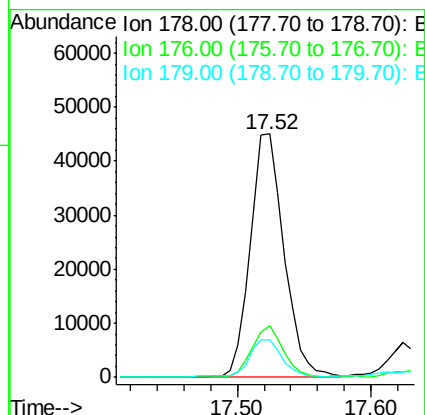
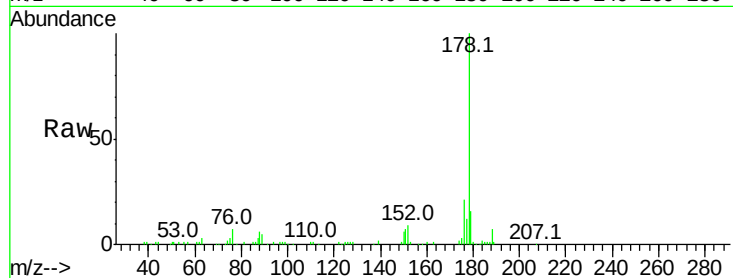




#70
Phenanthrene
Concen: 3.784 ng
RT: 17.52 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

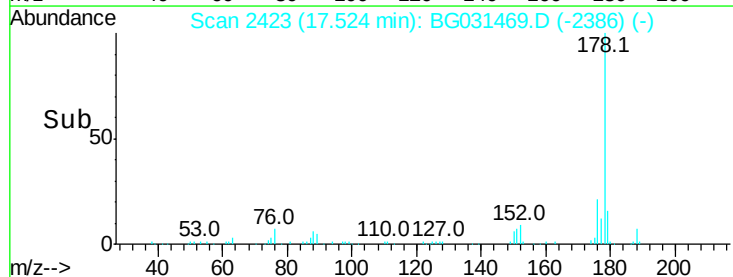
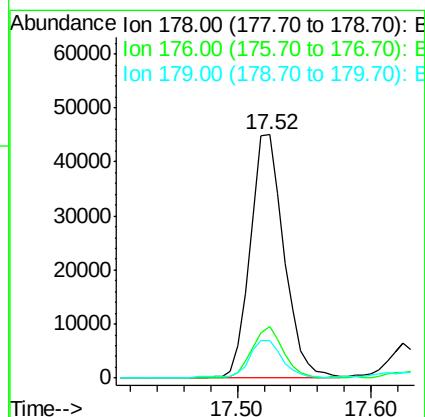
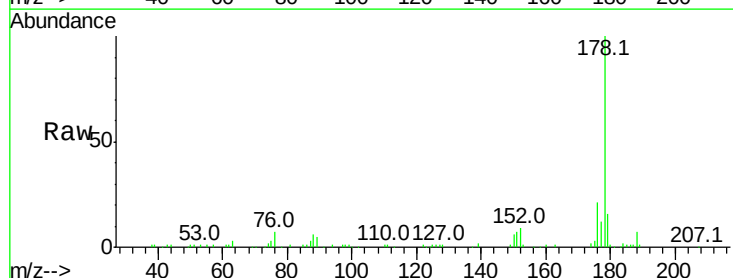
Instrument :
BNA_G
ClientSampleId :

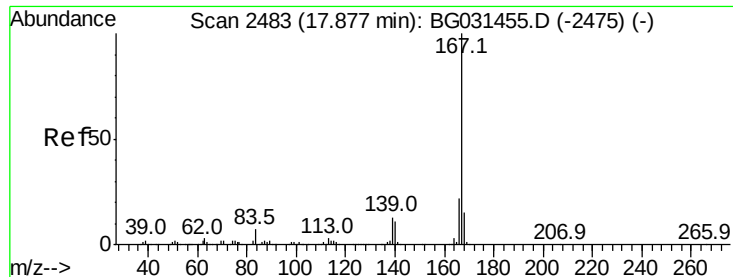
Tot Ion:178 Resp: 78556
Ion Ratio Lower Upper
178 100
176 21.1 15.7 23.5
179 15.6 12.5 18.7



#71
Anthracene
Concen: 3.826 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.08 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:178 Resp: 78556
Ion Ratio Lower Upper
178 100
176 21.1 16.0 24.0
179 15.6 12.5 18.7





#72

Carbazole

Concen: 0.505 ng

RT: 17.90 min Scan# 2487

Delta R.T. 0.02 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

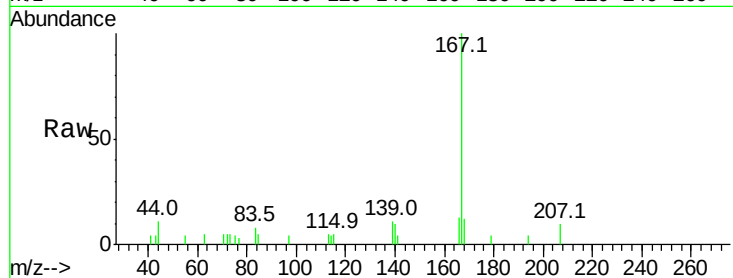
Tot Ion:167 Resp: 9386

Ion Ratio Lower Upper

167 100

166 13.5 18.2 27.4#

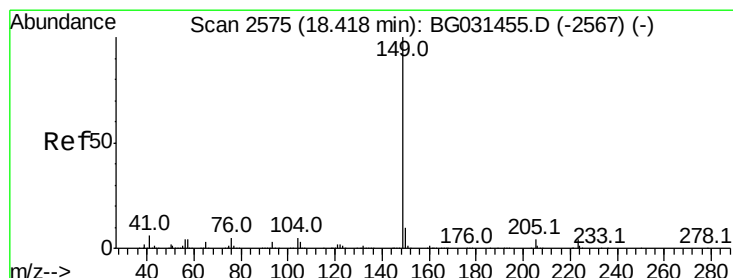
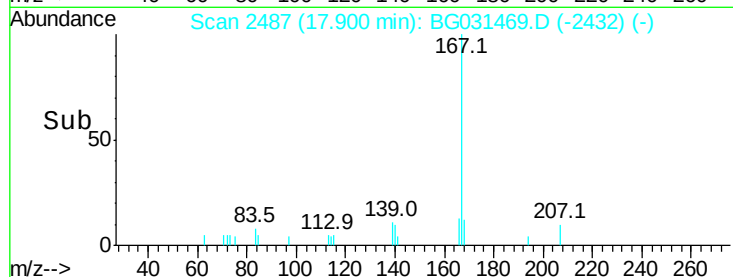
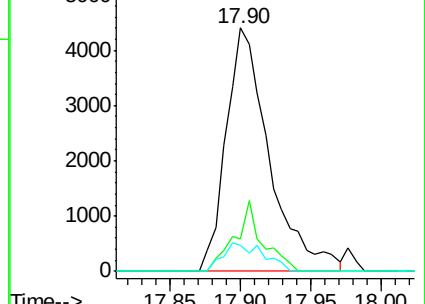
139 10.7 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.060 ng

