

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031464.D
 Acq On : 11 Dec 2017 20:29
 Operator : SJ/JU
 Sample : I6762-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42043	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	181608	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	127418	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	357886	20.00	ng	0.00
75) Chrysene-d12	21.74	240	424948	20.00	ng	0.00
86) Perylene-d12	25.02	264	396277	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	122537	51.66	ng	0.00
7) Phenol-d6	7.28	99	98958	30.05	ng	0.00
23) Nitrobenzene-d5	9.28	82	287785	97.67	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	161148	107.95	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	871954	100.45	ng	0.00
78) Terphenyl-d14	20.06	244	1665502	89.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	213	0.188	ng	# 74
4) n-Nitrosodimethylamine	3.83	42	380	0.271	ng	# 1
6) Aniline	7.42	93	55	0.013	ng	# 41
8) 2-Chlorophenol	7.68	128	57	0.022	ng	# 26
9) Benzaldehyde	7.30	77	53	0.028	ng	# 5
10) Phenol	7.31	94	2642	0.781	ng	# 91
11) bis(2-Chloroethyl)ether	7.58	93	87	0.032	ng	# 16
12) 1,3-Dichlorobenzene	8.11	146	63	0.020	ng	# 1
13) 1,4-Dichlorobenzene	8.11	146	63	0.019	ng	# 1
15) Benzyl Alcohol	8.43	79	5349	2.077	ng	# 49
17) 2-Methylphenol	8.44	107	57	0.025	ng	# 1
18) Hexachloroethane	9.28	117	55	0.050	ng	# 1
24) Nitrobenzene	9.32	77	67	0.022	ng	# 42
25) Isophorone	9.85	82	60	0.011	ng	# 69
31) Naphthalene	10.93	128	53	0.006	ng	# 68
45) 1,1'-Biphenyl	13.35	154	1851	0.177	ng	# 1
47) 2-Nitroaniline	13.90	65	54	0.025	ng	# 9
48) Acenaphthylene	14.47	152	56	0.005	ng	# 59
49) Dimethylphthalate	14.21	163	3045	0.289	ng	# 89
51) Acenaphthene	14.79	154	78	0.010	ng	# 5
54) Dibenzofuran	15.16	168	121	0.010	ng	# 46
59) Diethylphthalate	15.54	149	1620	0.153	ng	# 71
62) Azobenzene	16.21	77	744	0.085	ng	# 1
65) n-Nitrosodiphenylamine	16.21	169	5407	0.516	ng	# 49
70) Phenanthrene	17.52	178	538	0.029	ng	# 58
71) Anthracene	17.61	178	53	0.003	ng	# 59
72) Carbazole	17.95	167	53	0.003	ng	# 59
73) Di-n-butylphthalate	18.42	149	5928	0.307	ng	# 95
74) Fluoranthene	19.53	202	1719	0.073	ng	# 87
76) Benzidine	19.79	184	57	0.006	ng	# 66
77) Pyrene	19.89	202	1884	0.071	ng	# 92
79) Butylbenzylphthalate	20.74	149	61	0.007	ng	# 20
80) Benzo(a)anthracene	21.74	228	2101	0.082	ng	# 79
81) 3,3'-Dichlorobenzidine	21.61	252	58	0.006	ng	# 26

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

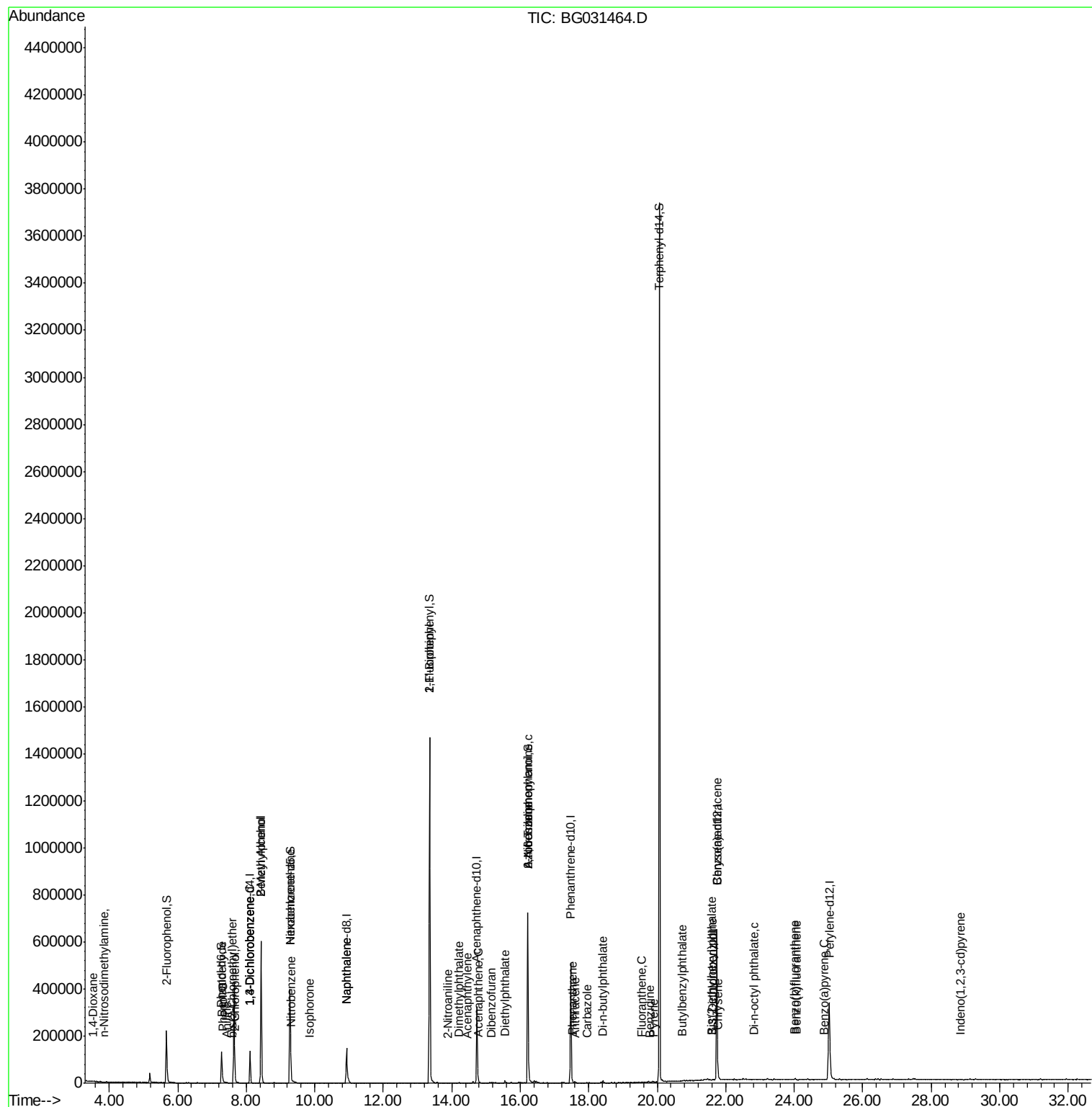
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.78	228	637	0.026	nq	# 49
83) Bis(2-ethylhexyl)phthalate	21.59	149	890	0.067	nq	# 91
84) Di-n-octyl phthalate	22.83	149	323	0.015	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.85	276	58	0.002	nq	# 1
87) Benzo(b)fluoranthene	24.00	252	534	0.023	nq	# 59
88) Benzo(k)fluoranthene	24.06	252	241	0.010	nq	# 60
89) Benzo(a)pyrene	24.87	252	295	0.013	nq	# 1

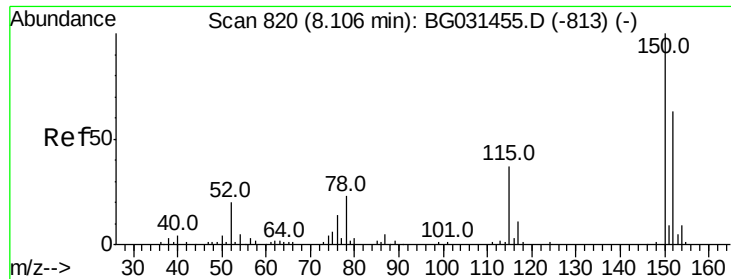
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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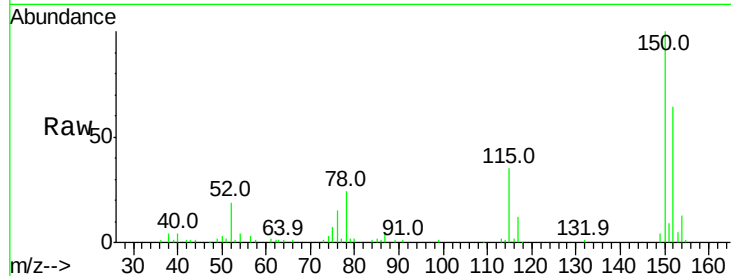


#1

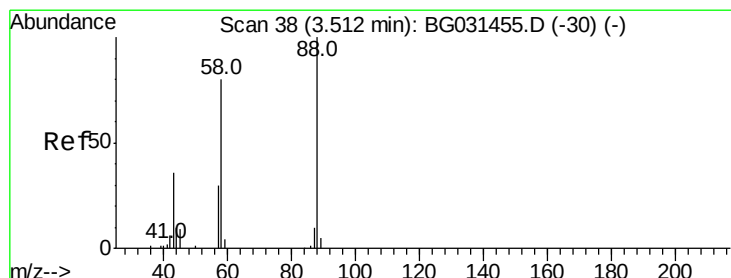
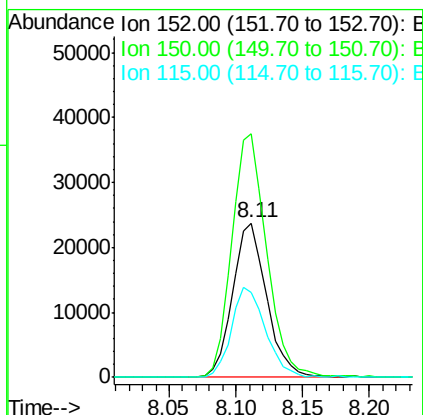
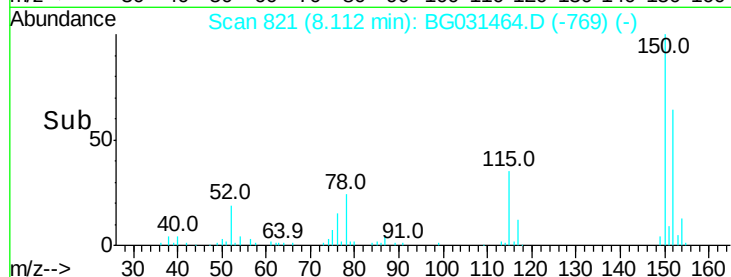
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42043
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 55.0 53.0 79.4



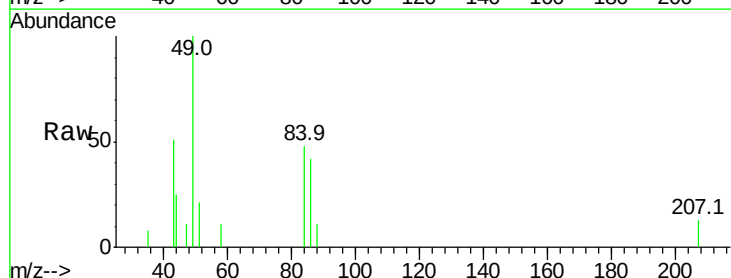
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



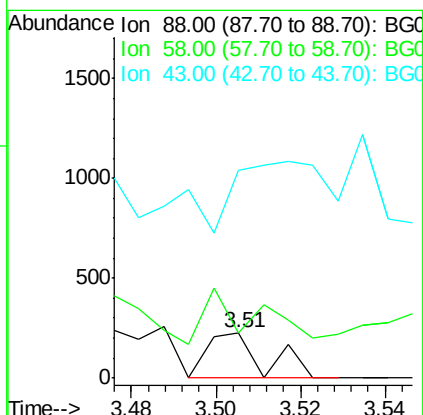
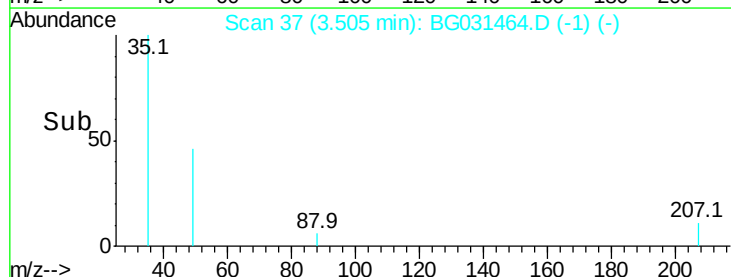
#2

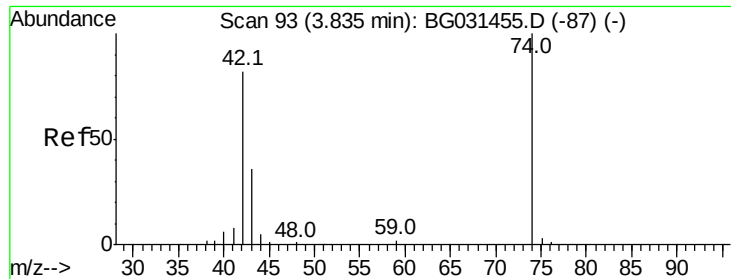
1,4-Dioxane
Concen: 0.188 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
58 113.6 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: 0.271 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampled :

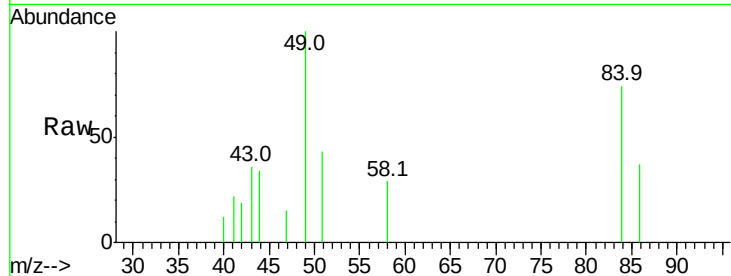
Tot Ion: 42 Resp: 380

Ion Ratio Lower Upper

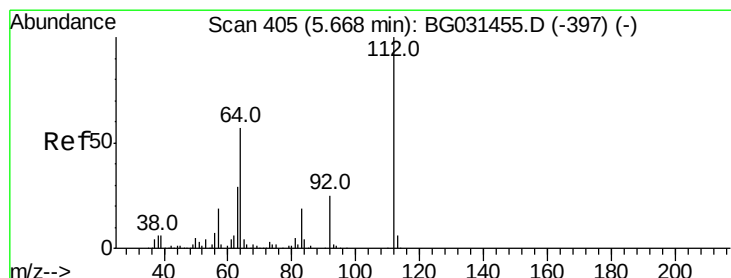
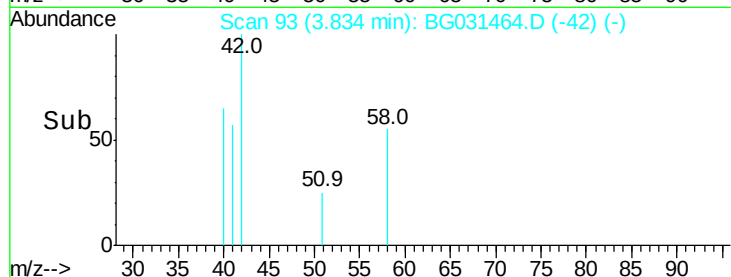
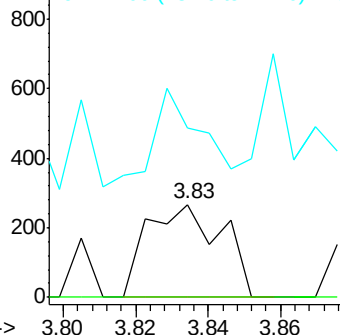
42 100

74 0.0 102.5 153.7#

44 182.8 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: 51.661 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

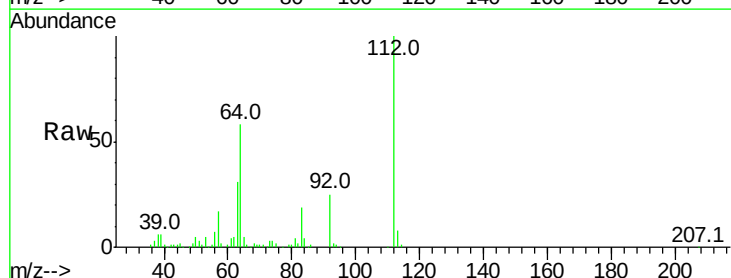
Tgt Ion: 112 Resp: 122537

Ion Ratio Lower Upper

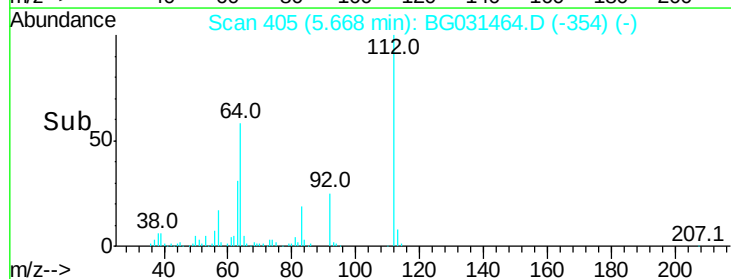
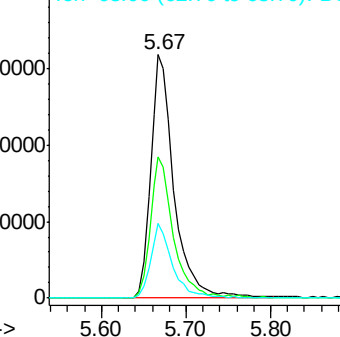
112 100

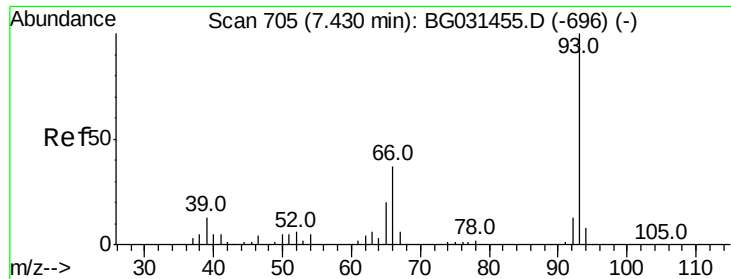
64 57.9 56.3 84.5

63 30.8 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: 0.013 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampled :

