

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032007.D
 Acq On : 12 Jan 2018 18:07
 Operator : SJ/JU
 Sample : PB105600BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 02:52:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	51477	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	199242	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	134152	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	354326	20.00	ng	0.00
75) Chrysene-d12	22.48	240	426605	20.00	ng	0.00
86) Perylene-d12	26.21	264	441354	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	294135	104.50	ng	0.00
7) Phenol-d6	7.87	99	361674	102.03	ng	0.00
23) Nitrobenzene-d5	9.97	82	200424	68.06	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	217921	98.17	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	717922	66.36	ng	0.00
78) Terphenyl-d14	20.67	244	1415271	73.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	56	0.052	ng	# 1
4) n-Nitrosodimethylamine	4.20	42	83	0.082	ng	# 1
6) Aniline	8.27	93	343	0.077	ng	# 1
9) Benzaldehyde	7.87	77	413	0.201	ng	# 5
10) Phenol	8.29	94	538	0.154	ng	# 1
11) bis(2-Chloroethyl)ether	8.27	93	343	0.123	ng	# 1
15) Benzyl Alcohol	9.11	79	3980	1.546	ng	# 36
19) n-Nitroso-di-n-propylamine	9.97	70	26221	11.922	ng	# 70
24) Nitrobenzene	9.97	77	644	0.219	ng	# 32
25) Isophorone	10.06	82	287	0.052	ng	# 69
33) 4-Chloroaniline	11.76	127	71	0.017	ng	# 46
45) 1,1'-Biphenyl	14.24	154	1231	0.107	ng	# 65
47) 2-Nitroaniline	14.03	65	763	0.445	ng	# 7
48) Acenaphthylene	15.11	152	68	0.005	ng	# 59
50) 2,6-Dinitrotoluene	15.41	165	16786	6.889	ng	# 18
51) Acenaphthene	15.44	154	63	0.007	ng	# 5
52) 3-Nitroaniline	15.49	138	57	0.026	ng	# 1
56) 2,4-Dinitrotoluene	15.41	165	16786	5.117	ng	# 16
57) Fluorene	16.88	166	7086	0.643	ng	# 73
59) Diethylphthalate	16.16	149	599	0.053	ng	# 58
61) 4-Nitroaniline	16.76	138	58	0.027	ng	# 12
62) Azobenzene	16.87	77	595	0.084	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.45	198	67	4.911	ng	# 29
65) n-Nitrosodiphenylamine	16.87	169	6554	0.610	ng	# 46
66) 4-Bromophenyl-phenylether	16.87	248	18178	3.606	ng	# 1
70) Phenanthrene	18.14	178	115	0.006	ng	# 1
71) Anthracene	18.14	178	115	0.006	ng	# 1
72) Carbazole	18.18	167	65	0.004	ng	# 1
73) Di-n-butylphthalate	18.74	149	63	0.003	ng	# 78
76) Benzidine	20.67	184	17001	1.594	ng	# 93
77) Pyrene	20.67	202	4802	0.179	ng	# 67
79) Butylbenzylphthalate	21.32	149	61	0.006	ng	# 20
80) Benzo(a)anthracene	22.49	228	1176	0.044	ng	# 50
81) 3,3'-Dichlorobenzidine	22.36	252	204	0.021	ng	# 26

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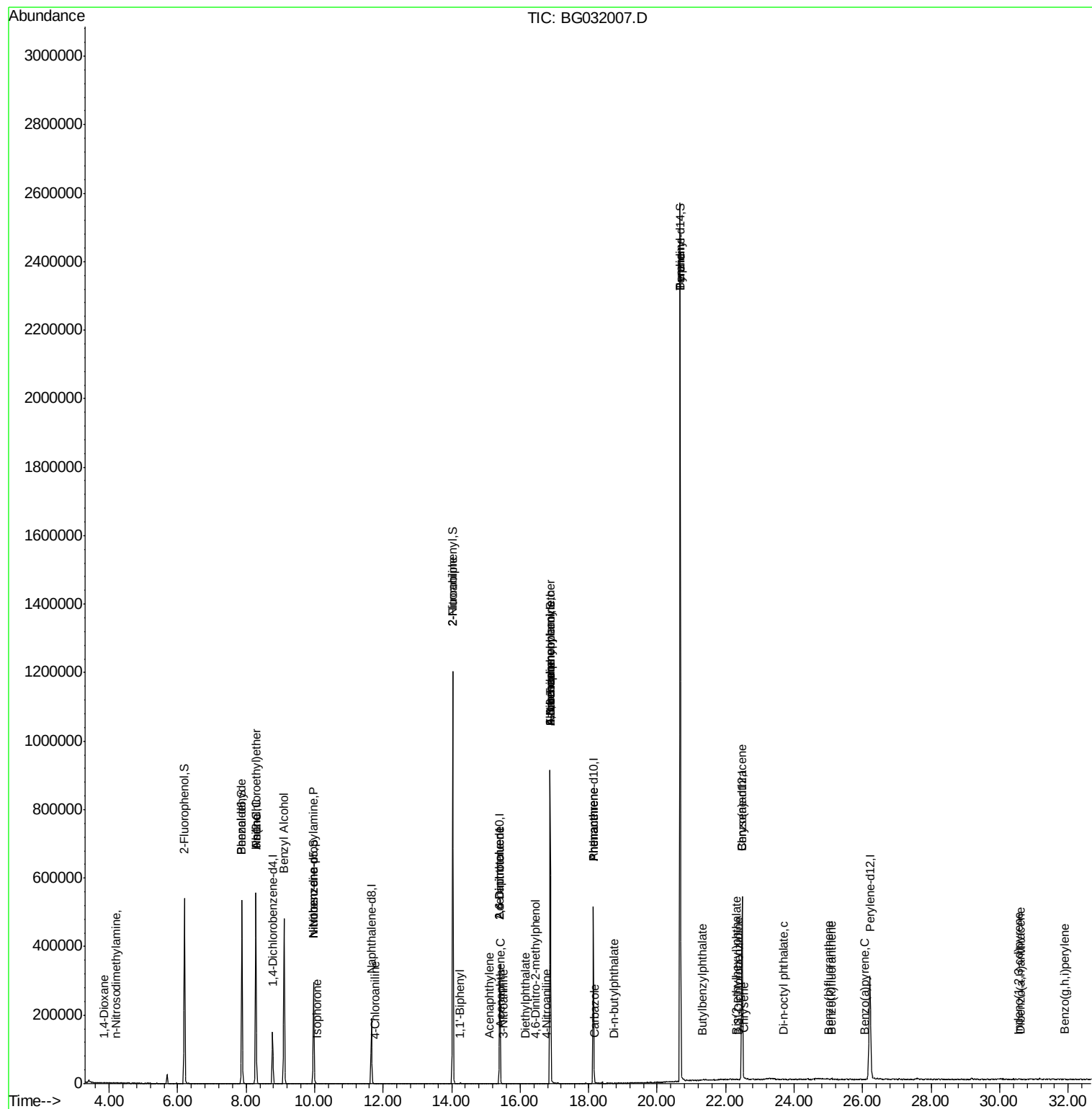
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	22.54	228	63	0.002	nq	# 49
83) Bis(2-ethylhexyl)phthalate	22.31	149	246	0.017	nq	# 50
84) Di-n-octyl phthalate	23.69	149	192	0.009	nq	# 21
85) Indeno(1,2,3-cd)pyrene	30.56	276	561	0.018	nq	# 65
87) Benzo(b)fluoranthene	25.00	252	736	0.028	nq	# 77
88) Benzo(k)fluoranthene	25.08	252	1190	0.046	nq	# 92
89) Benzo(a)pyrene	26.05	252	425	0.017	nq	# 59
90) Dibenzo(a,h)anthracene	30.62	278	915	0.038	nq	# 58
91) Benzo(g,h,i)perylene	31.89	276	422	0.017	nq	# 56

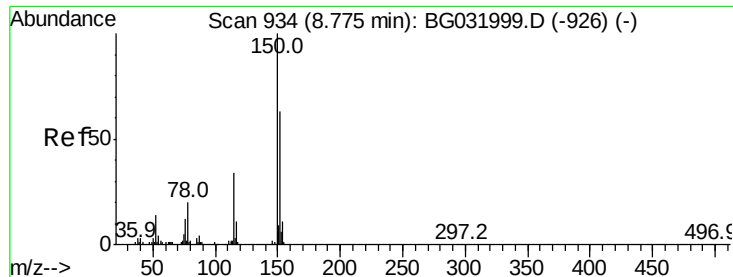
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

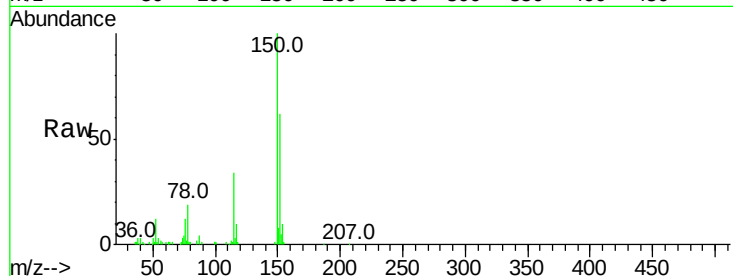
Tot Ion:152 Resp: 51477

Ion Ratio Lower Upper

152 100

150 161.4 126.6 189.8

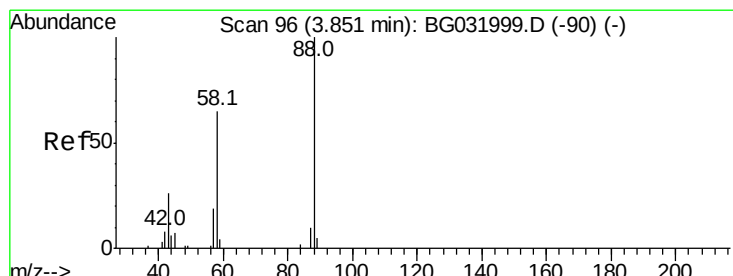
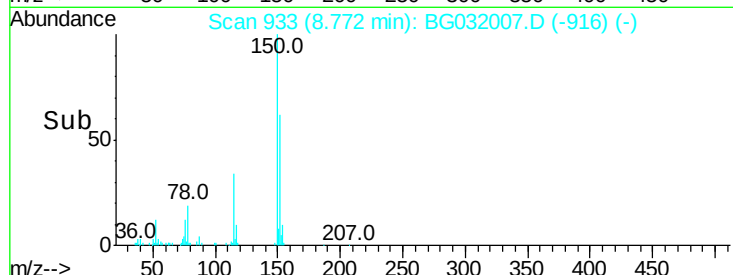
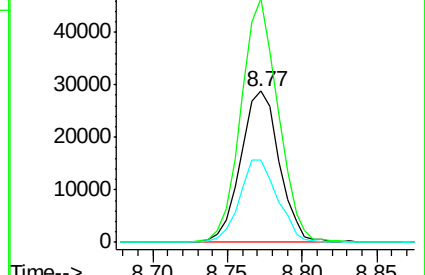
115 55.0 53.0 79.4



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: 0.052 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

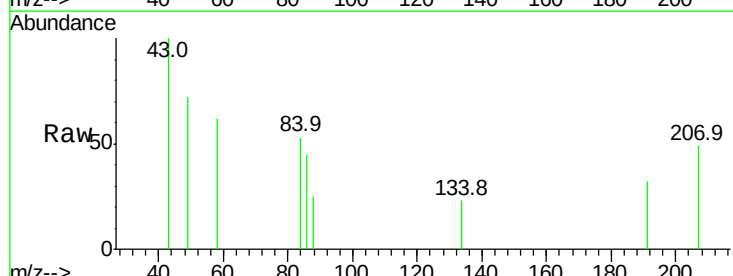
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

58 796.4 79.6 119.4#

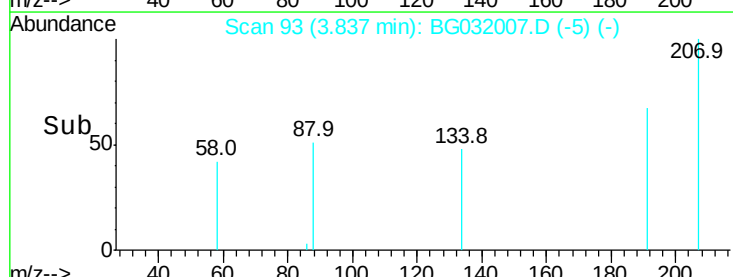
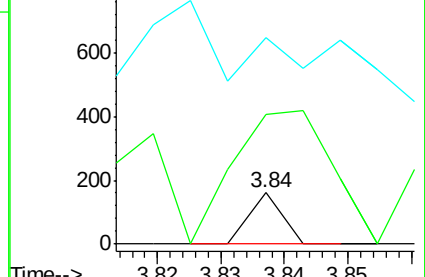
43 0.0 27.4 41.0#

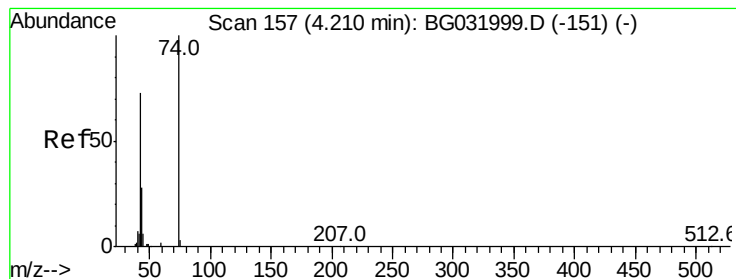


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



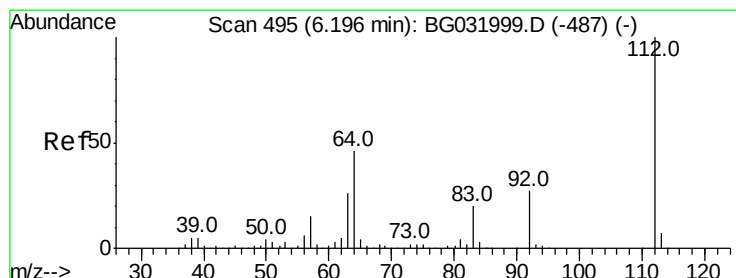
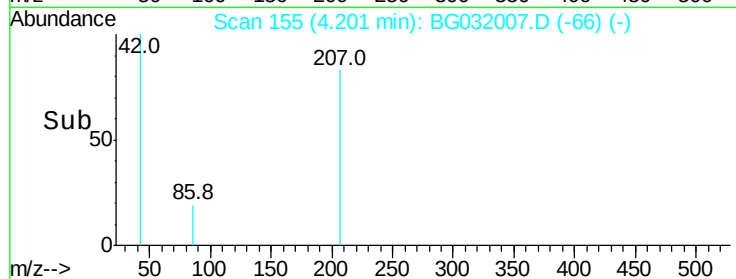
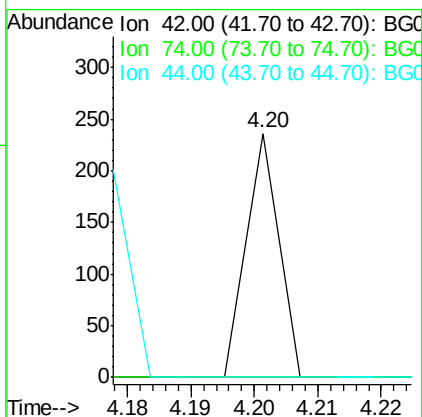
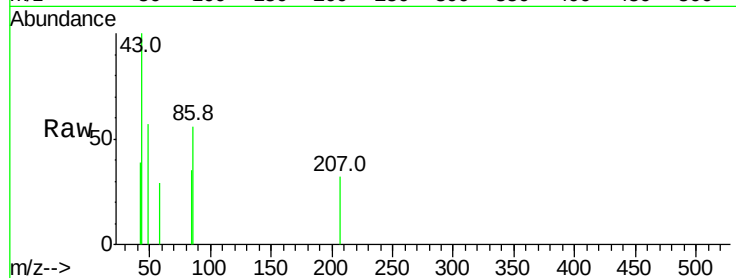


#4

n-Nitrosodimethylamine
 Concen: 0.082 ng
 RT: 4.20 min Scan# 155
 Delta R.T. -0.01 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :

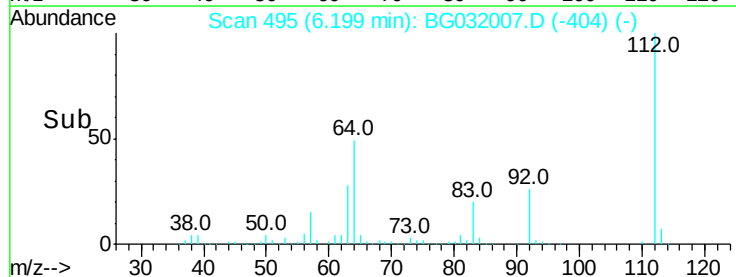
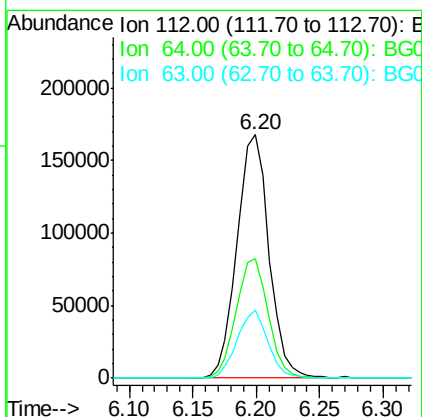
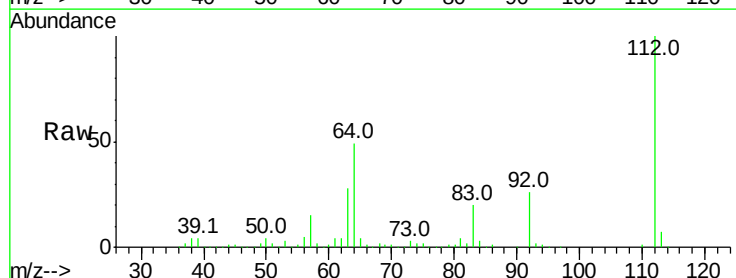
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#

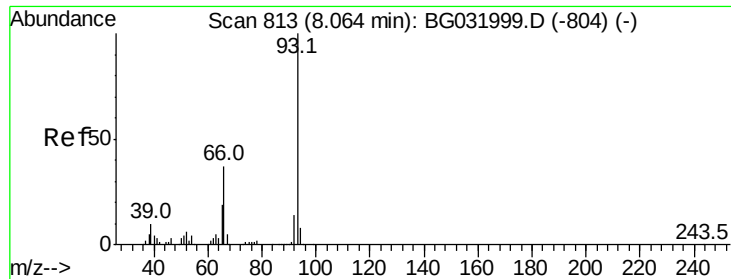


#5

2-Fluorophenol
 Concen: 104.504 ng
 RT: 6.20 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	28.1	30.1	45.1#





#6

Aniline

Concen: 0.077 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.21 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampled :

