

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032152.D
 Acq On : 19 Jan 2018 15:20
 Operator : SJ/JU
 Sample : PB105755BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

Quant Time: Jan 19 22:17:19 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	44286	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	177925	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	122838	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	335672	20.00	ng	0.00
75) Chrysene-d12	22.45	240	421705	20.00	ng	0.00
86) Perylene-d12	26.15	264	448739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	314746	129.98	ng	0.00
7) Phenol-d6	7.85	99	391753	128.46	ng	0.00
23) Nitrobenzene-d5	9.94	82	231247	87.93	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	269920	132.79	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	808925	81.65	ng	0.00
78) Terphenyl-d14	20.65	244	1592845	83.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	26028	27.979	ng	# 70
3) Pyridine	4.28	79	72159	29.060	ng	# 84
4) n-Nitrosodimethylamine	4.18	42	41116	47.132	ng	# 86
6) Aniline	8.03	93	73602	19.134	ng	89
8) 2-Chlorophenol	8.29	128	116031	42.823	ng	83
9) Benzaldehyde	7.84	77	14532	8.224	ng	94
10) Phenol	7.88	94	128583	42.803	ng	98
11) bis(2-Chloroethyl)ether	8.13	93	86758	36.048	ng	# 83
12) 1,3-Dichlorobenzene	8.62	146	127945	36.079	ng	96
13) 1,4-Dichlorobenzene	8.78	146	130292	36.490	ng	92
14) 1,2-Dichlorobenzene	9.11	146	125583	36.364	ng	96
15) Benzyl Alcohol	8.98	79	96503	43.560	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.26	45	90267	36.905	ng	84
17) 2-Methylphenol	9.18	107	91602	39.899	ng	98
18) Hexachloroethane	9.87	117	42536	38.762	ng	# 84
19) n-Nitroso-di-n-propylamine	9.55	70	72481	38.306	ng	# 87
20) 3+4-Methylphenols	9.51	107	123183	38.731	ng	90
22) Acetophenone	9.58	105	164432	40.685	ng	# 92
24) Nitrobenzene	9.99	77	110669	42.187	ng	89
25) Isophorone	10.50	82	200431	40.929	ng	# 86
26) 2-Nitrophenol	10.71	139	66514	42.791	ng	# 85
27) 2,4-Dimethylphenol	10.74	122	115445	46.803	ng	94
28) bis(2-Chloroethoxy)methane	10.99	93	126215	42.779	ng	98
29) 2,4-Dichlorophenol	11.25	162	139075	45.822	ng	87
30) 1,2,4-Trichlorobenzene	11.48	180	155253	39.608	ng	98
31) Naphthalene	11.68	128	342965	38.911	ng	98
32) Benzoic acid	10.86	122	53348	29.264	ng	88
33) 4-Chloroaniline	11.77	127	73450	19.433	ng	93
34) Hexachlorobutadiene	11.94	225	111807	39.713	ng	98
35) Caprolactam	12.52	113	42773	46.453	ng	# 52
36) 4-Chloro-3-methylphenol	12.84	107	127983	46.068	ng	# 90
37) 2-Methylnaphthalene	13.24	142	287448	41.078	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	219043	40.908	ng	# 96
40) Hexachlorocyclopentadiene	13.57	237	294560	97.671	ng	91

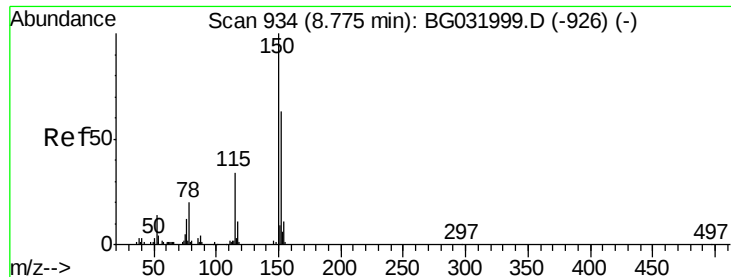
Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032152.D
 Acq On : 19 Jan 2018 15:20
 Operator : SJ/JU
 Sample : PB105755BS
 Misc :
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Instrument :
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 PB105755BS

Quant Time: Jan 19 22:17:19 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)
42) 2,4,6-Trichlorophenol	13.82	196	134026	44.548	nq	94
43) 2,4,5-Trichlorophenol	13.89	196	144443	41.478	nq #	89
45) 1,1'-Biphenyl	14.22	154	412852	39.205	nq	96
46) 2-Chloronaphthalene	14.27	162	316842	38.676	nq	96
47) 2-Nitroaniline	14.46	65	74730	47.651	nq #	72
48) Acenaphthylene	15.11	152	473839	37.983	nq	99
49) Dimethylphthalate	14.81	163	428785	39.889	nq	99
50) 2,6-Dinitrotoluene	14.93	165	94738	42.461	nq #	74
51) Acenaphthene	15.45	154	345891	41.932	nq	100
52) 3-Nitroaniline	15.26	138	57575	28.571	nq #	67
53) 2,4-Dinitrophenol	15.47	184	85206	76.465	nq #	62
54) Dibenzofuran	15.77	168	507924	41.276	nq	99
55) 4-Nitrophenol	15.55	139	149158	101.565	nq #	80
56) 2,4-Dinitrotoluene	15.72	165	138313	46.044	nq #	70
57) Fluorene	16.41	166	408454	40.472	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	157864	49.003	nq #	85
59) Diethylphthalate	16.16	149	421220	40.420	nq	96
60) 4-Chlorophenyl-phenylether	16.40	204	259889	41.979	nq	91
61) 4-Nitroaniline	16.42	138	82164	42.504	nq	90
62) Azobenzene	16.69	77	274558	42.094	nq	90
64) 4,6-Dinitro-2-methylphenol	16.47	198	74611	36.077	nq #	66
65) n-Nitrosodiphenylamine	16.61	169	384983	37.796	nq	97
66) 4-Bromophenyl-phenylether	17.29	248	188666	39.503	nq	92
67) Hexachlorobenzene	17.41	284	191297	36.204	nq #	92
68) Atrazine	17.53	200	180869	42.224	nq	96
69) Pentachlorophenol	17.75	266	251845	74.568	nq	98
70) Phenanthrene	18.16	178	716711	38.349	nq	99
71) Anthracene	18.25	178	735687	39.468	nq	99
72) Carbazole	18.51	167	651004	40.260	nq	99
73) Di-n-butylphthalate	19.01	149	733952	38.412	nq	100
74) Fluoranthene	20.12	202	991297	42.364	nq	95
76) Benzidine	20.27	184	296741	28.140	nq	98
77) Pyrene	20.47	202	1002358	37.811	nq	98
79) Butylbenzylphthalate	21.34	149	340404	35.839	nq #	76
80) Benzo(a)anthracene	22.43	228	1044087	39.811	nq	99
81) 3,3'-Dichlorobenzidine	22.32	252	249272	25.444	nq #	96
82) Chrysene	22.50	228	980677	38.936	nq	99
83) Bis(2-ethylhexyl)phthalate	22.27	149	482837	34.666	nq #	97
84) Di-n-octyl phthalate	23.65	149	815877	36.882	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1274461	41.347	nq #	87
87) Benzo(b)fluoranthene	24.97	252	1100714	40.581	nq #	95
88) Benzo(k)fluoranthene	25.04	252	1045962	39.464	nq #	97
89) Benzo(a)pyrene	25.98	252	1063406	41.445	nq #	96
90) Dibenzo(a,h)anthracene	30.53	278	1057193	42.758	nq #	94
91) Benzo(g,h,i)perylene	31.80	276	1056859	41.820	nq #	93

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

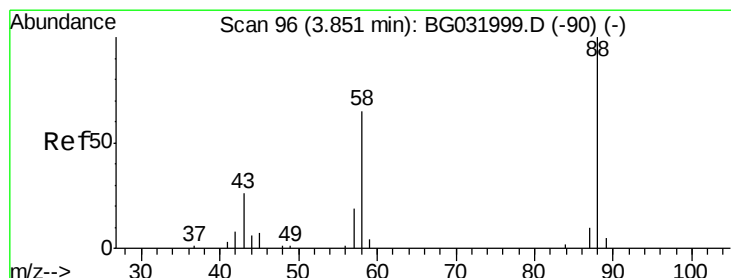
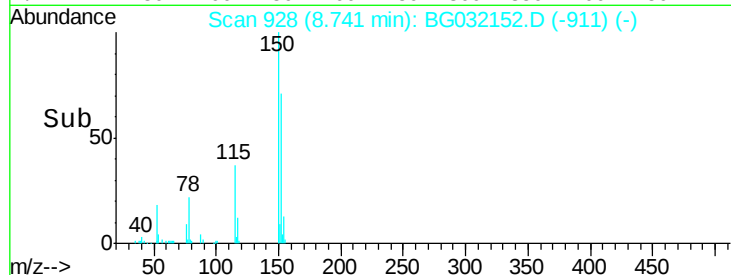
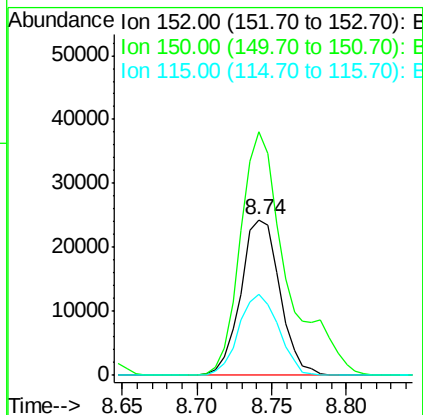
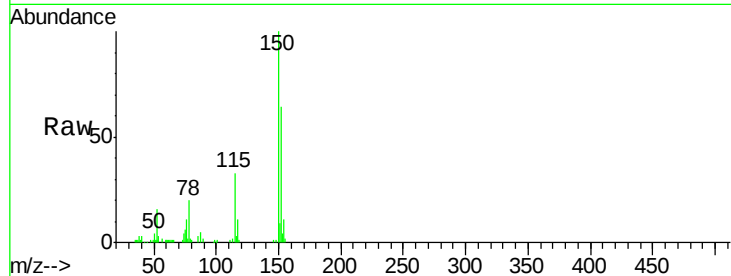


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

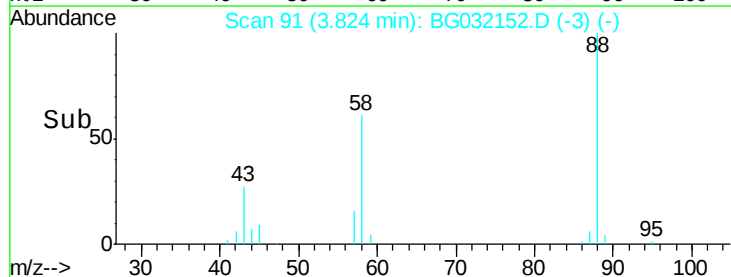
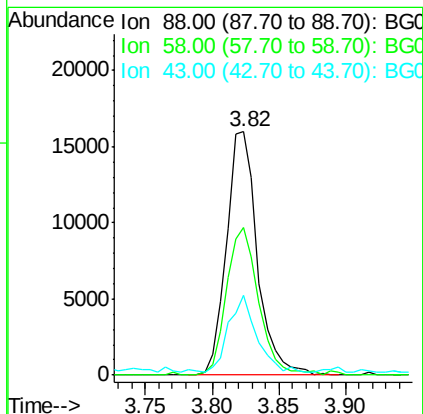
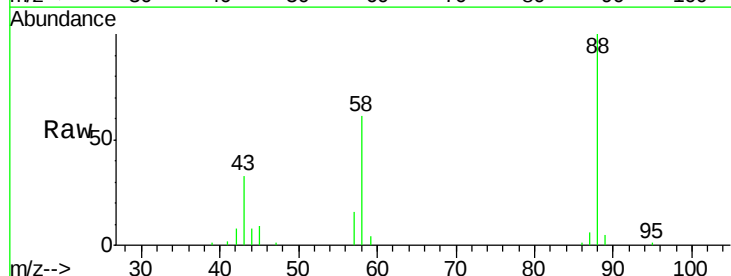
Tot Ion:152 Resp: 44286
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.6 189.8
 115 52.0 53.0 79.4#

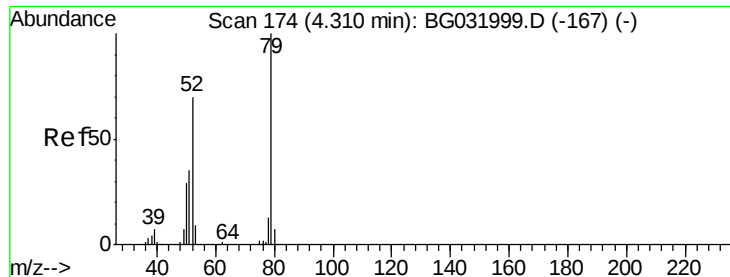


#2

1,4-Dioxane
 Concen: 27.979 ng
 RT: 3.82 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion: 88 Resp: 26028
 Ion Ratio Lower Upper
 88 100
 58 62.6 79.6 119.4#
 43 29.0 27.4 41.0





#3

Pvridine

Concen: 29.060 ng

RT: 4.28 min Scan# 168

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

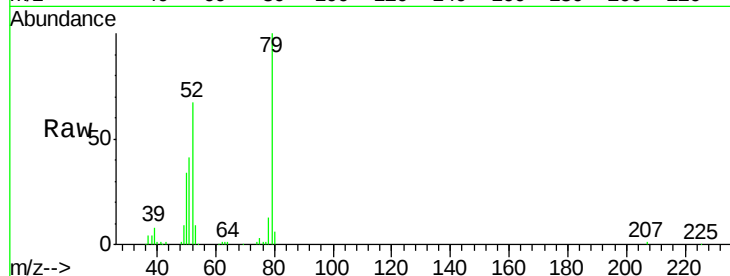
Tot Ion: 79 Resp: 72159

Ion Ratio Lower Upper

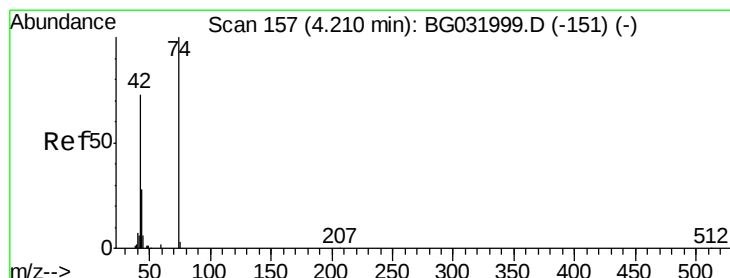
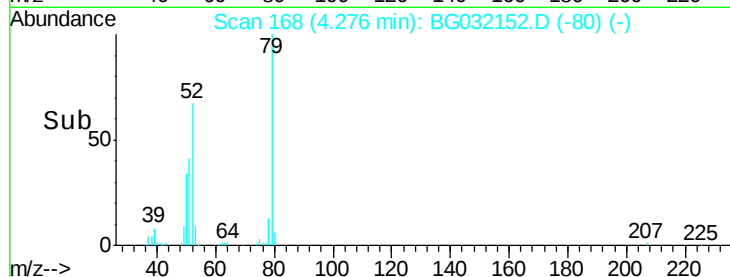
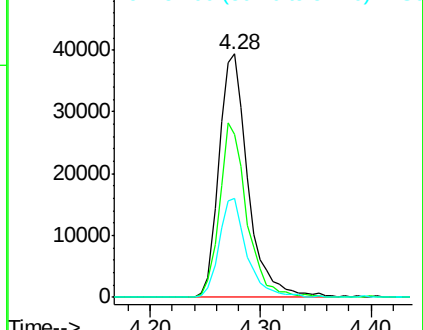
79 100

52 67.0 69.9 104.9#

51 40.7 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.132 ng

RT: 4.18 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

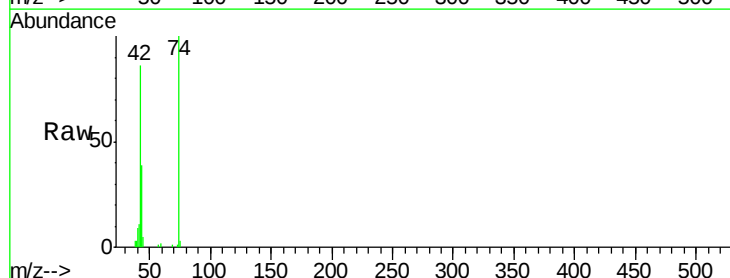
Tgt Ion: 42 Resp: 41116

Ion Ratio Lower Upper

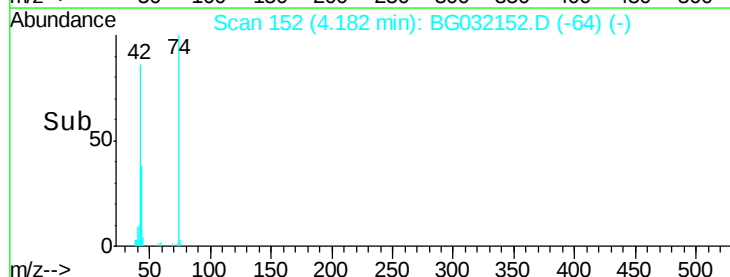
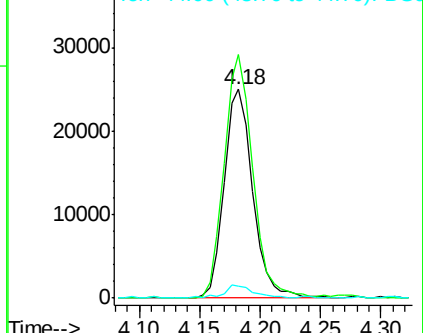
42 100

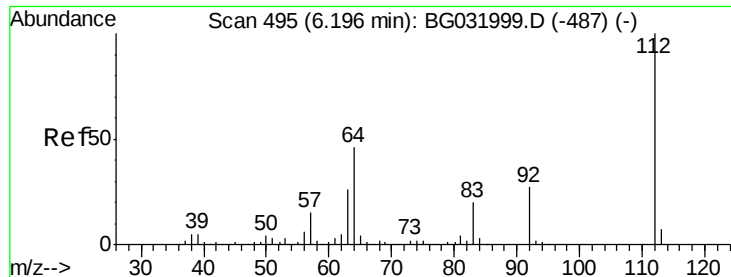
74 116.5 102.5 153.7

44 5.5 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.984 ng

RT: 6.17 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

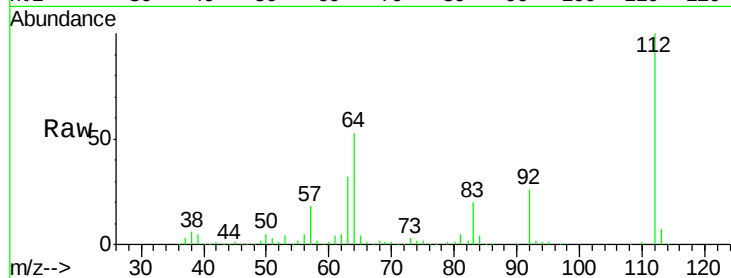
Tot Ion:112 Resp: 314746

Ion Ratio Lower Upper

112 100

64 53.1 56.3 84.5#

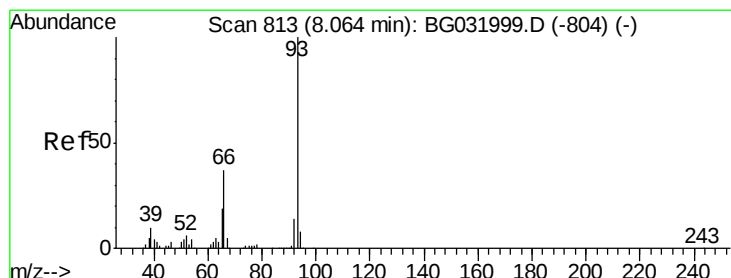
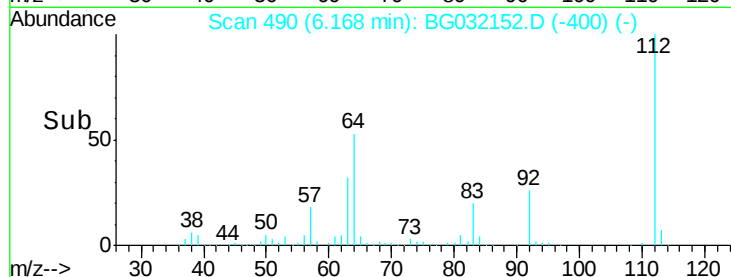
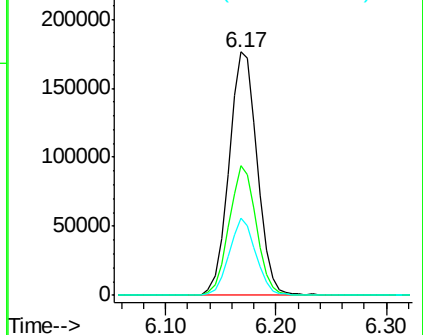
63 31.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 19.134 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

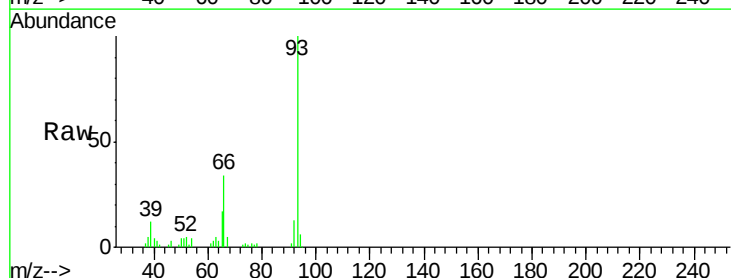
Tgt Ion: 93 Resp: 73602

Ion Ratio Lower Upper

93 100

66 34.0 33.7 50.5

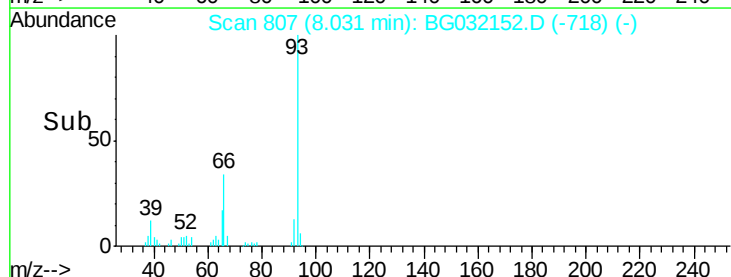
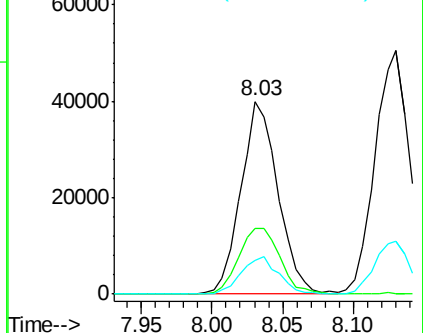
65 17.4 16.1 24.1

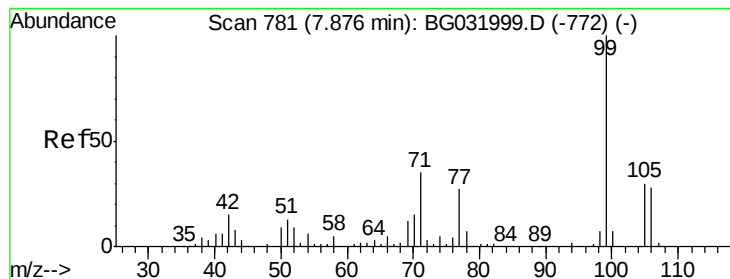


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.460 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampled :