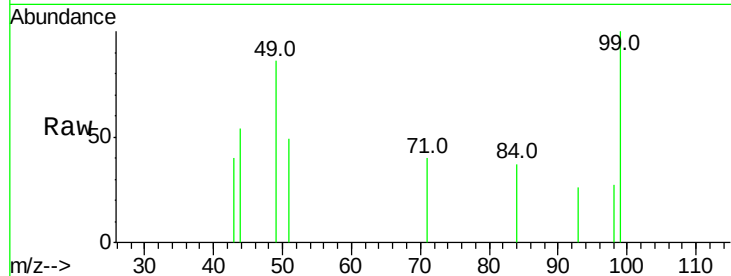
Tot Ion: 93 Resp: 55

Ion Ratio Lower Upper

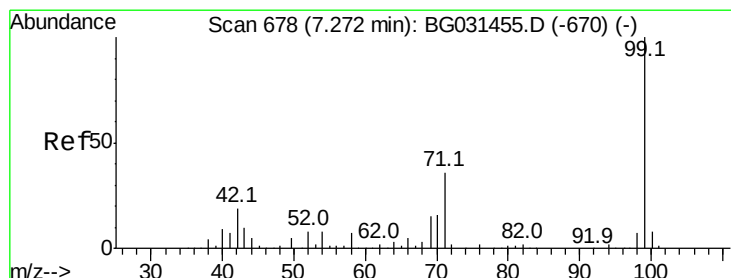
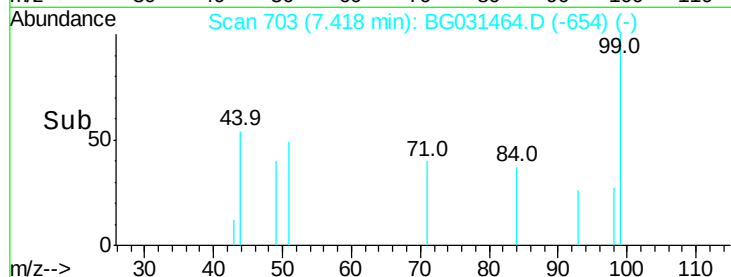
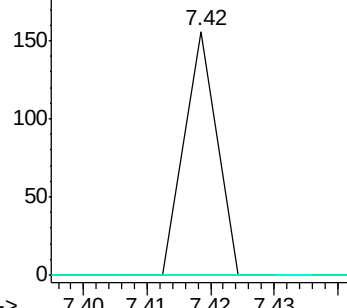
93 100

66 0.0 33.7 50.5#

65 0.0 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: 30.053 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

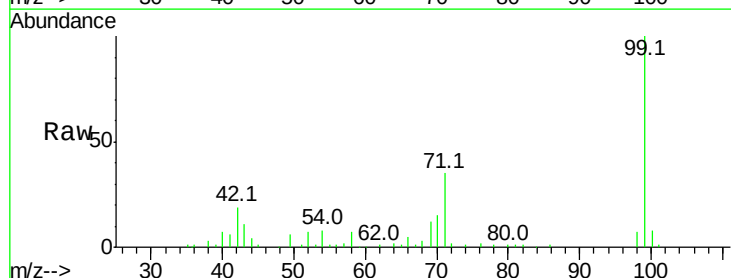
Tgt Ion: 99 Resp: 98958

Ion Ratio Lower Upper

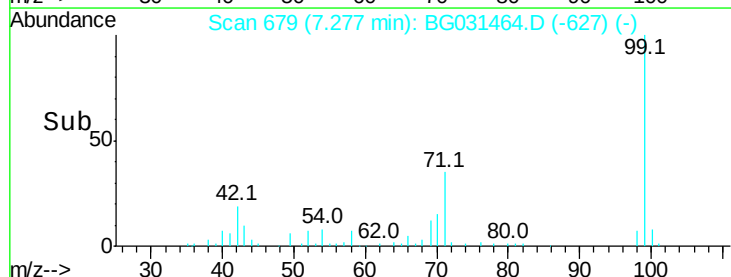
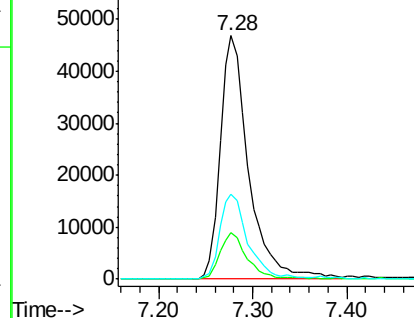
99 100

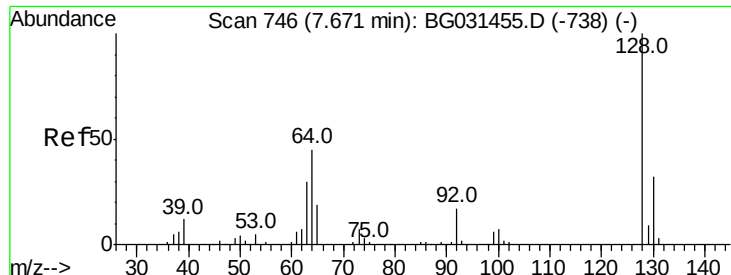
42 19.1 14.1 21.1

71 34.7 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: 0.022 ng

RT: 7.68 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

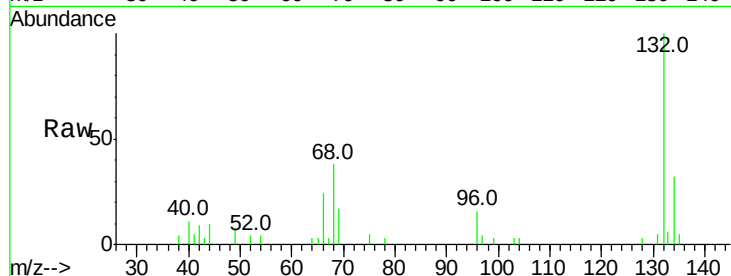
Tot Ion:128 Resp: 57

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

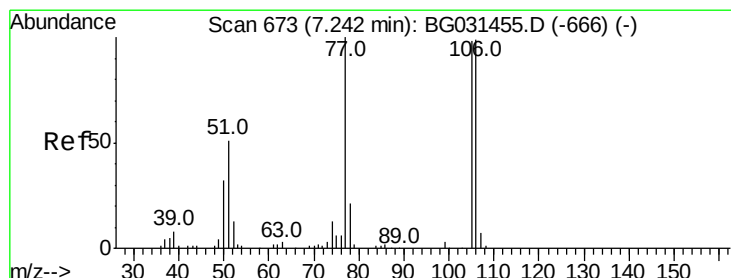
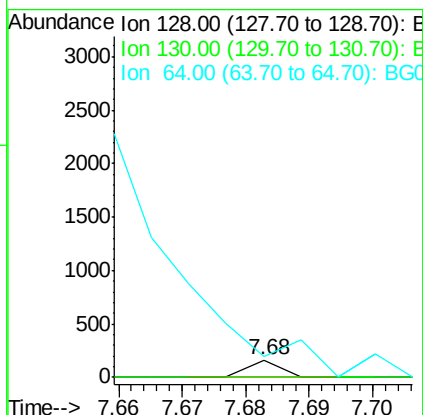
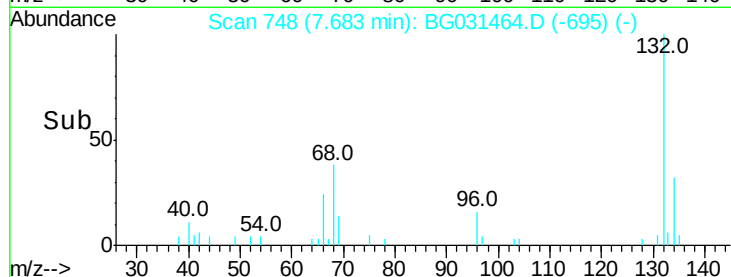
64 118.5 37.7 77.7#



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): BGC



#9

Benzaldehyde

Concen: 0.028 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.05 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

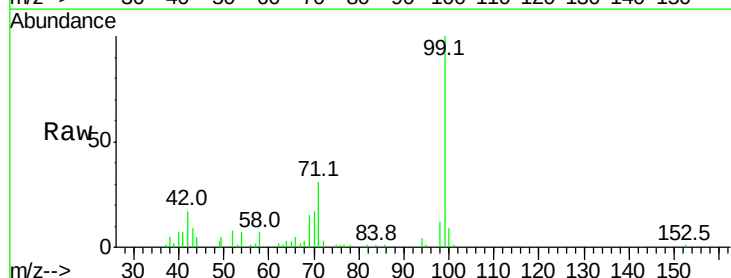
Tgt Ion: 77 Resp: 53

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

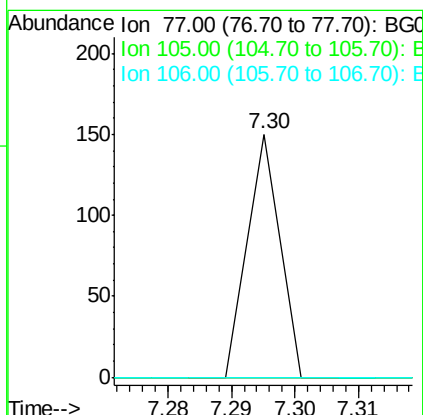
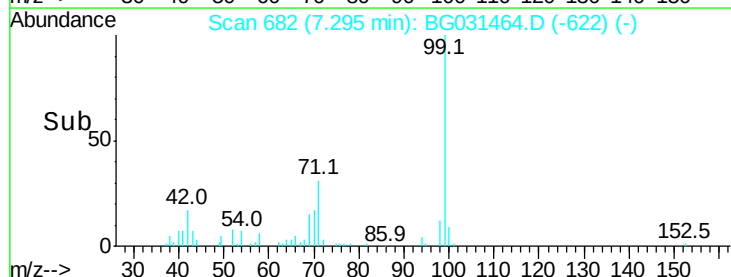
106 0.0 64.2 104.2#

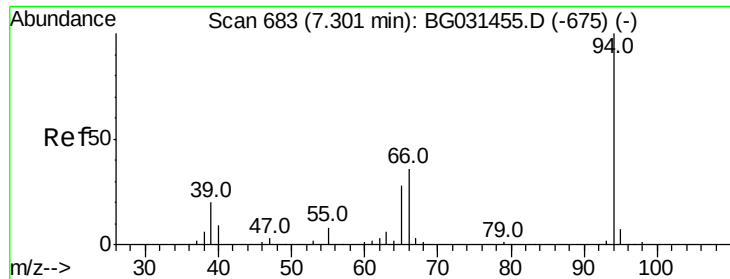


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.781 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampled :

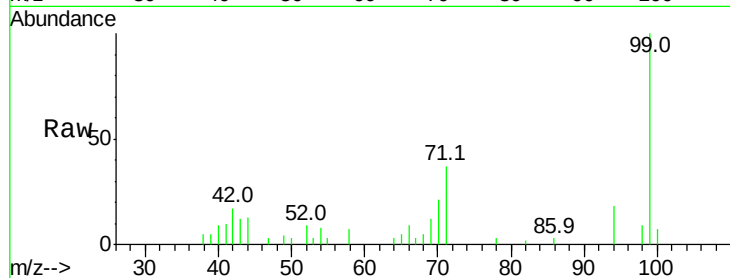
Tot Ion: 94 Resp: 2642

Ion Ratio Lower Upper

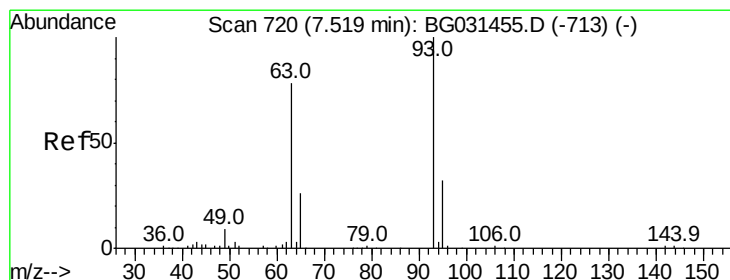
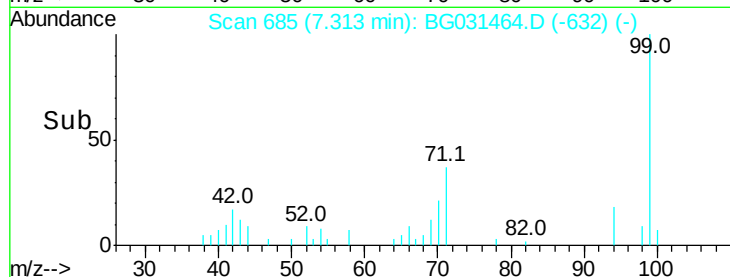
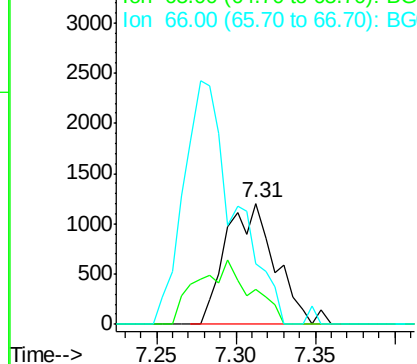
94 100

65 28.6 11.9 51.9

66 49.8 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: 0.032 ng

RT: 7.58 min Scan# 730

Delta R.T. 0.06 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

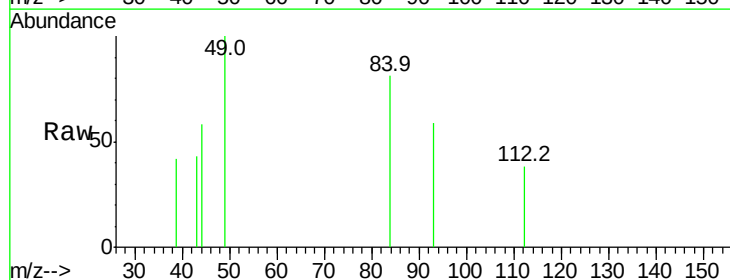
Tgt Ion: 93 Resp: 87

Ion Ratio Lower Upper

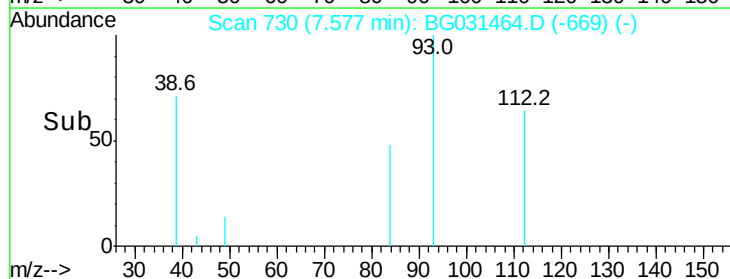
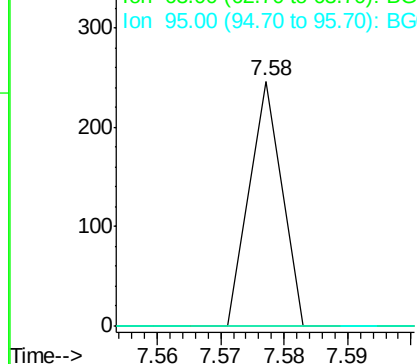
93 100

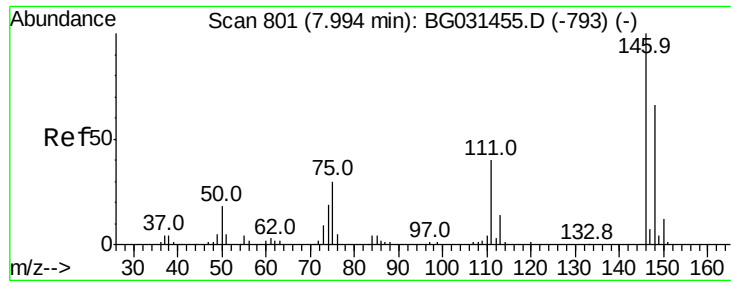
63 0.0 67.1 107.1#

95 0.0 11.5 51.5#



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





#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 8.11 min Scan# 820

Delta R.T. 0.11 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

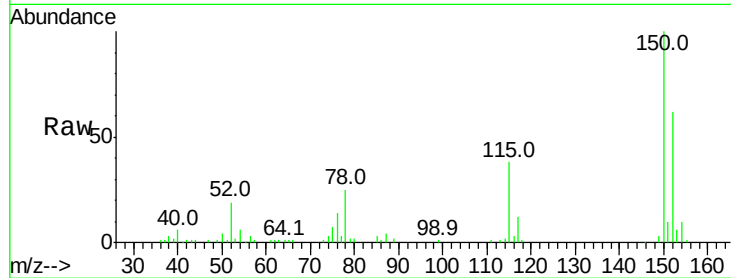
Tot Ion:146 Resp: 63

Ion Ratio Lower Upper

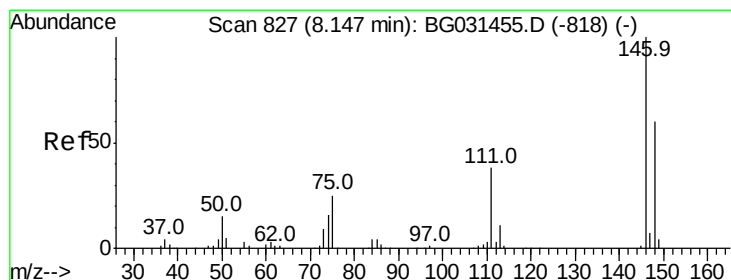
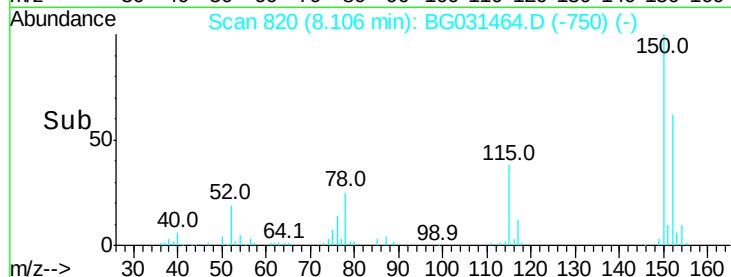
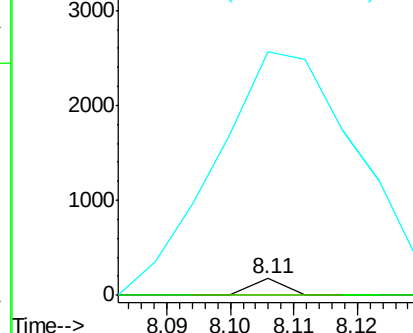
146 100