RT: 18.42 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

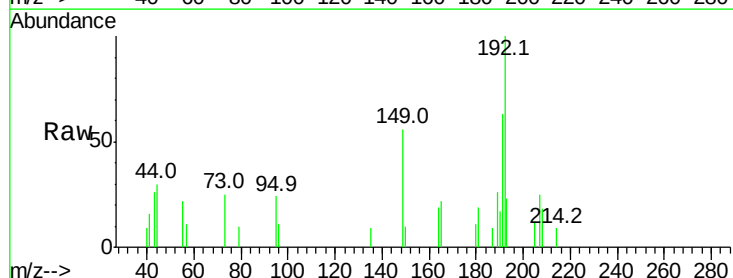
Tgt Ion:149 Resp: 1293

Ion Ratio Lower Upper

149 100

150 18.5 7.8 11.6#

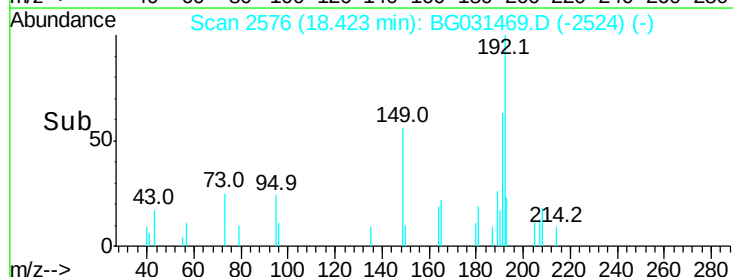
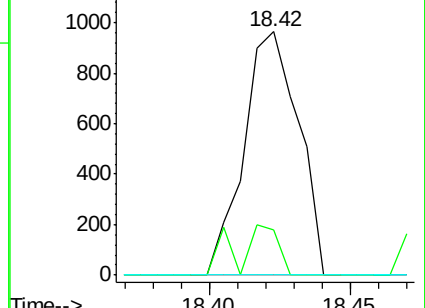
104 0.0 3.9 5.9#

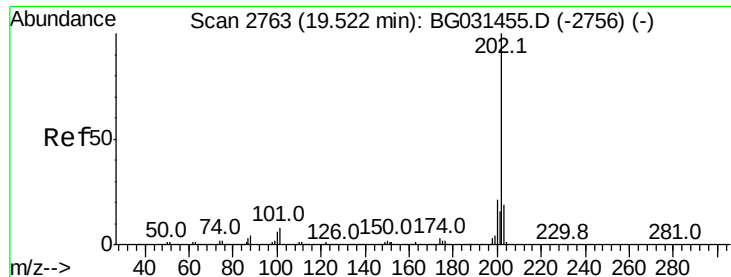


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 1.516 ng

RT: 19.53 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

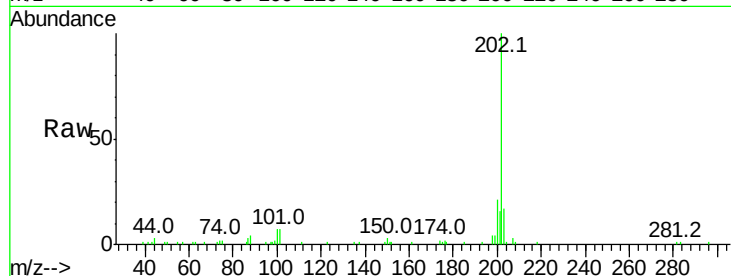
Tot Ion:202 Resp: 39380

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

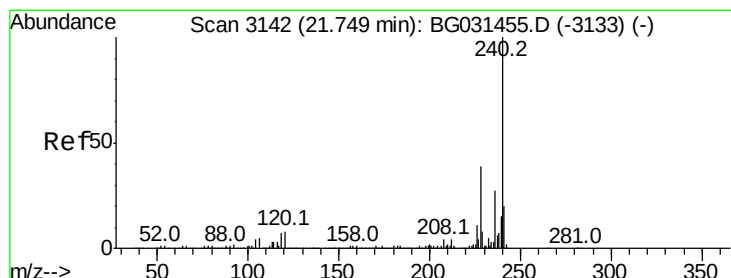
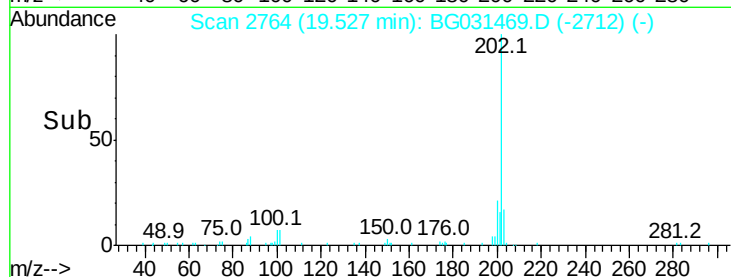
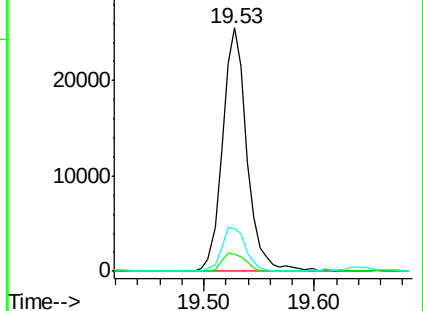
203 17.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