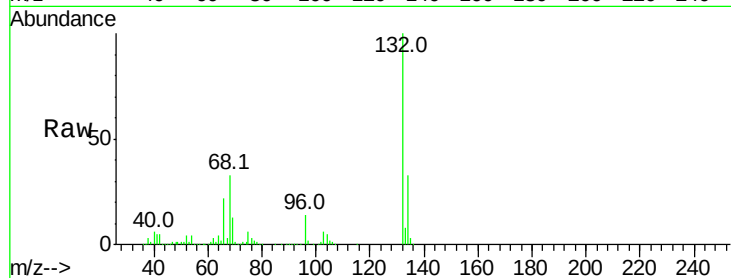
Tot Ion: 93 Resp: 343

Ion Ratio Lower Upper

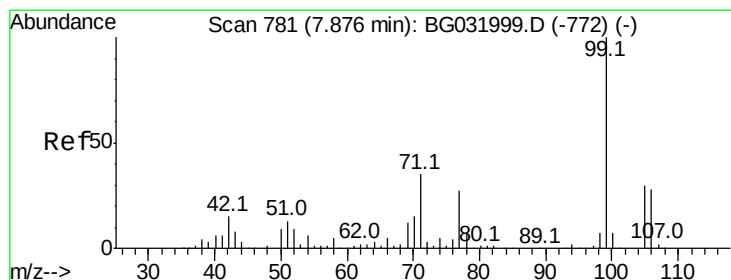
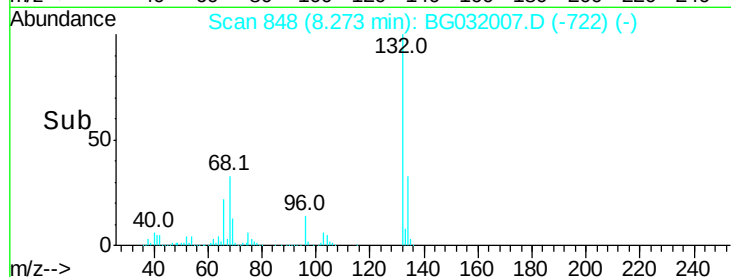
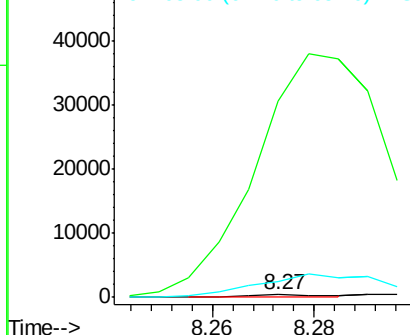
93 100

66 8350.7 33.7 50.5#

65 662.7 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: 102.029 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

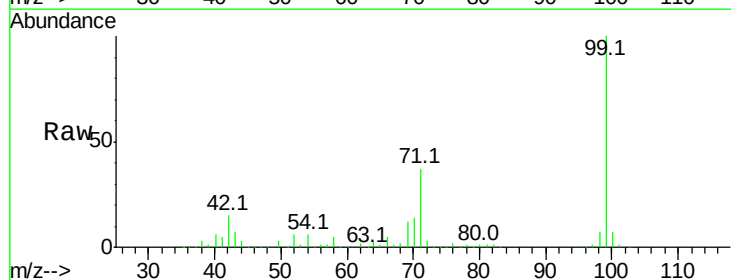
Tgt Ion: 99 Resp: 361674

Ion Ratio Lower Upper

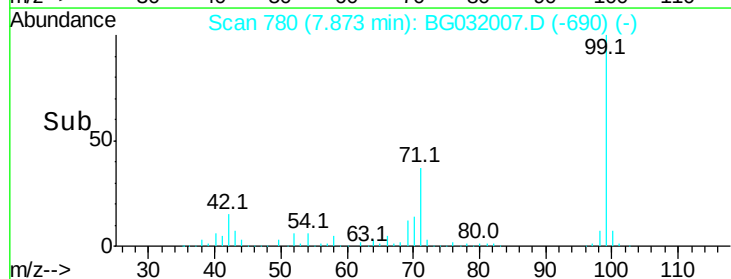
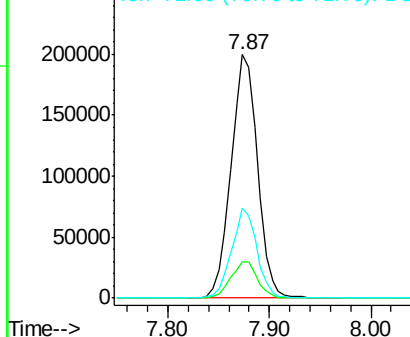
99 100

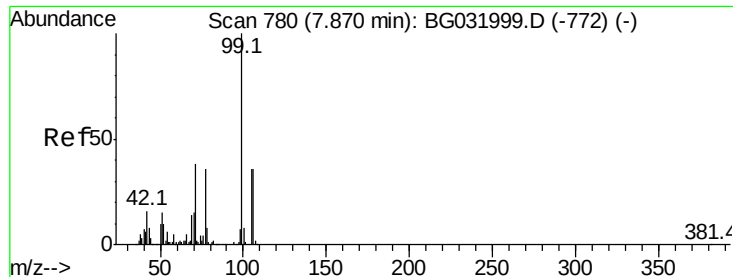
42 14.7 14.1 21.1

71 36.8 26.1 39.1



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





#9

Benzaldehyde

Concen: 0.201 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

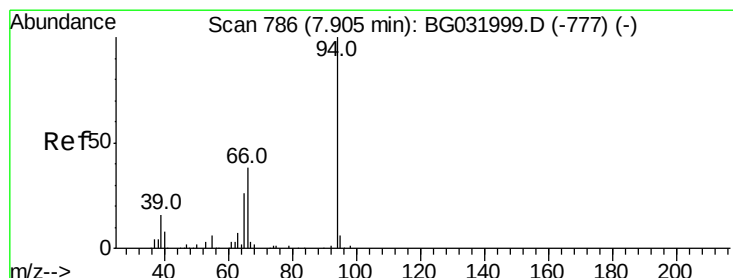
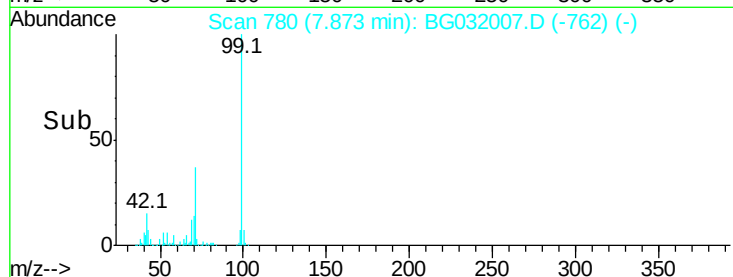
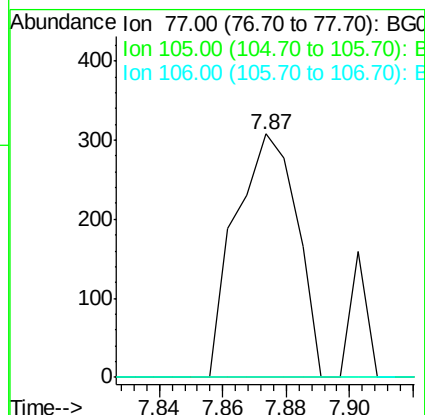
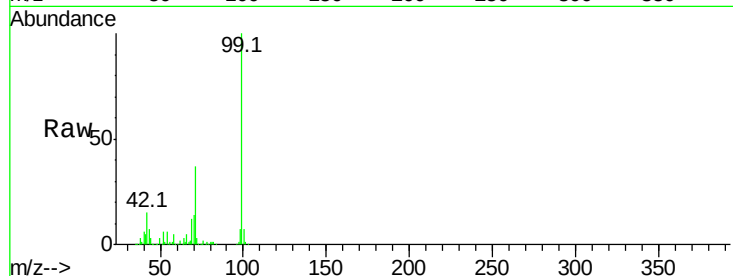
Tot Ion: 77 Resp: 413

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 0.154 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.39 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

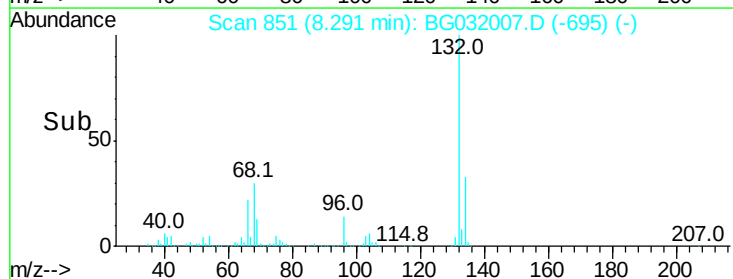
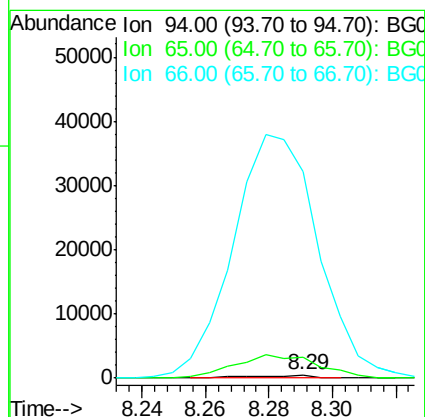
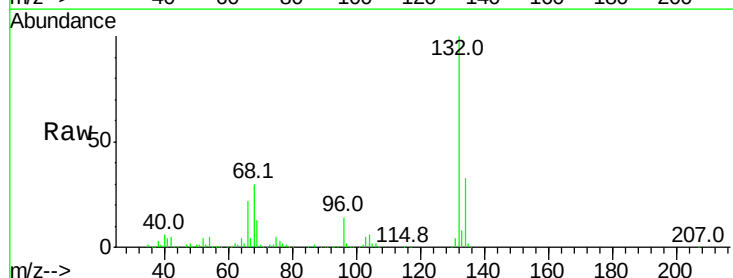
Tgt Ion: 94 Resp: 538

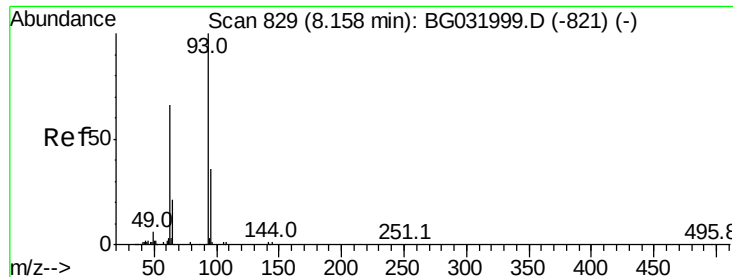
Ion Ratio Lower Upper

94 100

65 682.3 11.9 51.9#

66 6937.9 22.2 62.2#





#11

bis(2-Chloroethyl)ether

Concen: 0.123 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.11 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

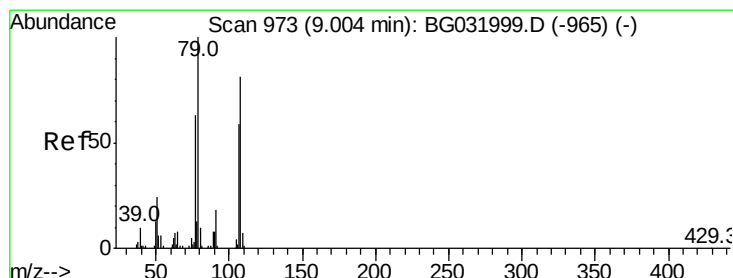
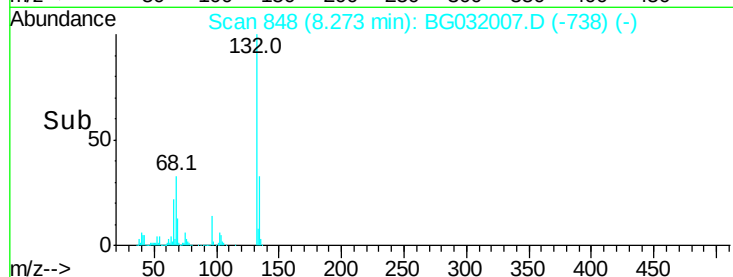
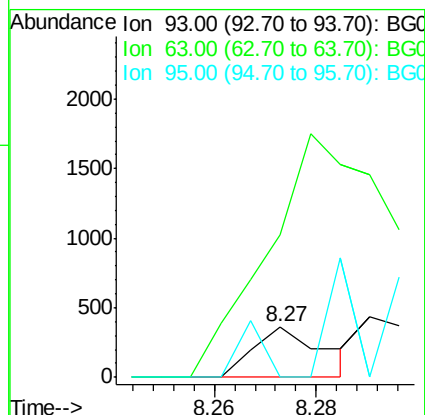
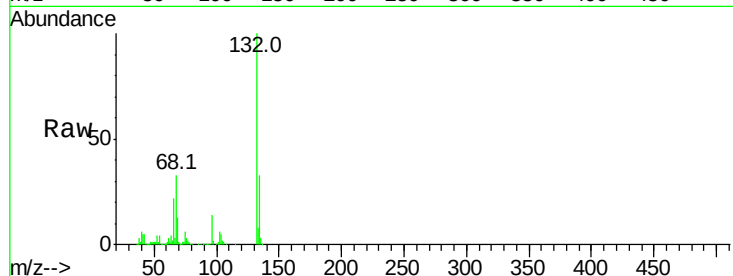
Tot Ion: 93 Resp: 343

Ion Ratio Lower Upper

93 100

63 280.0 67.1 107.1#

95 0.0 11.5 51.5#



#15

Benzyl Alcohol

Concen: 1.546 ng

RT: 9.11 min Scan# 990

Delta R.T. 0.10 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

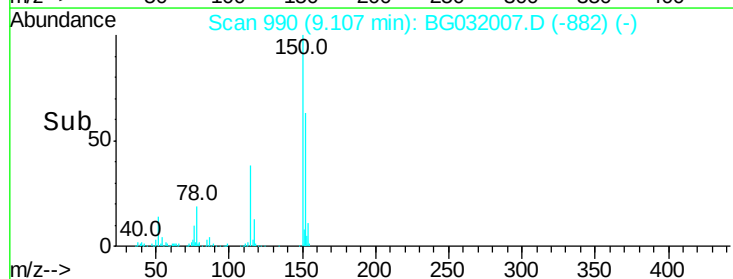
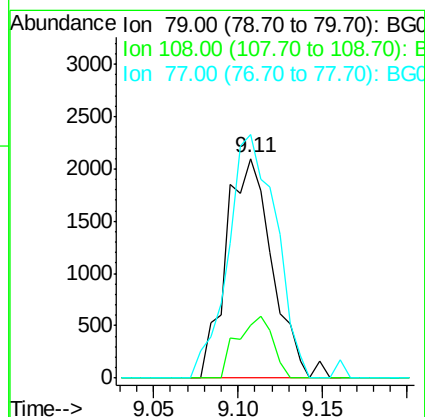
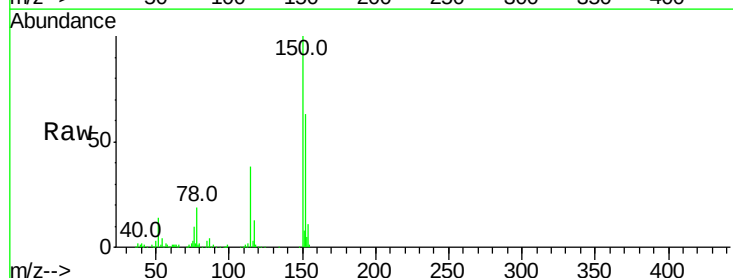
Tgt Ion: 79 Resp: 3980

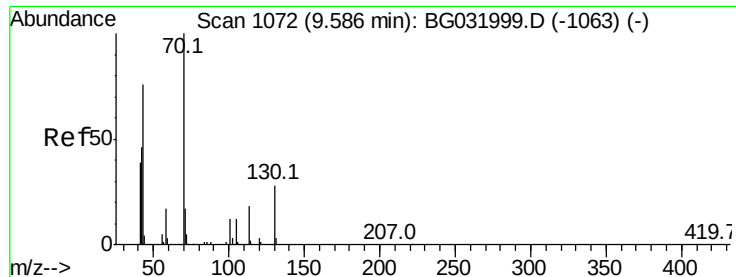
Ion Ratio Lower Upper

79 100

108 23.9 57.2 85.8#

77 110.8 46.1 69.1#

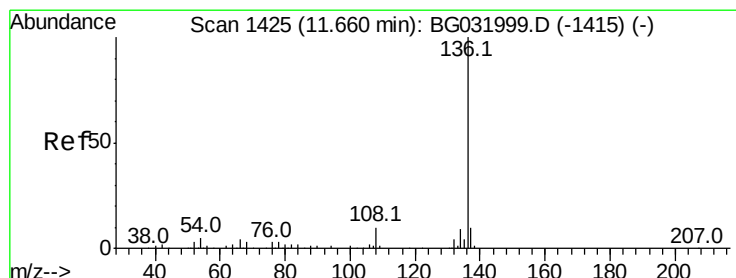
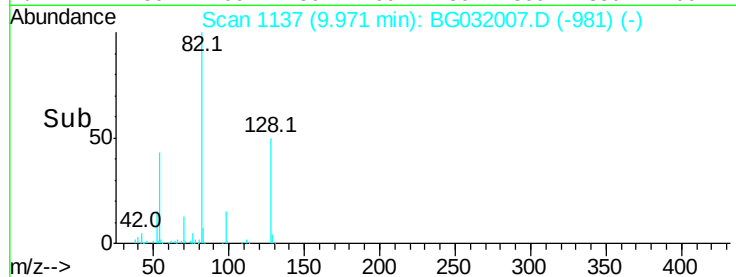
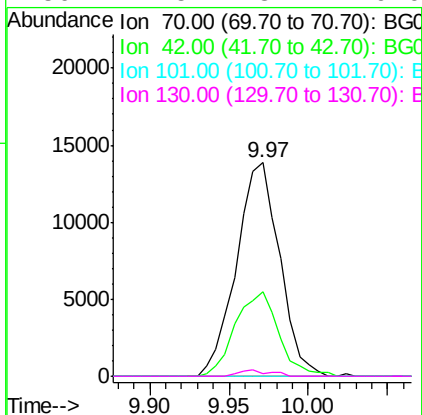
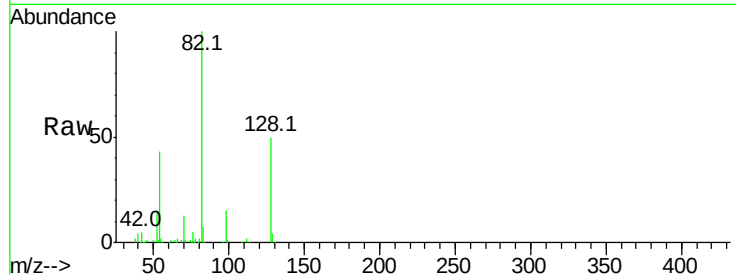




#19
n-Nitroso-di-n-propylamine
Concen: 11.922 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.39 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

