

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031672.D
 Acq On : 21 Dec 2017 14:20
 Operator : SJ/JU
 Sample : PB105019BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 21 17:13:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.19	152	239929	20.00	ng	0.35
21) Naphthalene-d8	11.74	136	236114	20.00	ng	0.01
38) Acenaphthene-d10	15.48	164	161383	20.00	ng	0.01
63) Phenanthrene-d10	18.21	188	439222	20.00	ng	0.00
75) Chrysene-d12	22.58	240	560841	20.00	ng	0.00
86) Perylene-d12	26.39	264	556954	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.27	112	440277	33.42	ng	0.02
7) Phenol-d6	7.95	99	546424	31.95	ng	0.02
23) Nitrobenzene-d5	10.05	82	281638	90.07	ng	0.01
41) 2,4,6-Tribromophenol	16.95	330	335011	136.05	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	1071461	83.33	ng	0.01
78) Terphenyl-d14	20.75	244	2089508	85.12	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.76	88	68	0.014	ng	# 1
4) n-Nitrosodimethylamine	4.42	42	60	0.011	ng	# 1
6) Aniline	8.36	93	648	0.029	ng	# 1
8) 2-Chlorophenol	8.39	128	67	0.004	ng	# 1
9) Benzaldehyde	8.36	77	9932	0.964	ng	94
10) Phenol	8.36	94	993	0.058	ng	# 1
11) bis(2-Chloroethyl)ether	8.36	93	648	0.045	ng	# 1
15) Benzyl Alcohol	9.19	79	5091	0.397	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	10.05	45	53	0.005	ng	# 1
19) n-Nitroso-di-n-propylamine	10.05	70	36644	3.137	ng	# 73
24) Nitrobenzene	10.05	77	1071	0.332	ng	# 32
25) Isophorone	10.15	82	114	0.017	ng	# 69
30) 1,2,4-Trichlorobenzene	11.64	180	55	0.011	ng	# 12
45) 1,1'-Biphenyl	14.32	154	2331	0.169	ng	86
47) 2-Nitroaniline	14.11	65	1221	0.672	ng	# 1
48) Acenaphthylene	15.18	152	66	0.004	ng	# 59
50) 2,6-Dinitrotoluene	15.48	165	21677	8.288	ng	# 19
51) Acenaphthene	15.48	154	730	0.066	ng	# 5
56) 2,4-Dinitrotoluene	15.48	165	21677	6.446	ng	# 17
57) Fluorene	16.95	166	12766	0.931	ng	# 90
62) Azobenzene	16.78	77	141	0.016	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.95	198	794	8.613	ng	# 1
65) n-Nitrosodiphenylamine	16.95	169	10086	0.691	ng	# 47
66) 4-Bromophenyl-phenylether	16.95	248	28178	4.437	ng	# 1
70) Phenanthrene	18.25	178	59	0.002	ng	# 60
71) Anthracene	18.35	178	53	0.002	ng	# 59
73) Di-n-butylphthalate	19.13	149	65	0.003	ng	# 78
76) Benzidine	20.37	184	945	0.055	ng	# 66
77) Pyrene	20.75	202	7717	0.215	ng	# 74
79) Butylbenzylphthalate	21.44	149	768	0.064	ng	# 20
80) Benzo(a)anthracene	22.58	228	1928	0.054	ng	# 59
81) 3,3'-Dichlorobenzidine	22.44	252	53	0.004	ng	# 26
82) Chrysene	22.63	228	338	0.010	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.40	149	657	0.038	ng	# 50

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

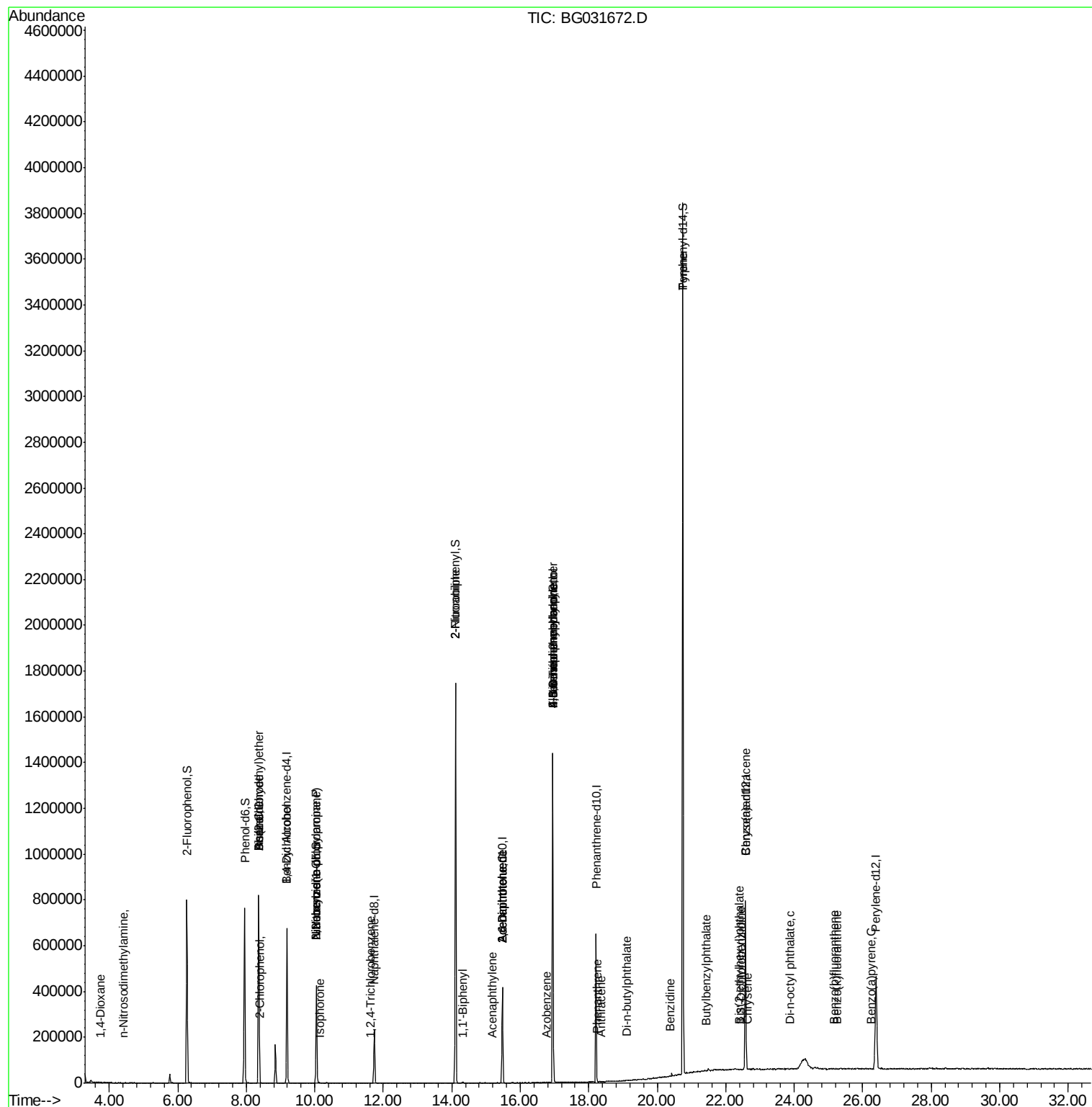
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	23.86	149	261	0.009	ng	# 22
87) Benzo(b)fluoranthene	25.17	252	146	0.004	ng	# 37
88) Benzo(k)fluoranthene	25.25	252	200	0.006	ng	# 1
89) Benzo(a)pyrene	26.23	252	260	0.008	ng	# 59

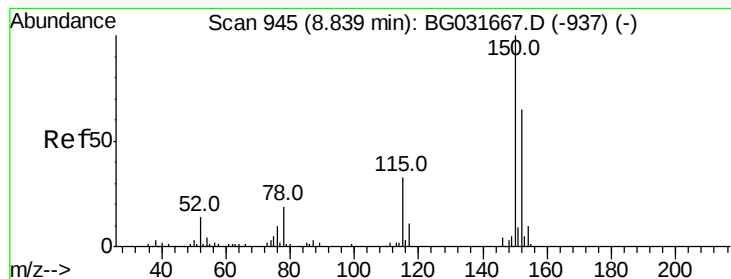
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

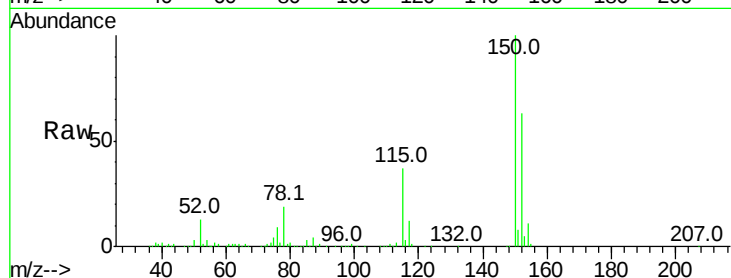
Tot Ion:152 Resp: 239929

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

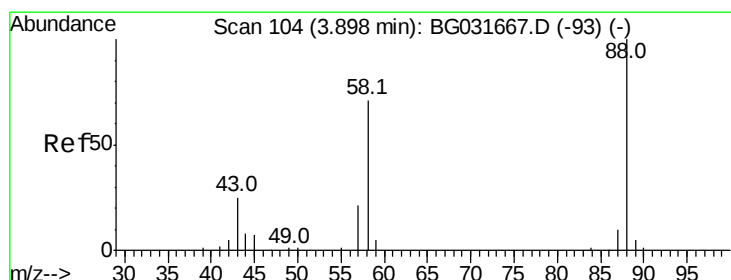
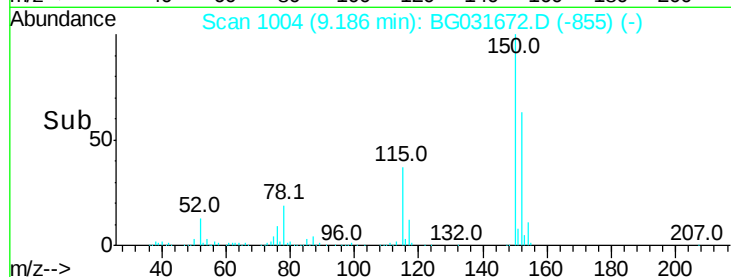
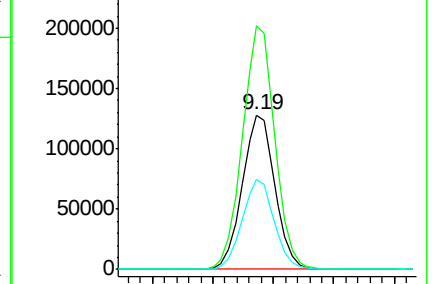
115 58.0 53.0 79.4



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: 0.014 ng

RT: 3.76 min Scan# 80

Delta R.T. -0.14 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

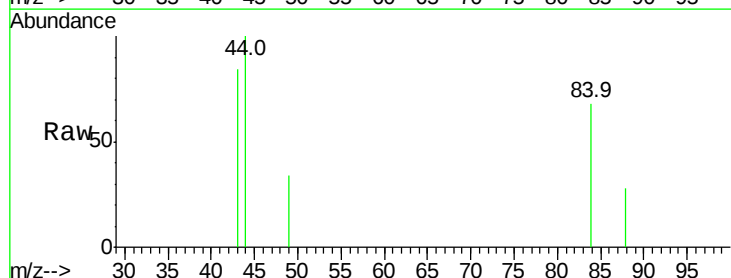
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

58 132.4 79.6 119.4#

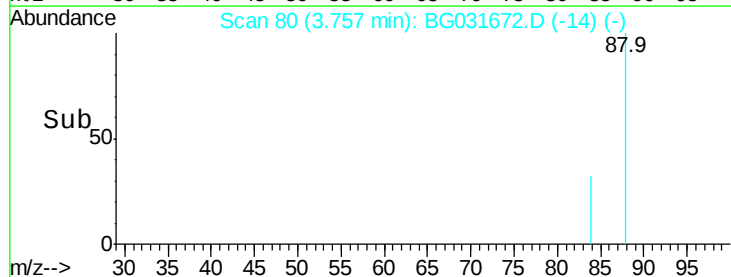
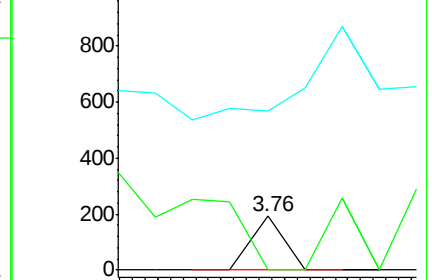
43 794.1 27.4 41.0#

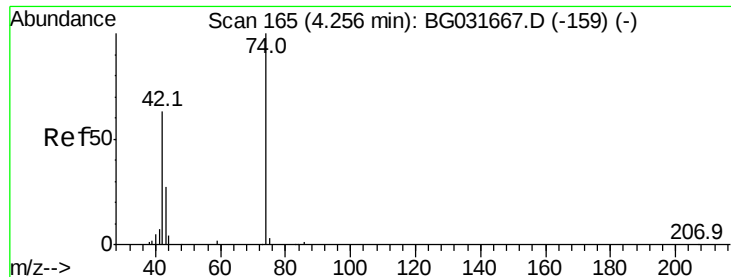


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.011 ng

RT: 4.42 min Scan# 193

Delta R.T. 0.16 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampled :

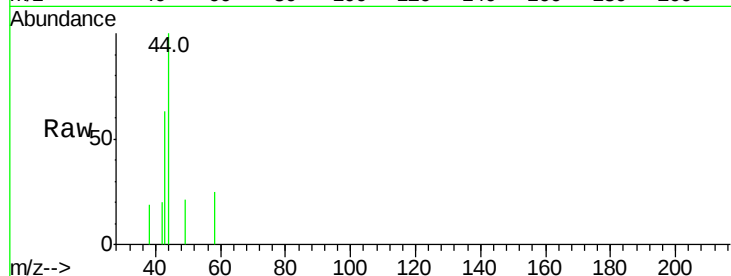
Tot Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

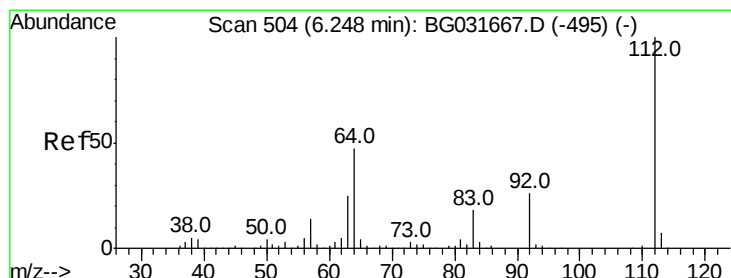
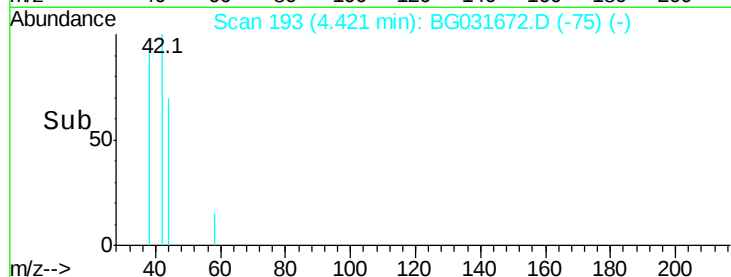
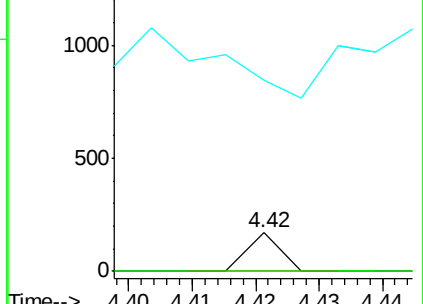
44 493.6 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 33.423 ng

RT: 6.27 min Scan# 507

Delta R.T. 0.02 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

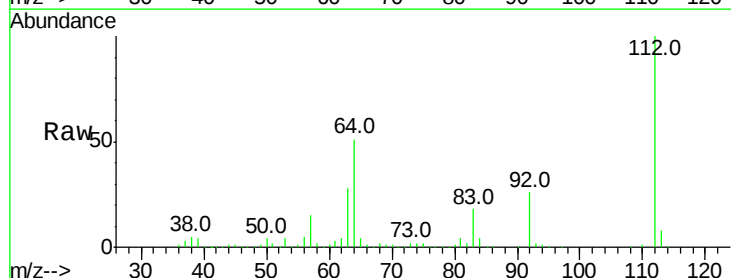
Tgt Ion: 112 Resp: 440277

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

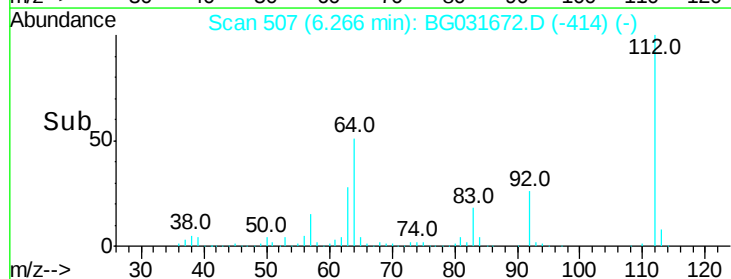
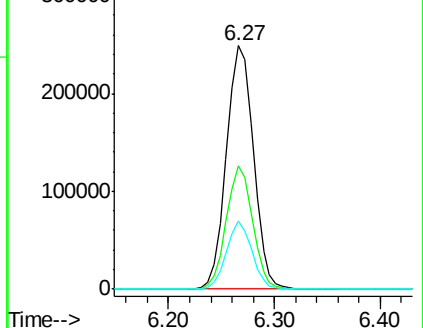
63 27.8 30.1 45.1#