148 0.0 51.4 77.2#

75 1439.9 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 0.019 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.04 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

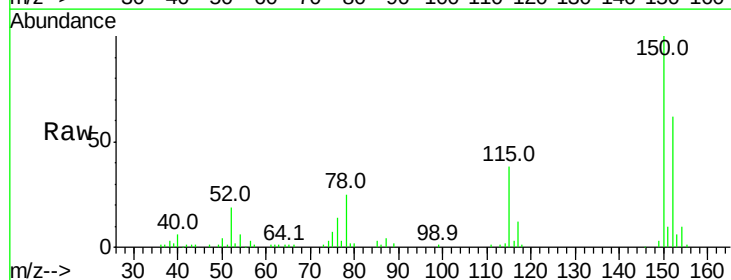
Tgt Ion:146 Resp: 63

Ion Ratio Lower Upper

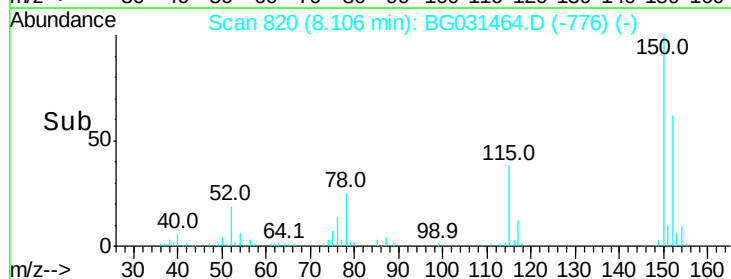
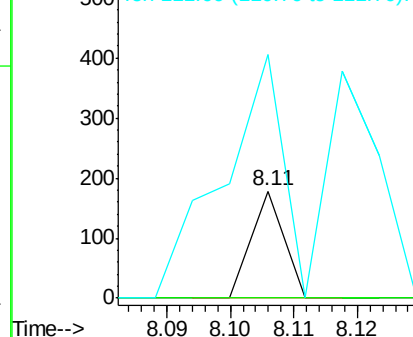
146 100

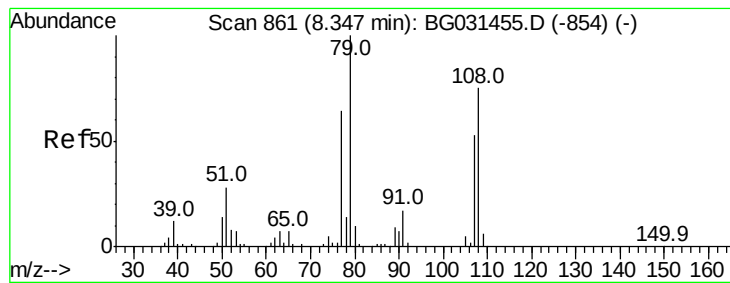
148 0.0 53.7 80.5#

111 228.1 35.2 52.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.08 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

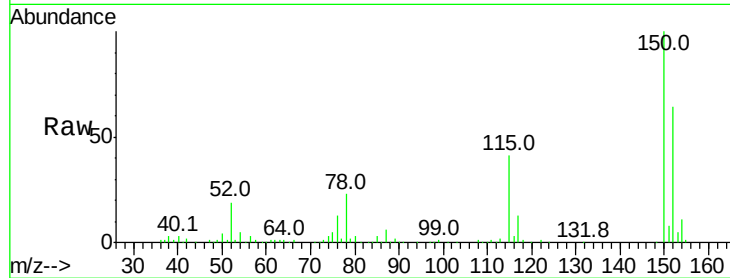
Tot Ion: 79 Resp: 5349

Ion Ratio Lower Upper

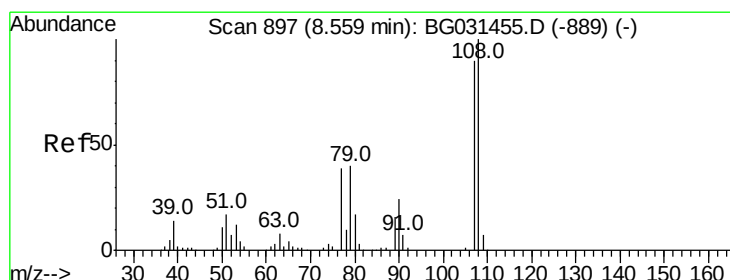
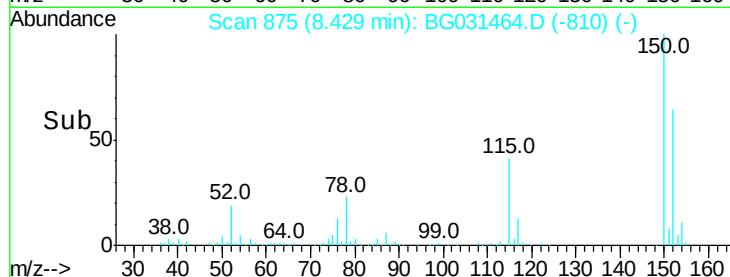
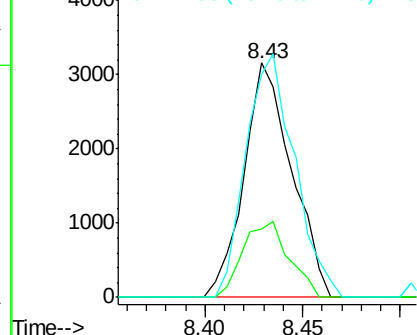
79 100

108 29.3 57.2 85.8#

77 95.4 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



#17

2-Methylphenol

Concen: 0.025 ng

RT: 8.44 min Scan# 877

Delta R.T. -0.12 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Tgt Ion: 107 Resp: 57

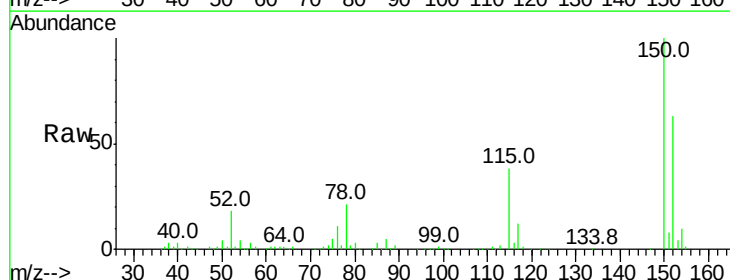
Ion Ratio Lower Upper

107 100

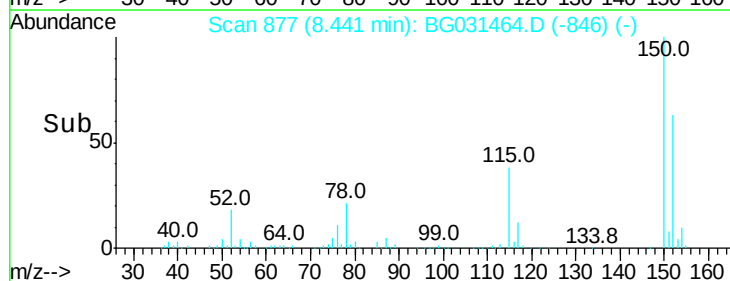
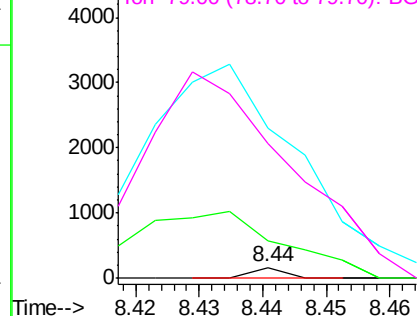
108 351.5 83.9 125.9#

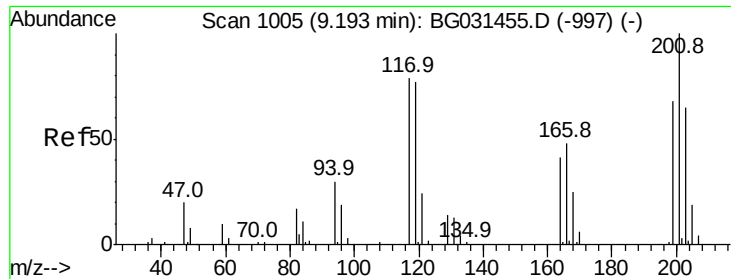
77 1411.7 37.2 55.8#

79 1260.7 36.2 54.2#



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

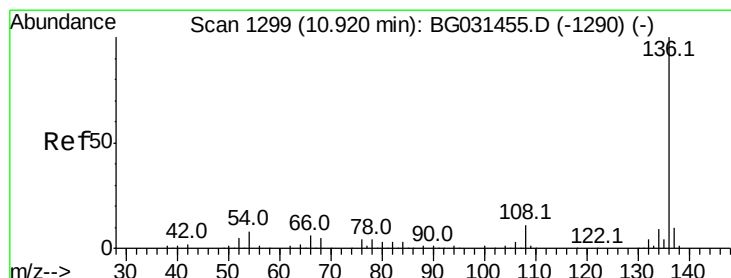
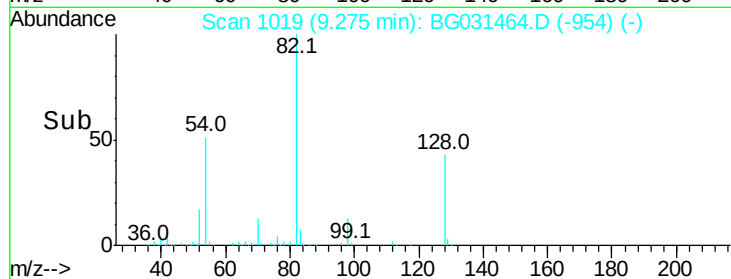
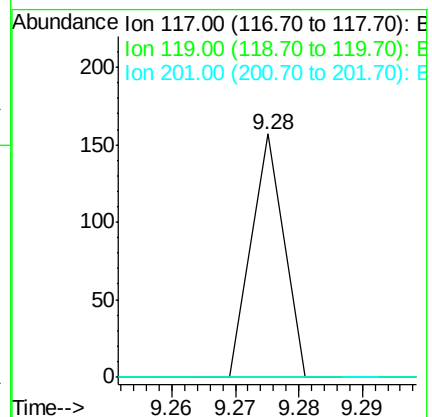
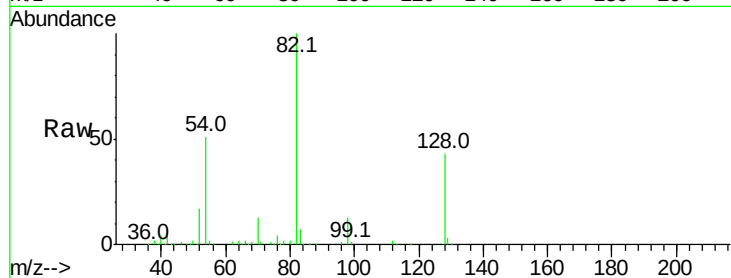




#18
Hexachloroethane
Concen: 0.050 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.08 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

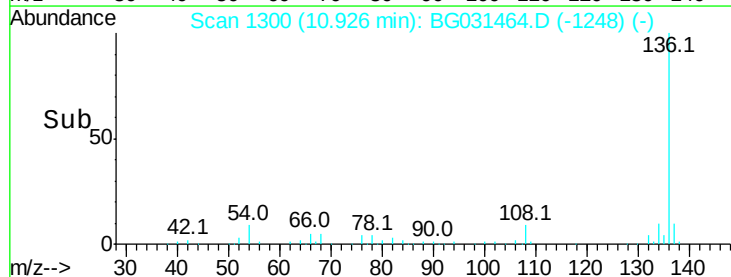
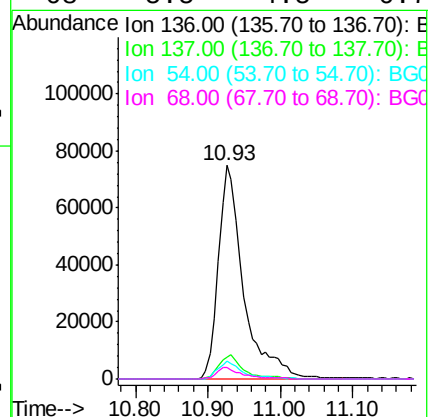
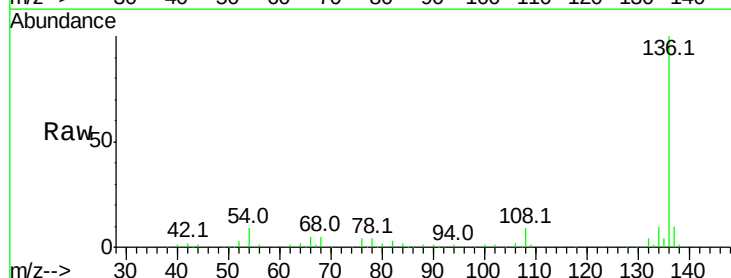
Instrument :
BNA_G
ClientSampleId :

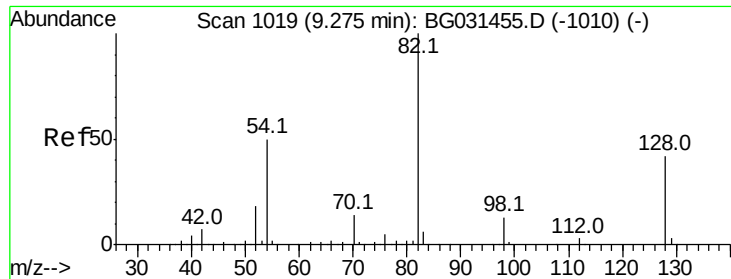
Tot Ion:117 Resp: 55
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Tgt Ion:136 Resp: 181608
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 8.6 10.3 15.5#
68 5.5 4.5 6.7

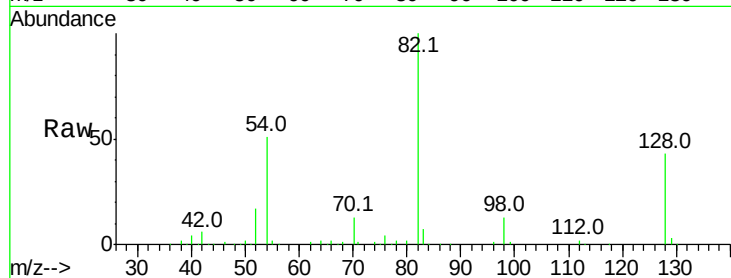




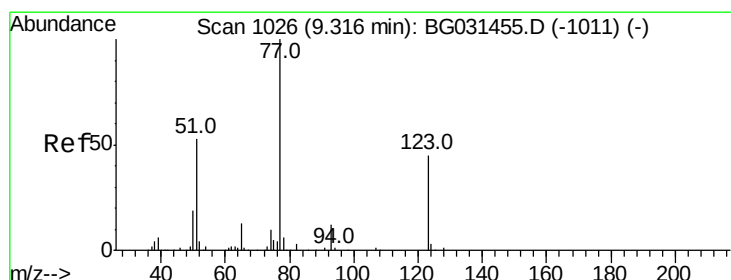
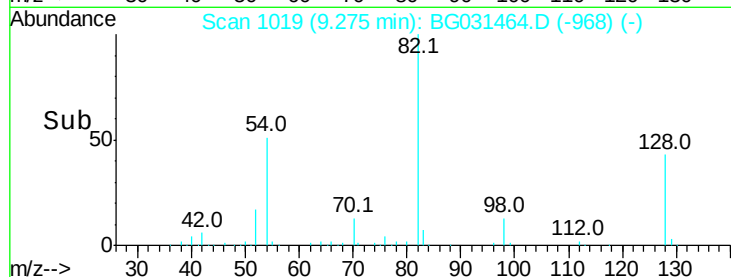
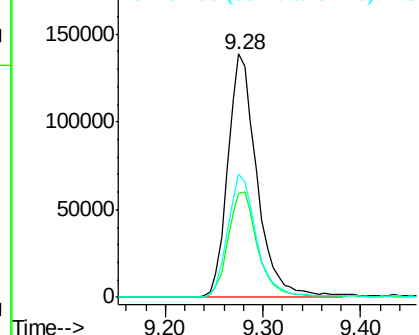
#23
 Nitrobenzene-d5
 Concen: 97.672 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.7	44.5
54	50.5	43.1	64.7

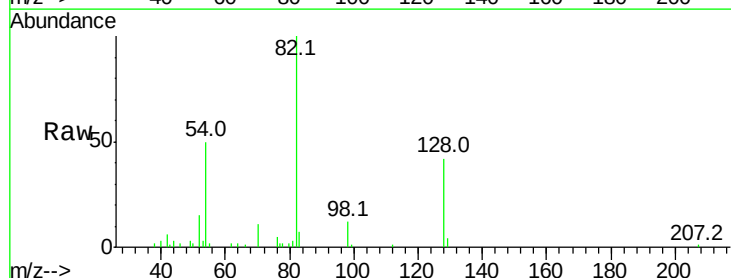


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

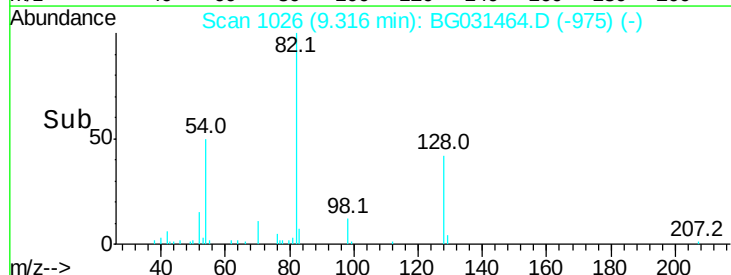
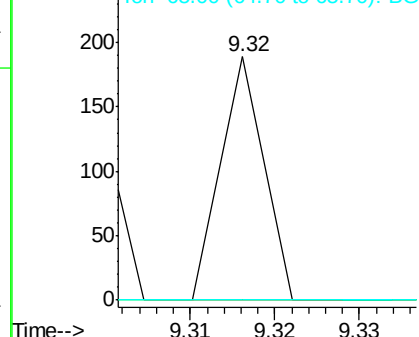