PB105755BS

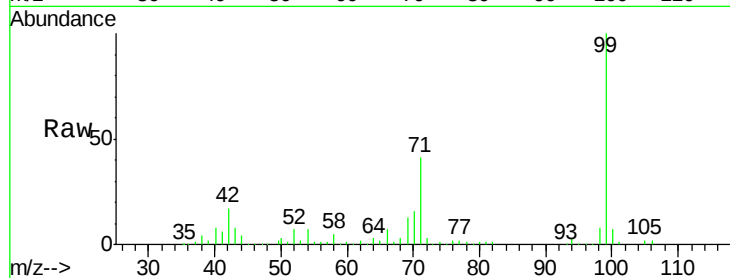
Tot Ion: 99 Resp: 391753

Ion Ratio Lower Upper

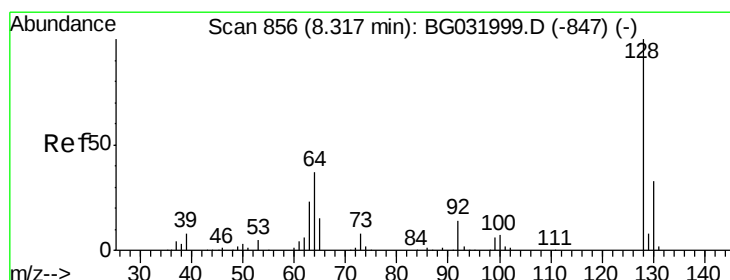
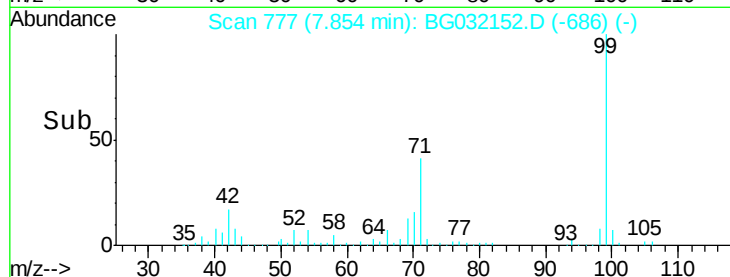
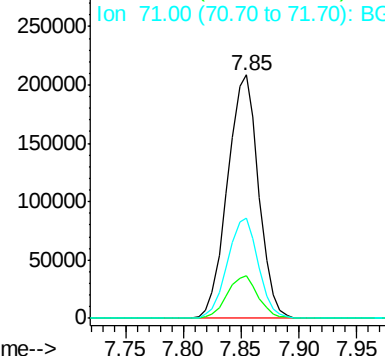
99 100

42 17.5 14.1 21.1

71 41.2 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: 42.823 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

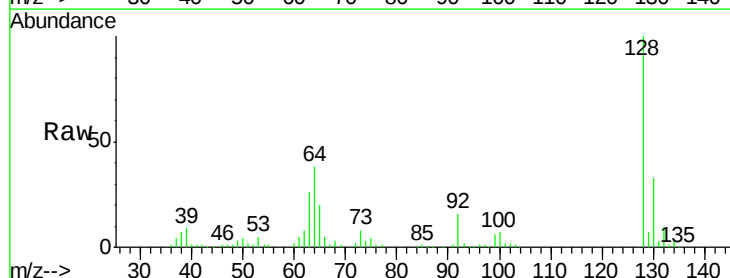
Tgt Ion: 128 Resp: 116031

Ion Ratio Lower Upper

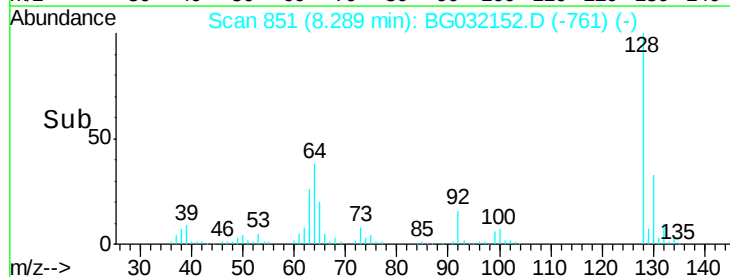
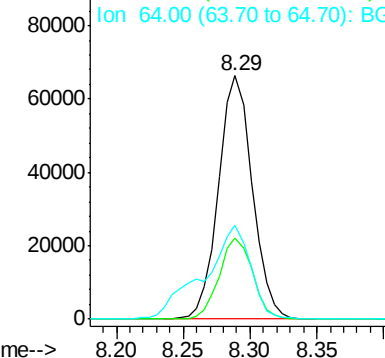
128 100

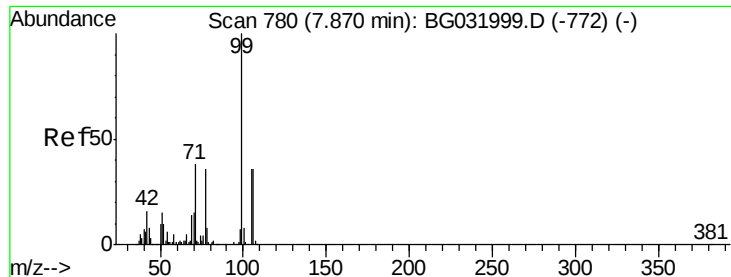
130 33.4 14.0 54.0

64 38.4 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: 8.224 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

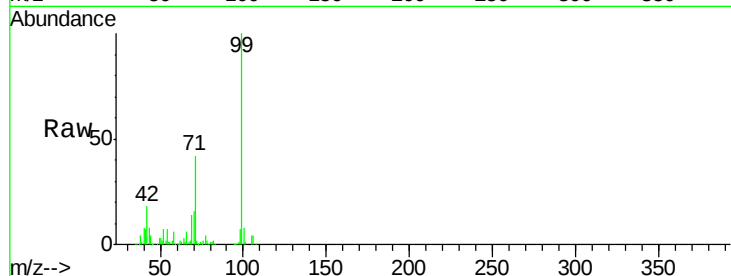
Tot Ion: 77 Resp: 14532

Ion Ratio Lower Upper

77 100

105 89.7 71.3 111.3

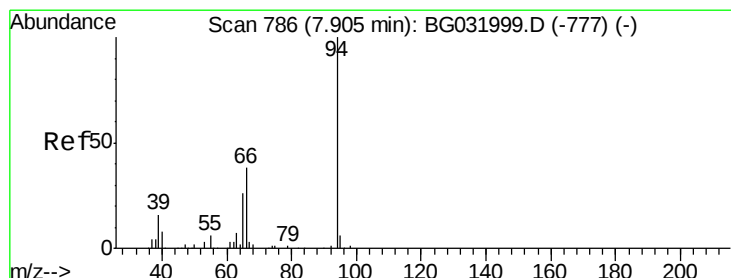
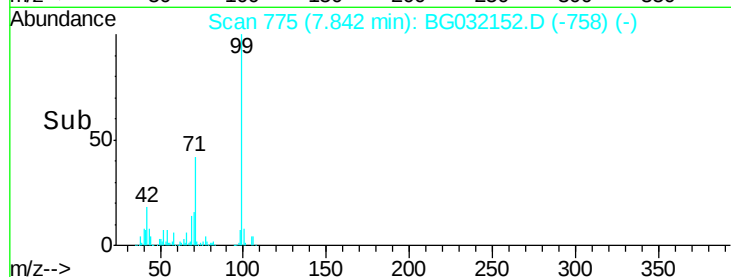
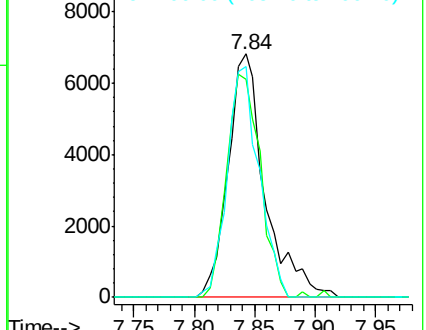
106 94.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.803 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

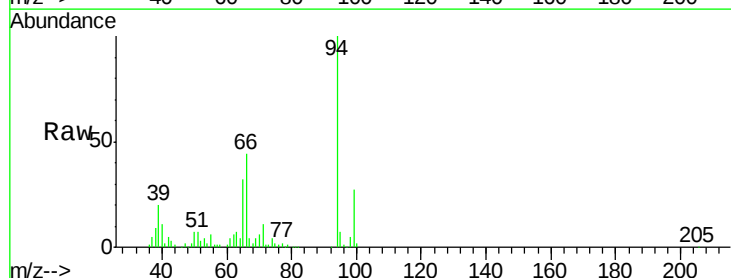
Tgt Ion: 94 Resp: 128583

Ion Ratio Lower Upper

94 100

65 32.0 11.9 51.9

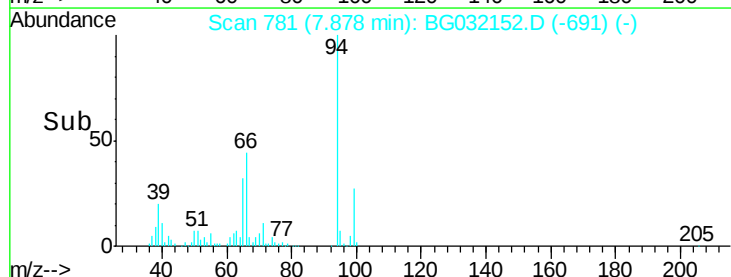
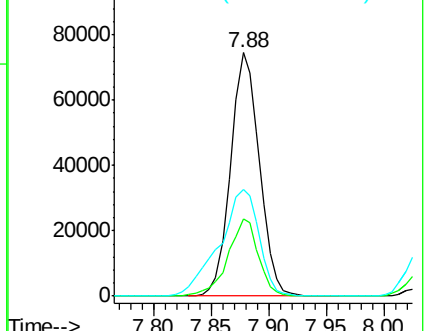
66 44.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

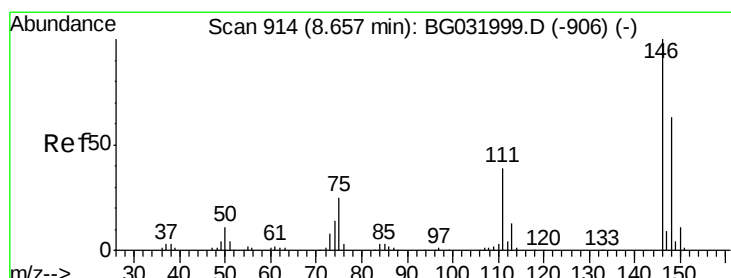
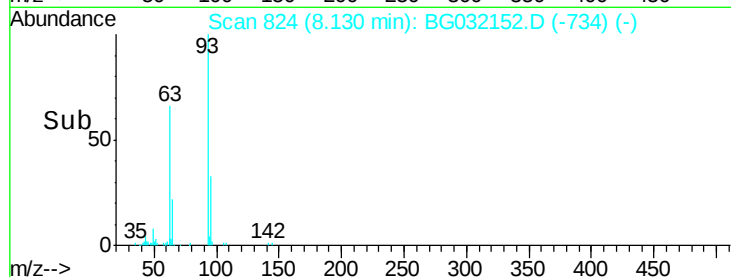
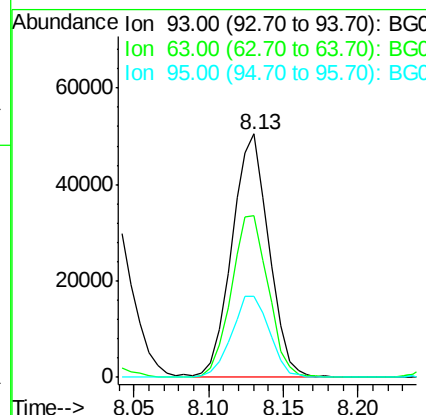
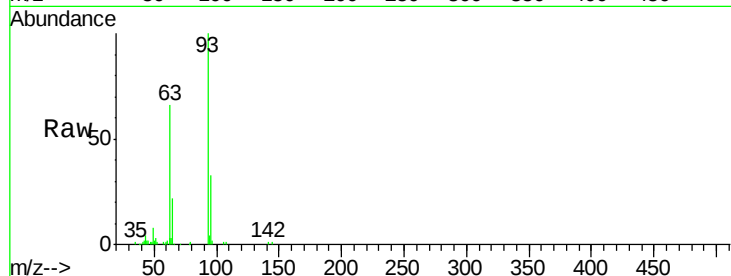




#11
bis(2-Chloroethyl)ether
Concen: 36.048 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

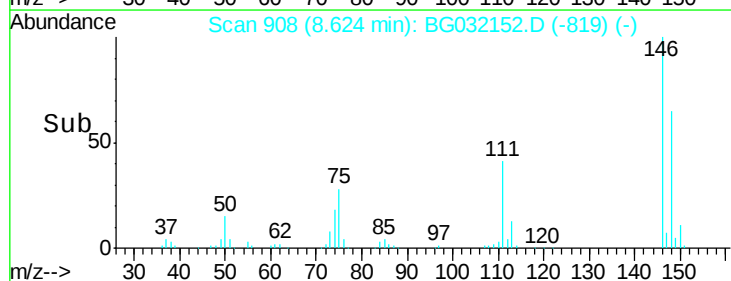
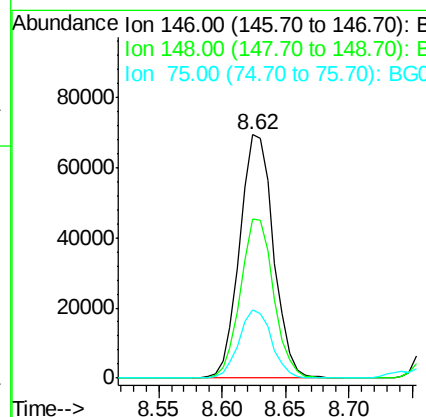
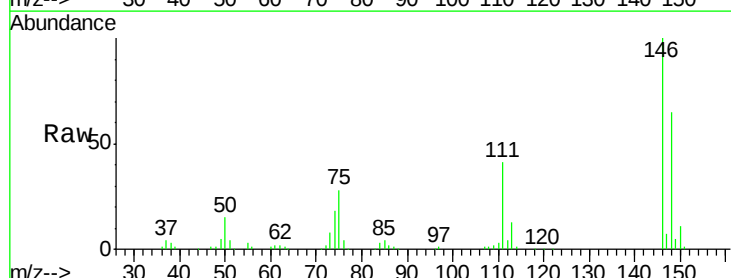
Instrument :
BNA_G
ClientSampleId :
PB105755BS

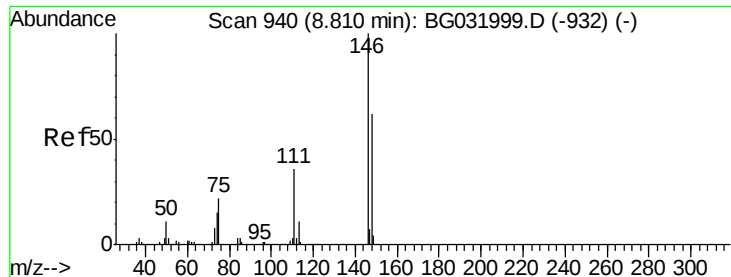
Tot Ion: 93 Resp: 86758
Ion Ratio Lower Upper
93 100
63 66.5 67.1 107.1#
95 33.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.079 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion: 146 Resp: 127945
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 27.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 36.490 ng

RT: 8.78 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

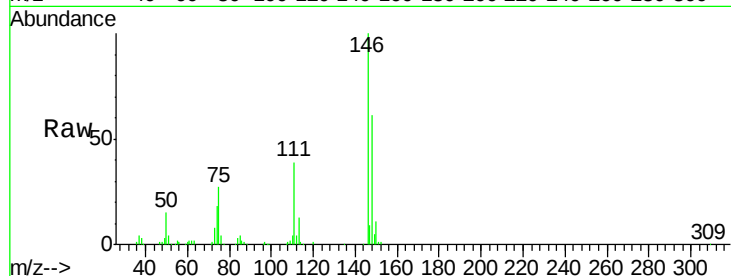
Tot Ion:146 Resp: 130292

Ion Ratio Lower Upper

146 100

148 60.7 53.7 80.5

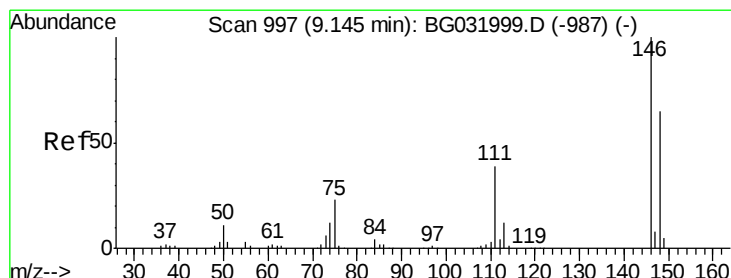
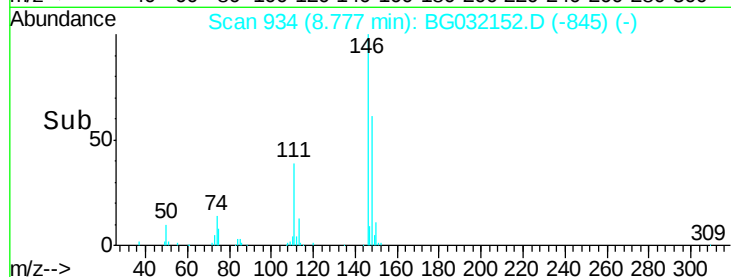
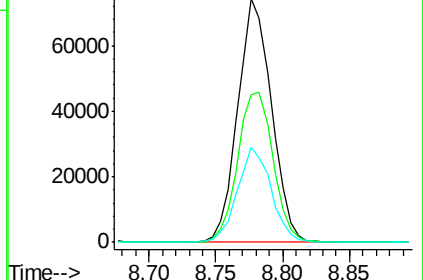
111 39.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.364 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

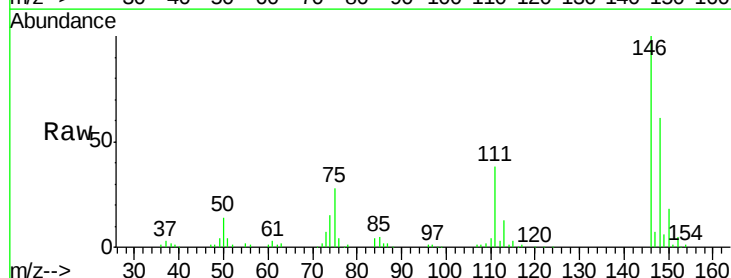
Tgt Ion:146 Resp: 125583

Ion Ratio Lower Upper

146 100

148 60.8 49.3 73.9

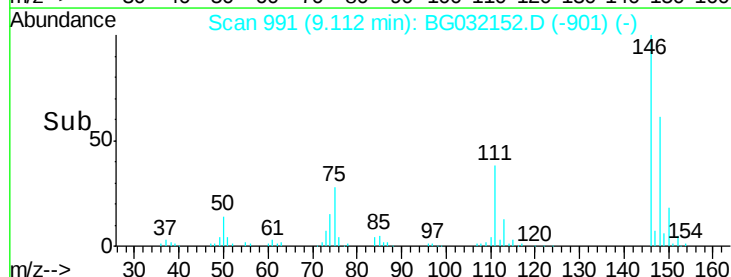
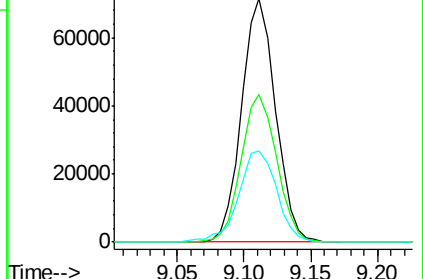
111 37.6 34.3 51.5



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: 43.560 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

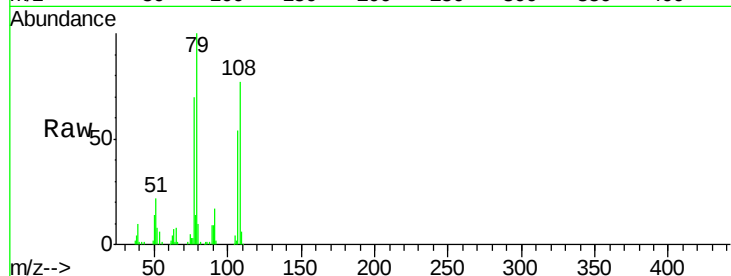
Tot Ion: 79 Resp: 96503

Ion Ratio Lower Upper

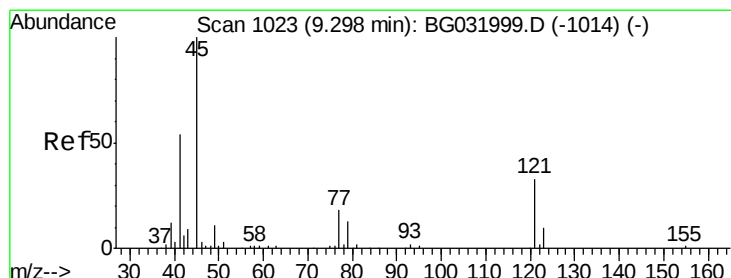
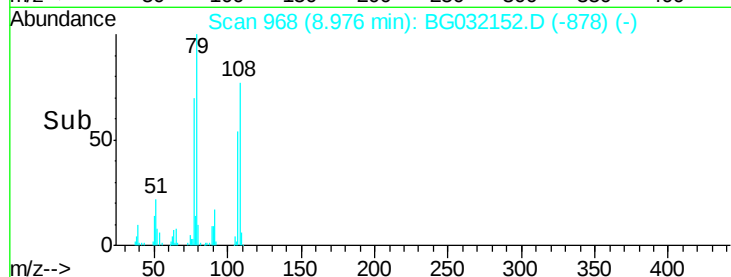
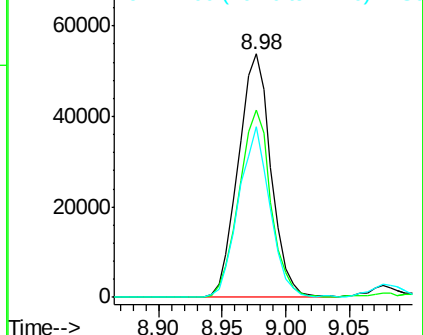
79 100

108 76.9 57.2 85.8

77 70.3 46.1 69.1#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.905 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

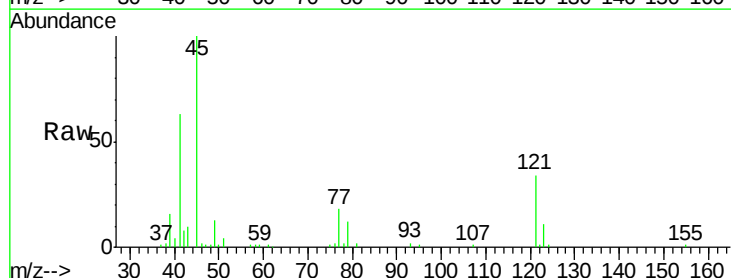
Tgt Ion: 45 Resp: 90267

Ion Ratio Lower Upper

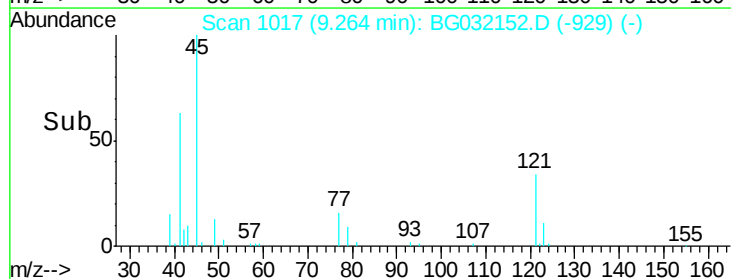
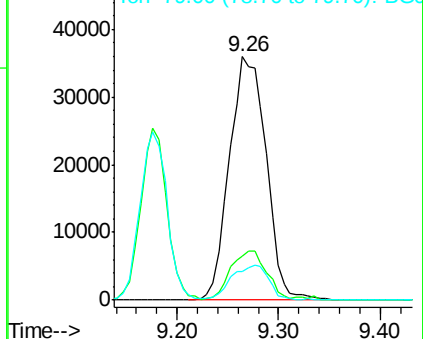
45 100

