

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032159.D
 Acq On : 19 Jan 2018 19:44
 Operator : SJ/JU
 Sample : J1010-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:21:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	45444	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	193563	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	139170	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	359215	20.00	ng	0.00
75) Chrysene-d12	22.45	240	421662	20.00	ng	0.00
86) Perylene-d12	26.15	264	443682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	359230	144.58	ng	0.00
7) Phenol-d6	7.85	99	432562	138.23	ng	0.00
23) Nitrobenzene-d5	9.94	82	297723	104.06	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	353423	153.47	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	1031898	91.94	ng	0.00
78) Terphenyl-d14	20.65	244	1888731	98.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.83	88	26750	28.023	ng	# 71
3) Pyridine	4.29	79	79476	31.191	ng	# 83
4) n-Nitrosodimethylamine	4.19	42	49553	55.356	ng	# 85
6) Aniline	8.04	93	48785	12.360	ng	98
8) 2-Chlorophenol	8.29	128	138696	49.884	ng	84
9) Benzaldehyde	7.84	77	7015	3.869	ng	88
10) Phenol	7.88	94	138916	45.064	ng	98
11) bis(2-Chloroethyl)ether	8.13	93	108063	43.756	ng	# 83
12) 1,3-Dichlorobenzene	8.78	146	152165	41.816	ng	96
13) 1,4-Dichlorobenzene	8.78	146	152165	41.530	ng	97
14) 1,2-Dichlorobenzene	9.11	146	148890	42.014	ng	97
15) Benzyl Alcohol	8.98	79	117806	51.820	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	115024	45.829	ng	81
17) 2-Methylphenol	9.18	107	113847	48.325	ng	97
18) Hexachloroethane	9.87	117	49843	44.264	ng	# 79
19) n-Nitroso-di-n-propylamine	9.55	70	93605	48.209	ng	# 87
20) 3+4-Methylphenols	9.51	107	152917	46.855	ng	92
22) Acetophenone	9.58	105	208750	47.478	ng	# 91
24) Nitrobenzene	9.98	77	143180	50.171	ng	# 88
25) Isophorone	10.51	82	264886	49.721	ng	# 87
26) 2-Nitrophenol	10.71	139	83969	49.656	ng	# 85
27) 2,4-Dimethylphenol	10.75	122	141915	52.886	ng	96
28) bis(2-Chloroethoxy)methane	10.99	93	157590	49.097	ng	93
29) 2,4-Dichlorophenol	11.25	162	174666	52.899	ng	91
30) 1,2,4-Trichlorobenzene	11.48	180	192336	45.104	ng	93
31) Naphthalene	11.68	128	446749	46.591	ng	98
32) Benzoic acid	10.89	122	101981	47.443	ng	# 86
33) 4-Chloroaniline	11.78	127	16125	3.922	ng	95
34) Hexachlorobutadiene	11.95	225	136731	44.642	ng	97
35) Caprolactam	12.53	113	41711	41.640	ng	# 46
36) 4-Chloro-3-methylphenol	12.85	107	165963	54.913	ng	# 85
37) 2-Methylnaphthalene	13.24	142	367709	48.302	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	275888	45.478	ng	97
40) Hexachlorocyclopentadiene	13.57	237	356056	104.207	ng	93

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

42) 2,4,6-Trichlorophenol	13.82	196	173894	51.016	nq	99
43) 2,4,5-Trichlorophenol	13.90	196	188885	47.874	nq	# 90
45) 1,1'-Biphenyl	14.22	154	527642	44.226	nq	93
46) 2-Chloronaphthalene	14.27	162	403666	43.492	nq	96
47) 2-Nitroaniline	14.46	65	92332	51.965	nq	# 66
48) Acenaphthylene	15.11	152	603416	42.694	nq	98
49) Dimethylphthalate	14.81	163	558734	45.879	nq	# 99
50) 2,6-Dinitrotoluene	14.94	165	127417	50.405	nq	# 70
51) Acenaphthene	15.45	154	492557	52.704	nq	96
52) 3-Nitroaniline	15.27	138	21280	9.321	nq	# 68
53) 2,4-Dinitrophenol	15.47	184	174189	132.374	nq	# 56
54) Dibenzofuran	15.78	168	653632	46.884	nq	99
55) 4-Nitrophenol	15.55	139	170229	102.310	nq	# 79
56) 2,4-Dinitrotoluene	15.72	165	182707	53.685	nq	# 67
57) Fluorene	16.42	166	528210	46.196	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	205475	56.297	nq	# 85
59) Diethylphthalate	16.15	149	549525	46.544	nq	96
60) 4-Chlorophenyl-phenylether	16.39	204	334795	47.732	nq	94
61) 4-Nitroaniline	16.42	138	66397	30.317	nq	# 86
62) Azobenzene	16.69	77	348990	47.226	nq	89
64) 4,6-Dinitro-2-methylphenol	16.48	198	114744	49.712	nq	# 66
65) n-Nitrosodiphenylamine	16.60	169	465233	42.682	nq	98
66) 4-Bromophenyl-phenylether	17.29	248	246532	48.236	nq	96
67) Hexachlorobenzene	17.42	284	248923	44.022	nq	# 91
68) Atrazine	17.53	200	150174	32.761	nq	95
69) Pentachlorophenol	17.75	266	333770	92.348	nq	98
70) Phenanthrene	18.16	178	913358	45.669	nq	99
71) Anthracene	18.24	178	947788	47.514	nq	99
72) Carbazole	18.51	167	777600	44.937	nq	99
73) Di-n-butylphthalate	19.01	149	922923	45.137	nq	100
74) Fluoranthene	20.12	202	1198677	47.869	nq	94
77) Pyrene	20.48	202	1212873	45.756	nq	97
79) Butylbenzylphthalate	21.33	149	421119	44.341	nq	# 78
80) Benzo(a)anthracene	22.43	228	1248804	47.622	nq	98
81) 3,3'-Dichlorobenzidine	22.32	252	42980	4.388	nq	# 98
82) Chrysene	22.50	228	1164061	46.222	nq	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	579027	41.576	nq	# 97
84) Di-n-octyl phthalate	23.65	149	999213	45.174	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.44	276	1531083	49.678	nq	# 88
87) Benzo(b)fluoranthene	24.97	252	1308656	48.797	nq	# 95
88) Benzo(k)fluoranthene	25.04	252	1283486	48.977	nq	# 95
89) Benzo(a)pyrene	25.98	252	1268192	49.990	nq	# 96
90) Dibenzo(a,h)anthracene	30.52	278	1278238	52.287	nq	# 95
91) Benzo(g,h,i)perylene	31.80	276	1241312	49.679	nq	# 92

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

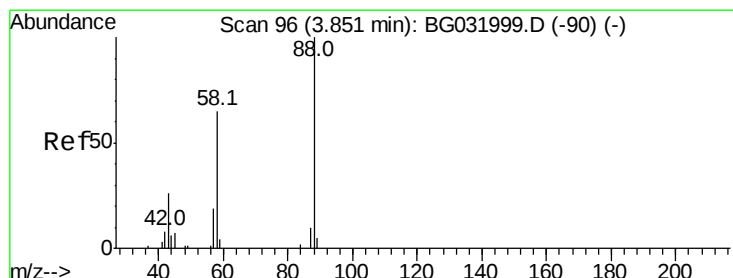
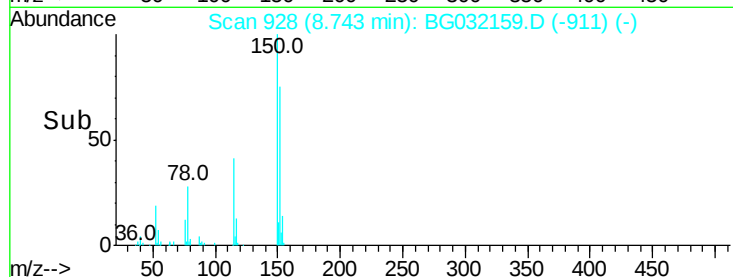
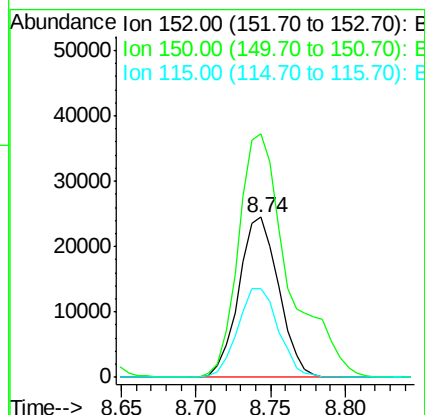
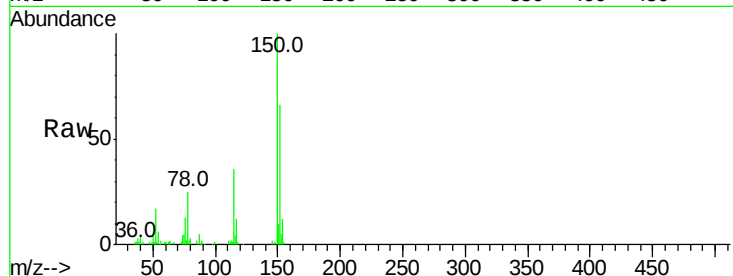


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

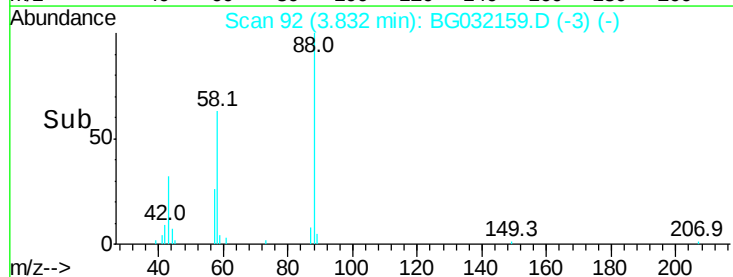
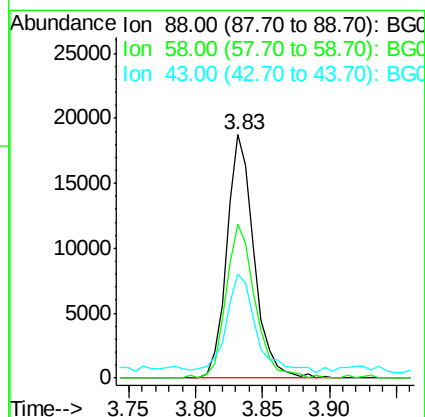
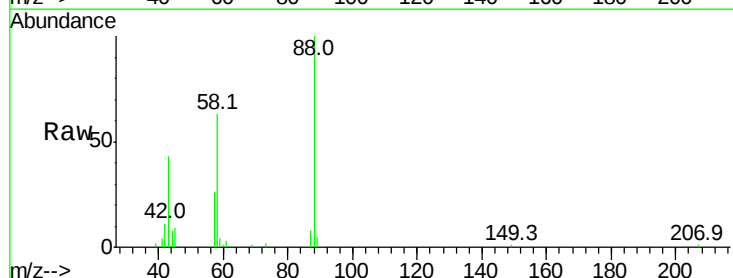
Tot Ion:152 Resp: 45444
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 55.3 53.0 79.4

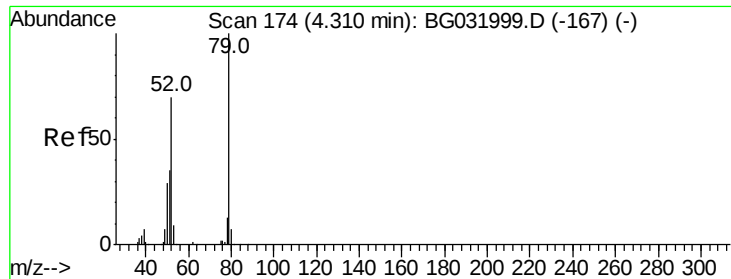


#2

1,4-Dioxane
Concen: 28.023 ng
RT: 3.83 min Scan# 92
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion: 88 Resp: 26750
Ion Ratio Lower Upper
88 100
58 67.5 79.6 119.4#
43 44.7 27.4 41.0#





#3

Pvridine

Concen: 31.191 ng

RT: 4.29 min Scan# 170

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

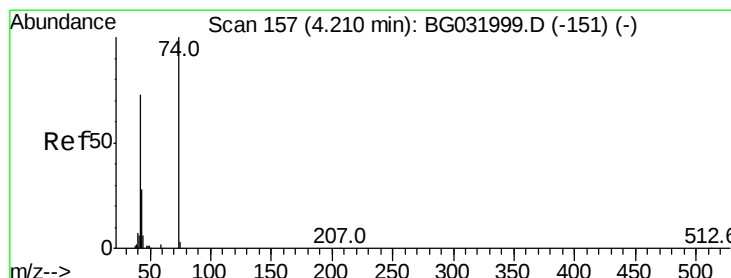
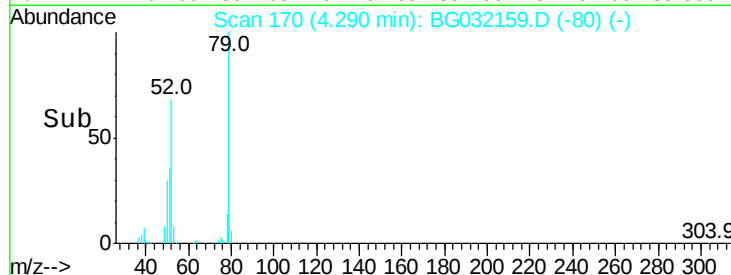
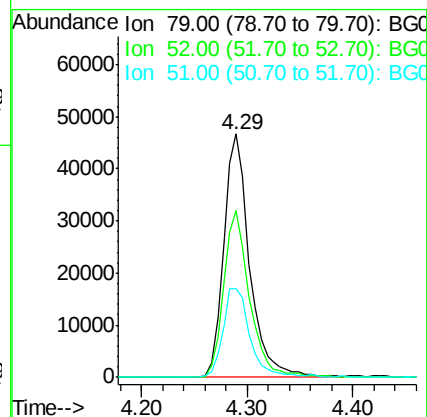
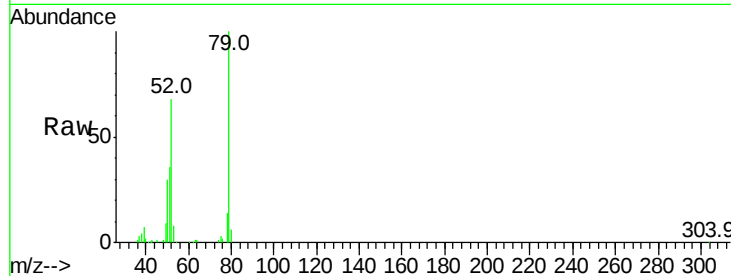
Tot Ion: 79 Resp: 79476

Ion Ratio Lower Upper

79 100

52 68.4 69.9 104.9#

51 36.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 55.356 ng

RT: 4.19 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

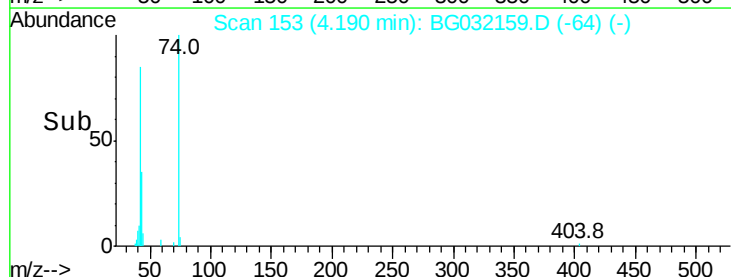
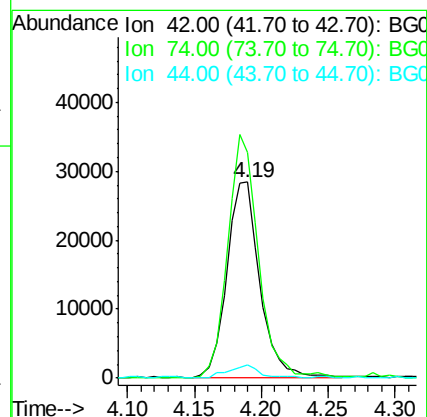
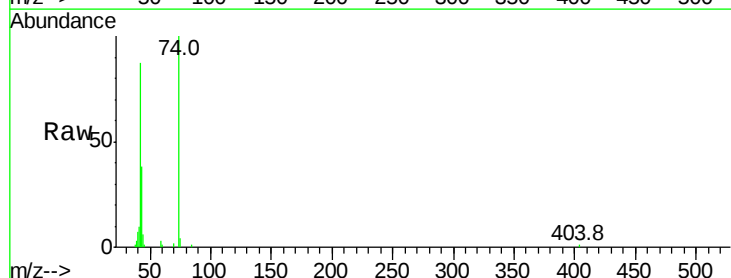
Tgt Ion: 42 Resp: 49553

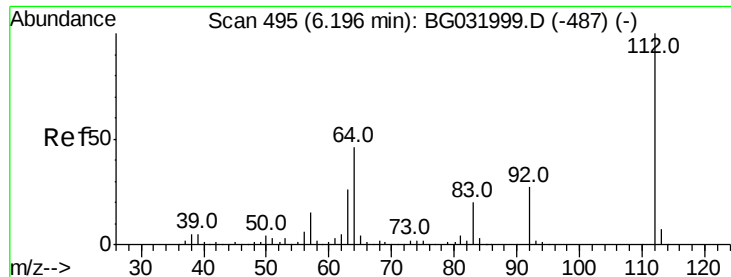
Ion Ratio Lower Upper

42 100

74 115.4 102.5 153.7

44 6.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 144.575 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

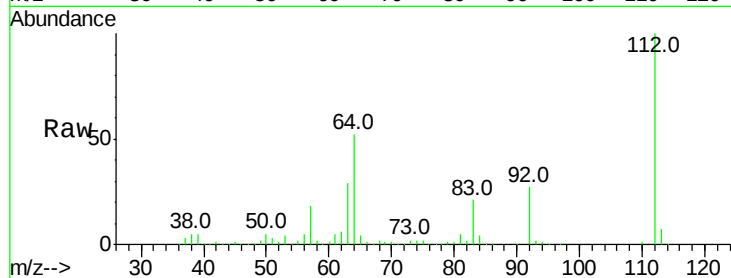
Tot Ion:112 Resp: 359230

Ion Ratio Lower Upper

112 100

64 52.2 56.3 84.5#

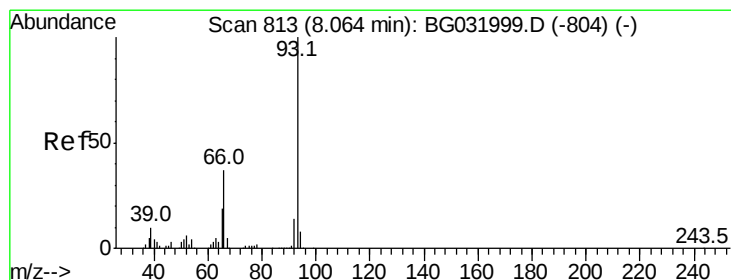
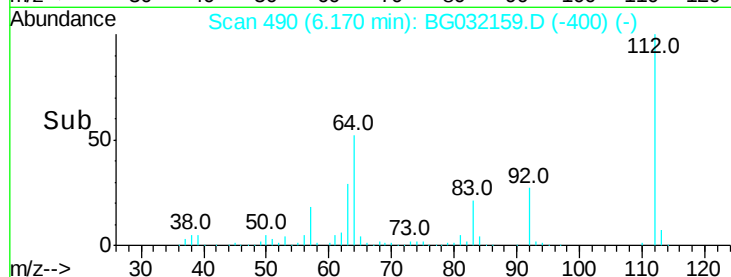
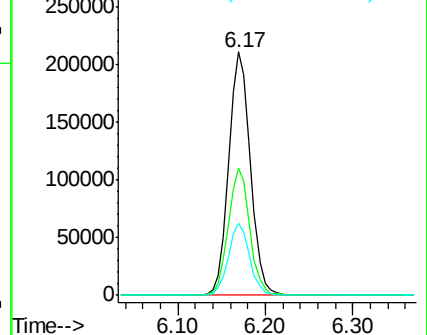
63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.360 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

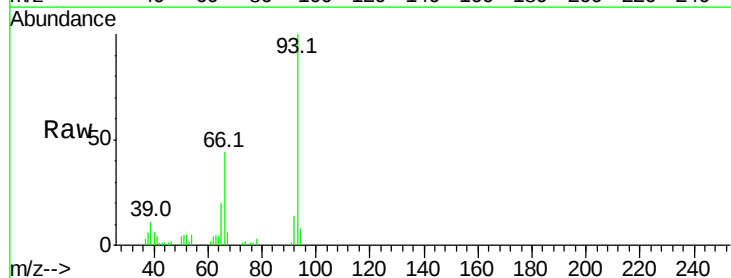
Tgt Ion: 93 Resp: 48785

Ion Ratio Lower Upper

93 100

66 44.1 33.7 50.5

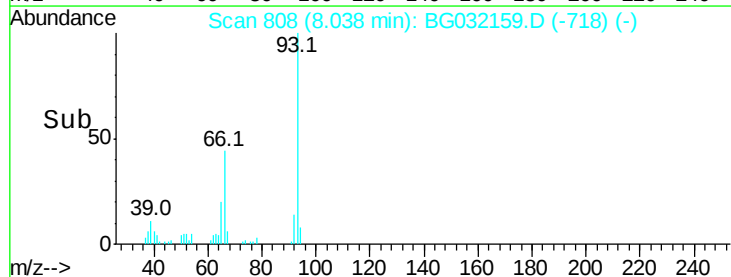
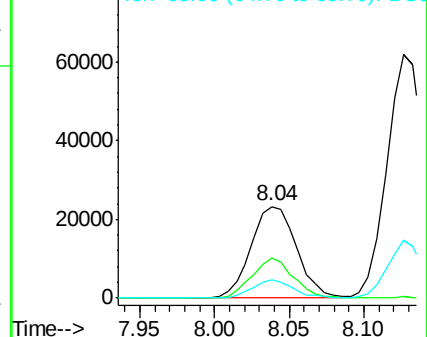
65 19.8 16.1 24.1

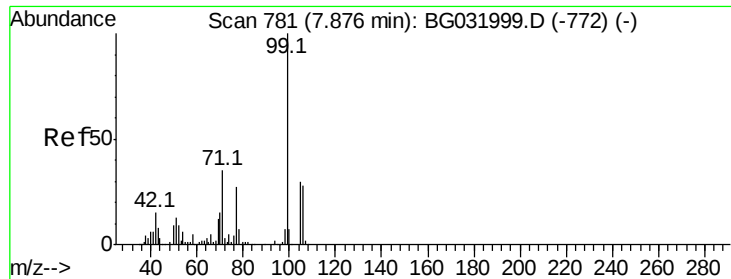


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.227 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

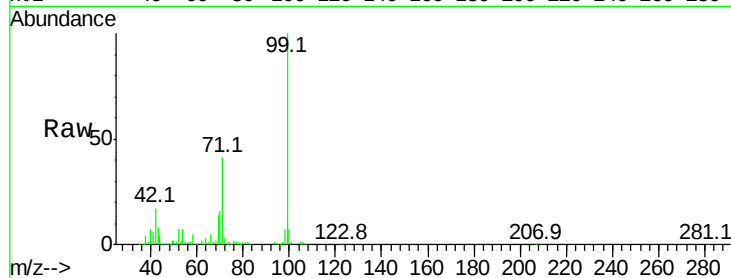
Tot Ion: 99 Resp: 432562

Ion Ratio Lower Upper

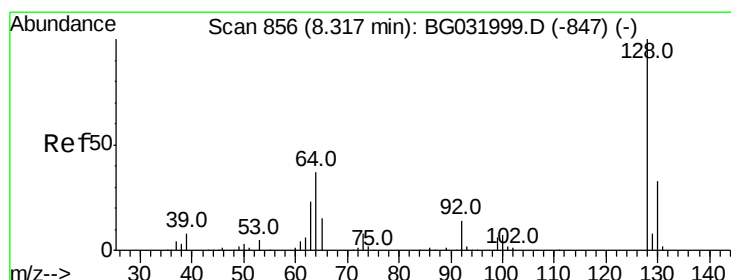
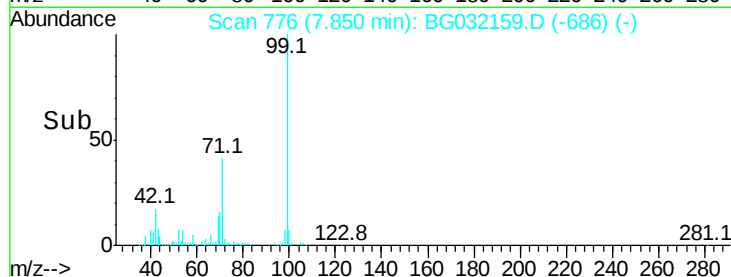
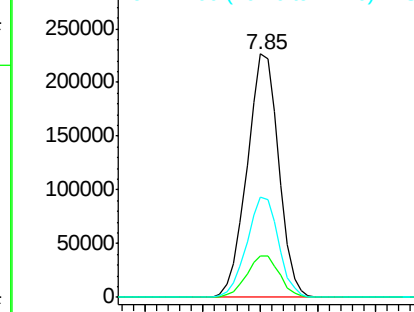
99 100

42 16.8 14.1 21.1

71 41.3 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: 49.884 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

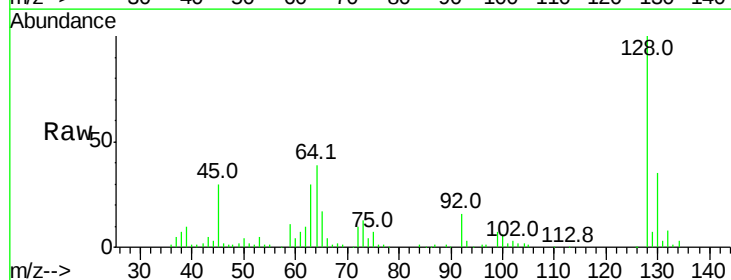
Tgt Ion:128 Resp: 138696

Ion Ratio Lower Upper

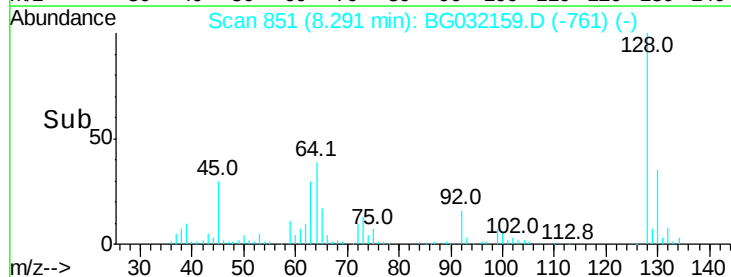
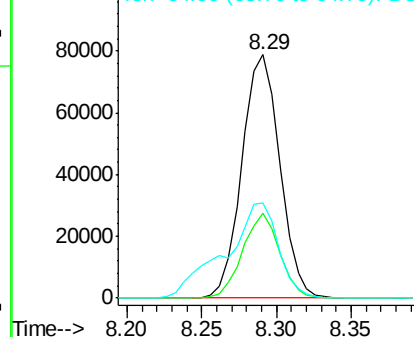
128 100

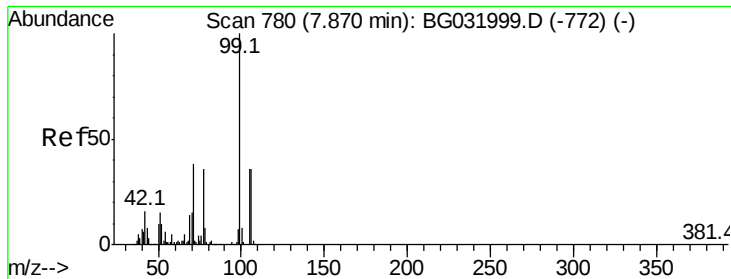
130 34.7 14.0 54.0

64 39.1 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 3.869 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

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ClientSampleId :

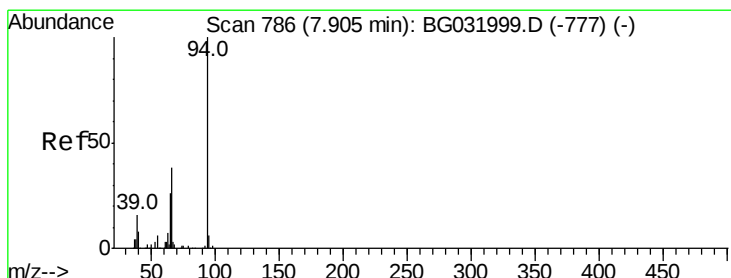
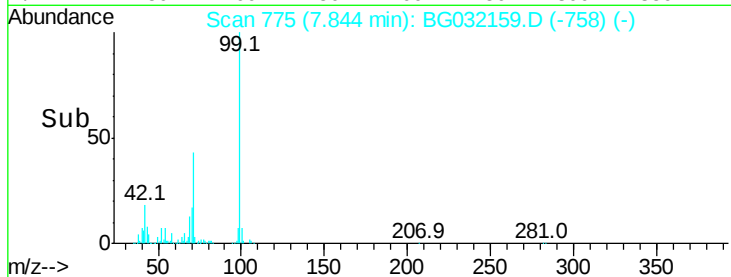
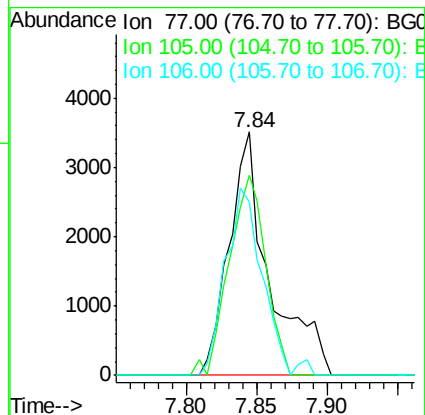
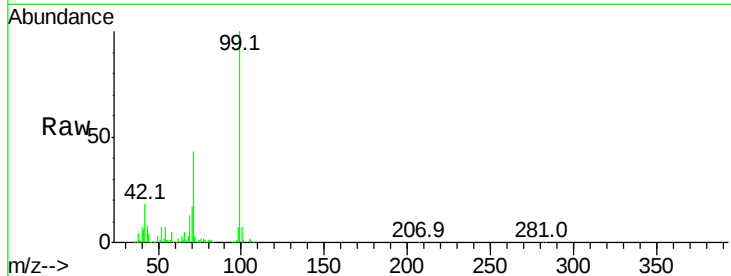
Tot Ion: 77 Resp: 7015