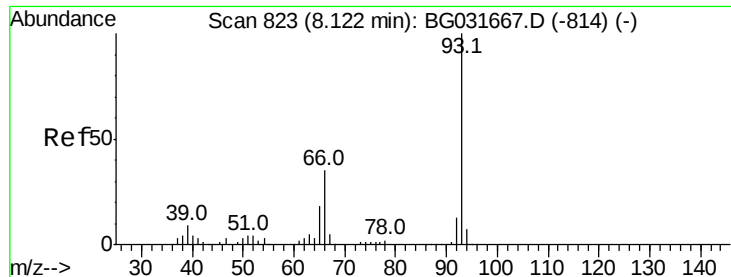


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.029 ng

RT: 8.36 min Scan# 864

Delta R.T. 0.24 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

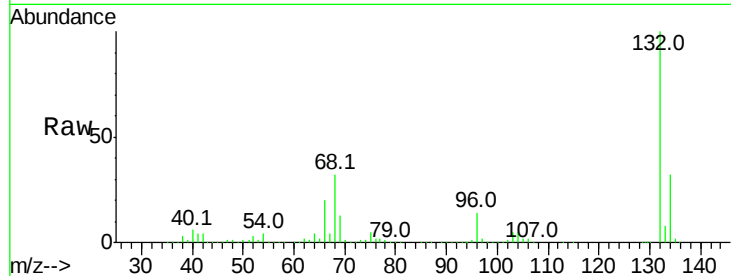
Tot Ion: 93 Resp: 648

Ion Ratio Lower Upper

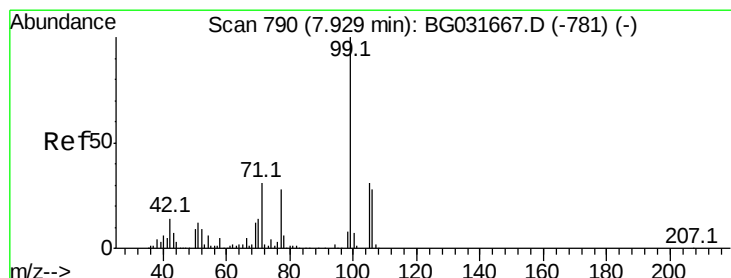
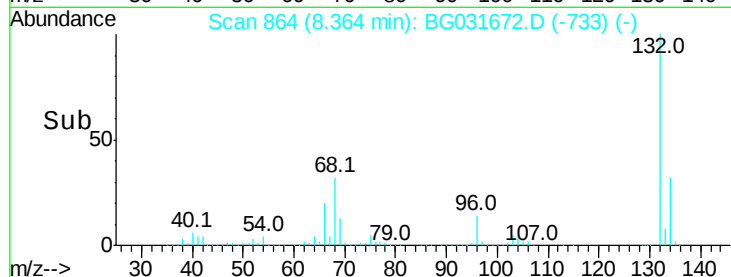
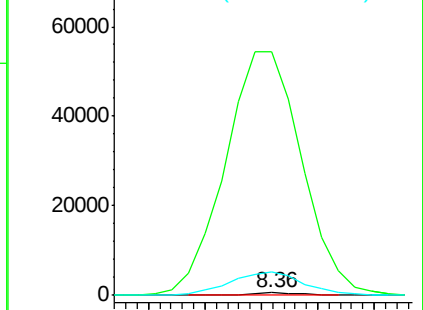
93 100

66 9313.7 33.7 50.5#

65 909.6 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: 31.949 ng

RT: 7.95 min Scan# 794

Delta R.T. 0.02 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

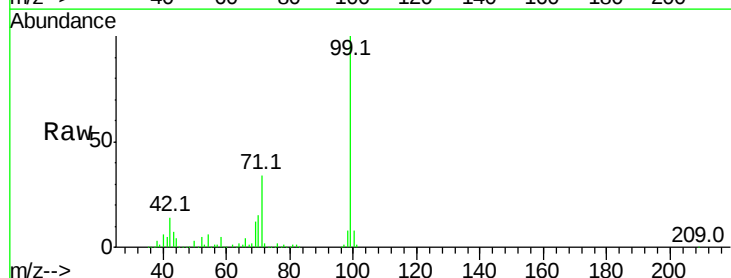
Tgt Ion: 99 Resp: 546424

Ion Ratio Lower Upper

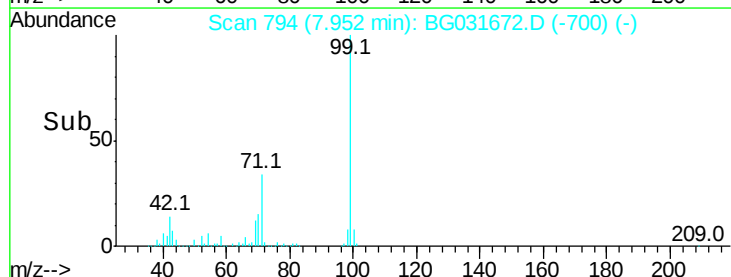
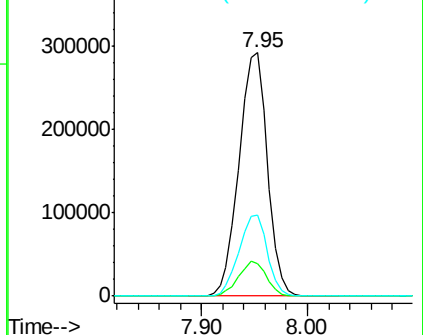
99 100

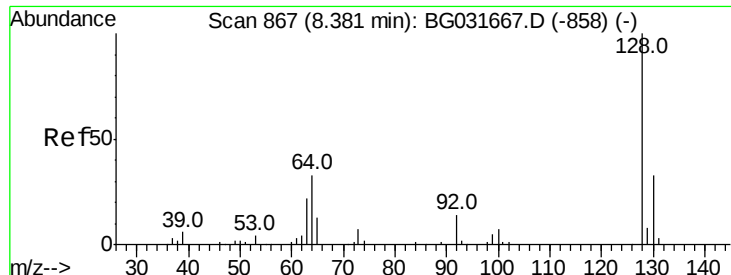
42 13.5 14.1 21.1#

71 33.5 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





#8

2-Chlorophenol

Concen: 0.004 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

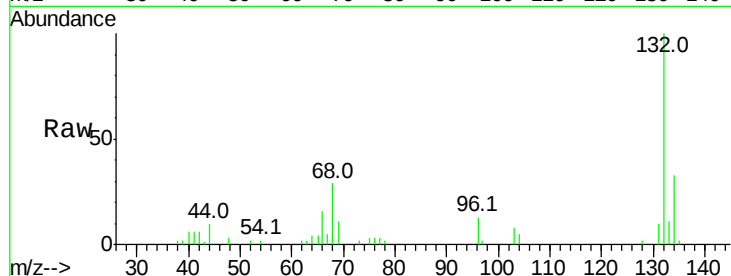
Tot Ion:128 Resp: 67

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

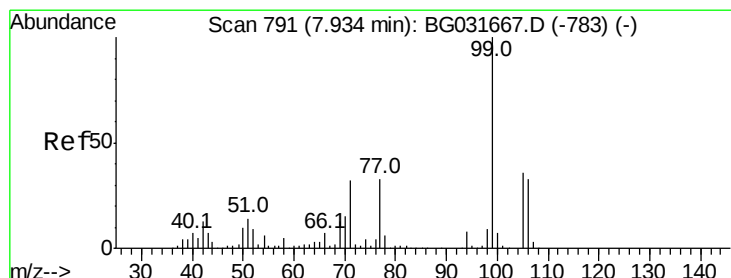
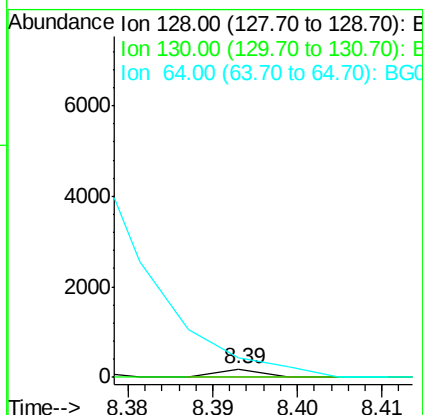
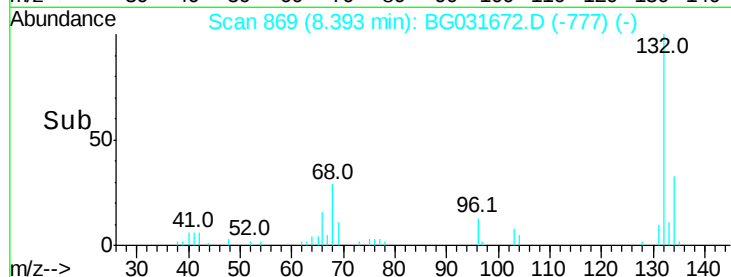
64 234.2 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 0.964 ng

RT: 8.36 min Scan# 864

Delta R.T. 0.43 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

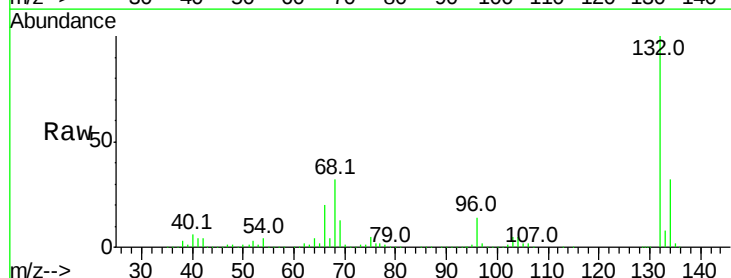
Tgt Ion: 77 Resp: 9932

Ion Ratio Lower Upper

77 100

105 81.2 71.3 111.3

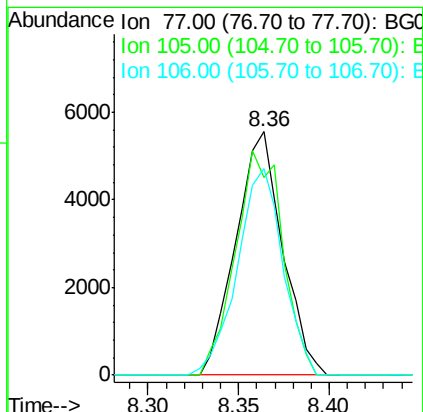
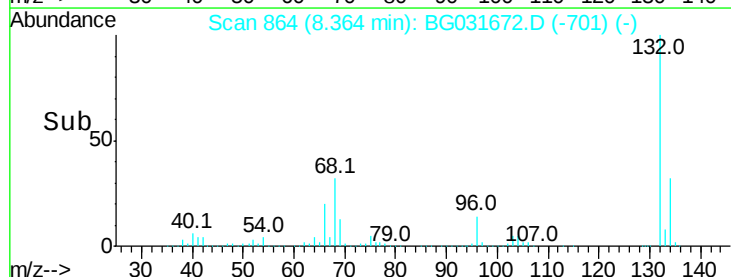
106 85.1 64.2 104.2

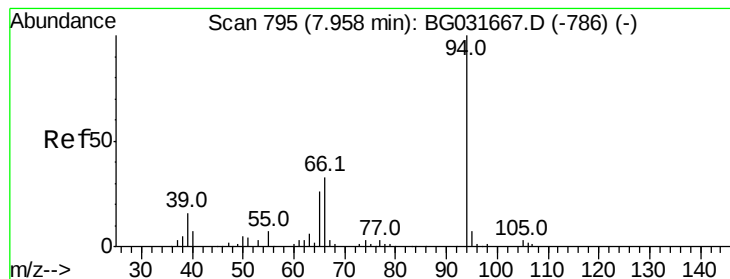


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.058 ng

RT: 8.36 min Scan# 864

Delta R.T. 0.41 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

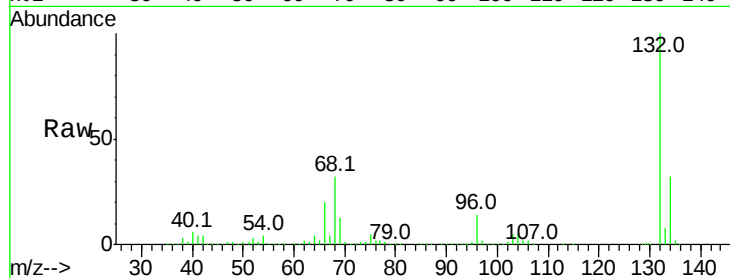
Tot Ion: 94 Resp: 993

Ion Ratio Lower Upper

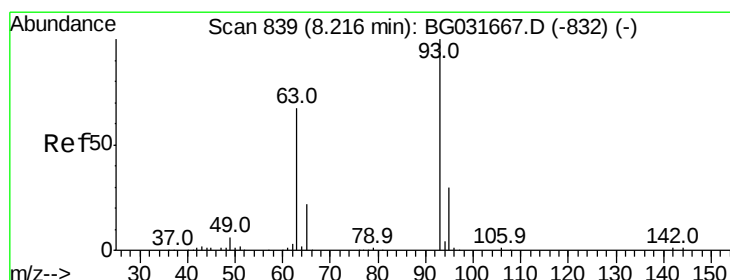
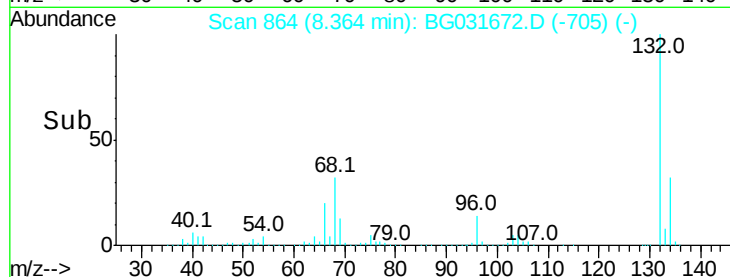
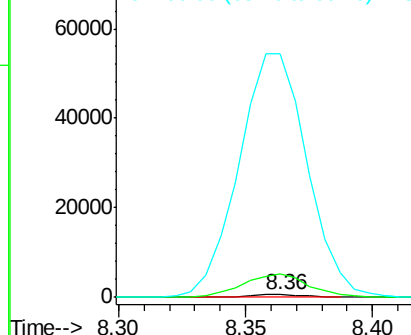
94 100

65 845.9 11.9 51.9#

66 8661.1 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: 0.045 ng

RT: 8.36 min Scan# 864

Delta R.T. 0.15 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

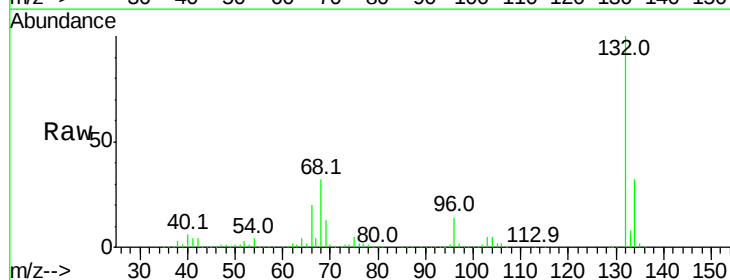
Tgt Ion: 93 Resp: 648

Ion Ratio Lower Upper

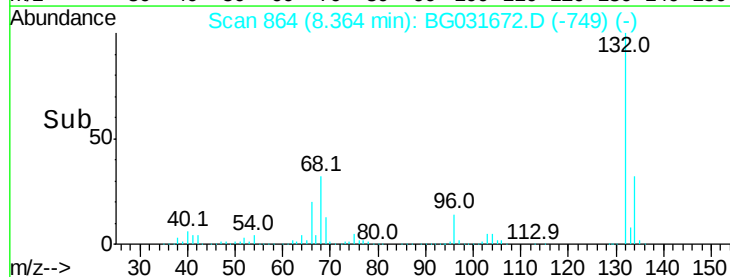
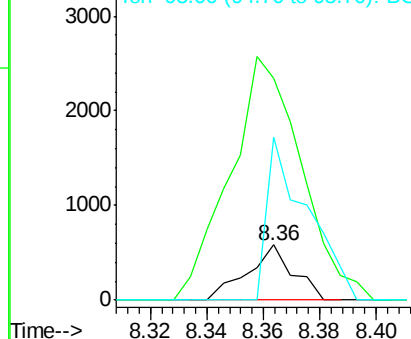
93 100

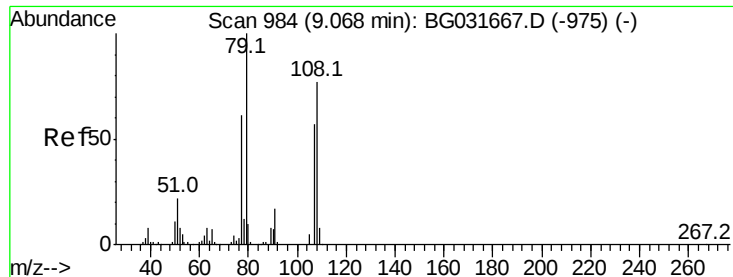
63 400.7 67.1 107.1#

95 294.3 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





#15

Benzyl Alcohol

Concen: 0.397 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.12 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