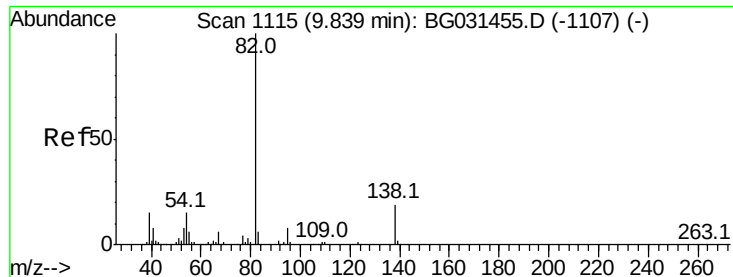
#24
 Nitrobenzene
 Concen: 0.022 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	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: 0.011 ng

RT: 9.85 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

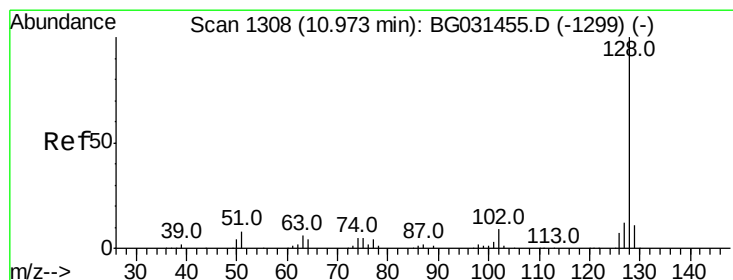
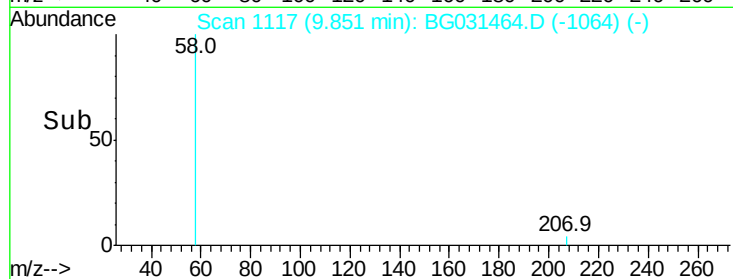
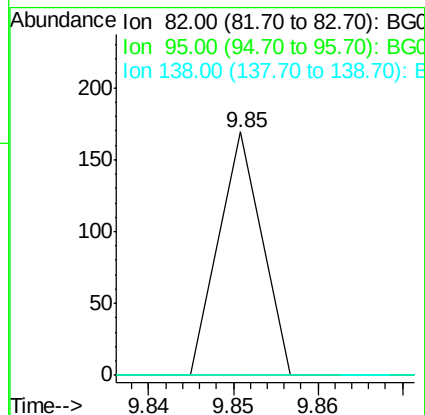
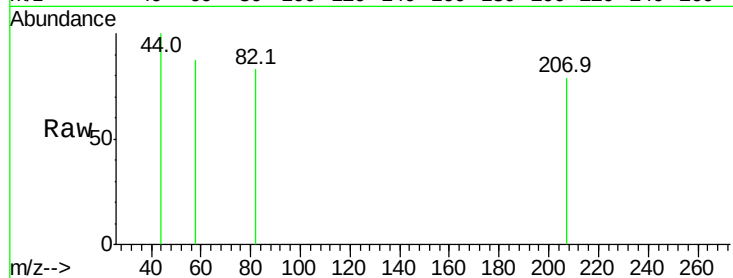
Tot Ion: 82 Resp: 60

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#31

Naphthalene

Concen: 0.006 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.05 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

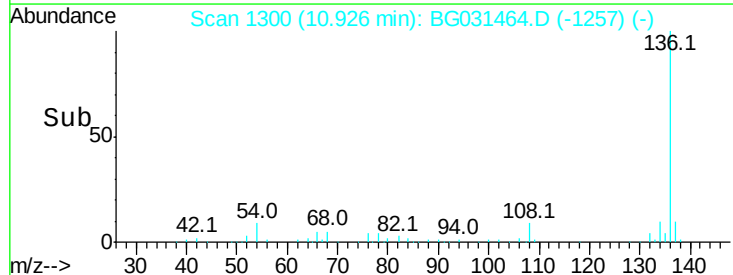
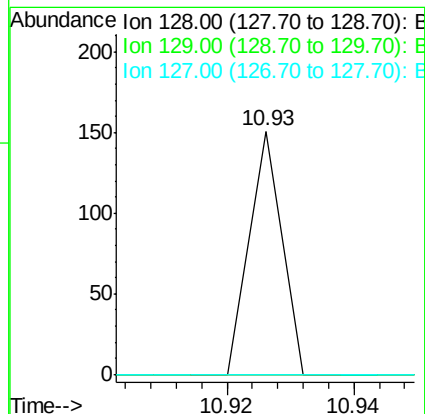
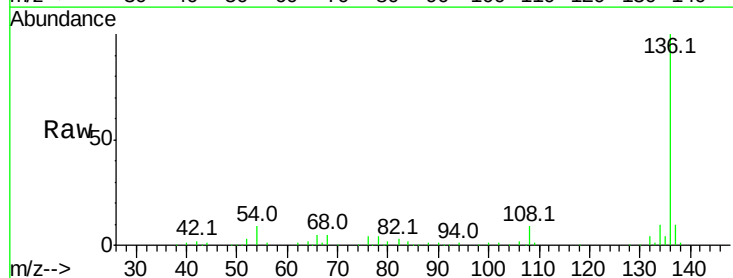
Tgt Ion: 128 Resp: 53

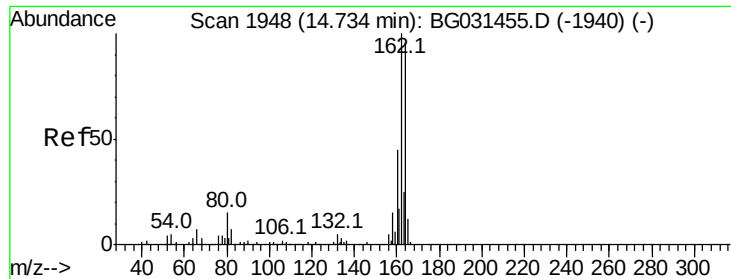
Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#

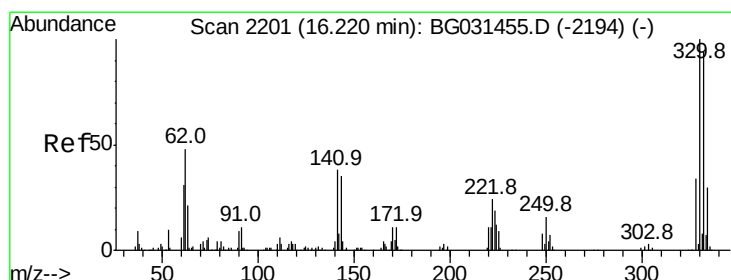
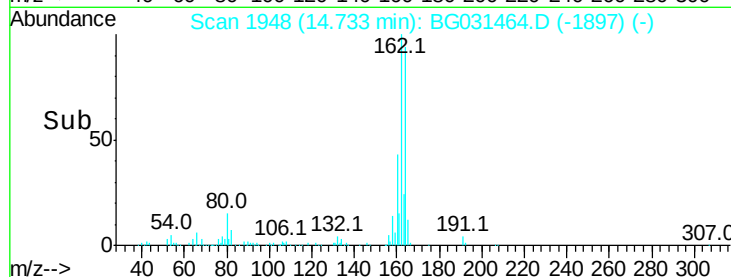
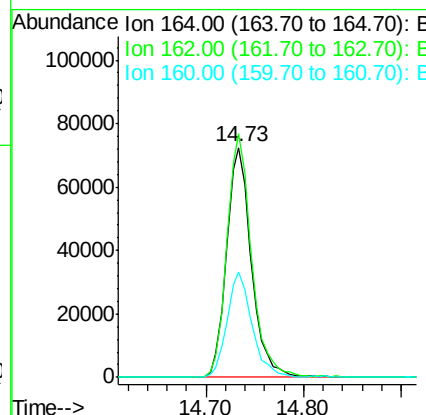
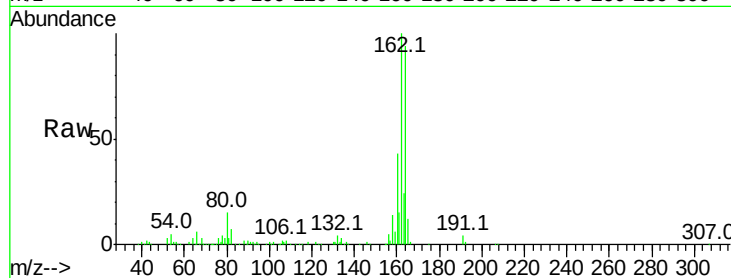




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

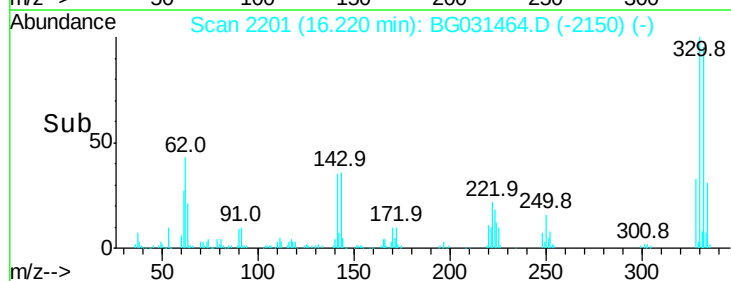
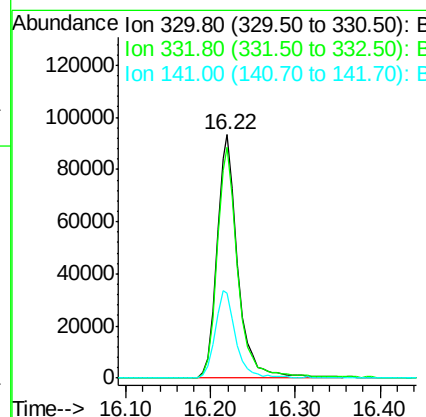
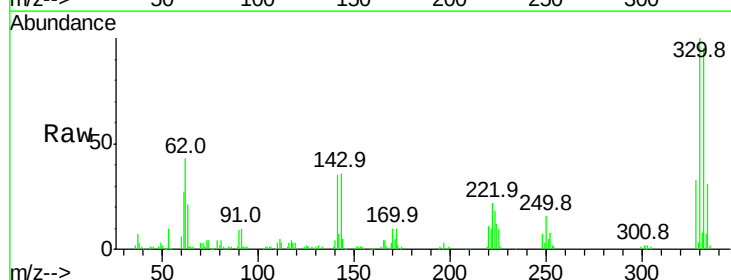
Instrument :
 BNA_G
 ClientSampleId :

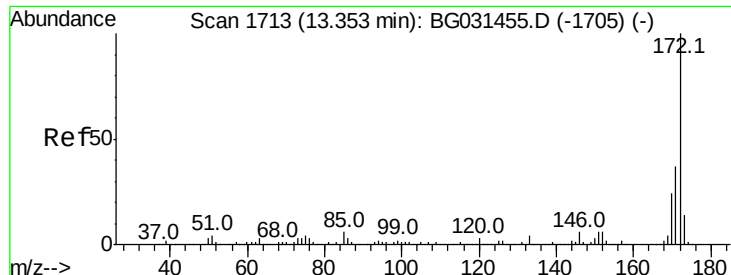
Tot Ion:164 Resp: 127418
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.8 118.2
 160 45.8 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 107.953 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:330 Resp: 161148
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 36.0 25.2 37.8

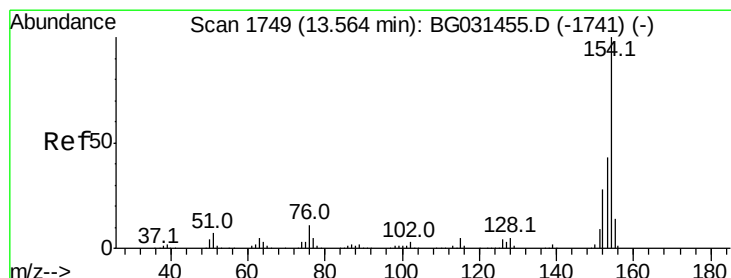
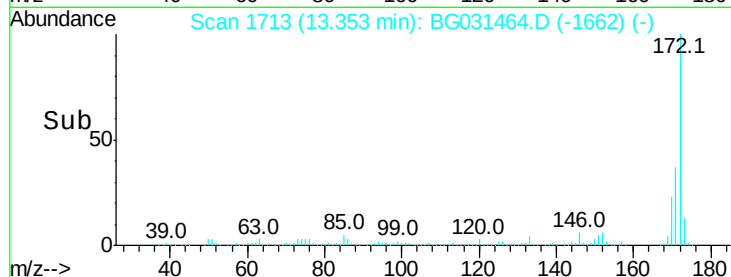
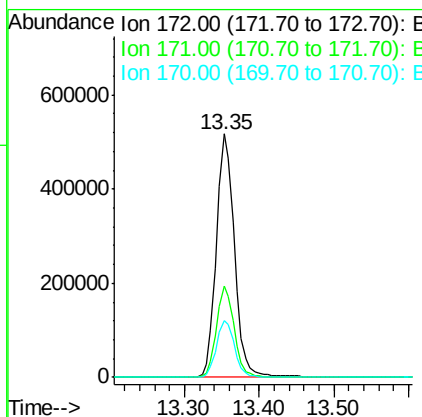
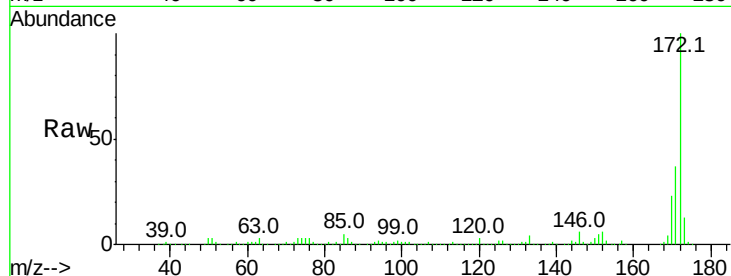




#44
2-Fluorobiphenyl
Concen: 100.450 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

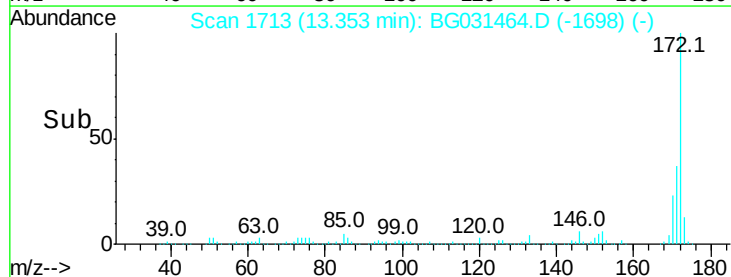
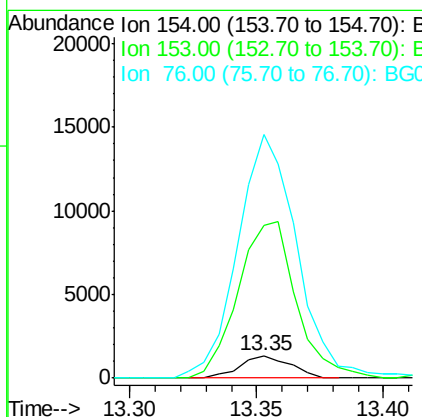
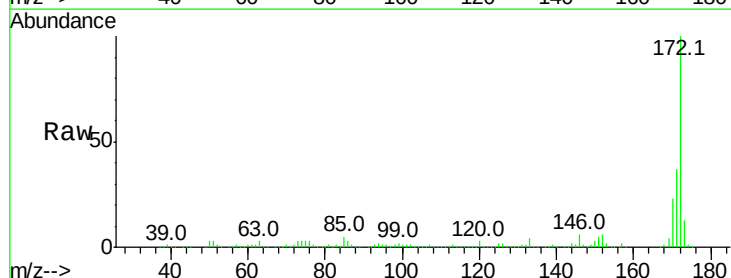
Instrument :
BNA_G
ClientSampleId :

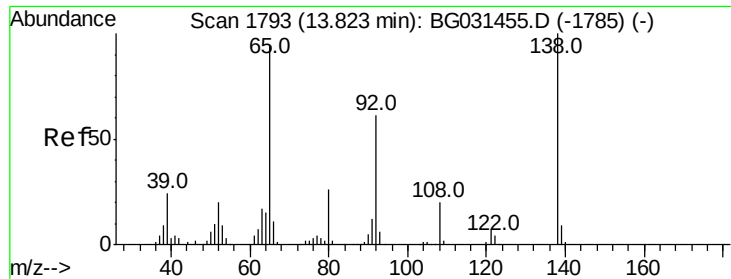
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.1	19.5	29.3



#45
1,1'-Biphenyl
Concen: 0.177 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.21 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	679.0	19.8	59.8#
76	1082.2	0.0	31.9#