Ion Ratio Lower Upper

77 100

105 82.0 71.3 111.3

106 71.0 64.2 104.2



#10

Phenol

Concen: 45.064 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

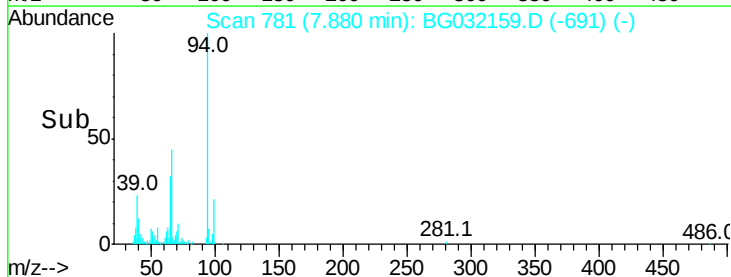
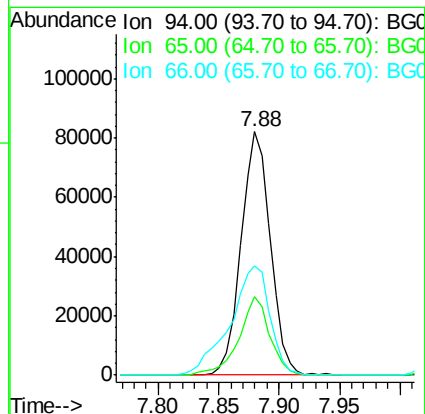
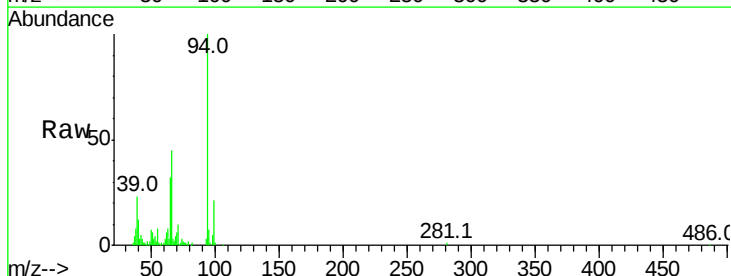
Tgt Ion: 94 Resp: 138916

Ion Ratio Lower Upper

94 100

65 32.3 11.9 51.9

66 44.6 22.2 62.2

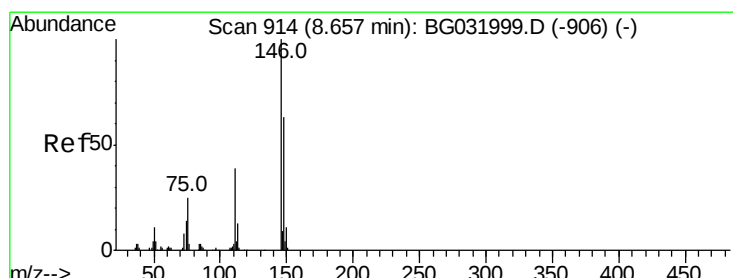
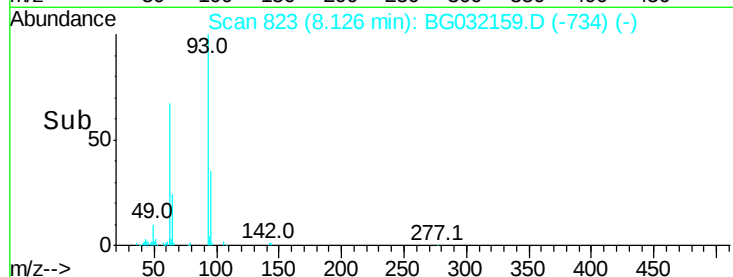
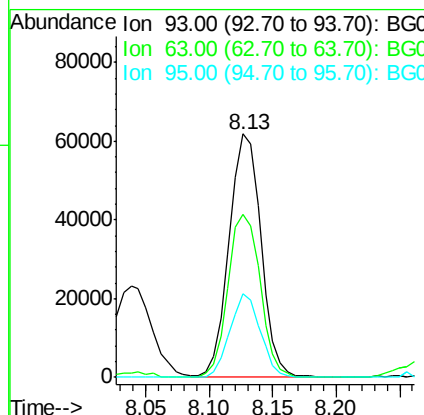
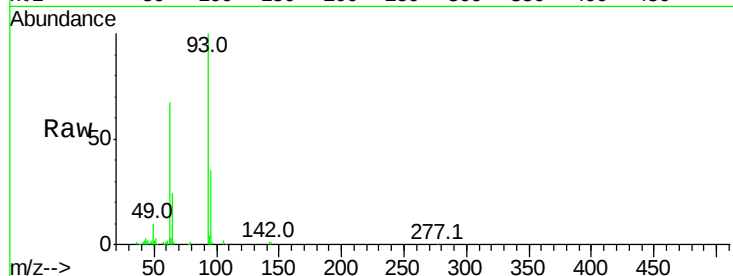




#11
bis(2-Chloroethyl)ether
Concen: 43.756 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

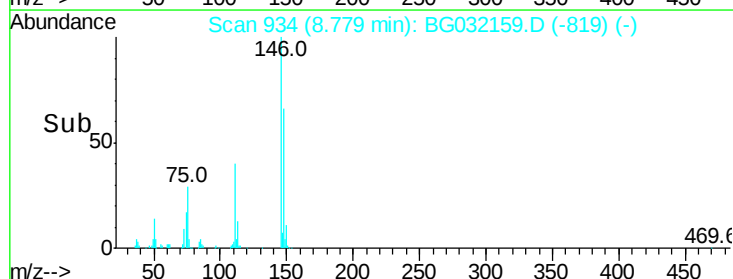
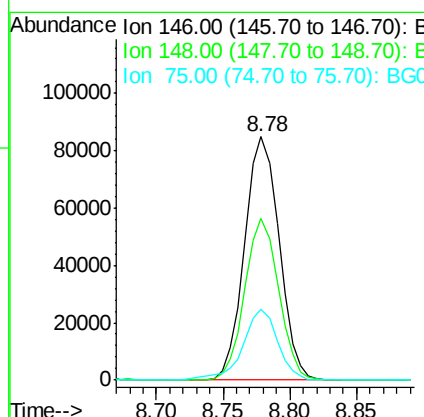
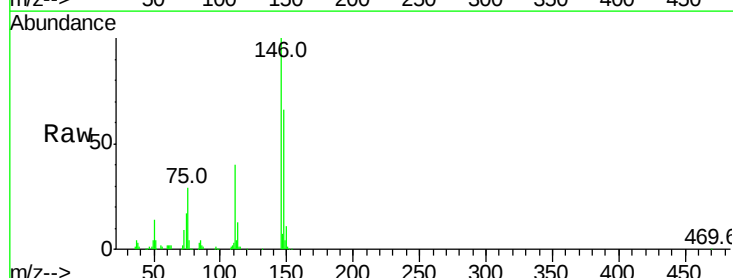
Instrument :
BNA_G
ClientSampleId :

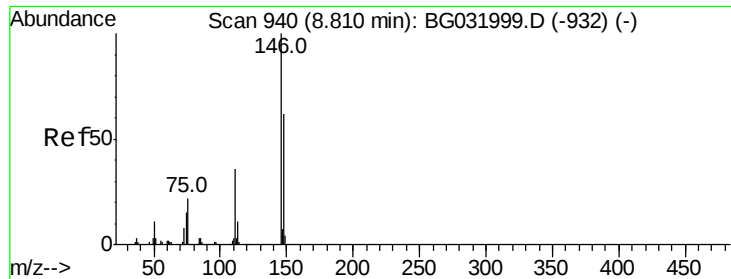
Tot Ion: 93 Resp: 108063
Ion Ratio Lower Upper
93 100
63 66.9 67.1 107.1#
95 34.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.816 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.15 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion: 146 Resp: 152165
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.2
75 28.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.530 ng

RT: 8.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

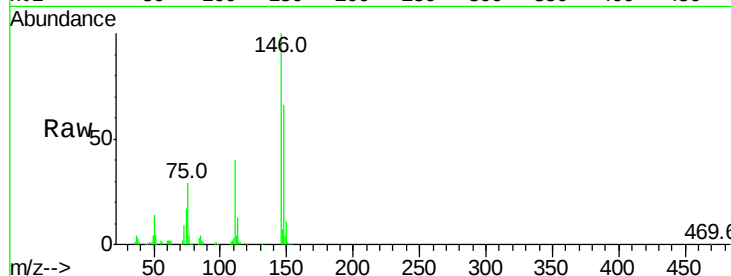
Tot Ion:146 Resp: 152165

Ion Ratio Lower Upper

146 100

148 66.4 53.7 80.5

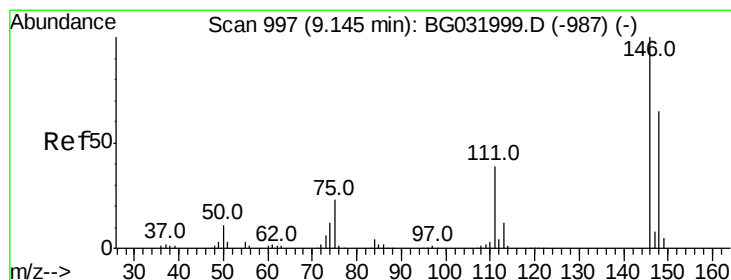
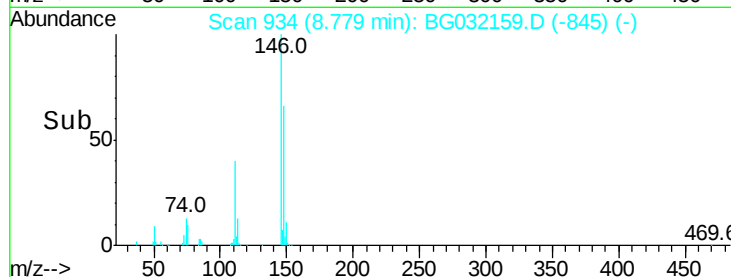
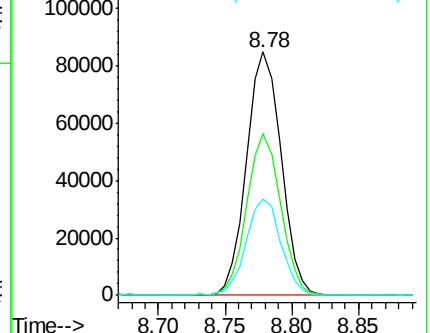
111 39.5 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 42.014 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

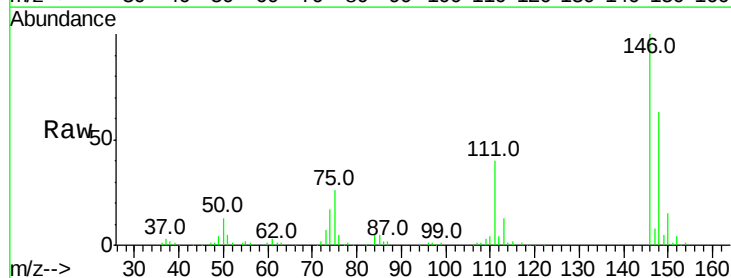
Tgt Ion:146 Resp: 148890

Ion Ratio Lower Upper

146 100

148 62.8 49.3 73.9

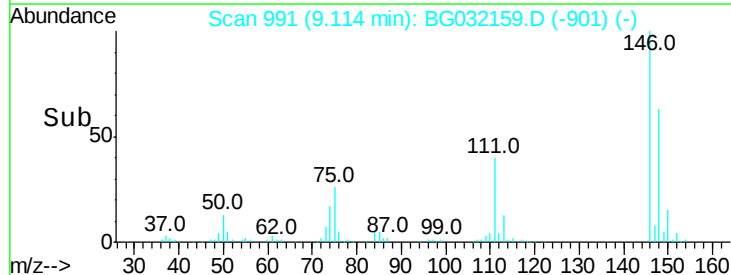
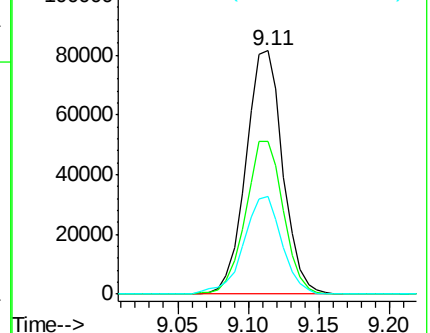
111 39.9 34.3 51.5

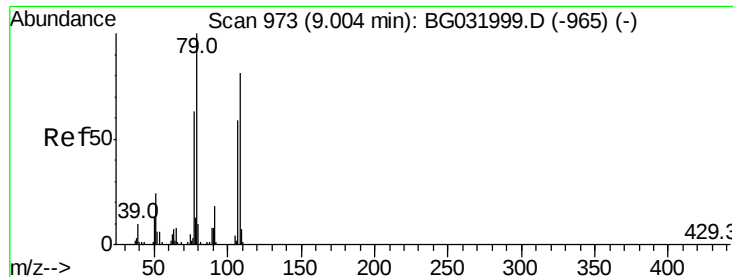


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.820 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

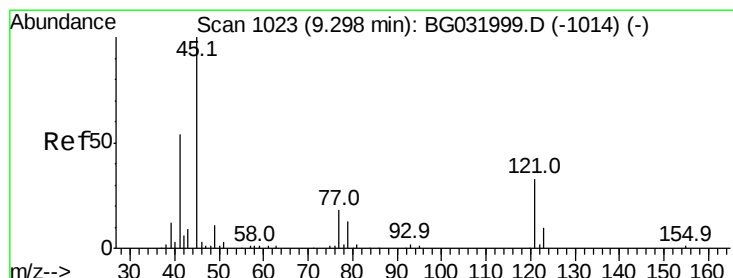
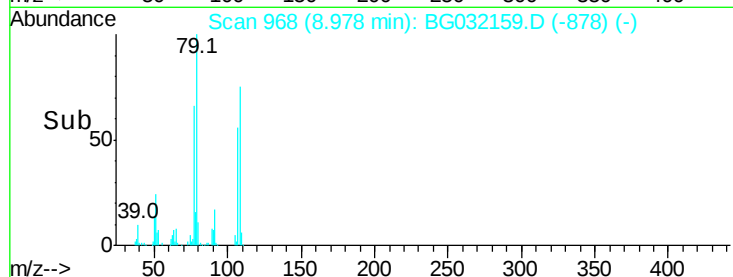
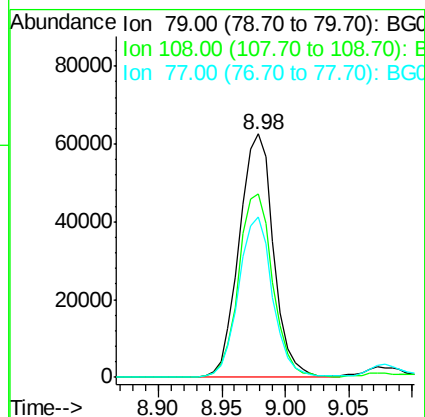
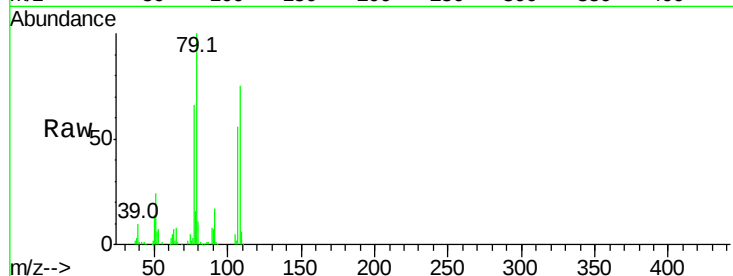
Tot Ion: 79 Resp: 117806

Ion Ratio Lower Upper

79 100

108 75.3 57.2 85.8

77 65.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.829 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

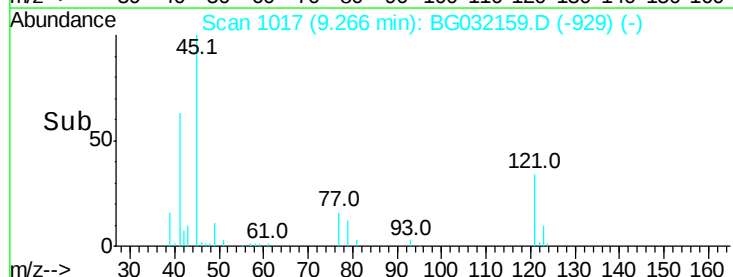
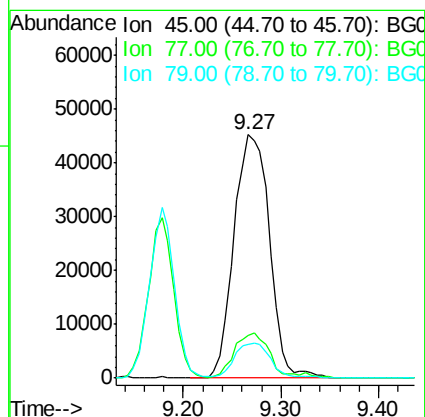
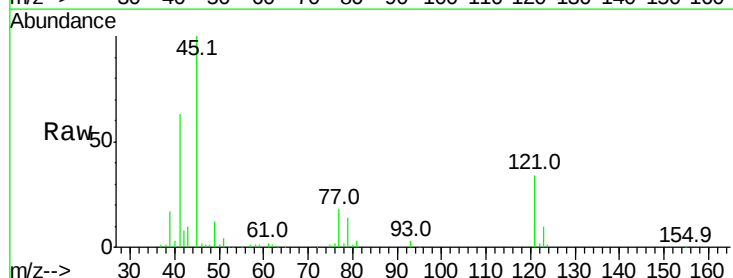
Tgt Ion: 45 Resp: 115024

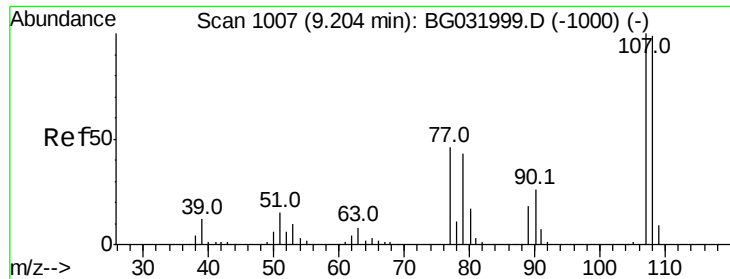
Ion Ratio Lower Upper

45 100

77 17.7 0.0 30.2

79 13.7 0.0 27.9

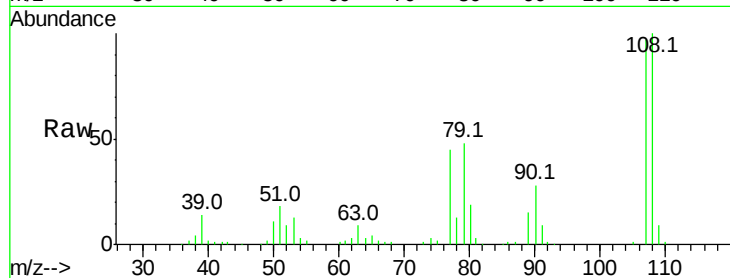




#17
2-Methylphenol
Concen: 48.325 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	103.2	83.9	125.9
77	46.8	37.2	55.8
79	49.6	36.2	54.2



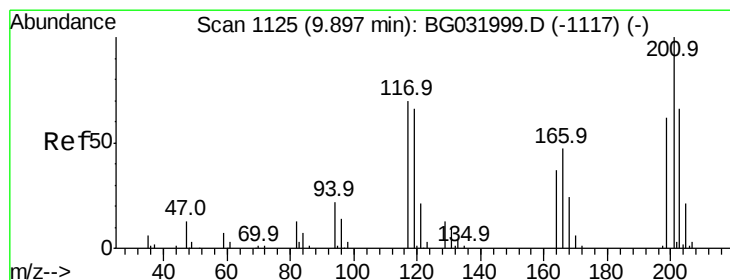
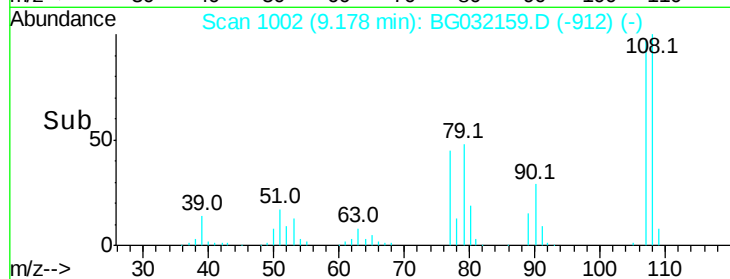
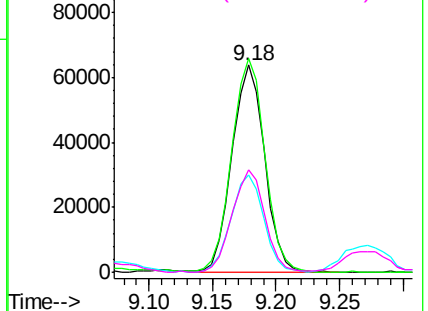
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

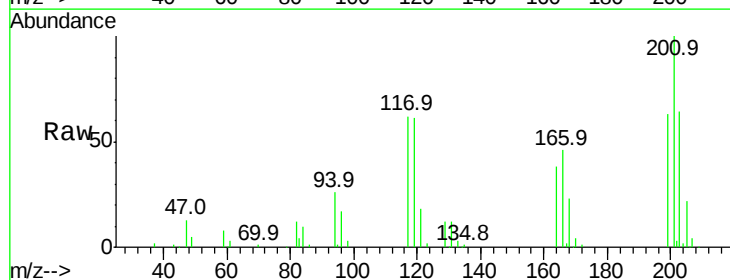
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.264 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.7	115.1
201	160.6	95.7	143.5

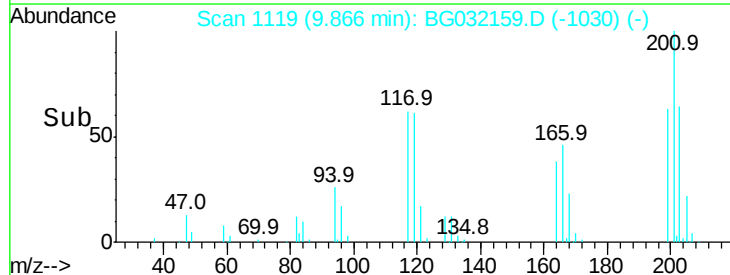
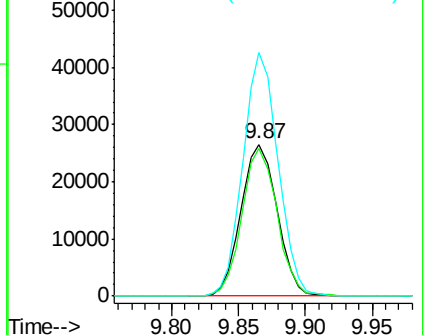


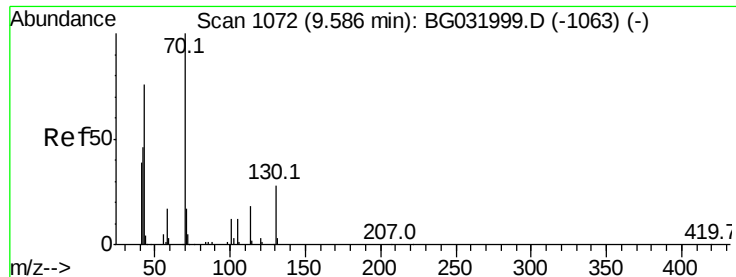
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

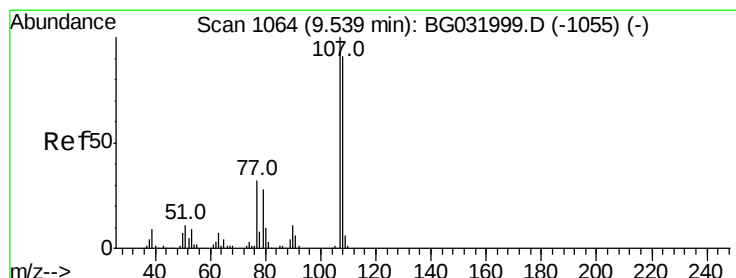
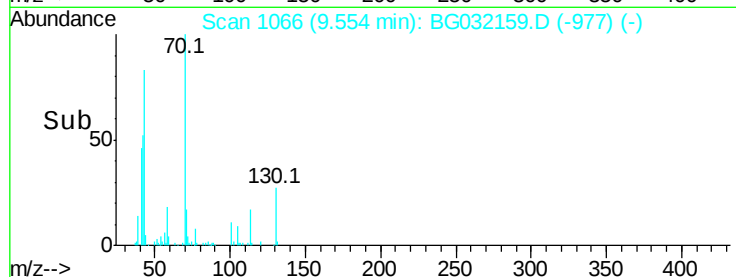
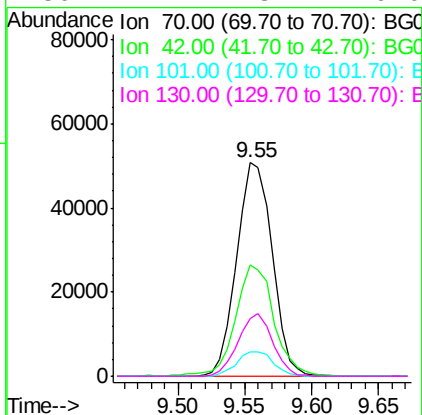
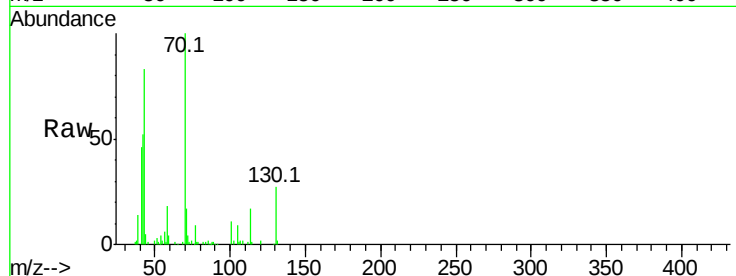




#19
n-Nitroso-di-n-propylamine
Concen: 48.209 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

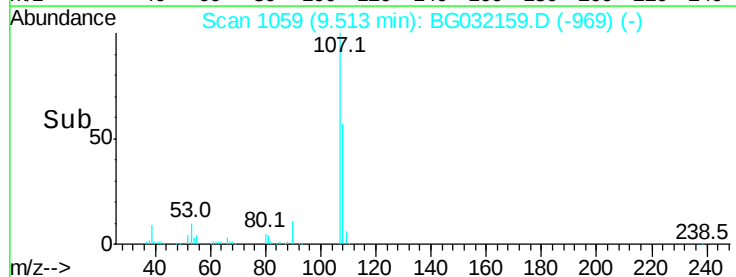
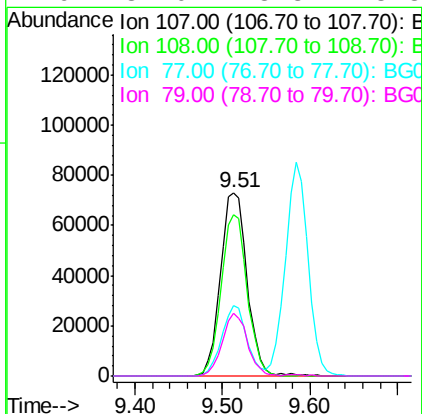
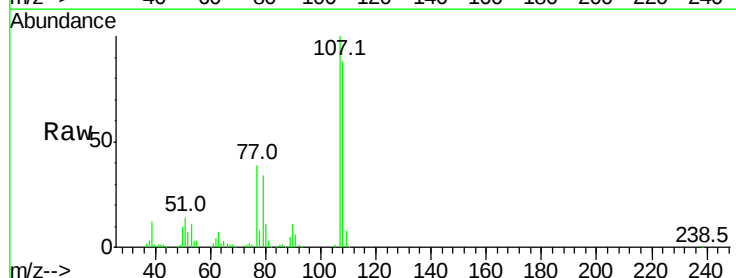
Instrument :
BNA_G
ClientSampleId :

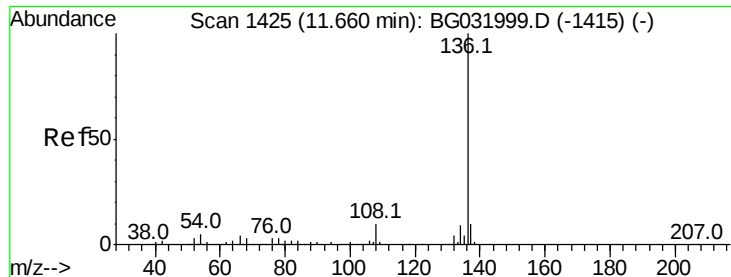
Tot Ion: 70 Resp: 93605
Ion Ratio Lower Upper
70 100
42 52.3 49.1 73.7
101 11.3 8.5 12.7
130 27.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 46.855 ng
RT: 9.51 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion: 107 Resp: 152917
Ion Ratio Lower Upper
107 100
108 88.3 61.6 101.6
77 38.7 13.9 53.9
79 34.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 193563

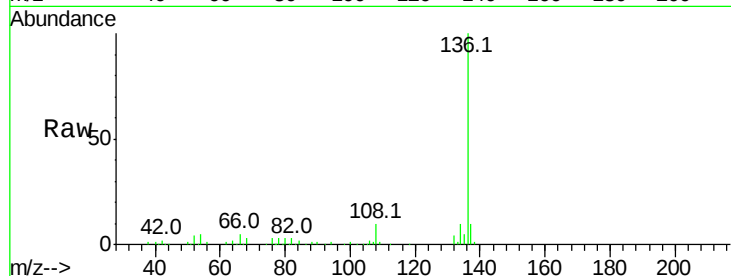
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 5.1 10.3 15.5#