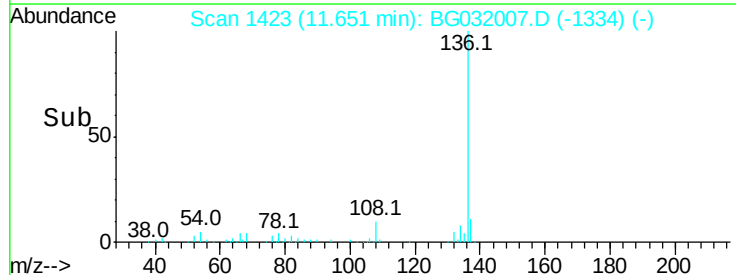
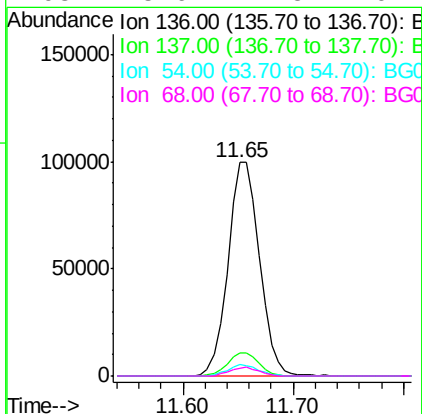
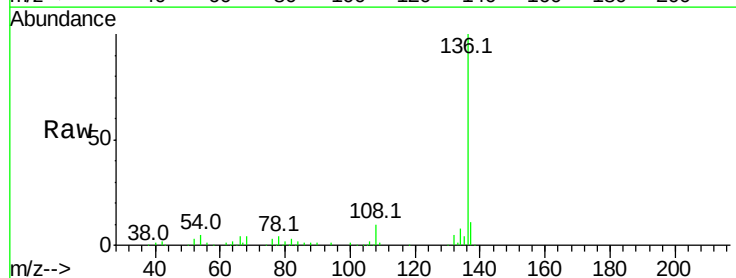
Instrument :
BNA_G
ClientSampleId :

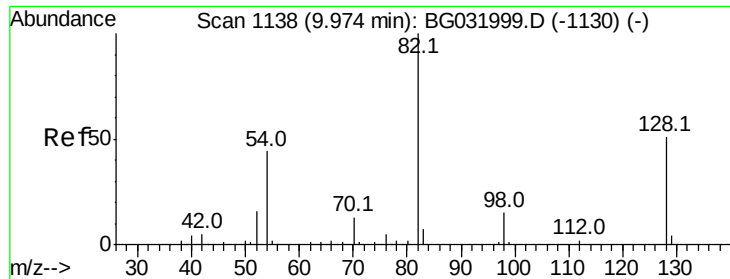
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.5	10.3	15.5#
68	3.6	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 68.056 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

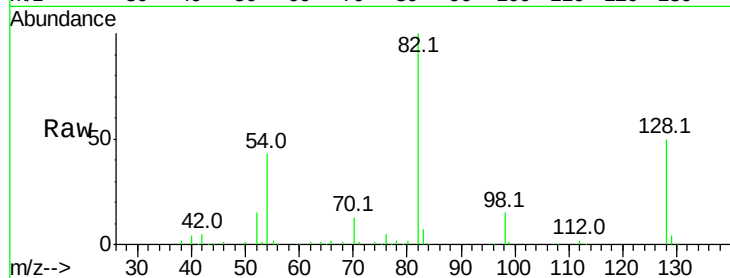
Tot Ion: 82 Resp: 200424

Ion Ratio Lower Upper

82 100

128 49.9 29.7 44.5#

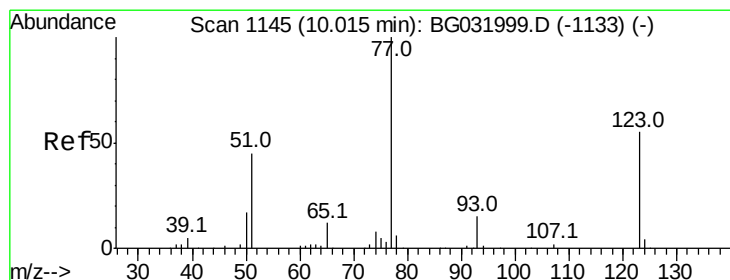
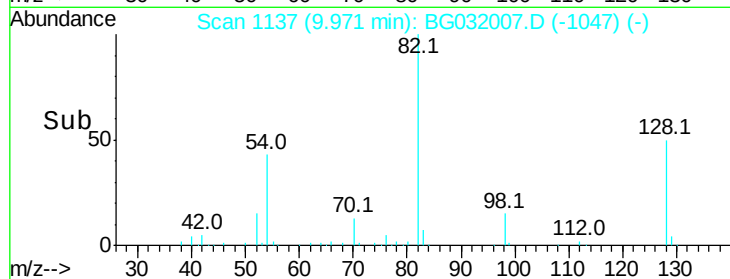
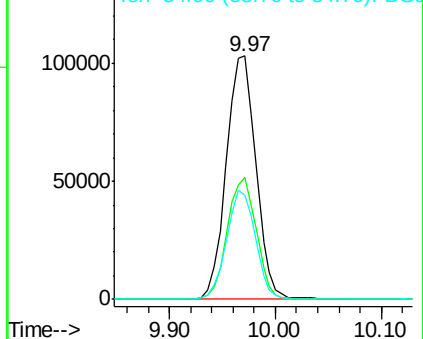
54 42.9 43.1 64.7#



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: 0.219 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.04 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

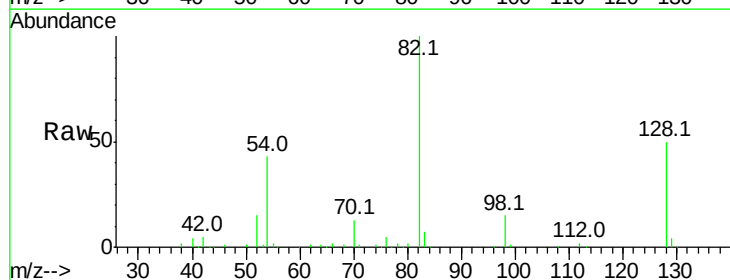
Tgt Ion: 77 Resp: 644

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

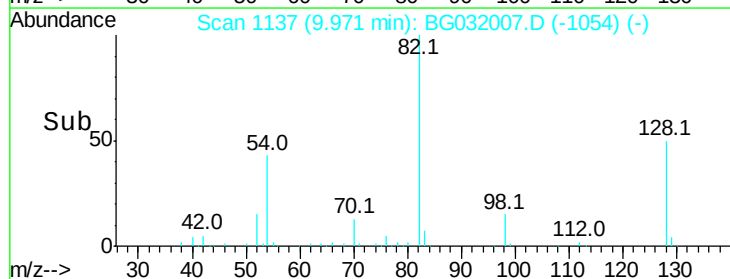
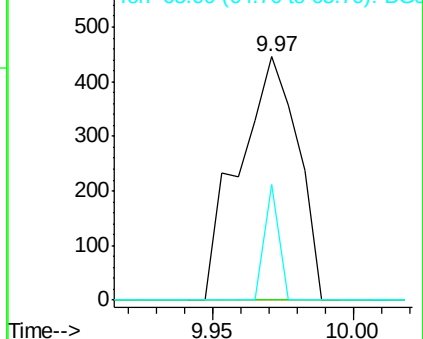
65 47.3 13.0 19.6#

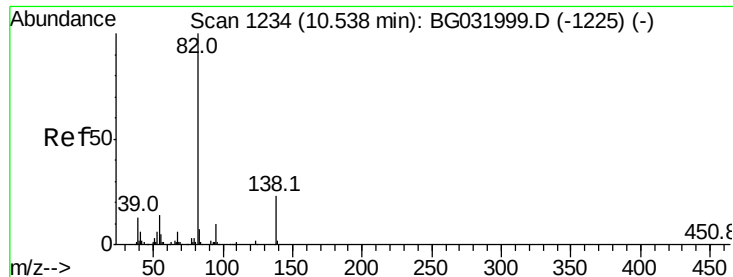


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.052 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.47 min

Lab File: BG032007.D

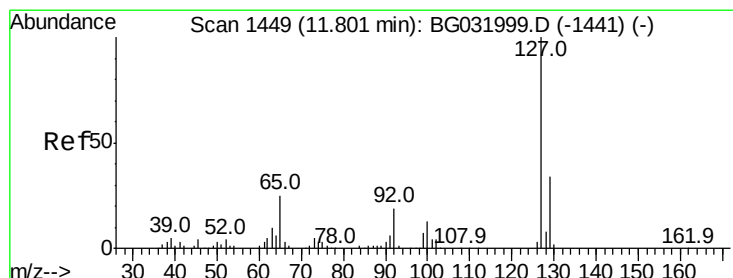
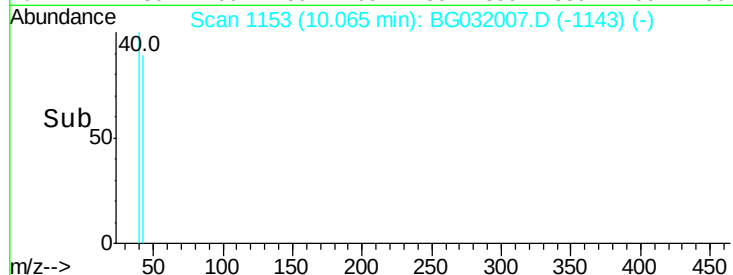
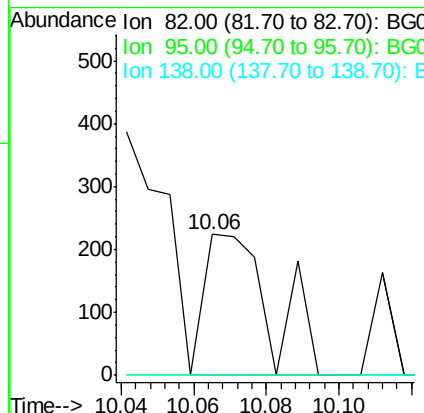
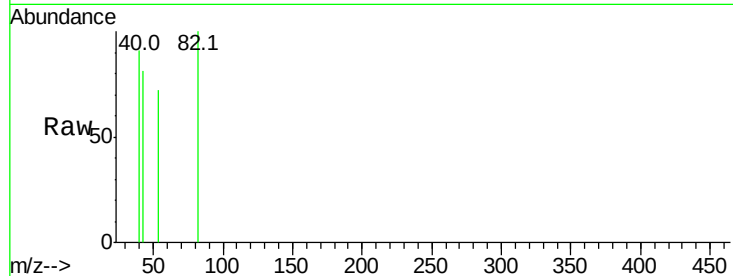
Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:	82	Resp:	287
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#



#33

4-Chloroaniline

Concen: 0.017 ng

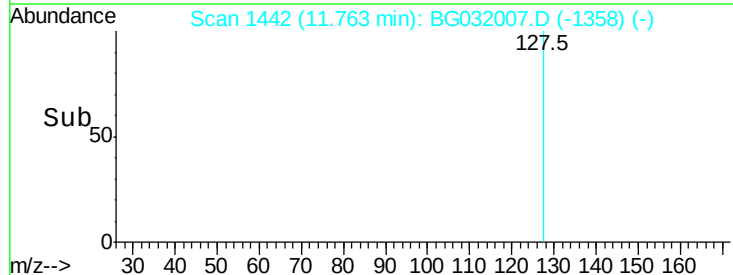
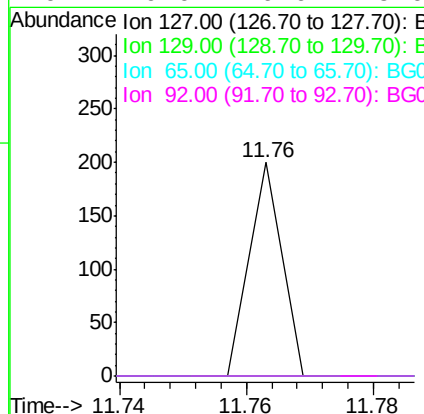
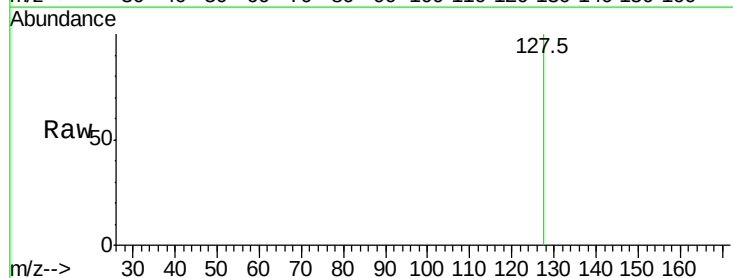
RT: 11.76 min Scan# 1442

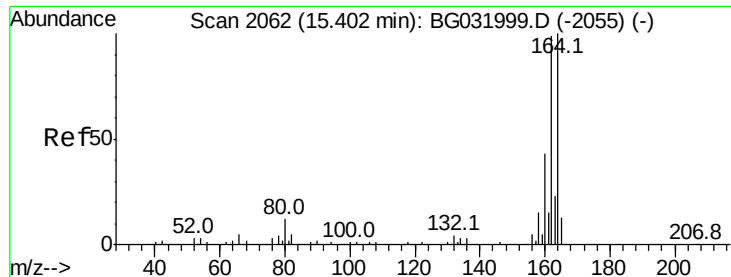
Delta R.T. -0.04 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Tgt Ion:	127	Resp:	71
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

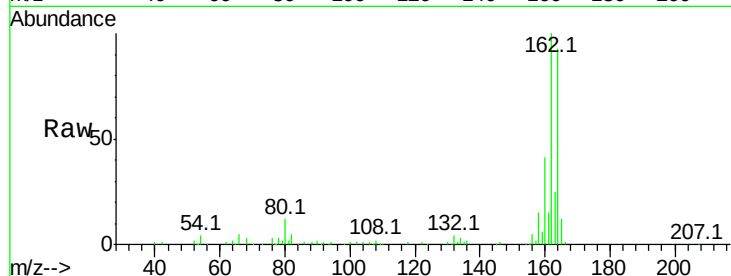




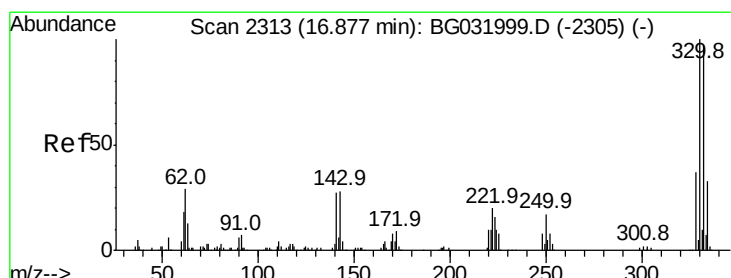
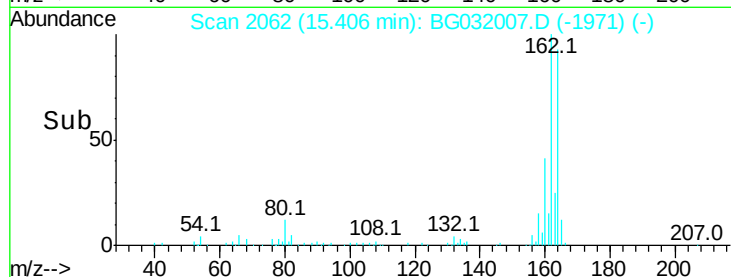
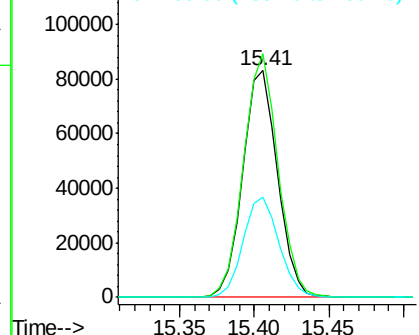
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 134152
Ion Ratio Lower Upper
164 100
162 107.3 78.8 118.2
160 44.0 35.4 53.0

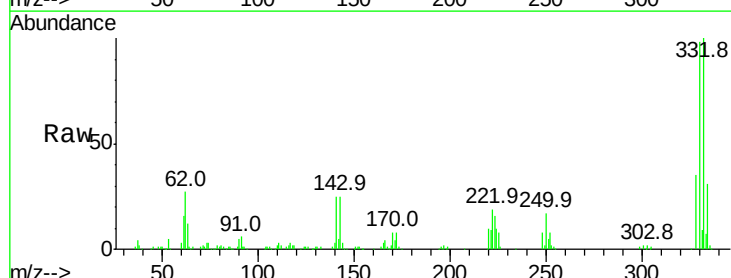


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

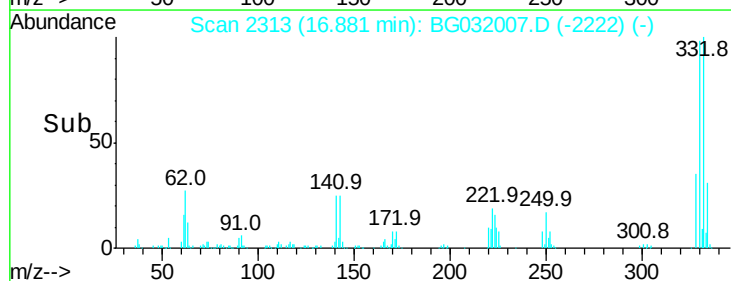
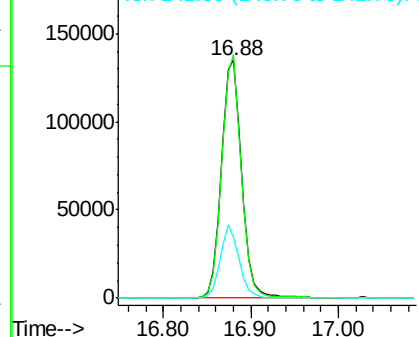


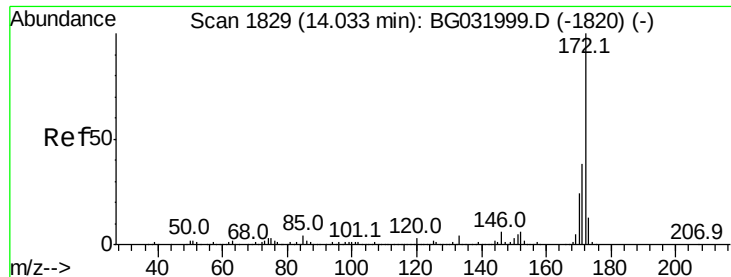
#41
2,4,6-Tribromophenol
Concen: 98.167 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion:330 Resp: 217921
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 28.2 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