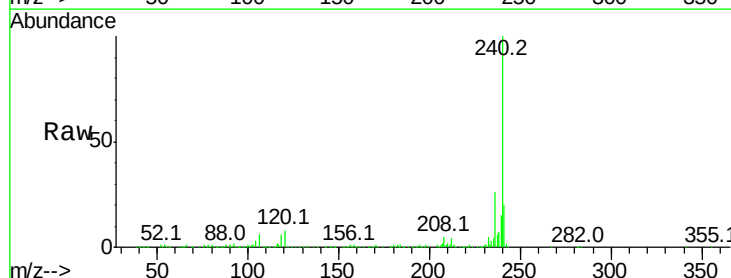
Tgt Ion:240 Resp: 491854

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

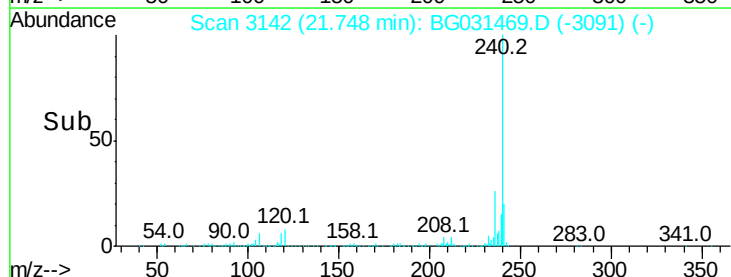
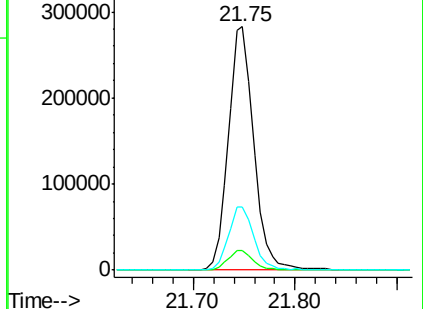
236 25.8 20.9 31.3

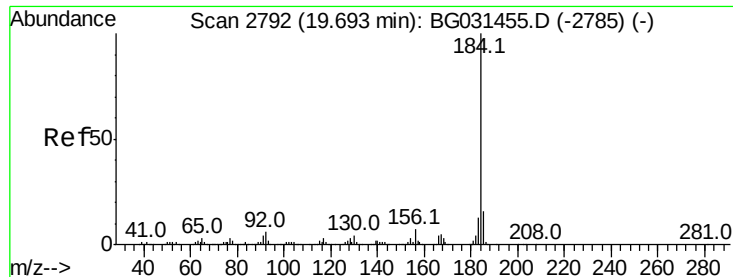


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.057 ng

RT: 19.74 min Scan# 2800

Delta R.T. 0.05 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampled :

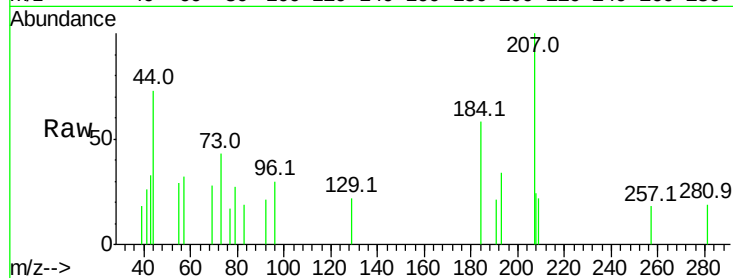
Tot Ion:184 Resp: 655

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

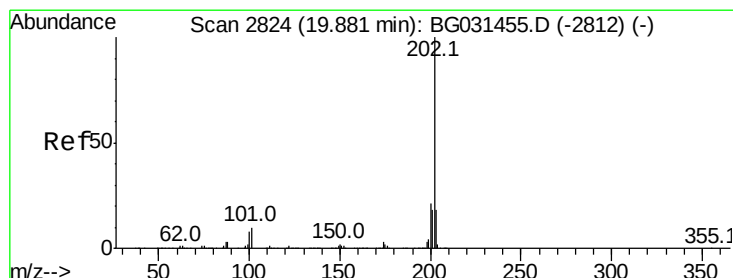
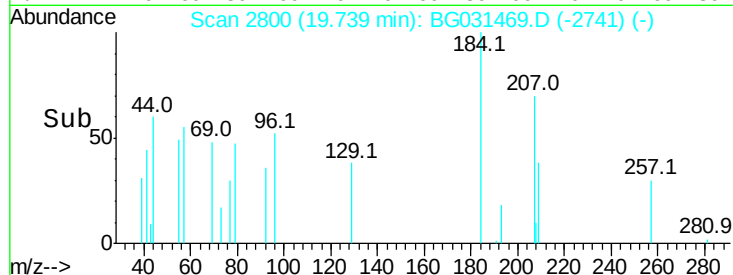
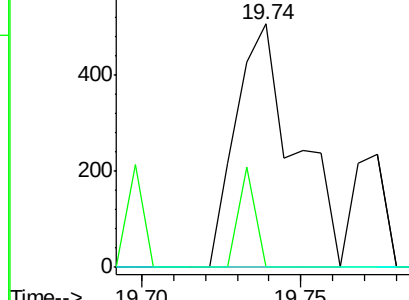
183 0.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.799 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

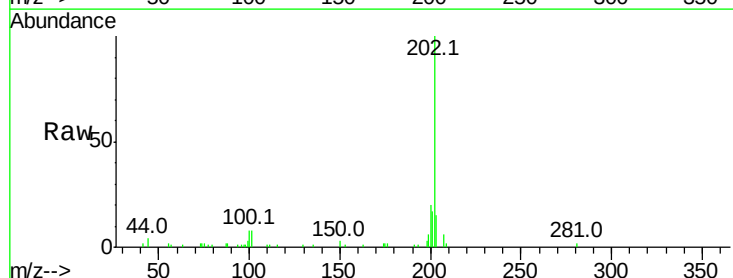
Tgt Ion:202 Resp: 24409

Ion Ratio Lower Upper

202 100

200 19.7 16.9 25.3

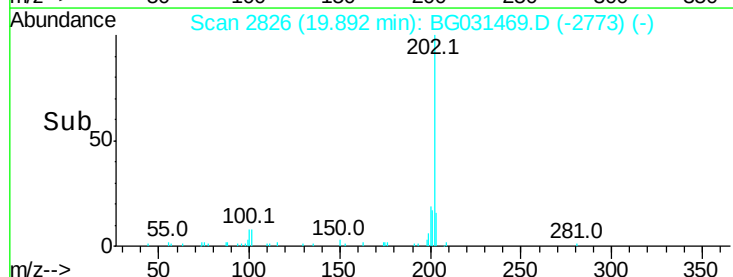
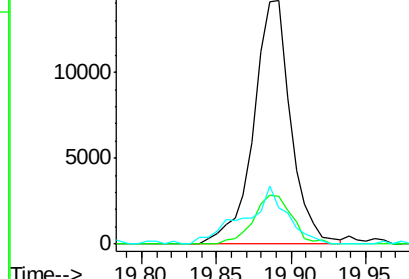
203 15.1 13.9 20.9