68 3.1 4.5 6.7#

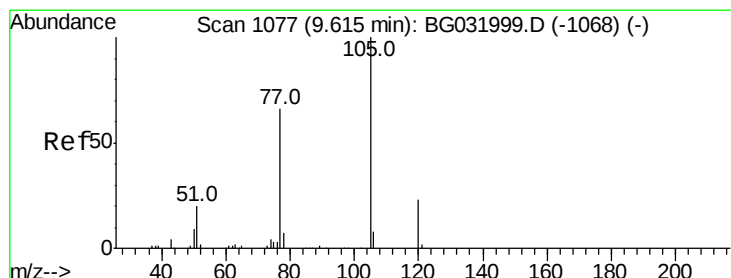
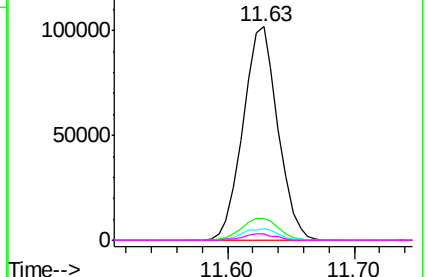
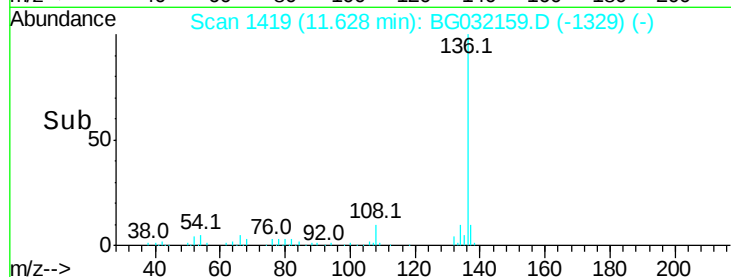


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.478 ng

RT: 9.58 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:105 Resp: 208750

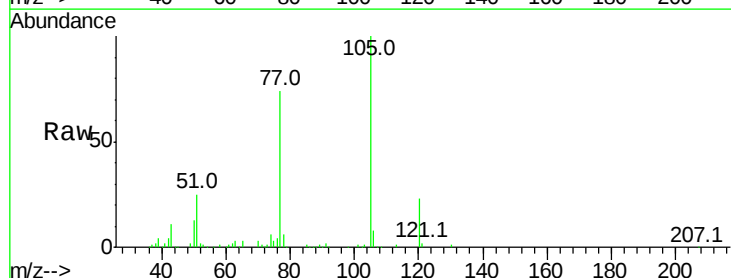
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 24.9 26.1 39.1#

120 22.9 17.4 26.2

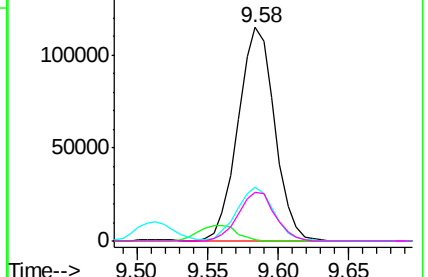
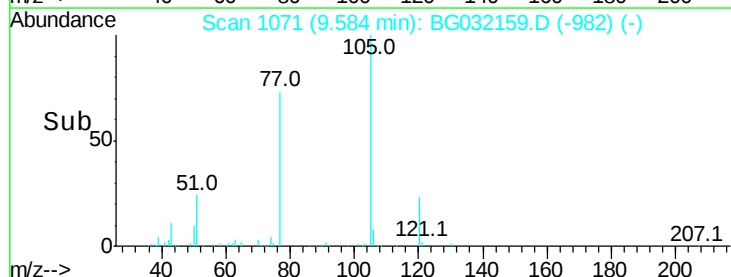


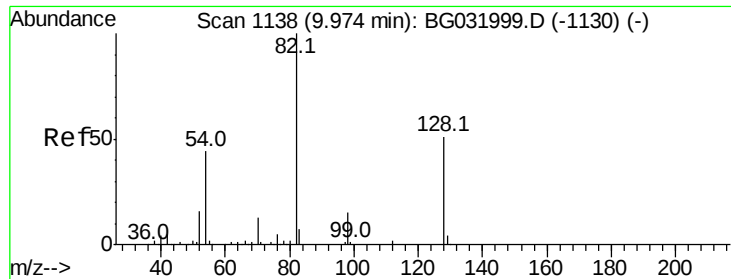
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

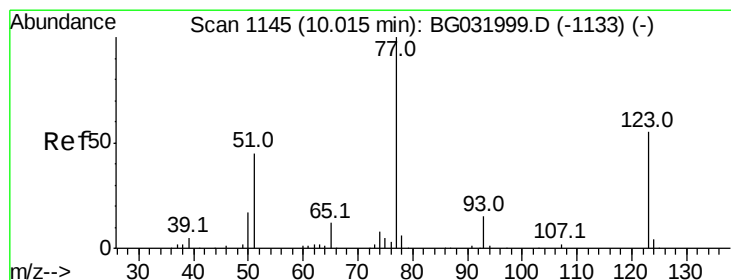
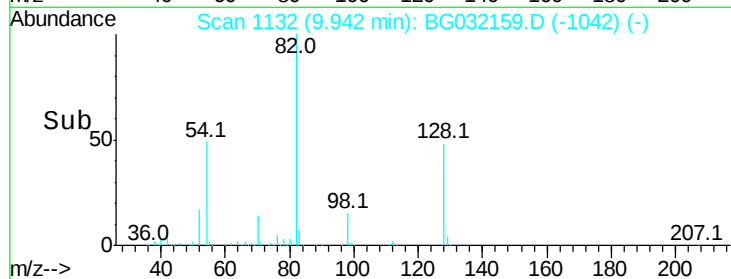
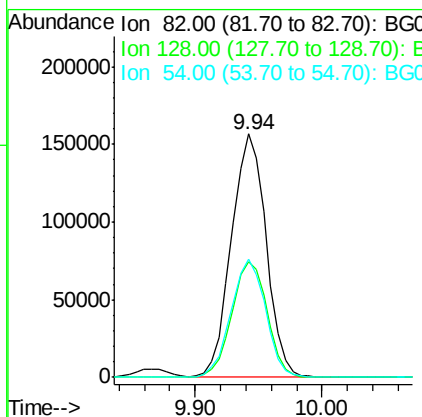
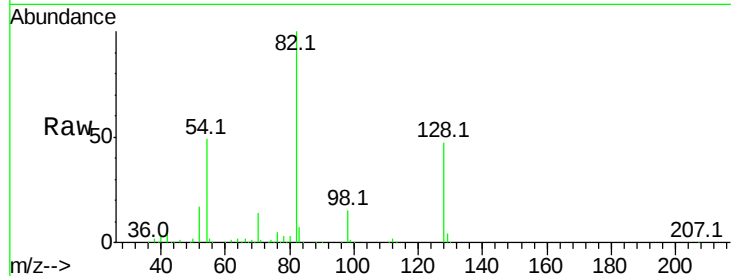




#23
 Nitrobenzene-d5
 Concen: 104.060 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

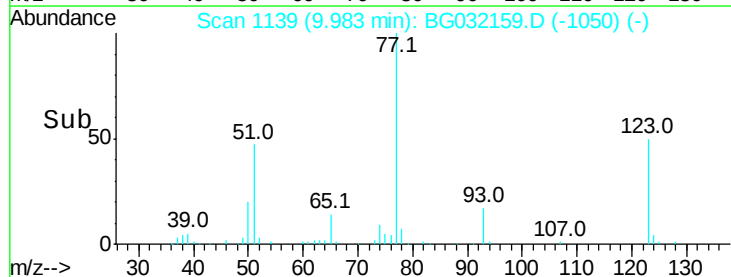
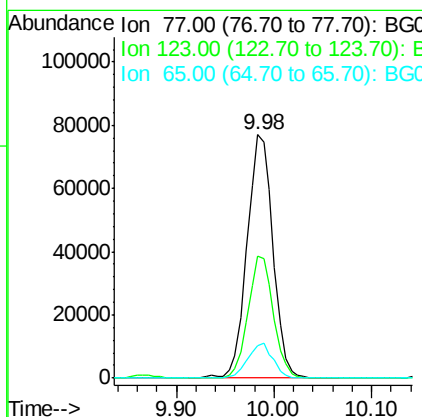
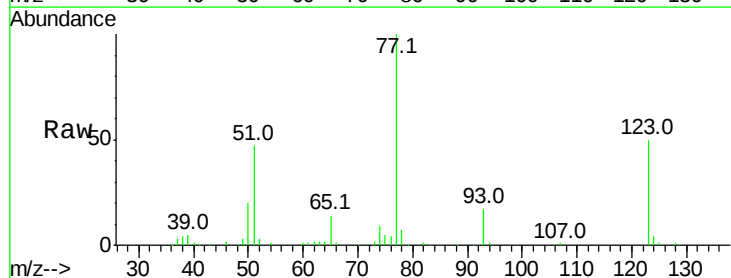
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 297723
 Ion Ratio Lower Upper
 82 100
 128 47.5 29.7 44.5#
 54 48.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 50.171 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion: 77 Resp: 143180
 Ion Ratio Lower Upper
 77 100
 123 49.9 33.0 49.6#
 65 13.6 13.0 19.6





#25

Isophorone

Concen: 49.721 ng

RT: 10.51 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

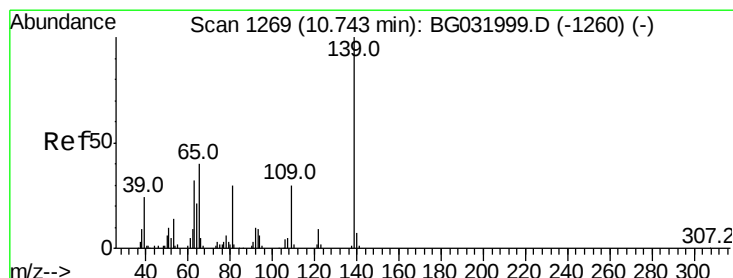
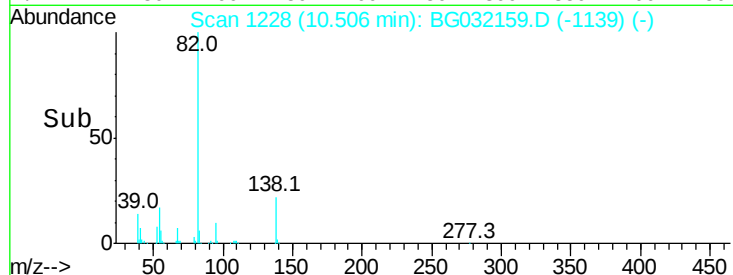
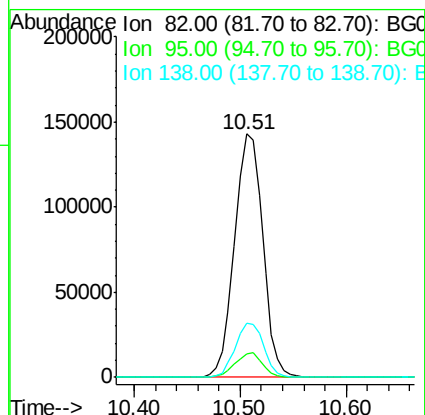
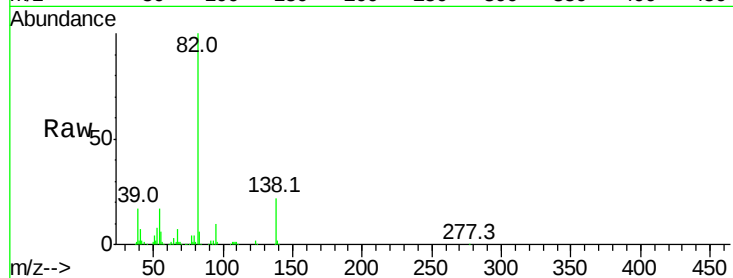
Tot Ion: 82 Resp: 264886

Ion Ratio Lower Upper

82 100

95 9.9 6.2 9.2#

138 22.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.656 ng

RT: 10.71 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

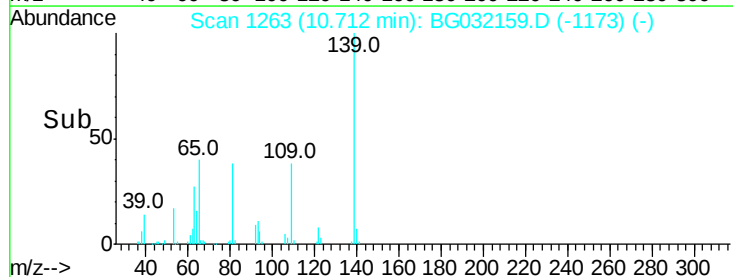
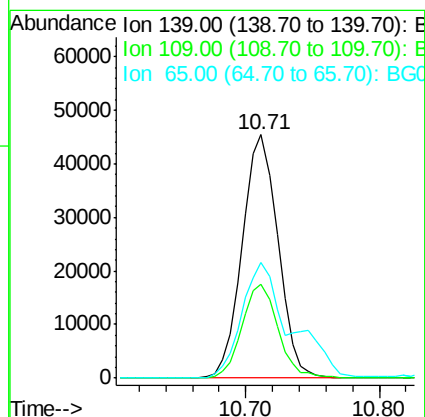
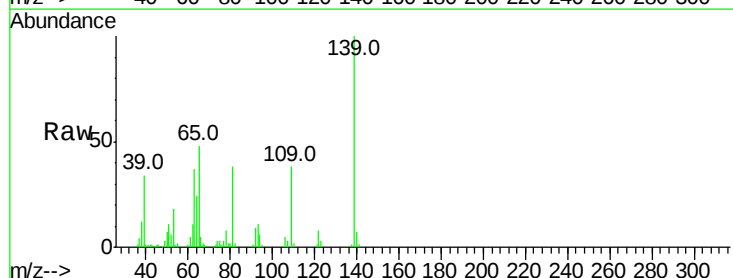
Tgt Ion: 139 Resp: 83969

Ion Ratio Lower Upper

139 100

109 38.5 24.2 36.2#

65 47.7 47.4 71.0

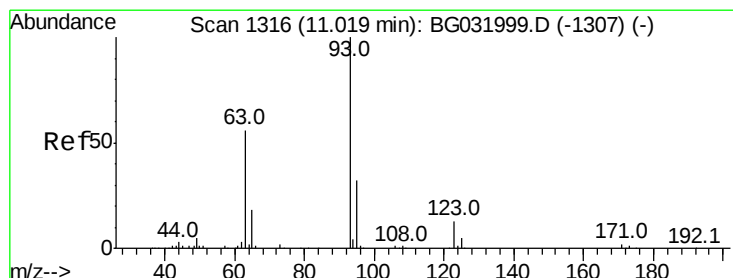
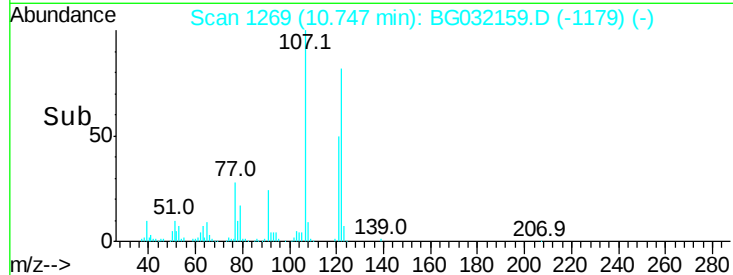
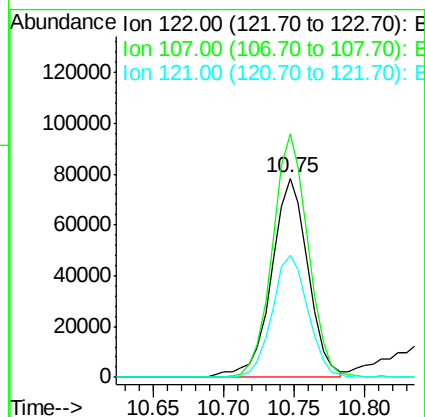
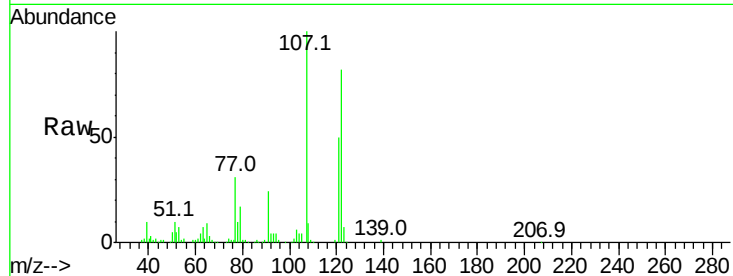




#27
 2,4-Dimethylphenol
 Concen: 52.886 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

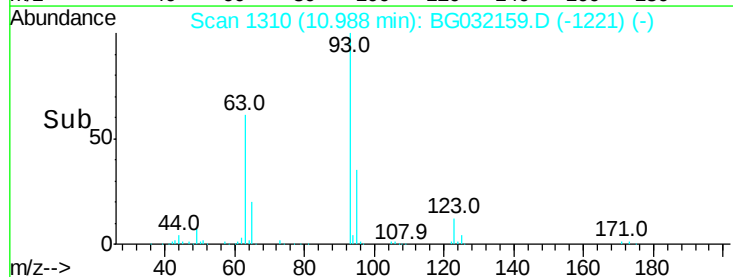
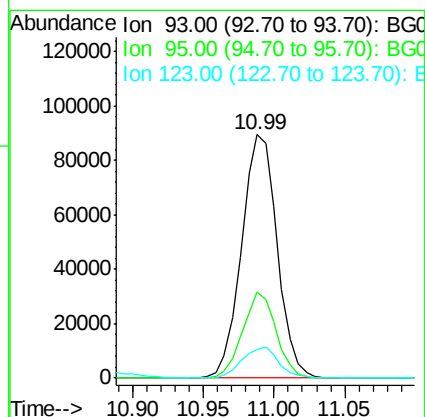
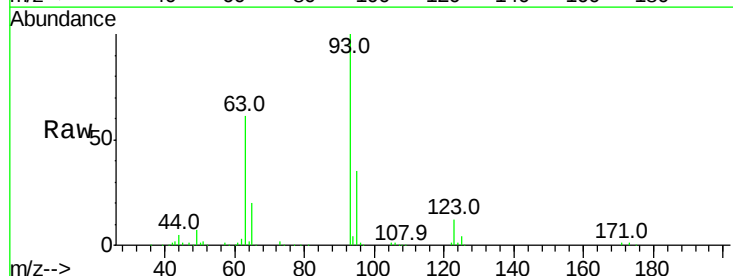
Instrument :
 BNA_G
 ClientSampleId :

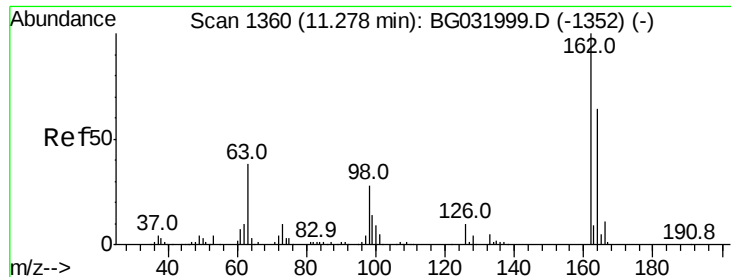
Tot Ion:122 Resp: 141915
 Ion Ratio Lower Upper
 122 100
 107 122.2 100.2 150.2
 121 61.4 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.097 ng
 RT: 10.99 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion: 93 Resp: 157590
 Ion Ratio Lower Upper
 93 100
 95 35.2 24.3 36.5
 123 11.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 52.899 ng

RT: 11.25 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

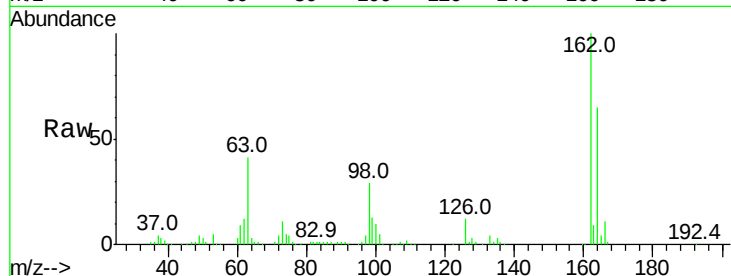
Tot Ion:162 Resp: 174666

Ion Ratio Lower Upper

162 100

164 65.1 48.0 88.0

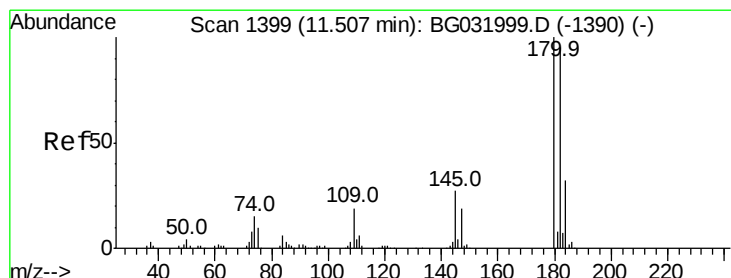
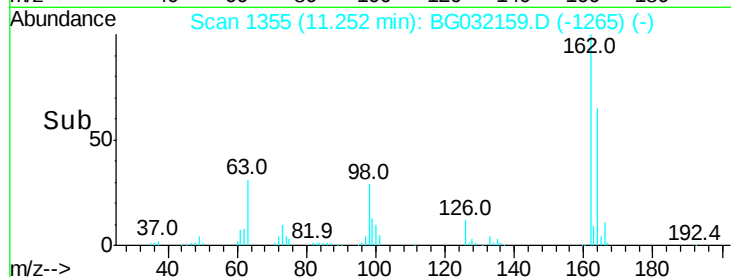
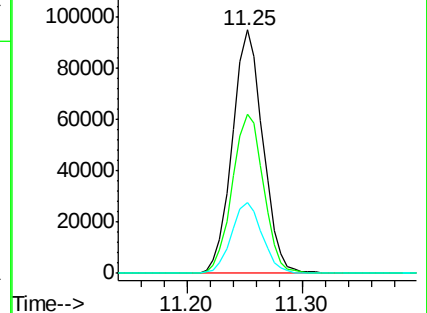
98 29.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.104 ng

RT: 11.48 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

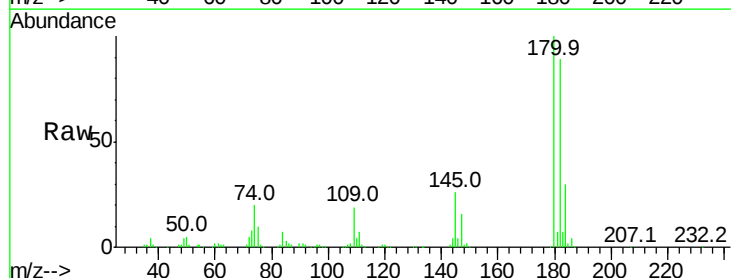
Tgt Ion:180 Resp: 192336

Ion Ratio Lower Upper

180 100

182 89.5 77.5 116.3

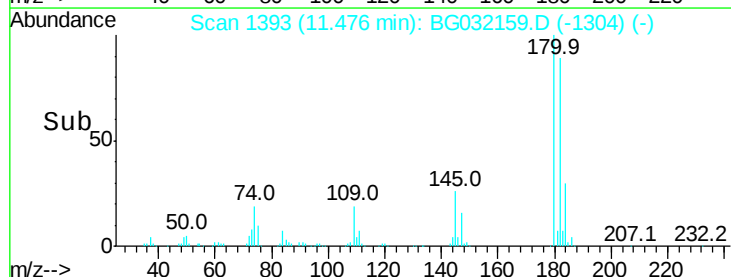
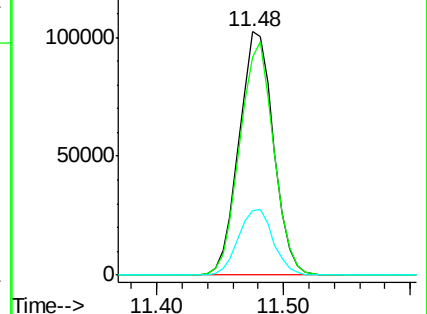
145 26.4 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

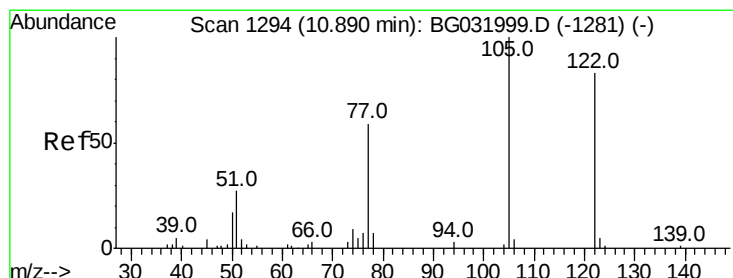
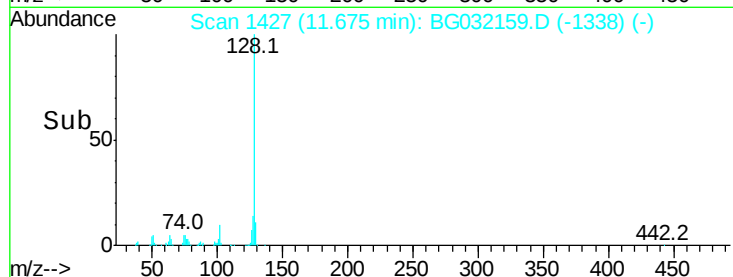
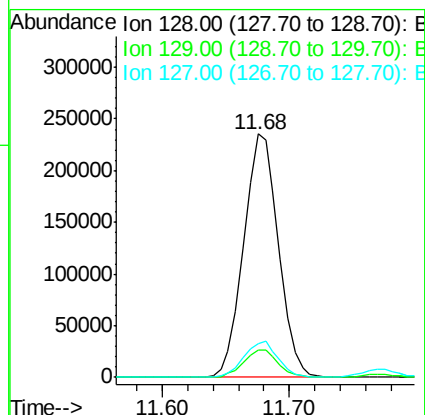
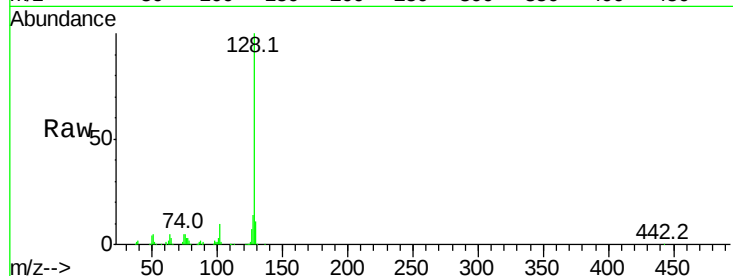




#31
Naphthalene
Concen: 46.591 ng
RT: 11.68 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

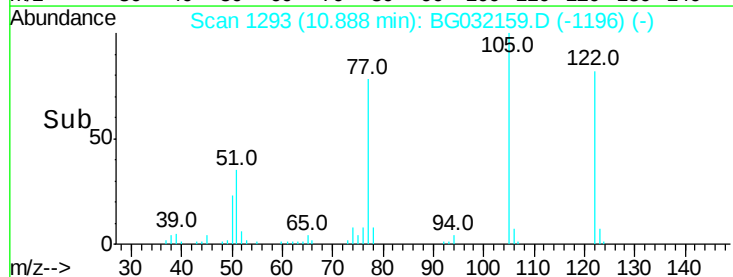
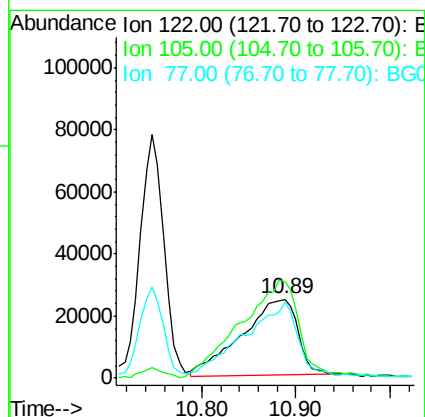
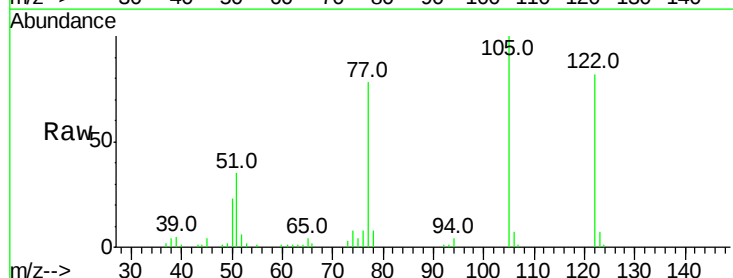
Instrument :
BNA_G
ClientSampleId :

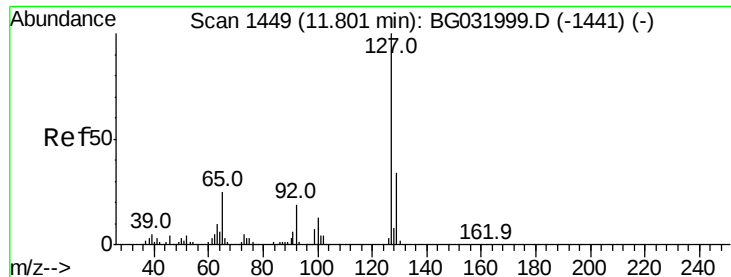
Tot Ion:128 Resp: 446749
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 47.443 ng
RT: 10.89 min Scan# 1293
Delta R.T. 0.04 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:122 Resp: 101981
Ion Ratio Lower Upper
122 100
105 122.7 123.5 163.5#
77 96.1 85.7 125.7