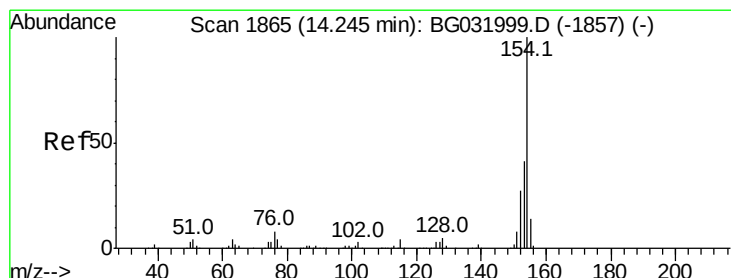
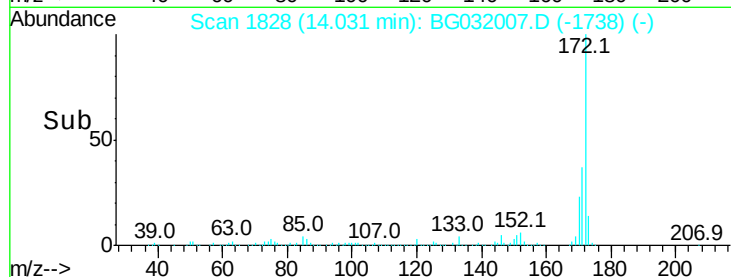
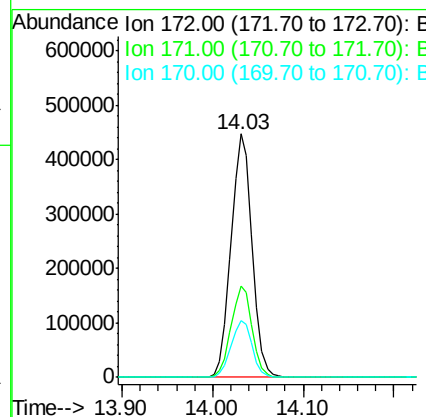
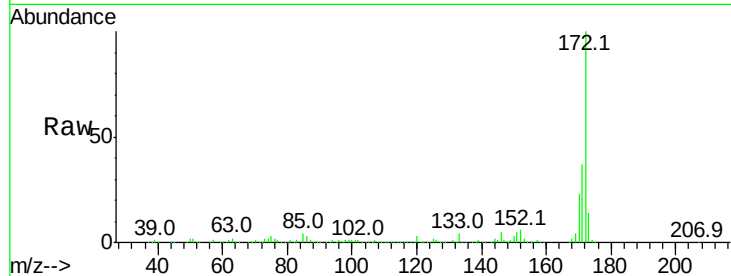




#44
 2-Fluorobiphenyl
 Concen: 66.357 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

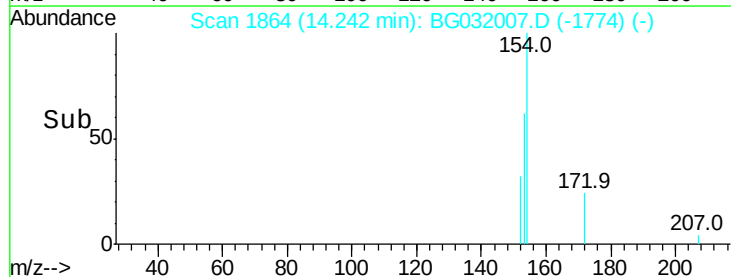
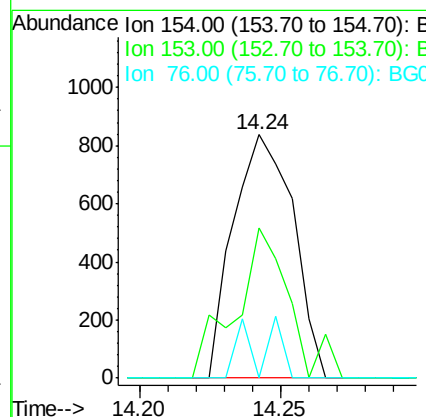
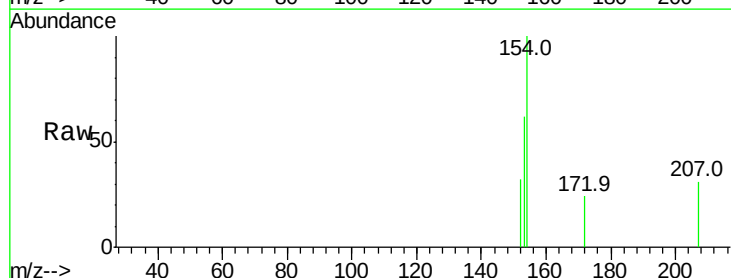
Instrument :
 BNA_G
 ClientSampleId :

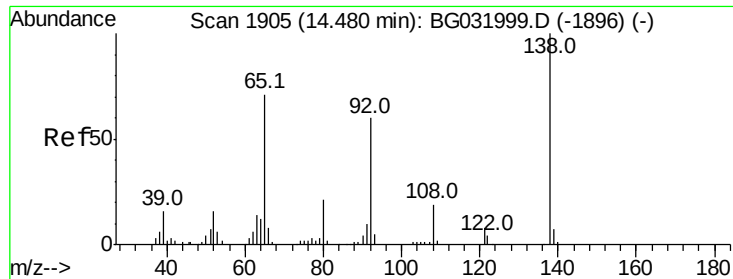
Tot Ion:172 Resp: 717922
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.4 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 0.107 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Tgt Ion:154 Resp: 1231
 Ion Ratio Lower Upper
 154 100
 153 61.9 19.8 59.8#
 76 0.0 0.0 31.9





#47

2-Nitroaniline

Concen: 0.445 ng

RT: 14.03 min Scan# 1827

Delta R.T. -0.45 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

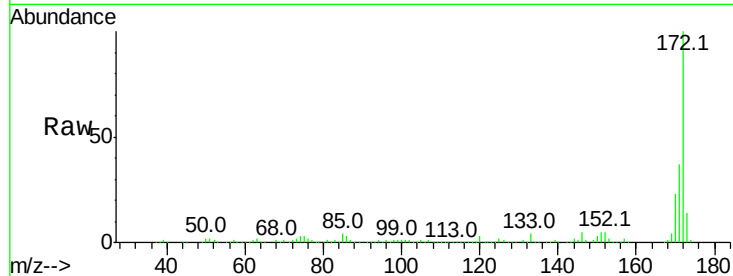
Tot Ion: 65 Resp: 763

Ion Ratio Lower Upper

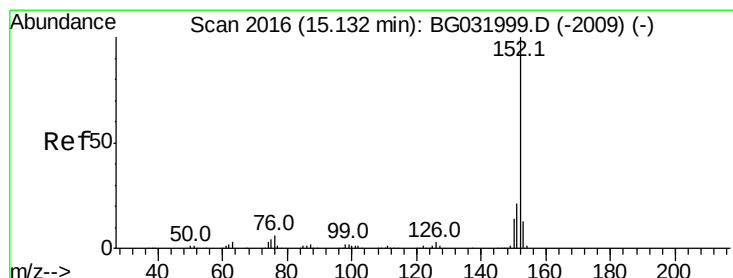
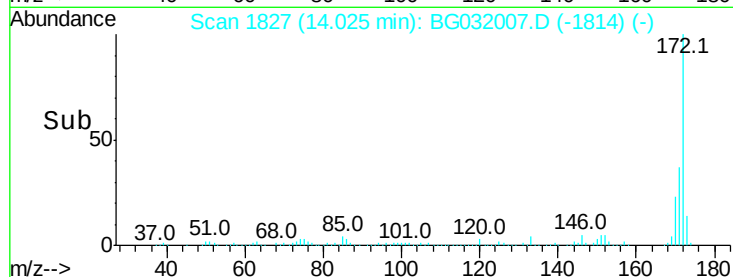
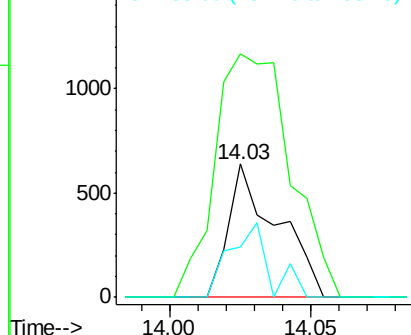
65 100

92 183.1 54.6 82.0#

138 37.6 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 0.005 ng

RT: 15.11 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

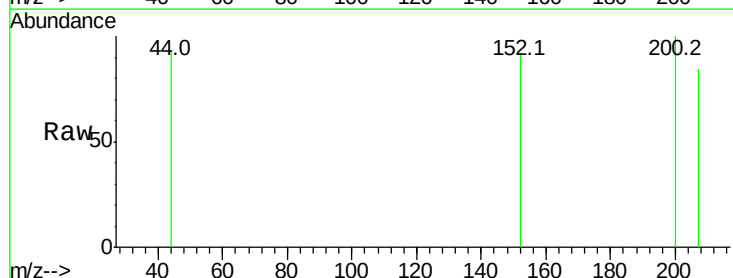
Tgt Ion: 152 Resp: 68

Ion Ratio Lower Upper

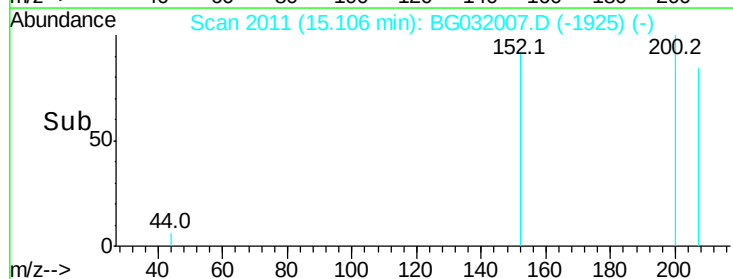
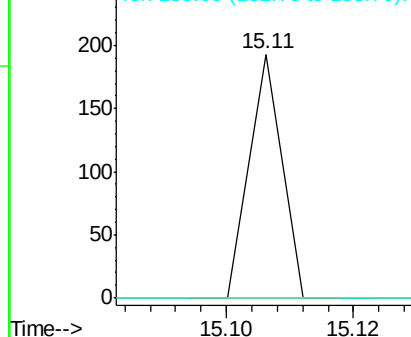
152 100

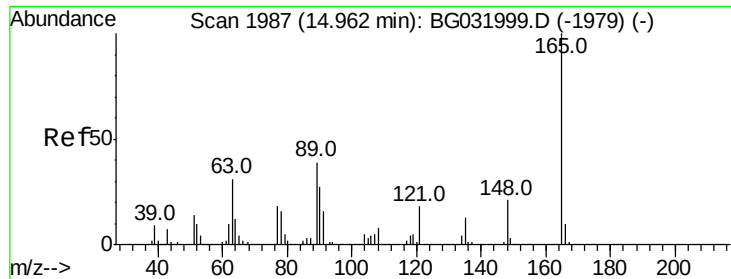
151 0.0 17.2 25.8#

153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

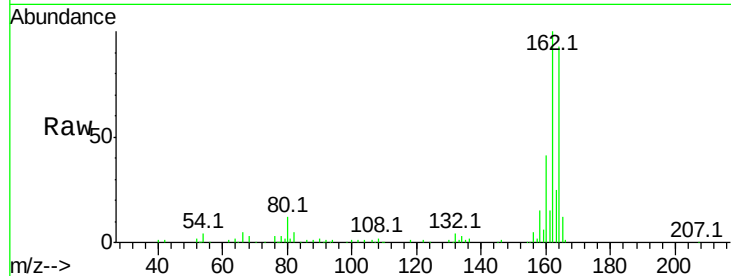




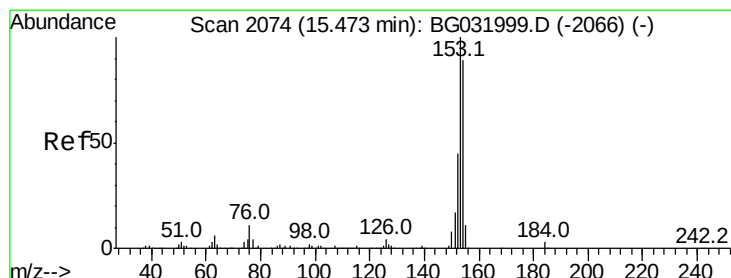
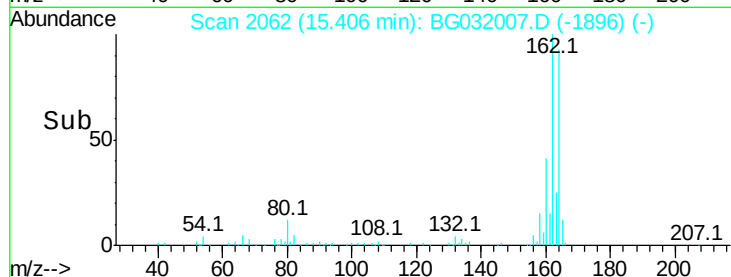
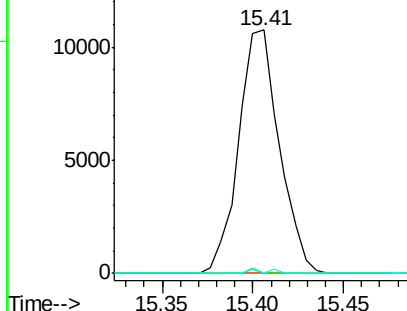
#50
 2,6-Dinitrotoluene
 Concen: 6.889 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. 0.44 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 16786
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

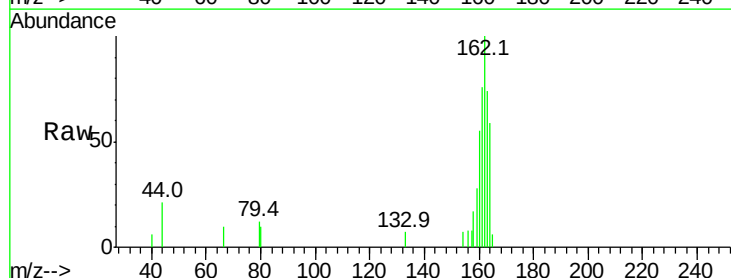


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

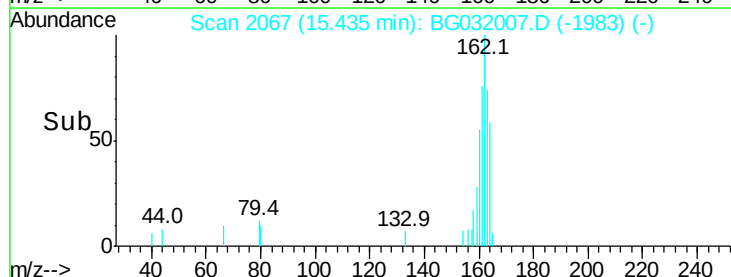
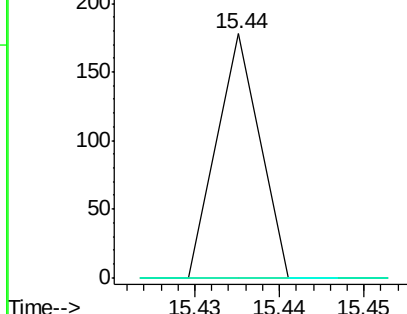


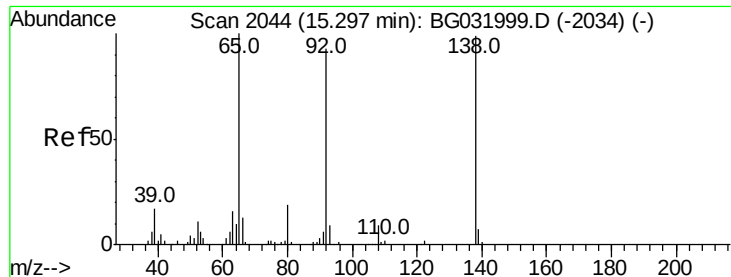
#51
 Acenaphthene
 Concen: 0.007 ng
 RT: 15.44 min Scan# 2067
 Delta R.T. -0.04 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Tgt Ion:154 Resp: 63
 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





#52

3-Nitroaniline

Concen: 0.026 ng

RT: 15.49 min Scan# 2077

Delta R.T. 0.20 min

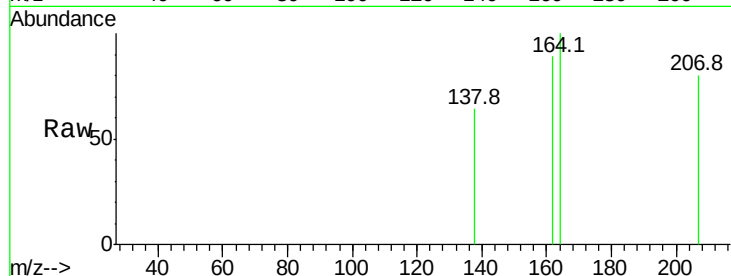
Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :



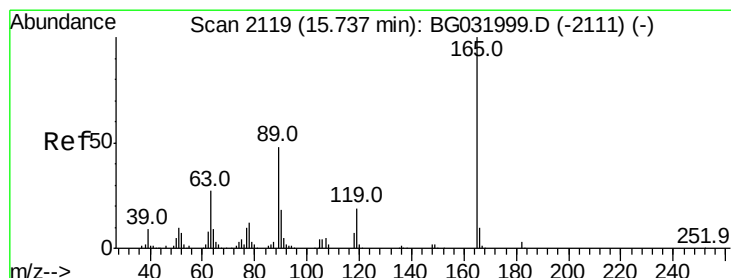
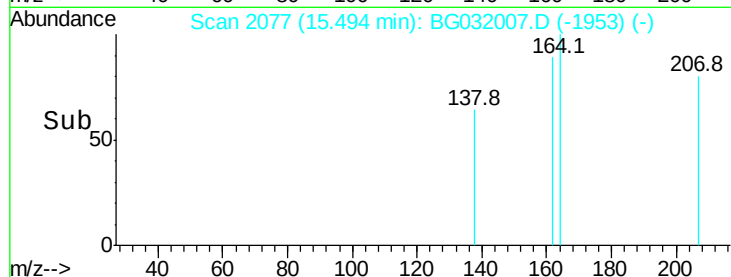
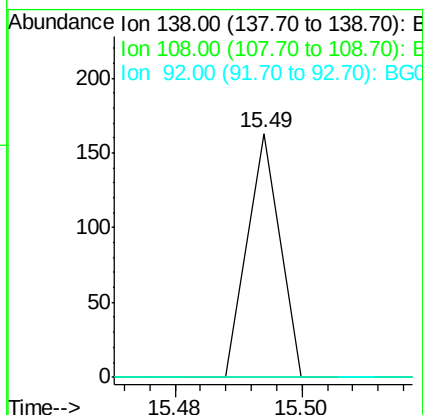
Tot Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

92 0.0 105.8 158.8#



#56

2,4-Dinitrotoluene

Concen: 5.117 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.33 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Tgt Ion:165 Resp: 16786