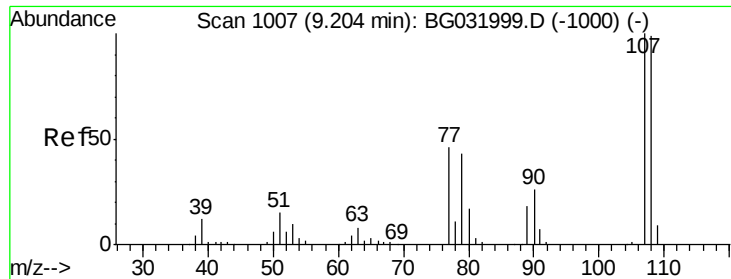
77 17.8 0.0 30.2

79 11.6 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.899 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

Tot Ion:107 Resp: 91602

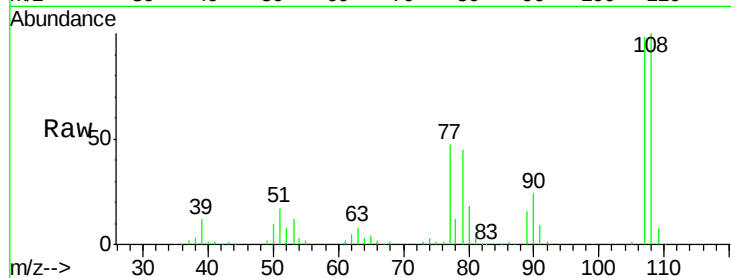
Ion Ratio Lower Upper

107 100

108 102.6 83.9 125.9

77 48.3 37.2 55.8

79 46.1 36.2 54.2

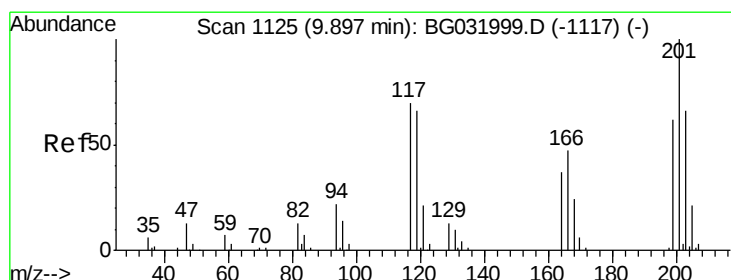
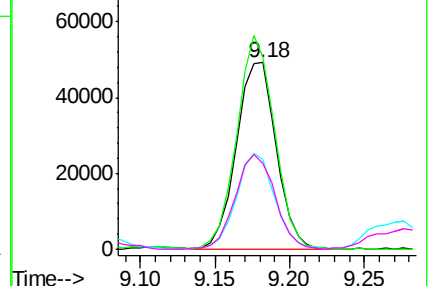
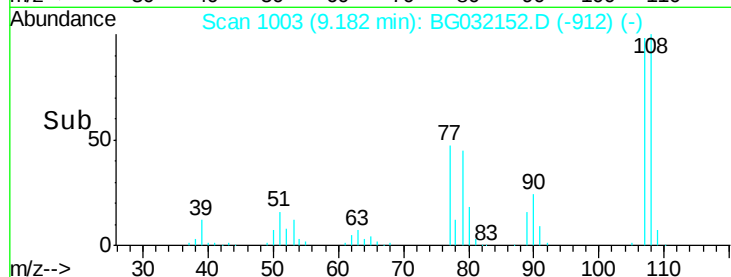


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.762 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

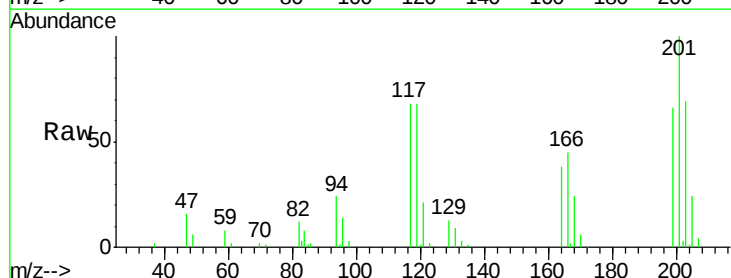
Tgt Ion:117 Resp: 42536

Ion Ratio Lower Upper

117 100

119 100.2 76.7 115.1

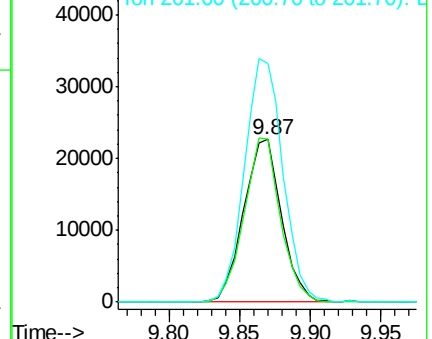
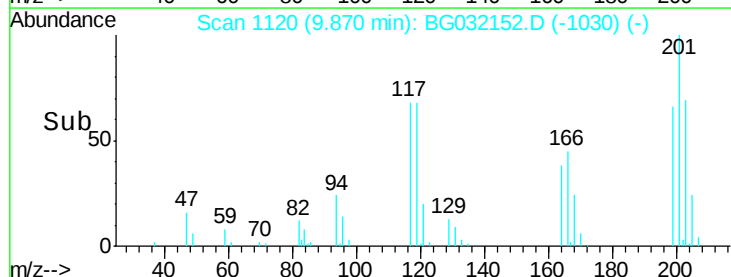
201 147.2 95.7 143.5#

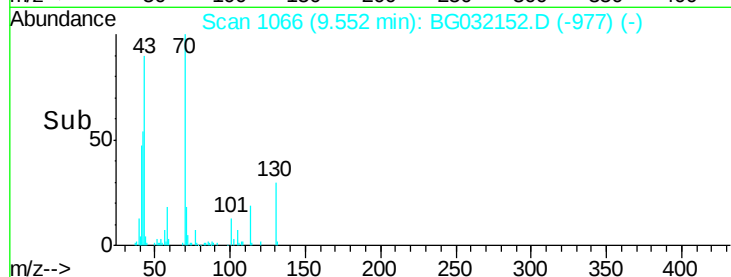
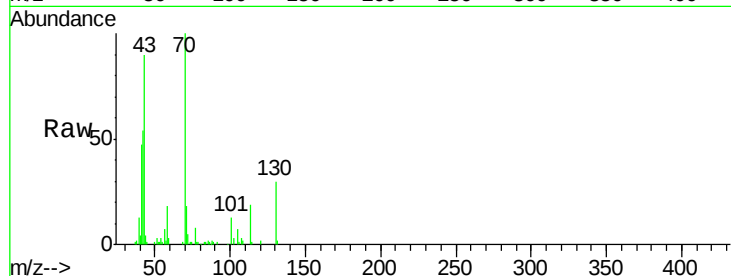
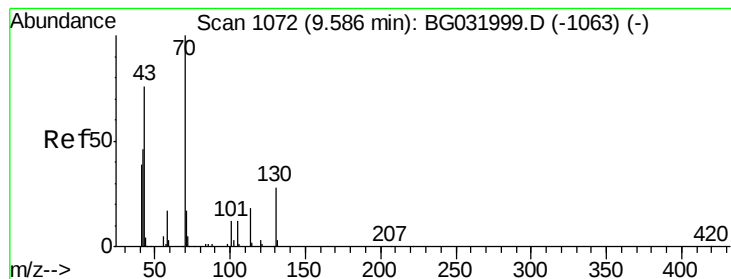


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

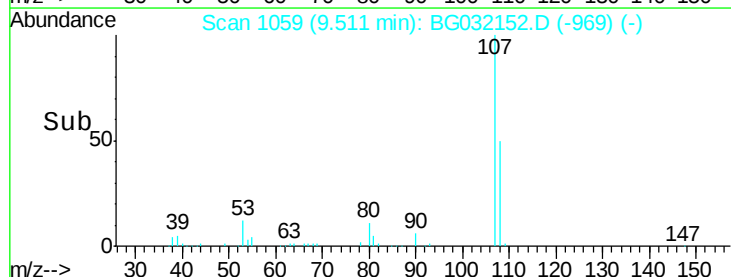
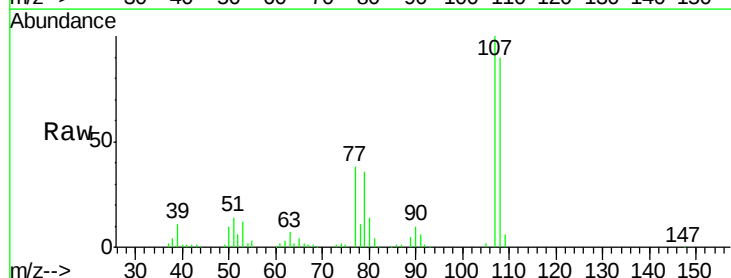
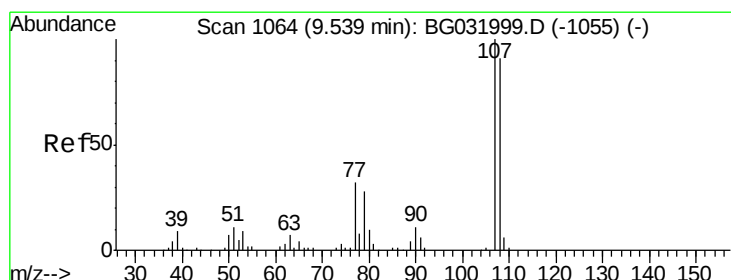
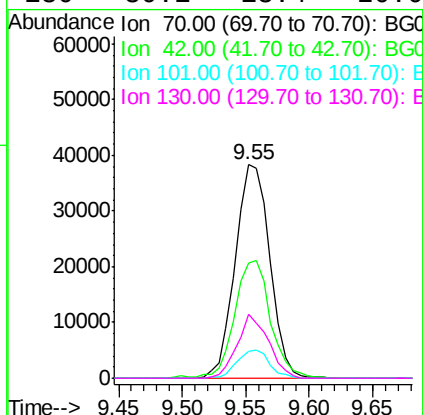




#19
n-Nitroso-di-n-propylamine
Concen: 38.306 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

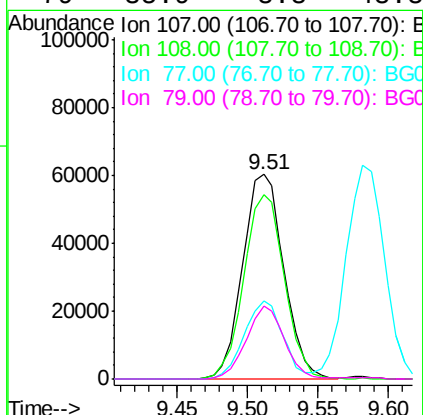
Instrument :
BNA_G
ClientSampleId :
PB105755BS

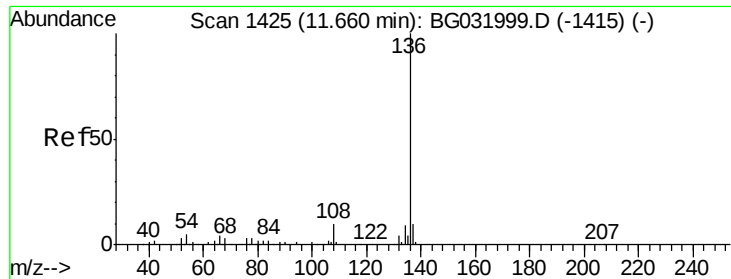
Tot Ion: 70 Resp: 72481
Ion Ratio Lower Upper
70 100
42 53.8 49.1 73.7
101 12.7 8.5 12.7
130 30.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 38.731 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion: 107 Resp: 123183
Ion Ratio Lower Upper
107 100
108 89.9 61.6 101.6
77 37.9 13.9 53.9
79 35.9 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: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

Tot Ion:136 Resp: 177925

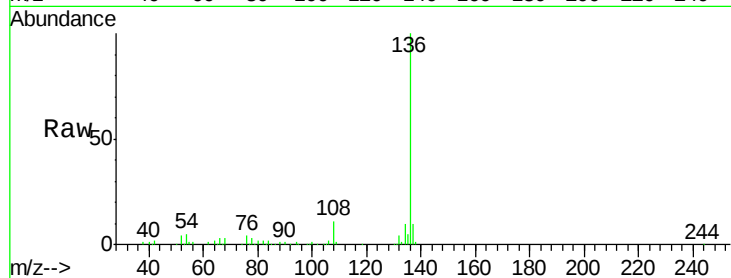
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 5.5 10.3 15.5#

68 2.9 4.5 6.7#

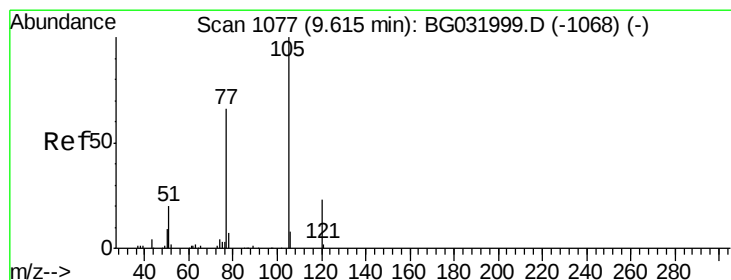
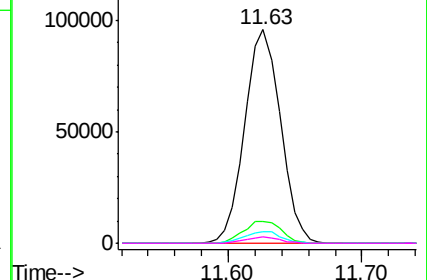
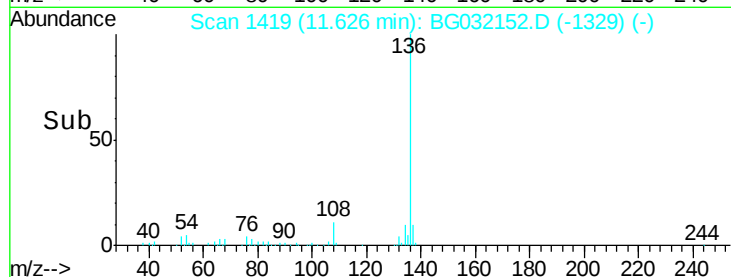


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 40.685 ng

RT: 9.58 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Tgt Ion:105 Resp: 164432

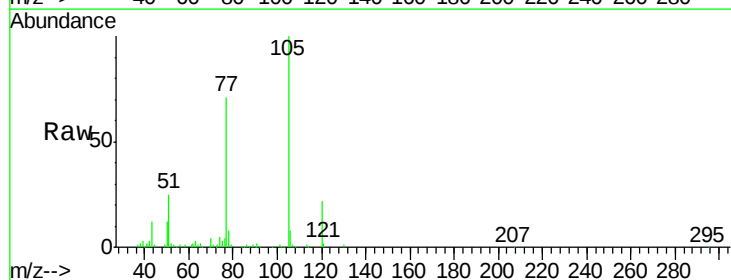
Ion Ratio Lower Upper

105 100

71 1.4 3.0 4.4#

51 25.2 26.1 39.1#

120 22.3 17.4 26.2

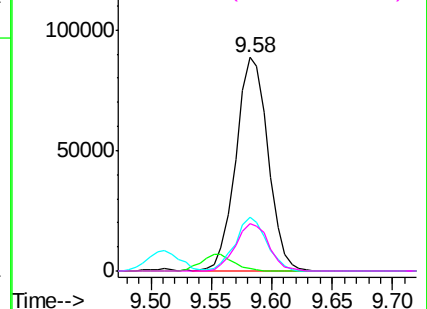
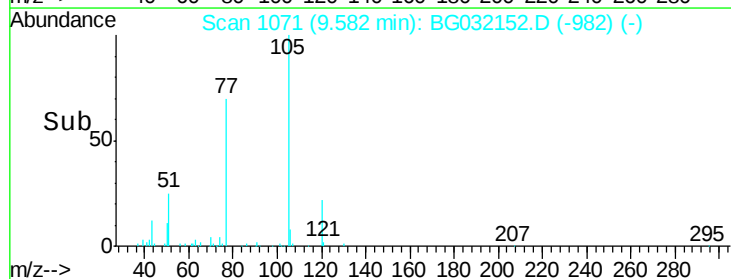


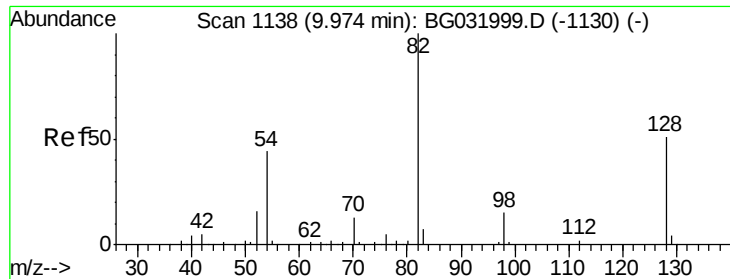
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.929 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

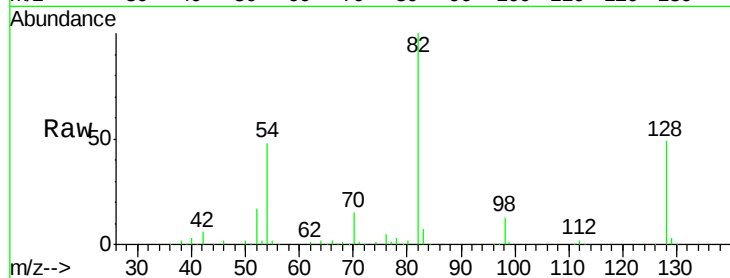
Tot Ion: 82 Resp: 231247

Ion Ratio Lower Upper

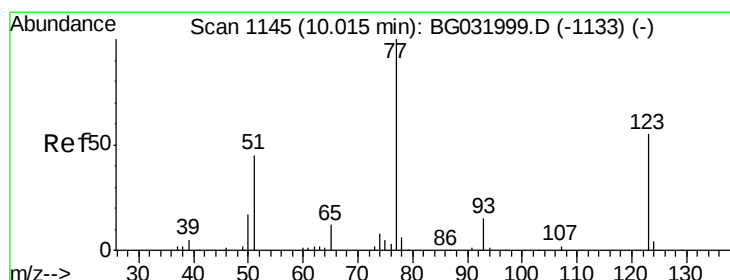
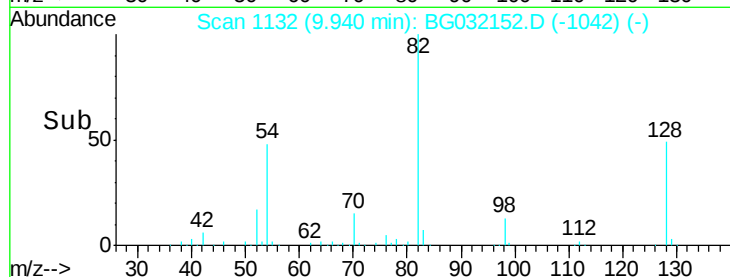
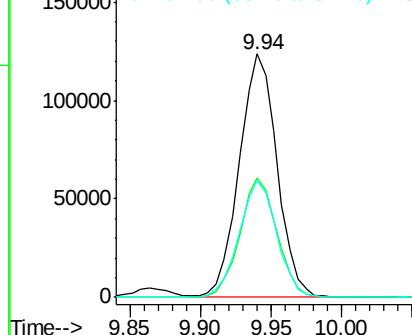
82 100

128 48.9 29.7 44.5#

54 48.1 43.1 64.7



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



#24

Nitrobenzene

Concen: 42.187 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

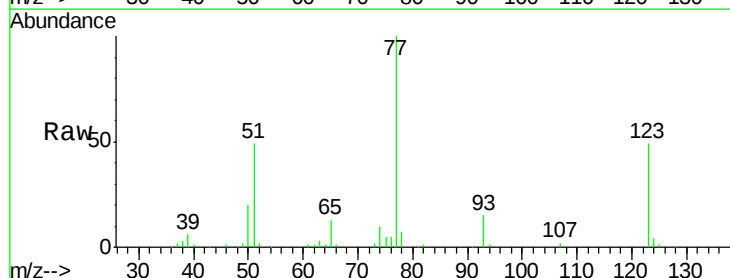
Tgt Ion: 77 Resp: 110669

Ion Ratio Lower Upper

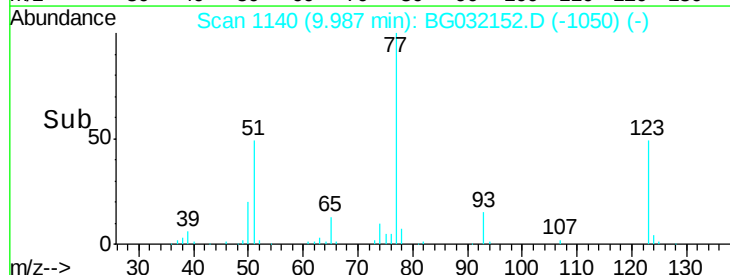
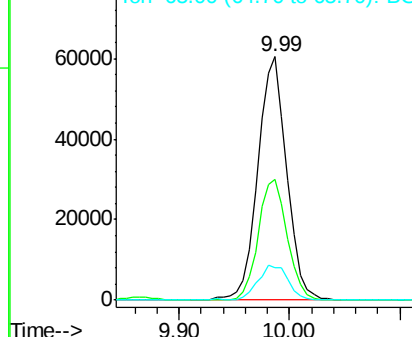
77 100