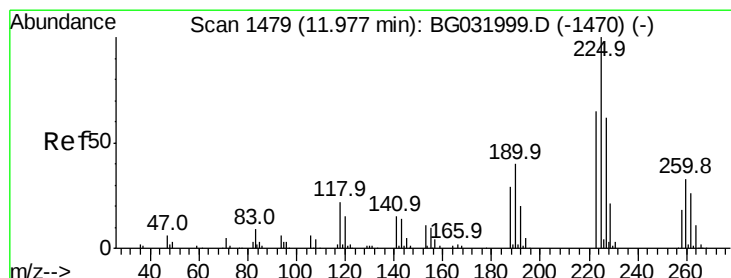
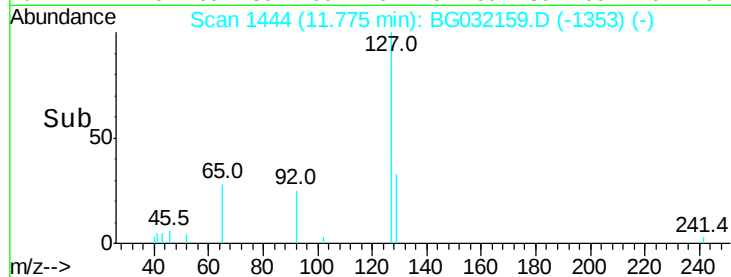
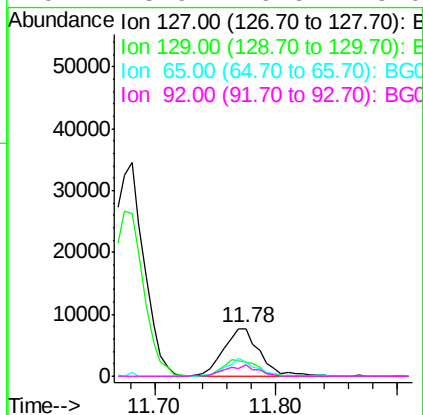
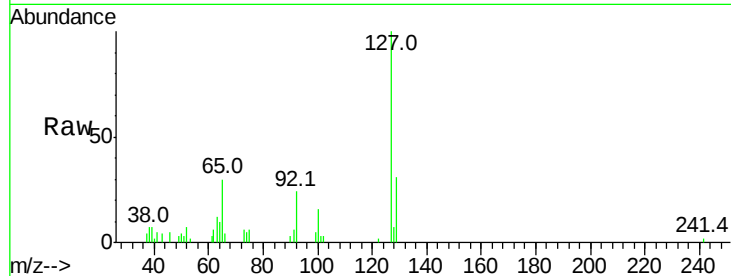




#33
 4-Chloroaniline
 Concen: 3.922 ng
 RT: 11.78 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

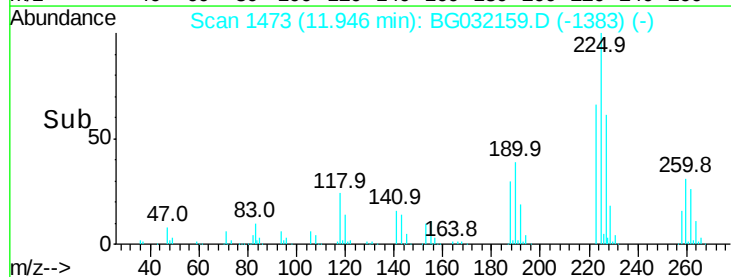
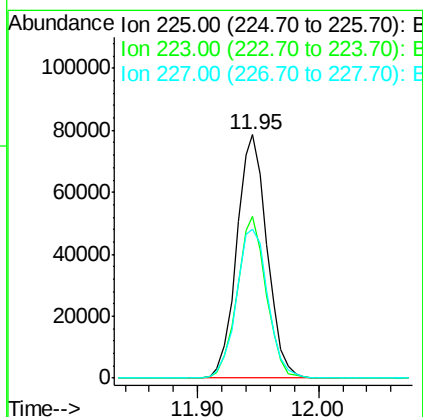
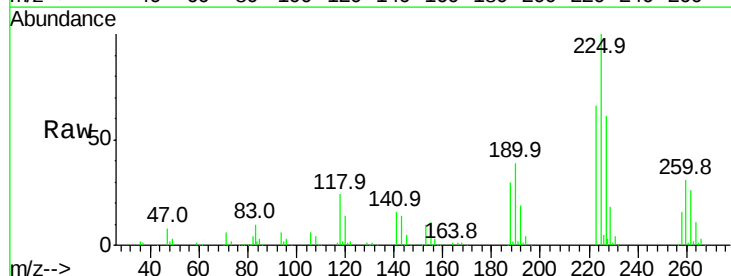
Instrument :
 BNA_G
 ClientSampleId :

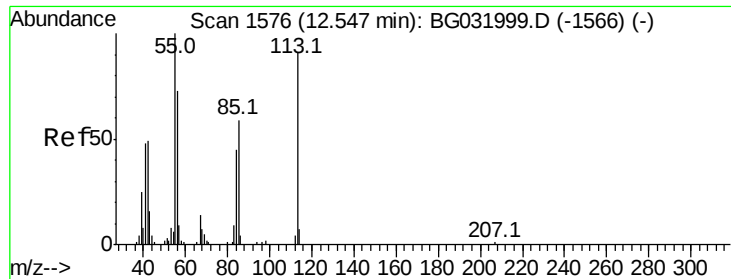
Tot Ion:	127	Resp:	16125
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	29.9	27.0	40.4
92	23.9	16.6	25.0



#34
 Hexachlorobutadiene
 Concen: 44.642 ng
 RT: 11.95 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion:	225	Resp:	136731
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.7	74.5
227	61.2	48.1	72.1





#35

Caprolactam

Concen: 41.640 ng

RT: 12.53 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

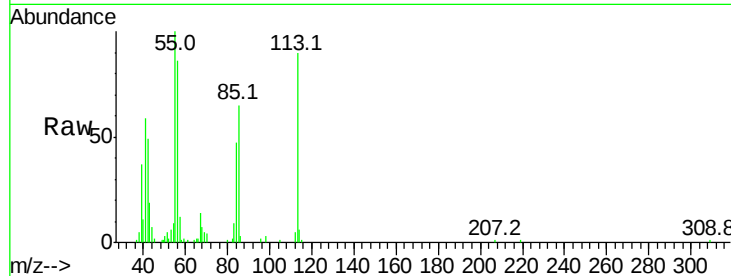
Tot Ion:113 Resp: 41711

Ion Ratio Lower Upper

113 100

55 111.7 186.9 226.9#

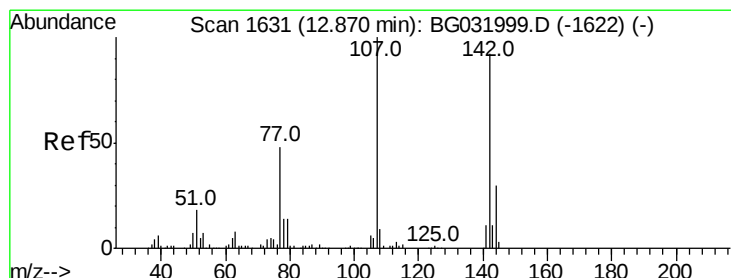
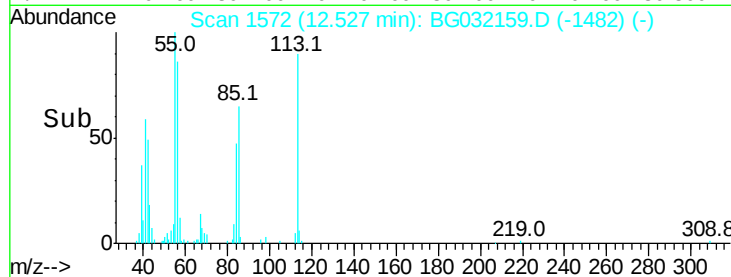
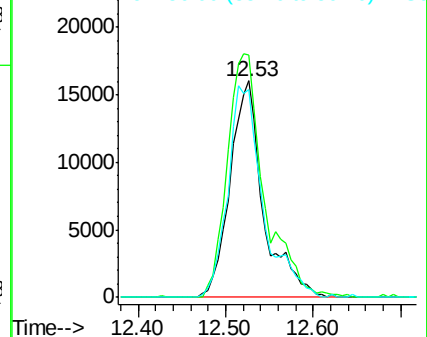
56 95.7 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 54.913 ng

RT: 12.85 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

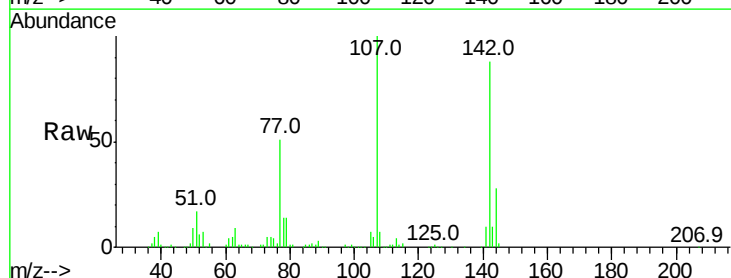
Tgt Ion:107 Resp: 165963

Ion Ratio Lower Upper

107 100

144 27.9 18.2 27.4#

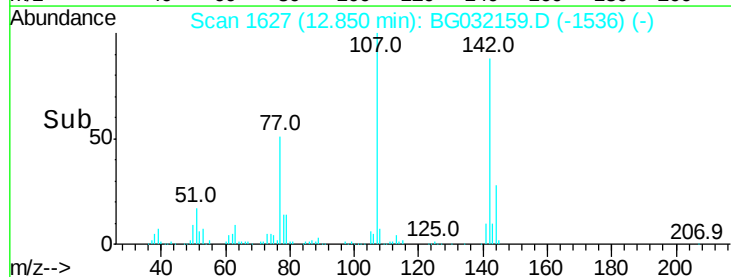
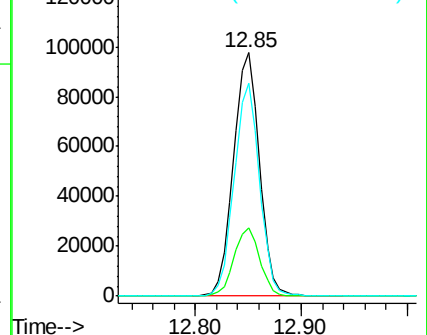
142 87.5 59.0 88.4

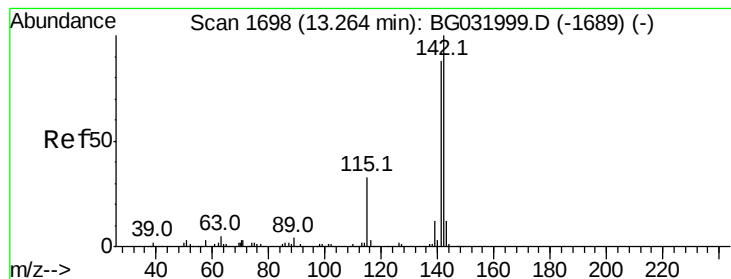


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.302 ng

RT: 13.24 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

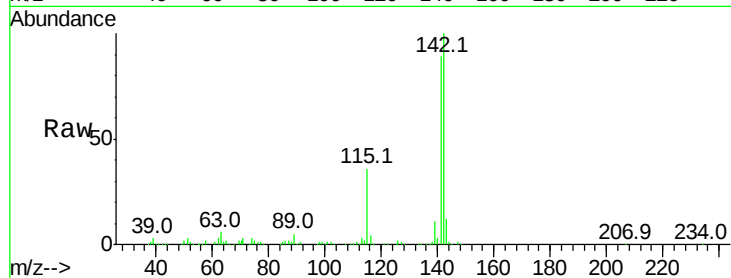
Tot Ion:142 Resp: 367709

Ion Ratio Lower Upper

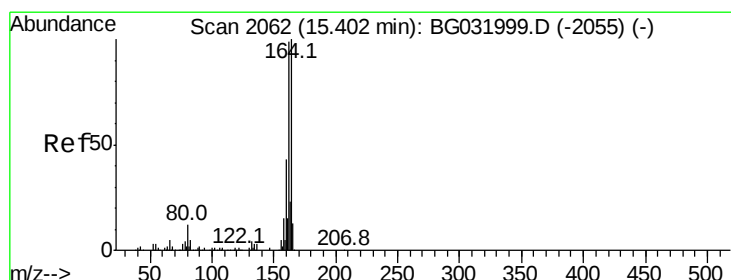
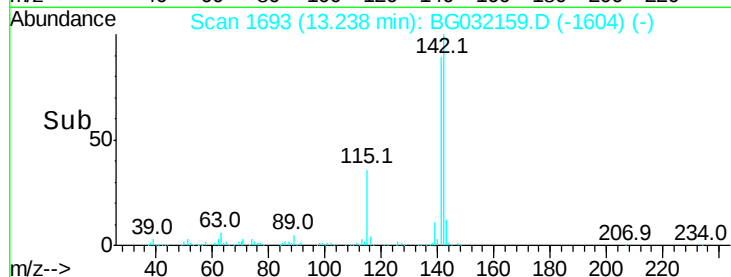
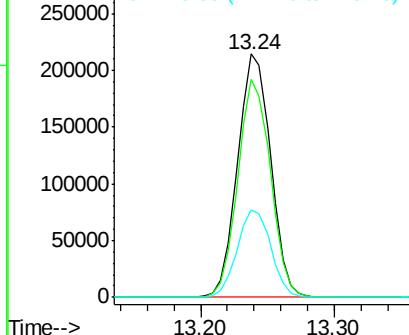
142 100

141 89.3 67.1 100.7

115 36.0 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

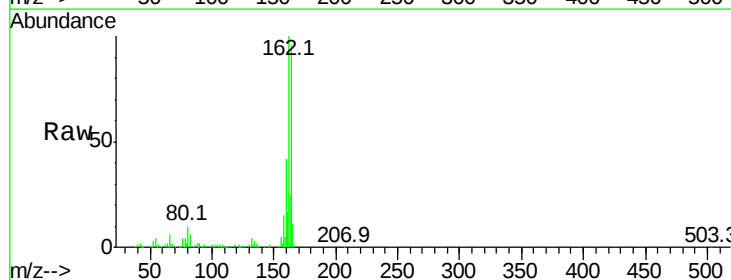
Tgt Ion:164 Resp: 139170

Ion Ratio Lower Upper

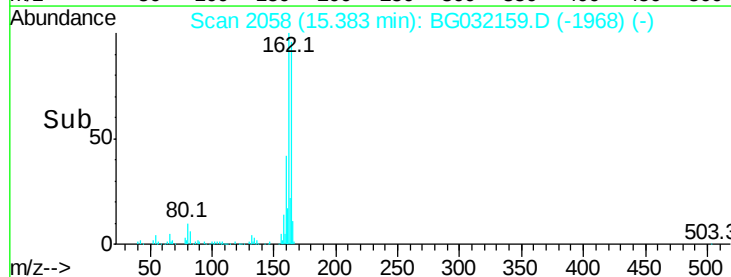
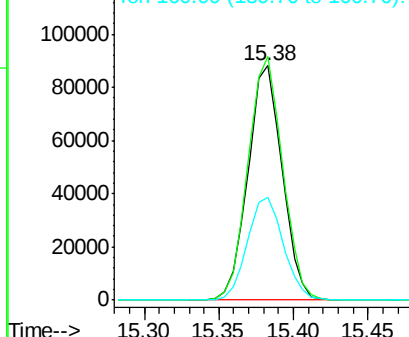
164 100

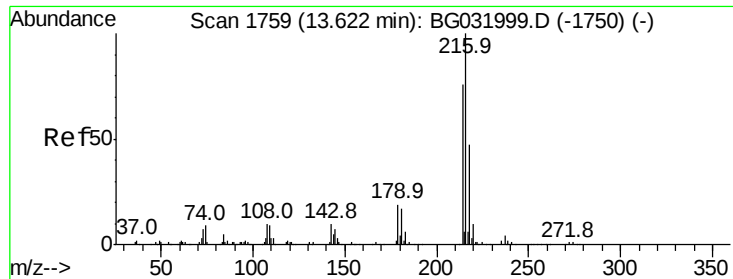
162 103.9 78.8 118.2

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.478 ng

RT: 13.60 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 275888

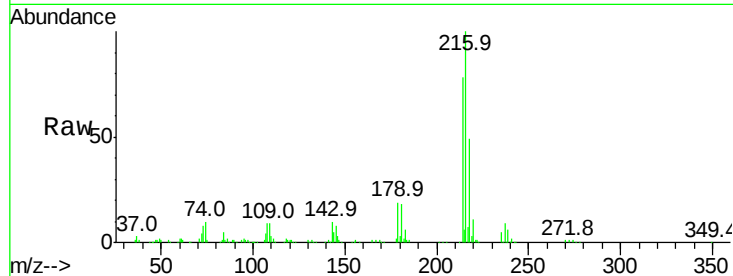
Ion Ratio Lower Upper

216 100

214 77.6 63.0 94.4

179 18.8 17.0 25.6

108 12.9 12.8 19.2

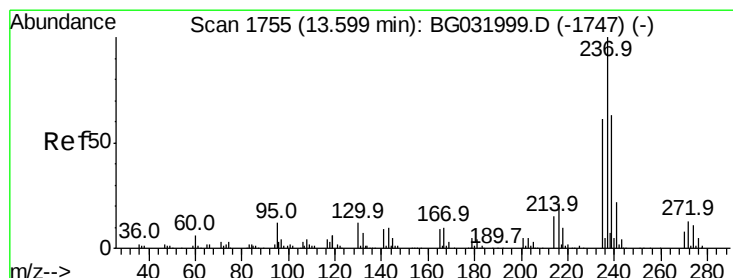
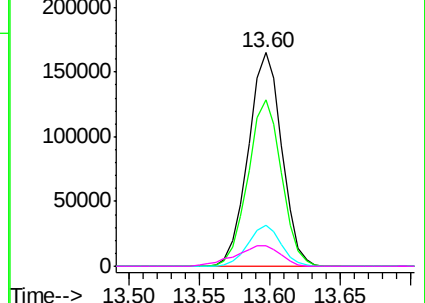
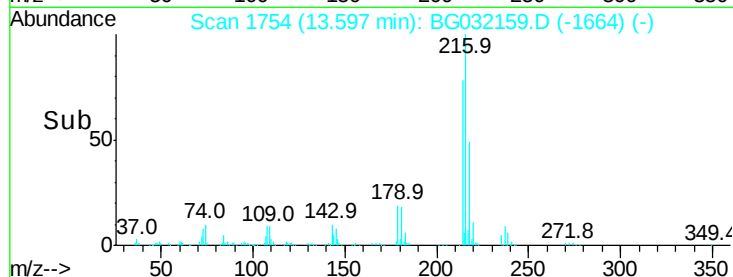


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 104.207 ng

RT: 13.57 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

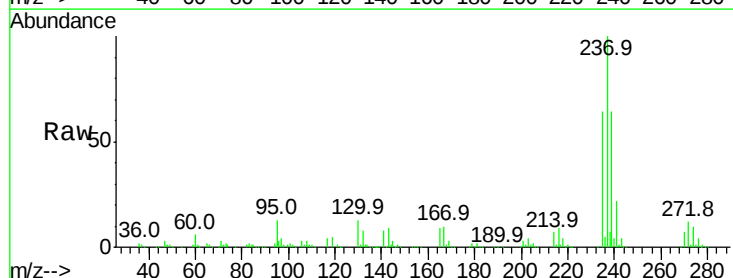
Tgt Ion:237 Resp: 356056

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

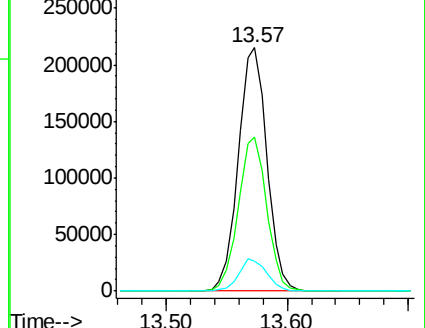
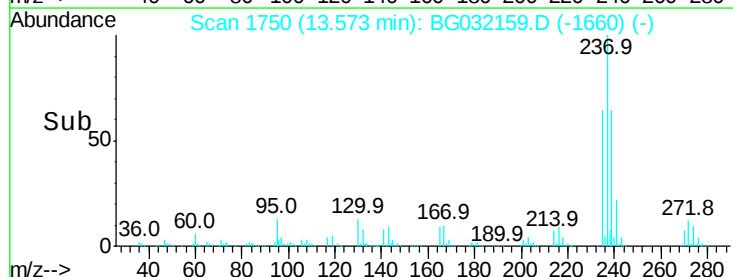
272 12.5 0.0 31.8

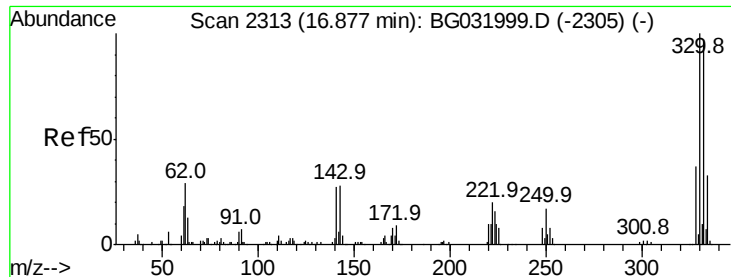


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 153.466 ng

RT: 16.86 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

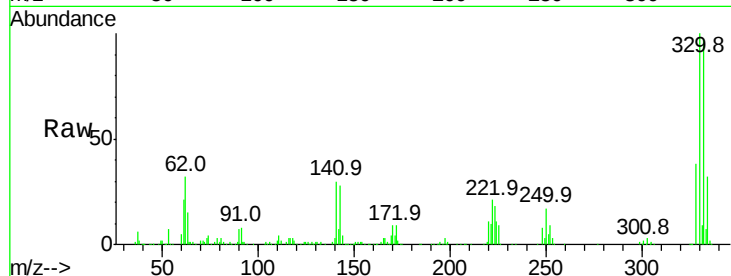
Tot Ion:330 Resp: 353423

Ion Ratio Lower Upper

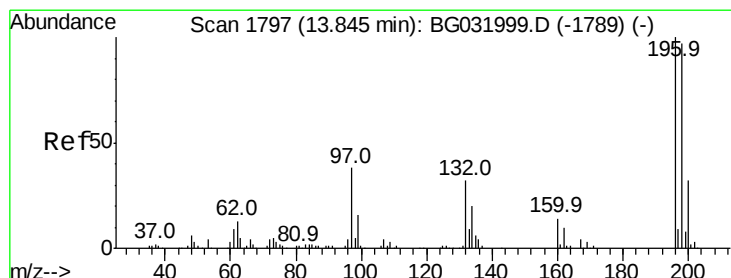
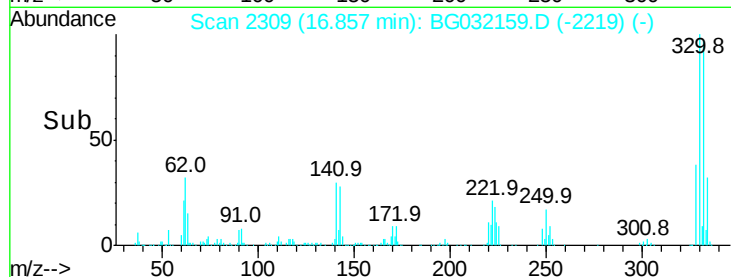
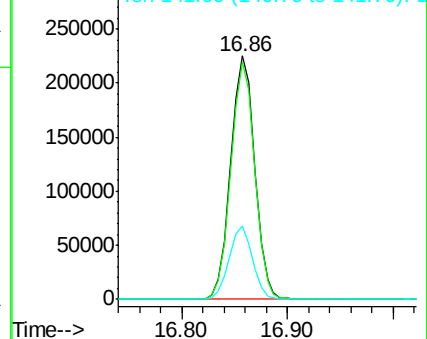
330 100

332 96.5 77.0 115.6

141 29.5 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



#42

2,4,6-Trichlorophenol

Concen: 51.016 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

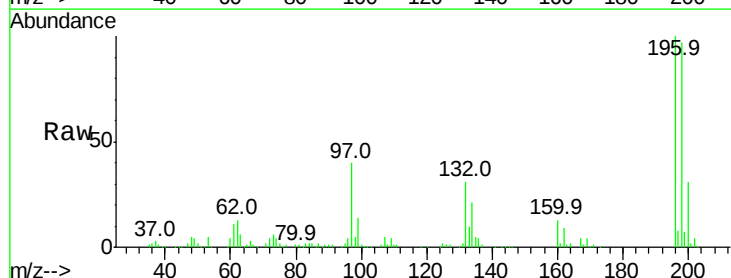
Tgt Ion:196 Resp: 173894

Ion Ratio Lower Upper

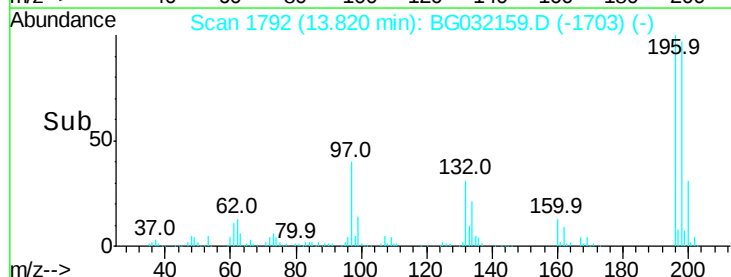
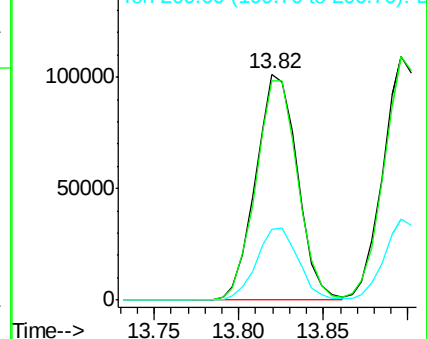
196 100

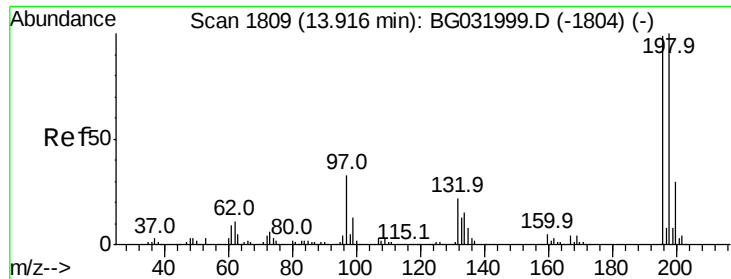
198 96.7 78.2 117.2

200 31.4 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

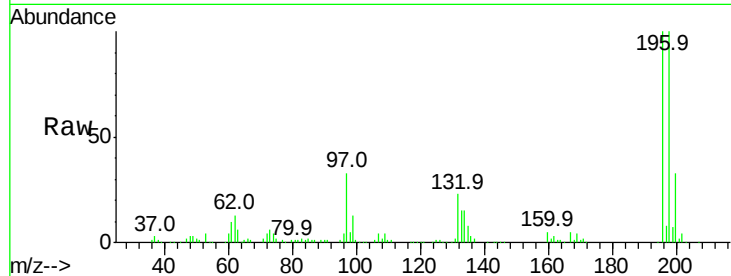




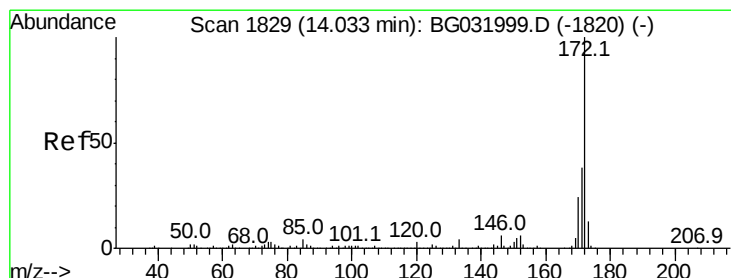
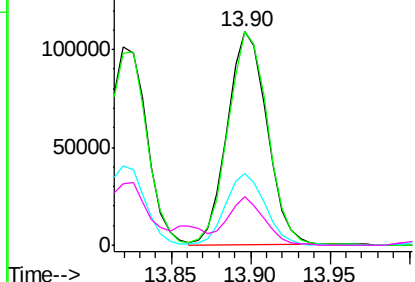
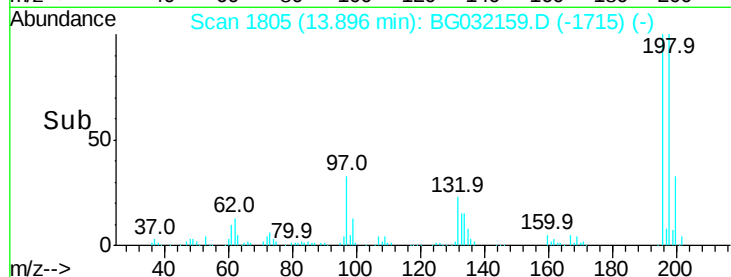
#43
 2,4,5-Trichlorophenol
 Concen: 47.874 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 188885
 Ion Ratio Lower Upper
 196 100
 198 100.1 76.2 114.4
 97 33.4 38.7 58.1#
 132 22.8 20.2 30.2

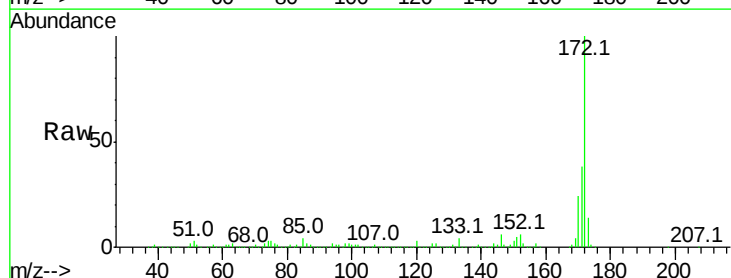


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

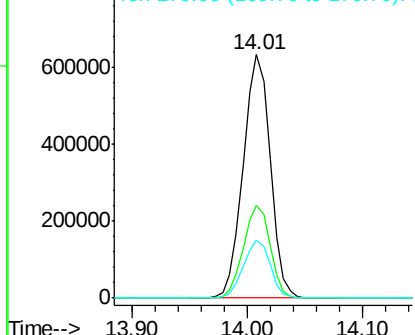
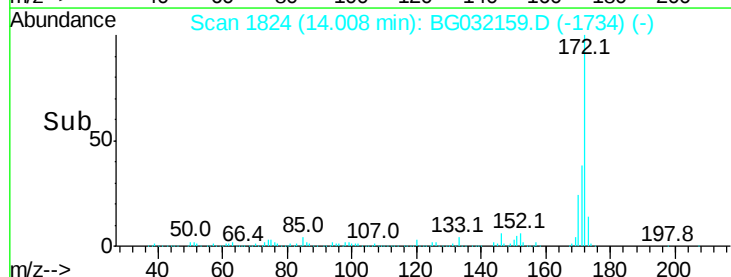