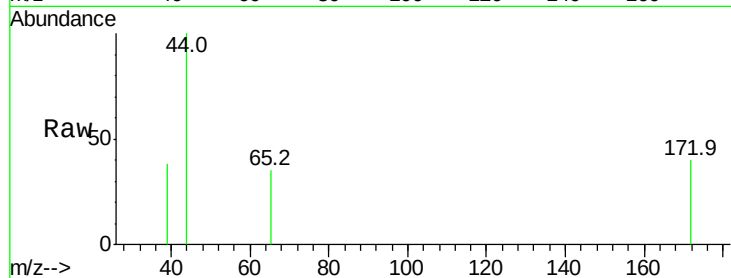




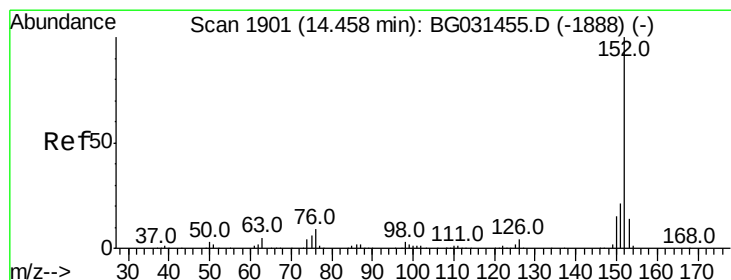
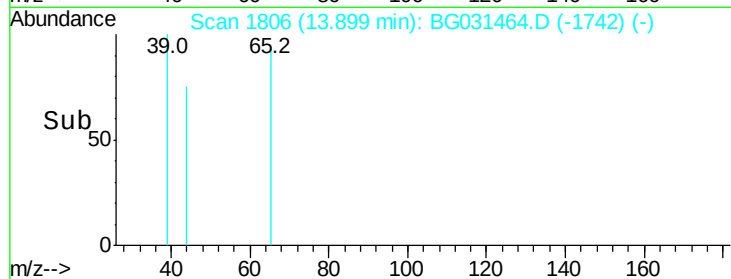
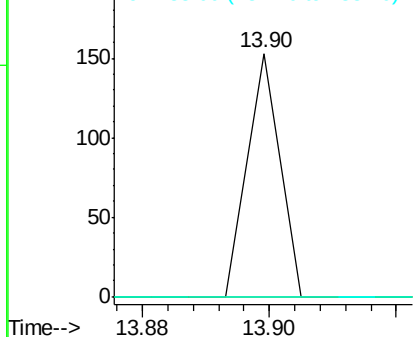
#47
2-Nitroaniline
Concen: 0.025 ng
RT: 13.90 min Scan# 1806
Delta R.T. 0.08 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#

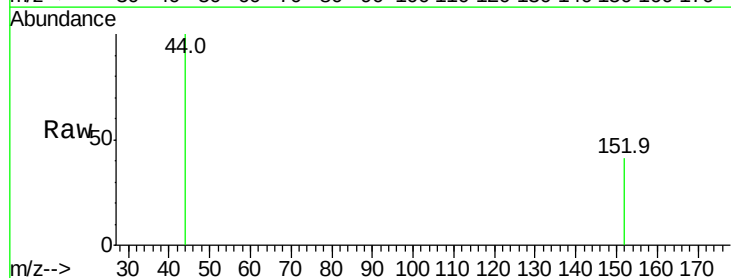


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

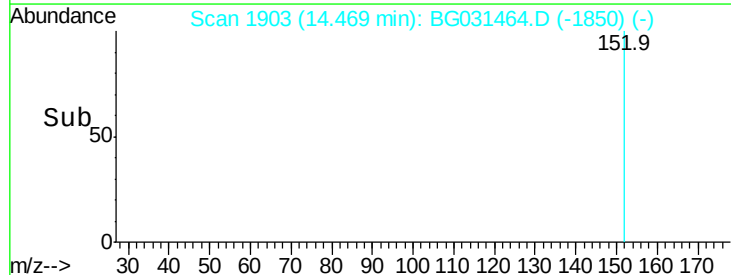
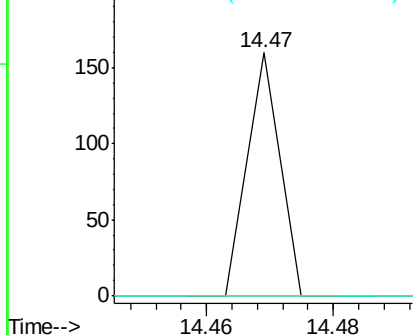


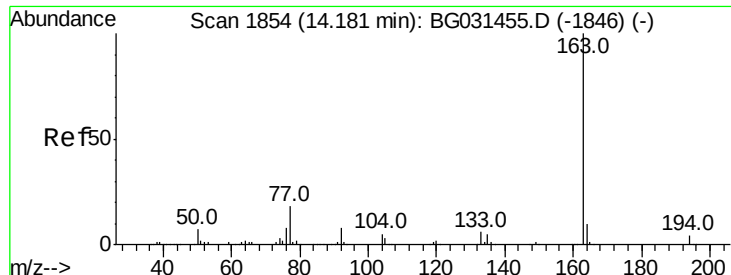
#48
Acenaphthylene
Concen: 0.005 ng
RT: 14.47 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 152 Resp: 56
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





#49

Dimethylphthalate

Concen: 0.289 ng

RT: 14.21 min Scan# 1859

Delta R.T. 0.03 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

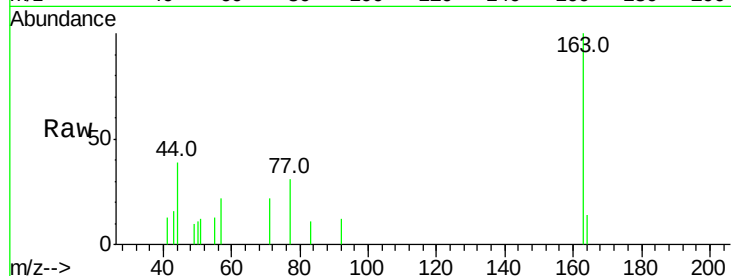
Tot Ion:163 Resp: 3045

Ion Ratio Lower Upper

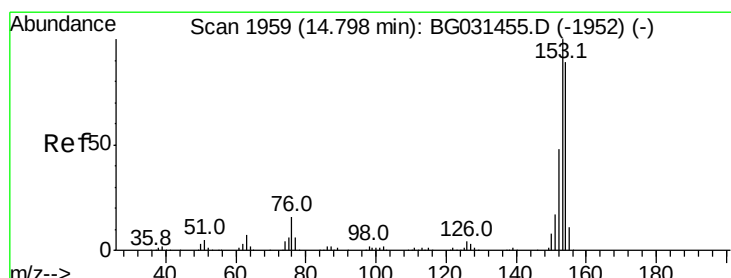
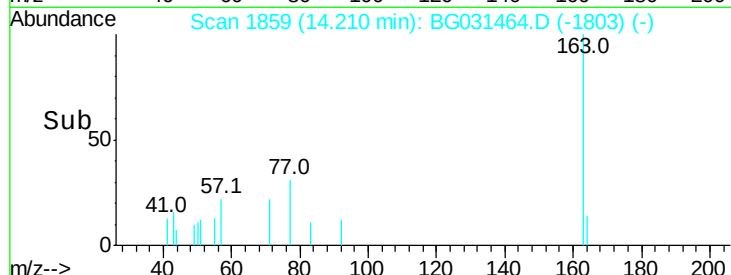
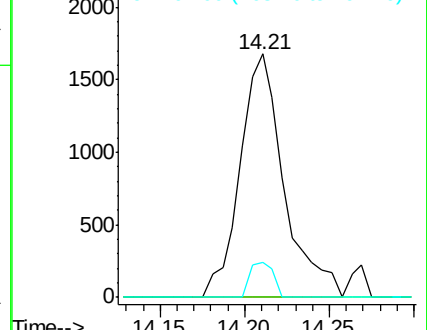
163 100

194 0.0 3.4 5.2#

164 14.1 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 0.010 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

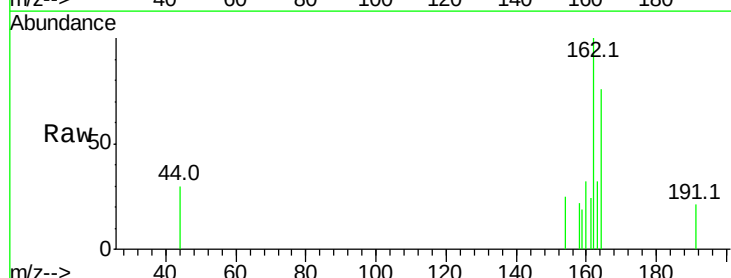
Tgt Ion:154 Resp: 78

Ion Ratio Lower Upper

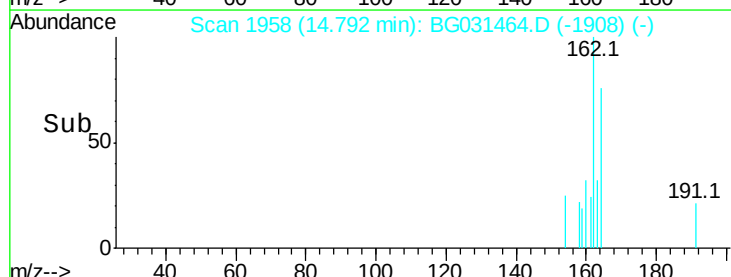
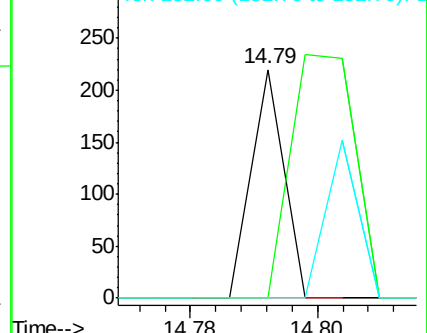
154 100

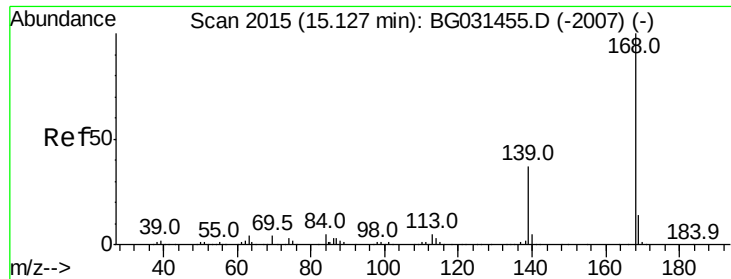
153 0.0 90.4 135.6#

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





#54

Dibenzofuran

Concen: 0.010 ng

RT: 15.16 min Scan# 2021

Delta R.T. 0.03 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampled :

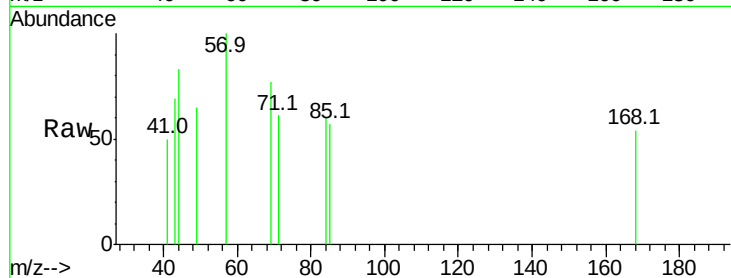
Tot Ion:168 Resp: 121

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

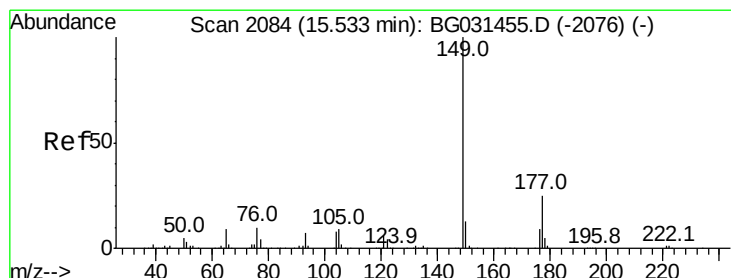
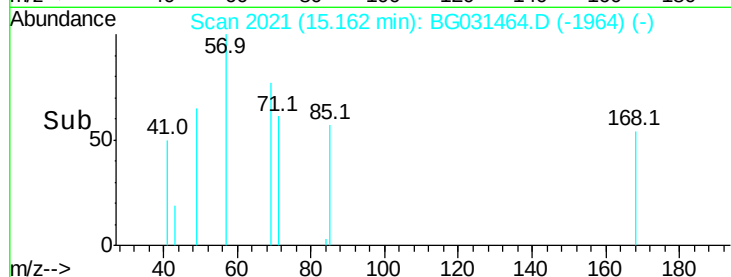
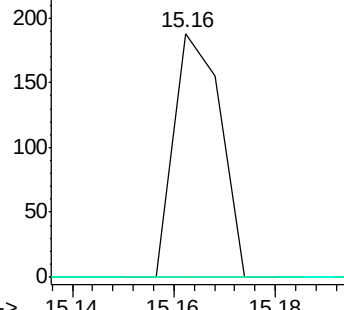
169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#59

Diethylphthalate

Concen: 0.153 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

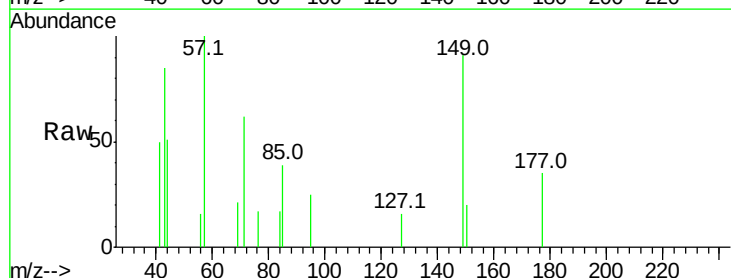
Tgt Ion:149 Resp: 1620

Ion Ratio Lower Upper

149 100

177 38.6 18.5 27.7#

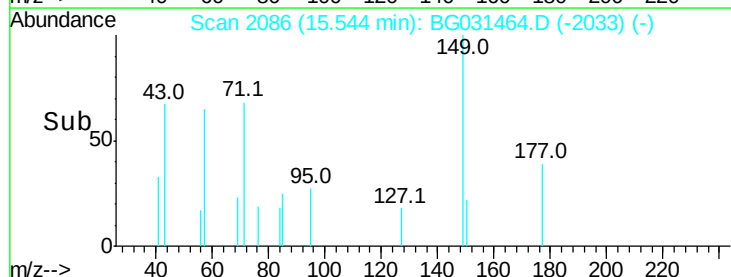
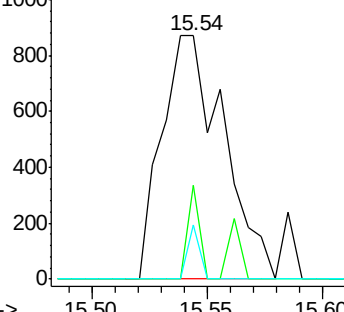
150 22.0 10.2 15.2#

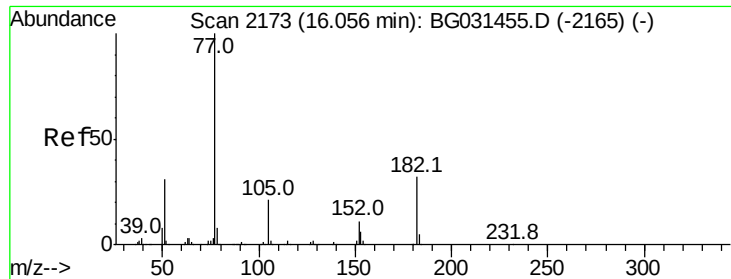


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.085 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.16 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 744

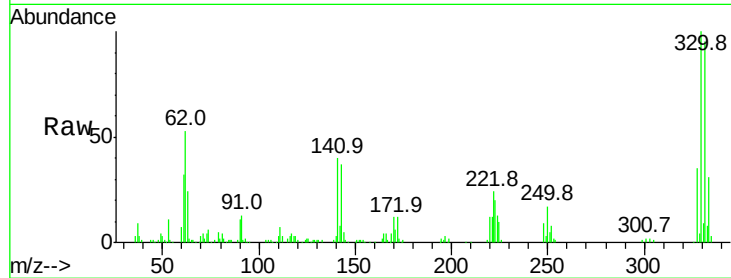
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 94.3 0.3 40.3#

51 111.4 11.6 51.6#

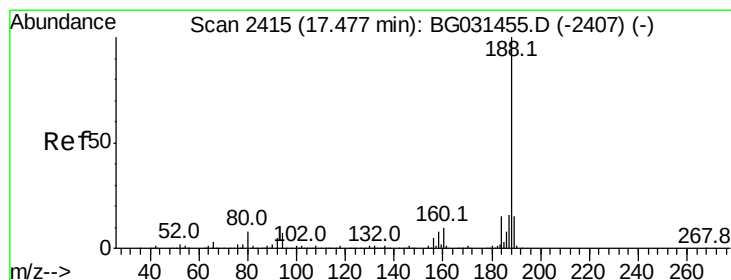
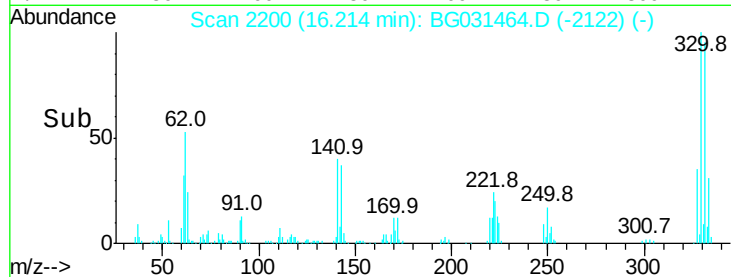
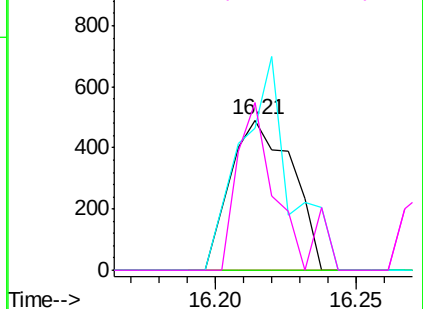