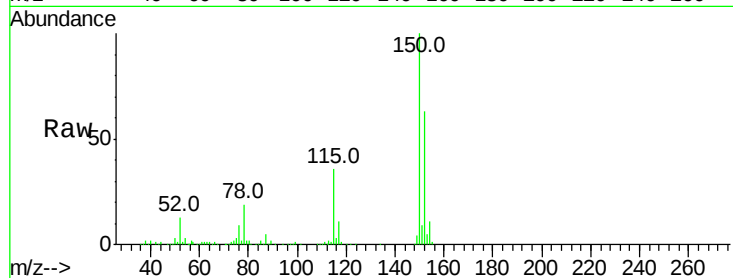
Tot Ion: 79 Resp: 5091

Ion Ratio Lower Upper

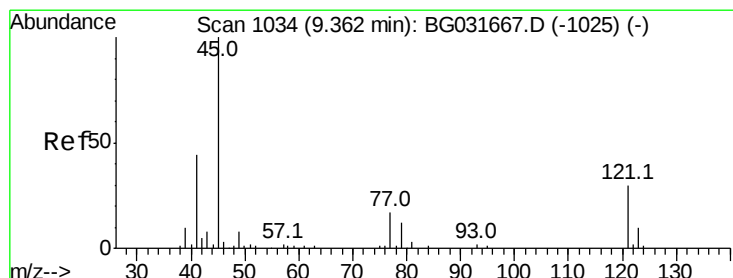
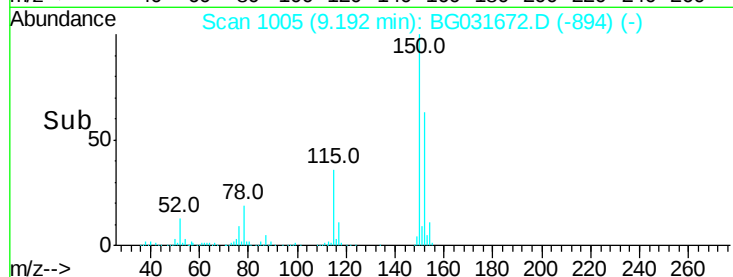
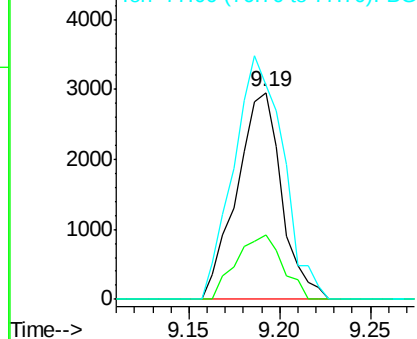
79 100

108 31.1 57.2 85.8#

77 103.7 46.1 69.1#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.005 ng

RT: 10.05 min Scan# 1151

Delta R.T. 0.69 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

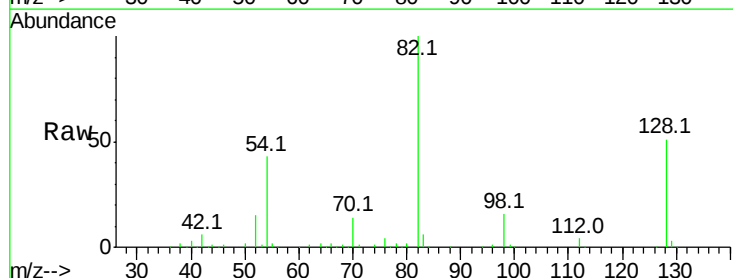
Tgt Ion: 45 Resp: 53

Ion Ratio Lower Upper

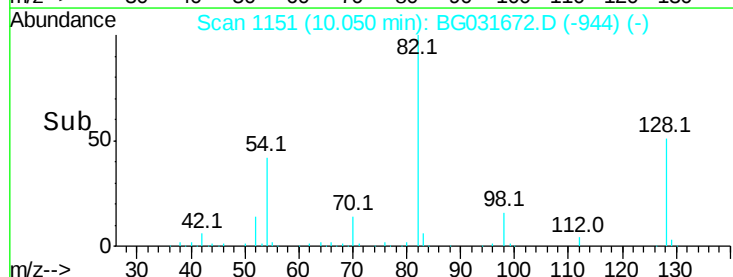
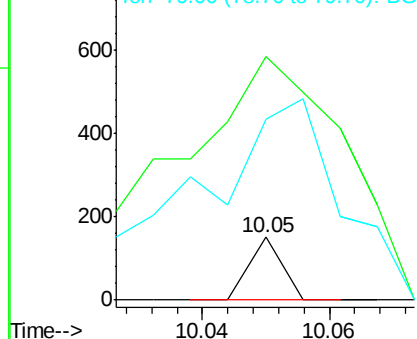
45 100

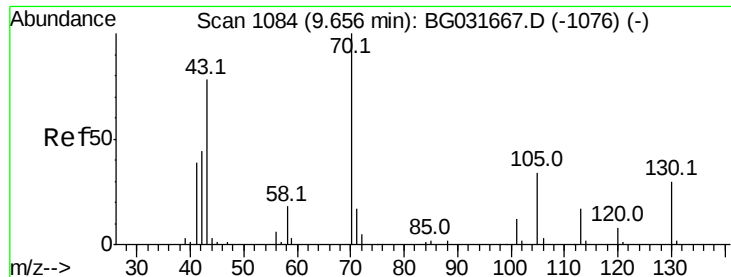
77 386.8 0.0 30.2#

79 286.8 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

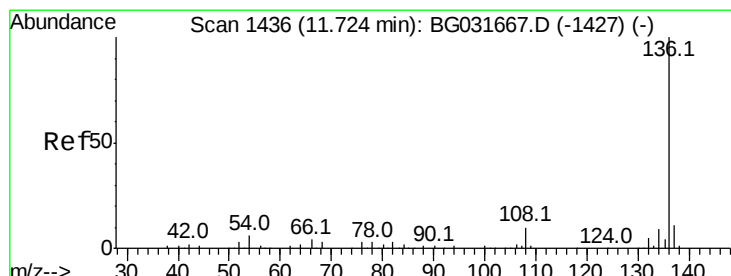
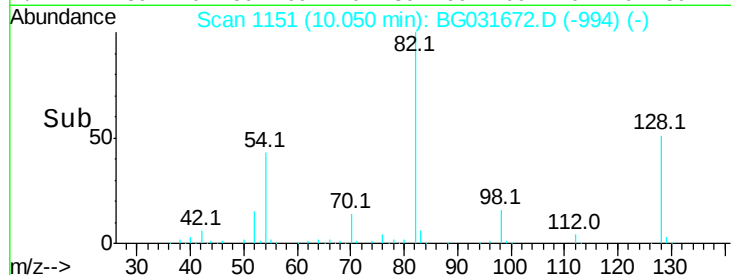
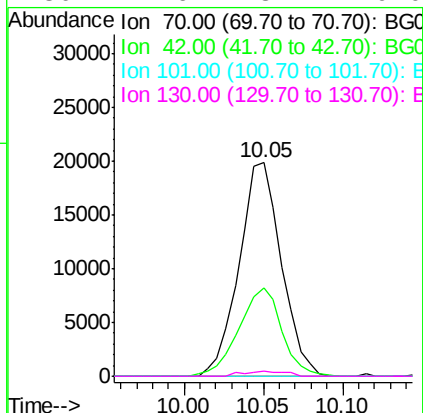
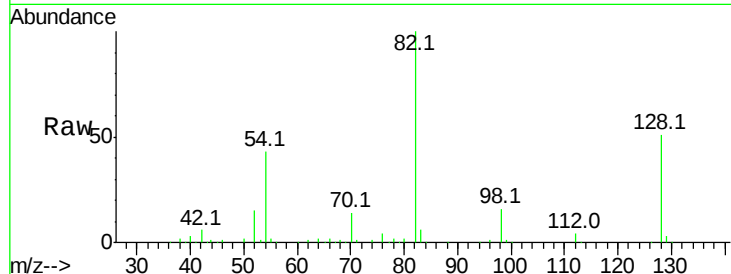




#19
n-Nitroso-di-n-propylamine
Concen: 3.137 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

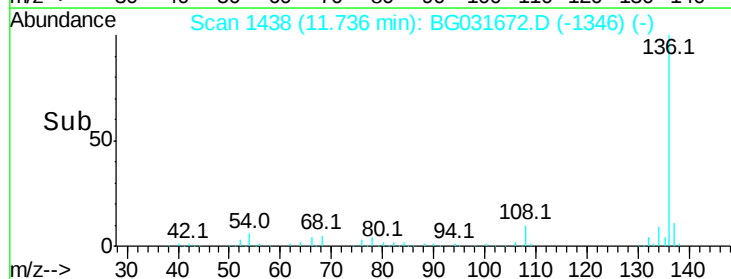
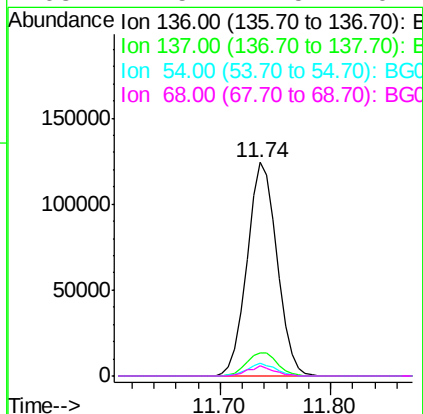
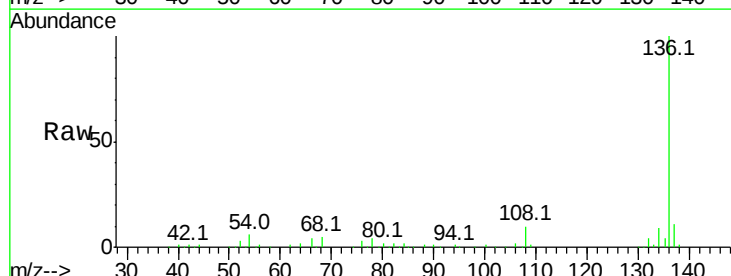
Instrument :
BNA_G
ClientSampleId :

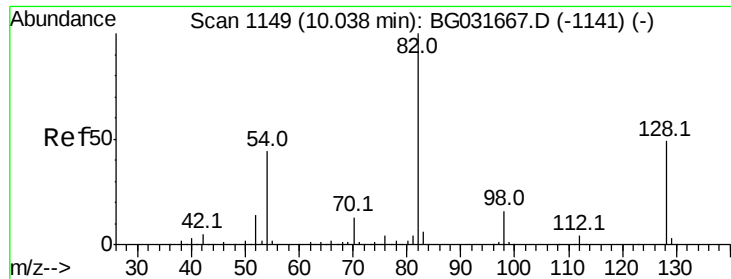
Tot Ion: 70 Resp: 36644
Ion Ratio Lower Upper
70 100
42 41.6 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion: 136 Resp: 236114
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.2 10.3 15.5#
68 4.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 90.071 ng

RT: 10.05 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

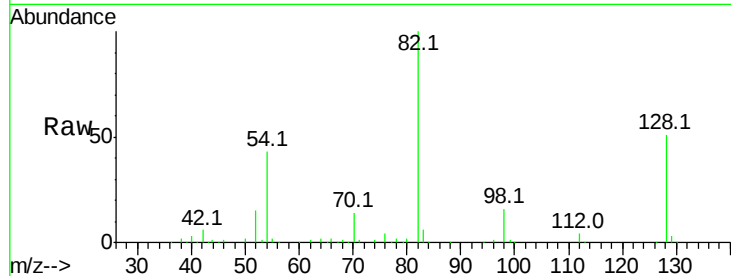
Tot Ion: 82 Resp: 281638

Ion Ratio Lower Upper

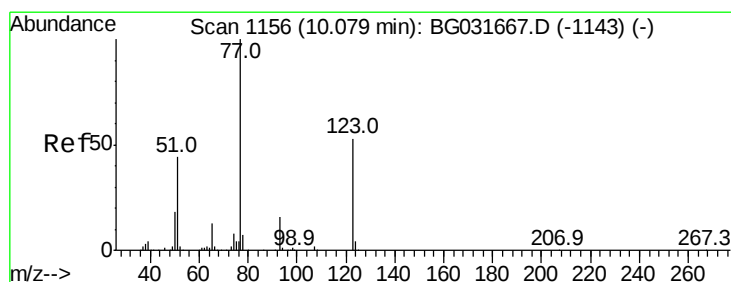
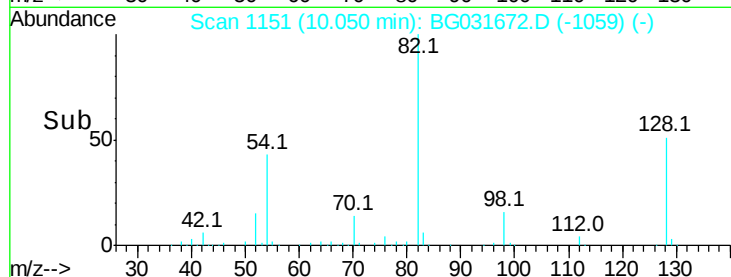
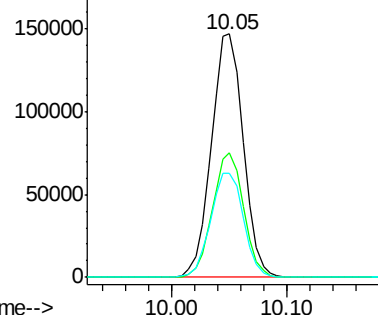
82 100

128 51.1 29.7 44.5#

54 42.7 43.1 64.7#



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



#24

Nitrobenzene

Concen: 0.332 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

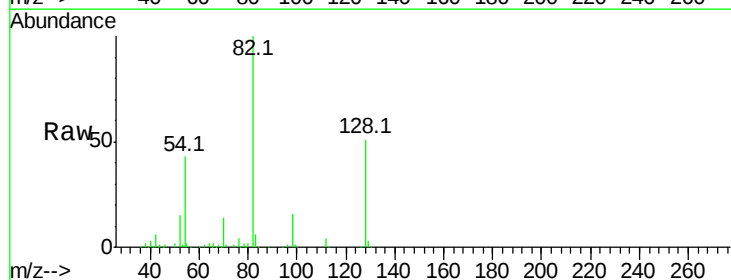
Tgt Ion: 77 Resp: 1071

Ion Ratio Lower Upper

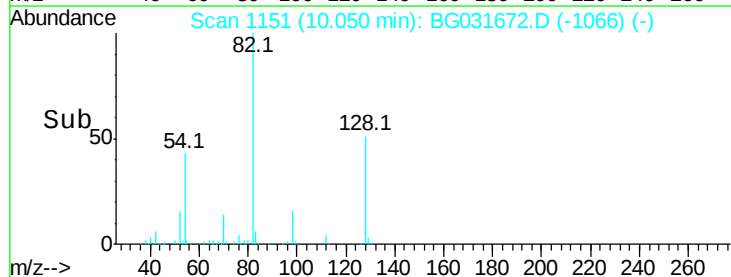
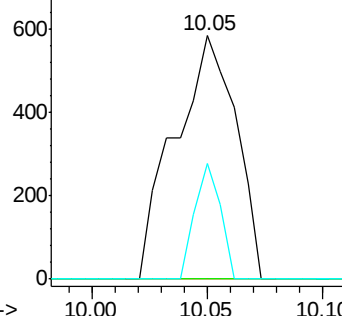
77 100

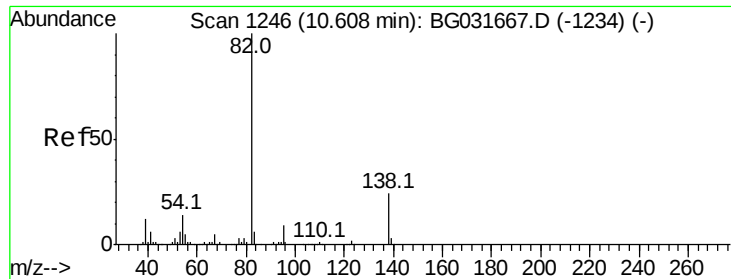
123 0.0 33.0 49.6#

65 47.3 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: 0.017 ng

RT: 10.15 min Scan# 1168

Delta R.T. -0.46 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampled :

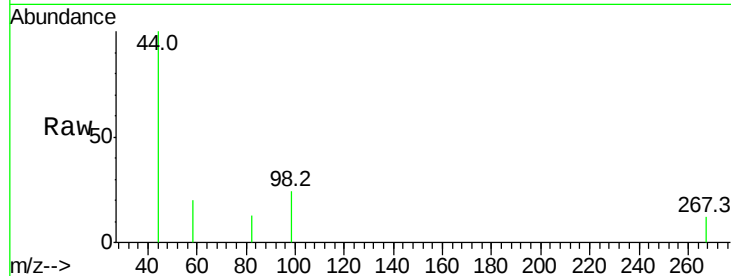
Tot Ion: 82 Resp: 114

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

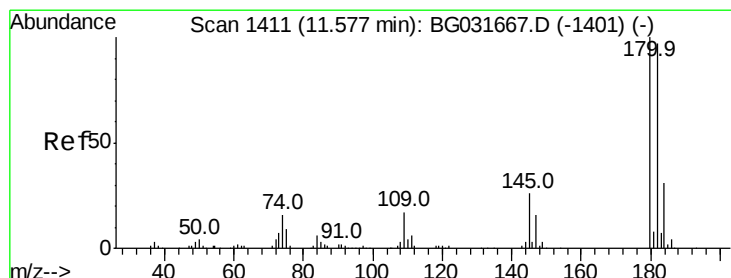
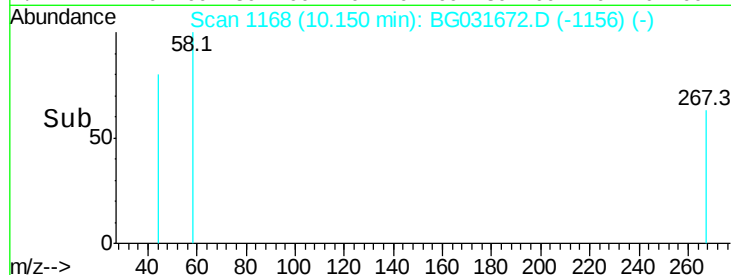
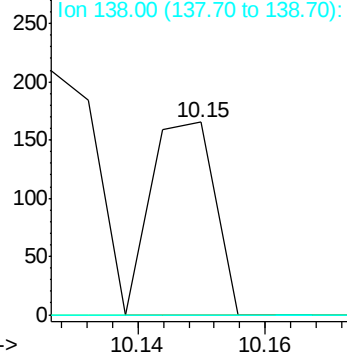
138 0.0 12.1 18.1#



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



#30

1,2,4-Trichlorobenzene

Concen: 0.011 ng

RT: 11.64 min Scan# 1421

Delta R.T. 0.06 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

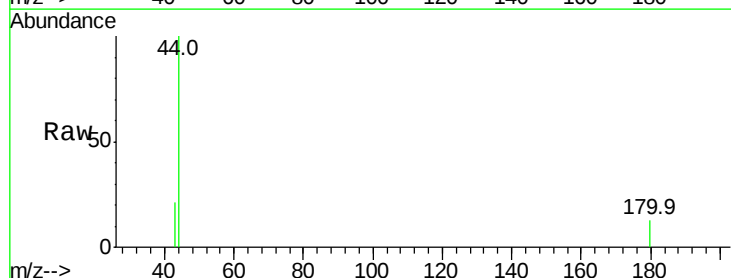
Tgt Ion: 180 Resp: 55

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

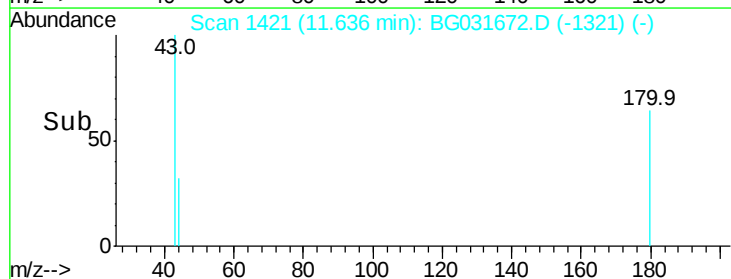
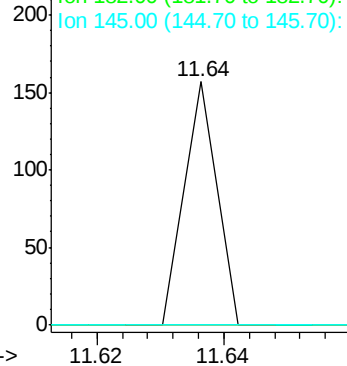
145 0.0 23.4 35.2#

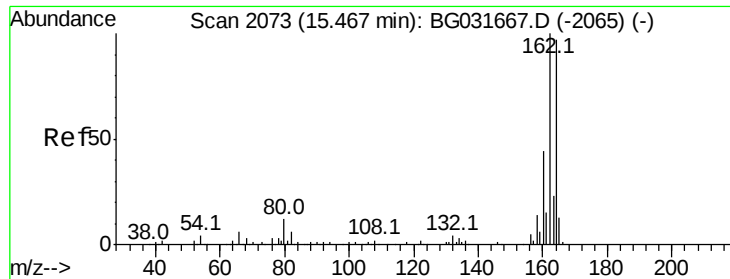


Abundance Ion 180.00 (179.70 to 180.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 145.00 (144.70 to 145.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

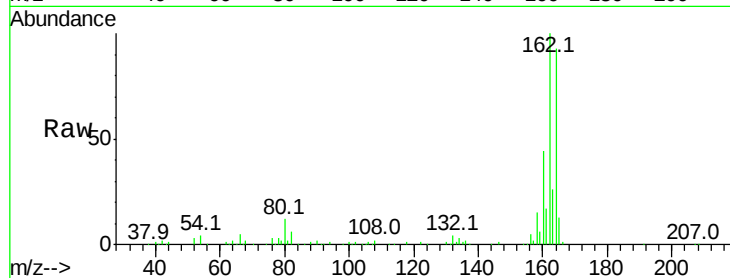
Tot Ion:164 Resp: 161383

Ion Ratio Lower Upper

164 100

162 107.7 78.8 118.2

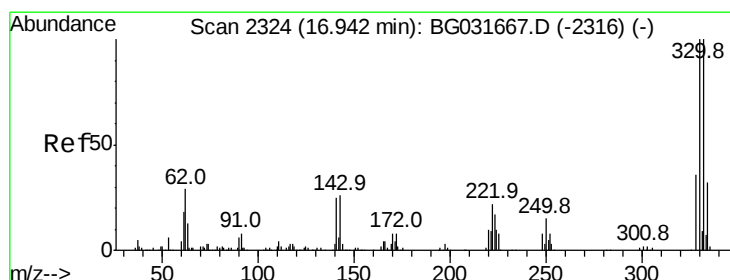
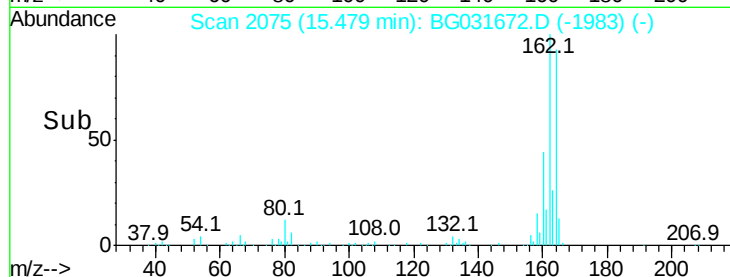
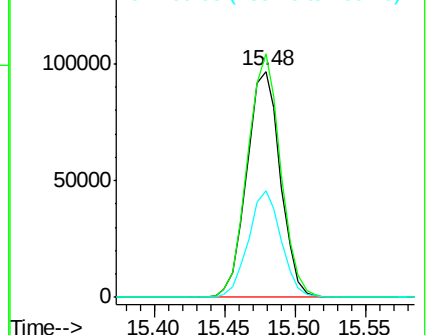
160 47.3 35.4 53.0



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: 136.046 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

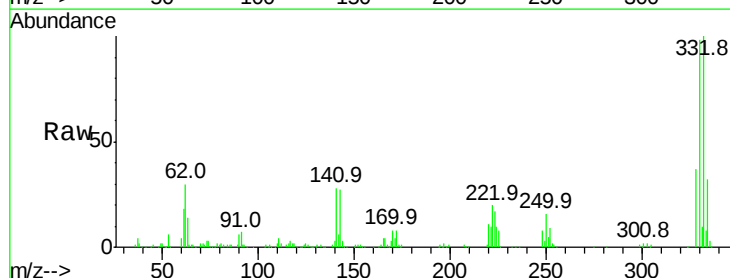
Tgt Ion:330 Resp: 335011

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

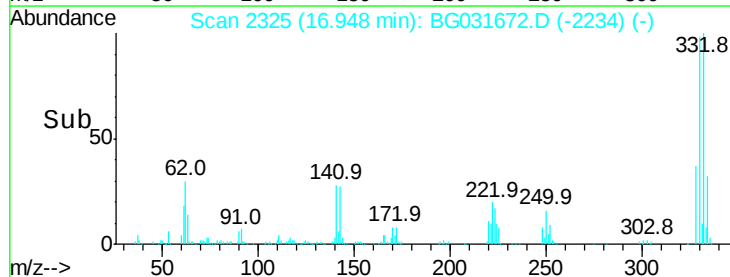
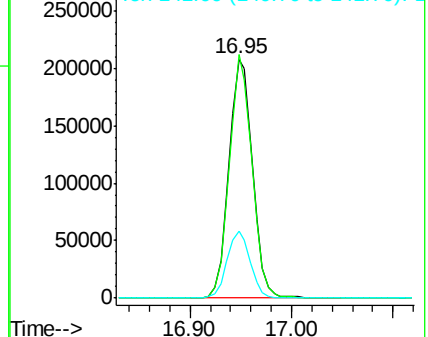
141 27.4 25.2 37.8

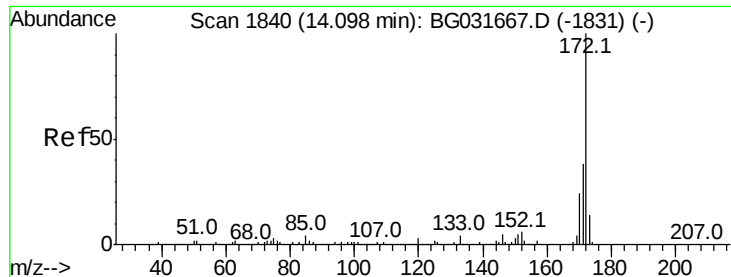


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

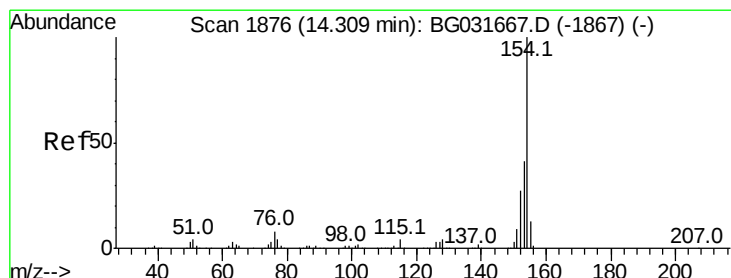
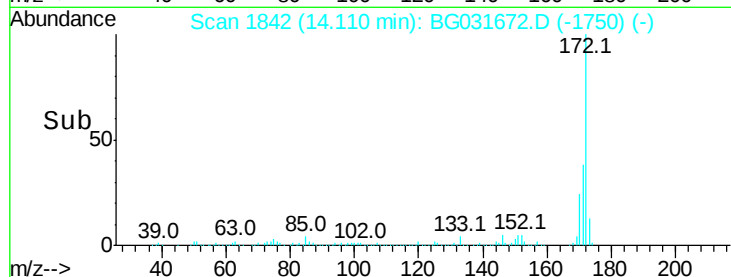
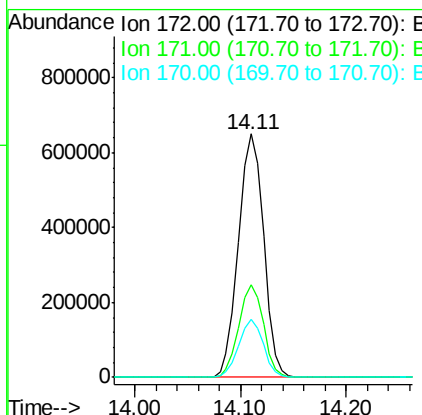
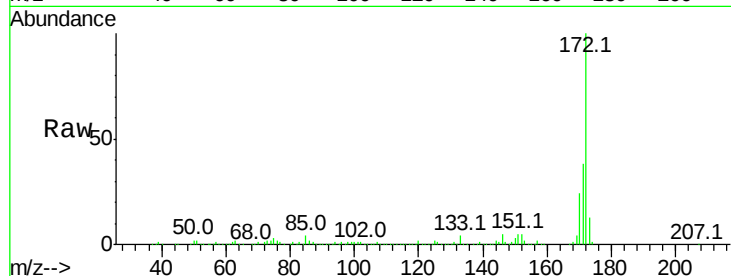




#44
2-Fluorobiphenyl
Concen: 83.331 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

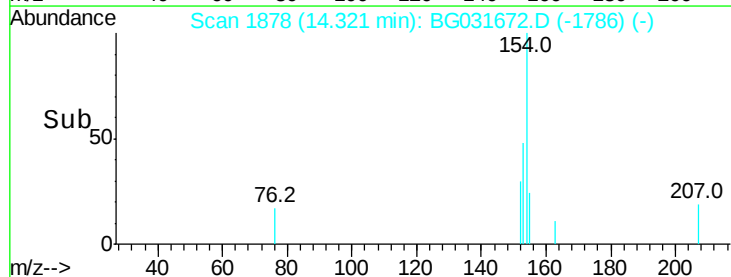
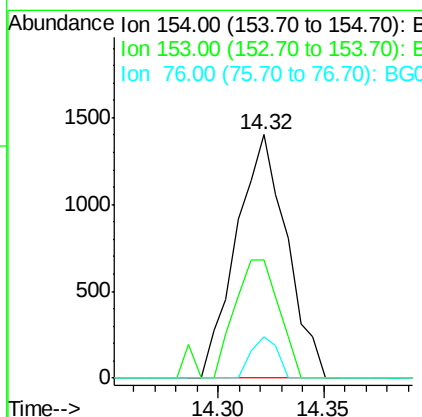
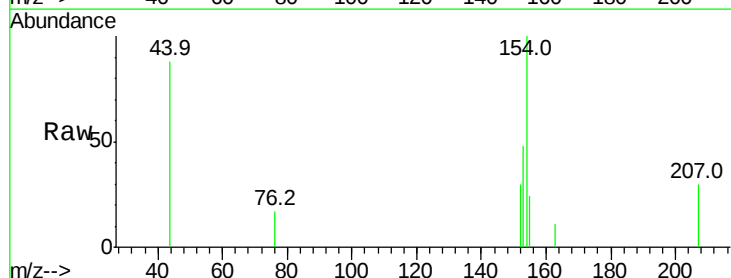
Instrument :
BNA_G
ClientSampleId :

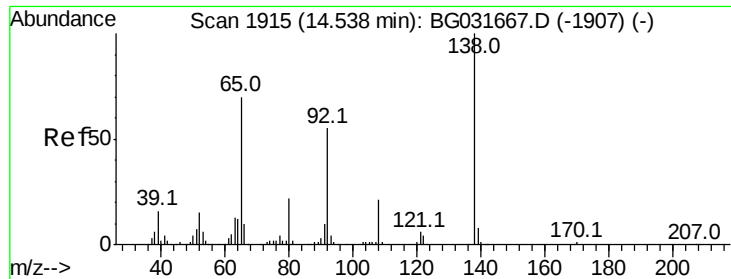
Tot Ion:172 Resp: 1071461
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 23.9 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.169 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion:154 Resp: 2331
Ion Ratio Lower Upper
154 100
153 48.4 19.8 59.8
76 17.0 0.0 31.9

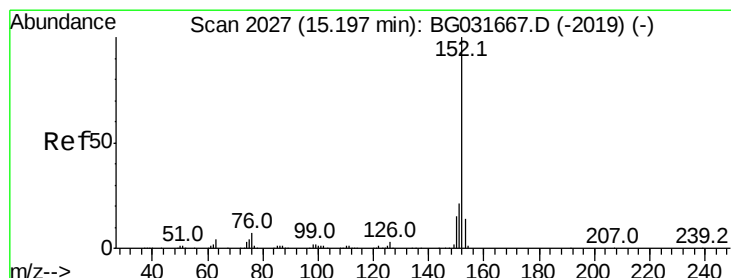
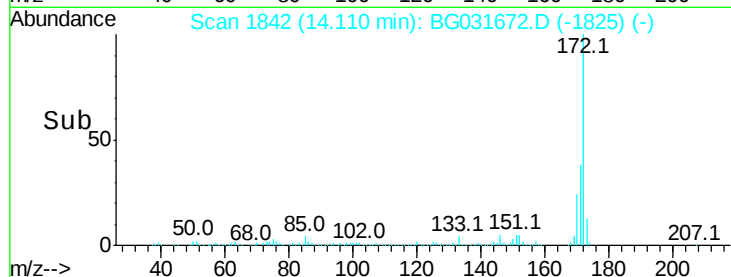
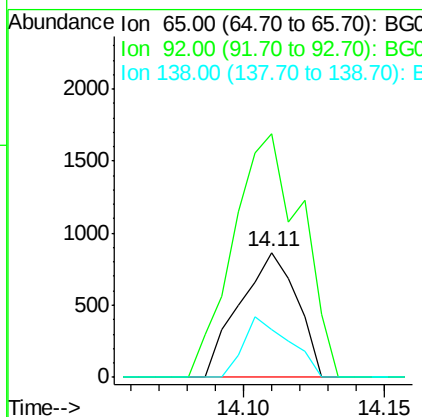
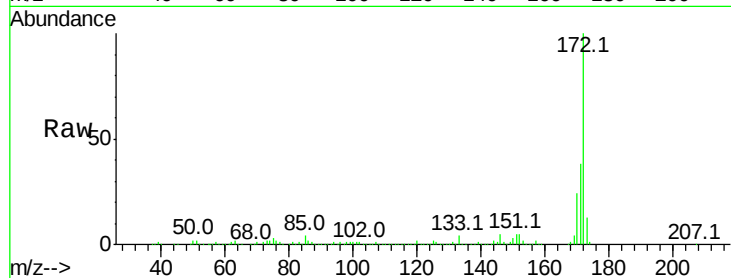