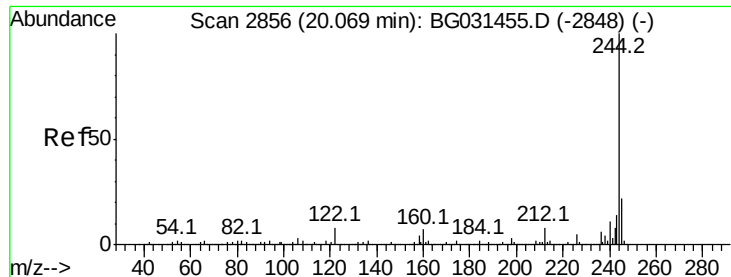


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.286 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Instrument :

BNA_G

ClientSampleId :

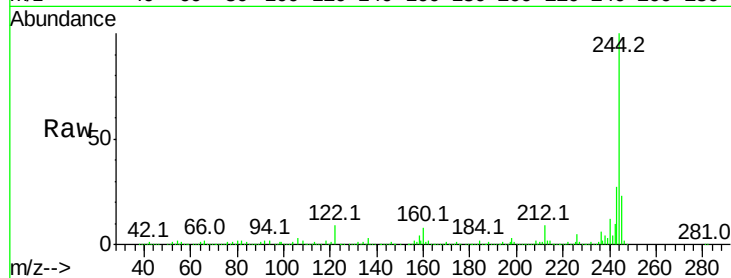
Tot Ion:244 Resp: 1865375

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

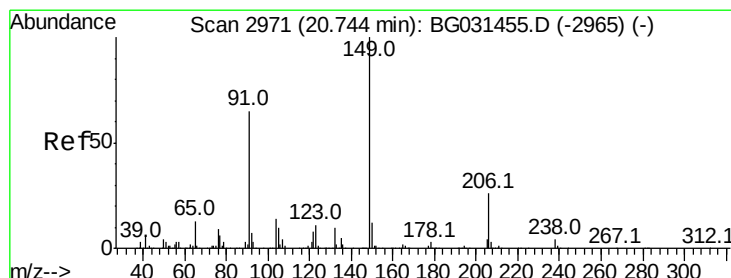
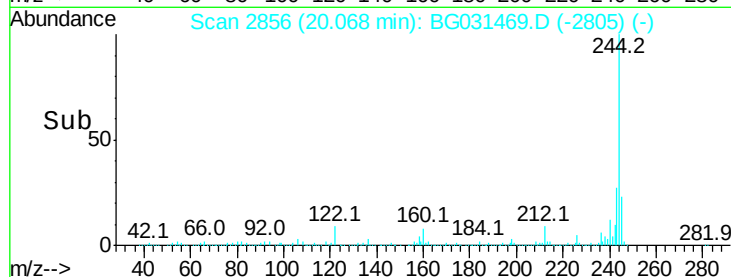
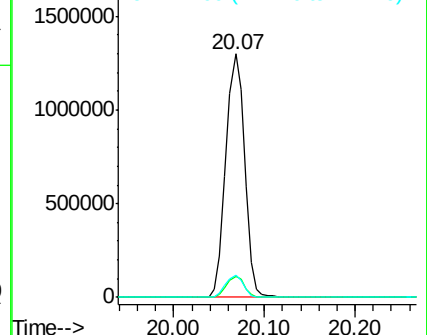
122 9.1 7.0 10.4



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: 0.013 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

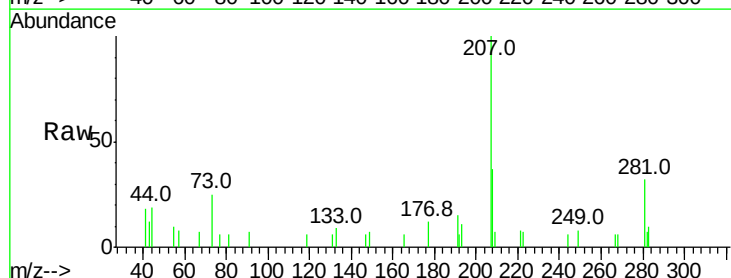
Tgt Ion:149 Resp: 139

Ion Ratio Lower Upper

149 100

91 93.7 62.2 93.2#

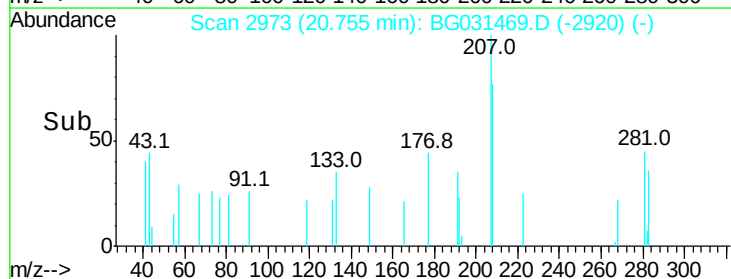
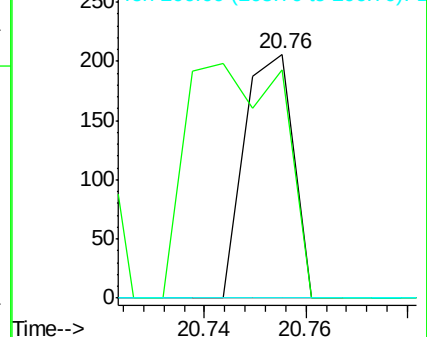
206 0.0 18.6 27.8#