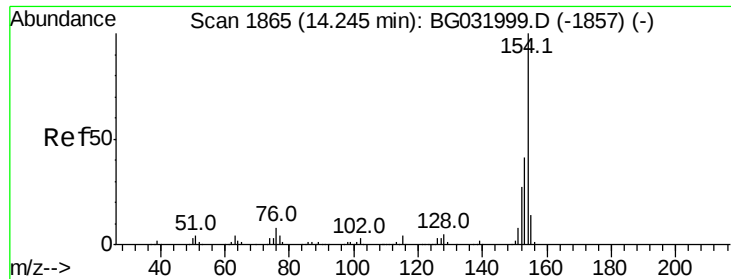
#44
 2-Fluorobiphenyl
 Concen: 91.938 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion:172 Resp: 1031898
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.1 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 44.226 ng

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

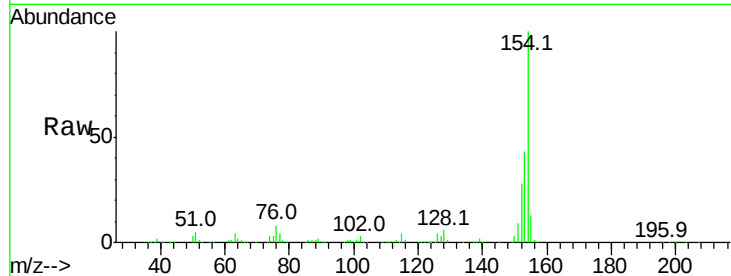
Tot Ion:154 Resp: 527642

Ion Ratio Lower Upper

154 100

153 43.3 19.8 59.8

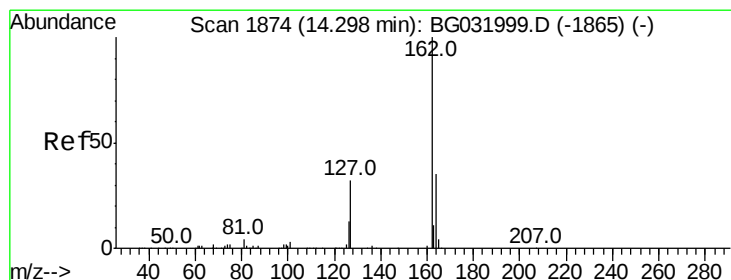
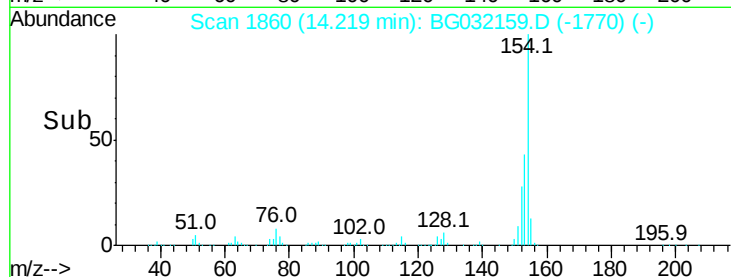
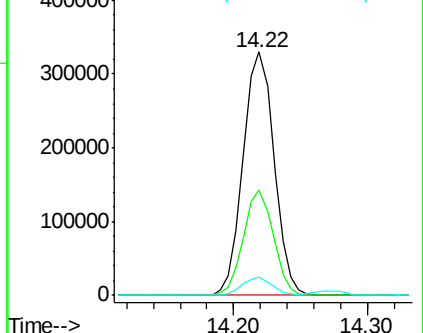
76 7.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.492 ng

RT: 14.27 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

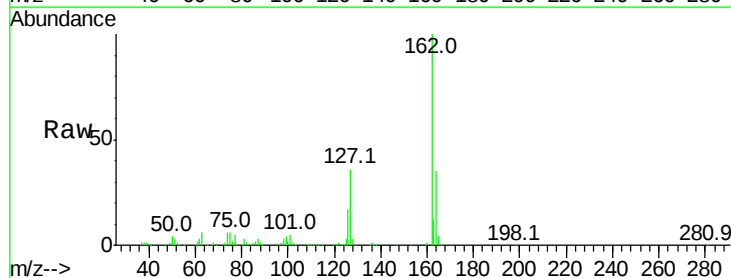
Tgt Ion:162 Resp: 403666

Ion Ratio Lower Upper

162 100

127 36.0 30.7 46.1

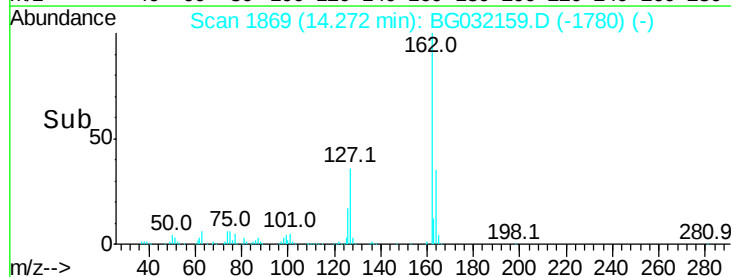
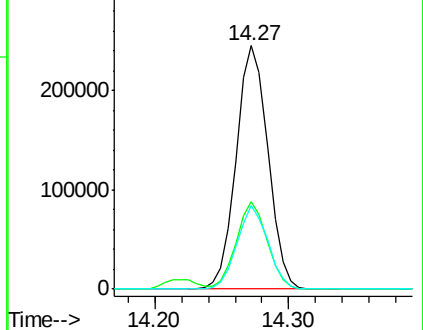
164 34.5 26.0 39.0

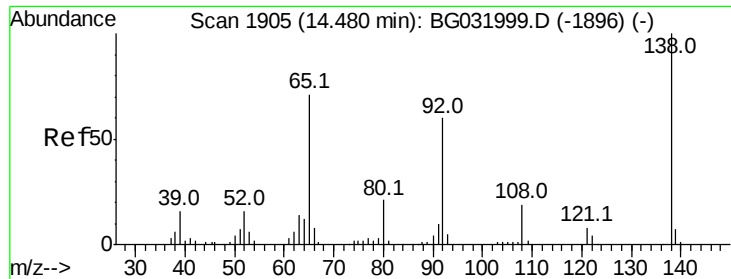


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

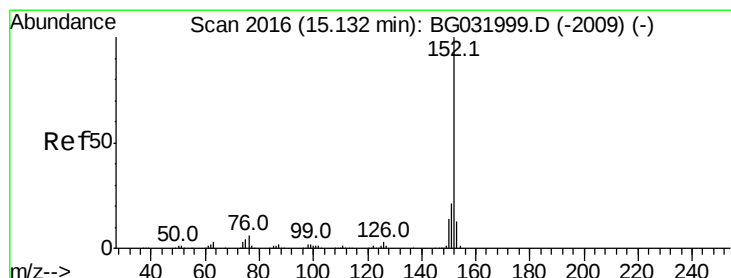
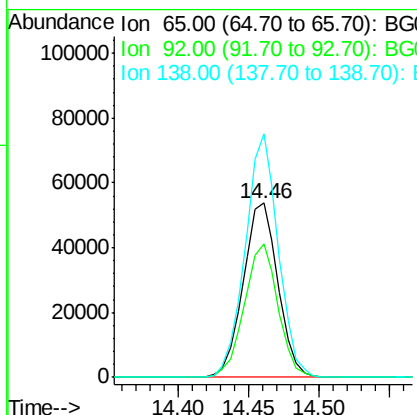
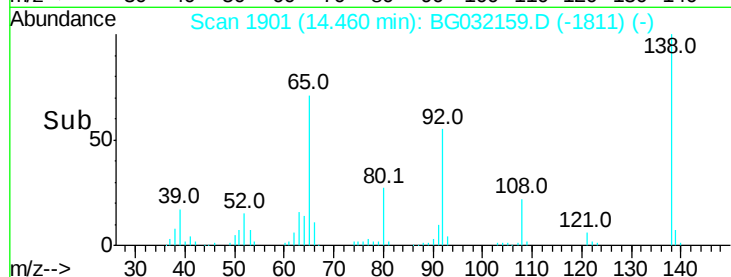
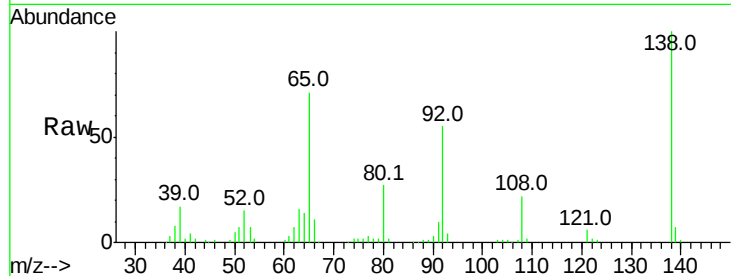




#47
2-Nitroaniline
Concen: 51.965 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

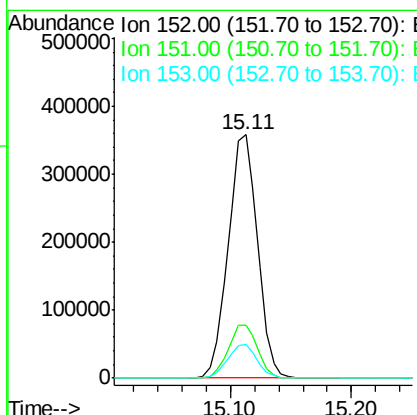
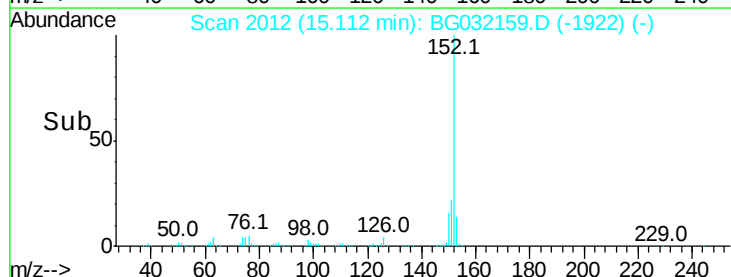
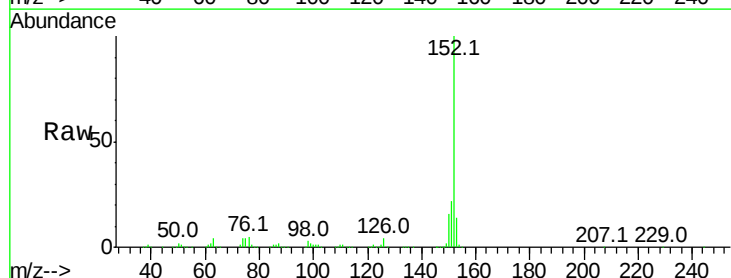
Instrument :
BNA_G
ClientSampled :

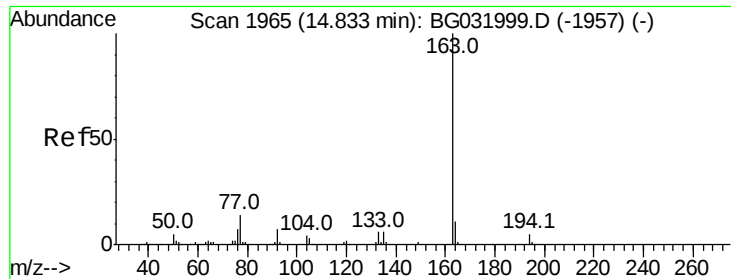
Tot Ion: 65 Resp: 92332
Ion Ratio Lower Upper
65 100
92 76.7 54.6 82.0
138 140.0 72.9 109.3#



#48
Acenaphthylene
Concen: 42.694 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:152 Resp: 603416
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 45.879 ng

RT: 14.81 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

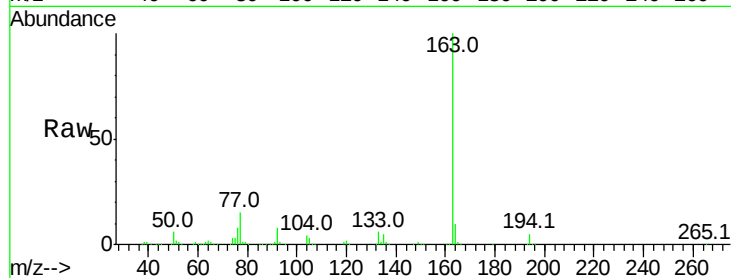
Tot Ion:163 Resp: 558734

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

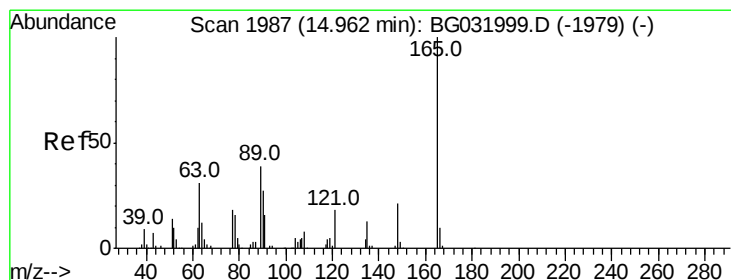
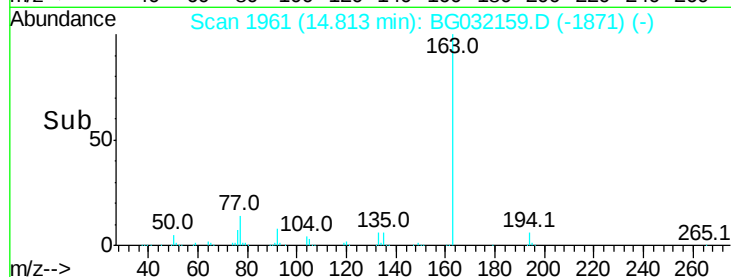
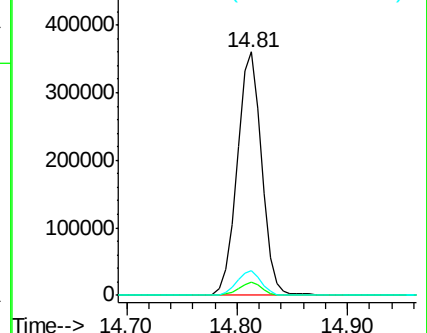
164 10.1 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 50.405 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

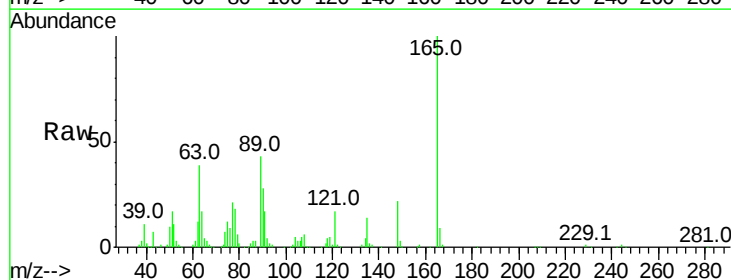
Tgt Ion:165 Resp: 127417

Ion Ratio Lower Upper

165 100

63 38.9 52.7 79.1#

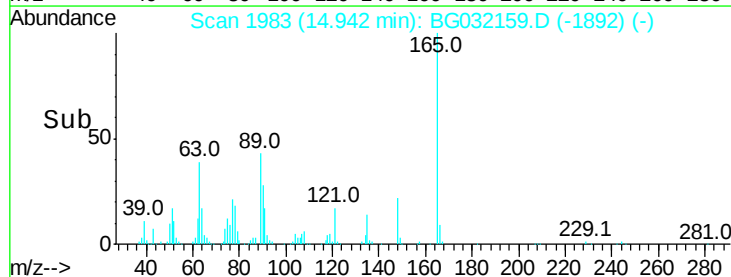
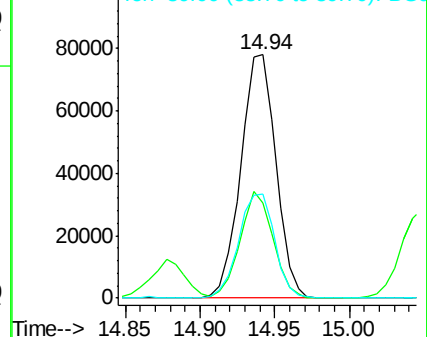
89 42.5 49.2 73.8#

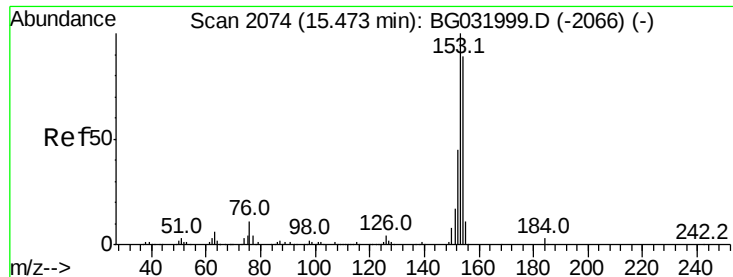


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.704 ng

RT: 15.45 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

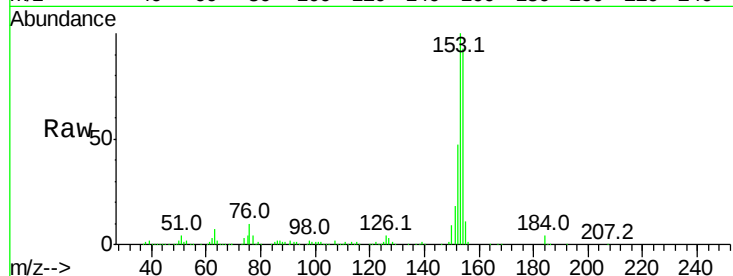
Tot Ion:154 Resp: 492557

Ion Ratio Lower Upper

154 100

153 107.3 90.4 135.6

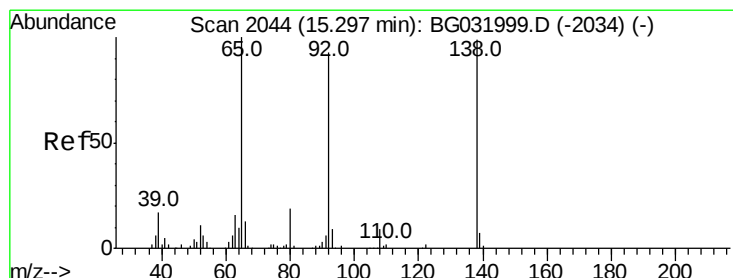
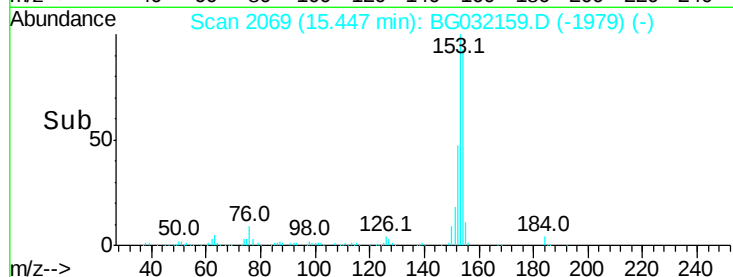
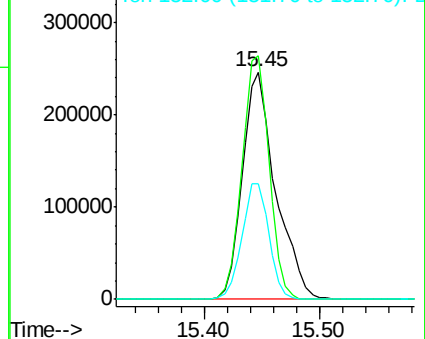
152 51.0 41.6 62.4



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: 9.321 ng

RT: 15.27 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

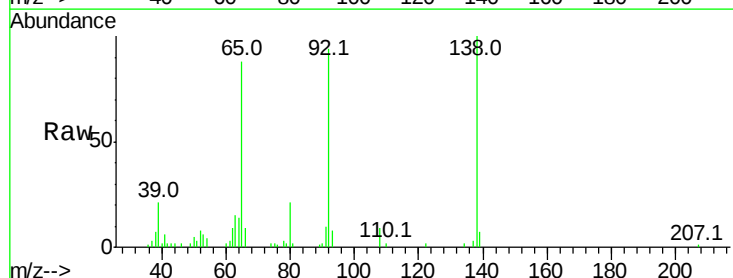
Tgt Ion:138 Resp: 21280

Ion Ratio Lower Upper

138 100

108 8.9 17.5 26.3#

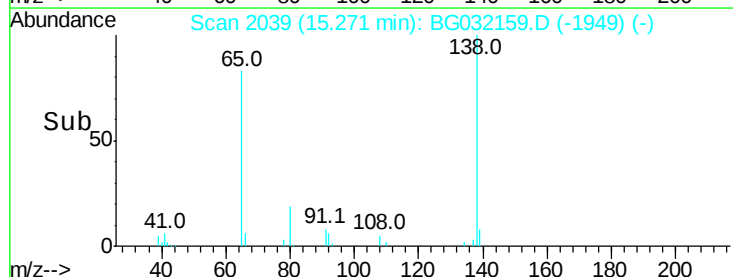
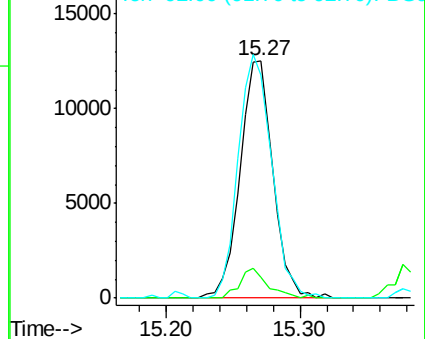
92 93.7 105.8 158.8#

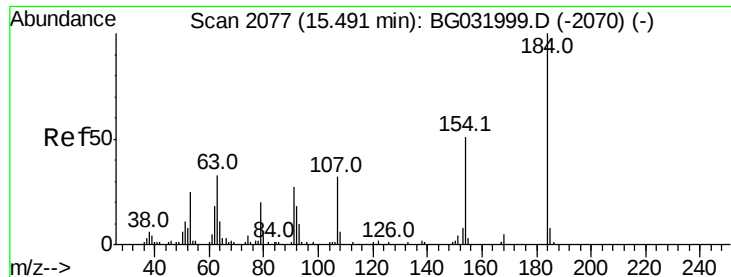


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

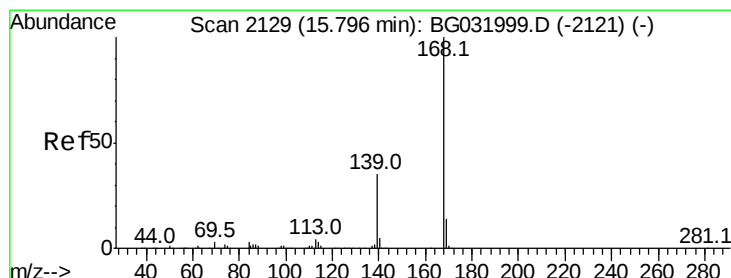
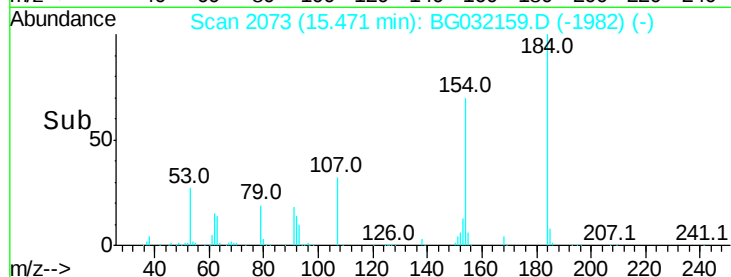
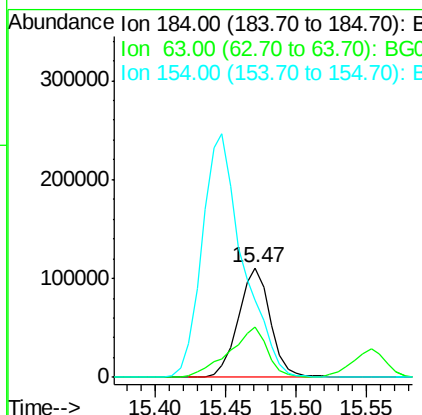
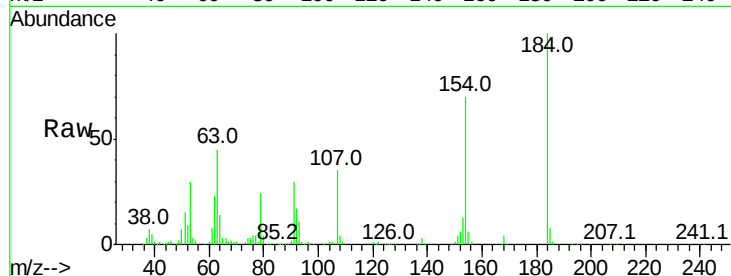




#53
 2,4-Dinitrophenol
 Concen: 132.374 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

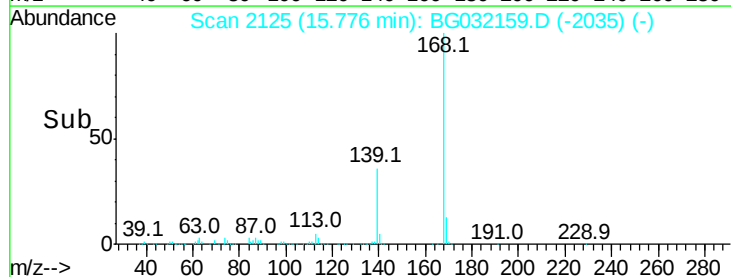
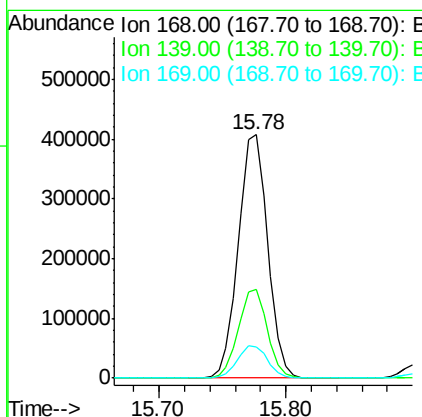
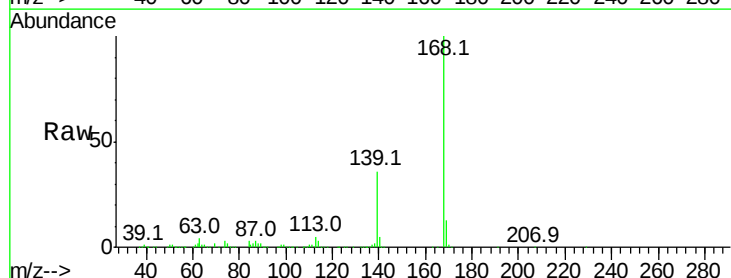
Instrument :
 BNA_G
 ClientSampleId :

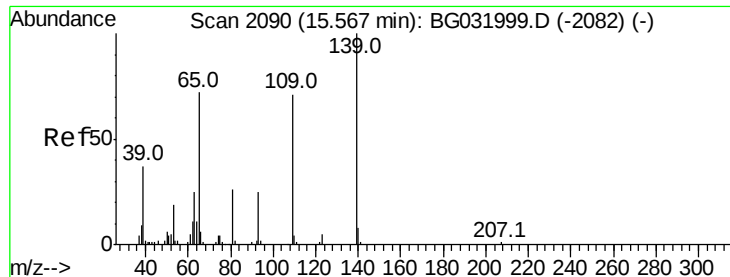
Tot Ion:184 Resp: 174189
 Ion Ratio Lower Upper
 184 100
 63 45.4 59.8 89.8#
 154 70.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 46.884 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion:168 Resp: 653632
 Ion Ratio Lower Upper
 168 100
 139 36.2 28.6 43.0
 169 13.0 11.2 16.8





#55

4-Nitrophenol

Concen: 102.310 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

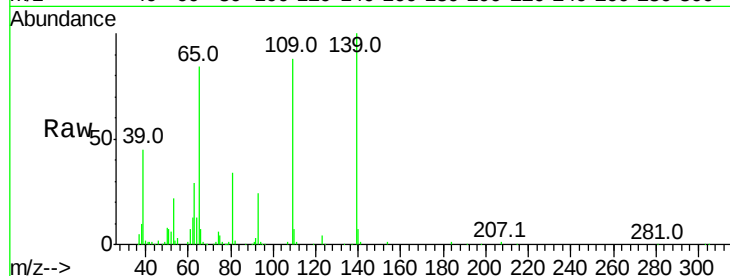
Tot Ion:139 Resp: 170229

Ion Ratio Lower Upper

139 100

109 88.3 62.2 102.2

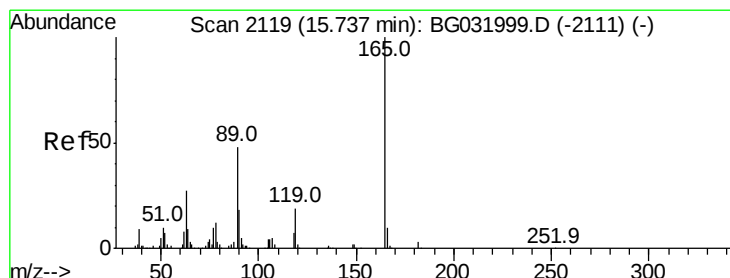
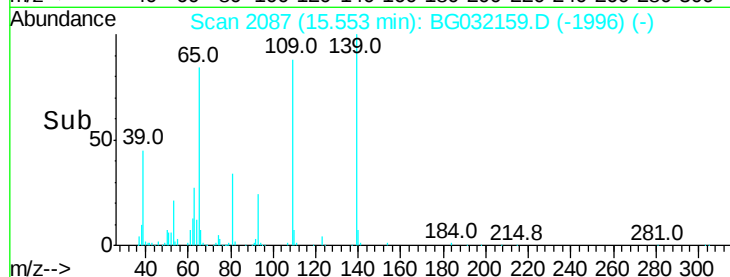
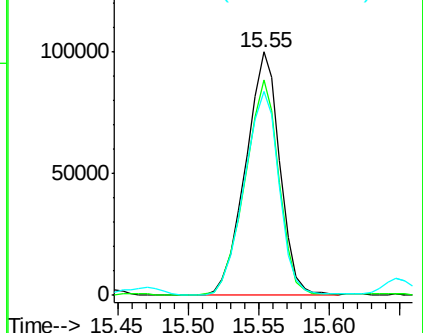
65 83.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 53.685 ng