#47
2-Nitroaniline
Concen: 0.672 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.43 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

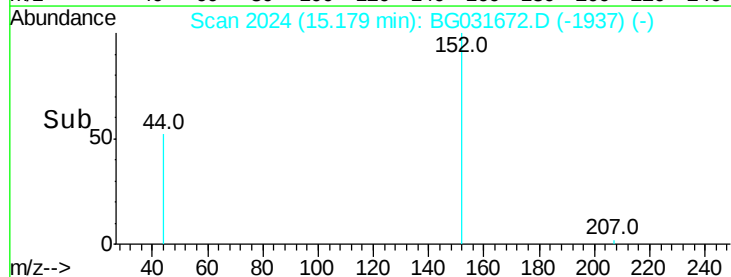
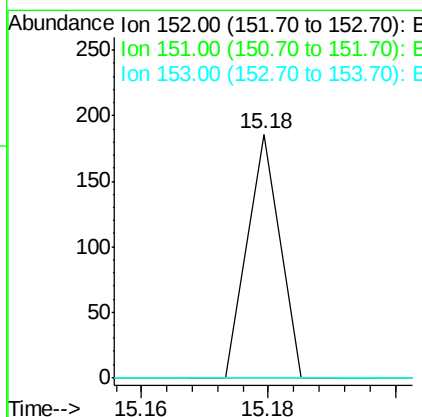
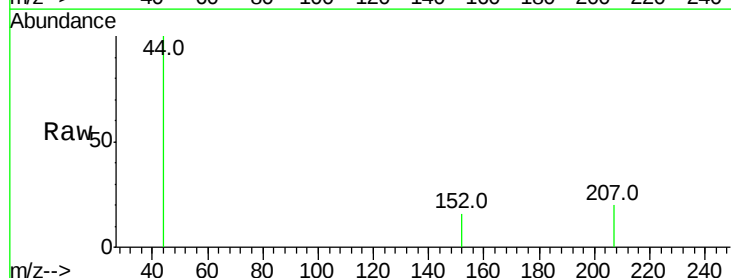
Instrument :
BNA_G
ClientSampleId :

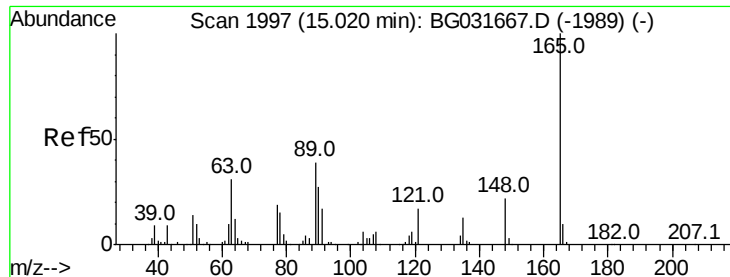
Tot Ion: 65 Resp: 1221
Ion Ratio Lower Upper
65 100
92 195.3 54.6 82.0#
138 38.0 72.9 109.3#



#48
Acenaphthylene
Concen: 0.004 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion: 152 Resp: 66
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.2 15.4#

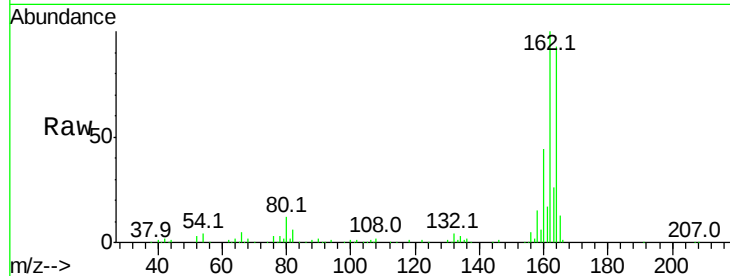




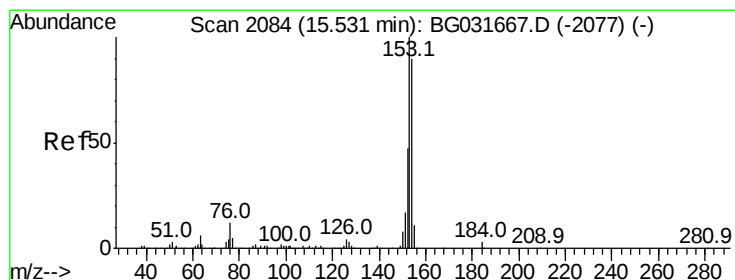
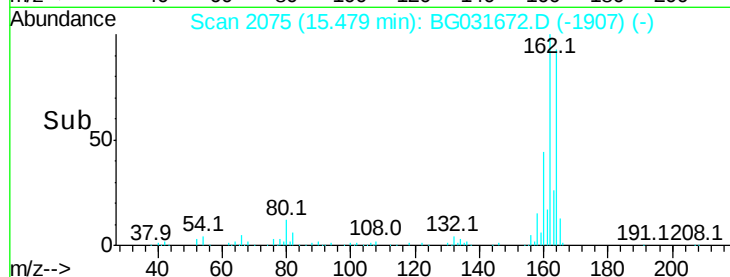
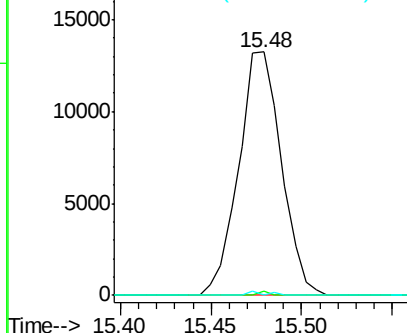
#50
2,6-Dinitrotoluene
Concen: 8.288 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.46 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 21677
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 0.0 49.2 73.8#

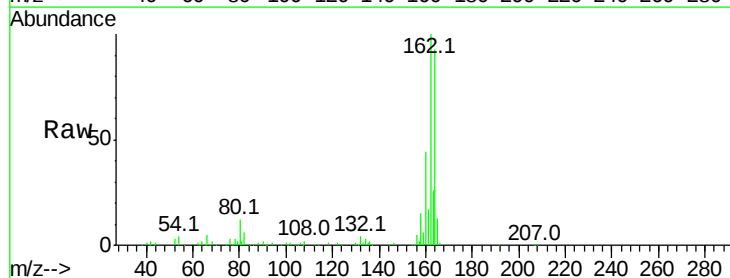


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

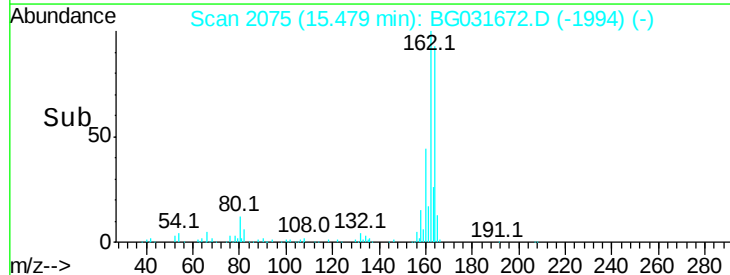
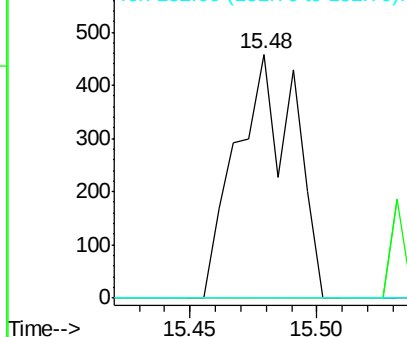


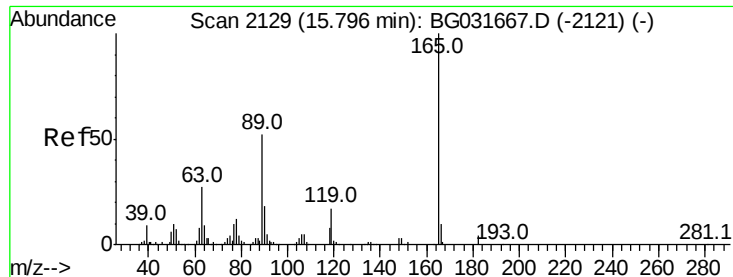
#51
Acenaphthene
Concen: 0.066 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.05 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion:154 Resp: 730
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

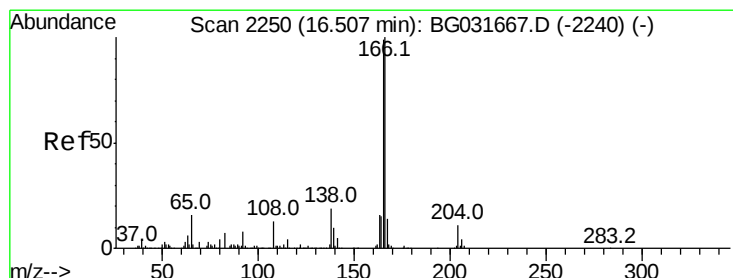
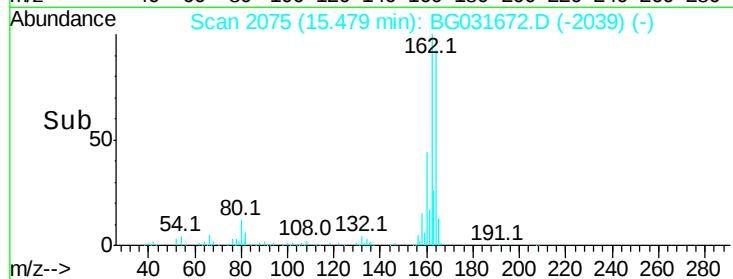
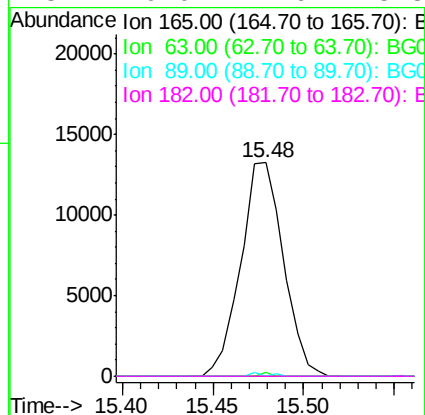
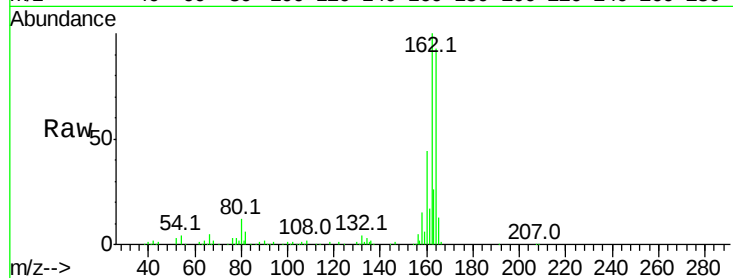




#56
2,4-Dinitrotoluene
Concen: 6.446 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.32 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

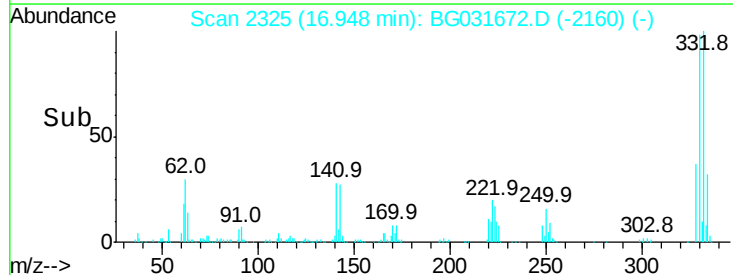
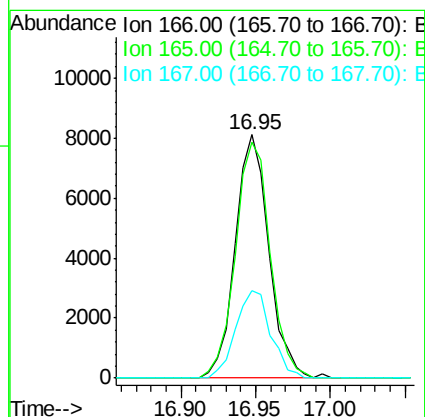
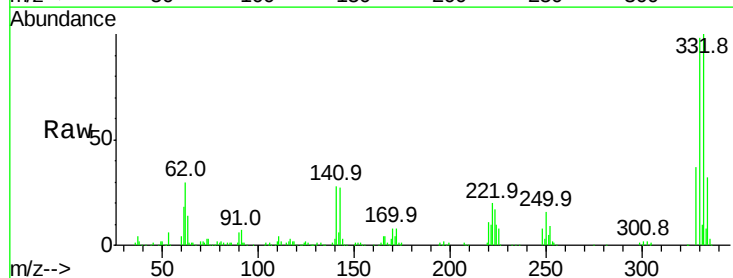
Instrument :
BNA_G
ClientSampleId :

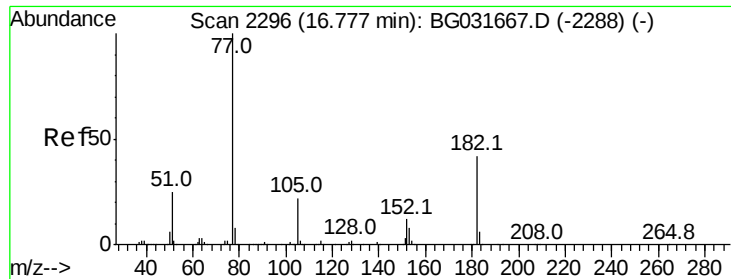
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#57
Fluorene
Concen: 0.931 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.44 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.6	121.0
167	36.0	10.4	15.6#





#62

Azobenzene

Concen: 0.016 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 141

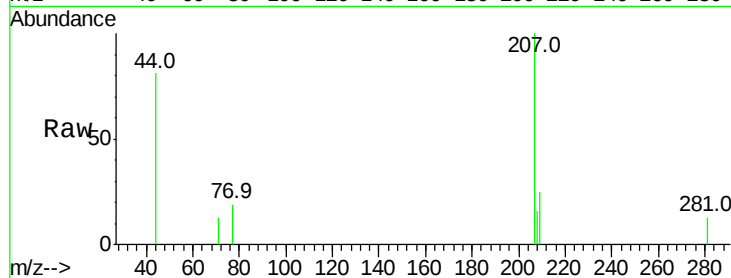
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

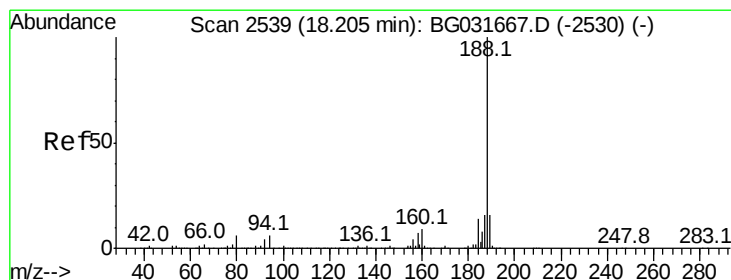
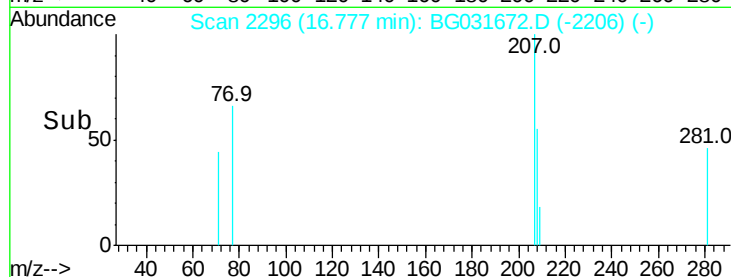
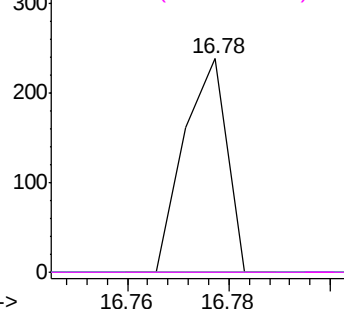


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

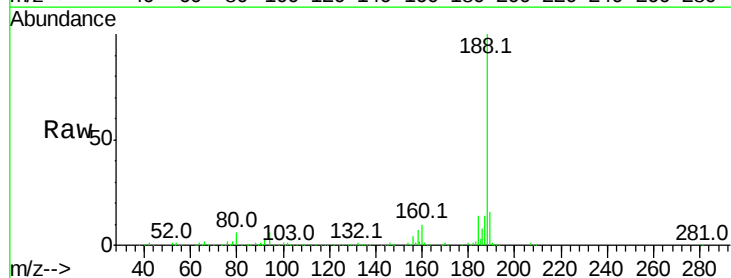
Tgt Ion: 188 Resp: 439222

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

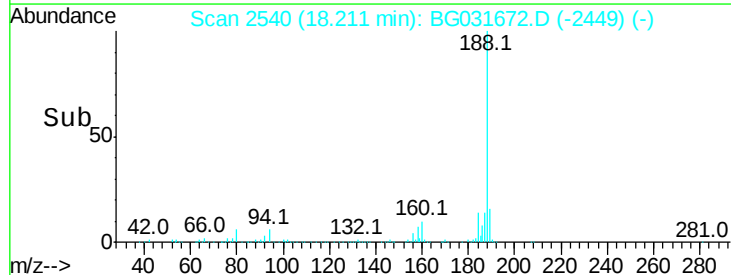
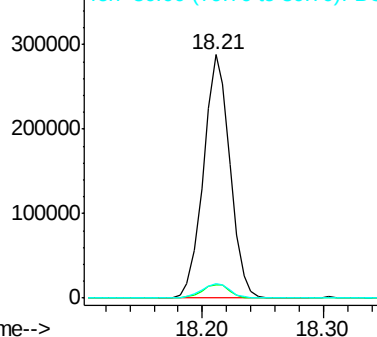
80 5.9 7.7 11.5#