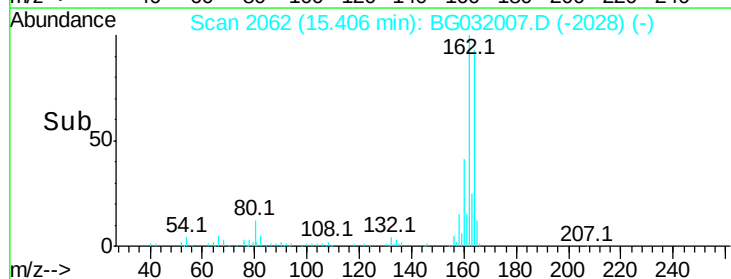
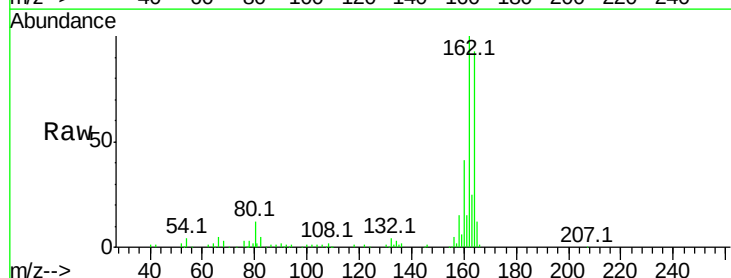
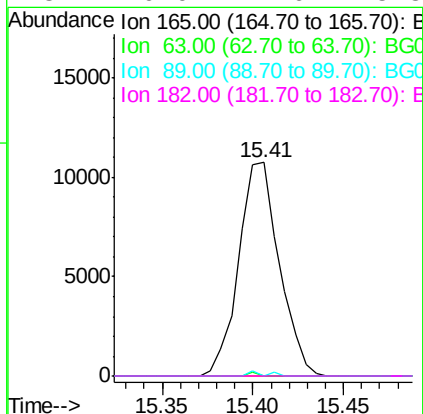
Ion Ratio Lower Upper

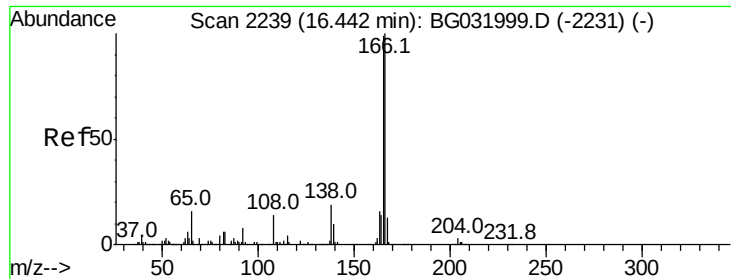
165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#





#57

Fluorene

Concen: 0.643 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.44 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

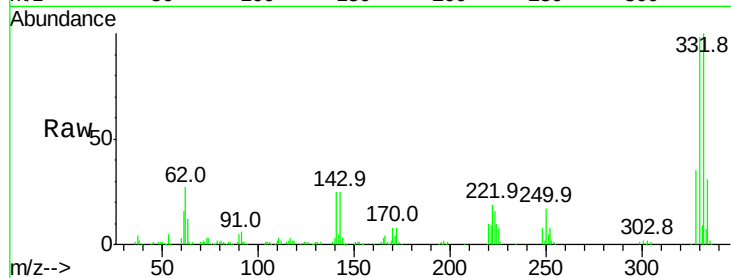
Tot Ion:166 Resp: 7086

Ion Ratio Lower Upper

166 100

165 76.5 80.6 121.0#

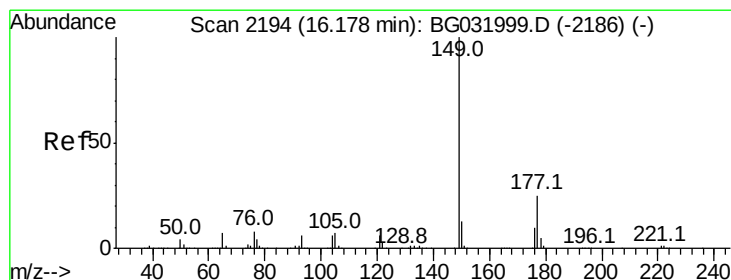
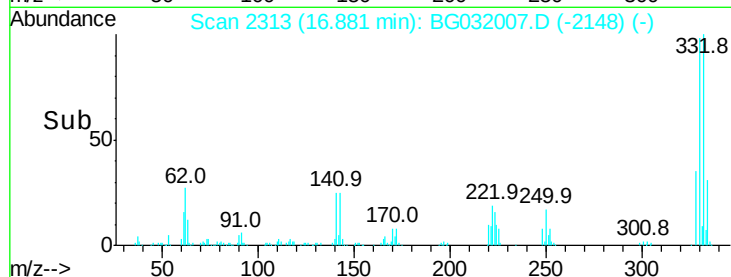
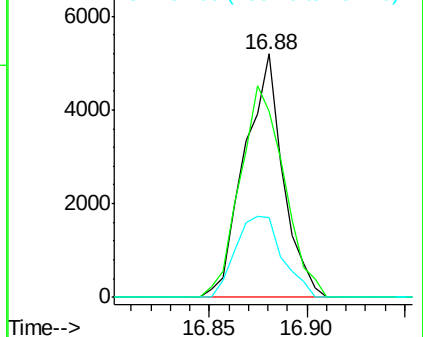
167 32.7 10.4 15.6#



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: 0.053 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

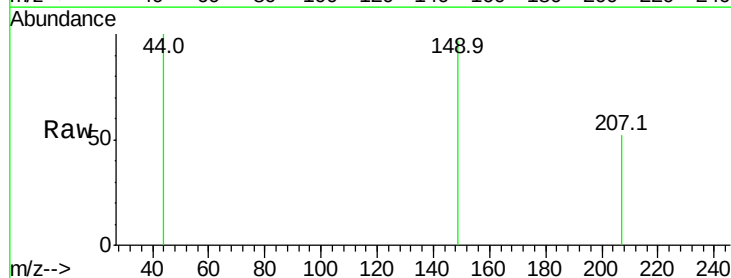
Tgt Ion:149 Resp: 599

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

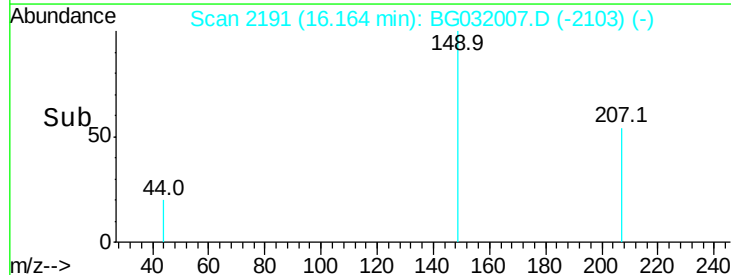
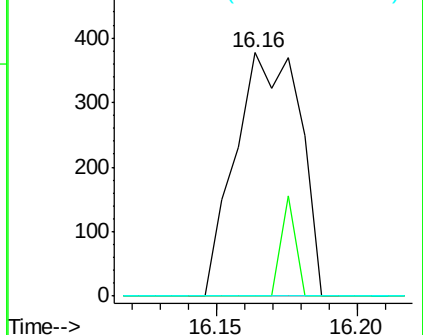
150 0.0 10.2 15.2#

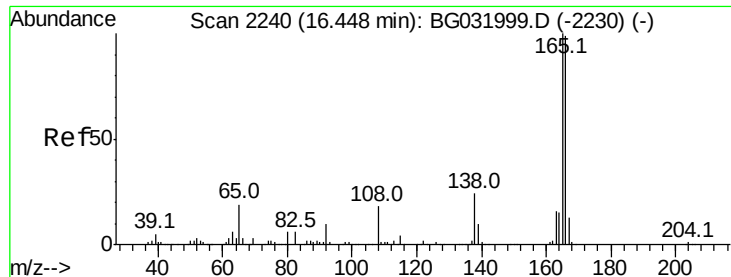


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Nitroaniline

Concen: 0.027 ng

RT: 16.76 min Scan# 2292

Delta R.T. 0.31 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampled :

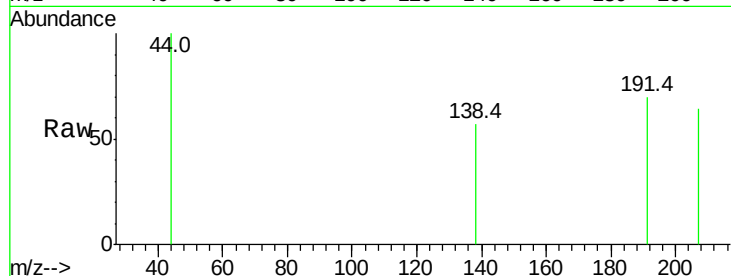
Tot Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

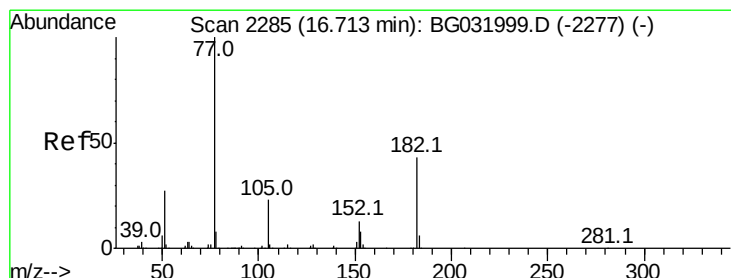
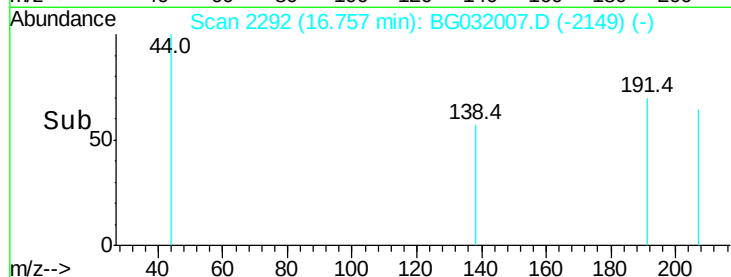
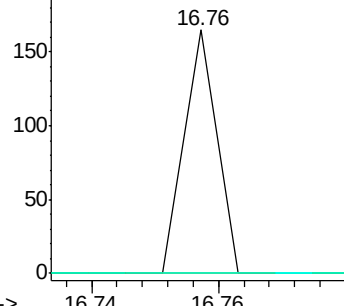
108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.084 ng

RT: 16.87 min Scan# 2312

Delta R.T. 0.16 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Tgt Ion: 77 Resp: 595

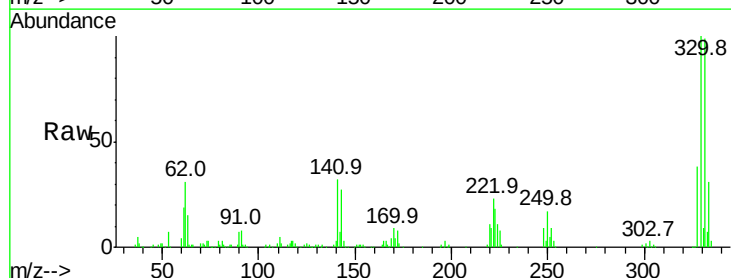
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 80.5 0.3 40.3#

51 30.7 11.6 51.6

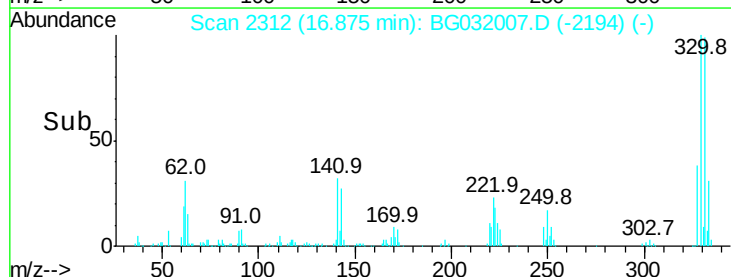
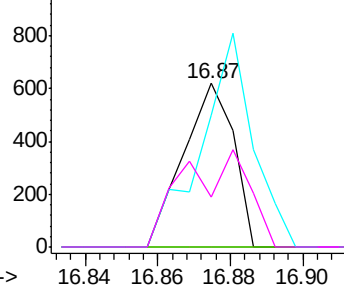


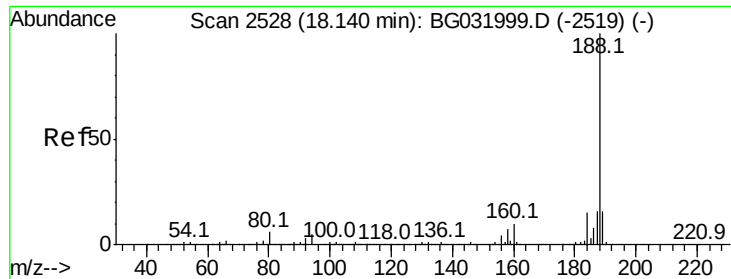
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

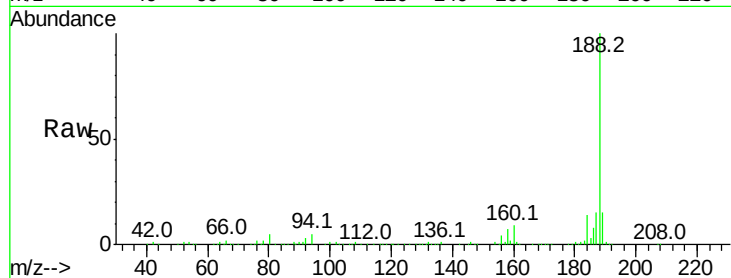




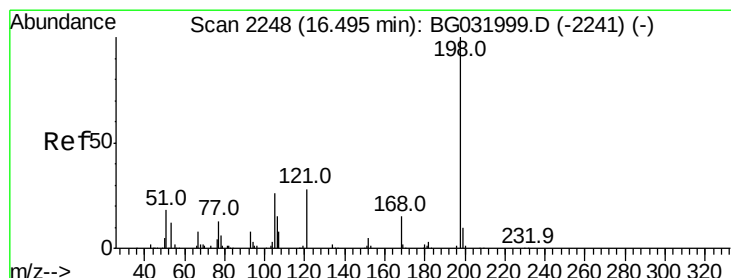
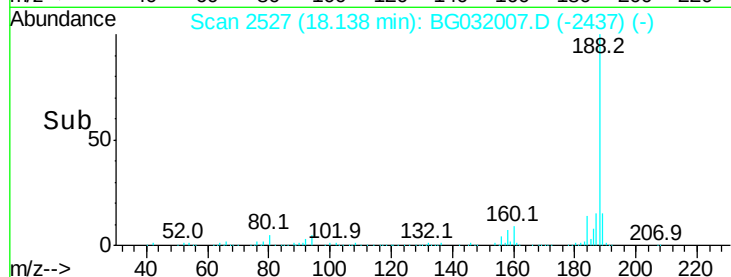
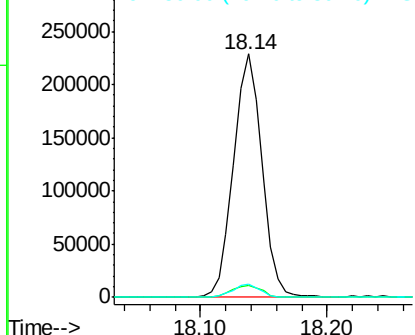
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 354326
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 5.5 7.7 11.5#

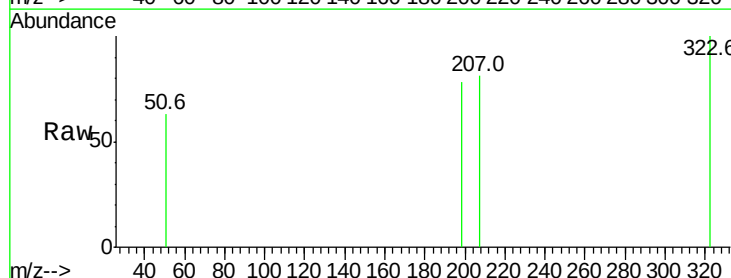


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

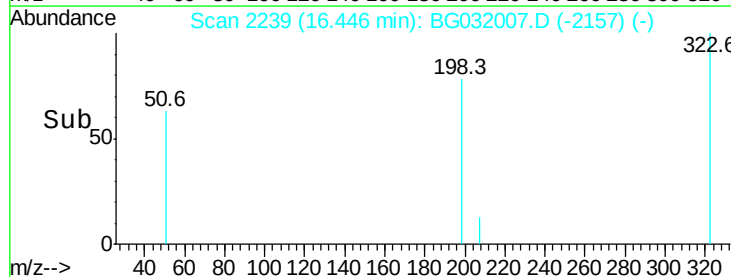
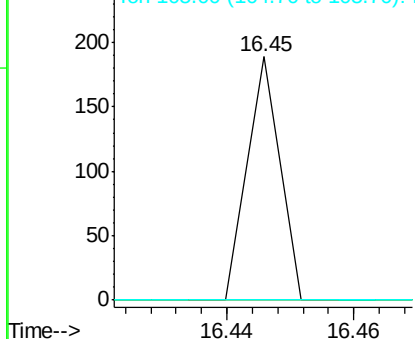


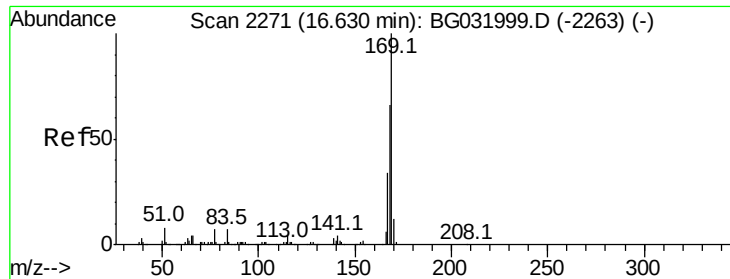
#64
4,6-Dinitro-2-methylphenol
Concen: 4.911 ng
RT: 16.45 min Scan# 2239
Delta R.T. -0.05 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 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: 0.610 ng

RT: 16.87 min Scan# 2312

Delta R.T. 0.24 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

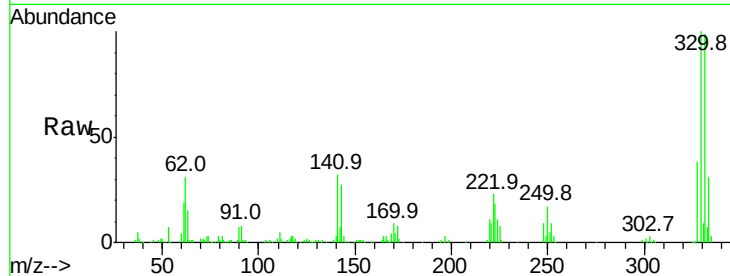
Tot Ion:169 Resp: 6554

Ion Ratio Lower Upper

169 100

168 6.6 55.7 83.5#

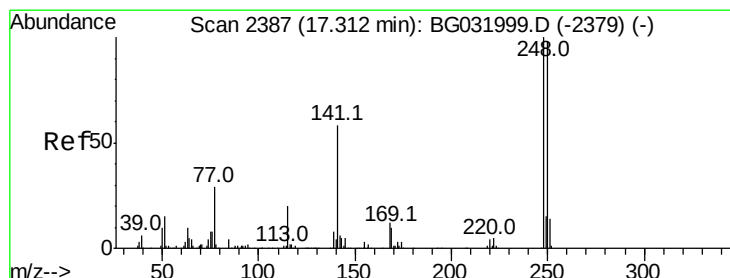
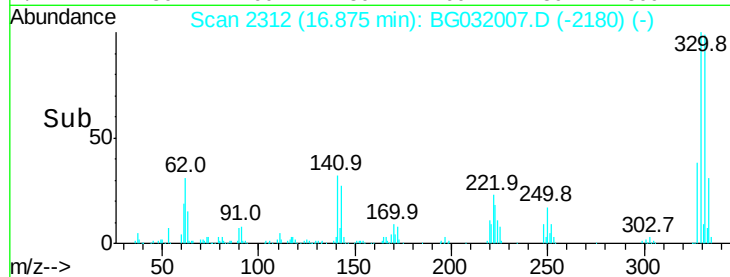
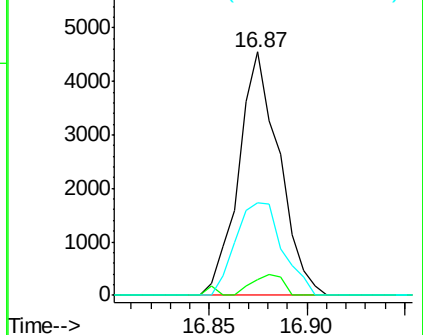
167 44.4 30.1 45.1