RT: 15.72 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:165 Resp: 182707

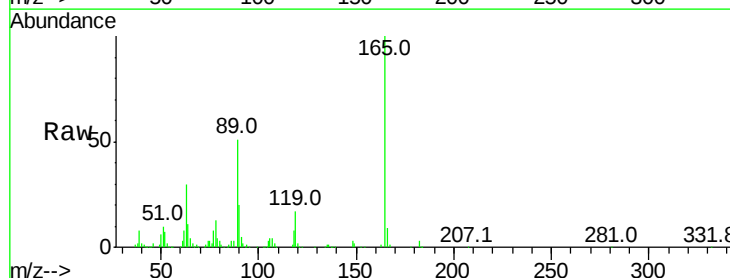
Ion Ratio Lower Upper

165 100

63 30.0 42.0 63.0#

89 51.5 66.9 100.3#

182 3.0 2.6 3.8

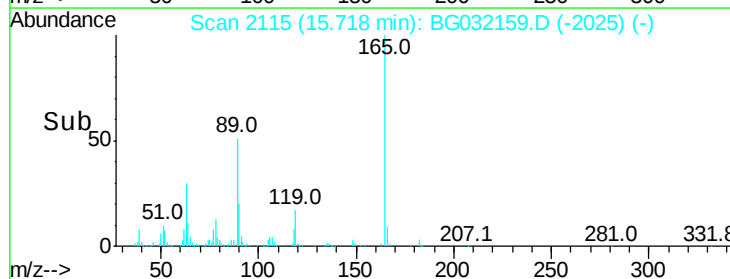
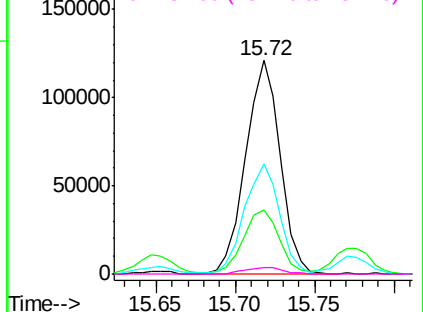


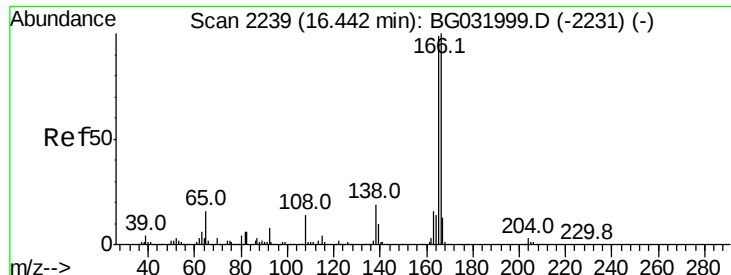
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

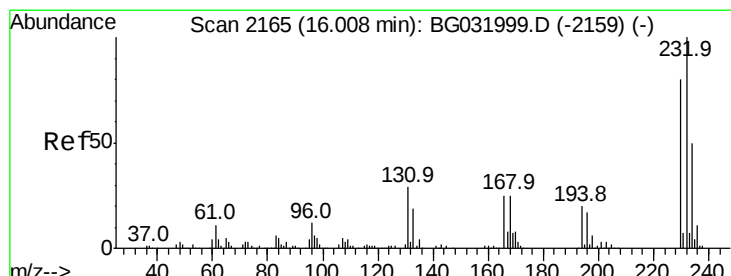
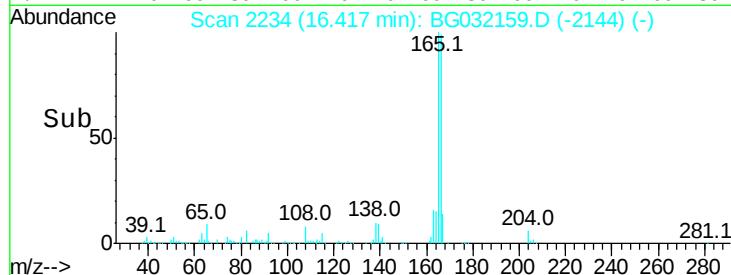
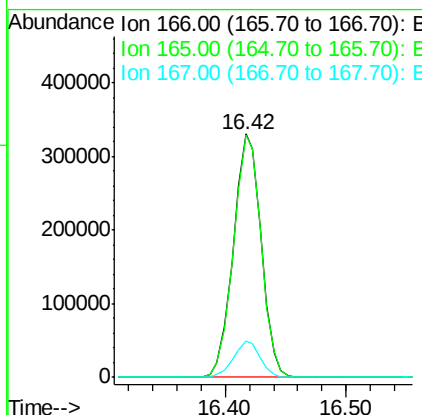
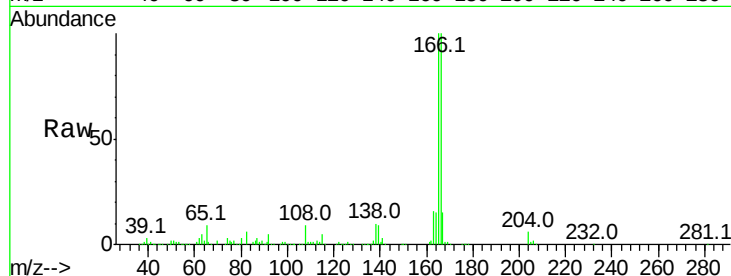




#57
 Fluorene
 Concen: 46.196 ng
 RT: 16.42 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

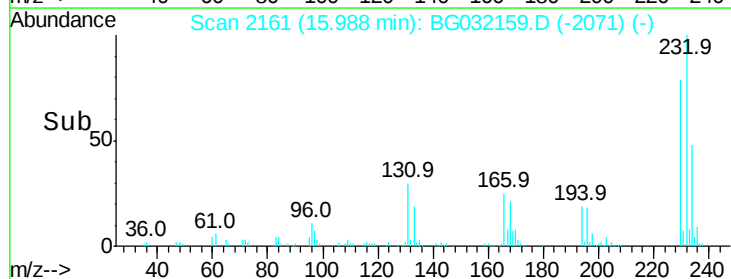
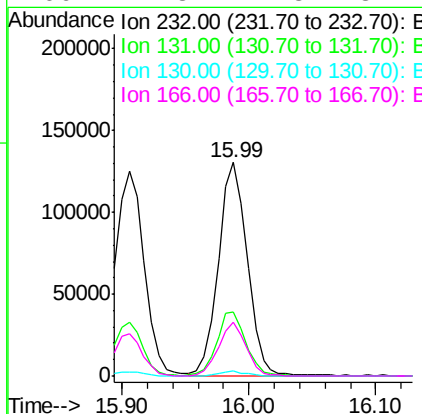
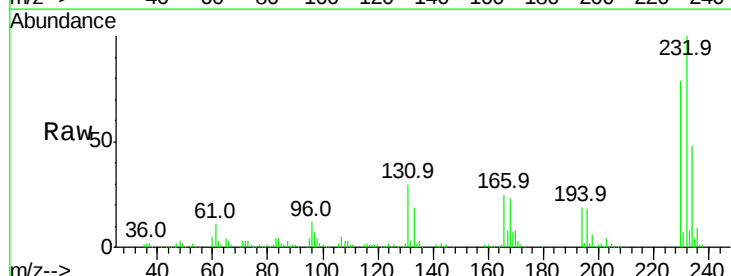
Instrument :
 BNA_G
 ClientSampleId :

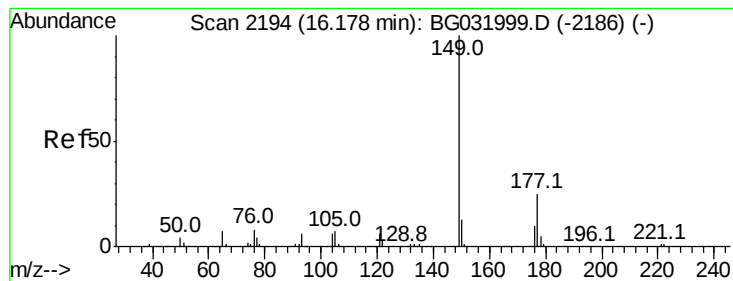
Tot Ion:166 Resp: 528210
 Ion Ratio Lower Upper
 166 100
 165 99.6 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.297 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion:232 Resp: 205475
 Ion Ratio Lower Upper
 232 100
 131 30.2 33.5 50.3#
 130 2.0 2.2 3.2#
 166 24.3 24.8 37.2#





#59

Diethylphthalate

Concen: 46.544 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

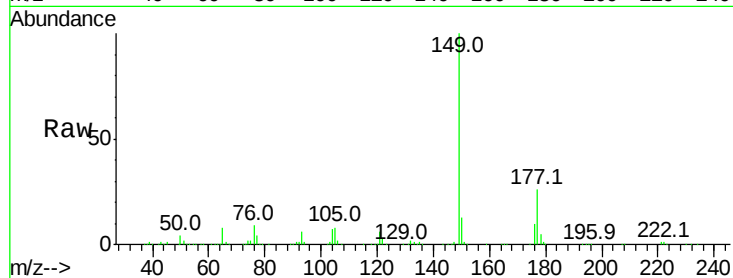
Tot Ion:149 Resp: 549525

Ion Ratio Lower Upper

149 100

177 25.7 18.5 27.7

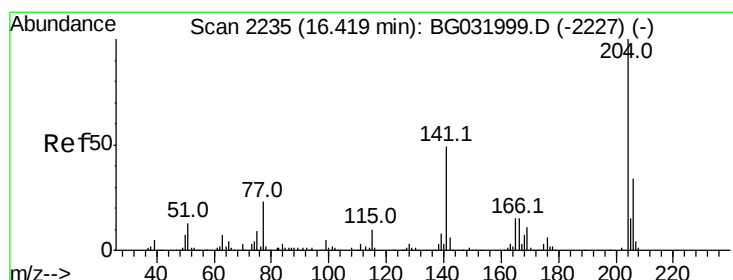
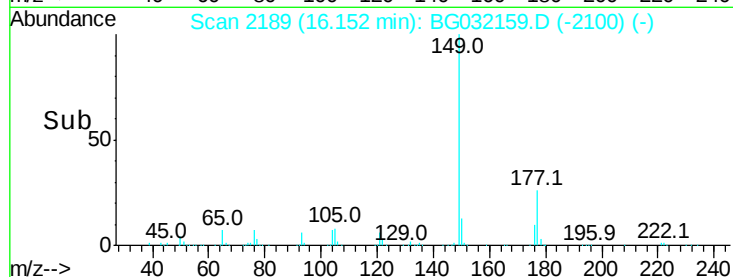
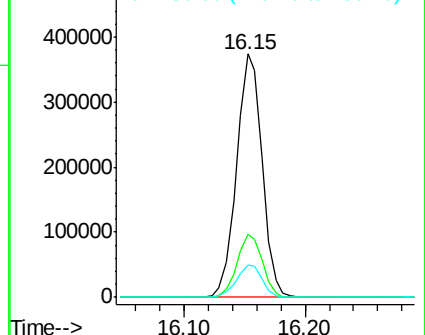
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.732 ng

RT: 16.39 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

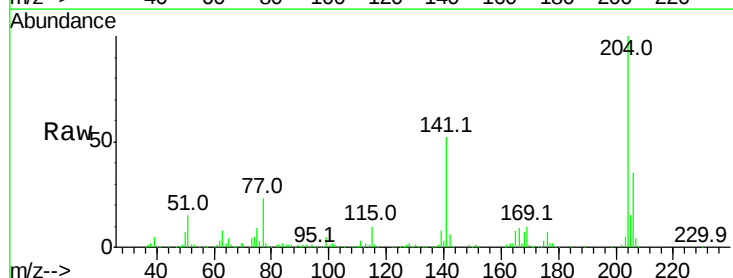
Tgt Ion:204 Resp: 334795

Ion Ratio Lower Upper

204 100

206 35.3 26.2 39.2

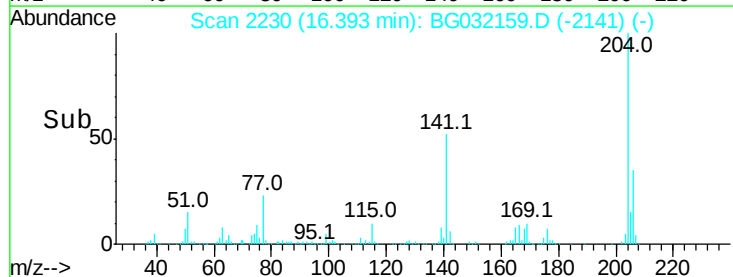
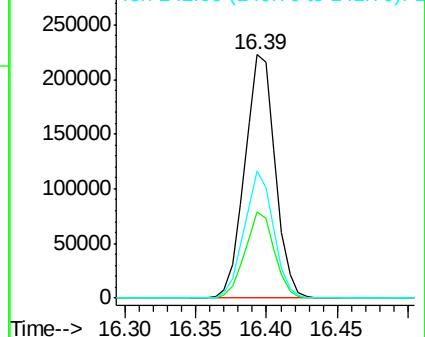
141 52.3 45.8 68.6

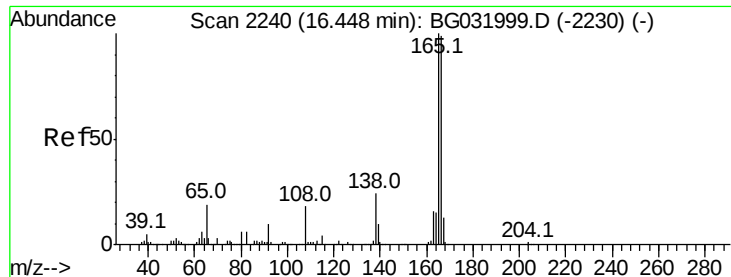


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.317 ng

RT: 16.42 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

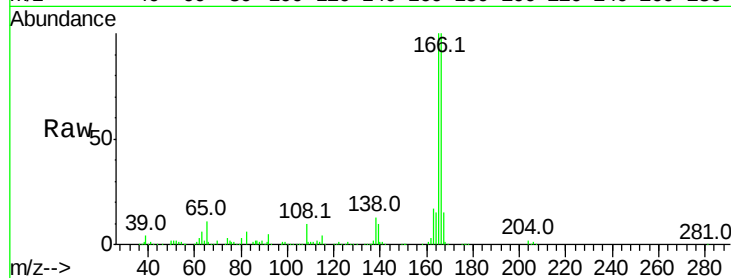
Tot Ion:138 Resp: 66397

Ion Ratio Lower Upper

138 100

92 39.9 40.1 80.1#

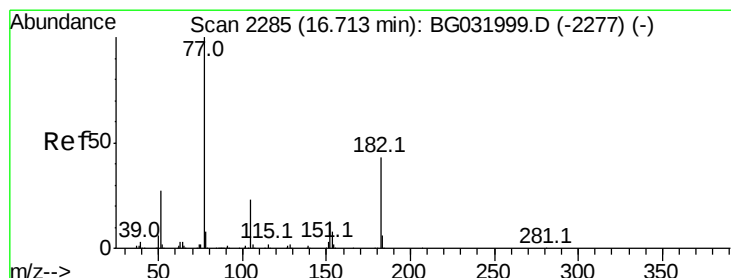
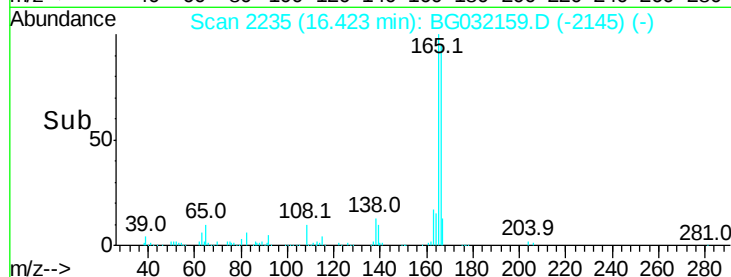
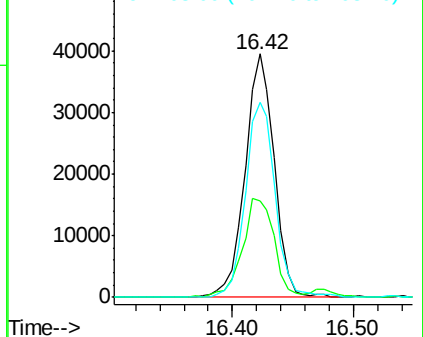
108 80.2 65.4 105.4



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: 47.226 ng

RT: 16.69 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion: 77 Resp: 348990

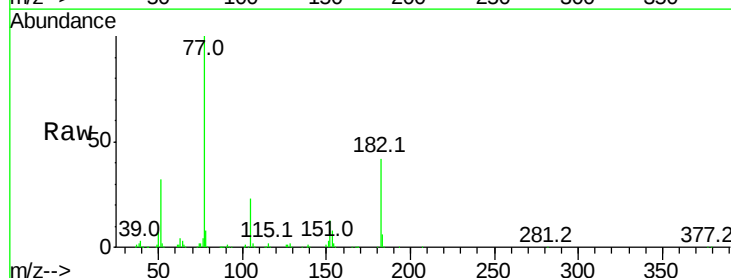
Ion Ratio Lower Upper

77 100

182 42.1 7.4 47.4

105 22.5 0.3 40.3

51 31.6 11.6 51.6

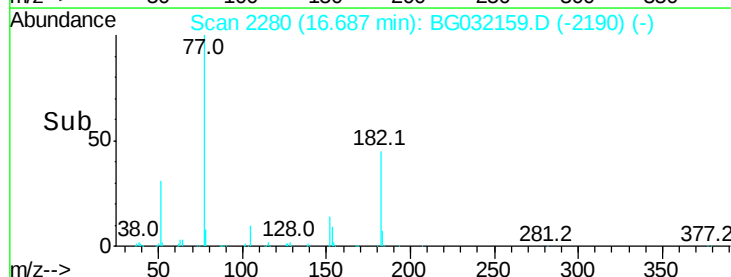
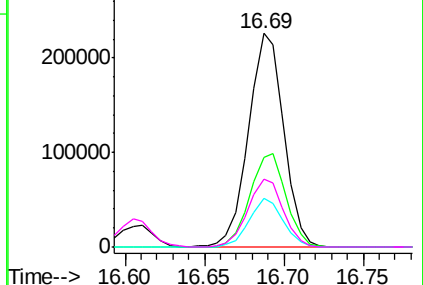


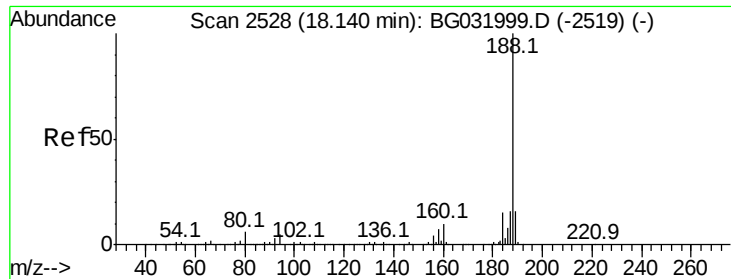
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

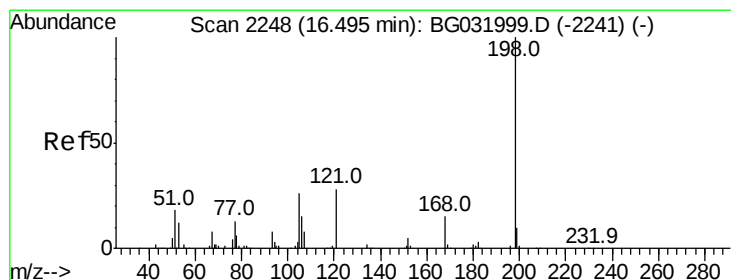
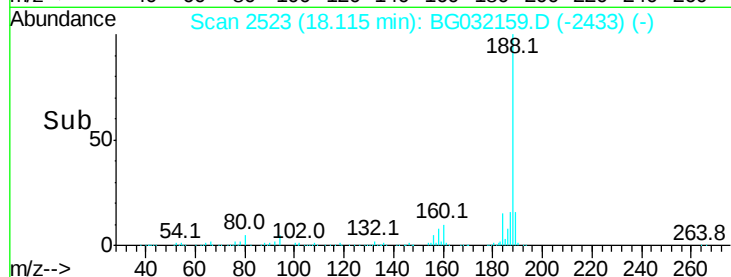
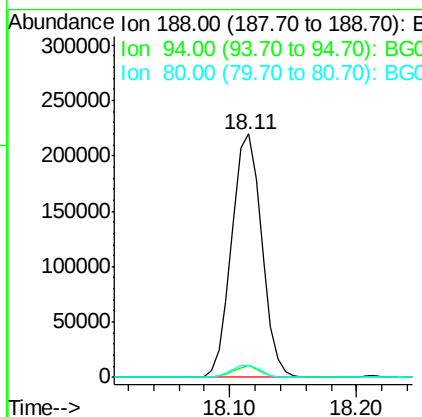
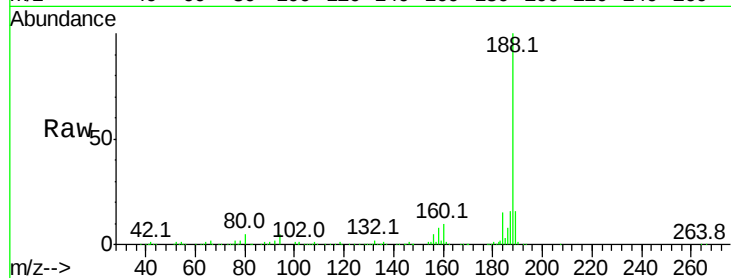




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

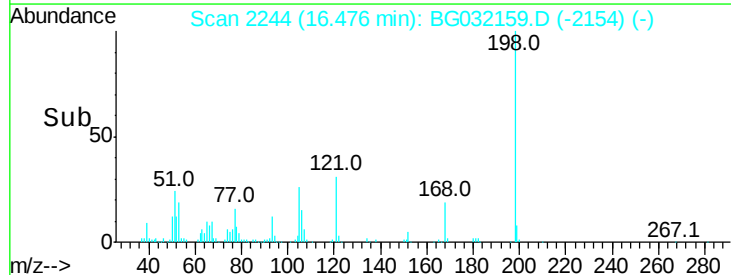
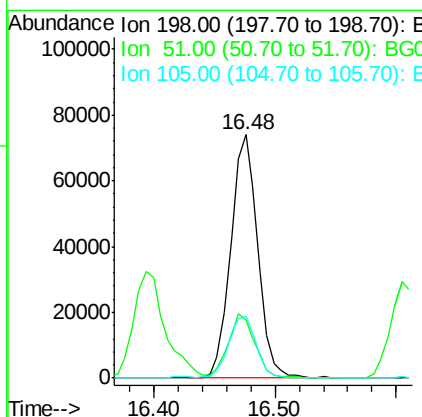
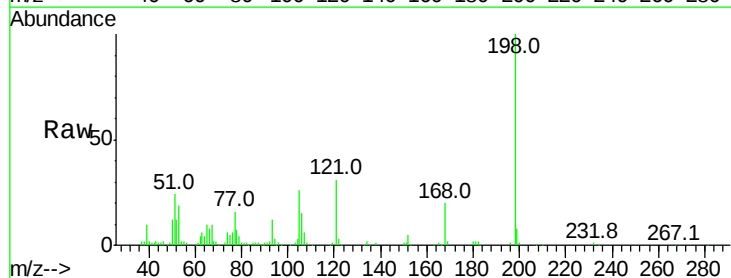
Instrument :
BNA_G
ClientSampleId :

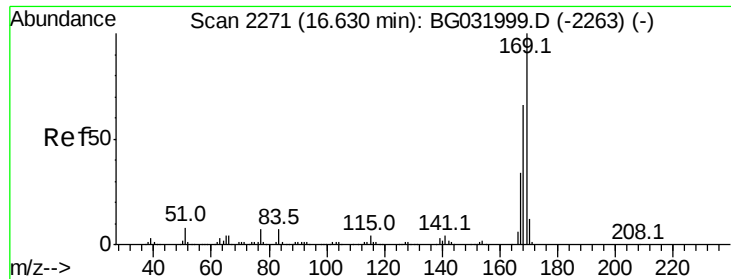
Tot Ion:188 Resp: 359215
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 4.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.712 ng
RT: 16.48 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:198 Resp: 114744
Ion Ratio Lower Upper
198 100
51 23.8 30.6 70.6#
105 25.7 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.682 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

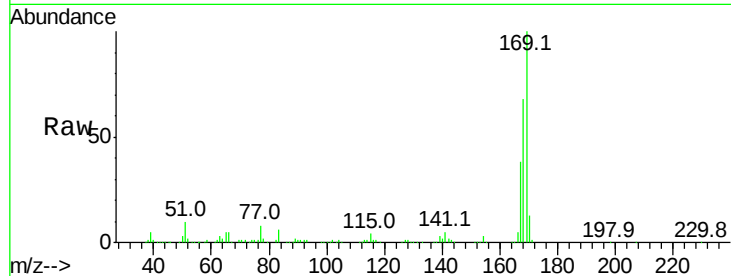
Tot Ion:169 Resp: 465233

Ion Ratio Lower Upper

169 100

168 67.7 55.7 83.5

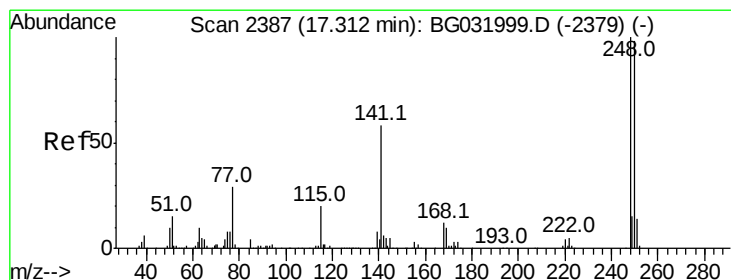
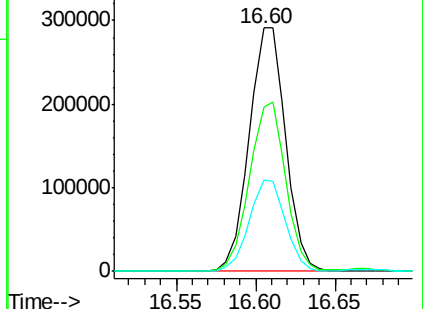
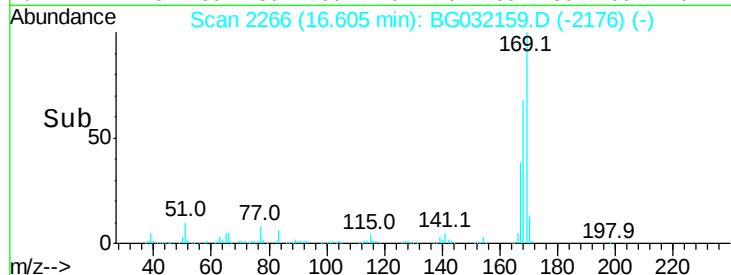
167 37.5 30.1 45.1



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: 48.236 ng

RT: 17.29 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

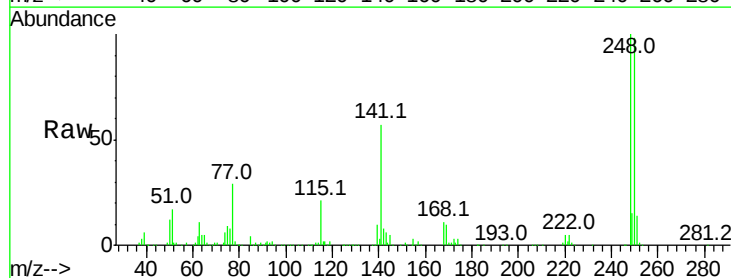
Tgt Ion:248 Resp: 246532

Ion Ratio Lower Upper

248 100

250 97.6 77.1 115.7

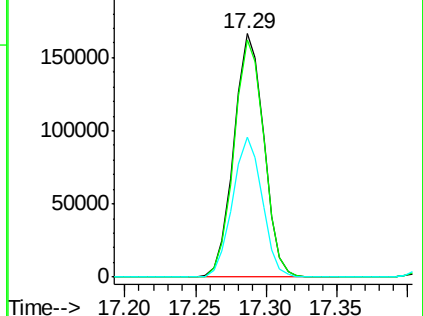
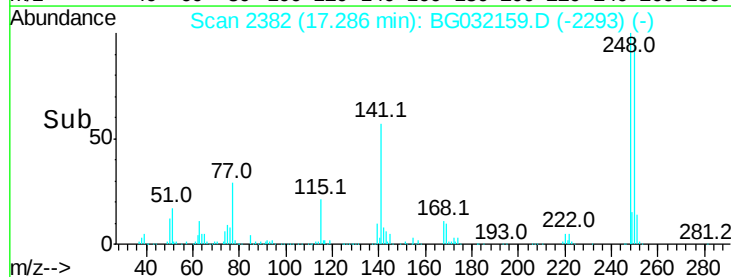
141 57.5 50.8 76.2