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

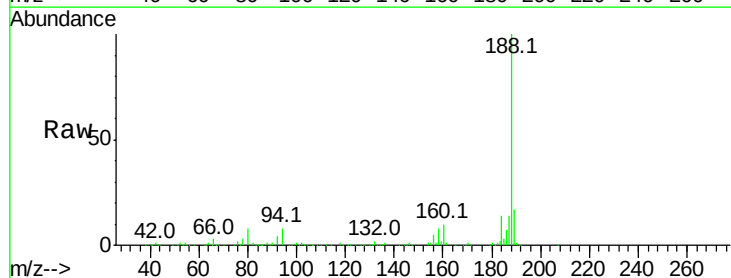
Tgt Ion: 188 Resp: 357886

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

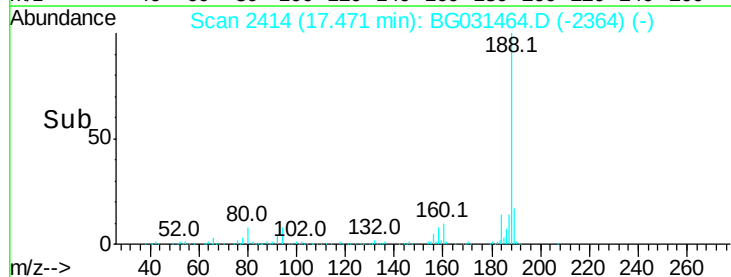
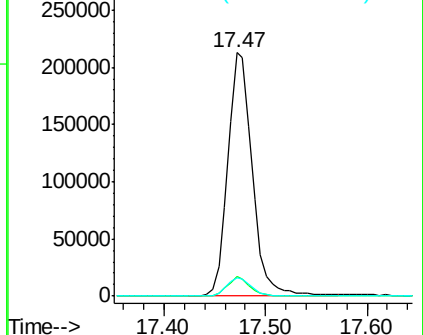
80 7.6 7.7 11.5#

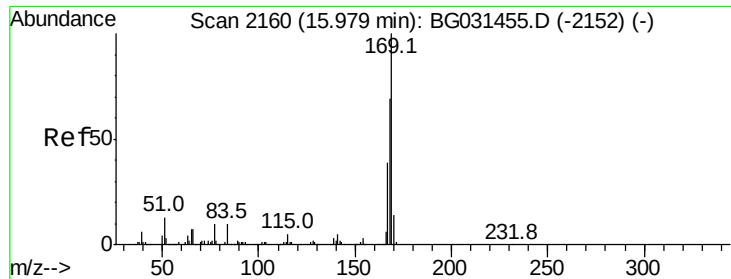


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

n-Nitrosodiphenylamine

Concen: 0.516 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.23 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

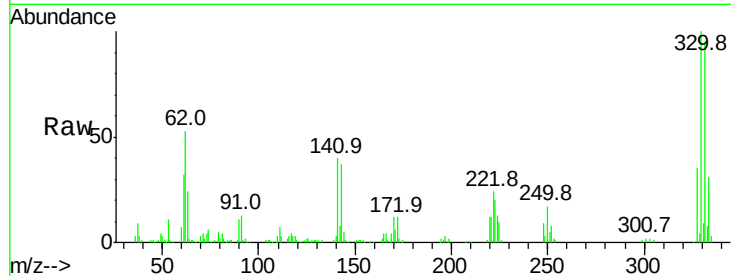
Tot Ion:169 Resp: 5407

Ion Ratio Lower Upper

169 100

168 7.6 55.7 83.5#

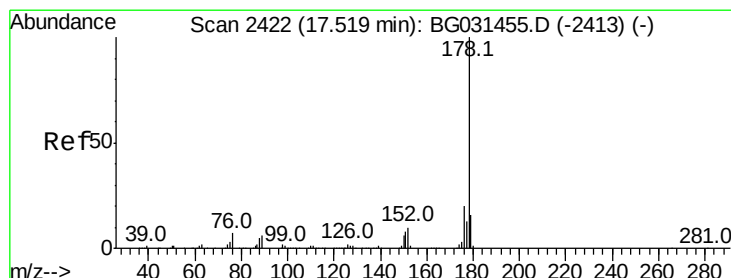
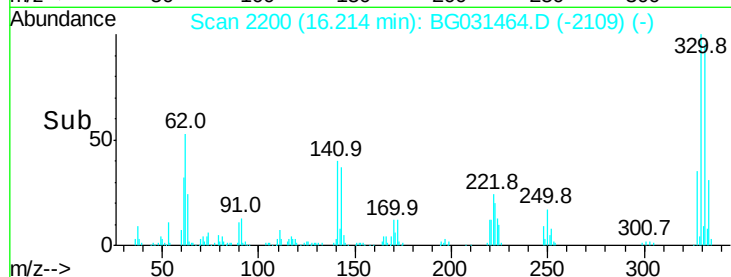
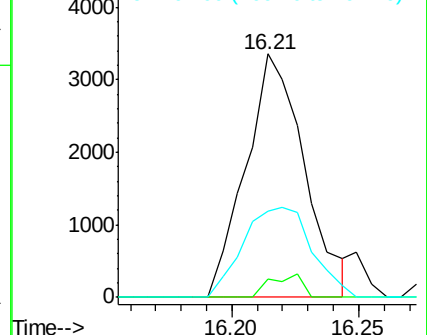
167 35.4 30.1 45.1



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



#70

Phenanthrene

Concen: 0.029 ng

RT: 17.52 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

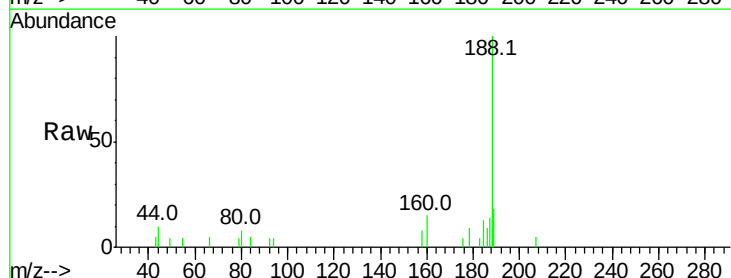
Tgt Ion:178 Resp: 538

Ion Ratio Lower Upper

178 100

176 40.9 15.7 23.5#

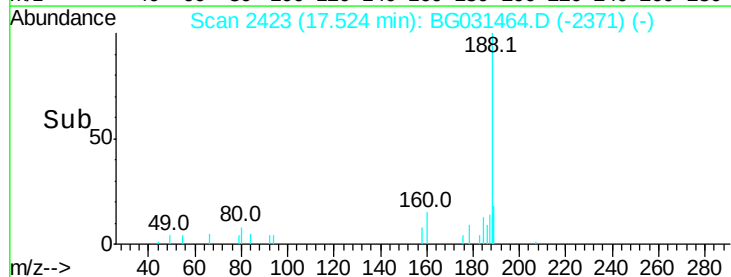
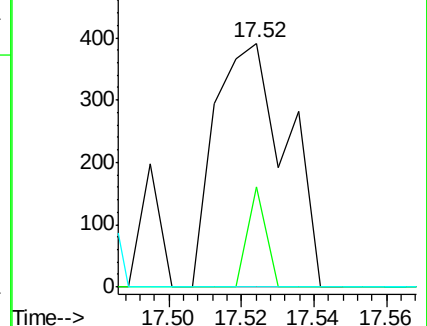
179 0.0 12.5 18.7#

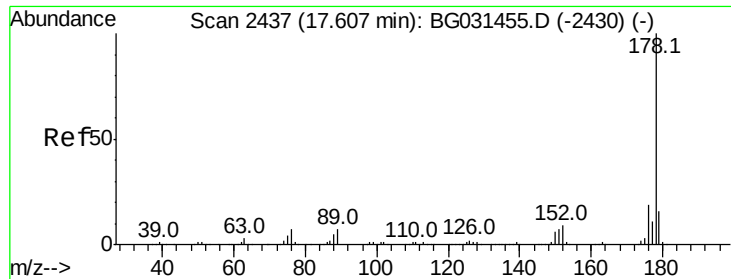


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

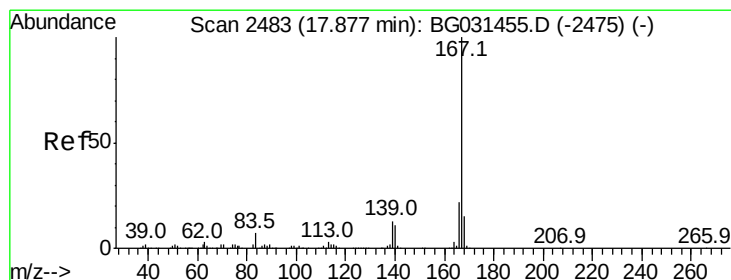
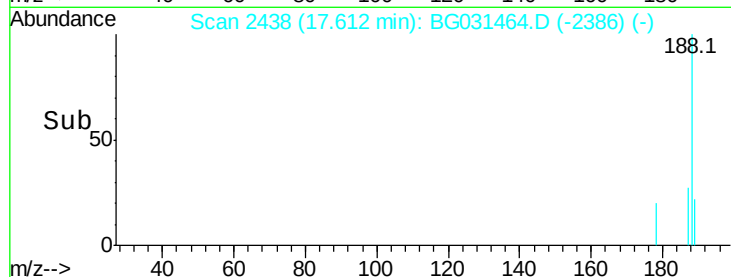
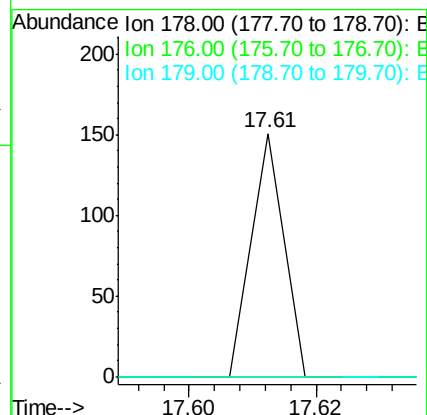
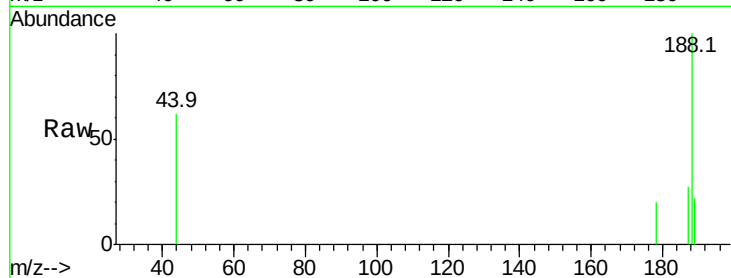




#71
 Anthracene
 Concen: 0.003 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. 0.01 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

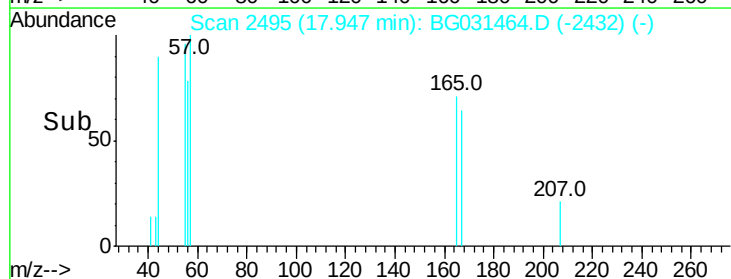
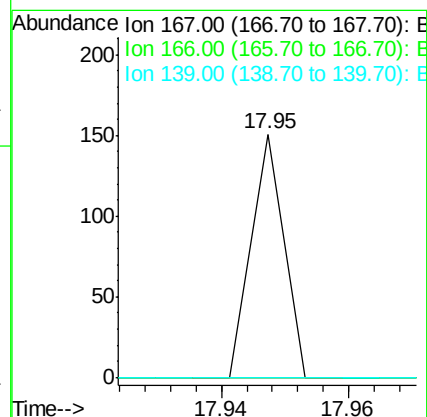
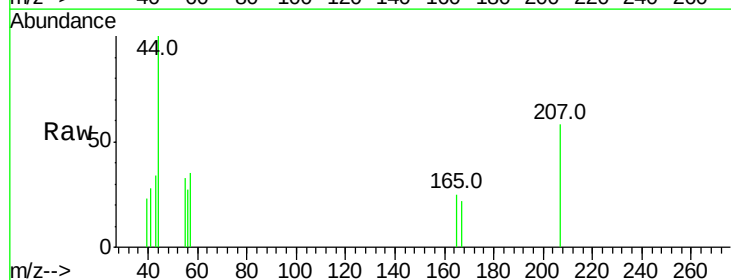
Instrument :
 BNA_G
 ClientSampleId :

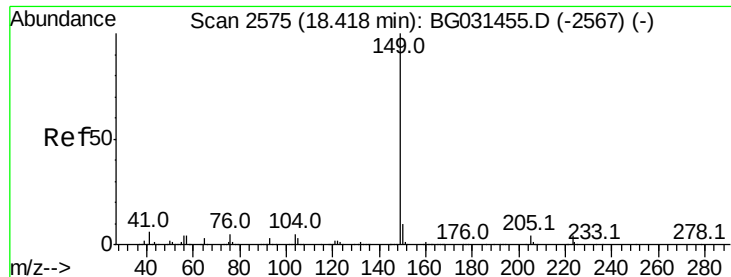
Tot Ion:178 Resp: 53
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.003 ng
 RT: 17.95 min Scan# 2495
 Delta R.T. 0.07 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:167 Resp: 53
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.307 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

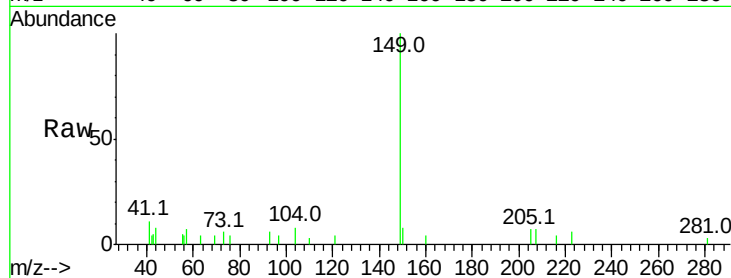
Tot Ion:149 Resp: 5928

Ion Ratio Lower Upper

149 100

150 8.3 7.8 11.6

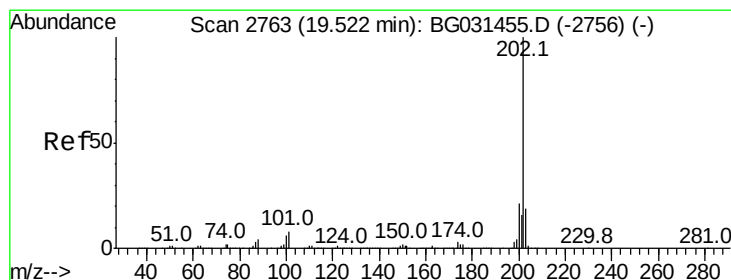
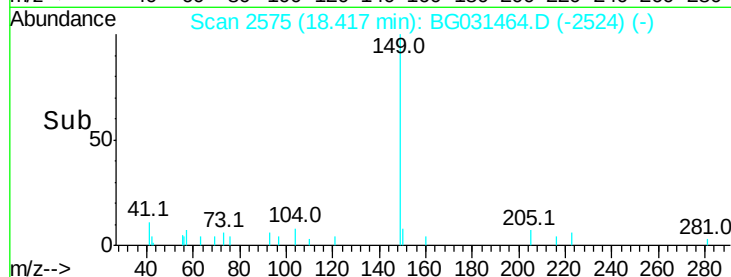
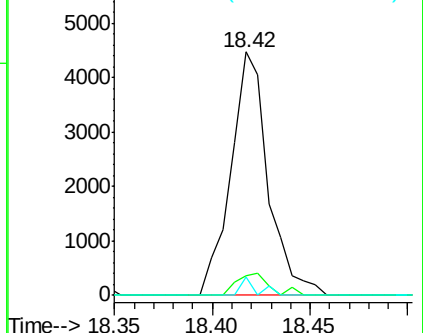
104 7.6 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.073 ng

RT: 19.53 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

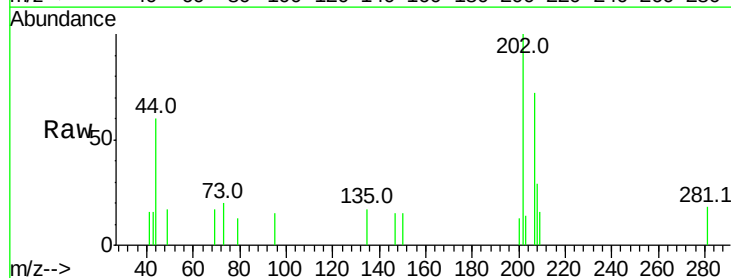
Tgt Ion:202 Resp: 1719

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

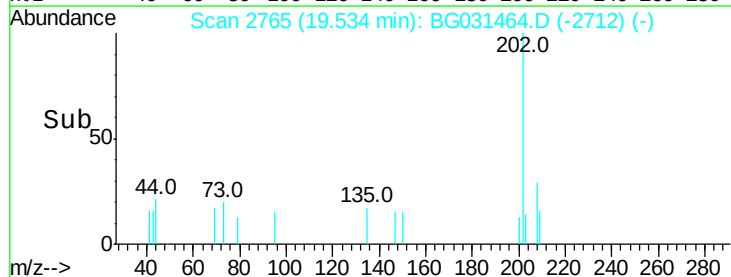
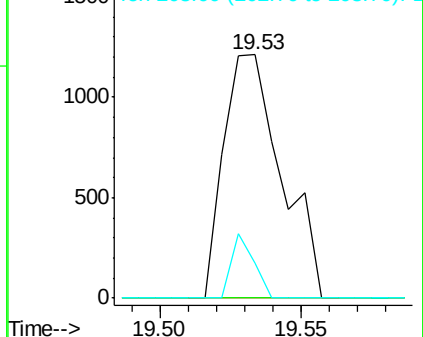
203 14.4 0.0 37.5