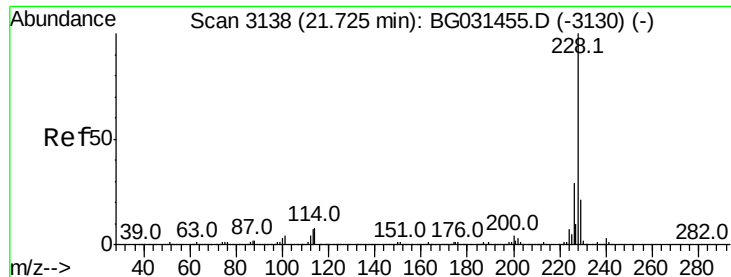


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

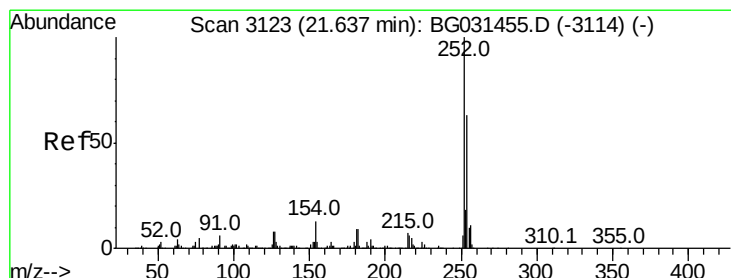
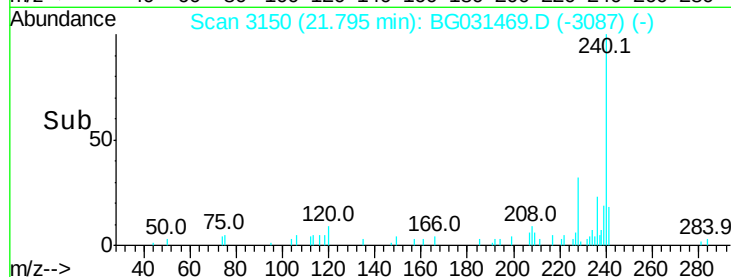
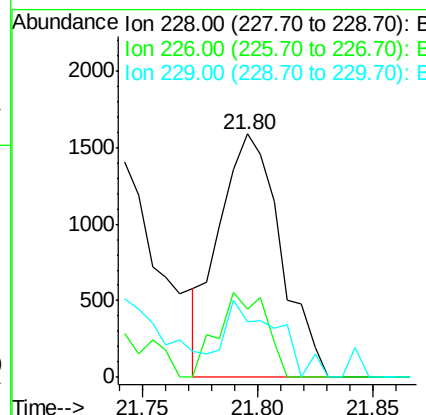
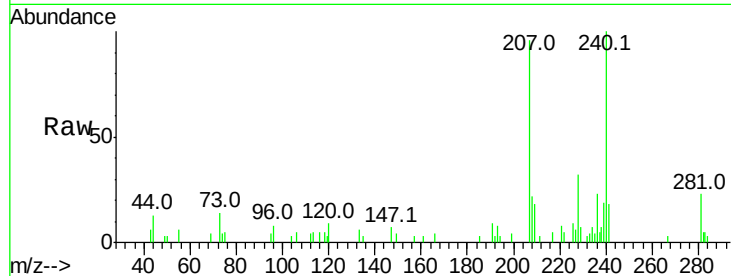




#80
Benzo(a)anthracene
Concen: 0.099 ng
RT: 21.80 min Scan# 3150
Delta R.T. 0.07 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

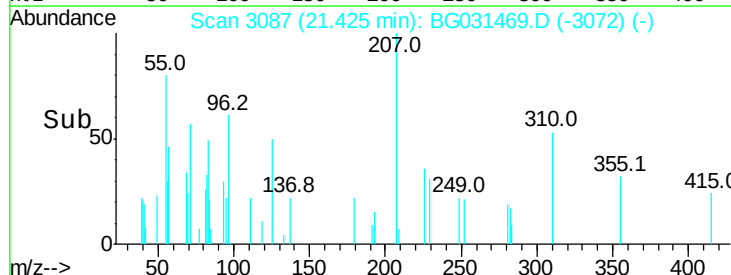
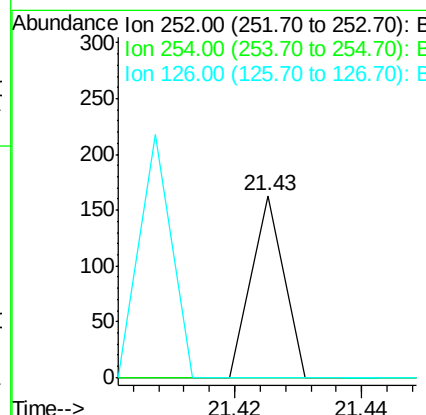
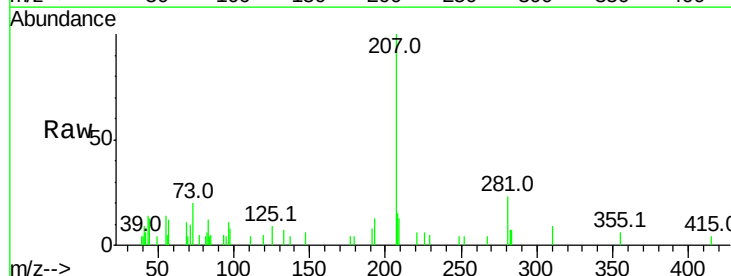
Instrument :
BNA_G
ClientSampleId :

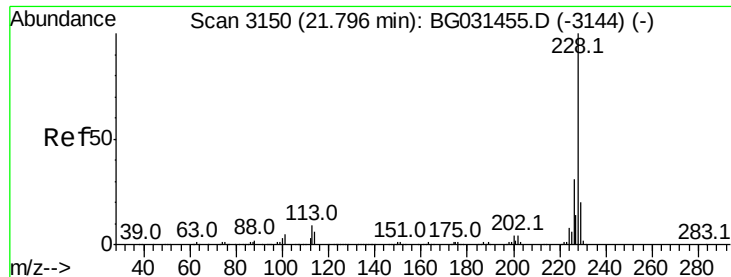
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	22.8	16.2	24.2