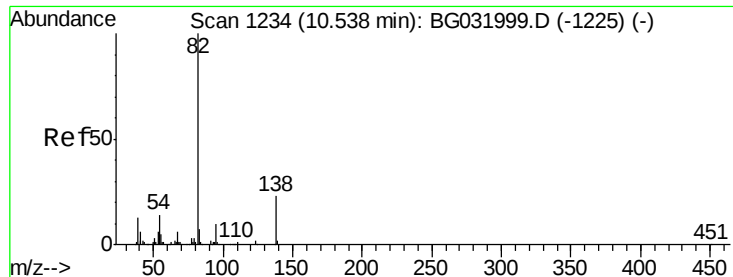
123 49.5 33.0 49.6

65 13.2 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

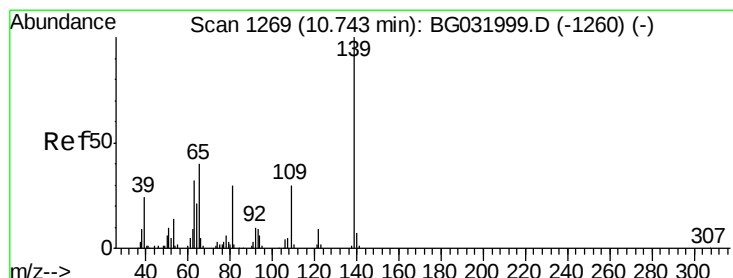
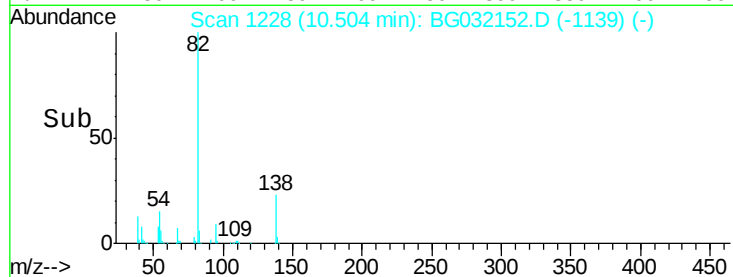
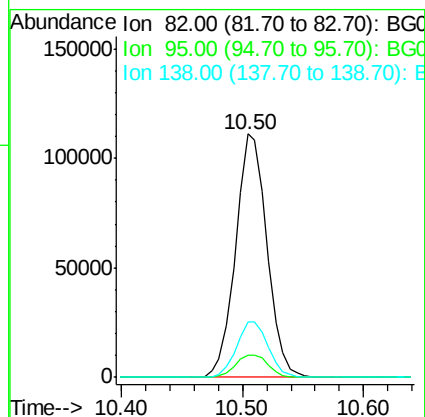
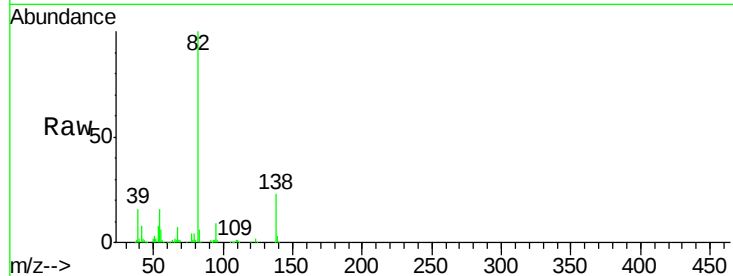




#25
Isophorone
Concen: 40.929 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

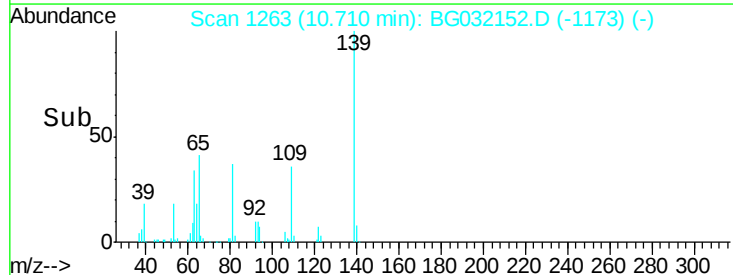
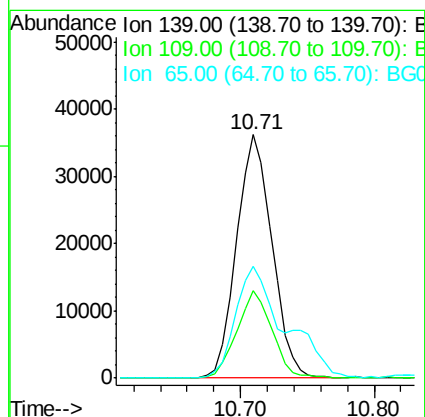
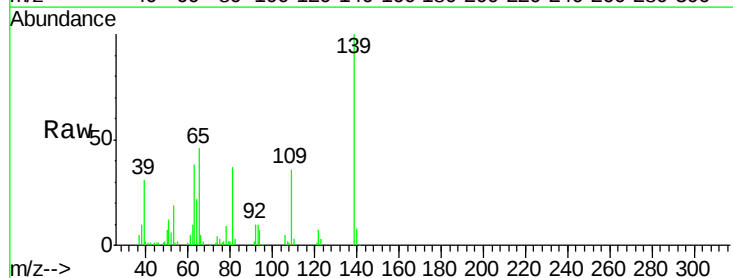
Instrument :
BNA_G
ClientSampleId :
PB105755BS

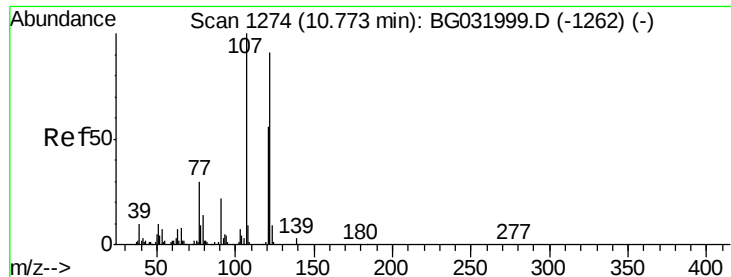
Tot Ion	Ratio	Lower	Upper
82	100		
95	9.2	6.2	9.2
138	22.7	12.1	18.1



#26
2-Nitrophenol
Concen: 42.791 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.7	24.2	36.2
65	45.8	47.4	71.0

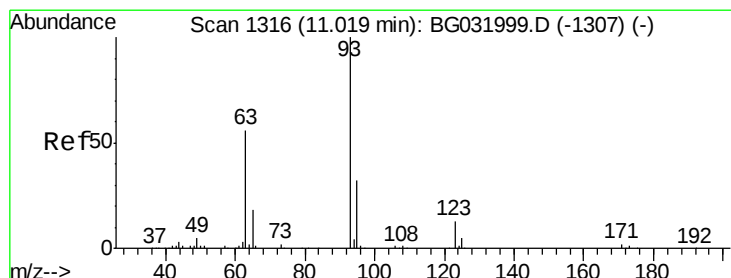
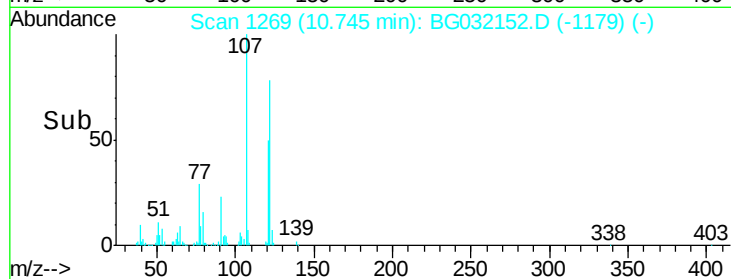
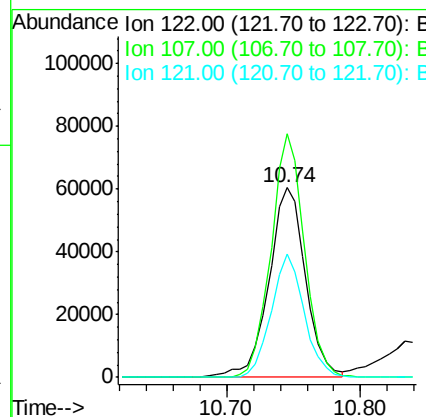
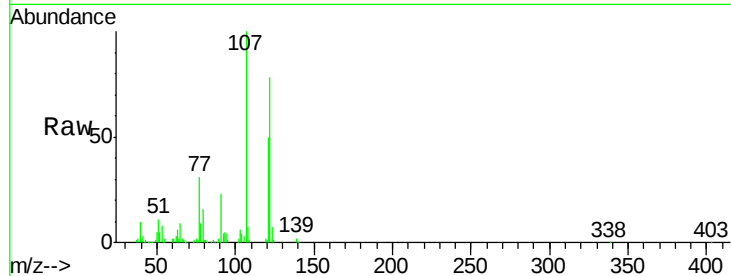




#27
 2,4-Dimethylphenol
 Concen: 46.803 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

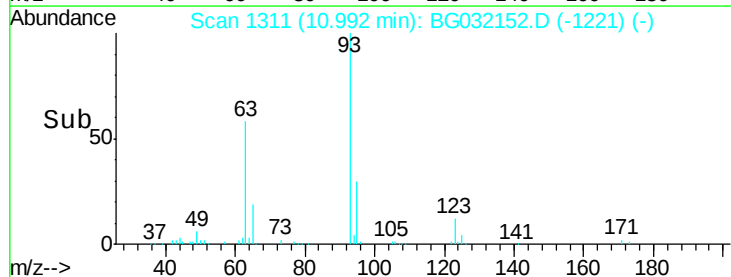
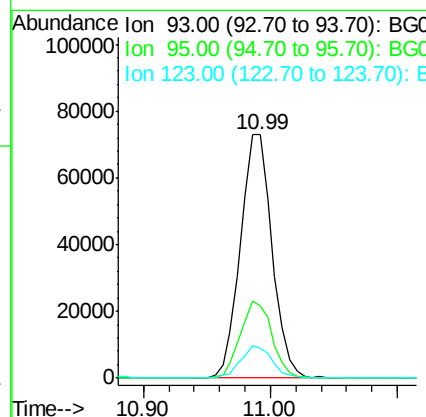
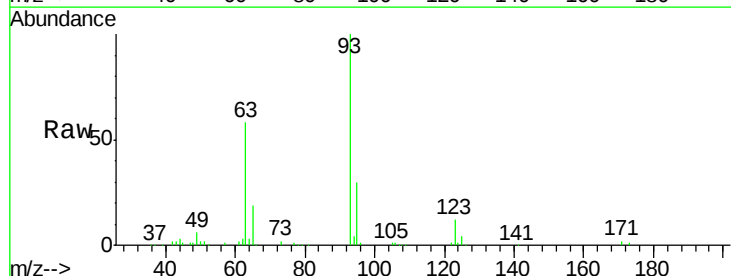
Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

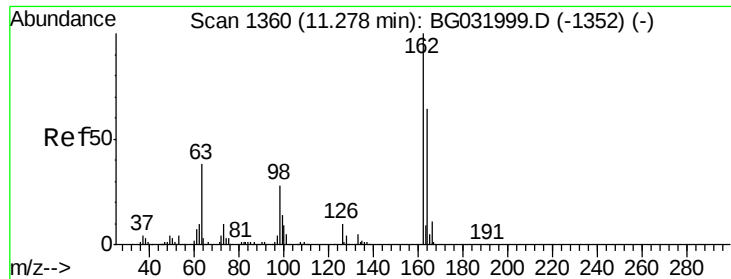
Tot Ion:122 Resp: 115445
 Ion Ratio Lower Upper
 122 100
 107 128.7 100.2 150.2
 121 65.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.779 ng
 RT: 10.99 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion: 93 Resp: 126215
 Ion Ratio Lower Upper
 93 100
 95 29.8 24.3 36.5
 123 12.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 45.822 ng

RT: 11.25 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

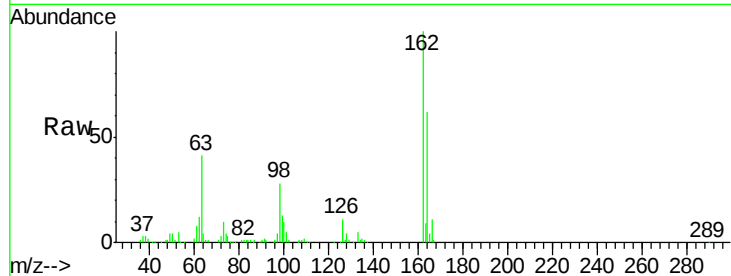
Tot Ion:162 Resp: 139075

Ion Ratio Lower Upper

162 100

164 61.5 48.0 88.0

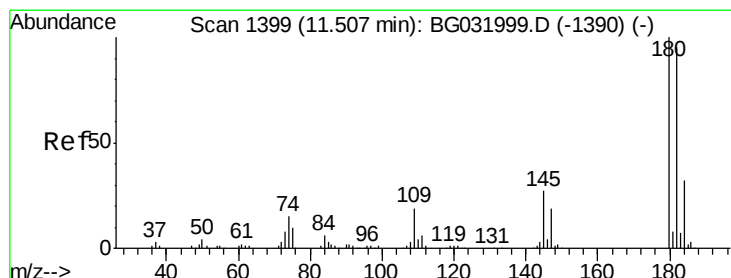
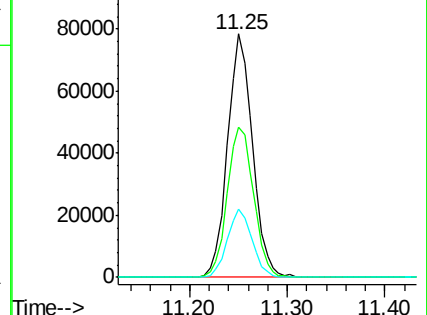
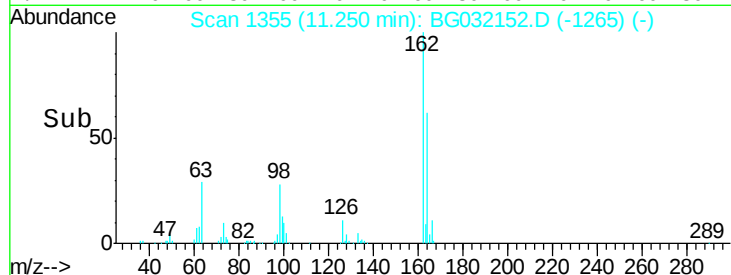
98 28.0 21.1 61.1



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: 39.608 ng

RT: 11.48 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

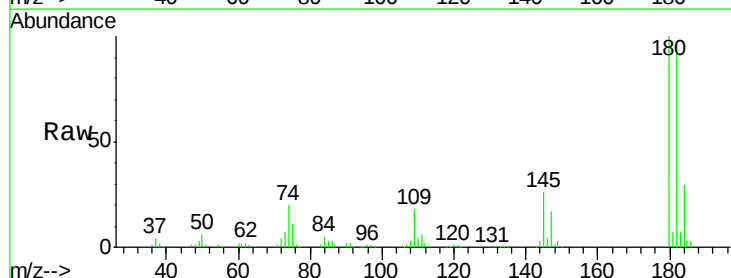
Tgt Ion:180 Resp: 155253

Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

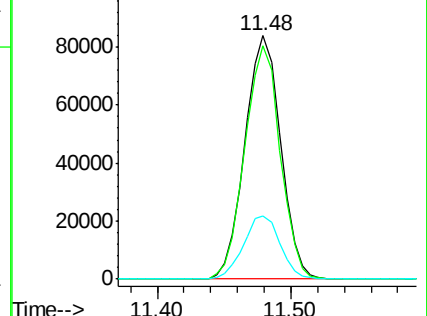
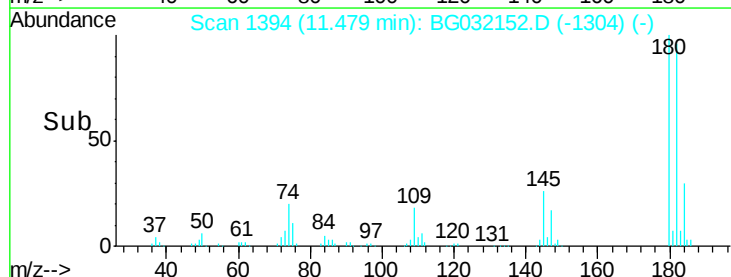
145 26.1 23.4 35.2

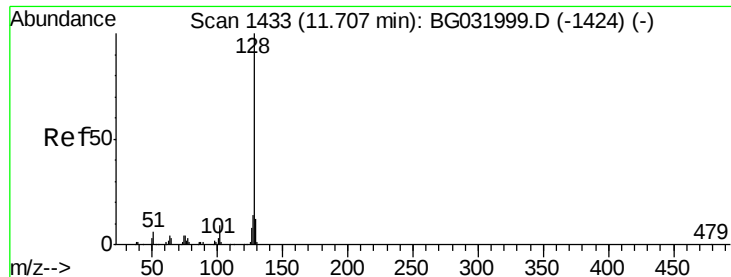


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

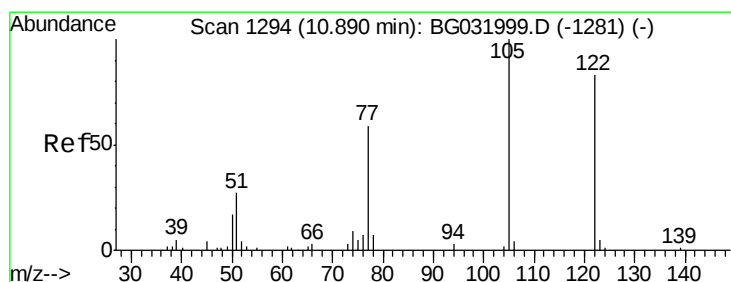
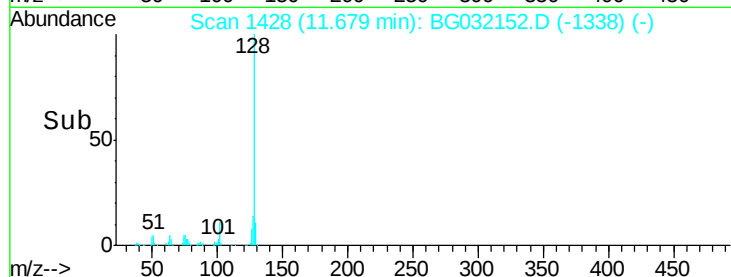
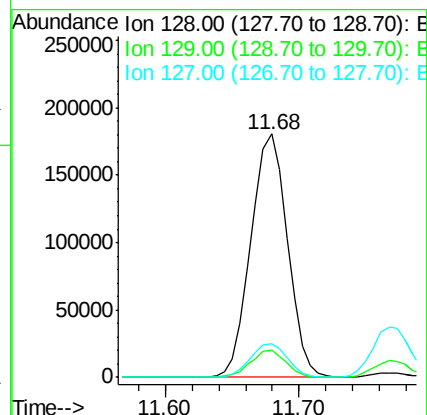
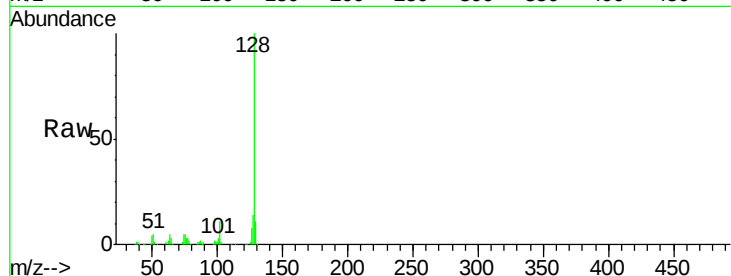




#31
Naphthalene
Concen: 38.911 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

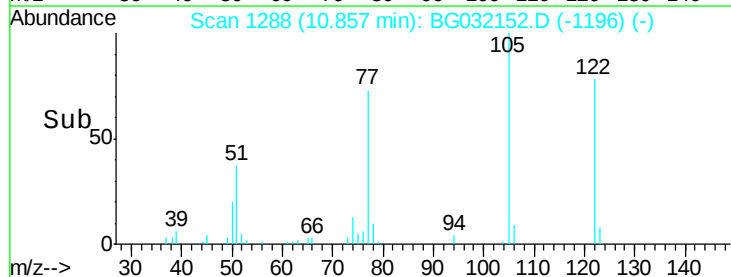
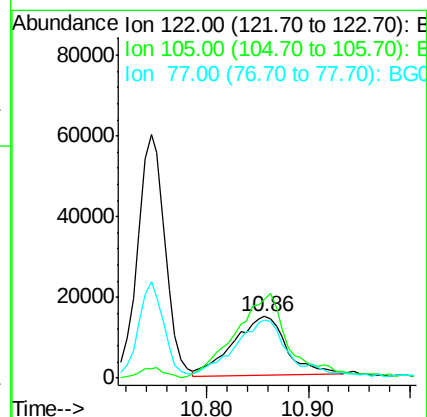
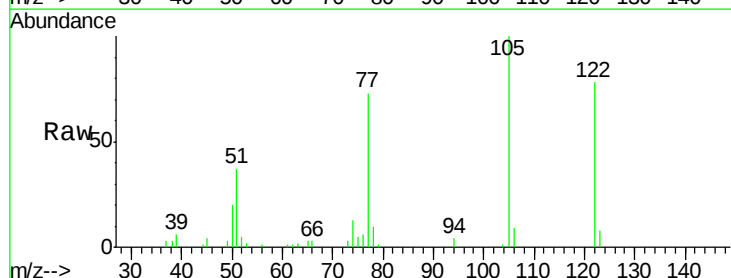
Instrument :
BNA_G
ClientSampleId :
PB105755BS

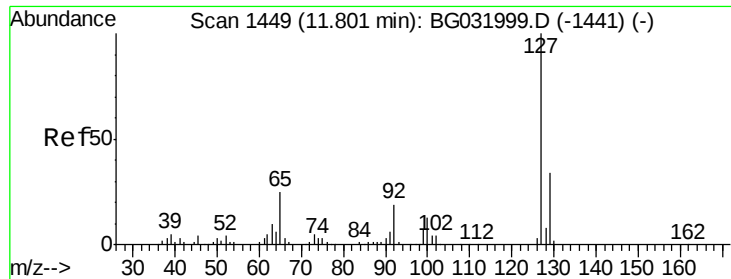
Tot Ion:128 Resp: 342965
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 29.264 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:122 Resp: 53348
Ion Ratio Lower Upper
122 100
105 127.7 123.5 163.5
77 93.3 85.7 125.7

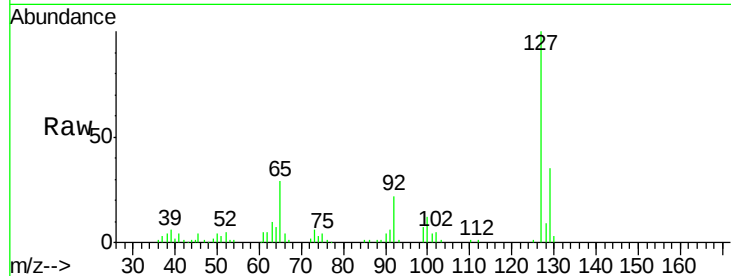




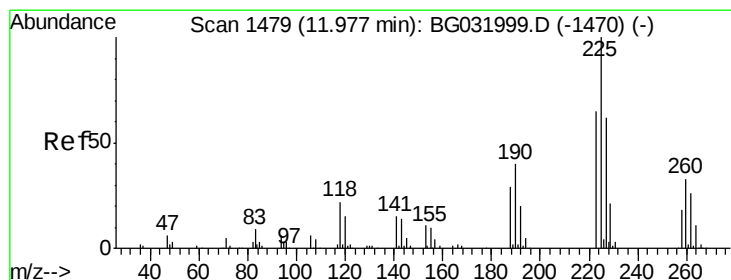
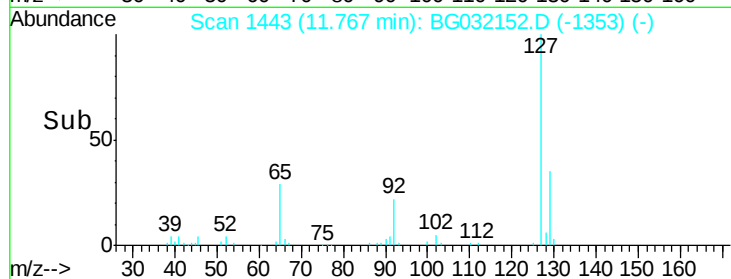
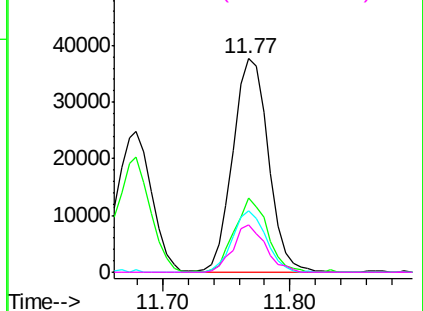
#33
 4-Chloroaniline
 Concen: 19.433 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

Tot Ion:	127	Resp:	73450
Ion	Ratio	Lower	Upper
127	100		
129	34.6	24.0	36.0
65	28.8	27.0	40.4
92	22.4	16.6	25.0