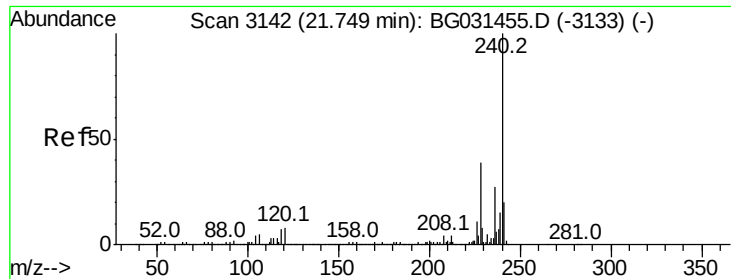


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

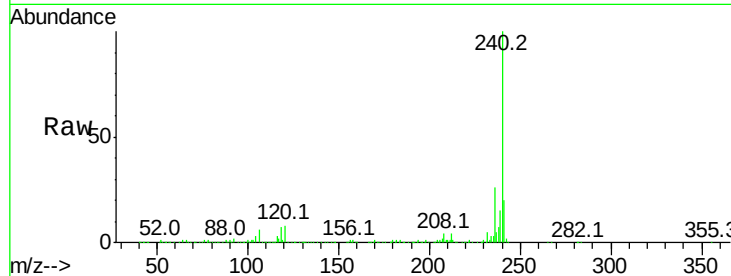
Tot Ion:240 Resp: 424948

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

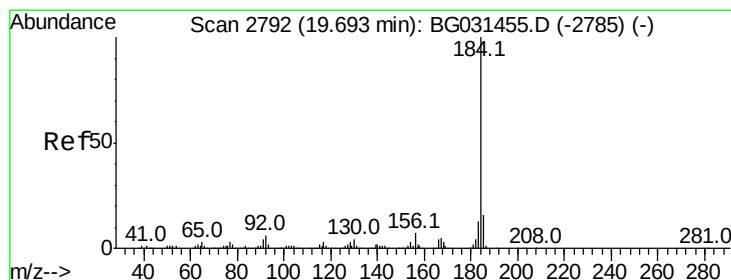
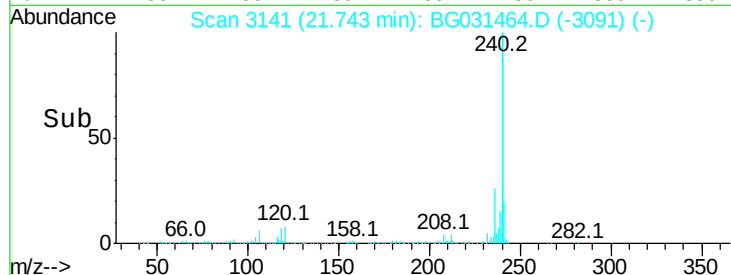
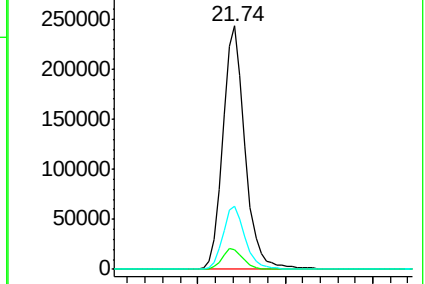
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.006 ng

RT: 19.79 min Scan# 2809

Delta R.T. 0.10 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

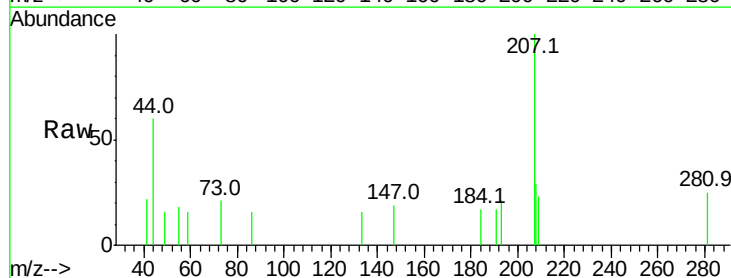
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

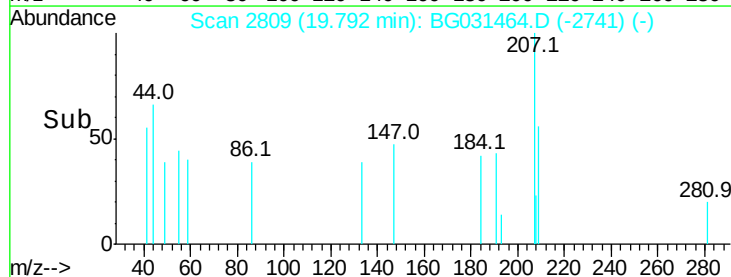
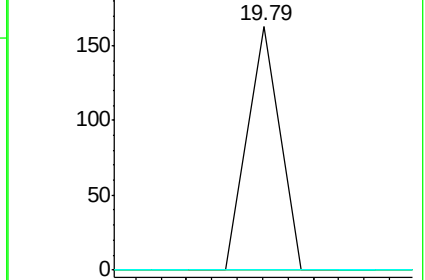
183 0.0 10.6 16.0#

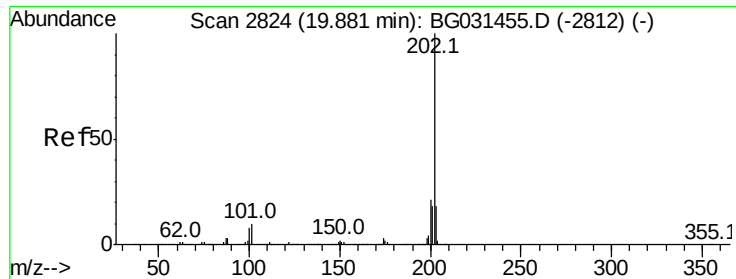


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.071 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

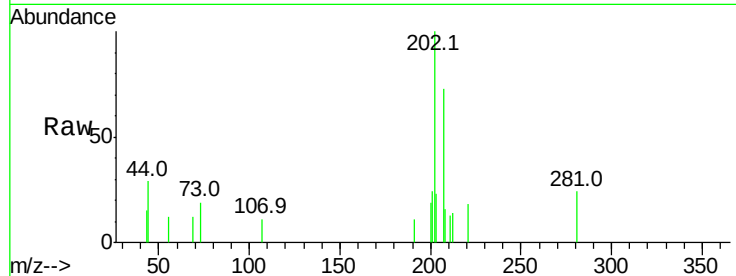
Tot Ion:202 Resp: 1884

Ion Ratio Lower Upper

202 100

200 19.1 16.9 25.3

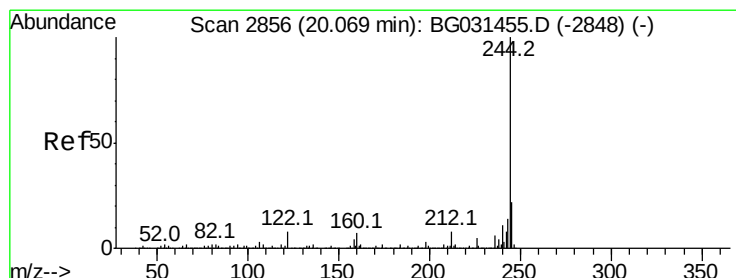
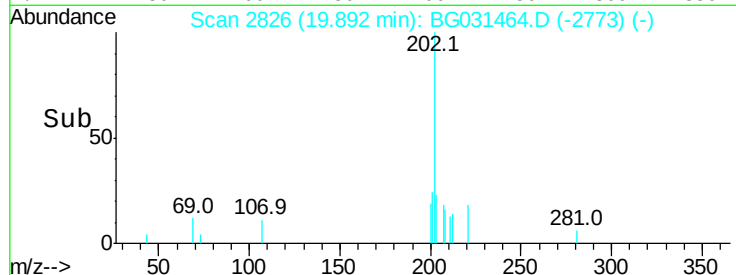
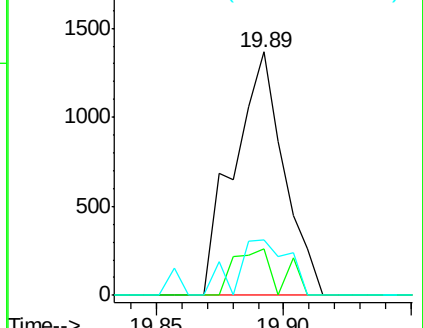
203 22.6 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.171 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

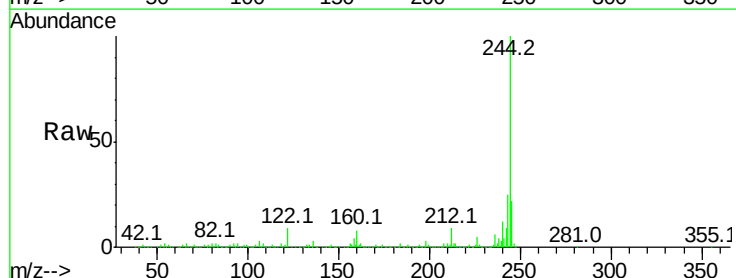
Tgt Ion:244 Resp: 1665502

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

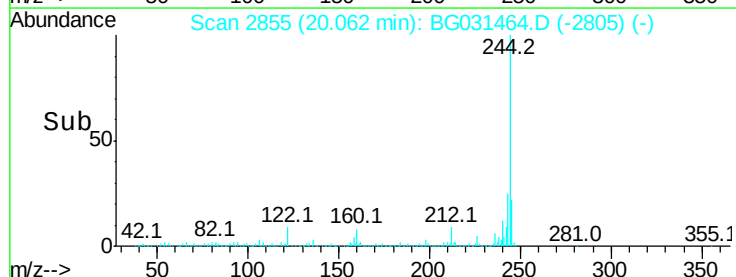
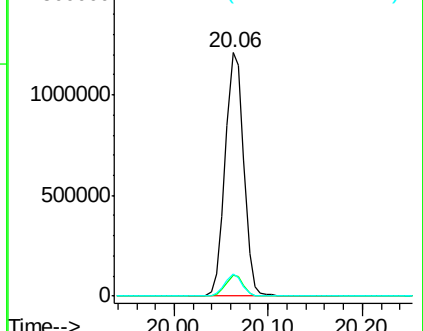
122 8.9 7.0 10.4

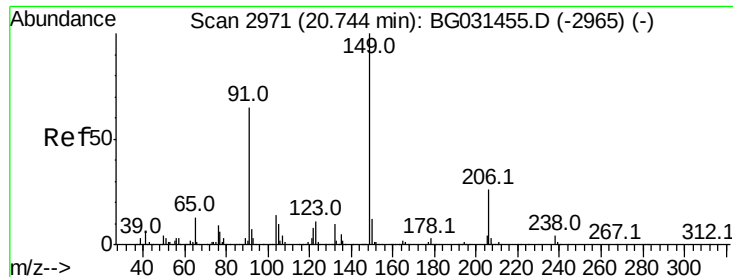


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

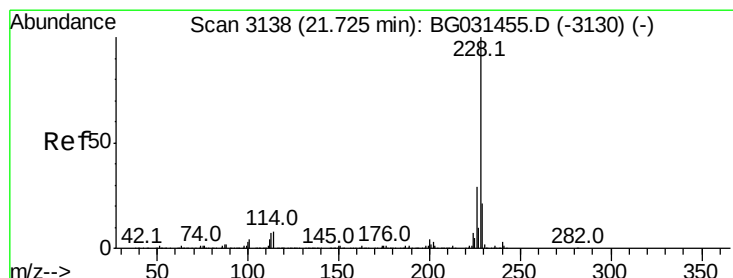
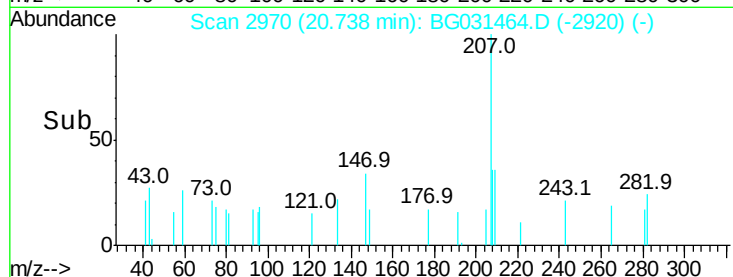
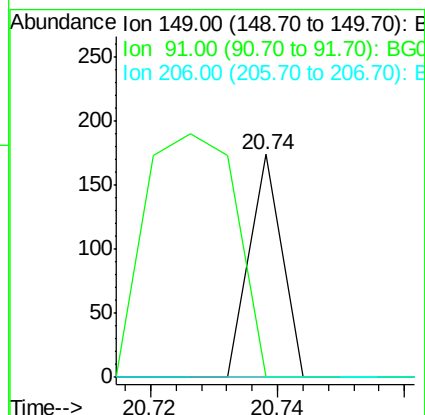
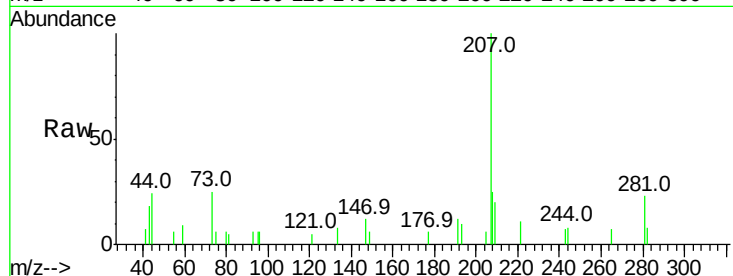




#79
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

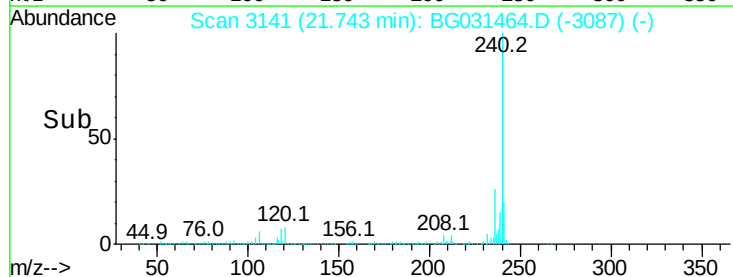
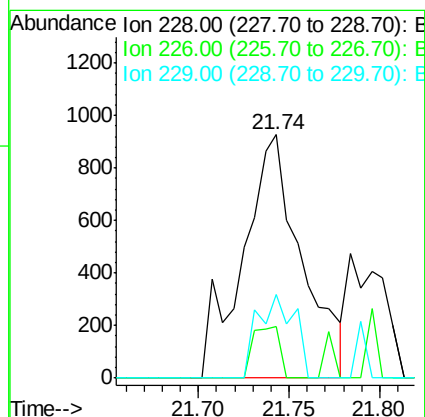
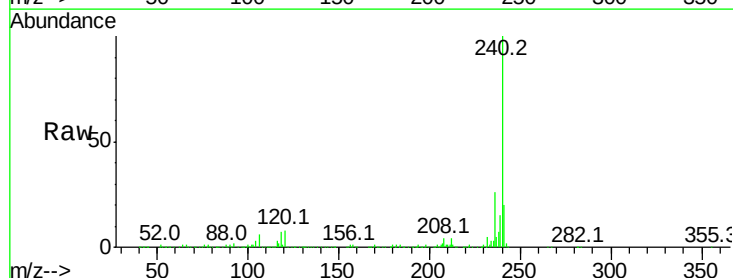
Instrument :
BNA_G
ClientSampleId :

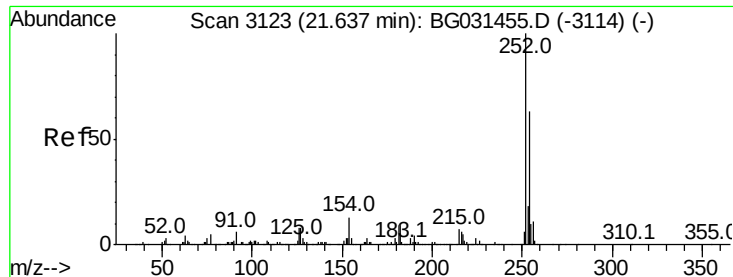
Tot Ion:149 Resp: 61
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.082 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.02 min
Lab File: BG031464.D
Acq: 11 Dec 2017 20:29

Tgt Ion:228 Resp: 2101
Ion Ratio Lower Upper
228 100
226 20.9 22.7 34.1#
229 34.2 16.2 24.2#

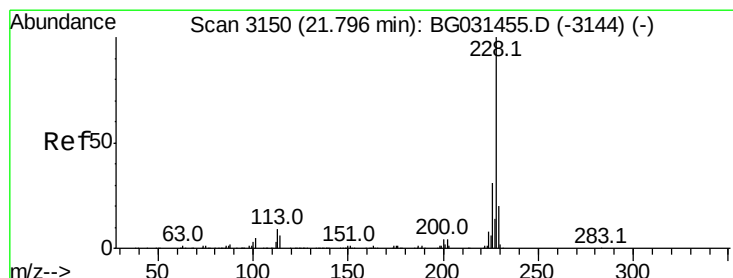
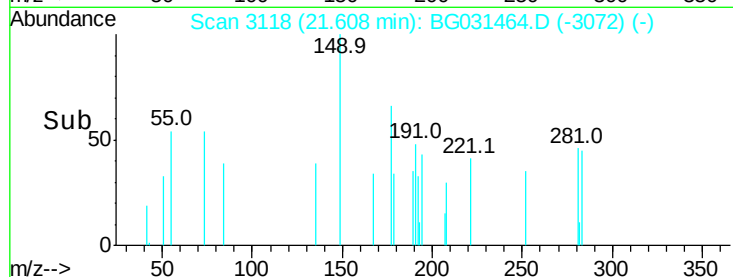
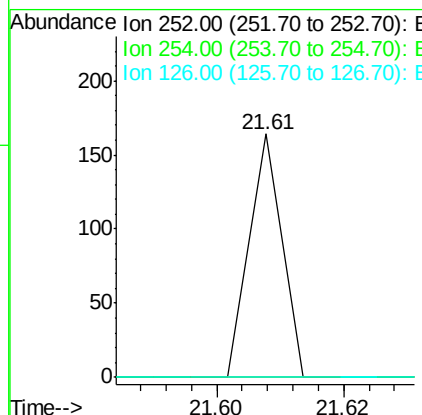
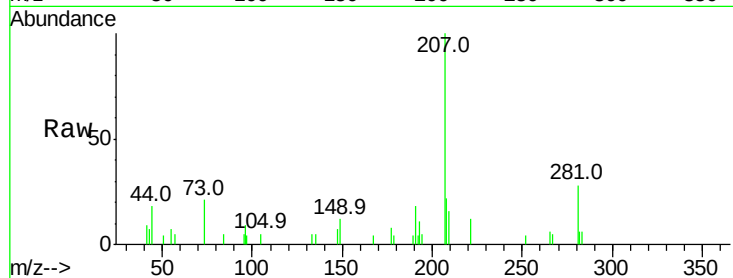




#81
 3,3'-Dichlorobenzidine
 Concen: 0.006 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.03 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