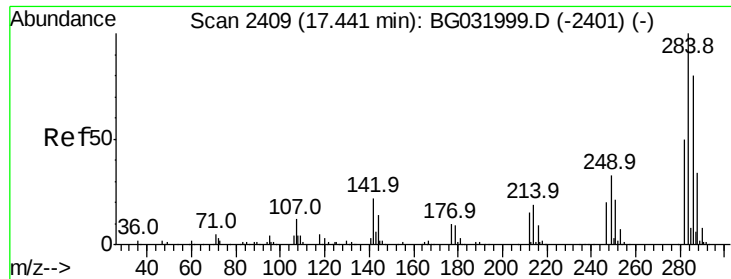


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

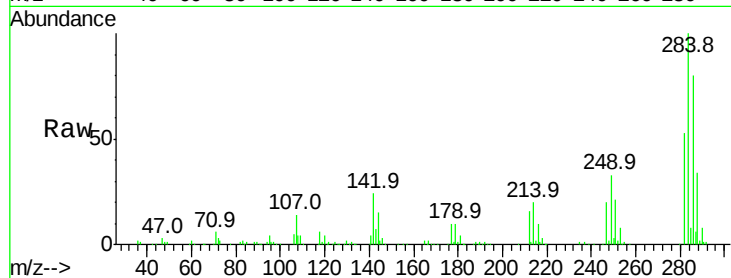




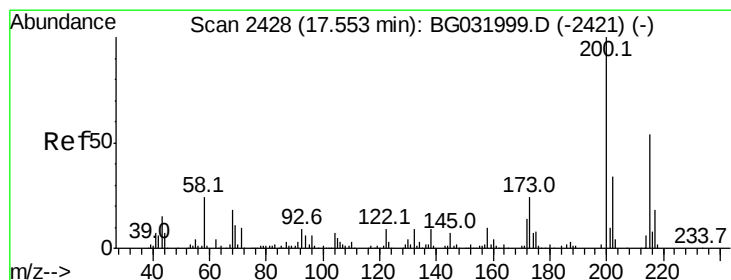
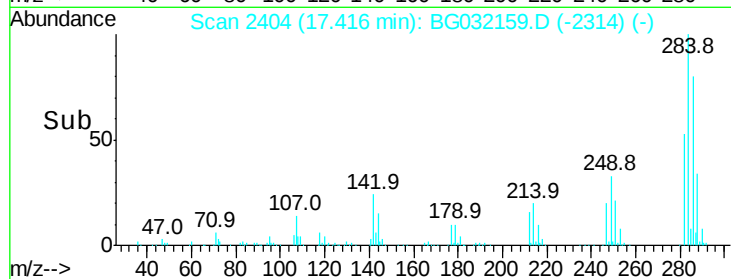
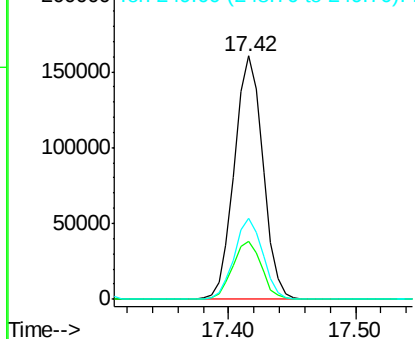
#67
Hexachlorobenzene
Concen: 44.022 ng
RT: 17.42 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 248923
Ion Ratio Lower Upper
284 100
142 23.9 26.8 40.2#
249 33.4 26.3 39.5

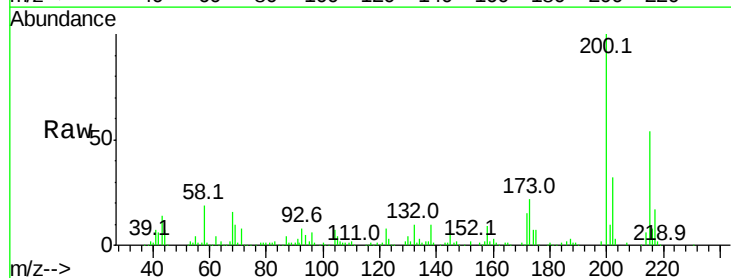


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

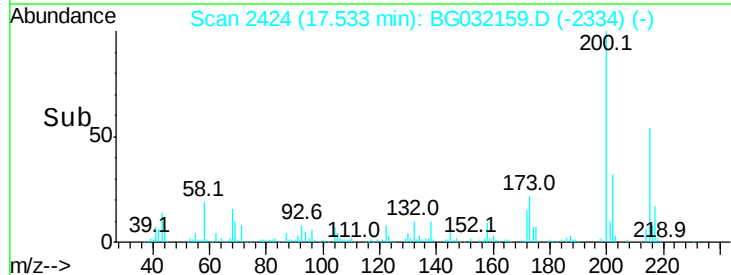
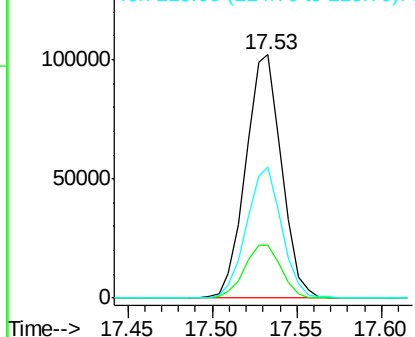


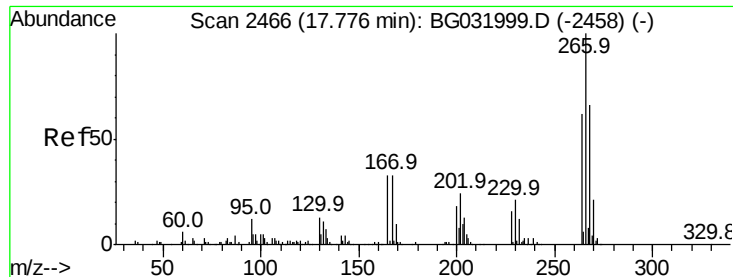
#68
Atrazine
Concen: 32.761 ng
RT: 17.53 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:200 Resp: 150174
Ion Ratio Lower Upper
200 100
173 21.9 5.2 45.2
215 53.6 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

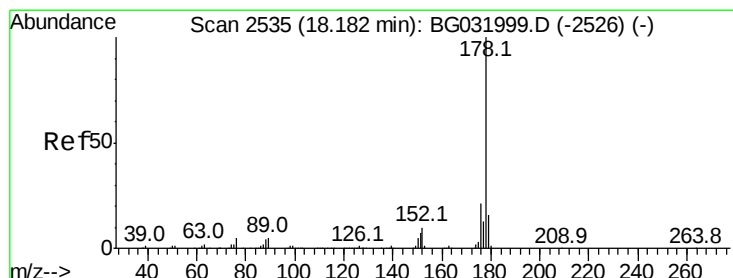
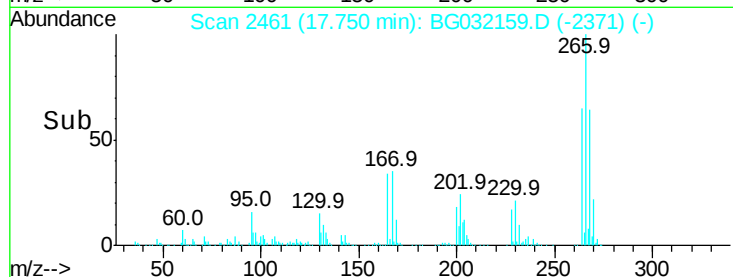
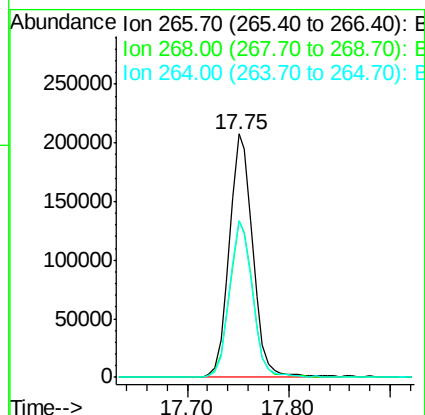
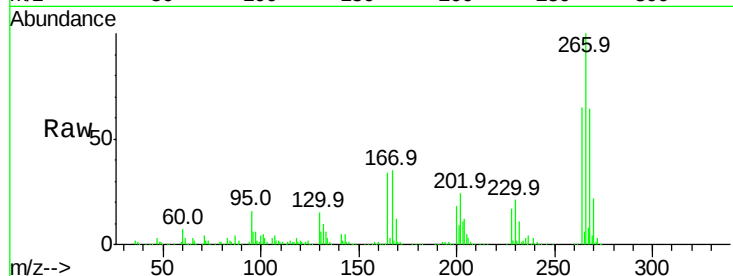




#69
 Pentachlorophenol
 Concen: 92.348 ng
 RT: 17.75 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

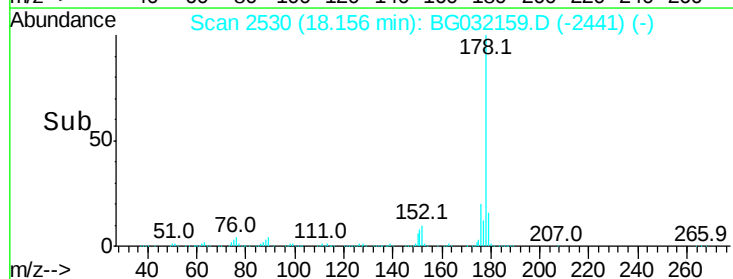
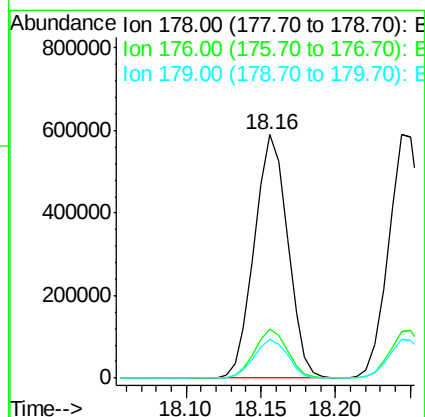
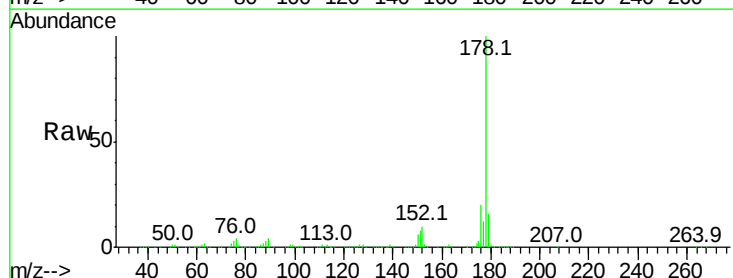
Instrument :
 BNA_G
 ClientSampleId :

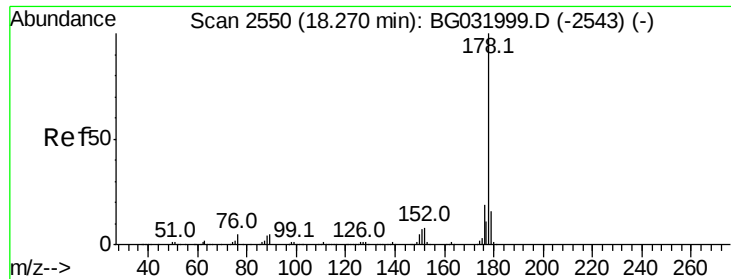
Tot Ion:266 Resp: 333770
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 64.5 49.6 74.4



#70
 Phenanthrene
 Concen: 45.669 ng
 RT: 18.16 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion:178 Resp: 913358
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 16.0 12.5 18.7

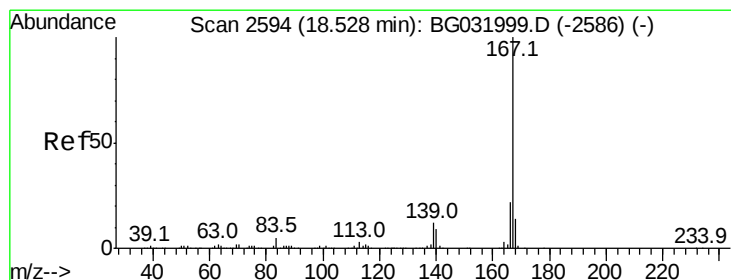
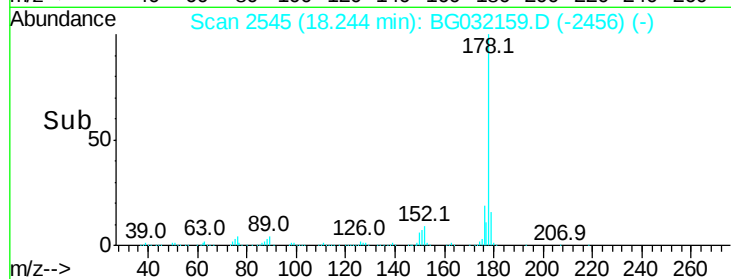
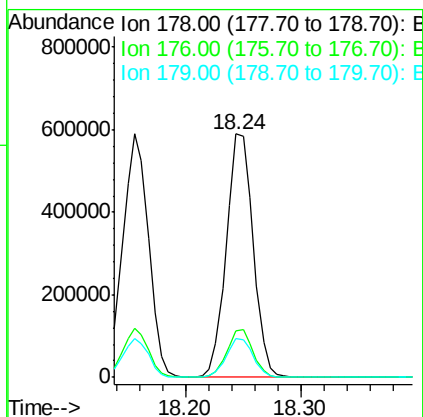
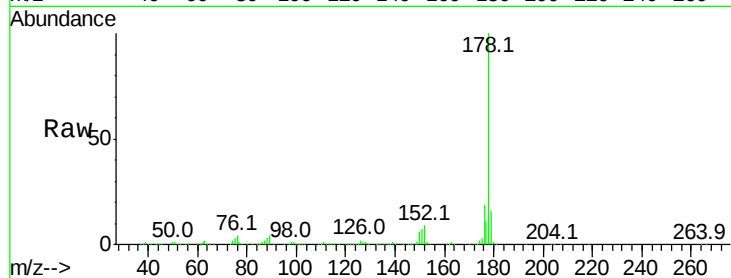




#71
 Anthracene
 Concen: 47.514 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

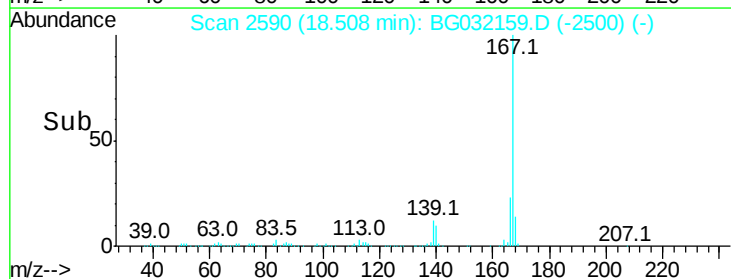
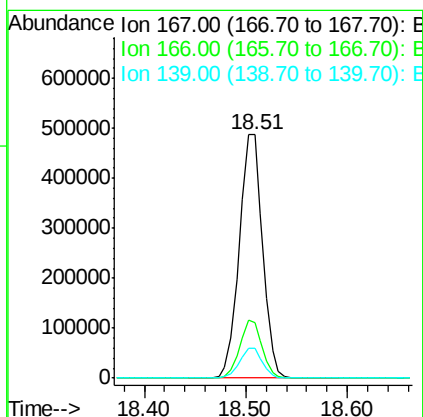
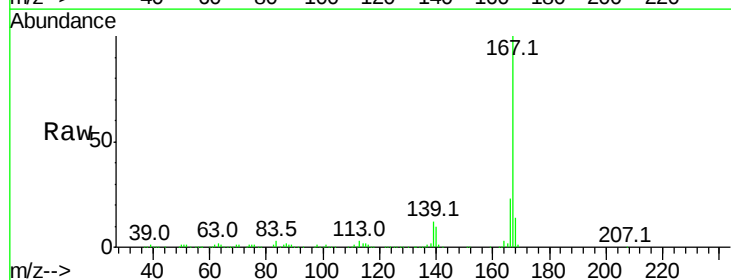
Instrument :
 BNA_G
 ClientSampleId :

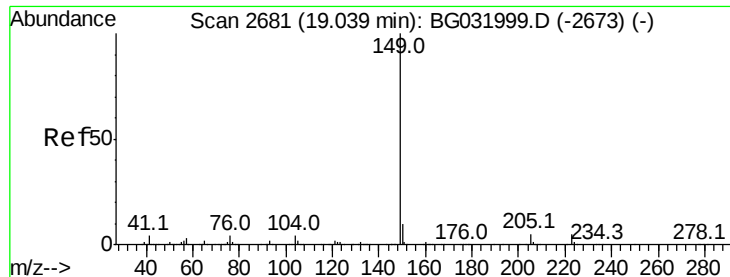
Tot Ion:178 Resp: 947788
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 44.937 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion:167 Resp: 777600
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 12.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.137 ng

RT: 19.01 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

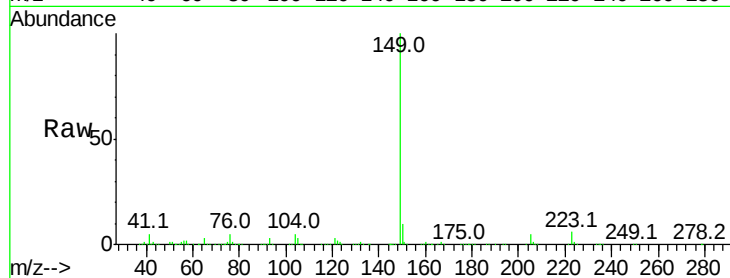
Tot Ion:149 Resp: 922923

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

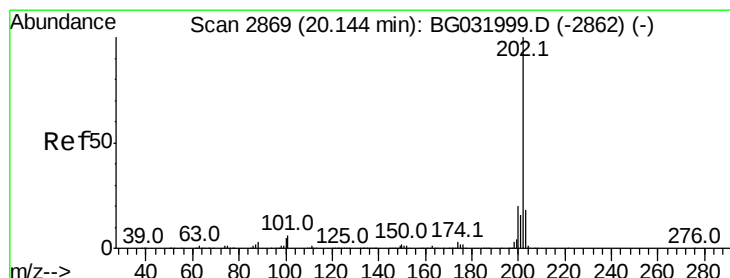
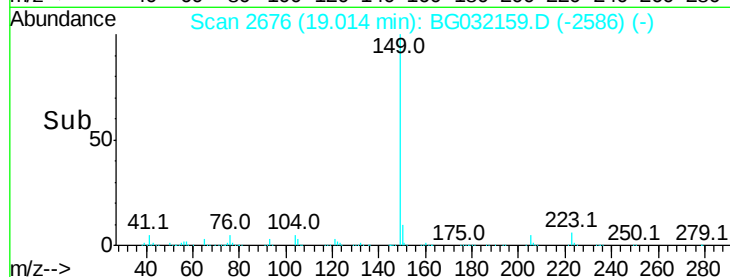
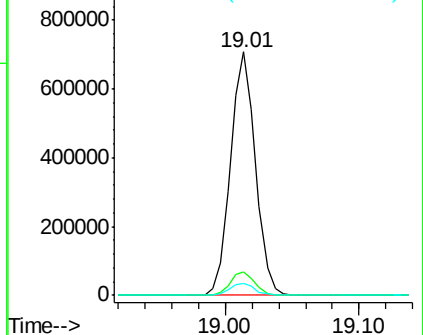
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.869 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

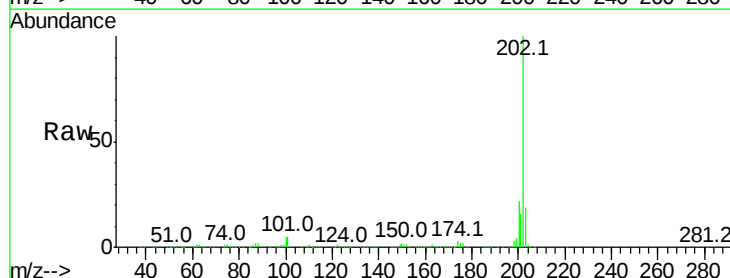
Tgt Ion:202 Resp: 1198677

Ion Ratio Lower Upper

202 100

101 5.2 0.0 28.9

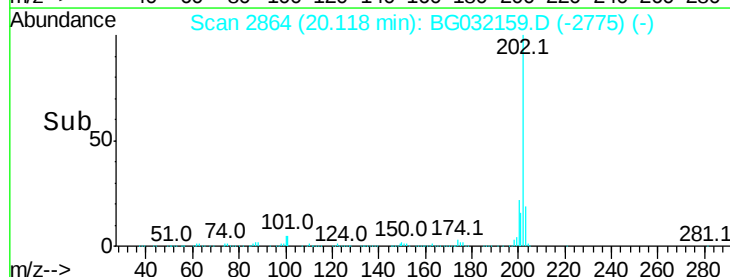
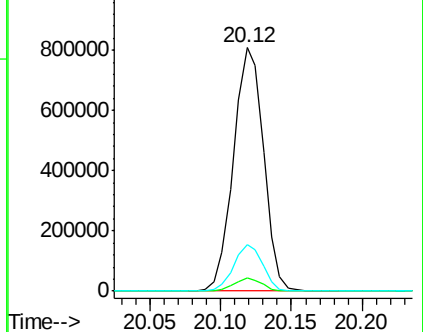
203 19.2 0.0 37.5

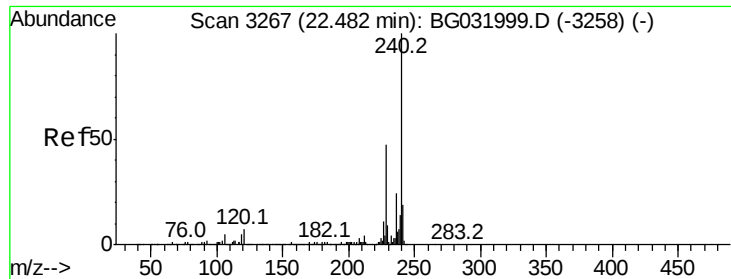


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

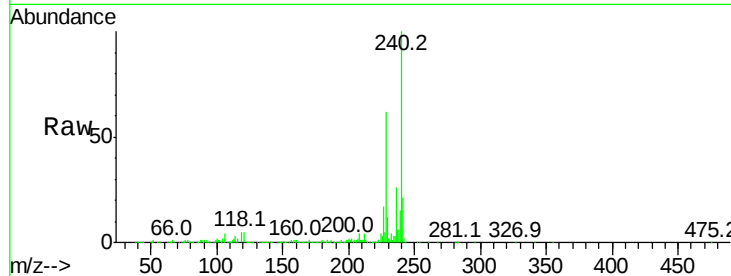
Tot Ion:240 Resp: 421662

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

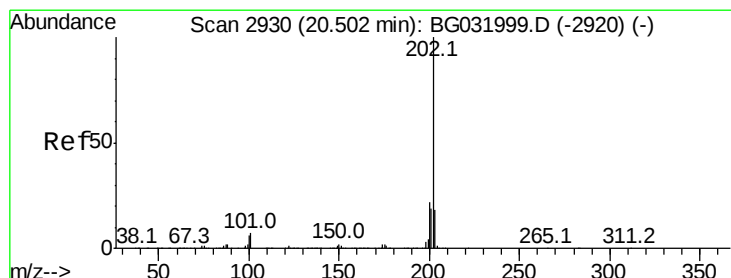
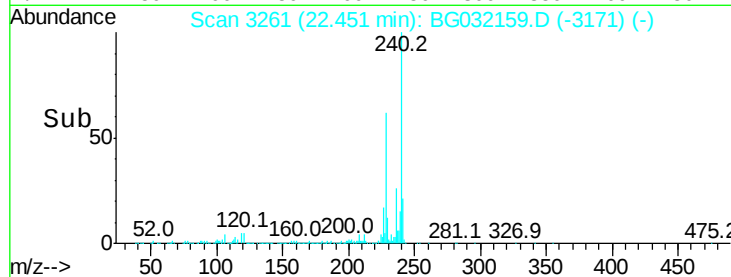
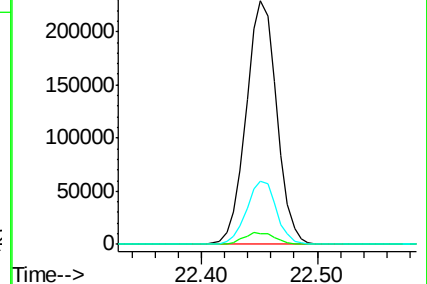
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 45.756 ng

RT: 20.48 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

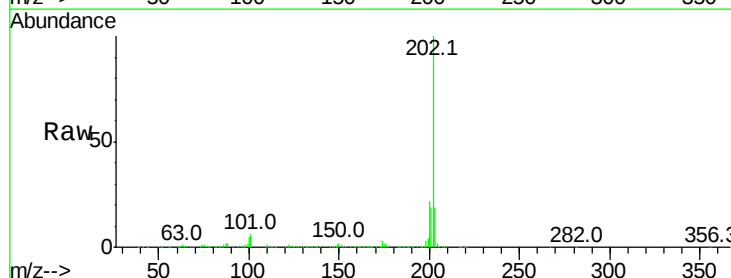
Tgt Ion:202 Resp: 1212873

Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

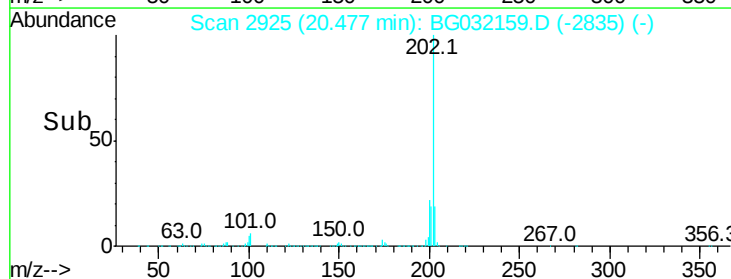
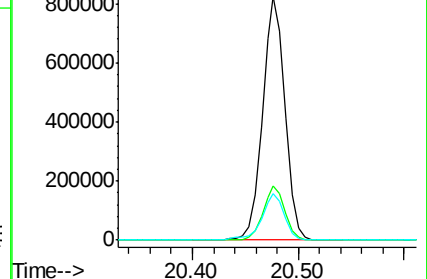
203 19.0 13.9 20.9

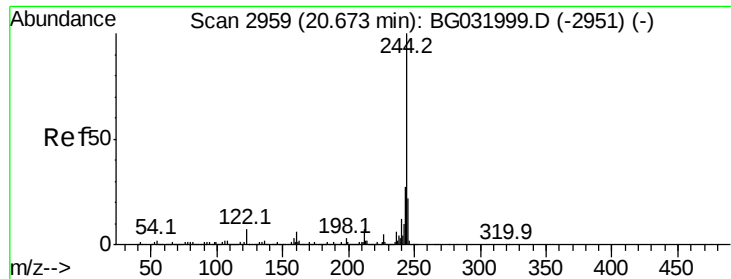


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.904 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

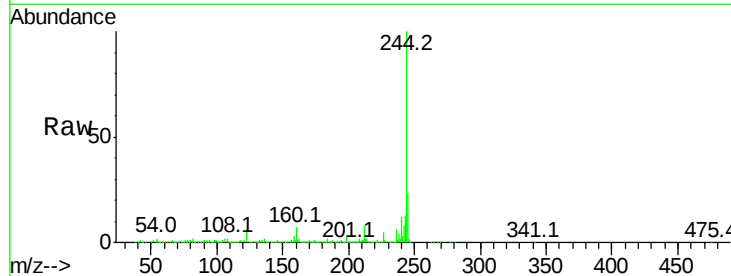
Tot Ion:244 Resp: 1888731

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

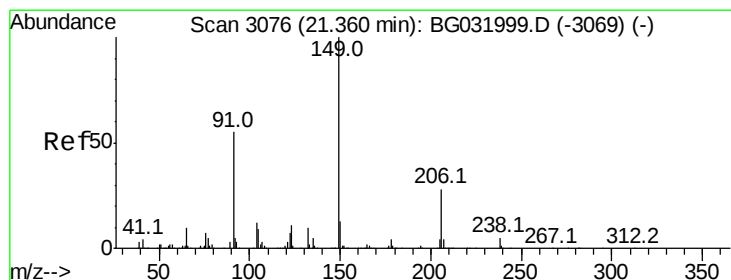
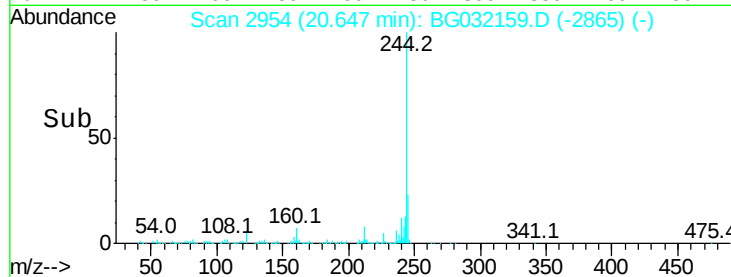
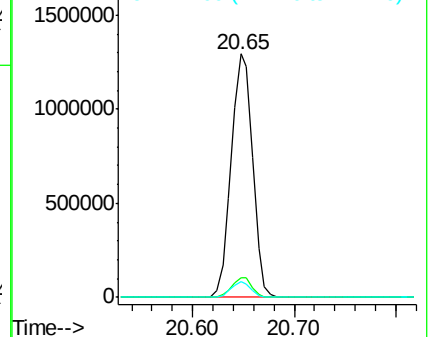
122 6.5 7.0 10.4#



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: 44.341 ng

RT: 21.33 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

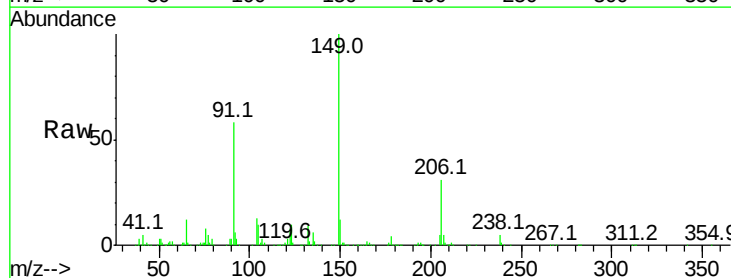
Tgt Ion:149 Resp: 421119

Ion Ratio Lower Upper

149 100

91 57.7 62.2 93.2#

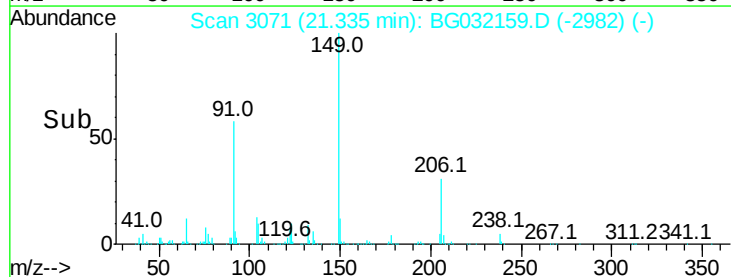
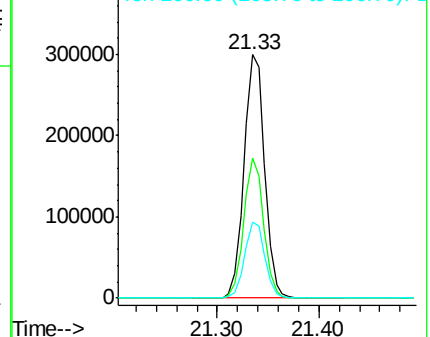
206 31.3 18.6 27.8#