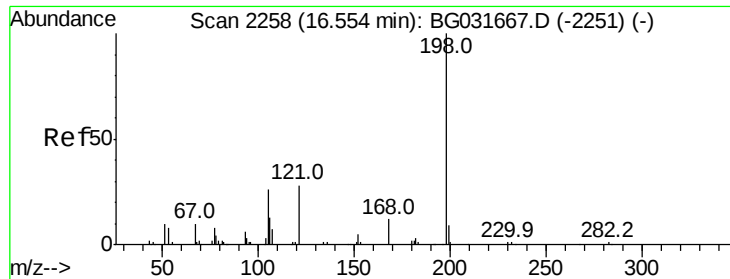


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

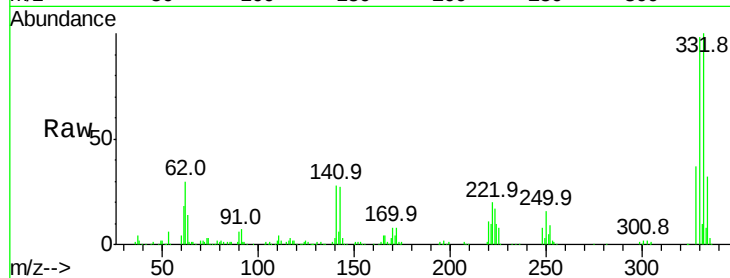




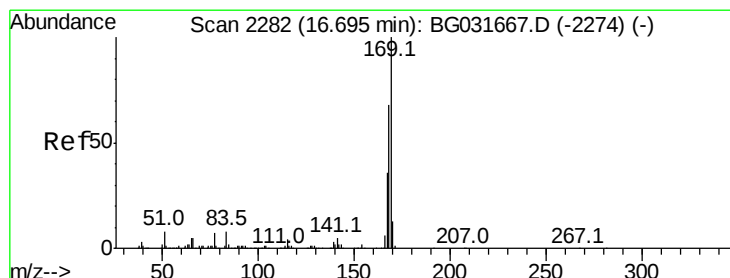
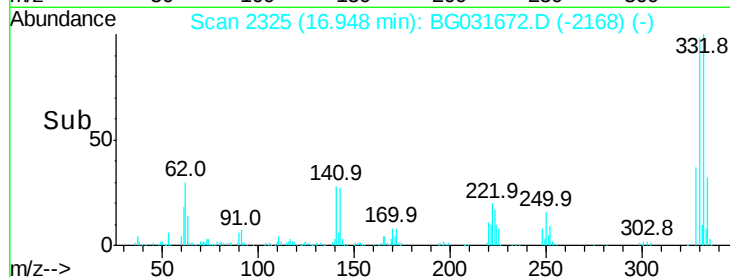
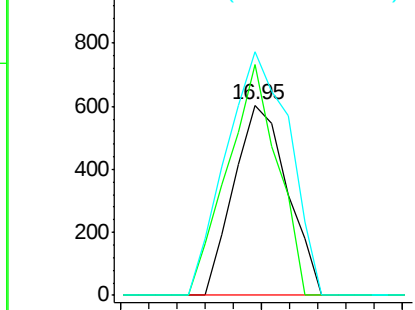
#64
4,6-Dinitro-2-methylphenol
Concen: 8.613 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.39 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 794
Ion Ratio Lower Upper
198 100
51 121.6 30.6 70.6#
105 128.2 23.8 63.8#

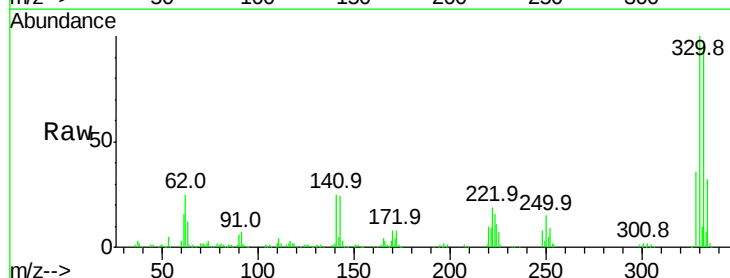


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

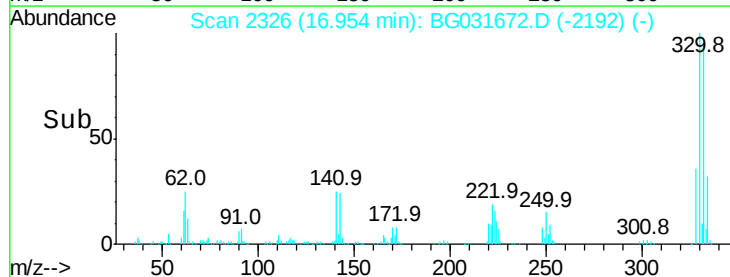
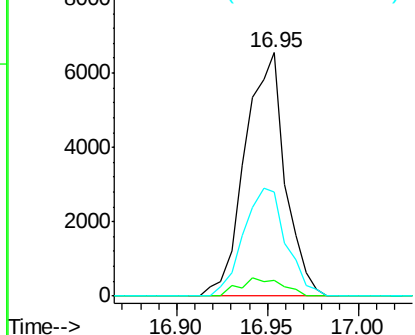


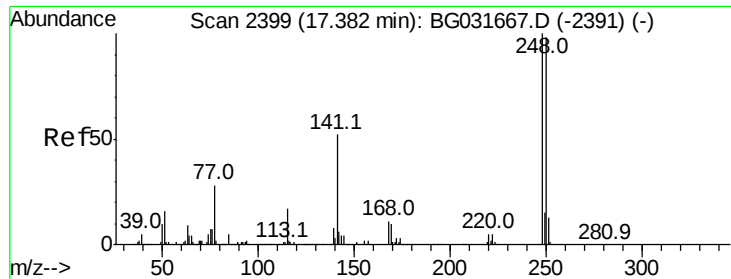
#65
n-Nitrosodiphenylamine
Concen: 0.691 ng
RT: 16.95 min Scan# 2326
Delta R.T. 0.26 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion:169 Resp: 10086
Ion Ratio Lower Upper
169 100
168 6.7 55.7 83.5#
167 42.7 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

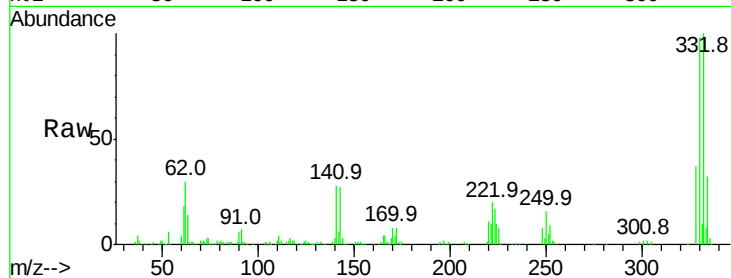




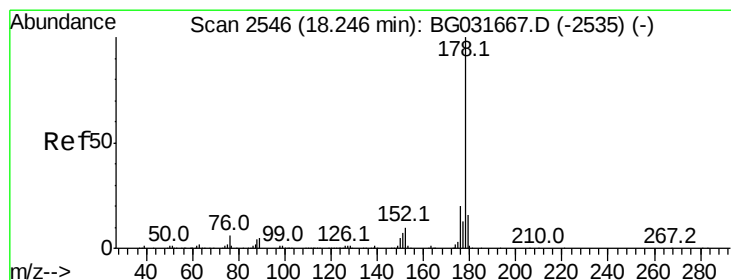
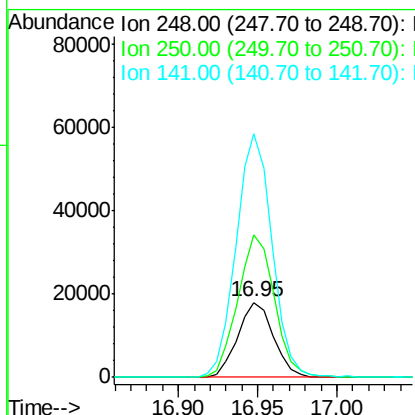
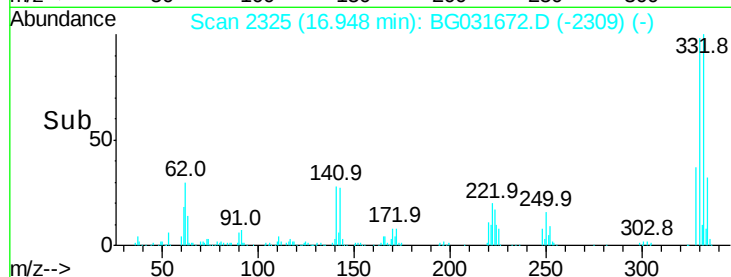
#66
 4-Bromophenyl-phenylether
 Concen: 4.437 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 28178
 Ion Ratio Lower Upper
 248 100
 250 190.4 77.1 115.7#
 141 325.8 50.8 76.2#

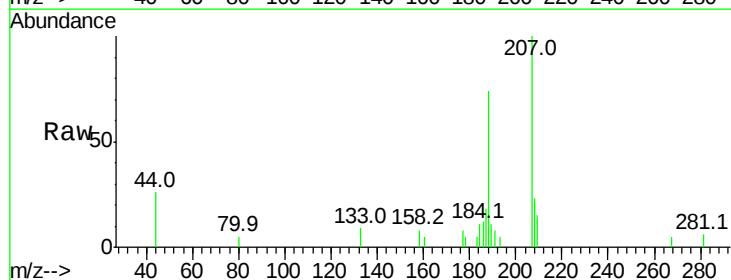


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

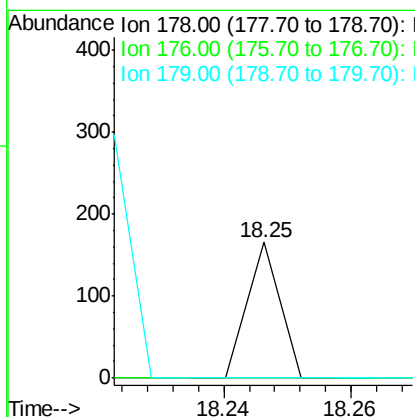
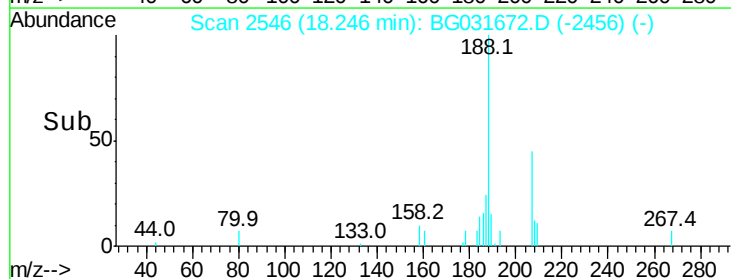


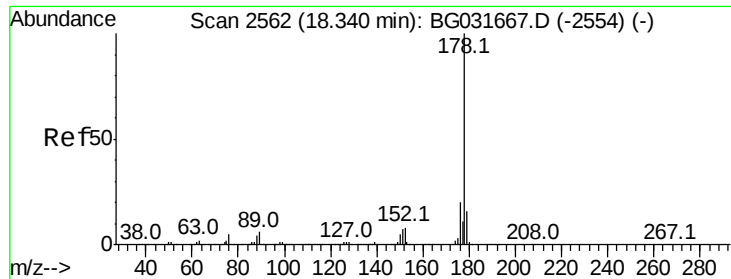
#70
 Phenanthrene
 Concen: 0.002 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

Tgt Ion:178 Resp: 59
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

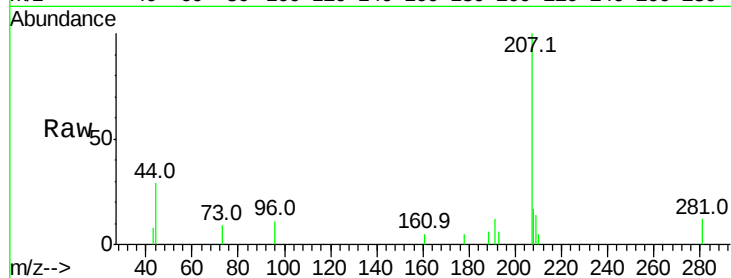




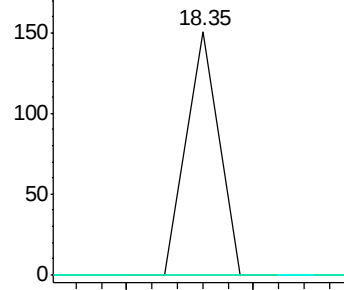
#71
 Anthracene
 Concen: 0.002 ng
 RT: 18.35 min Scan# 2564
 Delta R.T. 0.01 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

Instrument :
 BNA_G
 ClientSampleId :

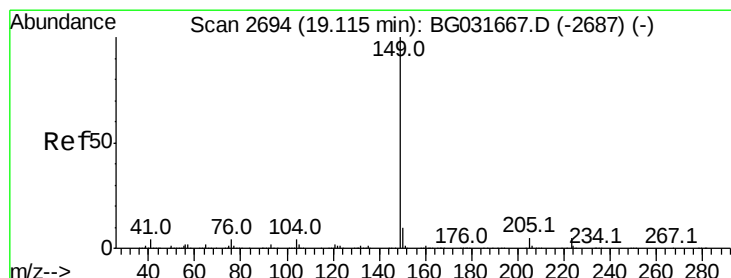
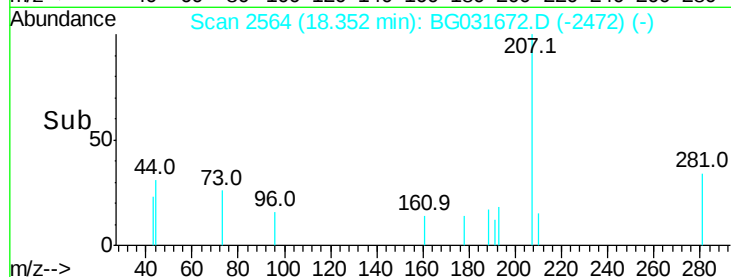
Tot Ion:178 Resp: 53
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



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

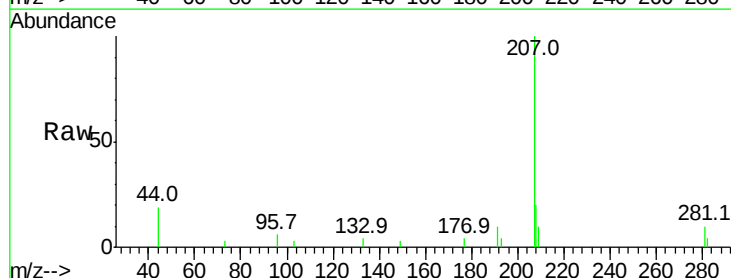


Time-->

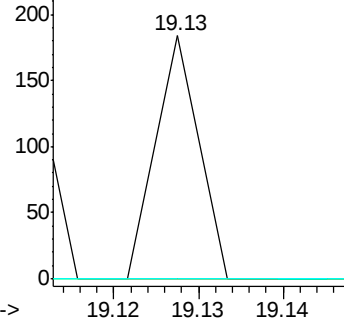


#73
 Di-n-butylphthalate
 Concen: 0.003 ng
 RT: 19.13 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

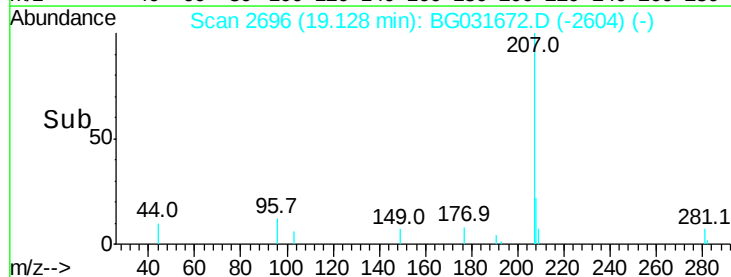
Tgt Ion:149 Resp: 65
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.9 5.9#