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: 3.606 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.44 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

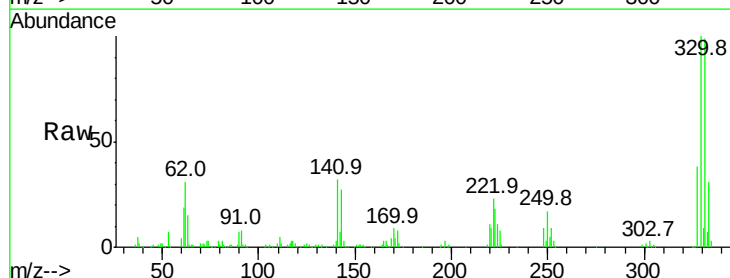
Tgt Ion:248 Resp: 18178

Ion Ratio Lower Upper

248 100

250 189.8 77.1 115.7#

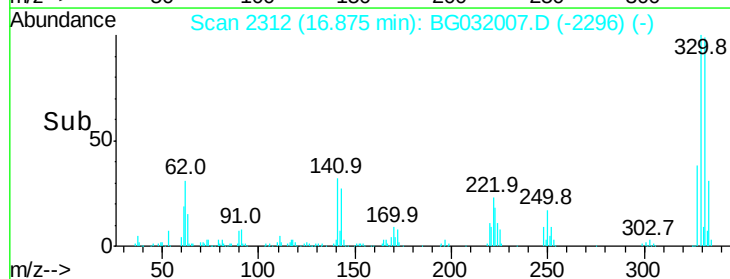
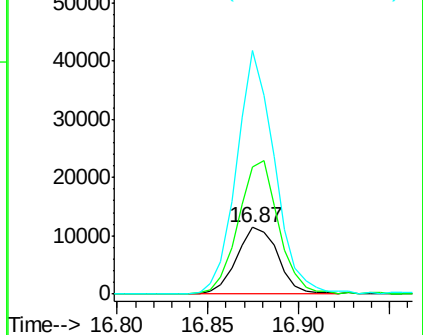
141 364.8 50.8 76.2#

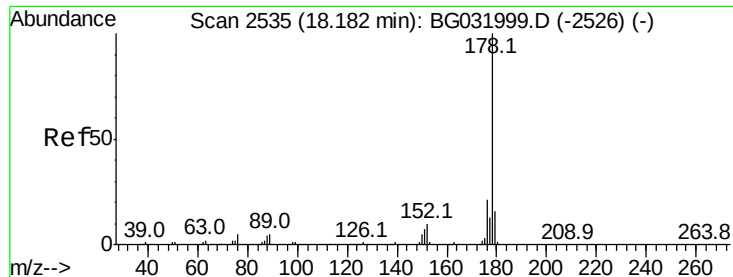


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.006 ng

RT: 18.14 min Scan# 2528

Delta R.T. -0.04 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

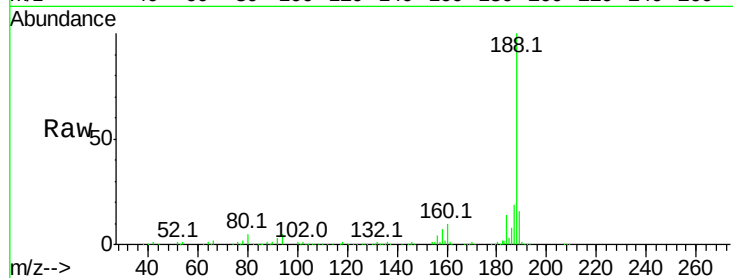
Tot Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

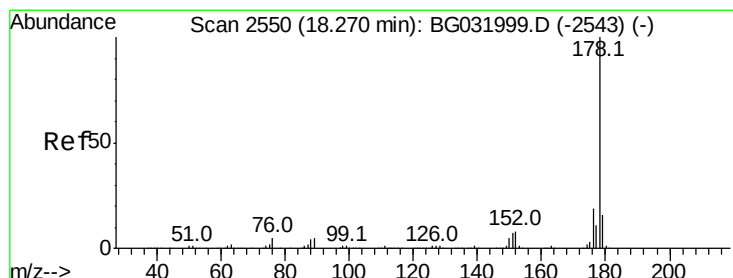
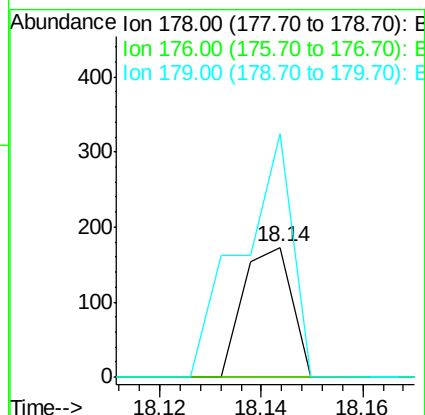
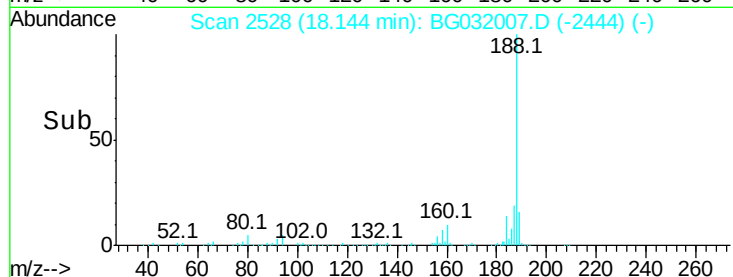
179 187.3 12.5 18.7#



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: 0.006 ng

RT: 18.14 min Scan# 2528

Delta R.T. -0.13 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

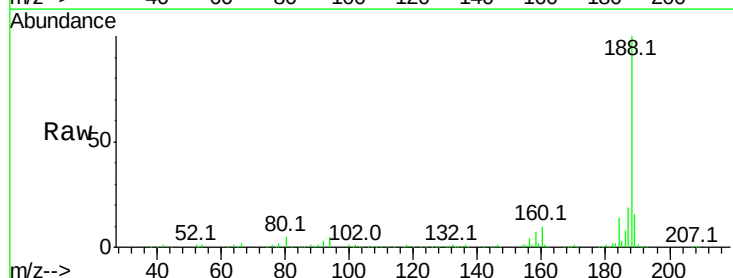
Tgt Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

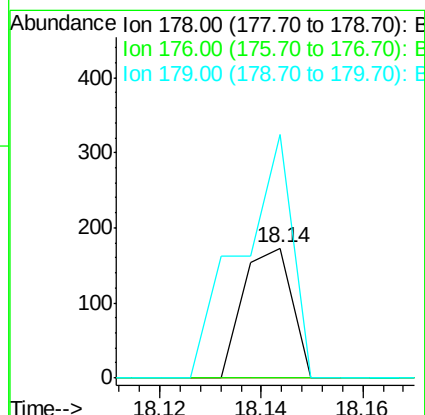
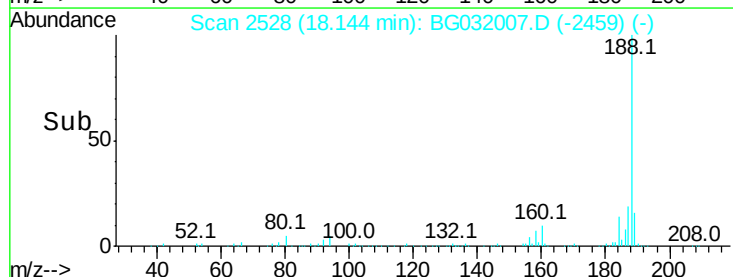
179 187.3 12.5 18.7#

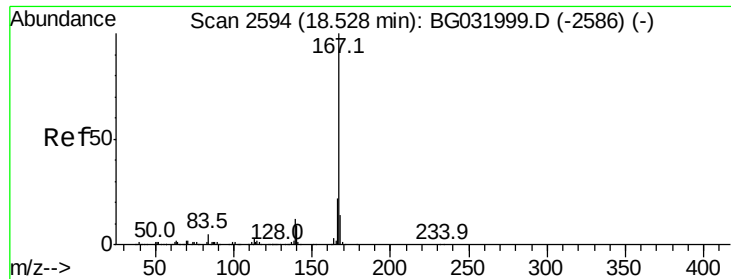


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.004 ng

RT: 18.18 min Scan# 2535

Delta R.T. -0.34 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

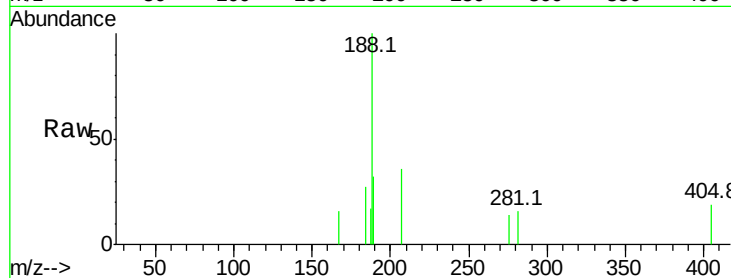
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 65

Ion	Ratio	Lower	Upper
167	100		
166	100.0	18.2	27.4#
139	0.0	9.4	14.2#

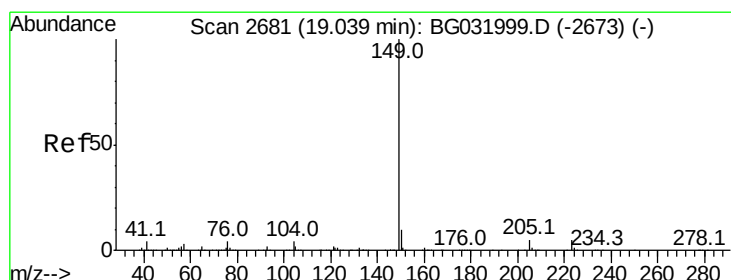
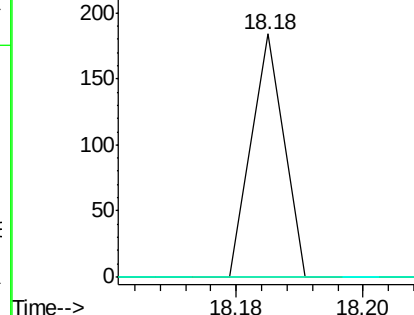
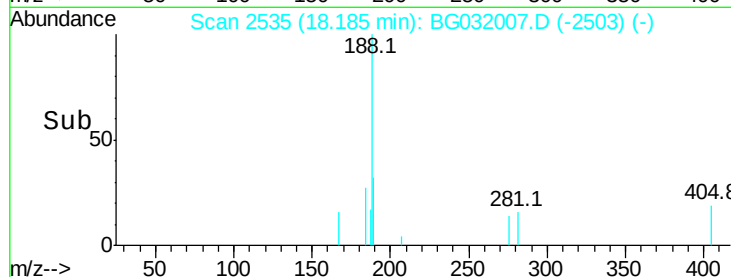


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

18.18



#73

Di-n-butylphthalate

Concen: 0.003 ng

RT: 18.74 min Scan# 2630

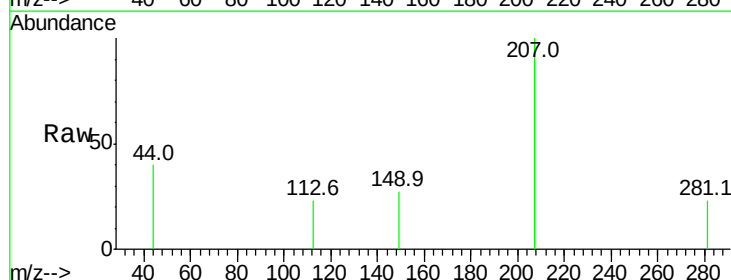
Delta R.T. -0.30 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Tgt Ion:149 Resp: 63

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

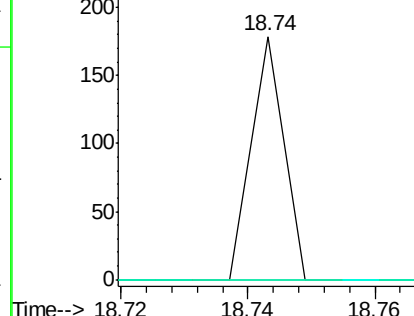
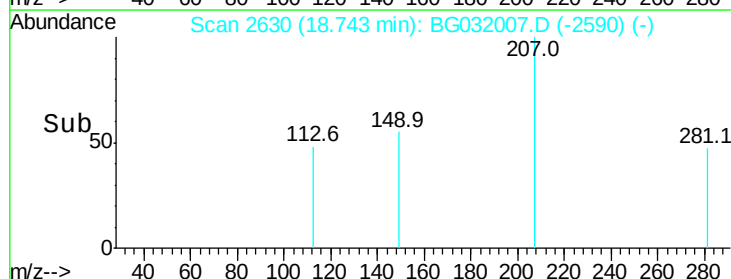


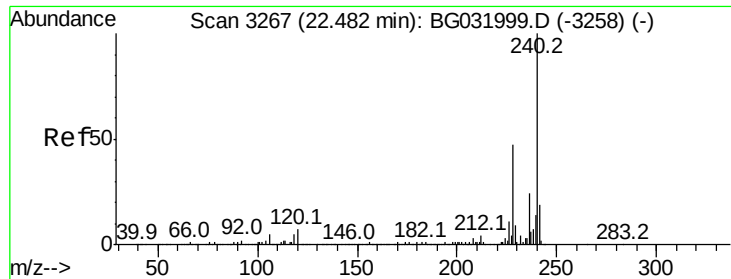
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.74





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

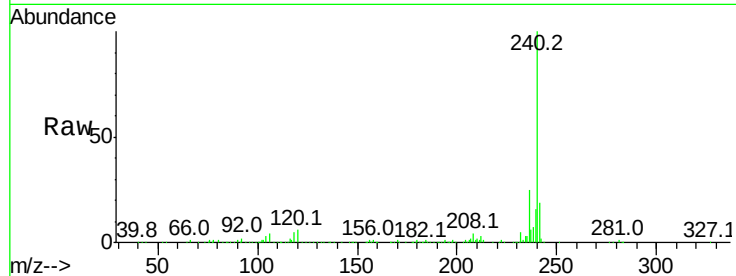
Tot Ion:240 Resp: 426605

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

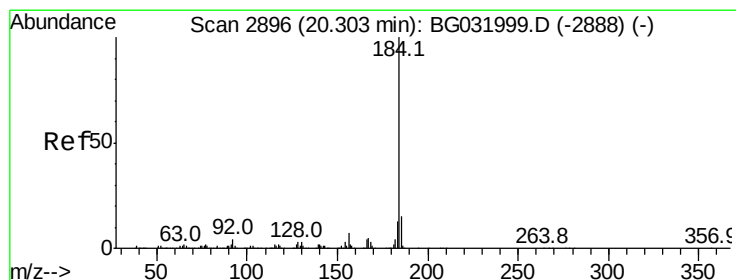
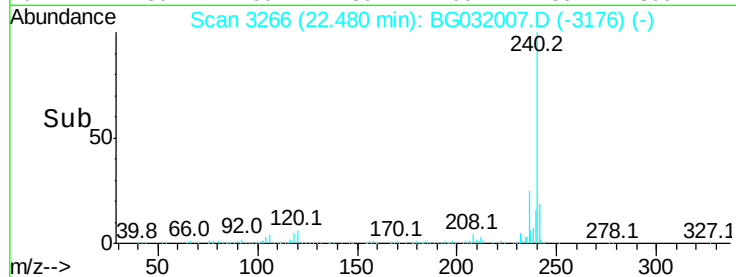
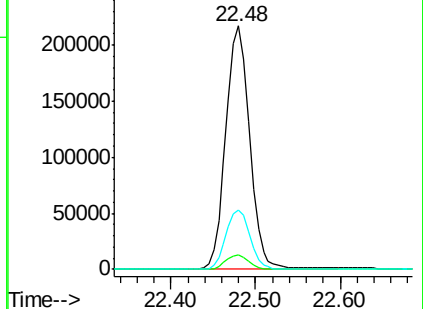
236 24.5 20.9 31.3



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: 1.594 ng

RT: 20.67 min Scan# 2958

Delta R.T. 0.37 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

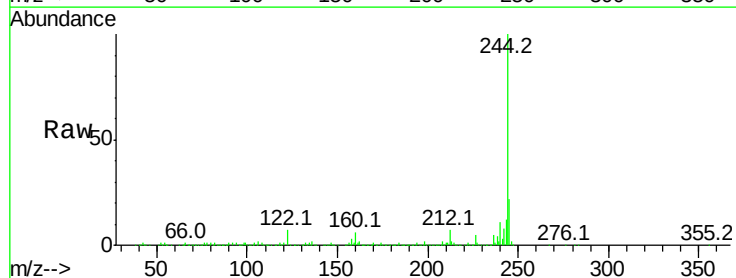
Tgt Ion:184 Resp: 17001

Ion Ratio Lower Upper

184 100

185 17.1 11.1 16.7#

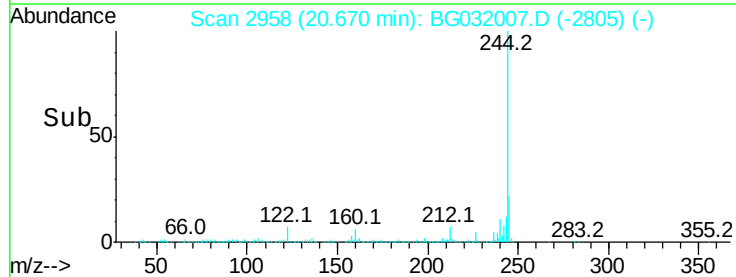
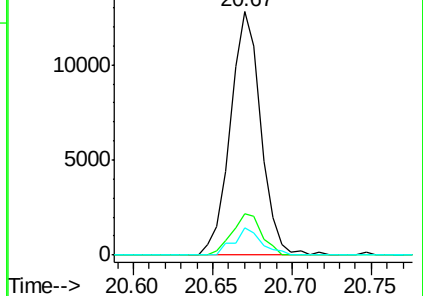
183 11.2 10.6 16.0