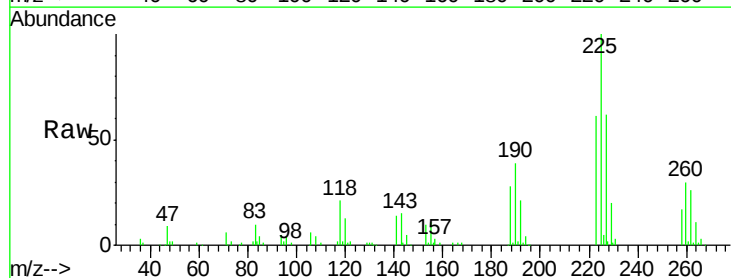


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

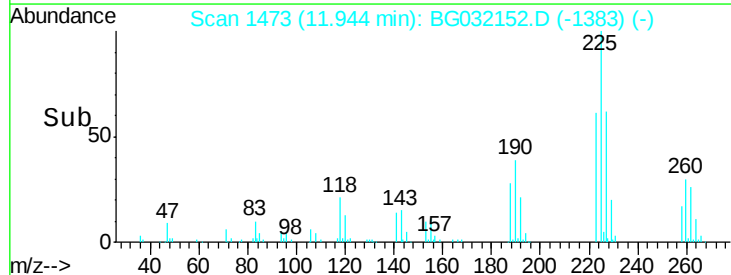
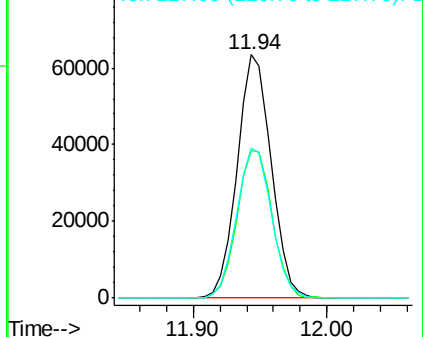


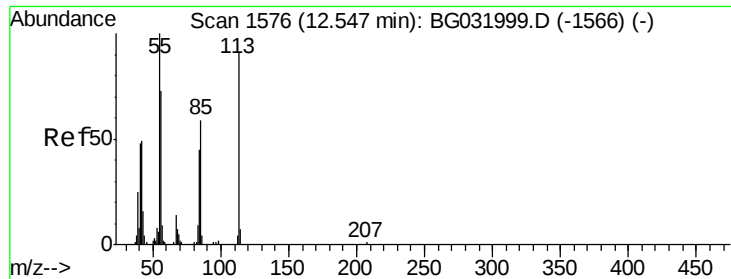
#34
 Hexachlorobutadiene
 Concen: 39.713 ng
 RT: 11.94 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion:	225	Resp:	111807
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.7	74.5
227	61.7	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.453 ng

RT: 12.52 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

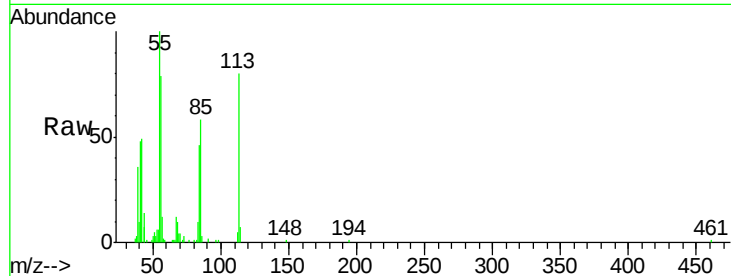
Tot Ion:113 Resp: 42773

Ion Ratio Lower Upper

113 100

55 125.1 186.9 226.9#

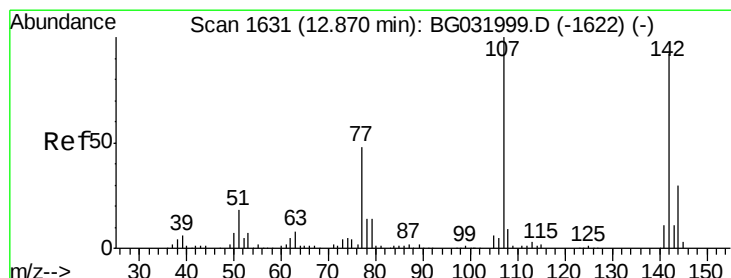
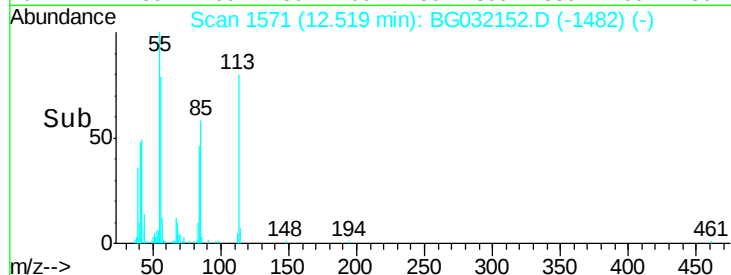
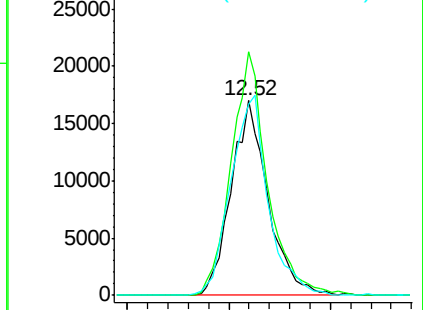
56 98.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.068 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

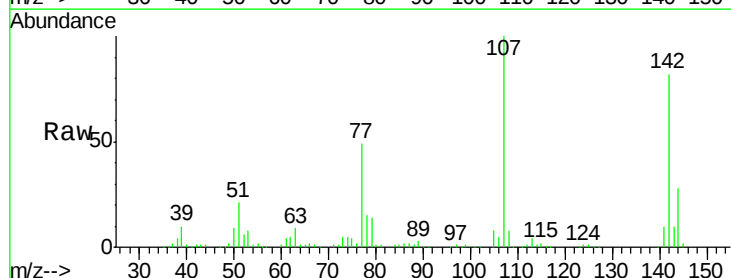
Tgt Ion:107 Resp: 127983

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

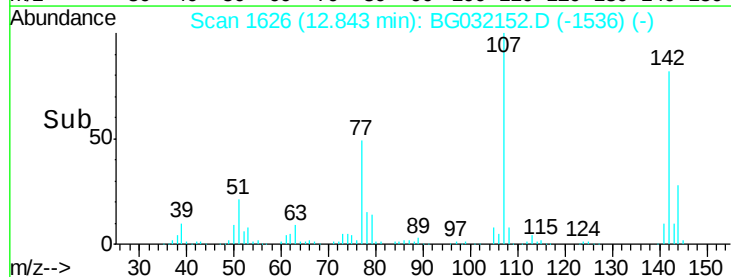
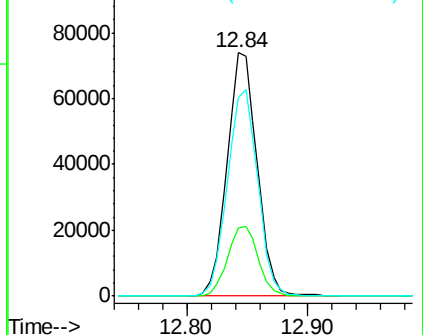
142 81.9 59.0 88.4

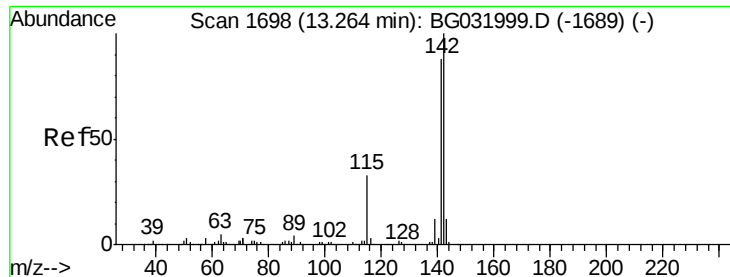


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

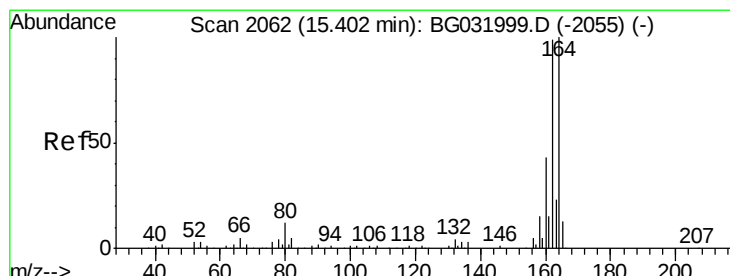
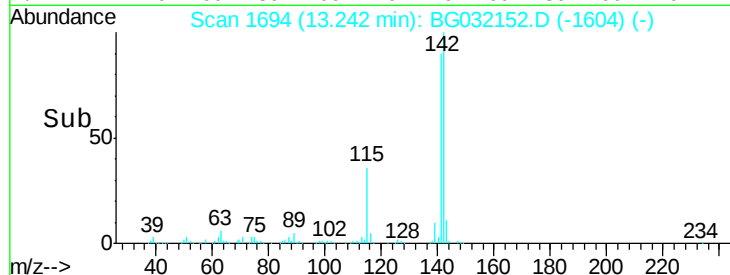
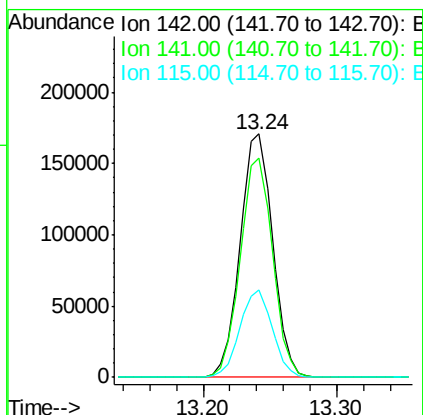
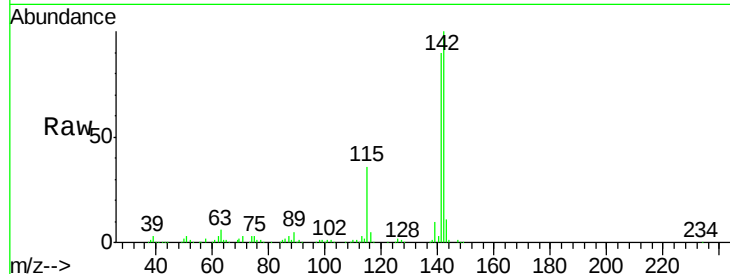




#37
2-Methylnaphthalene
Concen: 41.078 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

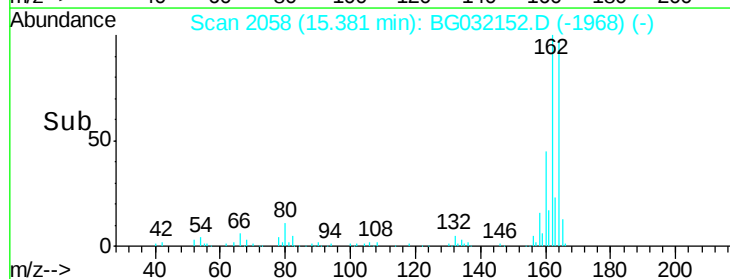
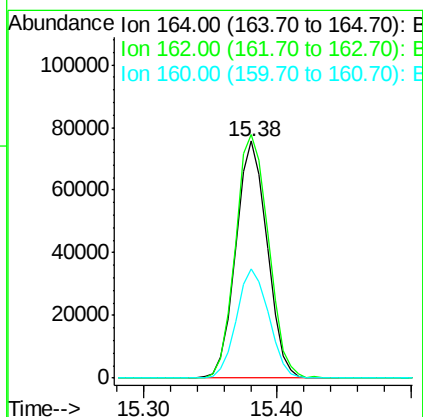
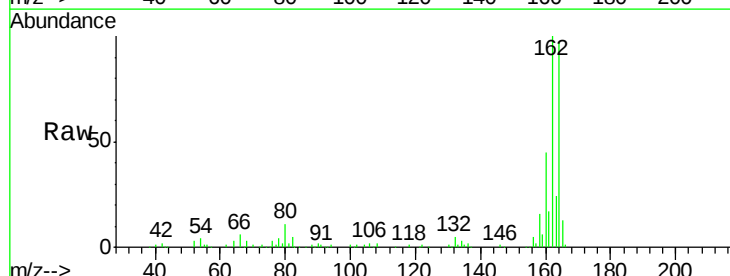
Instrument :
BNA_G
ClientSampleId :
PB105755BS

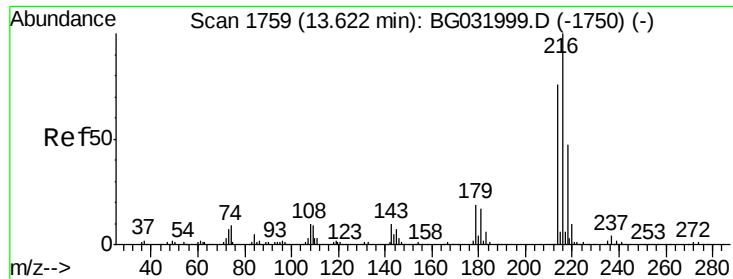
Tot Ion:142 Resp: 287448
Ion Ratio Lower Upper
142 100
141 90.1 67.1 100.7
115 36.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:164 Resp: 122838
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.908 ng

RT: 13.59 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

Tot Ion:216 Resp: 219043

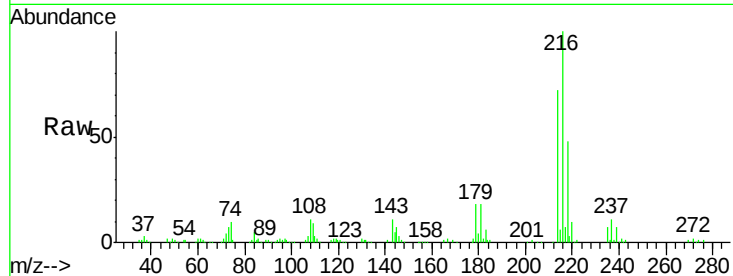
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 18.4 17.0 25.6

108 12.4 12.8 19.2#

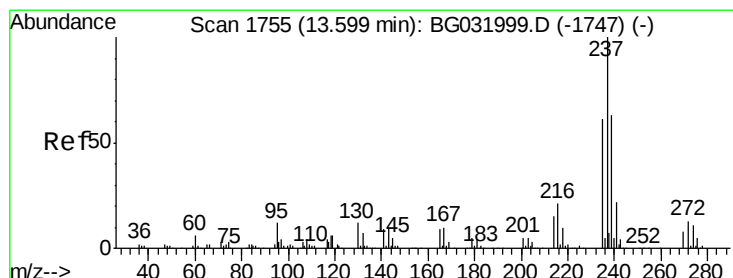
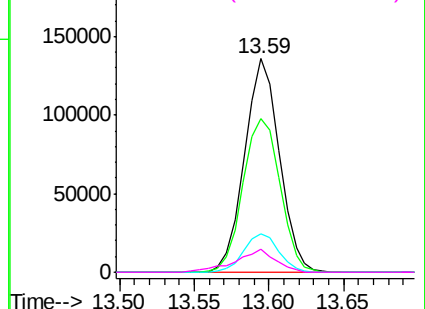
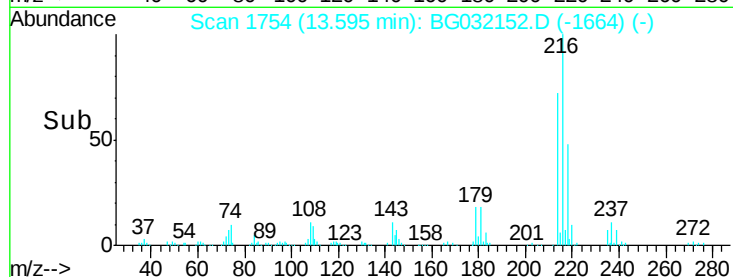


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.671 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

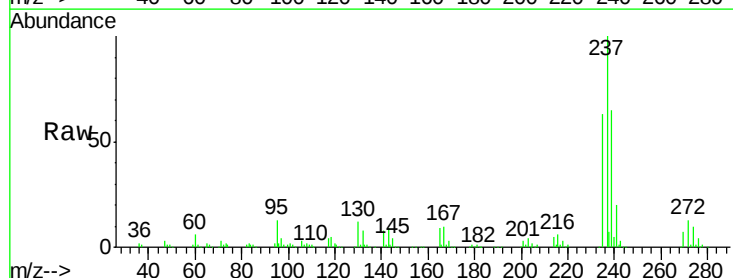
Tgt Ion:237 Resp: 294560

Ion Ratio Lower Upper

237 100

235 62.6 50.4 90.4

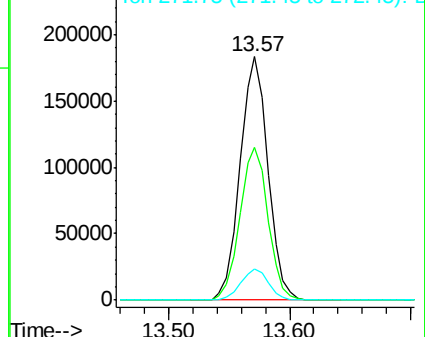
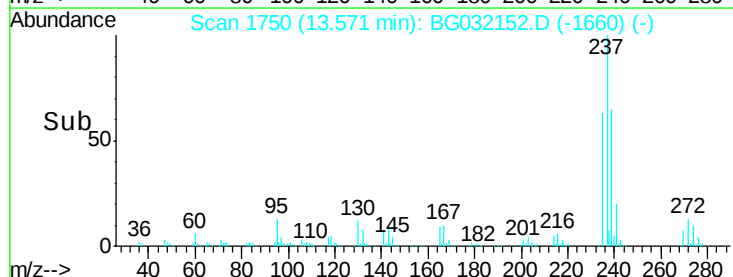
272 12.9 0.0 31.8

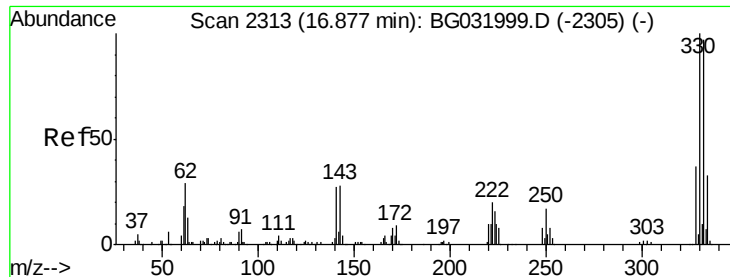


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

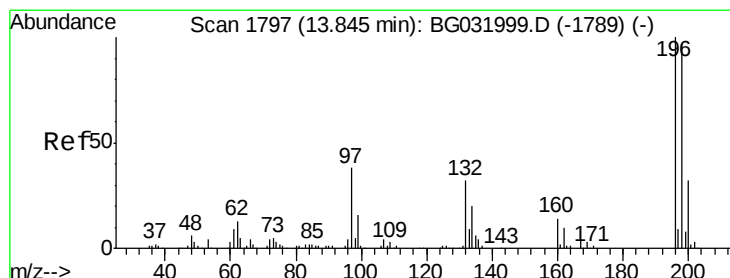
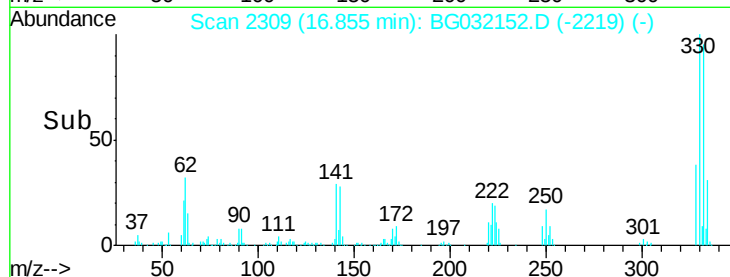
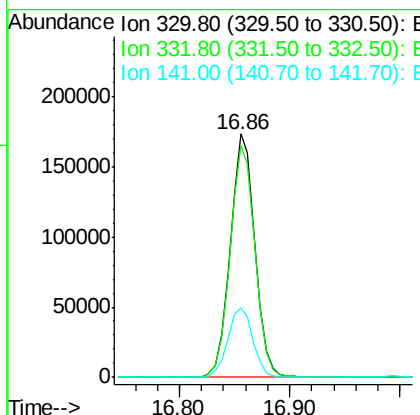
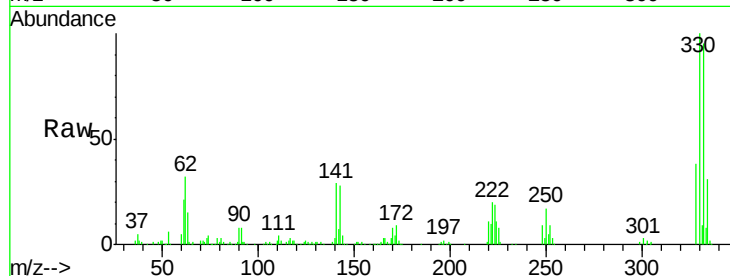




#41
 2,4,6-Tribromophenol
 Concen: 132.790 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

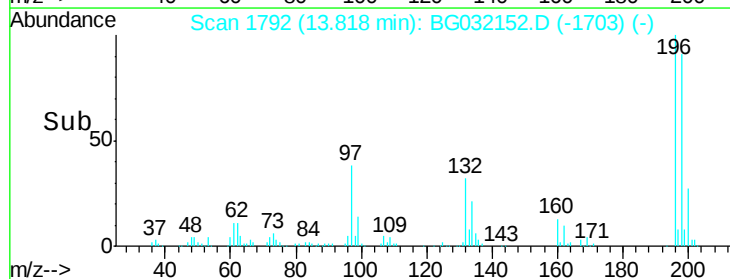
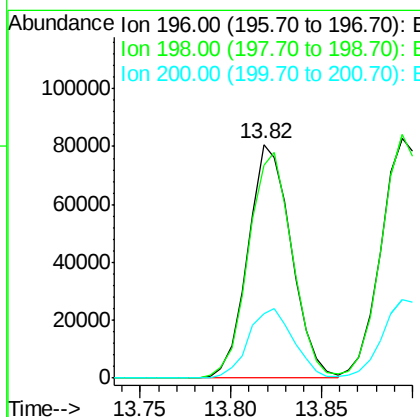
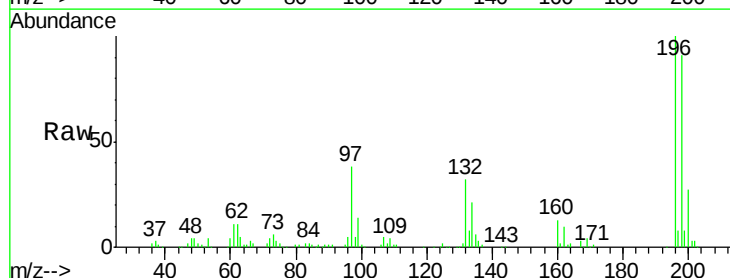
Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

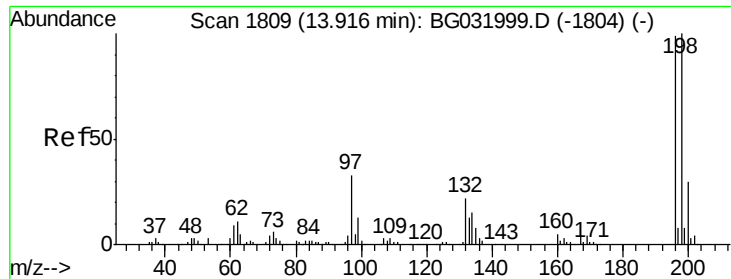
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.3	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 44.548 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	78.2	117.2
200	27.3	24.6	36.8