#81
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.21 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

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





#82

Chrysene

Concen: 0.103 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

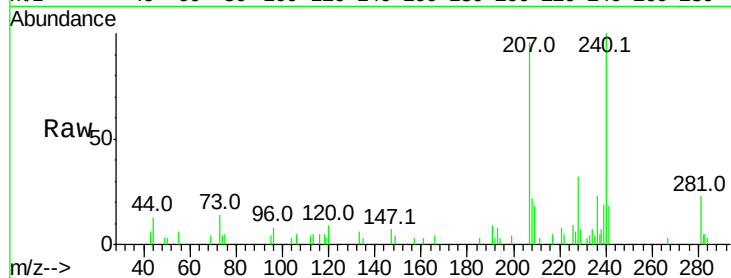
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2936

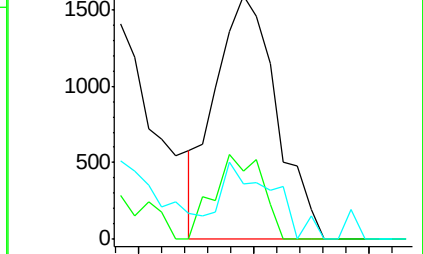
Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.9	37.3
229	22.8	15.0	22.4



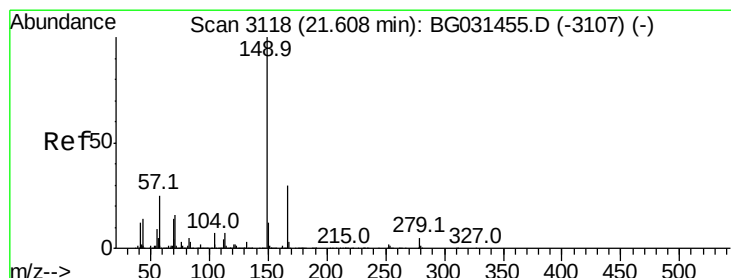
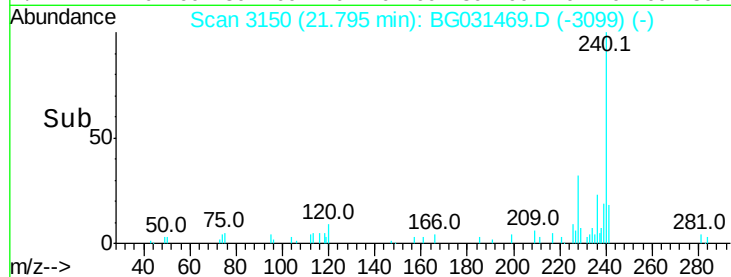
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.181 ng

RT: 21.60 min Scan# 3117

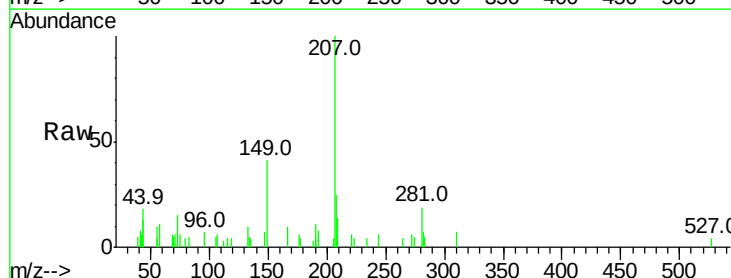
Delta R.T. -0.01 min

Lab File: BG031469.D

Acq: 12 Dec 2017 00:42

Tgt Ion:149 Resp: 2796

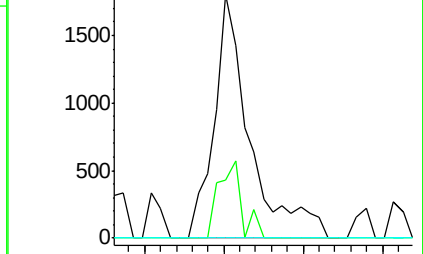
Ion	Ratio	Lower	Upper
149	100		
167	23.6	24.3	36.5
279	0.0	4.0	6.0



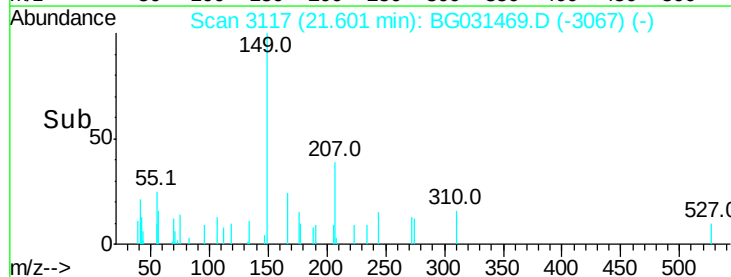
Abundance Ion 149.00 (148.70 to 149.70): E

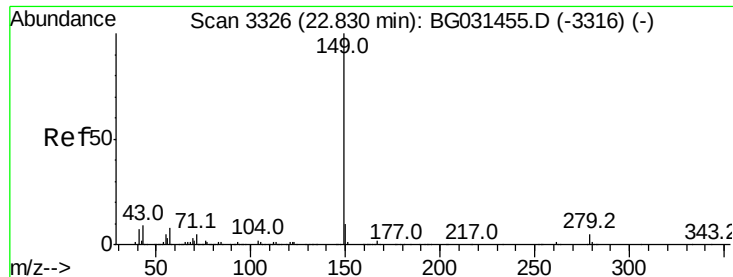
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