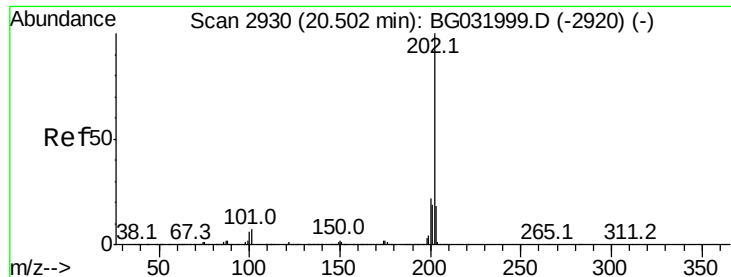


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

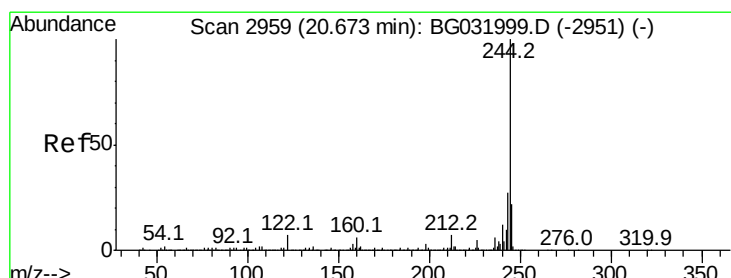
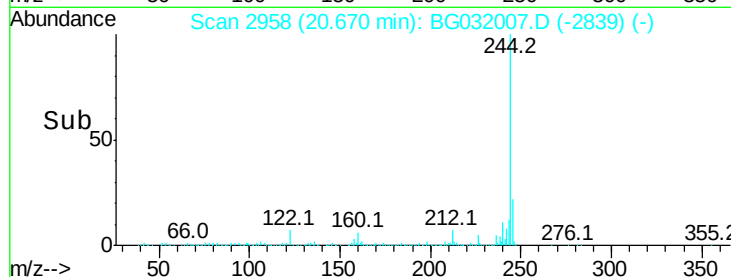
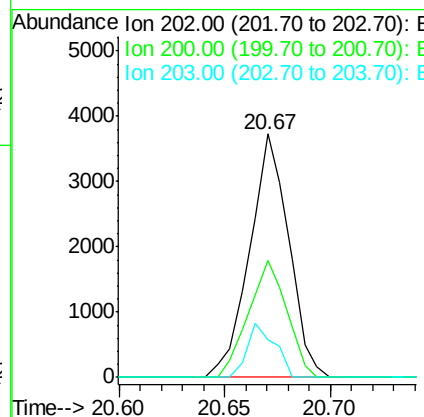
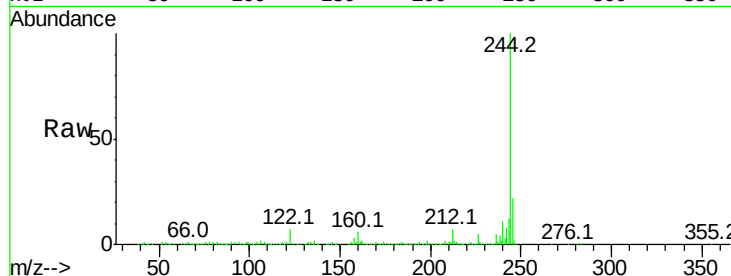




#77
Pvrene
Concen: 0.179 ng
RT: 20.67 min Scan# 2958
Delta R.T. 0.17 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

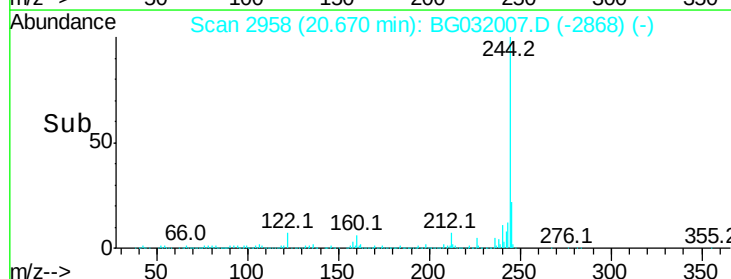
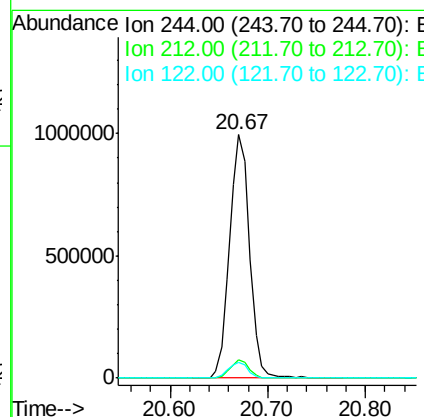
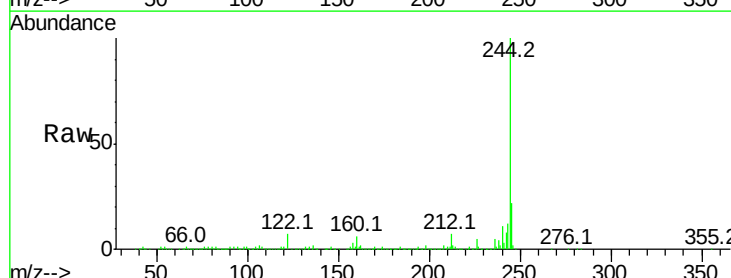
Instrument :
BNA_G
ClientSampleId :

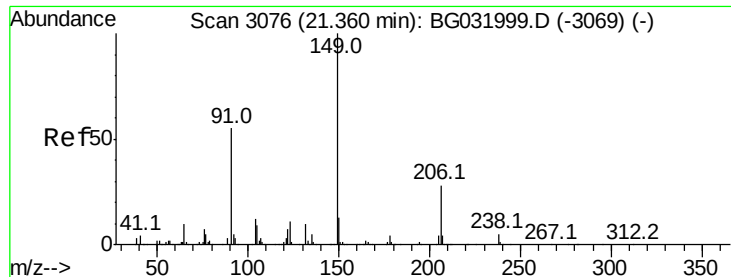
Tot Ion:202 Resp: 4802
Ion Ratio Lower Upper
202 100
200 48.2 16.9 25.3#
203 15.6 13.9 20.9



#78
Terphenyl-d14
Concen: 73.252 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion:244 Resp: 1415271
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 6.6 7.0 10.4#

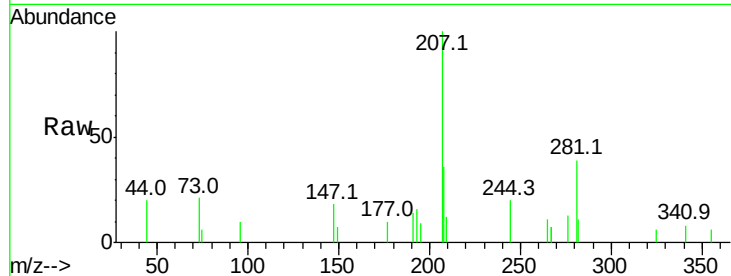




#79
Butylbenzylphthalate
Concen: 0.006 ng
RT: 21.32 min Scan# 3068
Delta R.T. -0.04 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

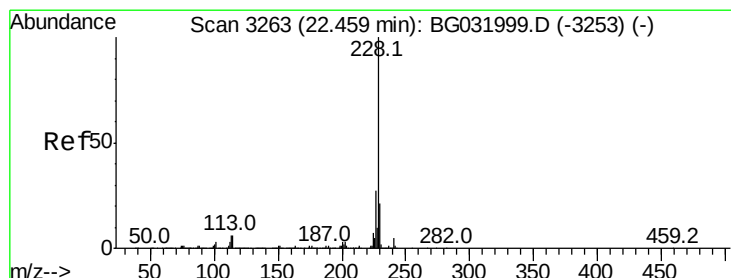
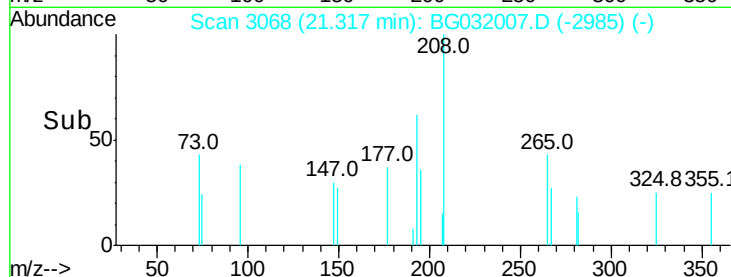
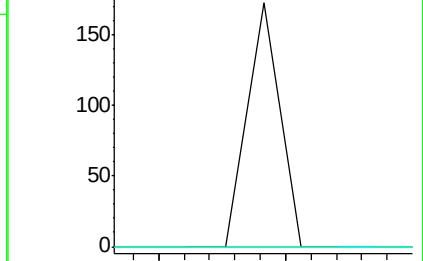
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 61
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 18.6 27.8#



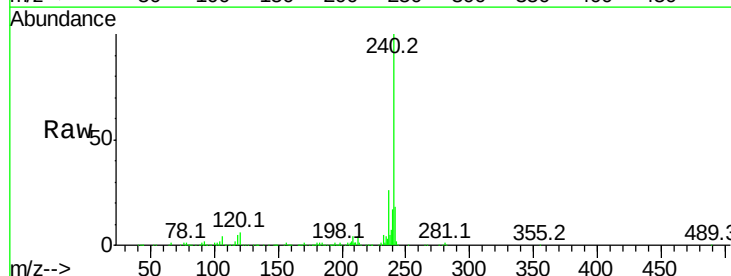
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

21.32



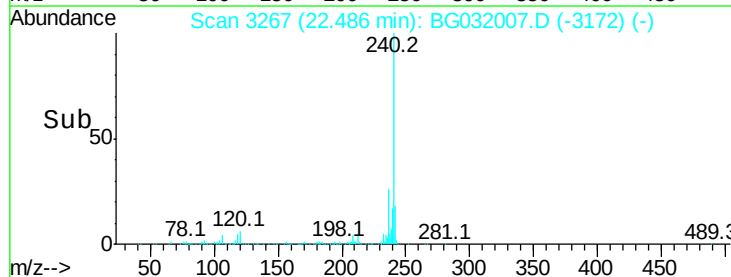
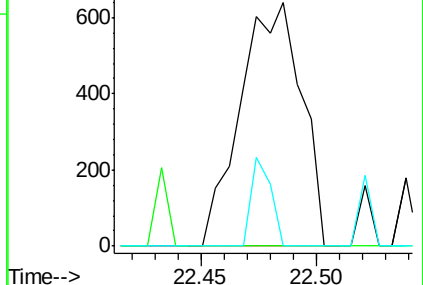
#80
Benzo(a)anthracene
Concen: 0.044 ng
RT: 22.49 min Scan# 3267
Delta R.T. 0.03 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

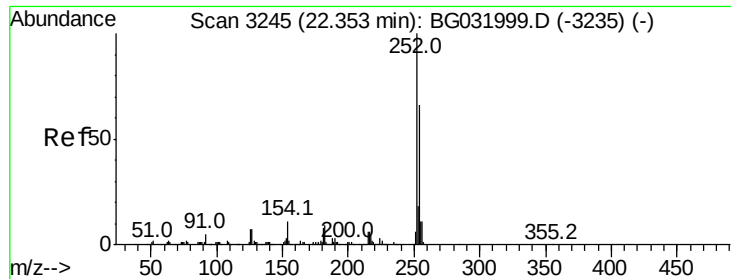
Tgt Ion:228 Resp: 1176
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 0.0 16.2 24.2#



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

22.49

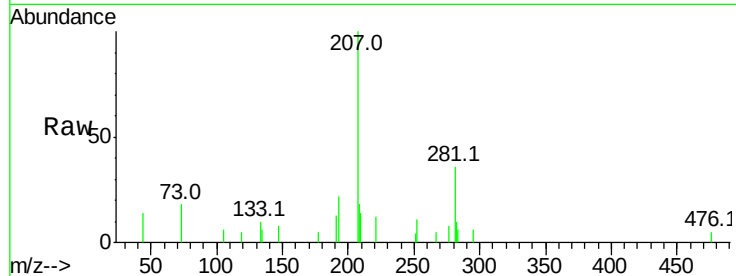




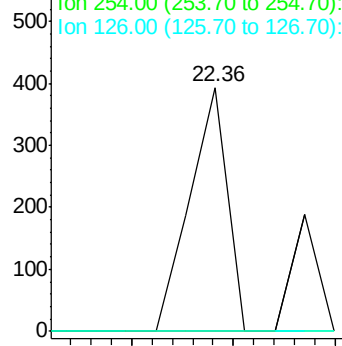
#81
 3,3'-Dichlorobenzidine
 Concen: 0.021 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampled :

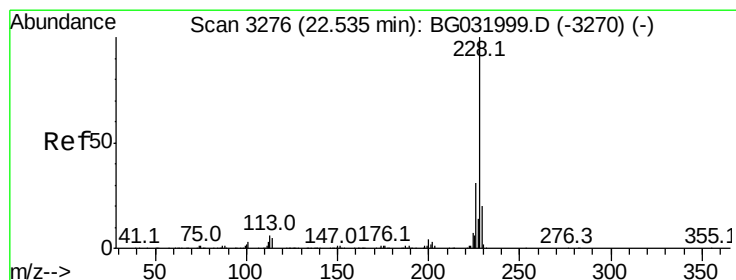
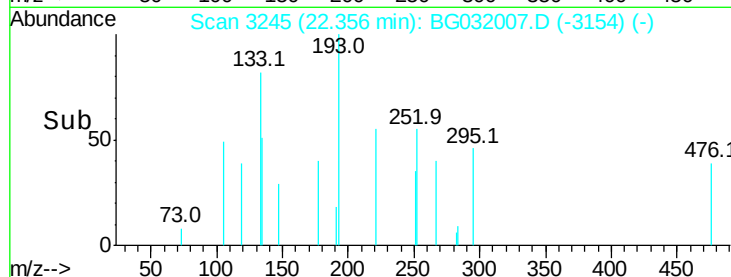
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



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

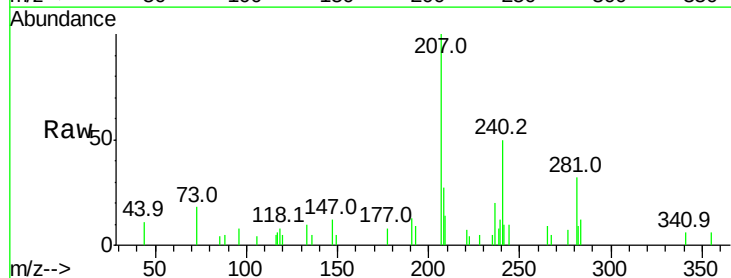


Time-->

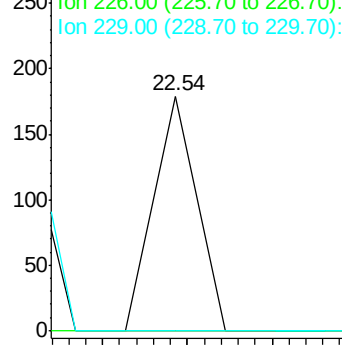


#82
 Chrysene
 Concen: 0.002 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

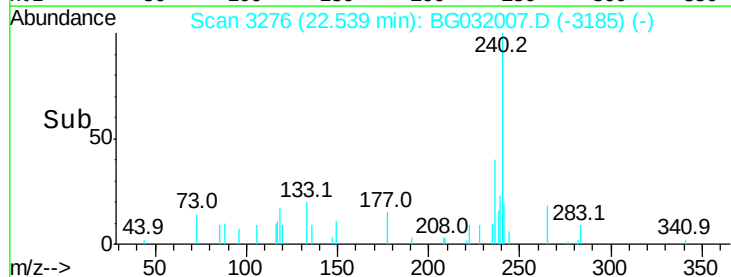
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#

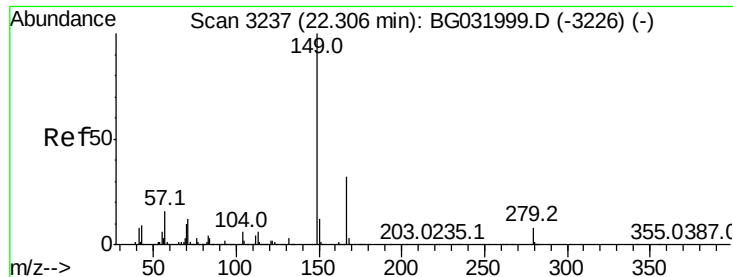


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.017 ng

RT: 22.31 min Scan# 3237

Delta R.T. 0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampled :

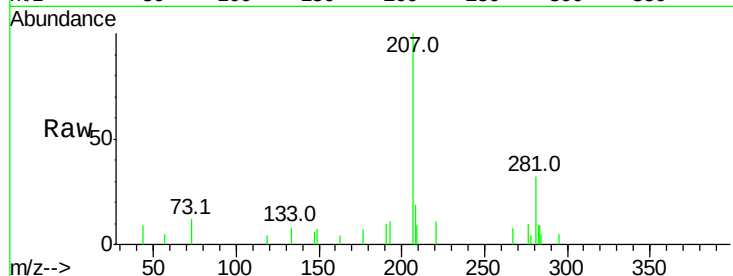
Tot Ion:149 Resp: 246

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

279 0.0 4.0 6.0#

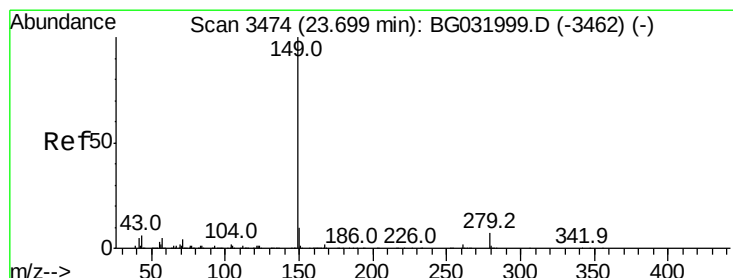
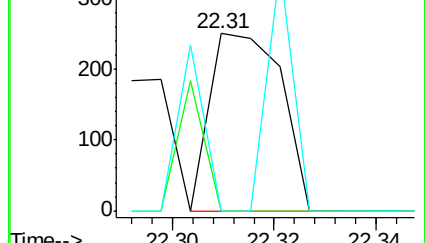
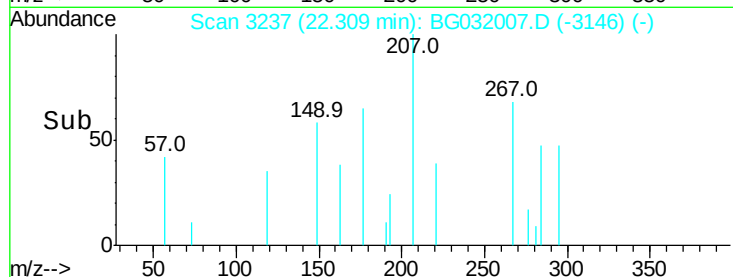