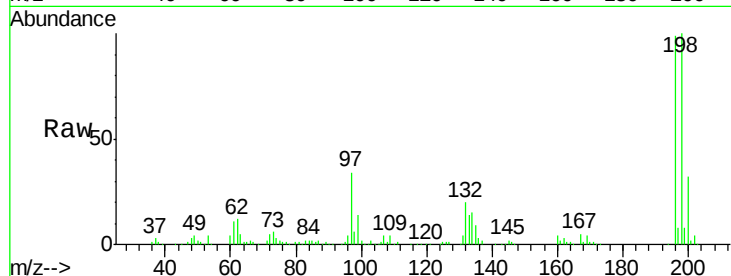




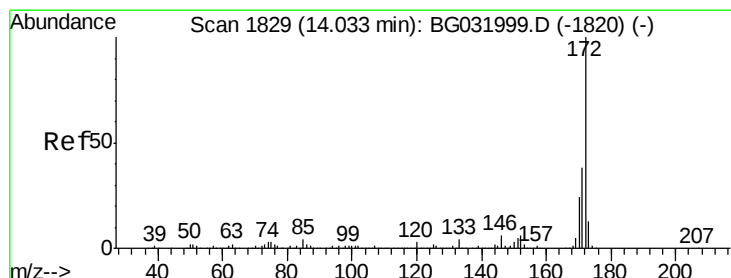
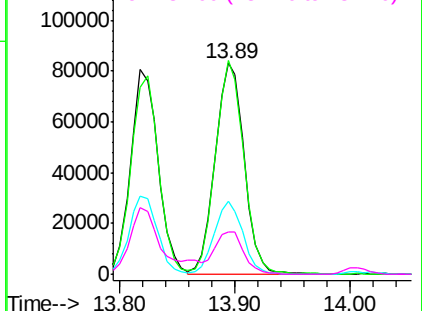
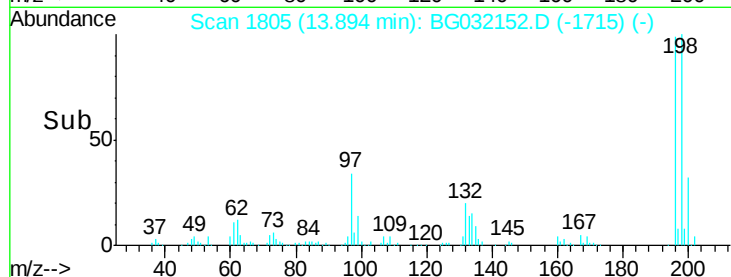
#43
 2,4,5-Trichlorophenol
 Concen: 41.478 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

Tot Ion:196 Resp: 144443
 Ion Ratio Lower Upper
 196 100
 198 101.3 76.2 114.4
 97 34.9 38.7 58.1#
 132 20.3 20.2 30.2

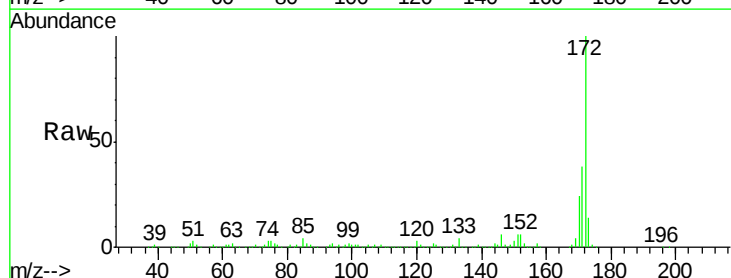


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

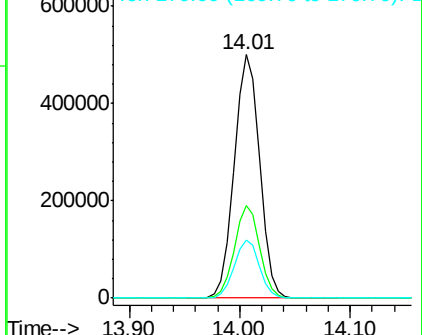
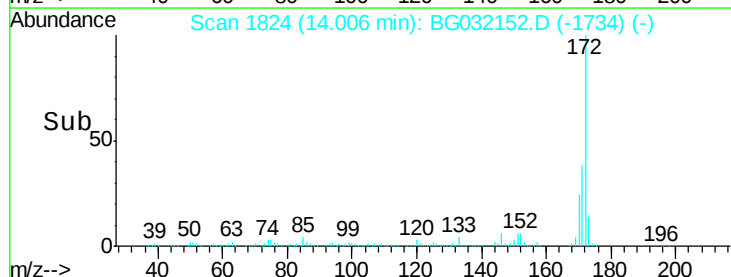


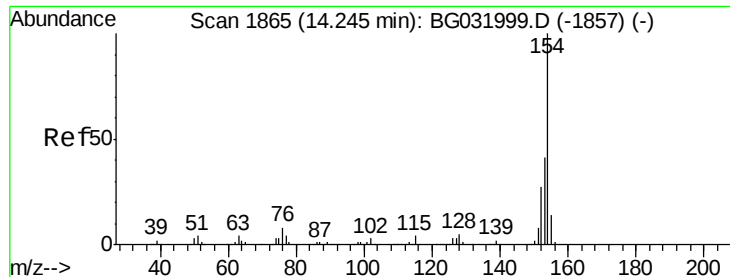
#44
 2-Fluorobiphenyl
 Concen: 81.654 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion:172 Resp: 808925
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.9 19.5 29.3



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

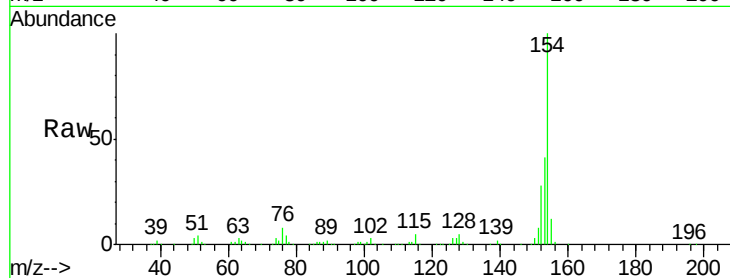




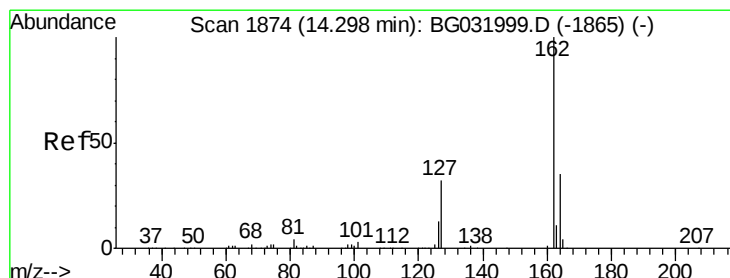
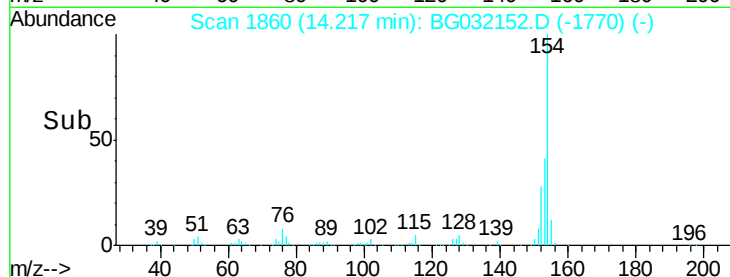
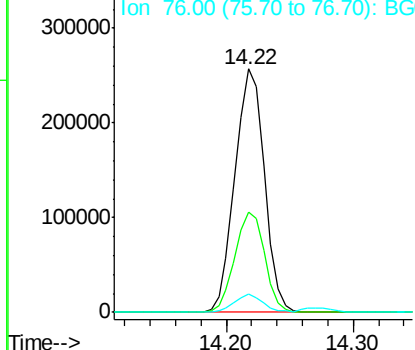
#45
 1,1'-Biphenyl
 Concen: 39.205 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

Tot Ion:154 Resp: 412852
 Ion Ratio Lower Upper
 154 100
 153 41.1 19.8 59.8
 76 7.5 0.0 31.9

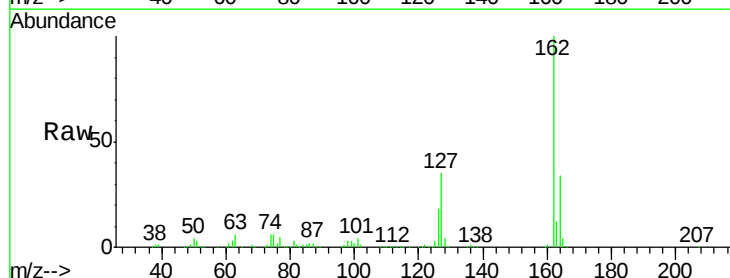


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

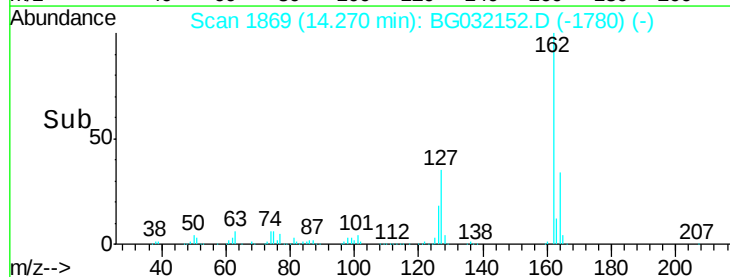
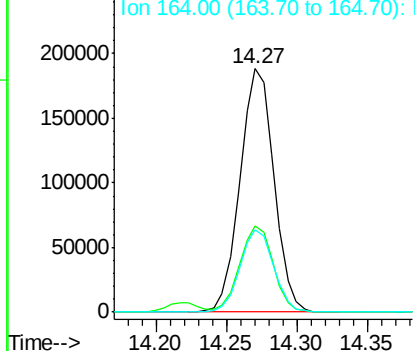


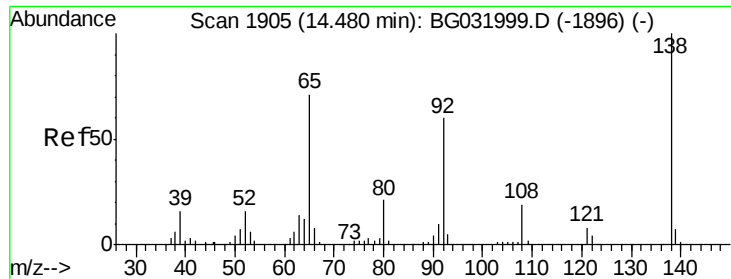
#46
 2-Chloronaphthalene
 Concen: 38.676 ng
 RT: 14.27 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion:162 Resp: 316842
 Ion Ratio Lower Upper
 162 100
 127 35.4 30.7 46.1
 164 34.0 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

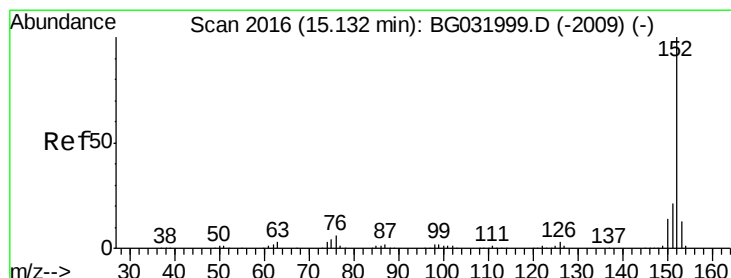
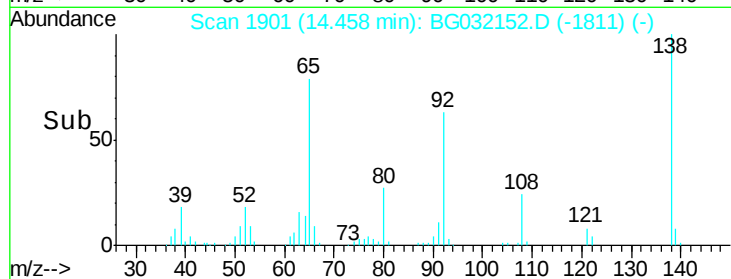
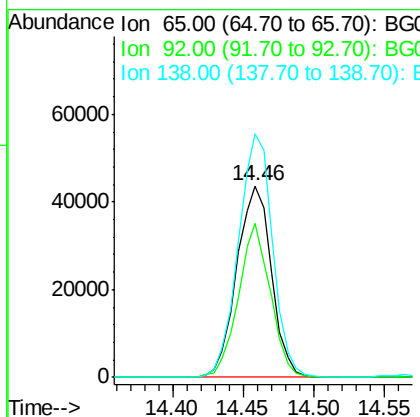
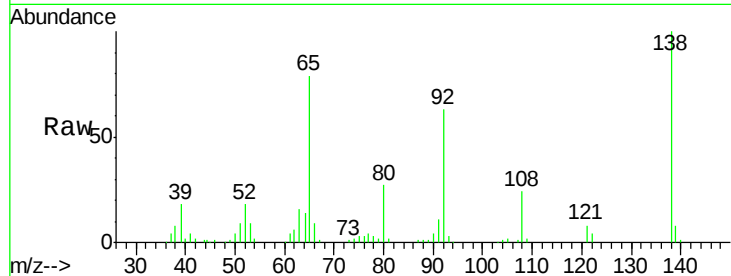




#47
2-Nitroaniline
Concen: 47.651 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

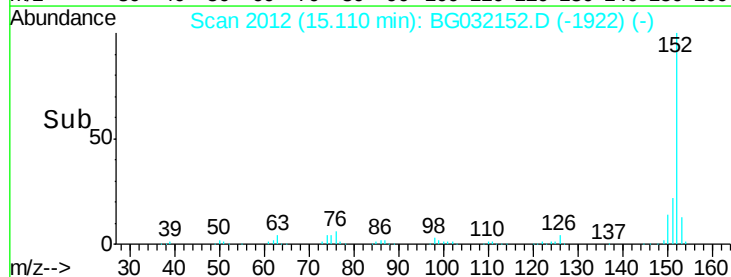
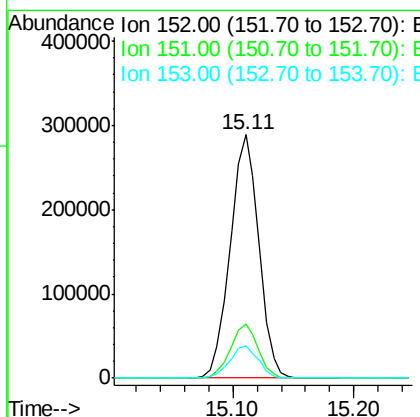
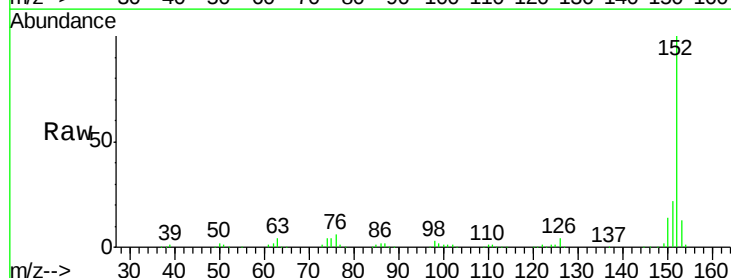
Instrument :
BNA_G
ClientSampleId :
PB105755BS

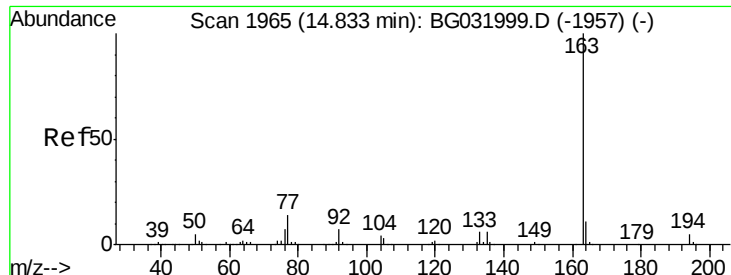
Tot Ion: 65 Resp: 74730
Ion Ratio Lower Upper
65 100
92 80.8 54.6 82.0
138 127.4 72.9 109.3#



#48
Acenaphthylene
Concen: 37.983 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion: 152 Resp: 473839
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 39.889 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

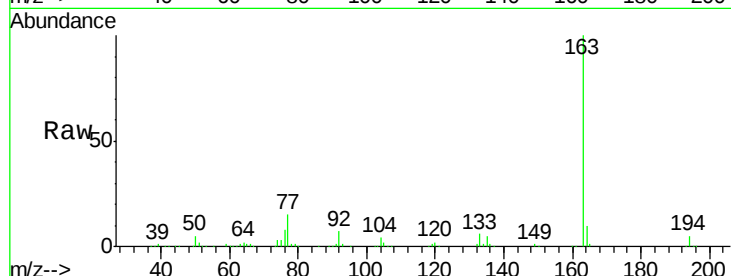
Tot Ion:163 Resp: 428785

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

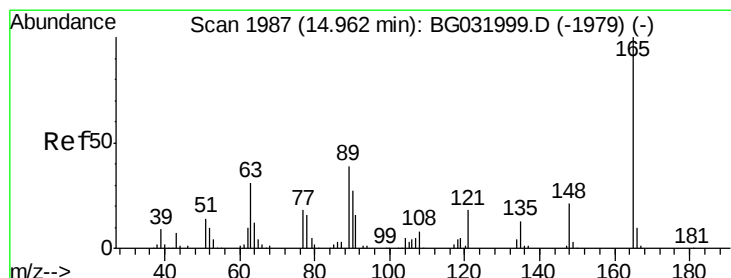
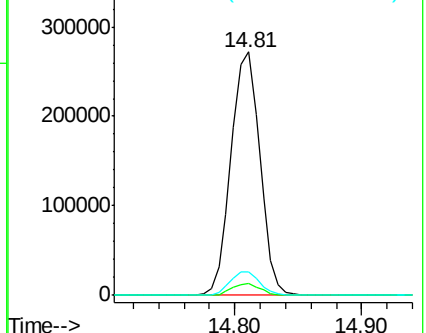
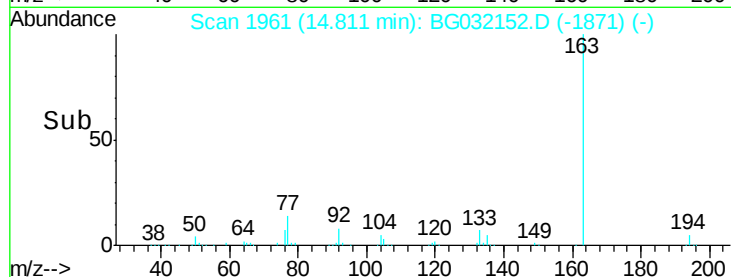
164 9.9 8.2 12.4



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: 42.461 ng

RT: 14.93 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

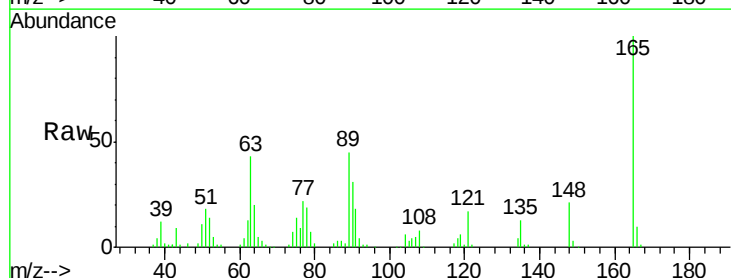
Tgt Ion:165 Resp: 94738

Ion Ratio Lower Upper

165 100

63 42.6 52.7 79.1#

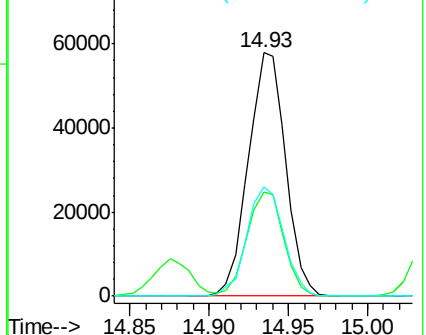
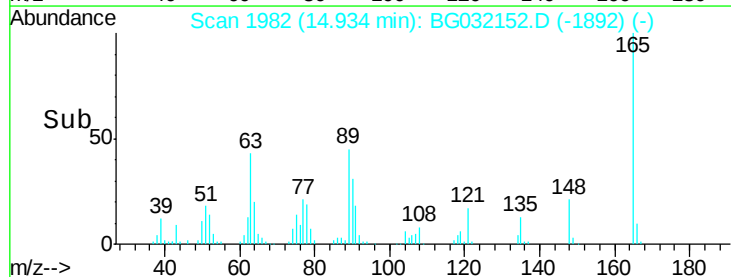
89 45.1 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 41.932 ng

RT: 15.45 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

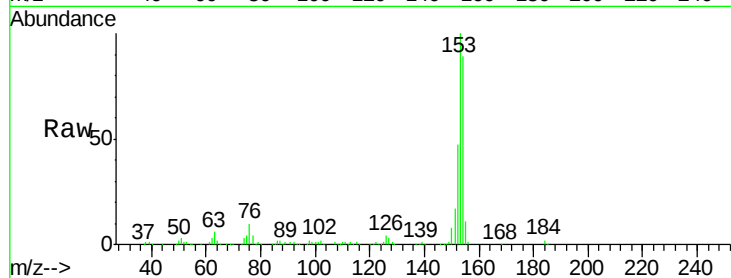
Tot Ion:154 Resp: 345891

Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

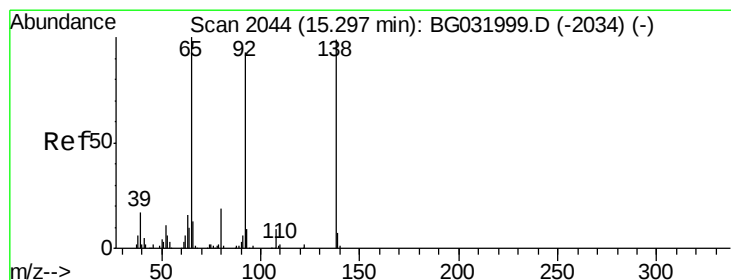
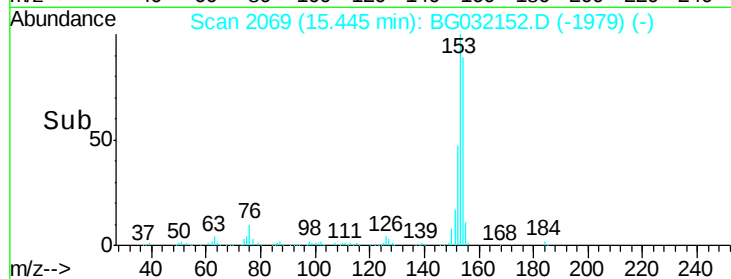
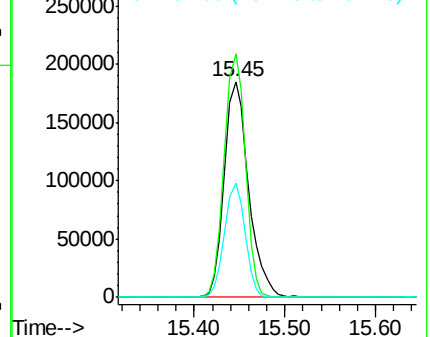
152 52.8 41.6 62.4