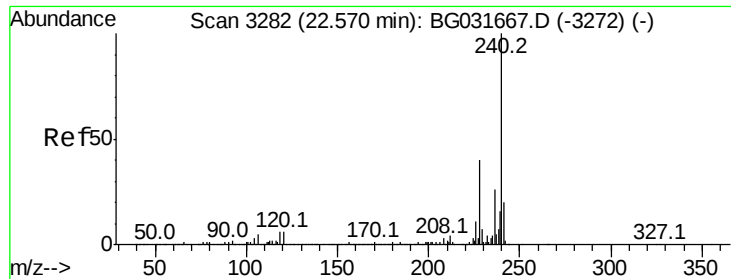


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.58 min Scan# 3283

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

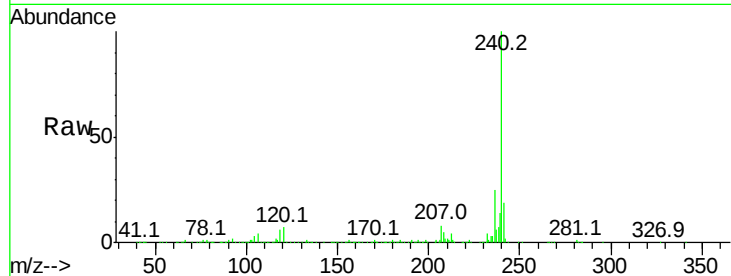
Tot Ion:240 Resp: 560841

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

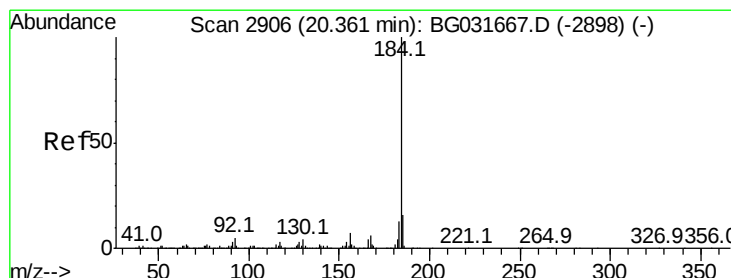
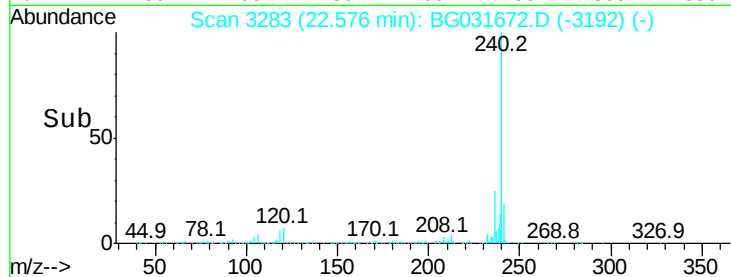
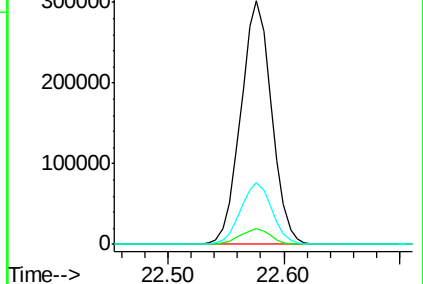
236 25.2 20.9 31.3



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: 0.055 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

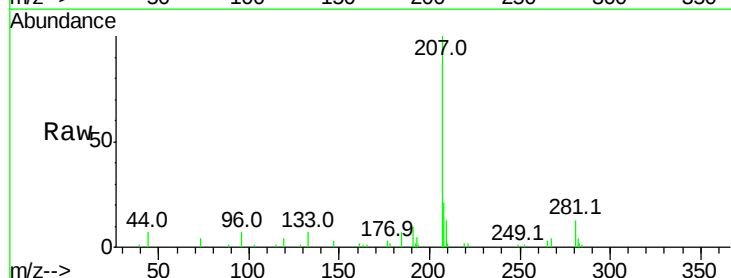
Tgt Ion:184 Resp: 945

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

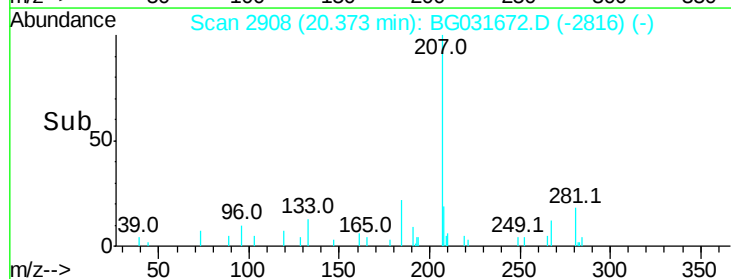
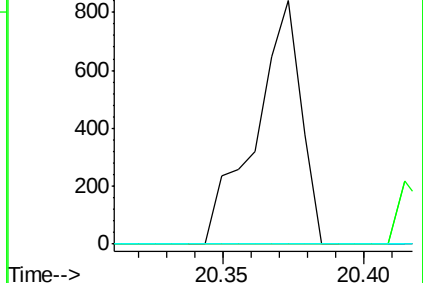
183 0.0 10.6 16.0#

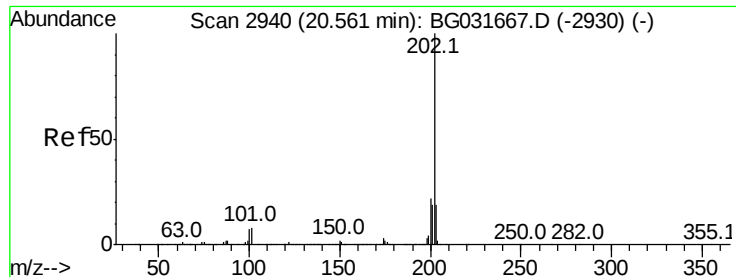


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.215 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.19 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

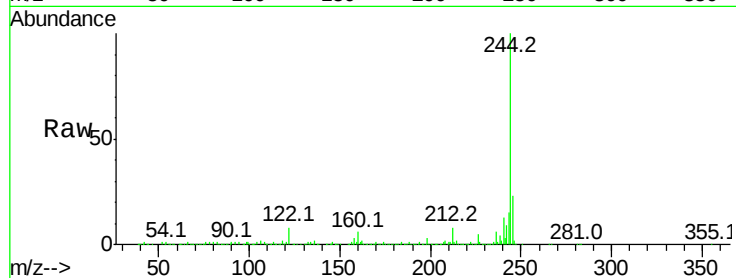
Tot Ion:202 Resp: 7717

Ion Ratio Lower Upper

202 100

200 42.1 16.9 25.3#

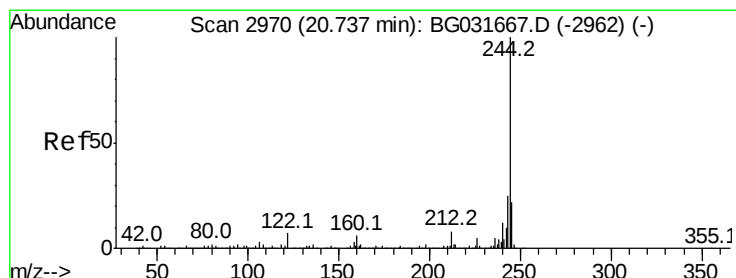
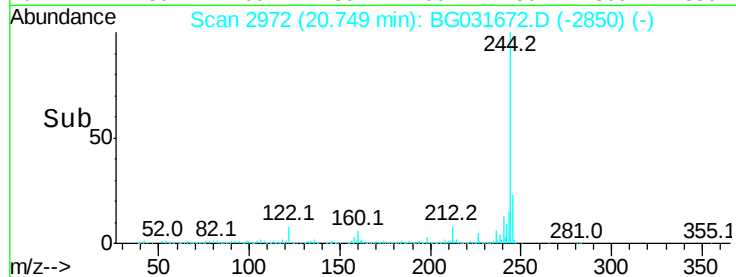
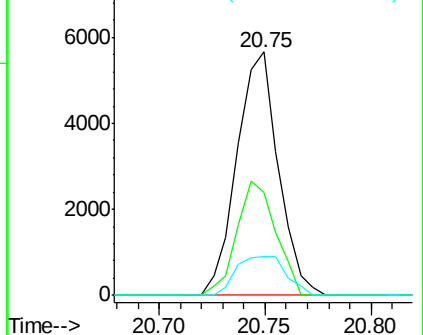
203 15.9 13.9 20.9



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: 85.118 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

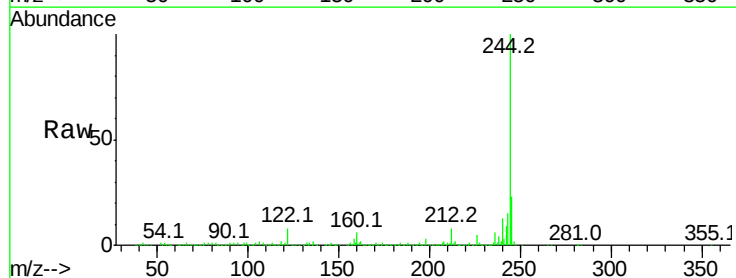
Tgt Ion:244 Resp: 2089508

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

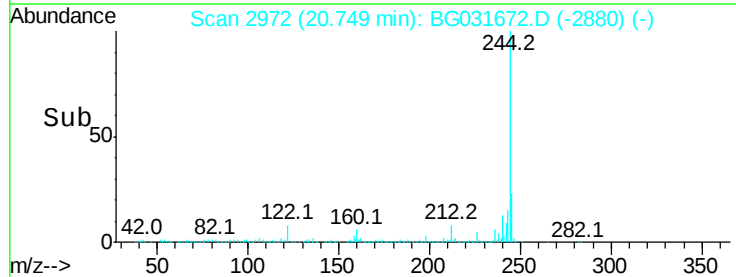
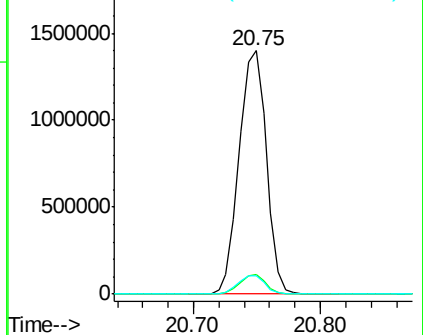
122 7.6 7.0 10.4

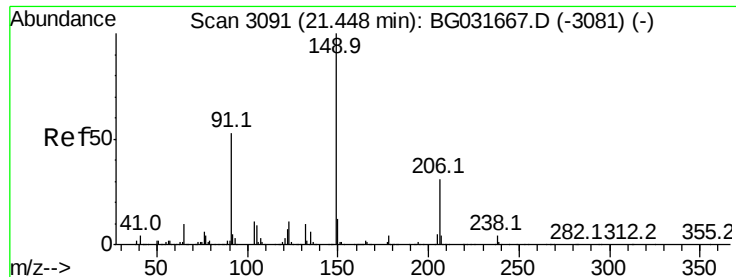


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

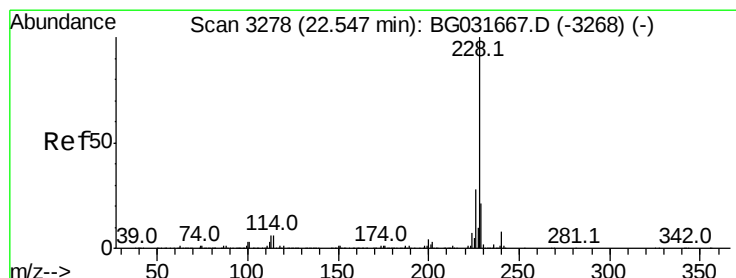
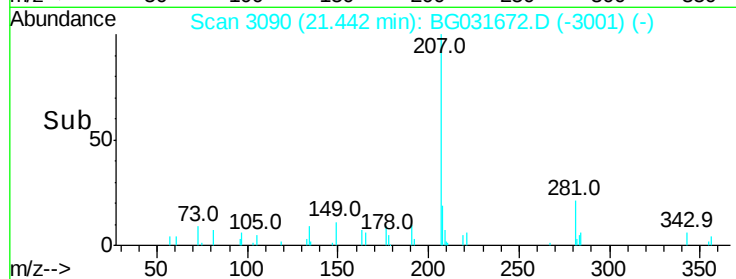
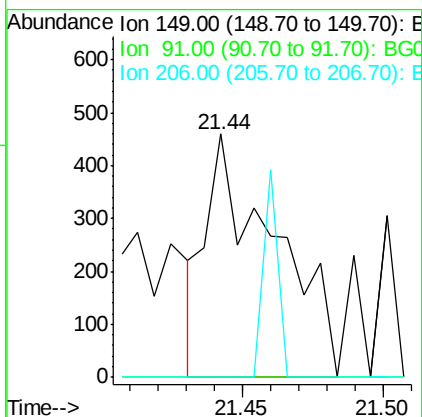
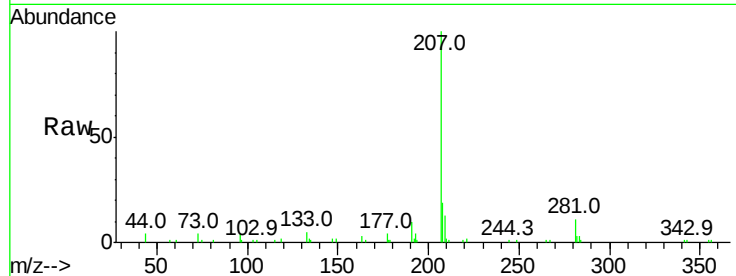




#79
 Butylbenzylphthalate
 Concen: 0.064 ng
 RT: 21.44 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

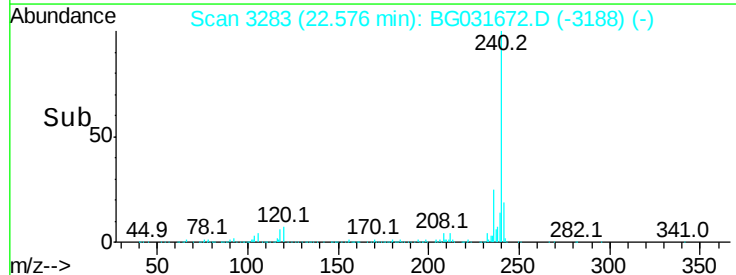
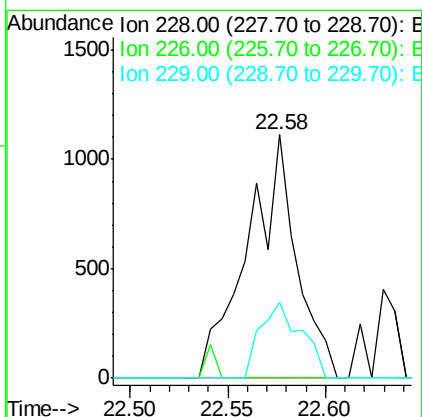
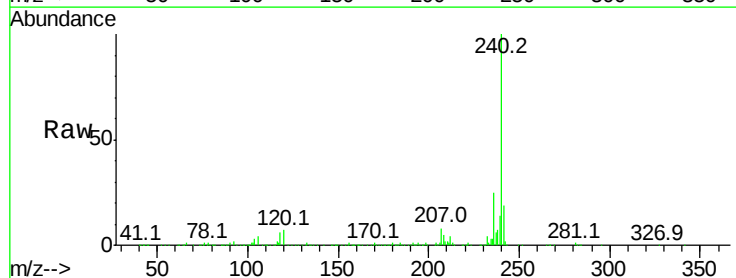
Instrument :
 BNA_G
 ClientSampled :

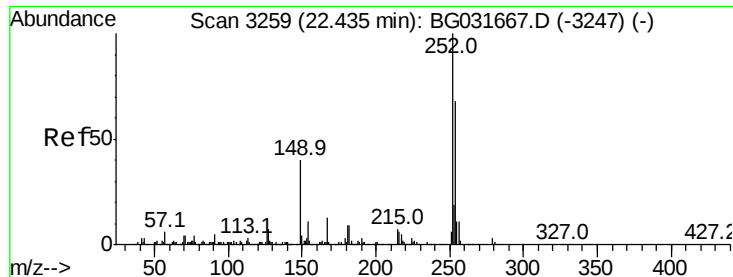
Tot Ion:149 Resp: 768
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.2 93.2#
 206 0.0 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 0.054 ng
 RT: 22.58 min Scan# 3283
 Delta R.T. 0.03 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

Tgt Ion:228 Resp: 1928
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.7 34.1#
 229 31.1 16.2 24.2#

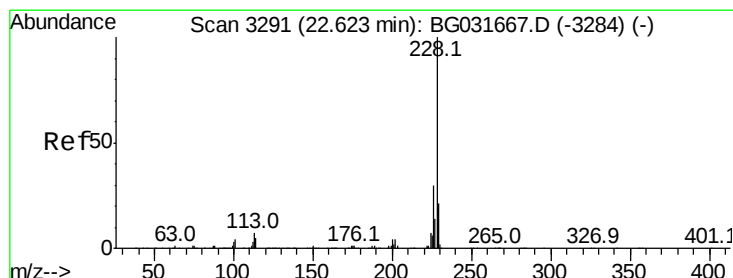
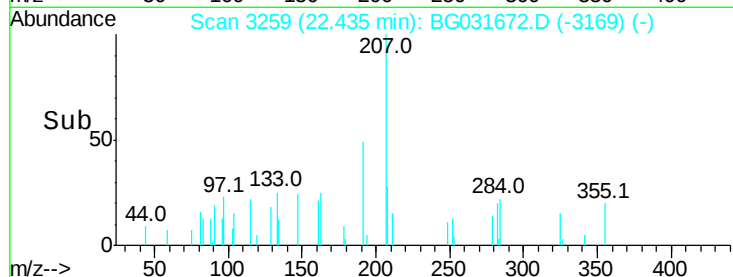
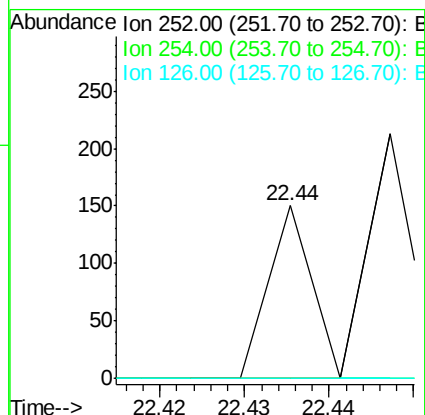
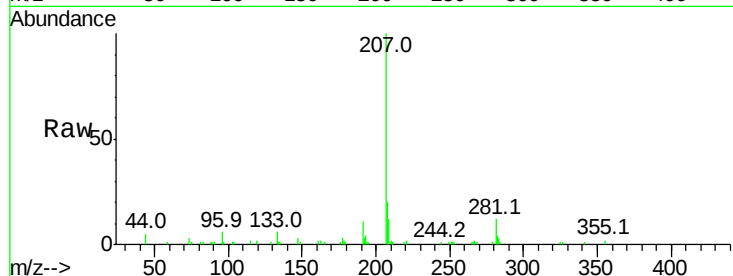