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.69 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

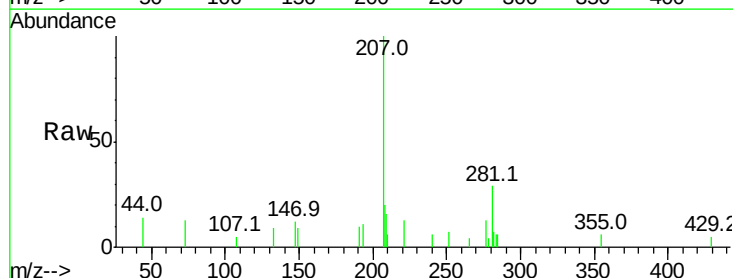
Tgt Ion:149 Resp: 192

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 45.3 8.9 13.3#

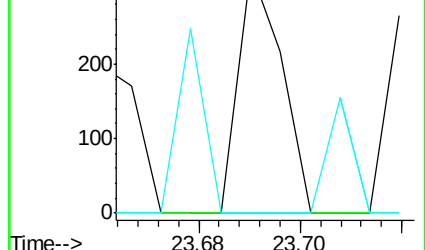
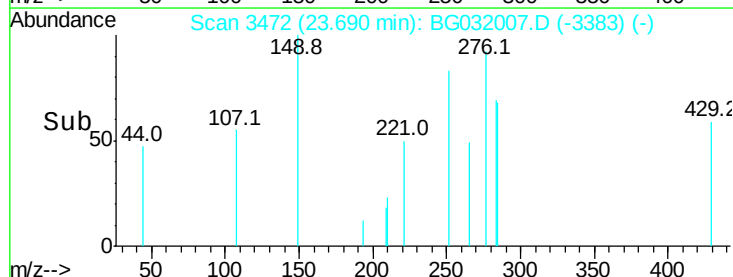


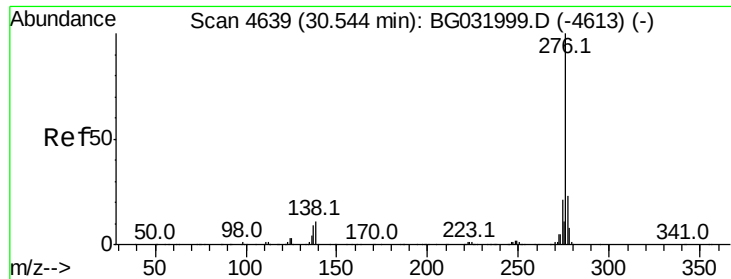
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->

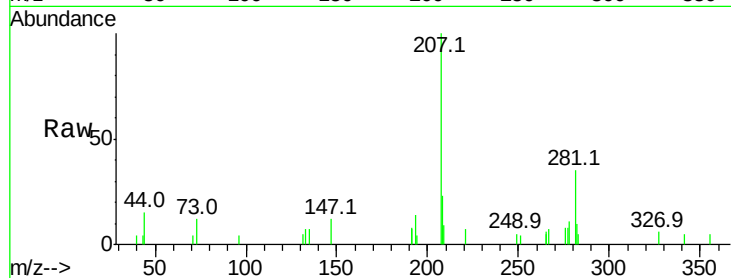




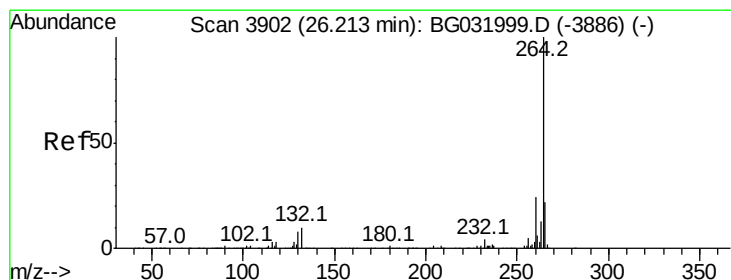
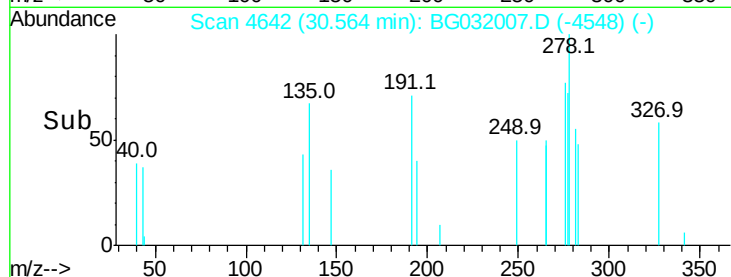
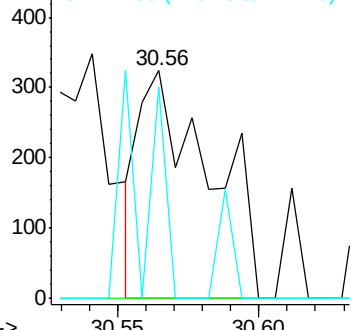
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.018 ng
RT: 30.56 min Scan# 4642
Delta R.T. 0.02 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 561
Ion Ratio Lower Upper
276 100
138 0.0 16.0 24.0#
277 39.4 20.0 30.0#

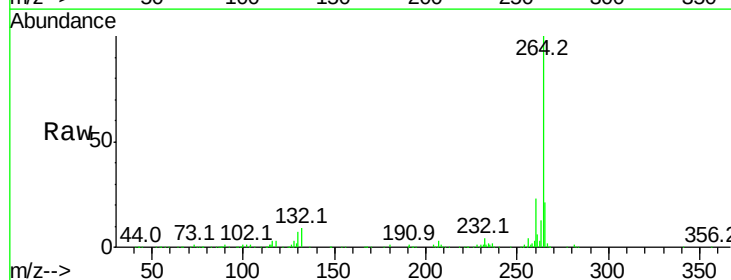


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

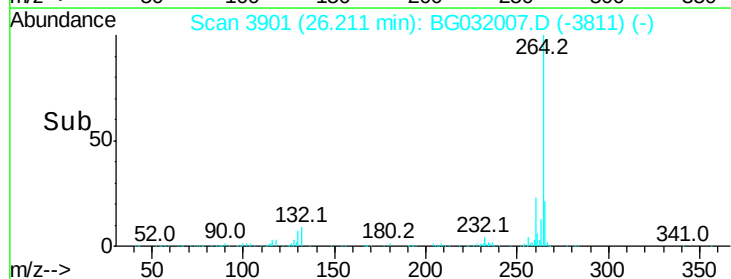
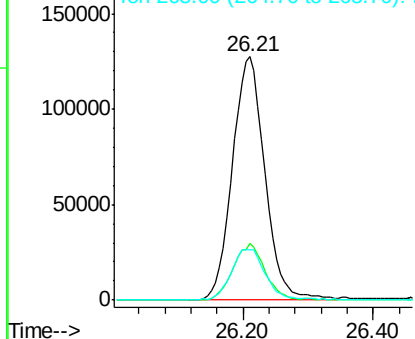


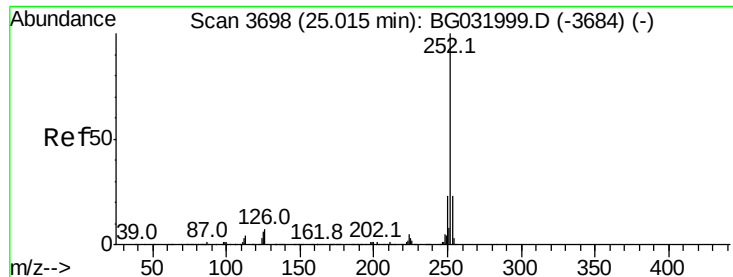
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3901
Delta R.T. -0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion:264 Resp: 441354
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.0
265 20.5 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: 0.028 ng

RT: 25.00 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampled :

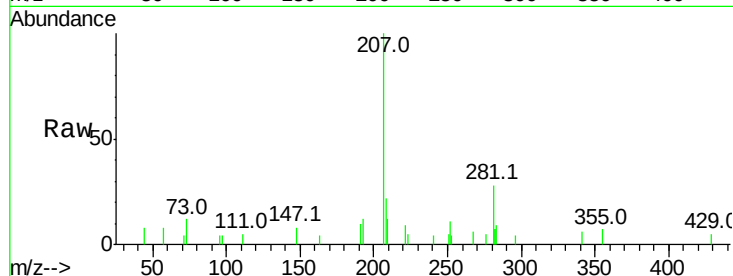
Tot Ion:252 Resp: 736

Ion Ratio Lower Upper

252 100

253 33.8 18.2 27.4#

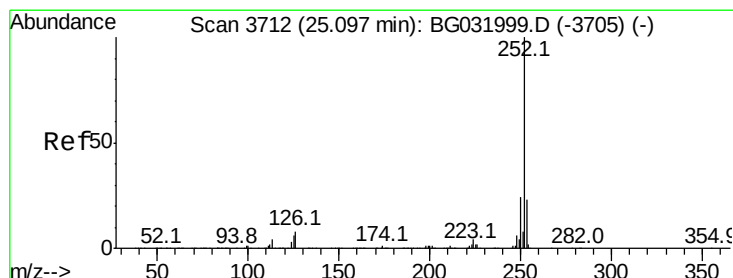
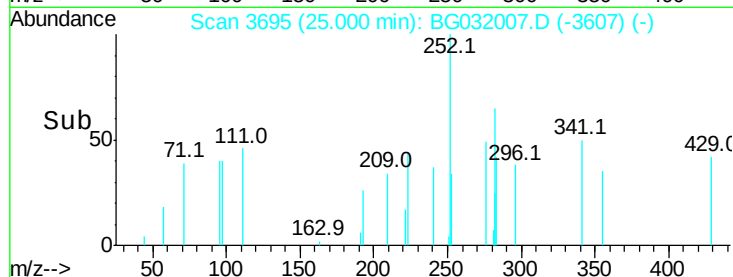
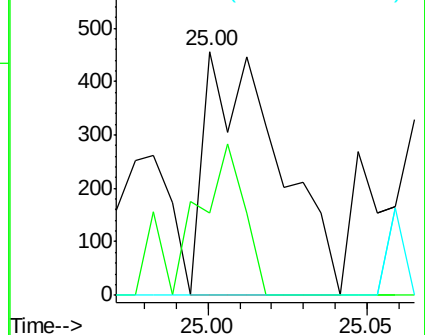
125 0.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.046 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

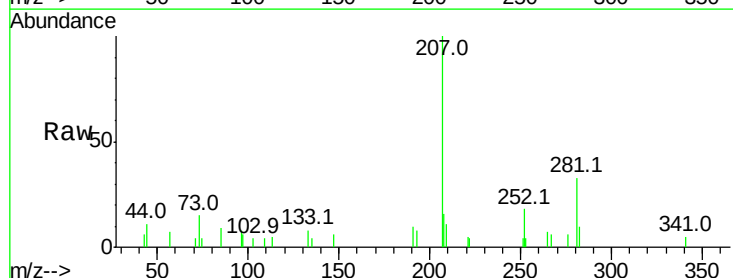
Tgt Ion:252 Resp: 1190

Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.2

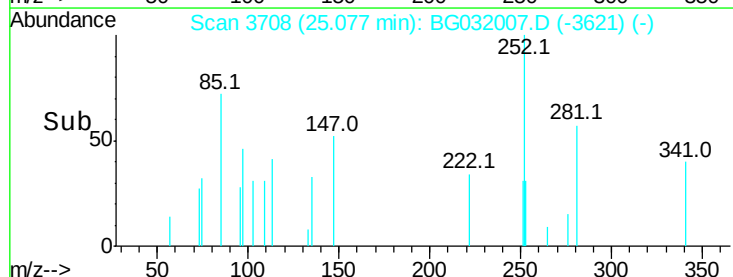
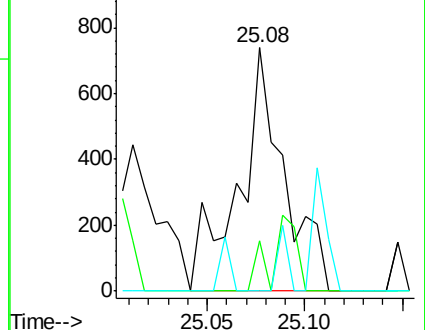
125 0.0 6.6 9.8#

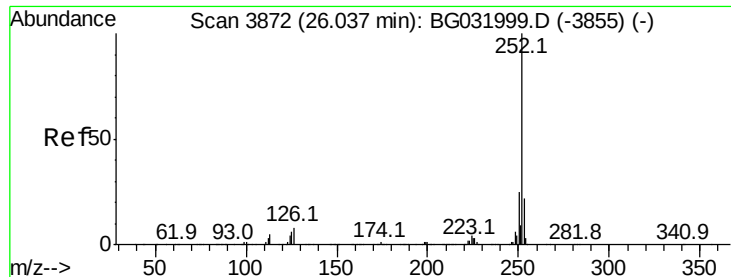


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.017 ng

RT: 26.05 min Scan# 3873

Delta R.T. 0.01 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampled :

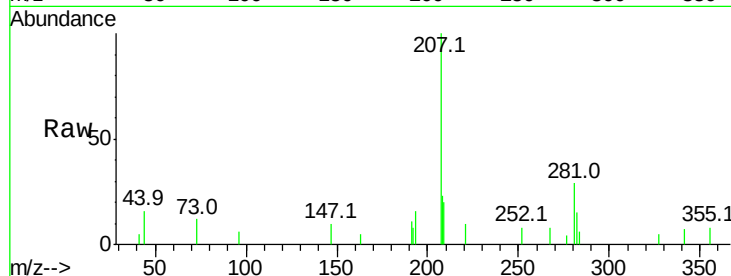
Tot Ion:252 Resp: 425

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

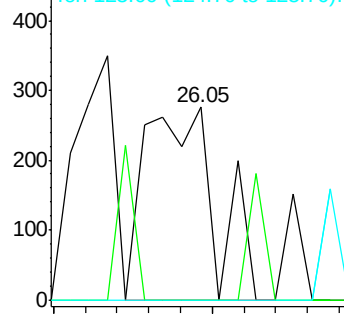
125 0.0 7.3 10.9#



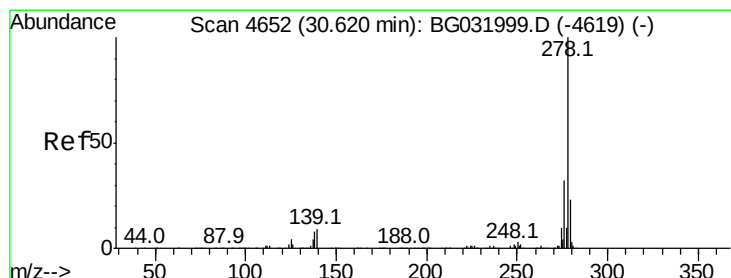
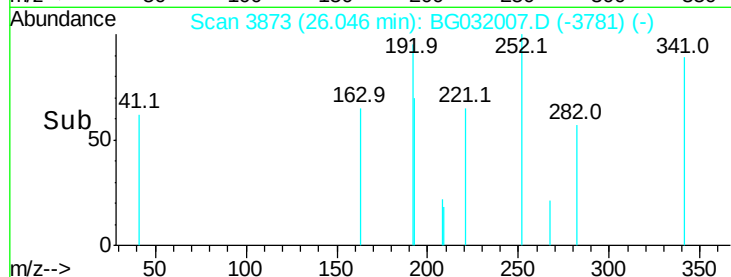
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 26.00



#90

Dibenzo(a,h)anthracene

Concen: 0.038 ng

RT: 30.62 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

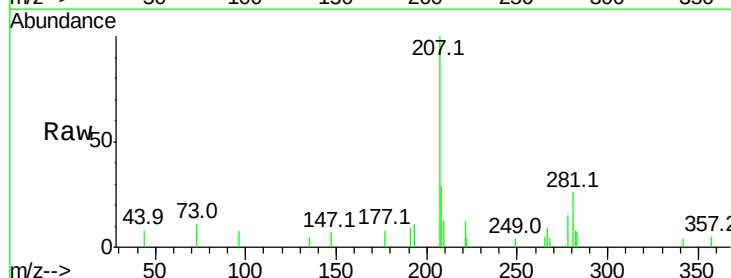
Tgt Ion:278 Resp: 915

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

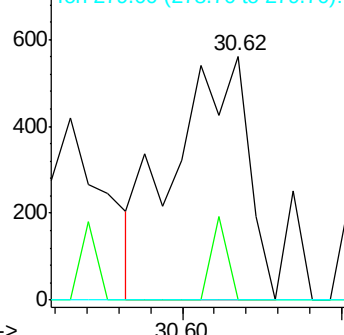
279 0.0 18.4 27.6#



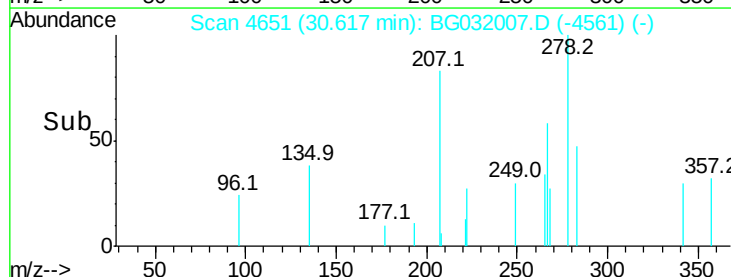
Abundance Ion 278.00 (277.70 to 278.70): E

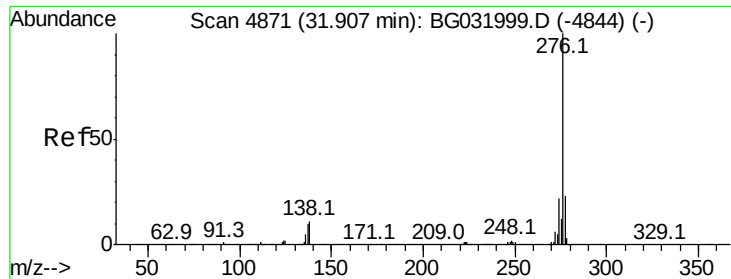
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 30.60





#91

Benzo(a,h,i)perylene

Concen: 0.017 ng

RT: 31.89 min Scan# 4868

Delta R.T. -0.01 min

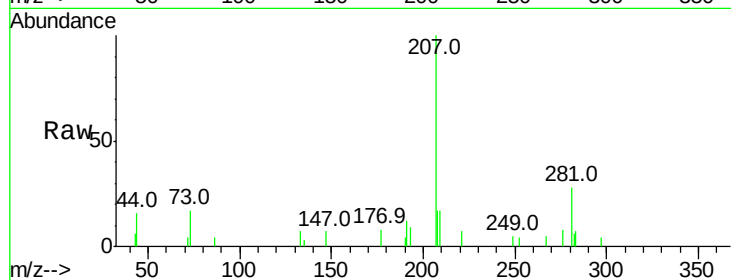
Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	422
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#