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: 28.571 ng

RT: 15.26 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

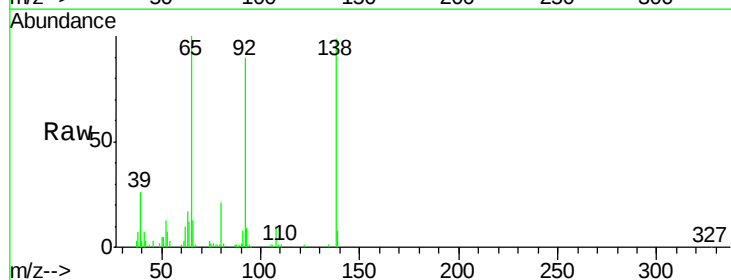
Tgt Ion:138 Resp: 57575

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

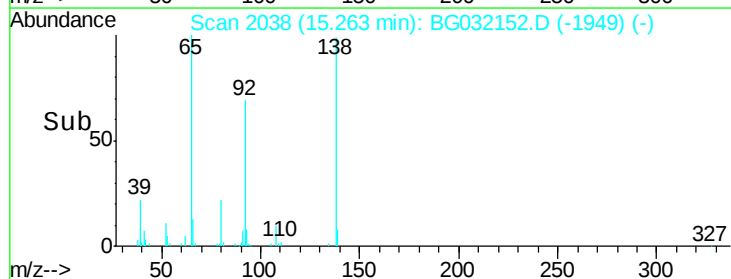
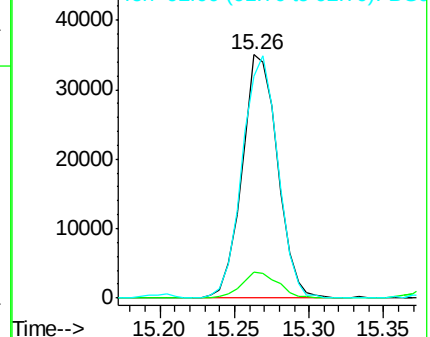
92 91.2 105.8 158.8#

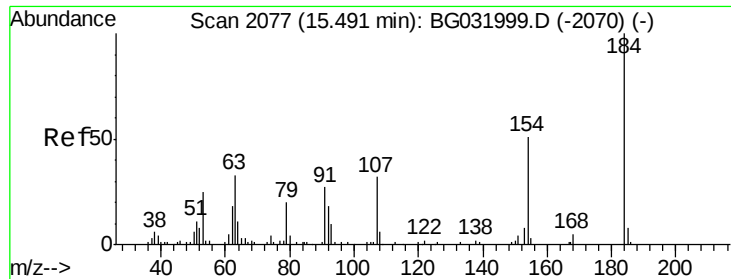


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

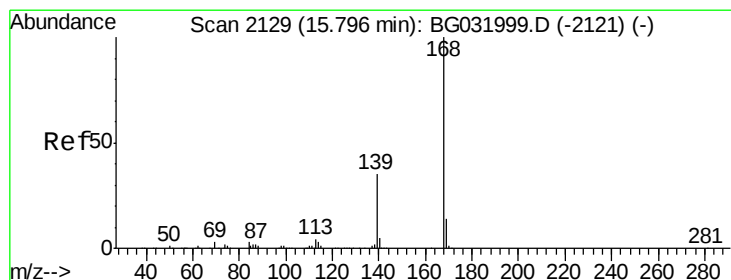
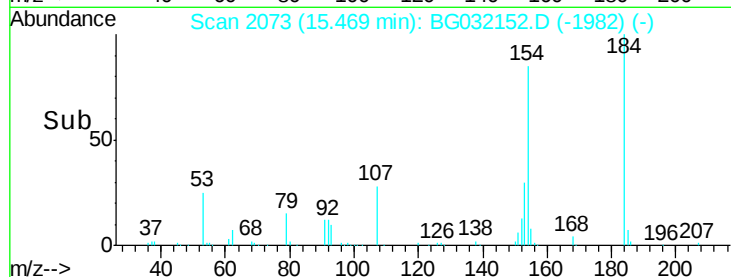
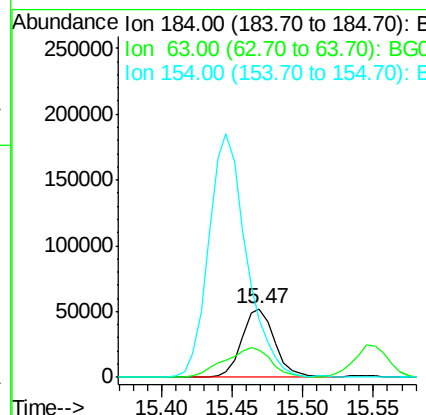
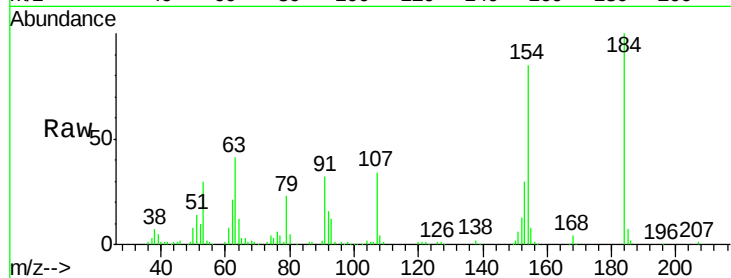




#53
 2,4-Dinitrophenol
 Concen: 76.465 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

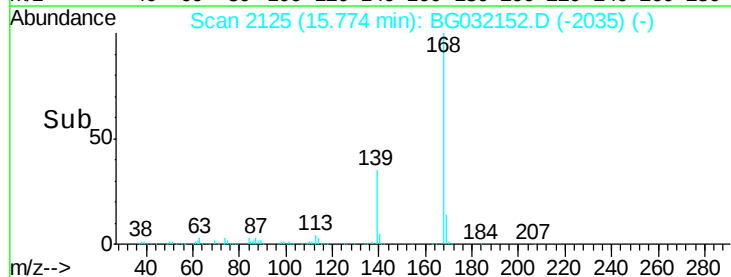
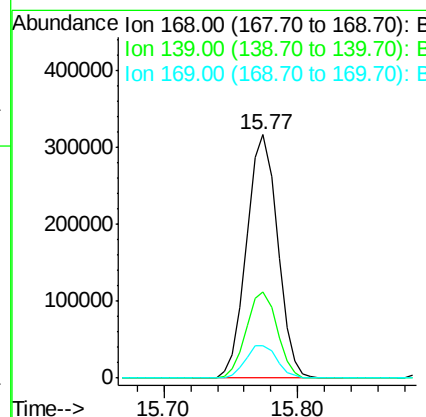
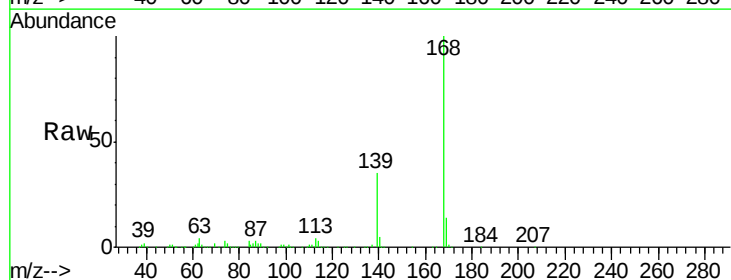
Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

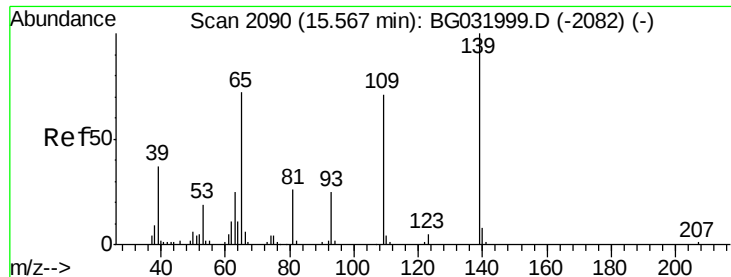
Tot Ion:184 Resp: 85206
 Ion Ratio Lower Upper
 184 100
 63 40.7 59.8 89.8#
 154 84.9 101.8 152.8#



#54
 Dibenzofuran
 Concen: 41.276 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion:168 Resp: 507924
 Ion Ratio Lower Upper
 168 100
 139 35.2 28.6 43.0
 169 13.6 11.2 16.8

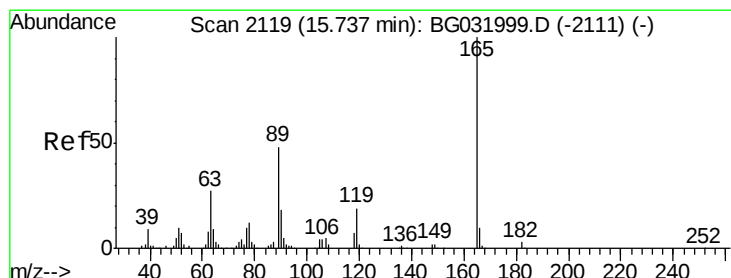
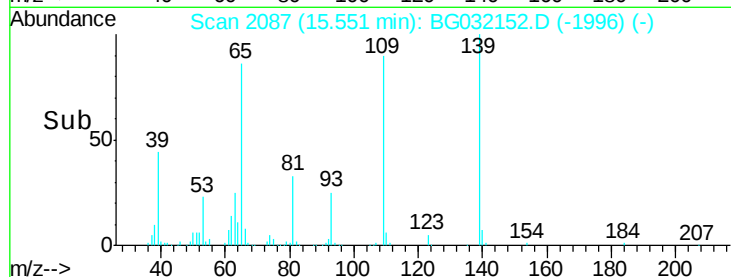
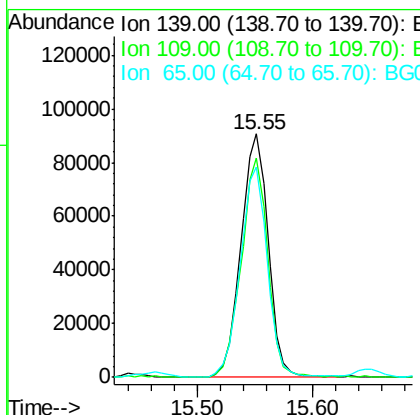
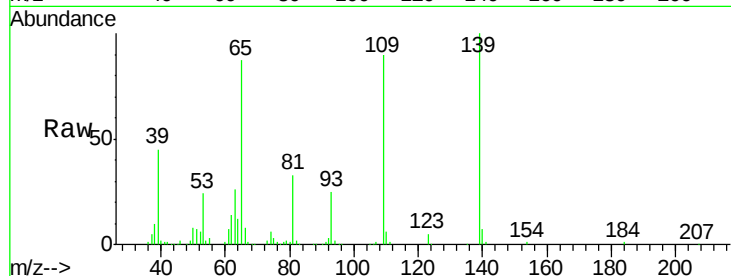




#55
4-Nitrophenol
Concen: 101.565 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

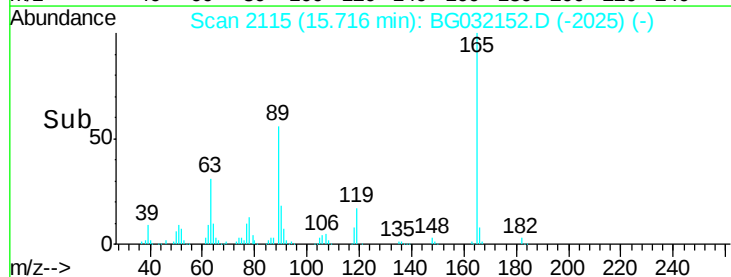
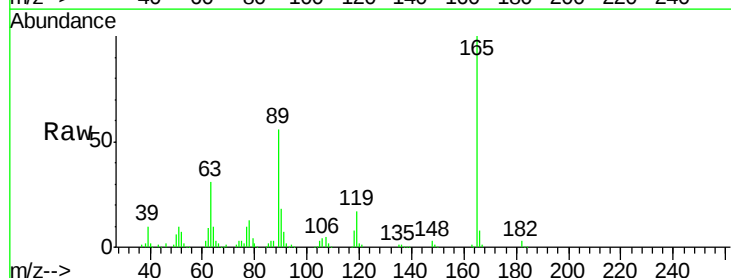
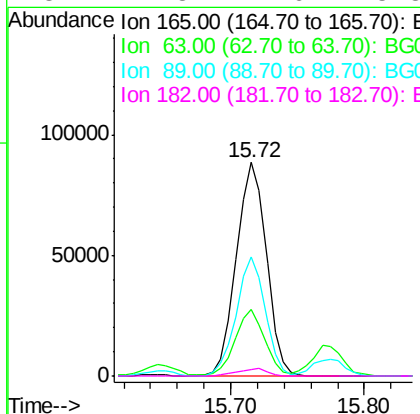
Instrument :
BNA_G
ClientSampleId :
PB105755BS

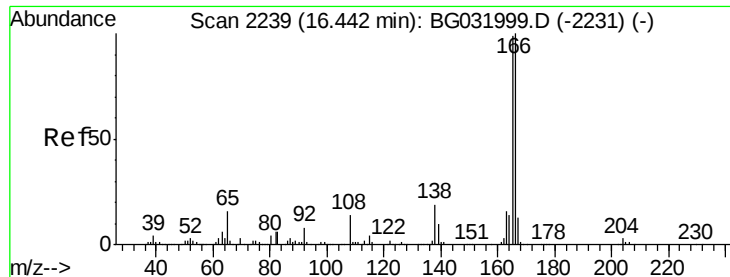
Tot Ion	Ratio	Lower	Upper
139	100		
109	90.2	62.2	102.2
65	86.6	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 46.044 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.5	42.0	63.0#
89	55.9	66.9	100.3#
182	2.8	2.6	3.8





#57

Fluorene

Concen: 40.472 ng

RT: 16.41 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

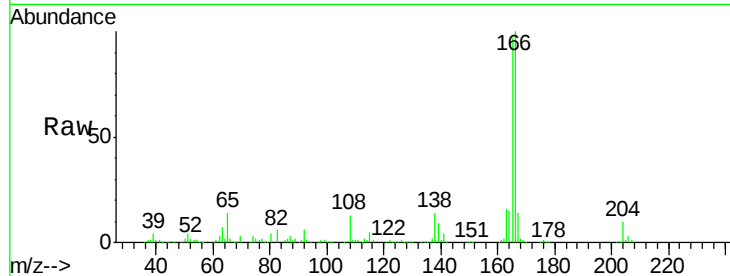
Tot Ion:166 Resp: 408454

Ion Ratio Lower Upper

166 100

165 96.6 80.6 121.0

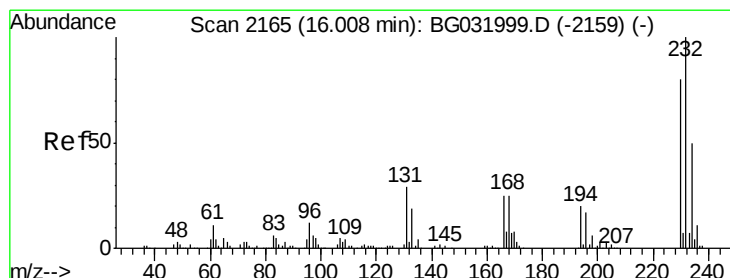
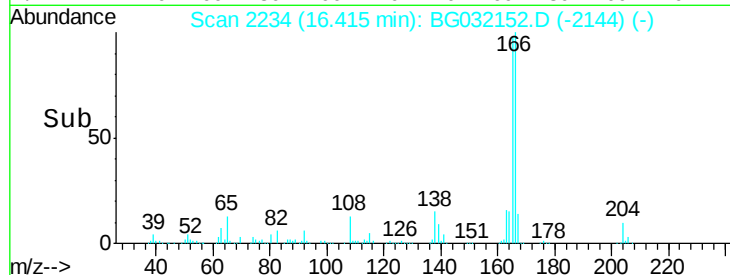
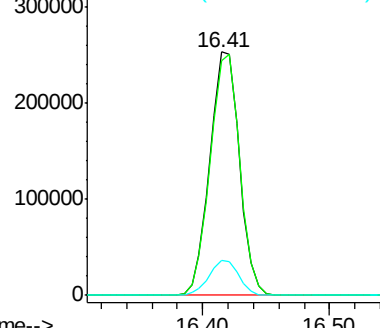
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.003 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Tgt Ion:232 Resp: 157864

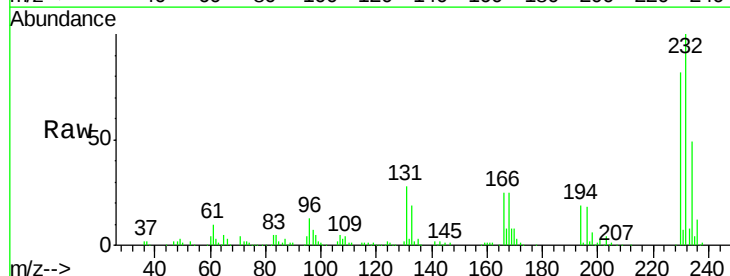
Ion Ratio Lower Upper

232 100

131 29.7 33.5 50.3#

130 2.0 2.2 3.2#

166 24.8 24.8 37.2#

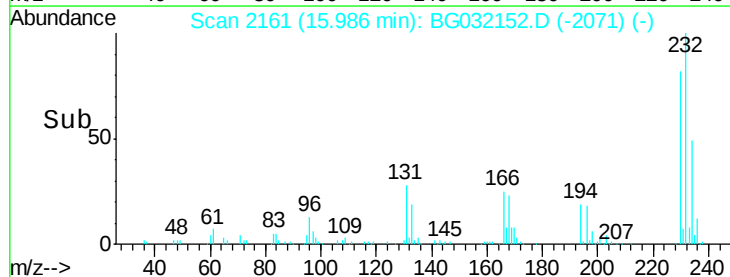
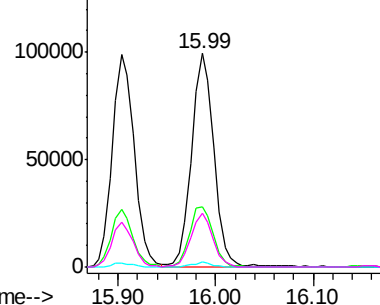


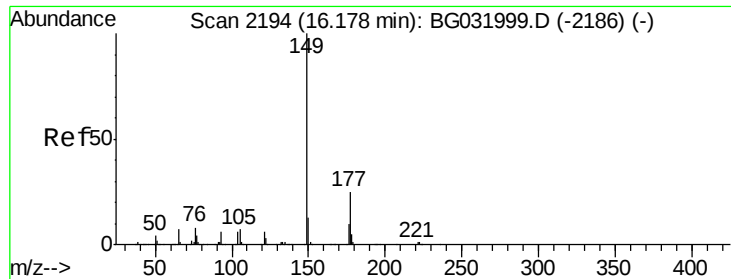
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

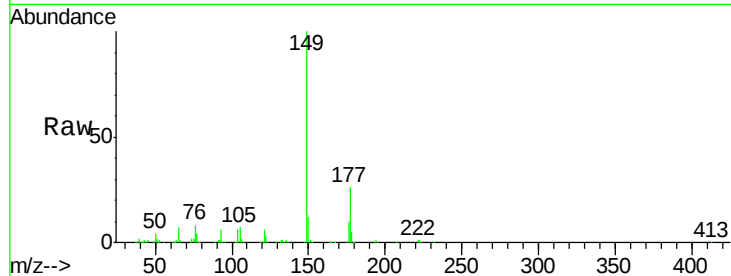




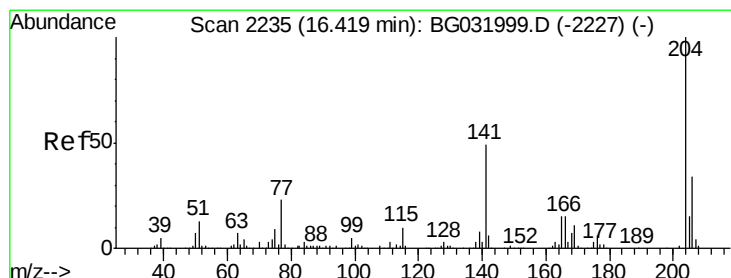
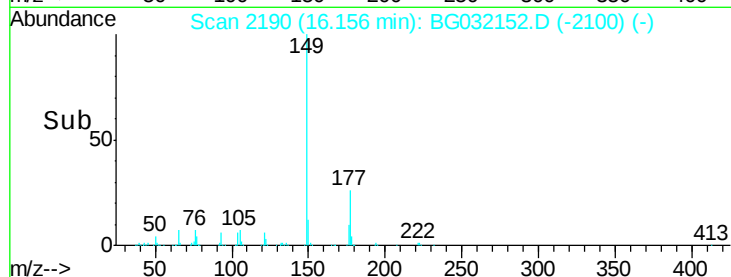
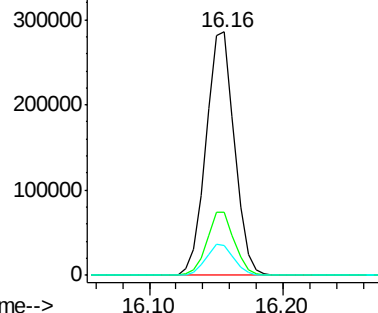
#59
Diethylphthalate
Concen: 40.420 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Instrument :
BNA_G
ClientSampleId :
PB105755BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.8	18.5	27.7
150	12.0	10.2	15.2

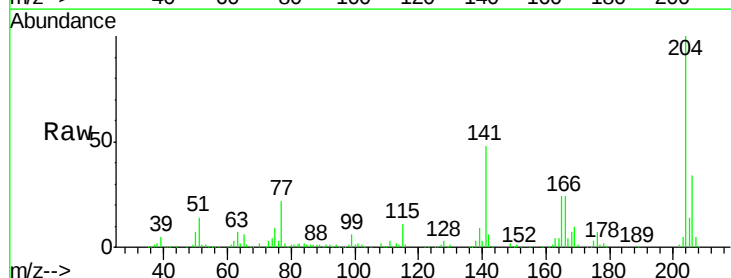


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

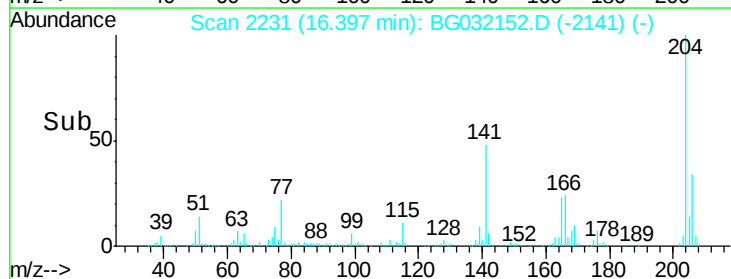
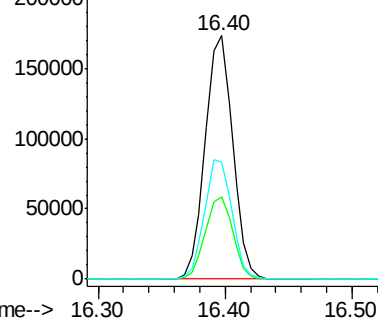


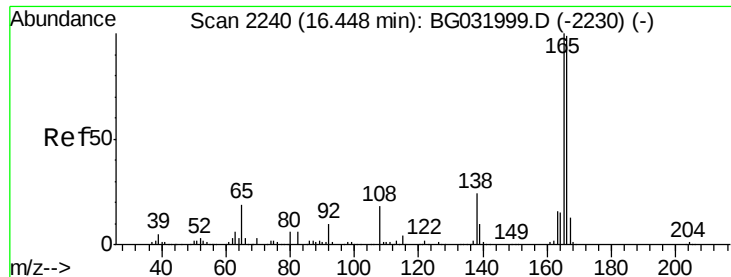
#60
4-Chlorophenyl-phenylether
Concen: 41.979 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	48.1	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