#81
 3,3'-Dichlorobenzidine
 Concen: 0.004 ng
 RT: 22.44 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

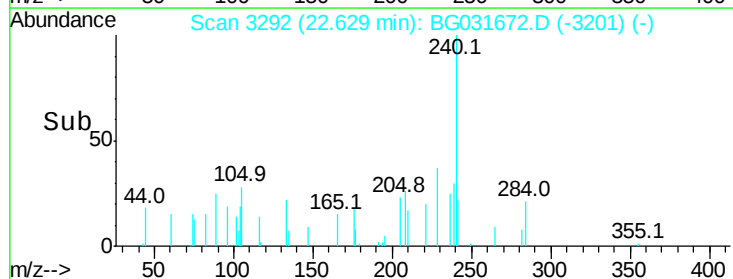
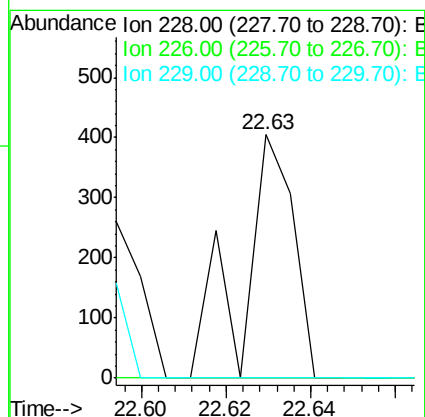
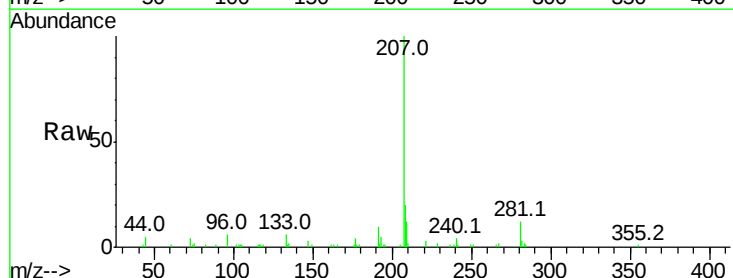
Instrument :
 BNA_G
 ClientSampled :

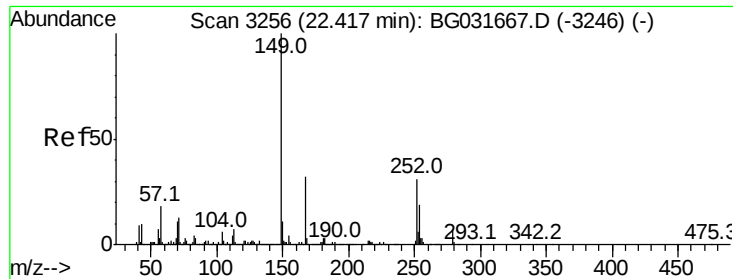
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



#82
 Chrysene
 Concen: 0.010 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. 0.01 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.038 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampleId :

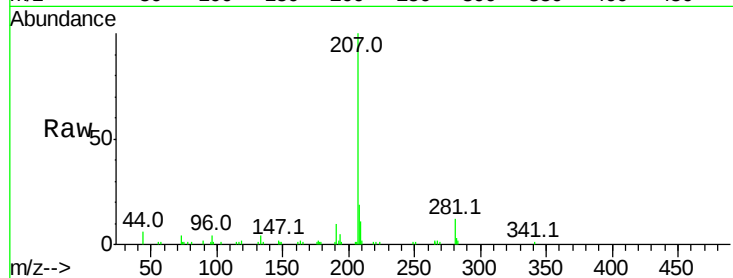
Tot Ion:149 Resp: 657

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

279 0.0 4.0 6.0#

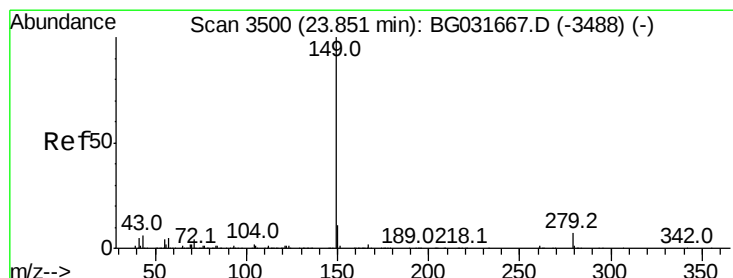
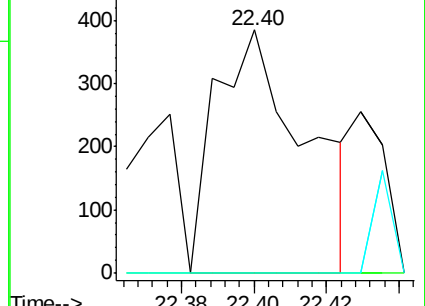
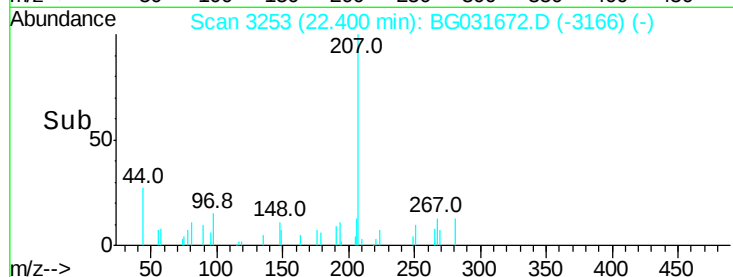


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#84

Di-n-octyl phthalate

Concen: 0.009 ng

RT: 23.86 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

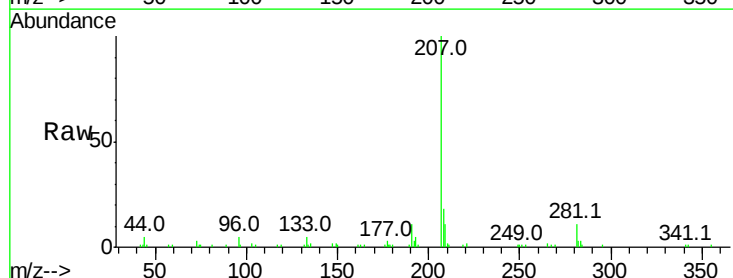
Tgt Ion:149 Resp: 261

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 44.8 8.9 13.3#

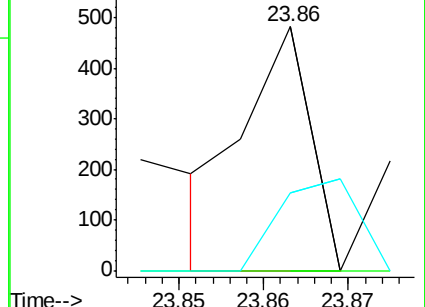
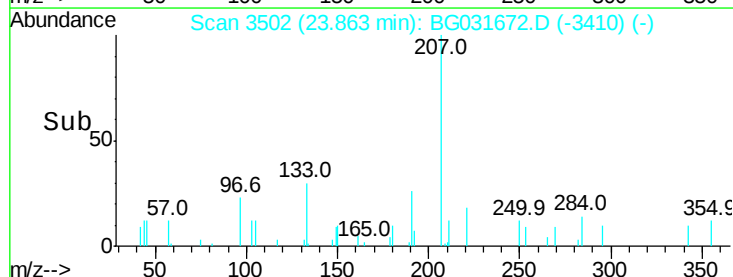


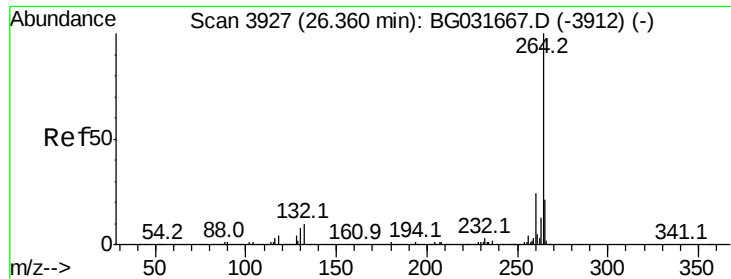
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

Time-->

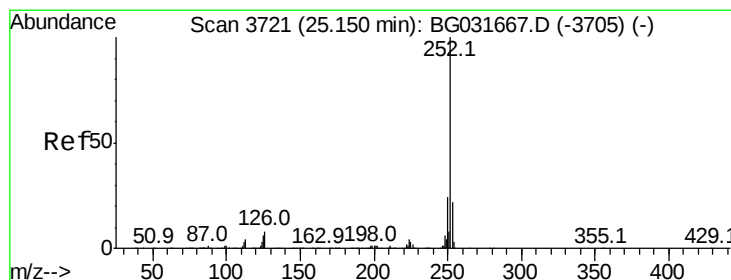
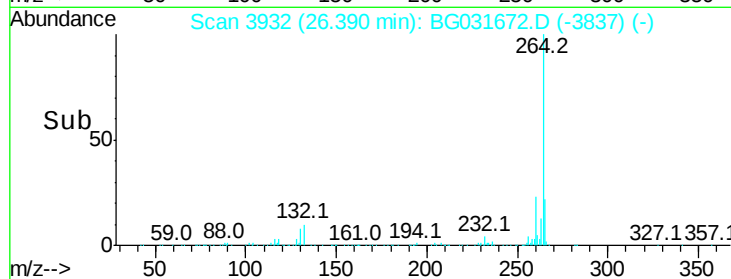
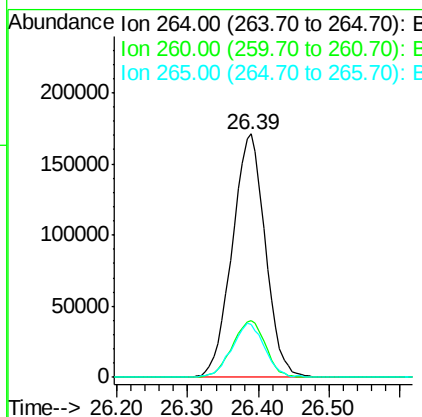
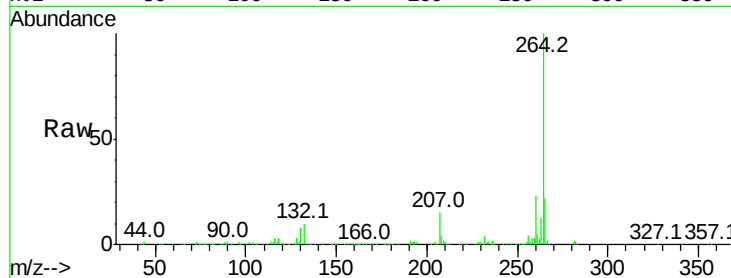




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. 0.03 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

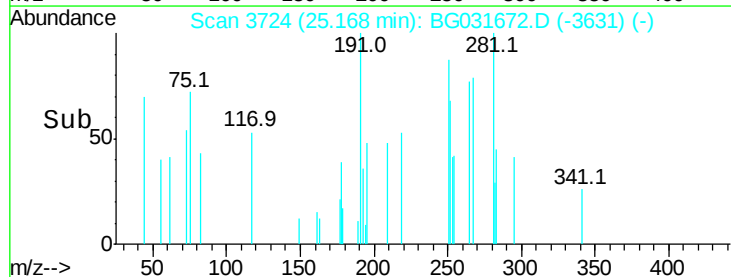
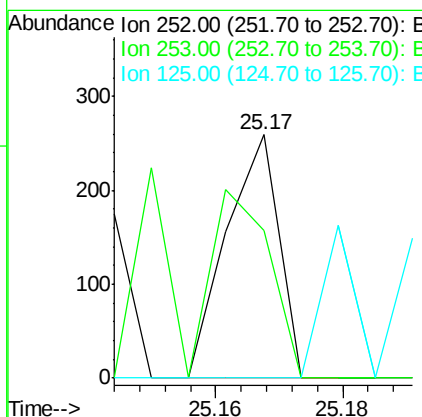
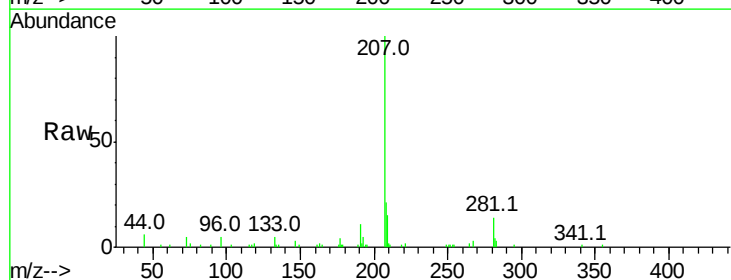
Instrument :
BNA_G
ClientSampleId :

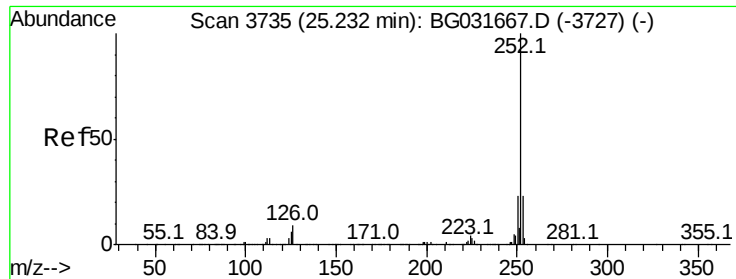
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.8	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 25.17 min Scan# 3724
Delta R.T. 0.02 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	60.6	18.2	27.4#
125	0.0	7.2	10.8#

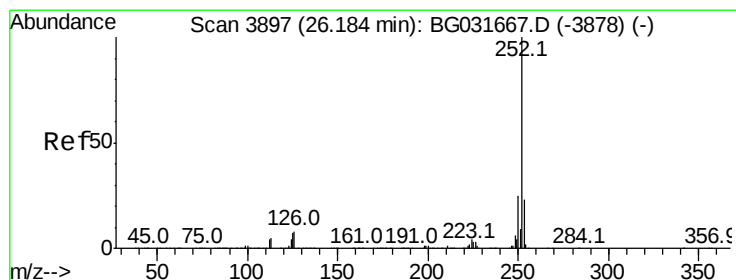
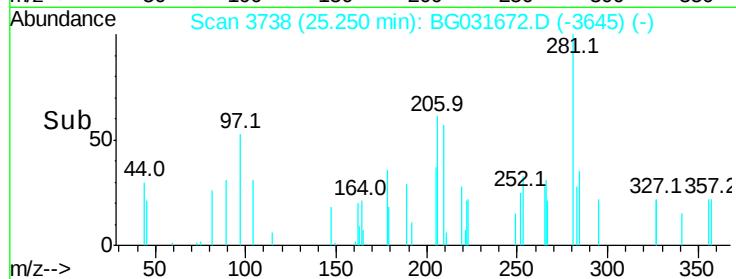
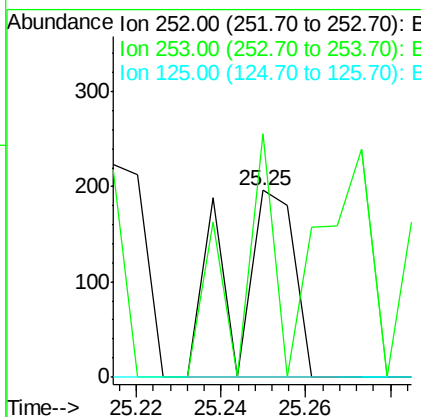
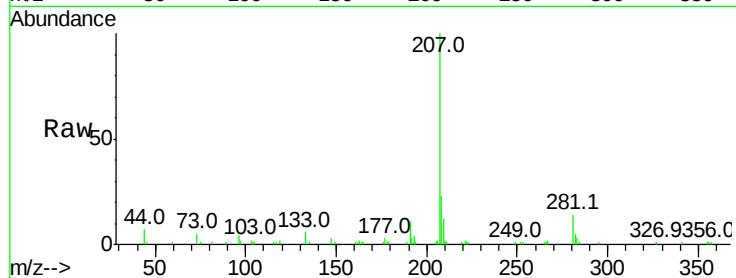




#88
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 25.25 min Scan# 3738
Delta R.T. 0.02 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 200
Ion Ratio Lower Upper
252 100
253 130.6 17.4 26.2#
125 0.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.008 ng
RT: 26.23 min Scan# 3904
Delta R.T. 0.04 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion:252 Resp: 260
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.3 10.9#