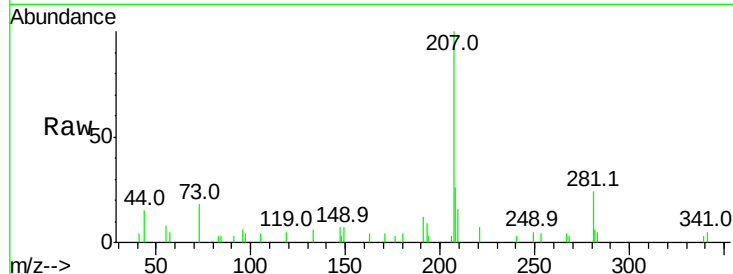




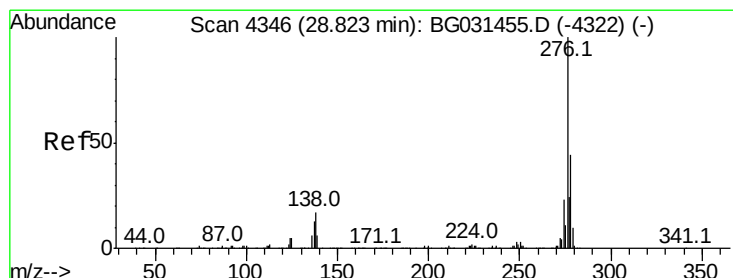
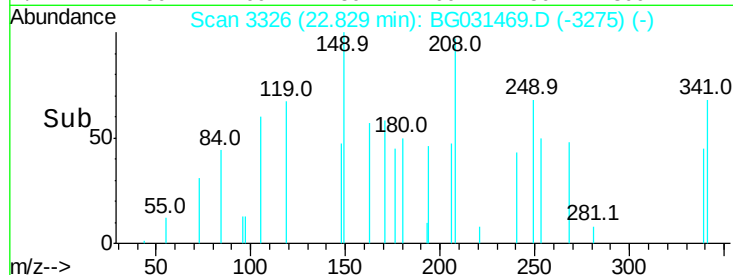
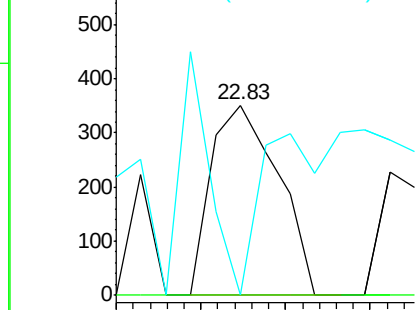
#84
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 387
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 72.9 8.9 13.3#

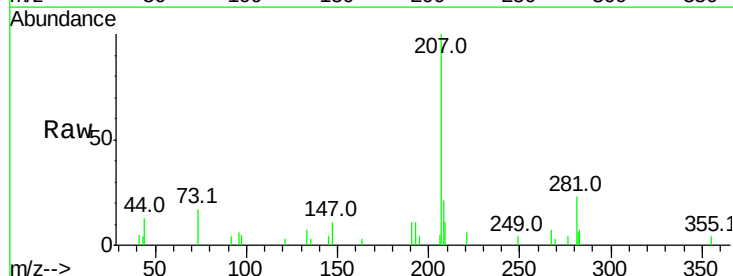


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

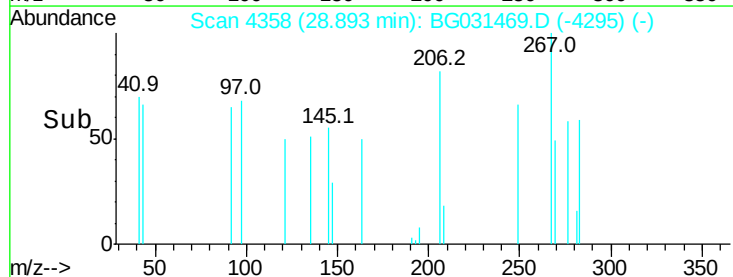
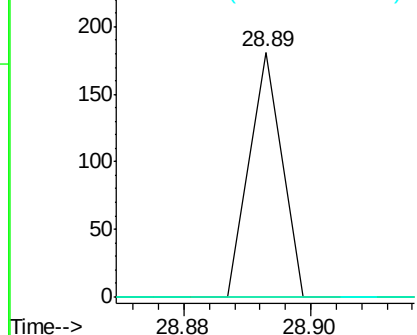


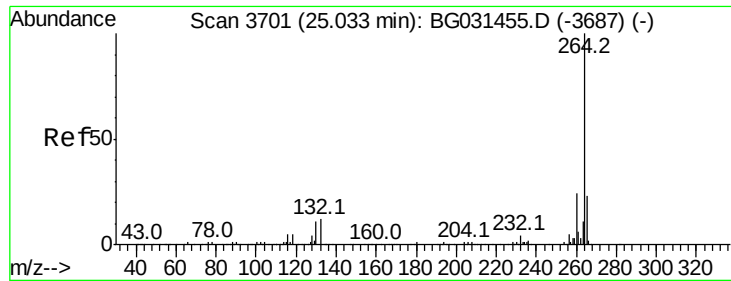
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.89 min Scan# 4358
Delta R.T. 0.07 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion:276 Resp: 64
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

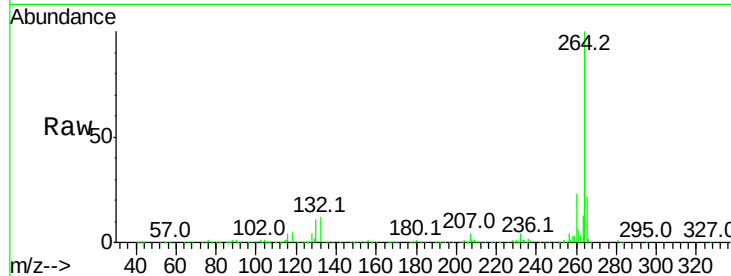




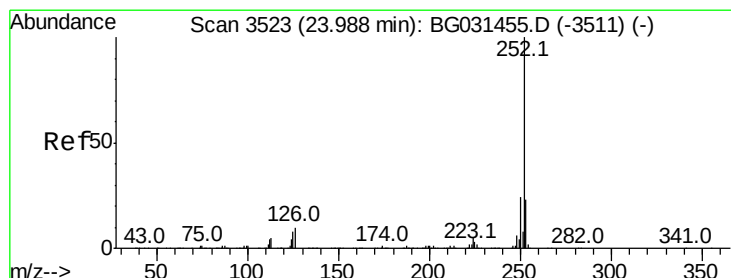
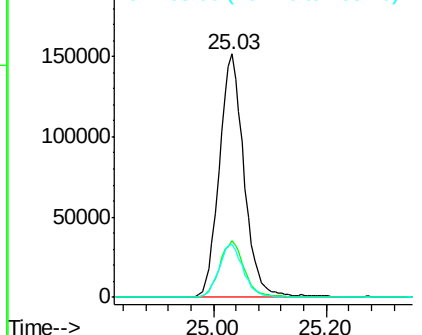
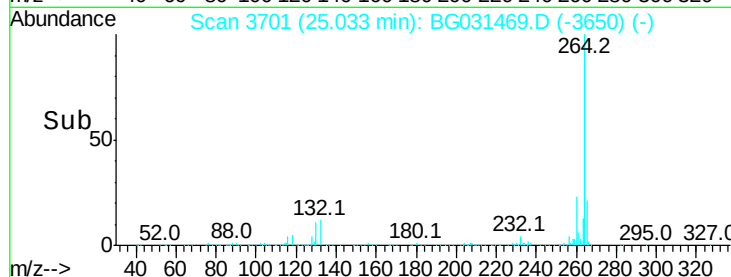
#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.6	17.7	26.5