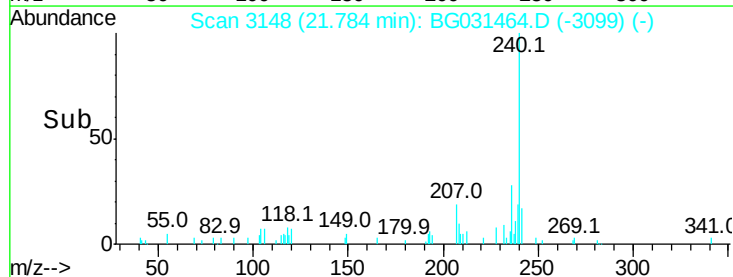
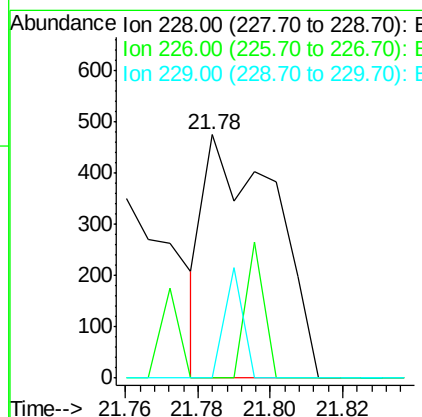
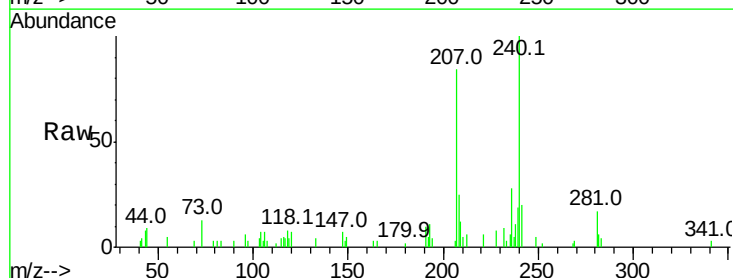
Instrument :
 BNA_G
 ClientSampleId :

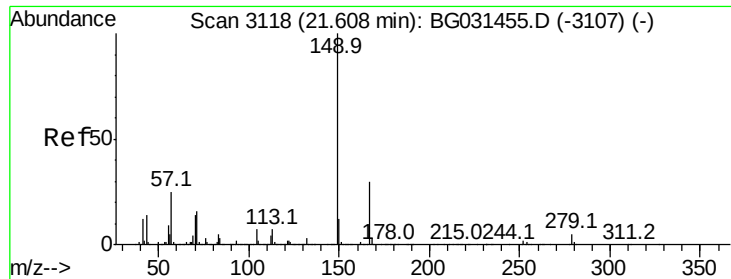
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



#82
 Chrysene
 Concen: 0.026 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

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

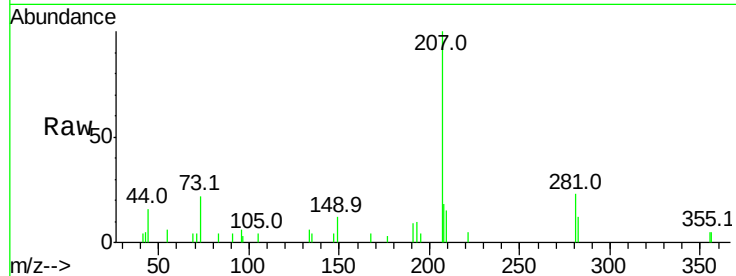




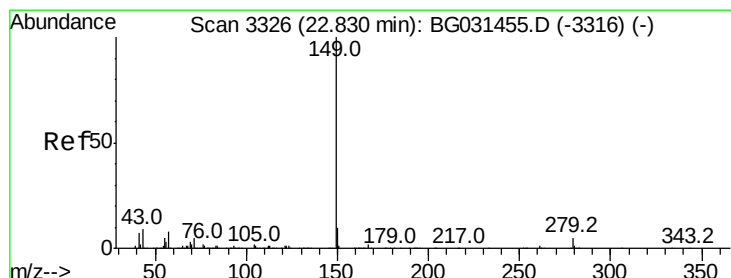
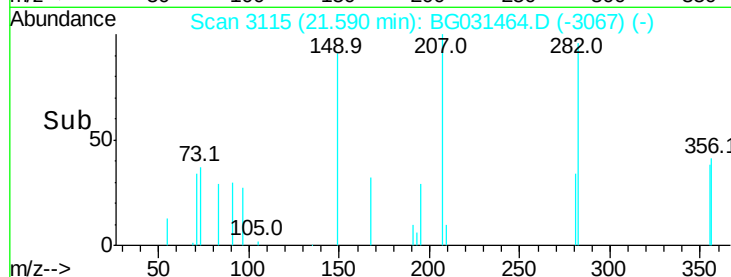
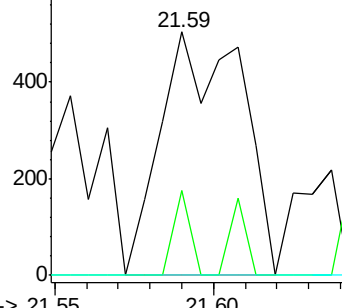
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 890
 Ion Ratio Lower Upper
 149 100
 167 34.7 24.3 36.5
 279 0.0 4.0 6.0#

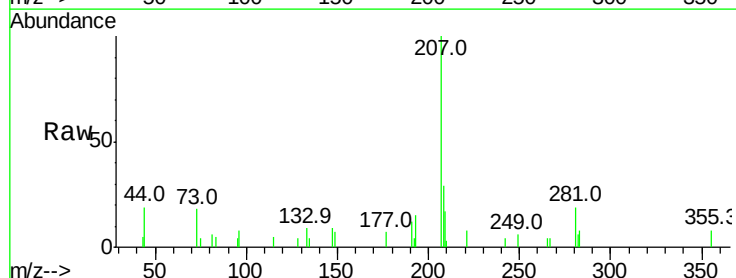


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

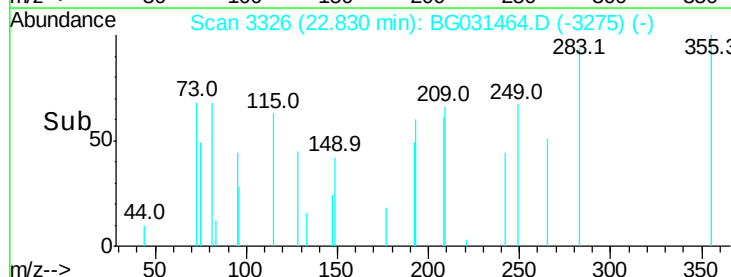
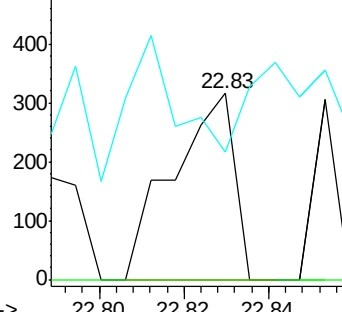


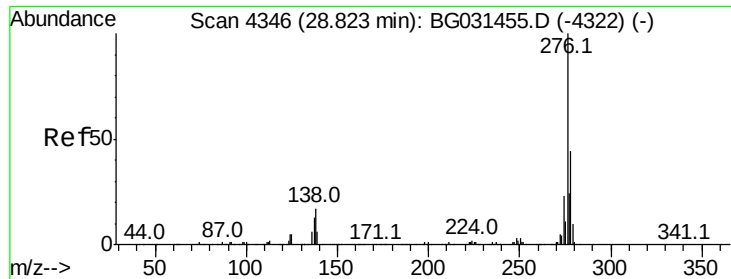
#84
 Di-n-octyl phthalate
 Concen: 0.015 ng
 RT: 22.83 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:149 Resp: 323
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 70.3 8.9 13.3#



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

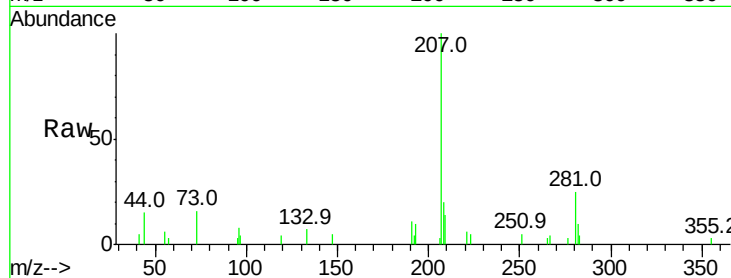




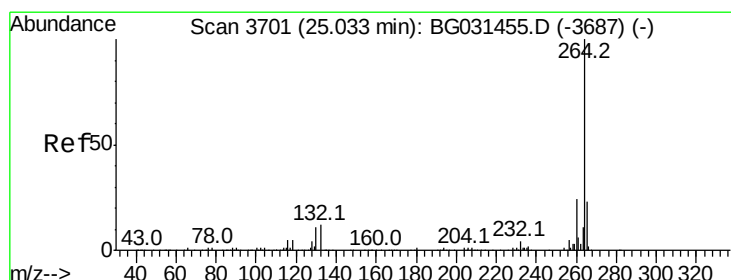
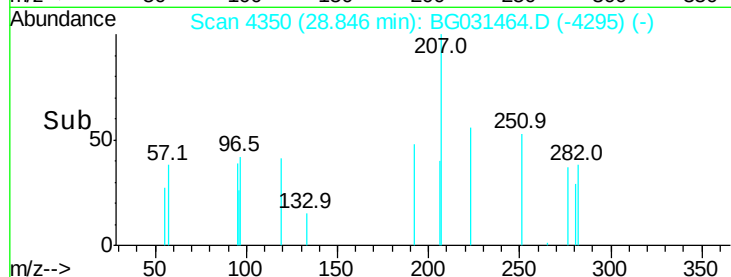
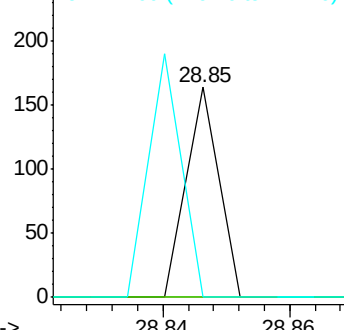
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 28.85 min Scan# 4350
 Delta R.T. 0.02 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	115.5	20.0	30.0#

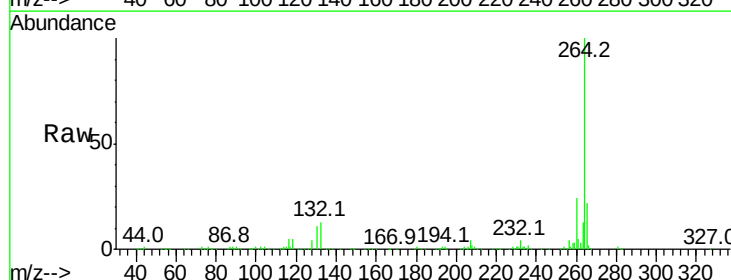


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

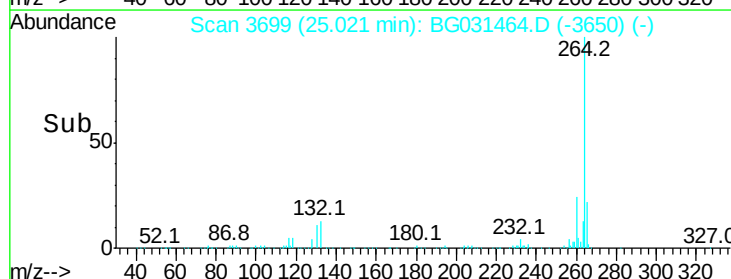
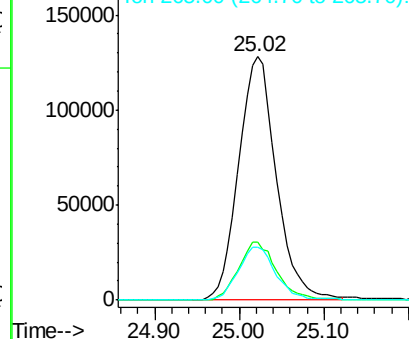


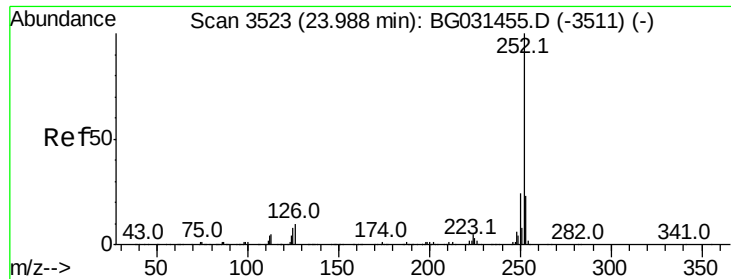
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031464.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.8	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: 0.023 ng

RT: 24.00 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

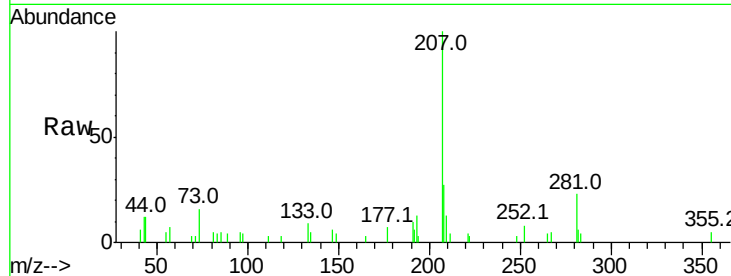
Tot Ion:252 Resp: 534

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

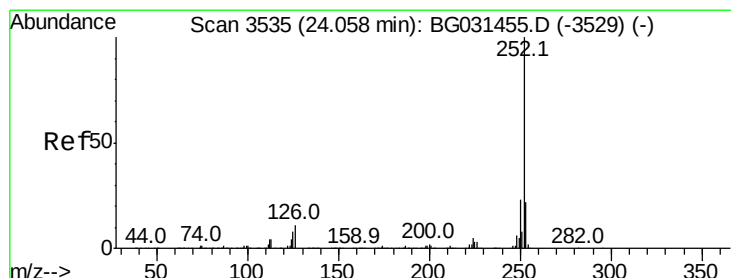
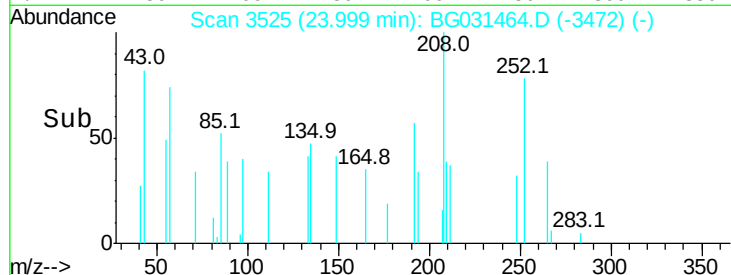
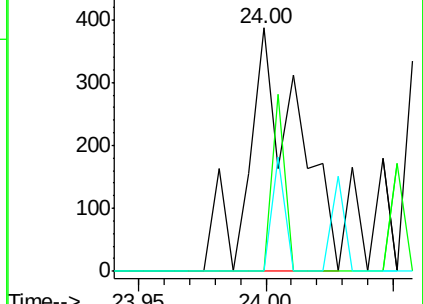
125 0.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.010 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

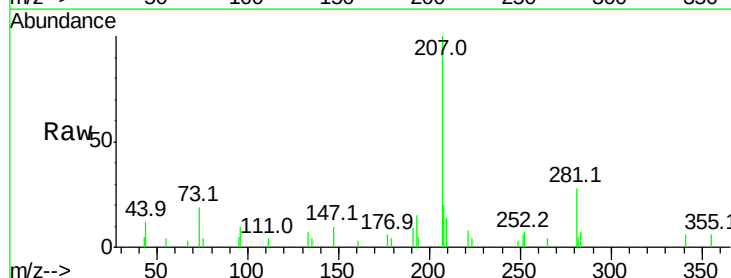
Tgt Ion:252 Resp: 241

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

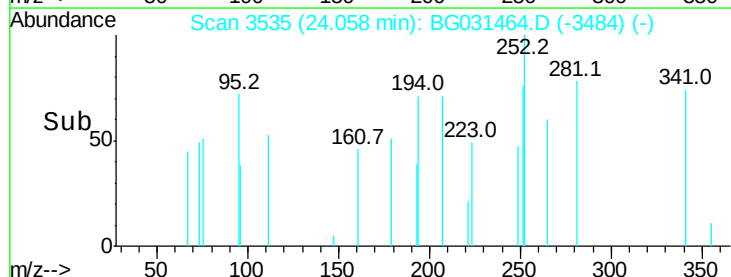
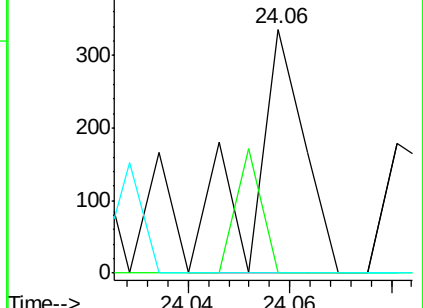
125 0.0 6.6 9.8#

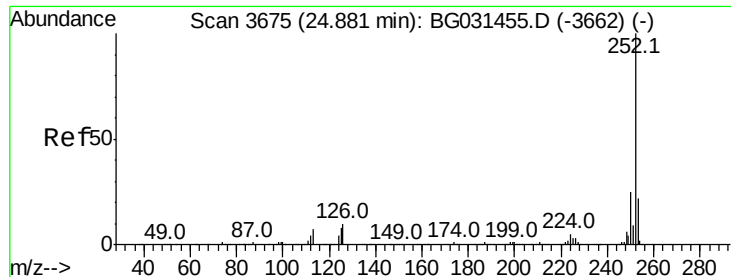


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.013 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.01 min

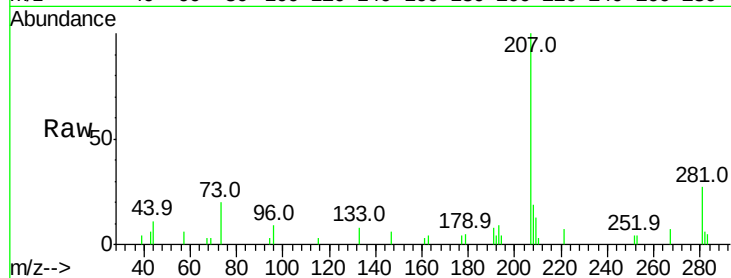
Lab File: BG031464.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	295
Ion	Ratio	Lower	Upper
252	100		
253	105.2	18.3	27.5#
125	0.0	7.3	10.9#