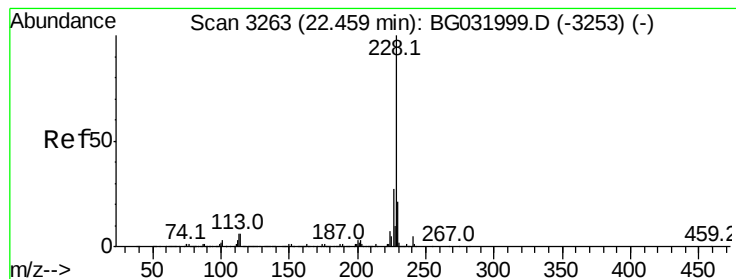


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 47.622 ng

RT: 22.43 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

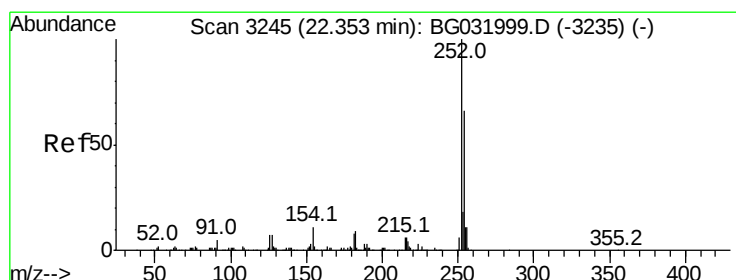
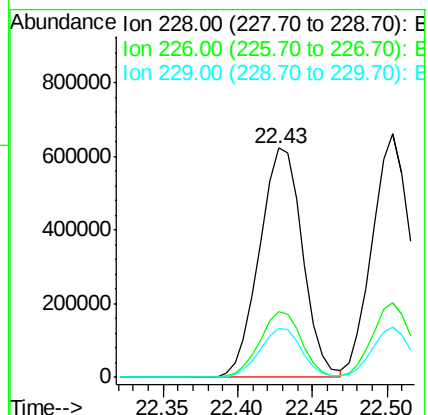
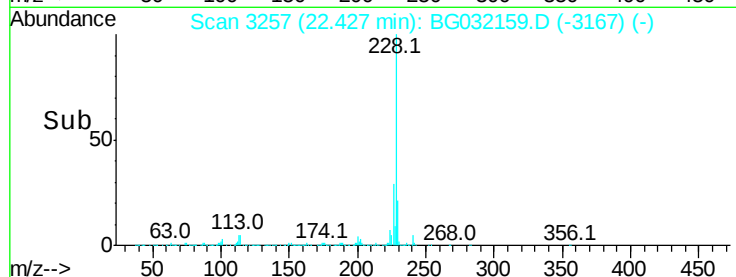
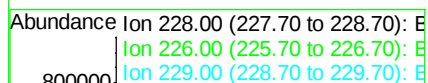
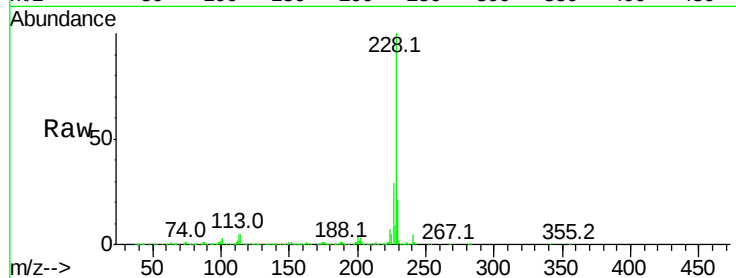
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1248804

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.5	16.2	24.2



#81

3,3'-Dichlorobenzidine

Concen: 4.388 ng

RT: 22.32 min Scan# 3239

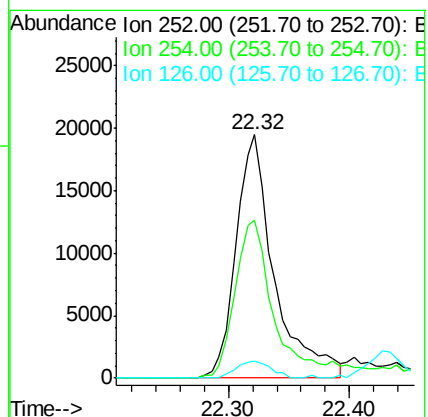
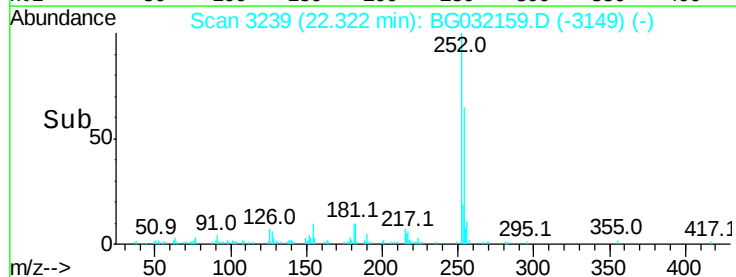
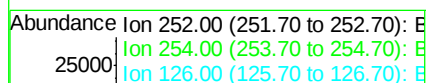
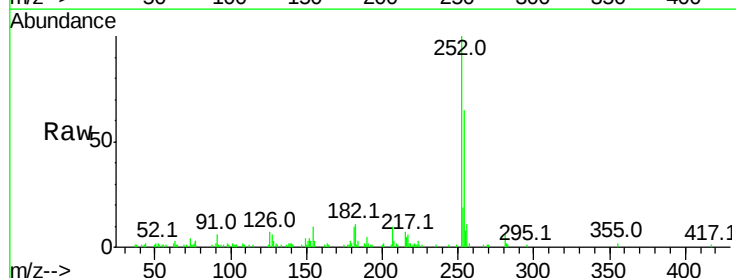
Delta R.T. 0.00 min

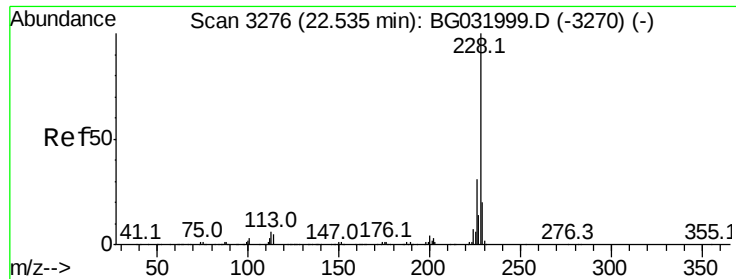
Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:252 Resp: 42980

Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	7.2	7.4	11.2#

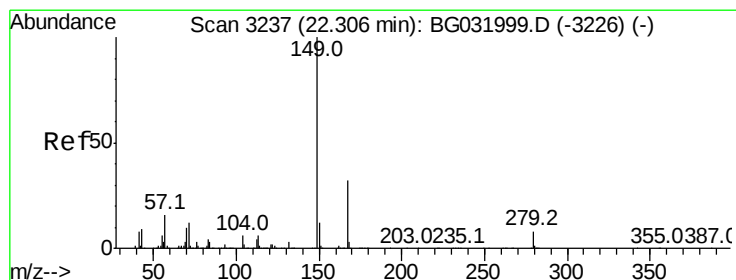
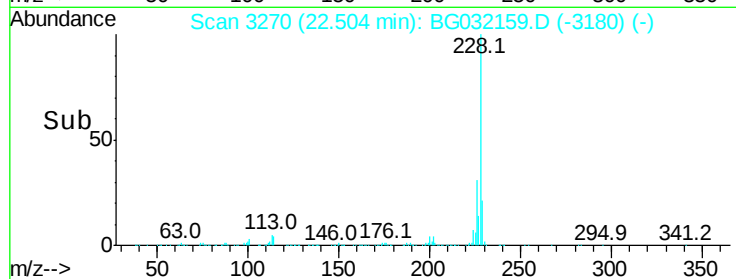
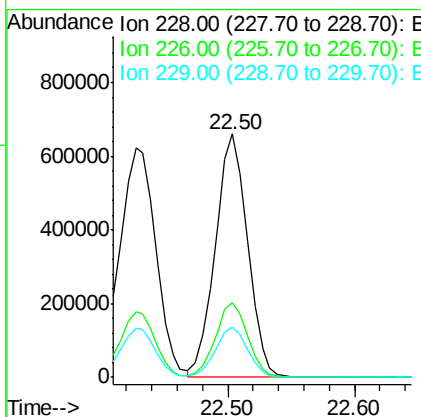
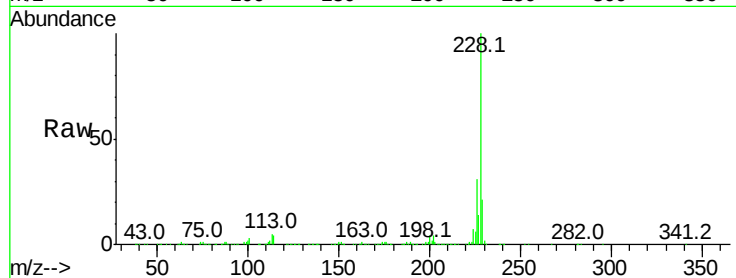




#82
Chrysene
Concen: 46.222 ng
RT: 22.50 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

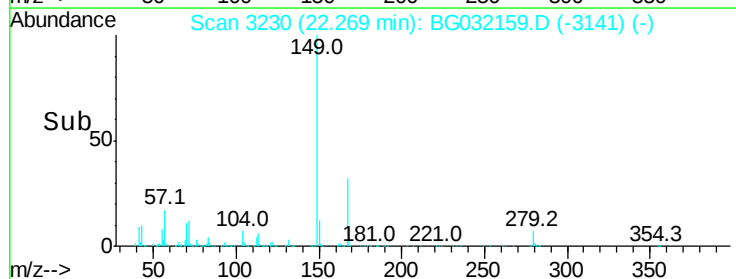
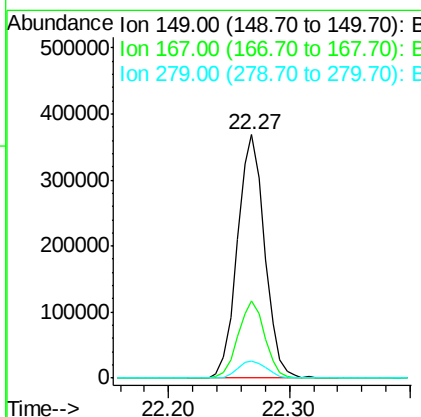
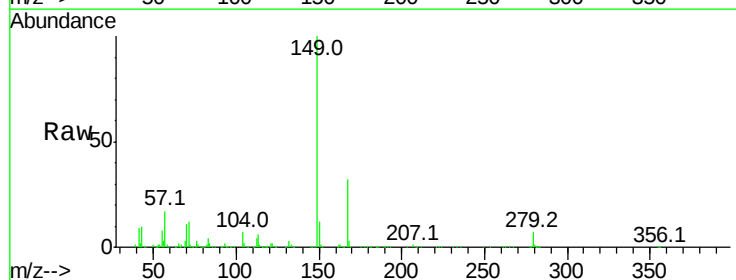
Instrument :
BNA_G
ClientSampleId :

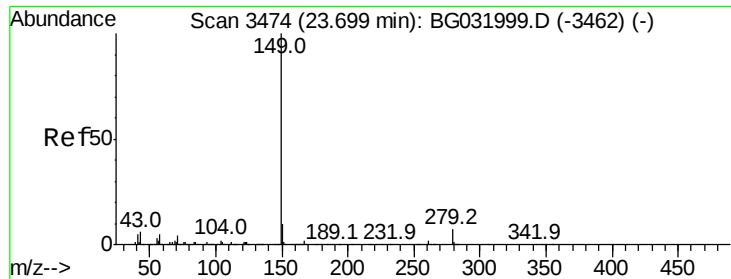
Tot Ion:228 Resp: 1164061
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 20.8 15.0 22.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 41.576 ng
RT: 22.27 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:149 Resp: 579027
Ion Ratio Lower Upper
149 100
167 31.6 24.3 36.5
279 7.1 4.0 6.0#

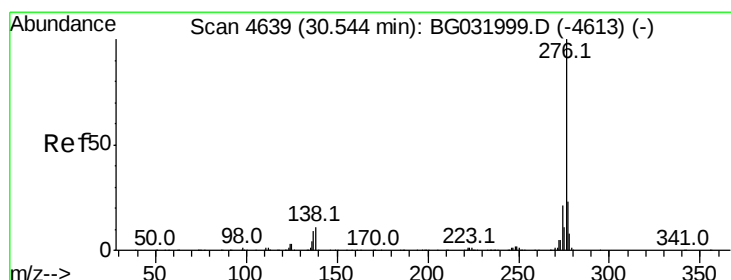
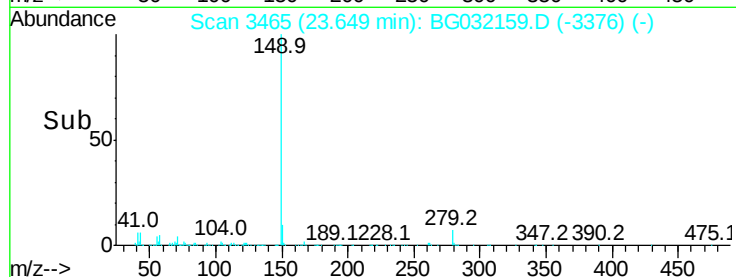
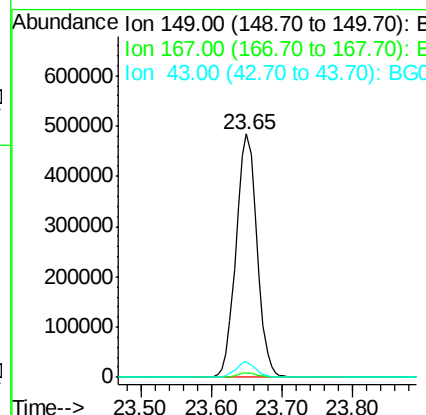
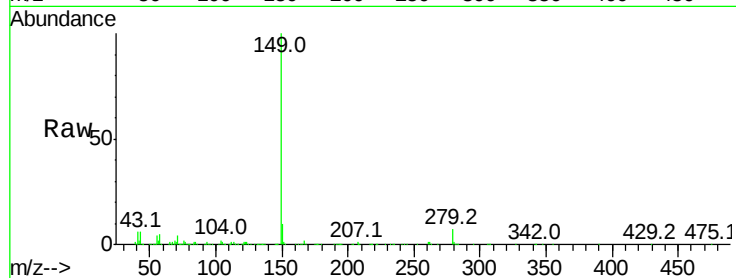




#84
Di-n-octyl phthalate
Concen: 45.174 ng
RT: 23.65 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

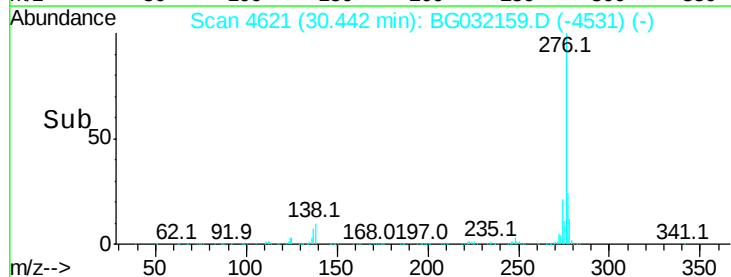
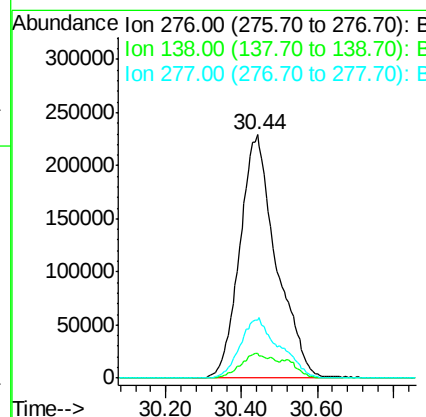
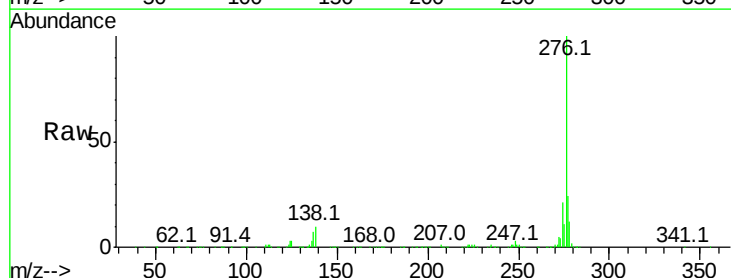
Instrument :
BNA_G
ClientSampleId :

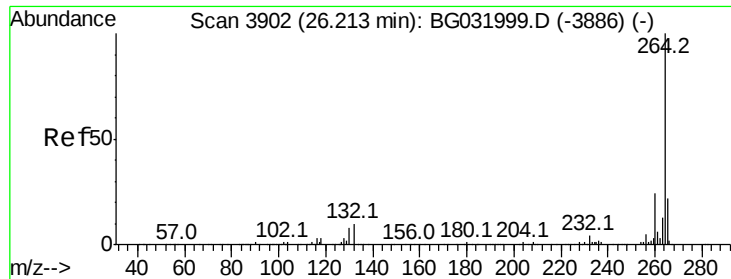
Tot Ion:149 Resp: 999213
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 6.1 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.678 ng
RT: 30.44 min Scan# 4621
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:276 Resp: 1531083
Ion Ratio Lower Upper
276 100
138 9.2 16.0 24.0#
277 26.6 20.0 30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3890

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

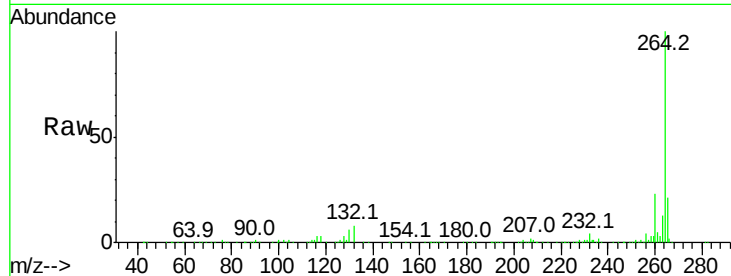
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 443682

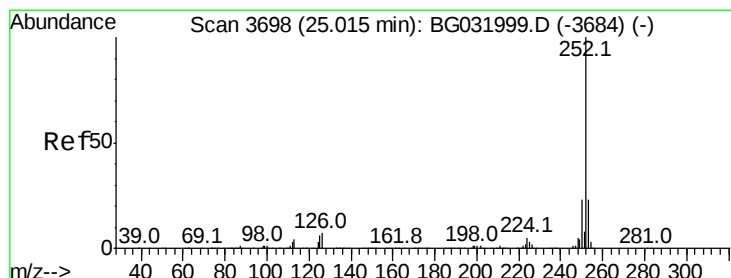
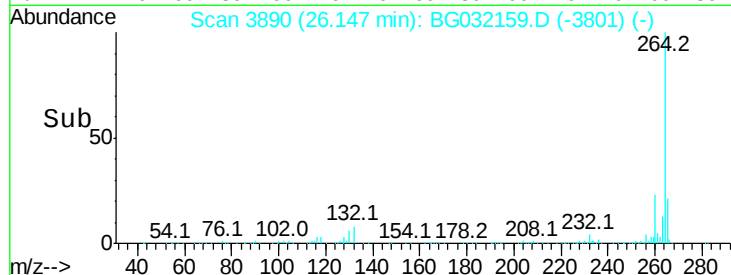
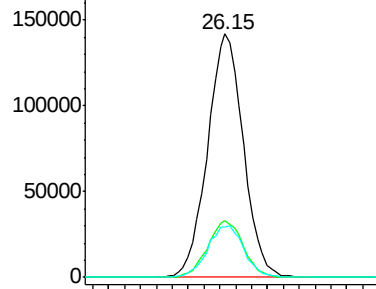
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.9	17.7	26.5



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: 48.797 ng

RT: 24.97 min Scan# 3689

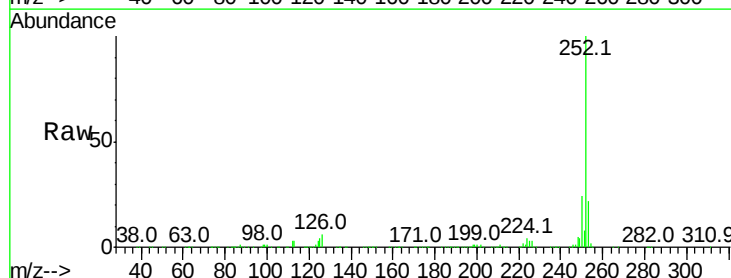
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:252 Resp: 1308656

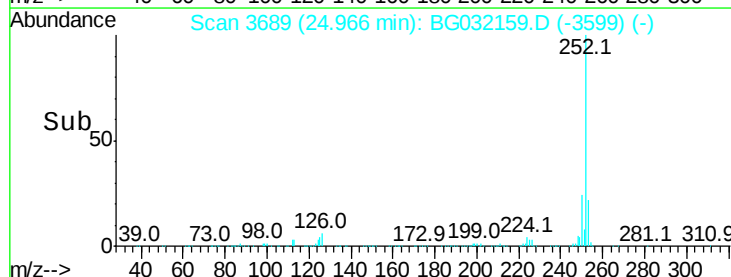
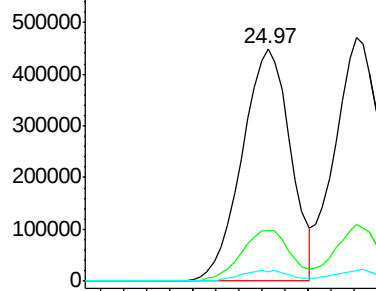
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	4.2	7.2	10.8

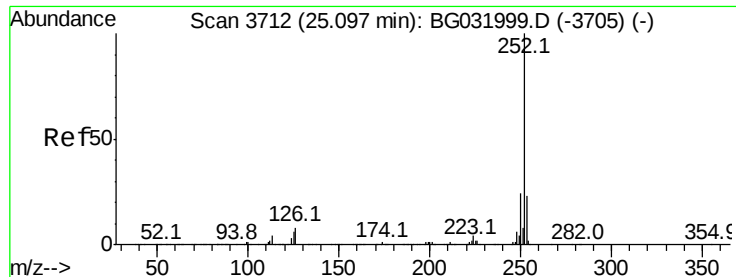


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

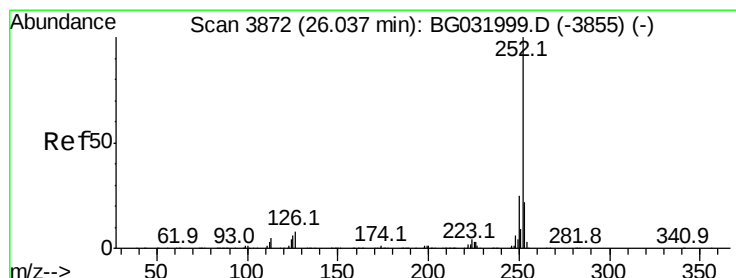
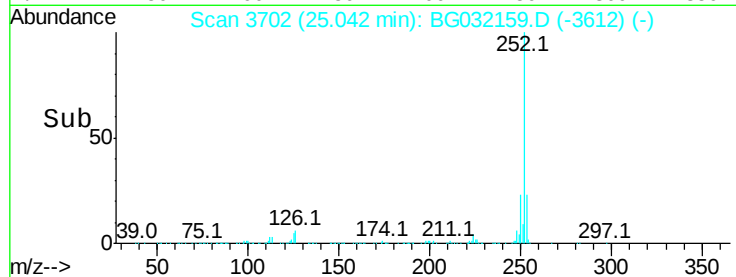
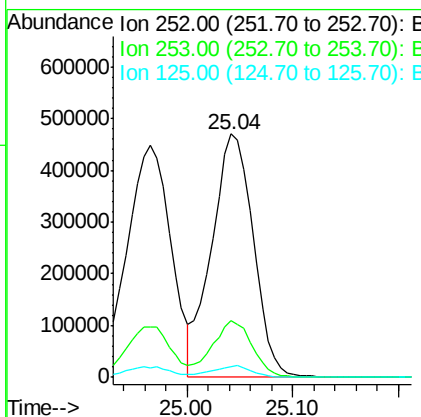
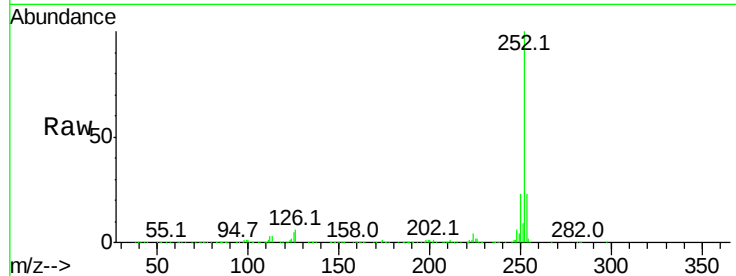




#88
Benzo(k)fluoranthene
Concen: 48.977 ng
RT: 25.04 min Scan# 3702
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

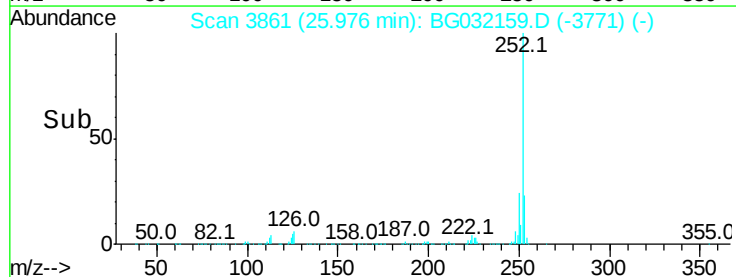
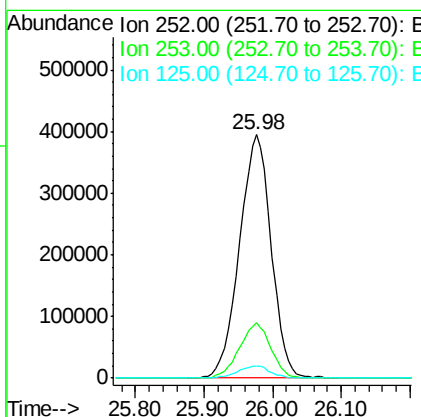
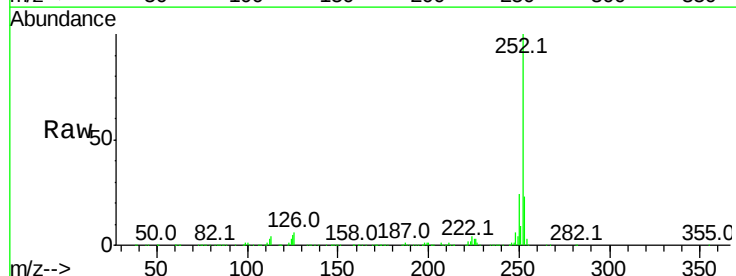
Instrument :
BNA_G
ClientSampleId :

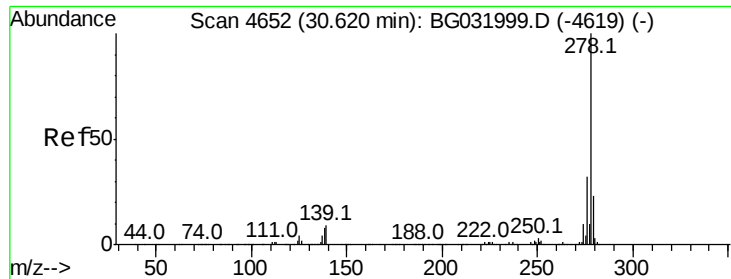
Tot Ion:252 Resp: 1283486
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 4.5 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 49.990 ng
RT: 25.98 min Scan# 3861
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:252 Resp: 1268192
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 4.9 7.3 10.9#



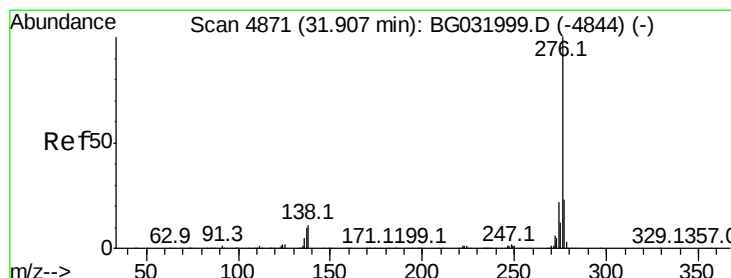
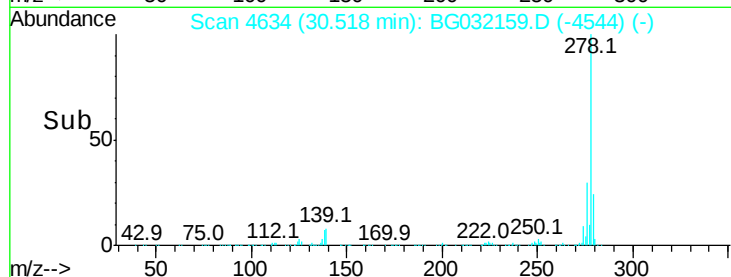
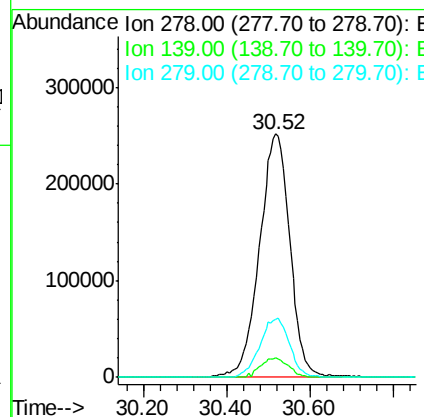
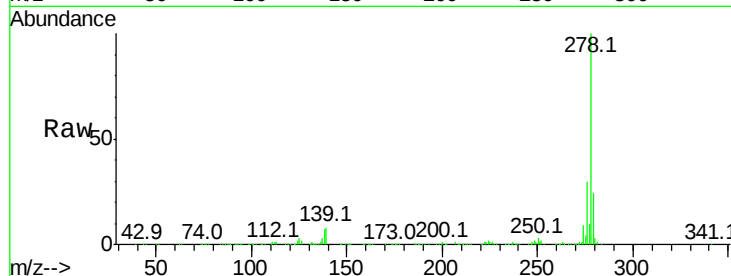


#90
Dibenzo(a,h)anthracene
Concen: 52.287 ng
RT: 30.52 min Scan# 4634
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1278238

Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6#
279	23.9	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 49.679 ng
RT: 31.80 min Scan# 4852
Delta R.T. 0.01 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:276 Resp: 1241312

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.3	27.5
138	10.3	13.9	20.9#