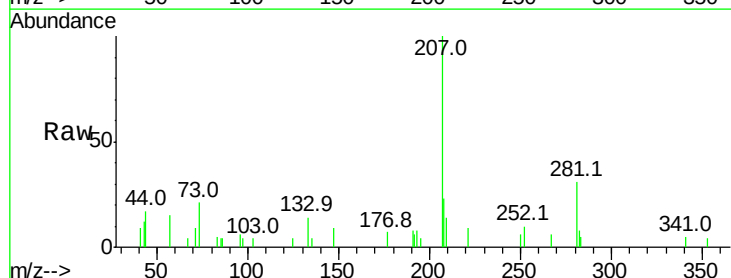


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

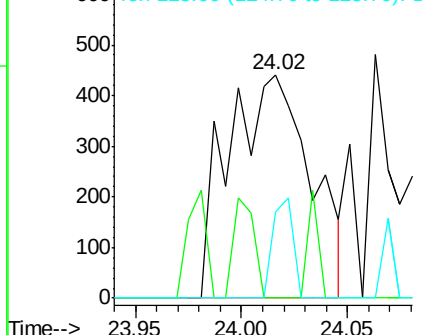
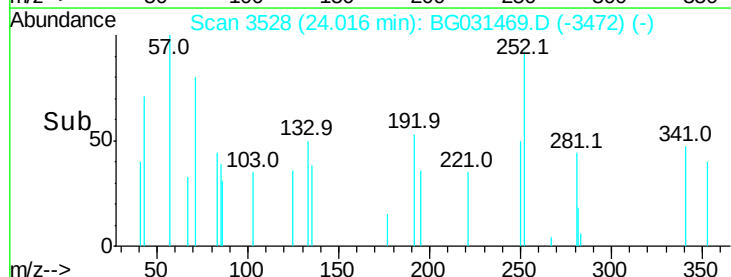


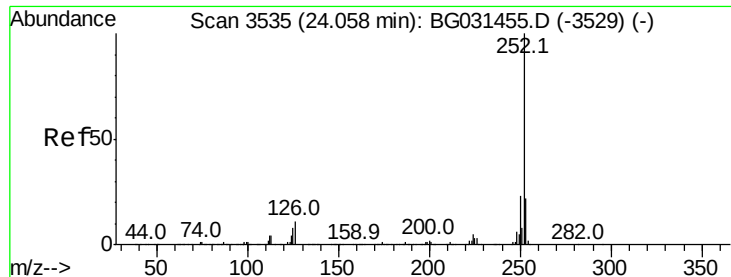
#87
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 24.02 min Scan# 3528
Delta R.T. 0.03 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	38.8	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

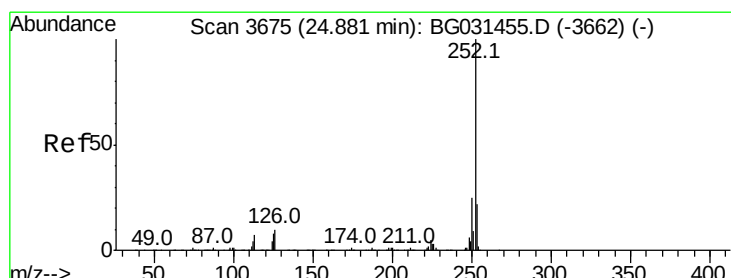
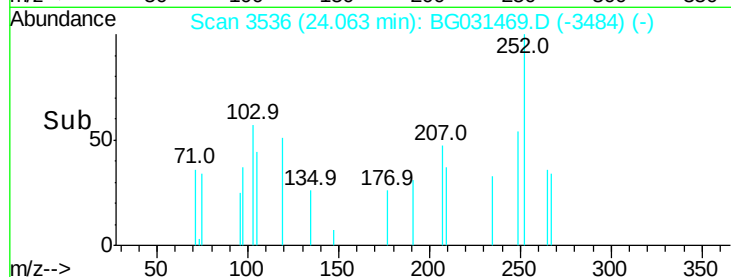
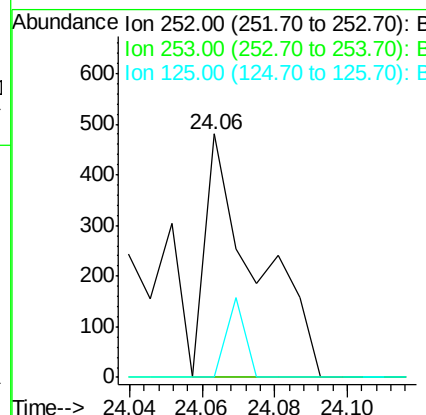
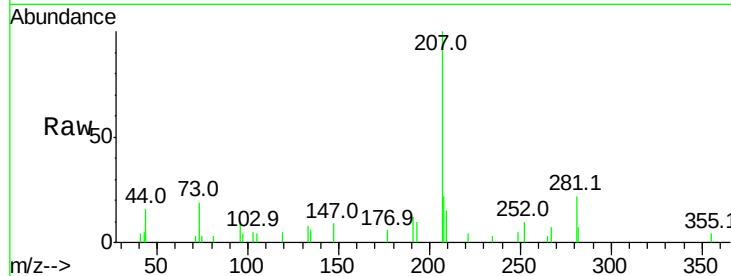




#88
Benzo(k)fluoranthene
Concen: 0.016 ng
RT: 24.06 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

Instrument :
BNA_G
ClientSampled :

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



#89
Benzo(a)pyrene
Concen: 0.018 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG031469.D
Acq: 12 Dec 2017 00:42

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