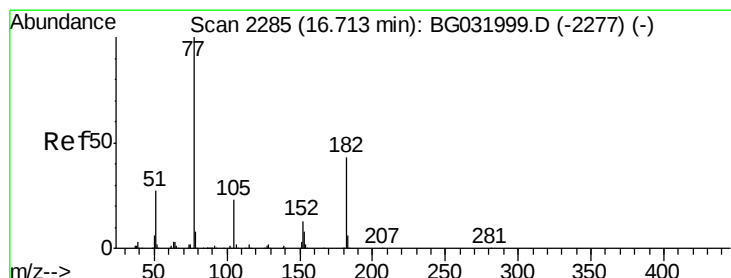
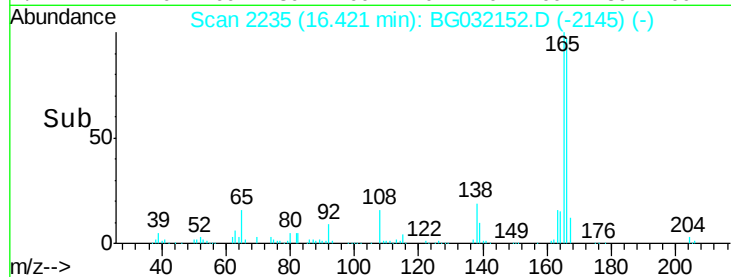
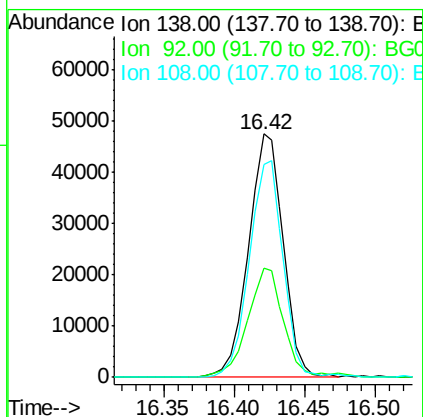
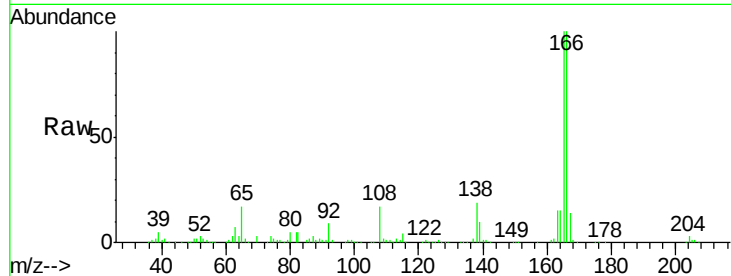




#61
4-Nitroaniline
Concen: 42.504 ng
RT: 16.42 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

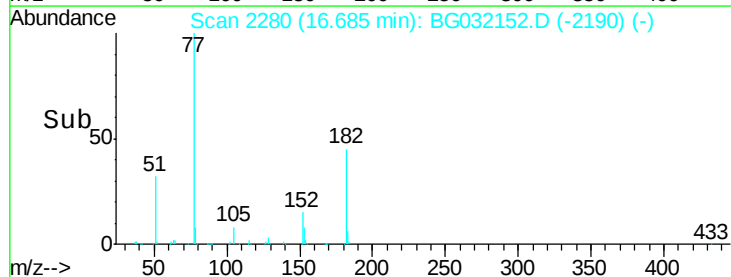
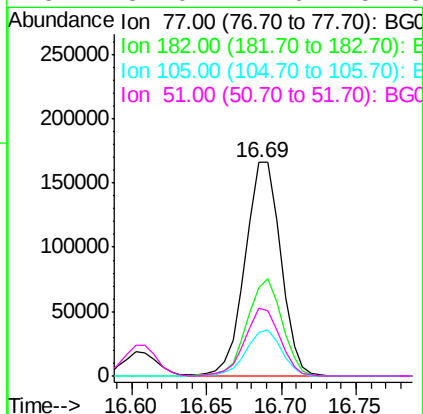
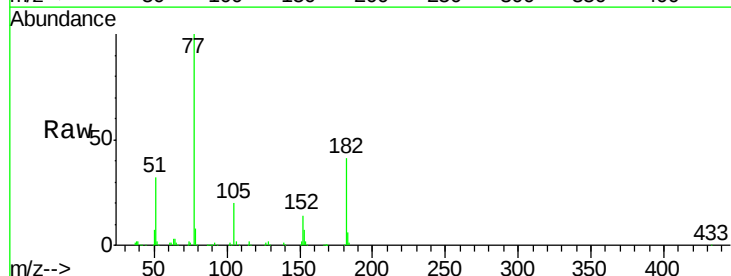
Instrument :
BNA_G
ClientSampleId :
PB105755BS

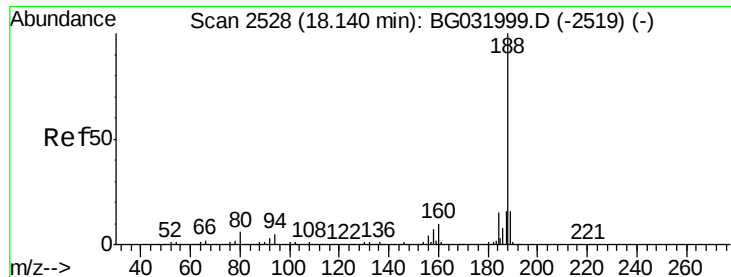
Tot Ion:138 Resp: 82164
Ion Ratio Lower Upper
138 100
92 44.8 40.1 80.1
108 87.6 65.4 105.4



#62
Azobenzene
Concen: 42.094 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion: 77 Resp: 274558
Ion Ratio Lower Upper
77 100
182 41.4 7.4 47.4
105 20.1 0.3 40.3
51 32.0 11.6 51.6

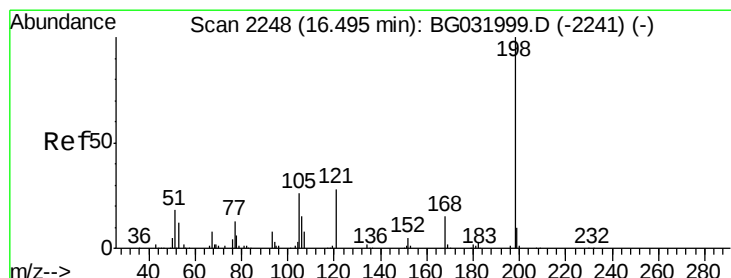
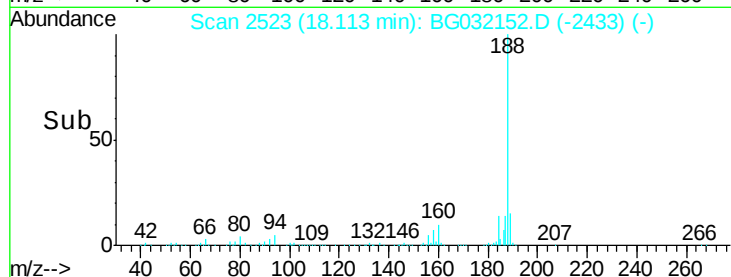
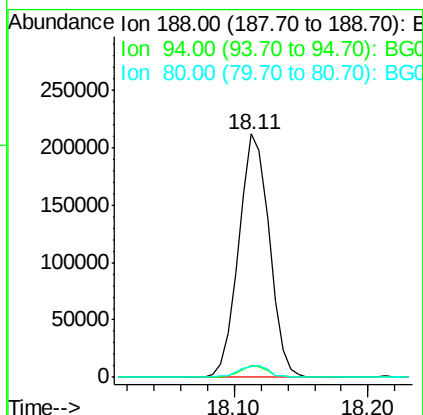
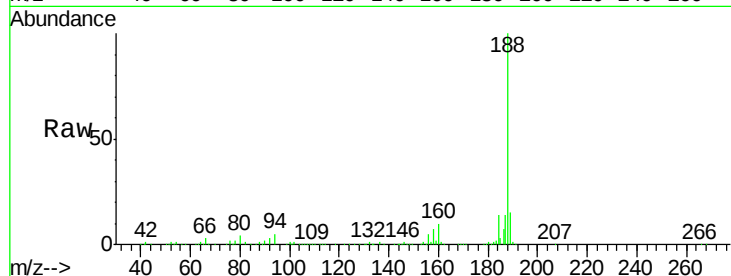




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

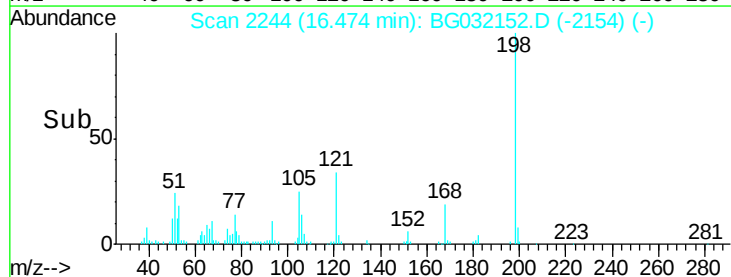
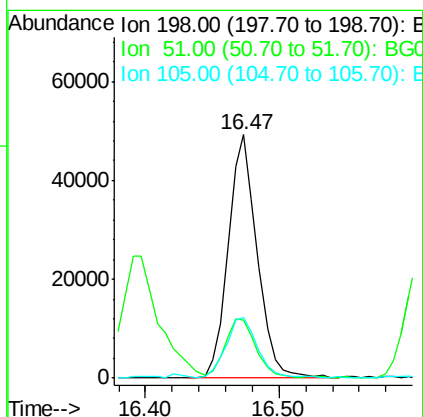
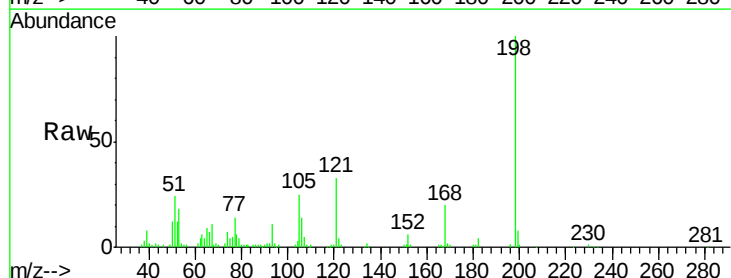
Instrument :
BNA_G
ClientSampleId :
PB105755BS

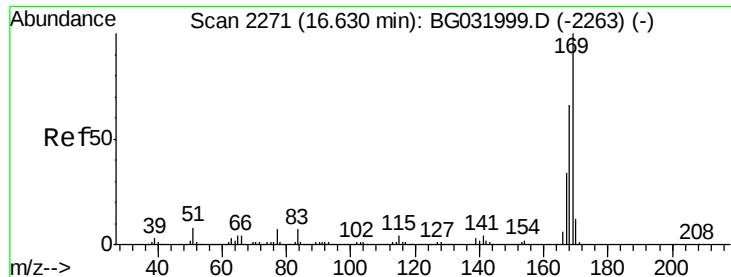
Tot Ion:188 Resp: 335672
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 4.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.077 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:198 Resp: 74611
Ion Ratio Lower Upper
198 100
51 24.1 30.6 70.6#
105 24.7 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.796 ng

RT: 16.61 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

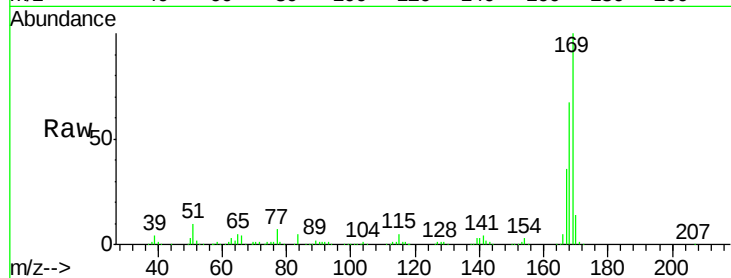
Tot Ion:169 Resp: 384983

Ion Ratio Lower Upper

169 100

168 66.8 55.7 83.5

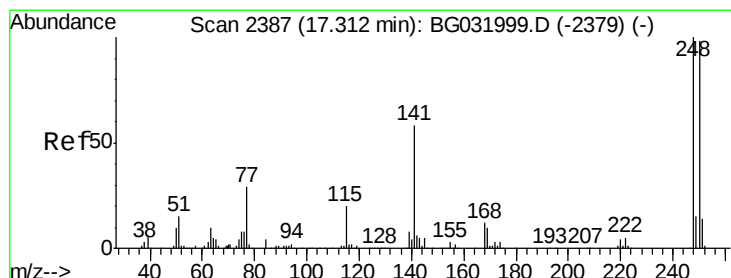
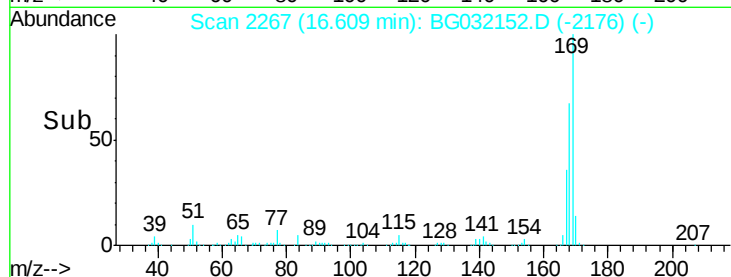
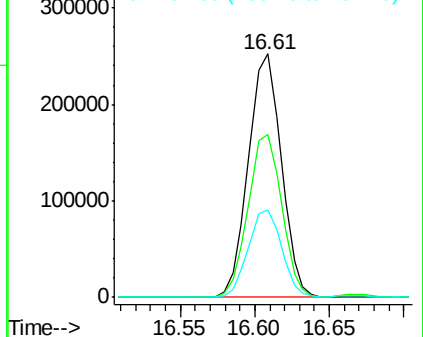
167 36.0 30.1 45.1



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: 39.503 ng

RT: 17.29 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

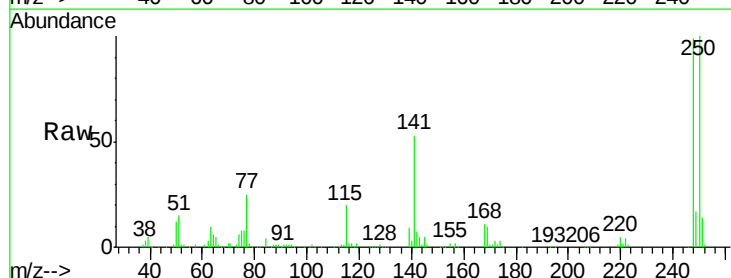
Tgt Ion:248 Resp: 188666

Ion Ratio Lower Upper

248 100

250 100.6 77.1 115.7

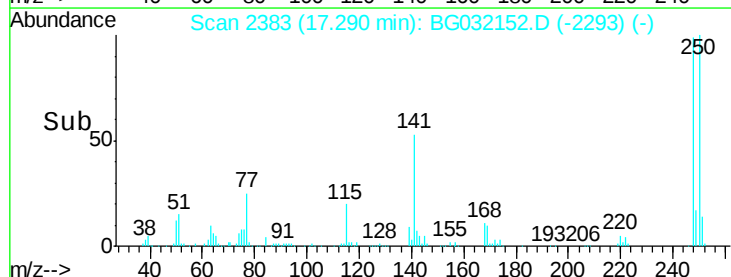
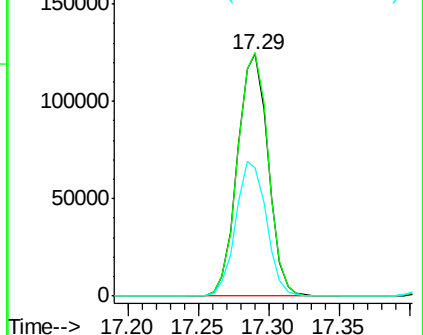
141 53.3 50.8 76.2

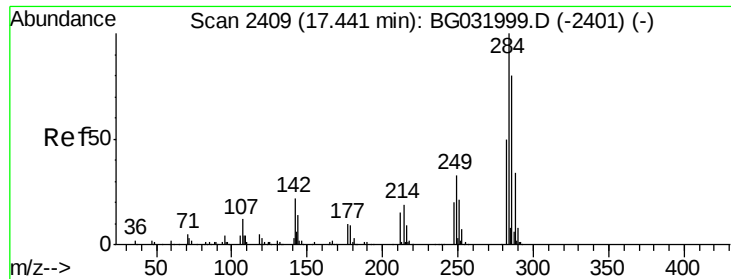


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

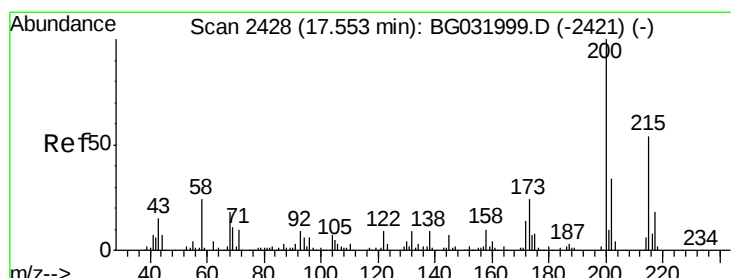
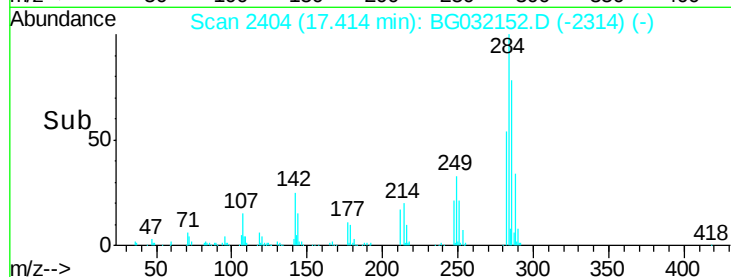
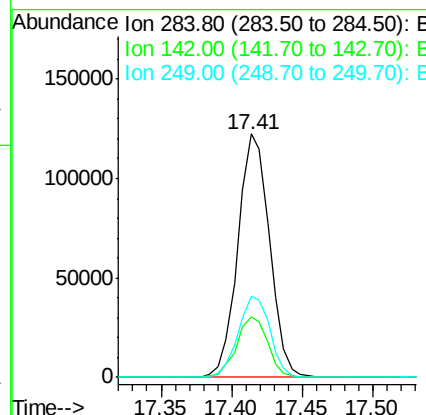
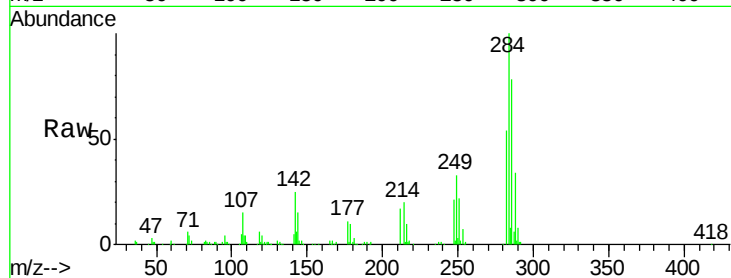




#67
Hexachlorobenzene
Concen: 36.204 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

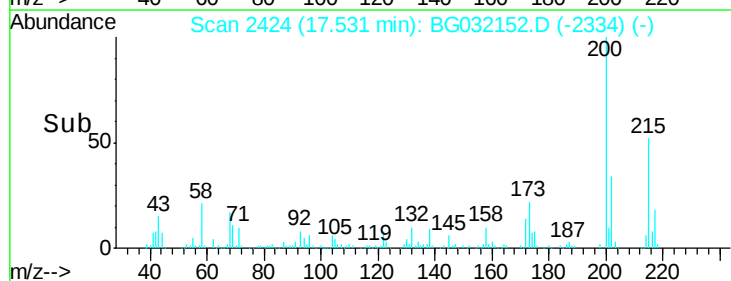
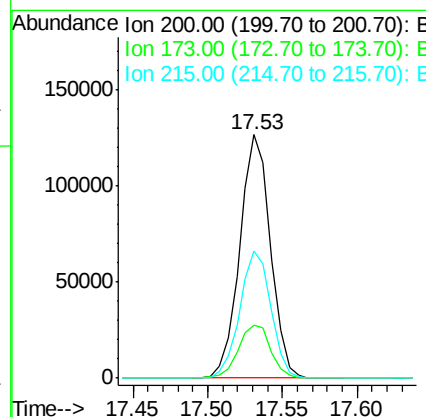
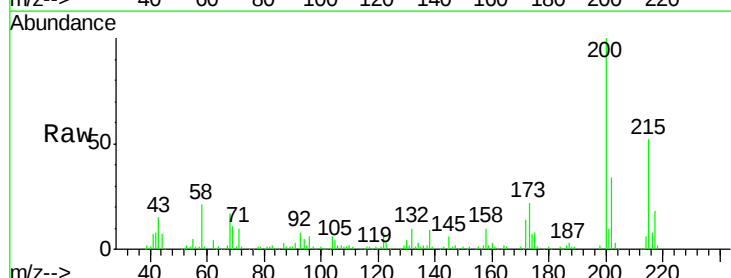
Instrument :
BNA_G
ClientSampleId :
PB105755BS

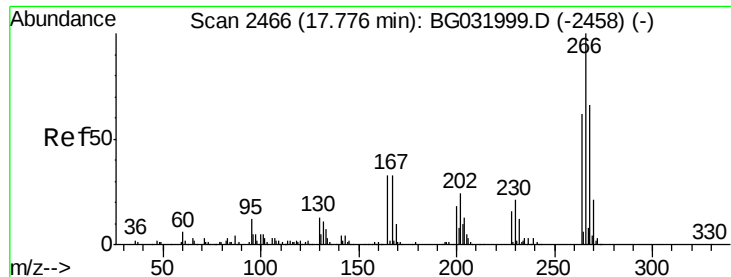
Tot Ion:284 Resp: 191297
Ion Ratio Lower Upper
284 100
142 24.8 26.8 40.2#
249 33.2 26.3 39.5



#68
Atrazine
Concen: 42.224 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:200 Resp: 180869
Ion Ratio Lower Upper
200 100
173 21.8 5.2 45.2
215 52.4 30.4 70.4

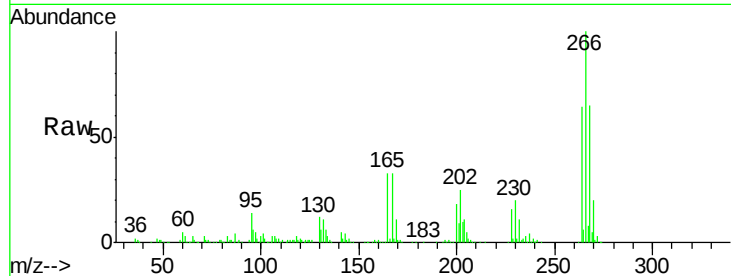




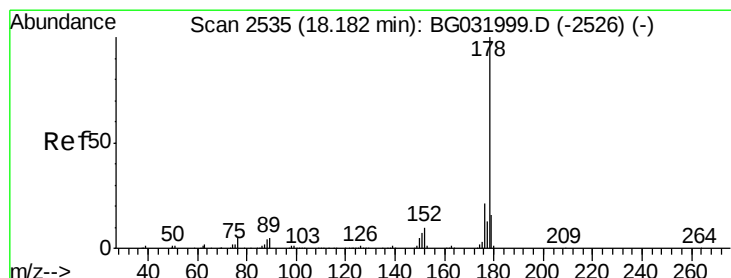
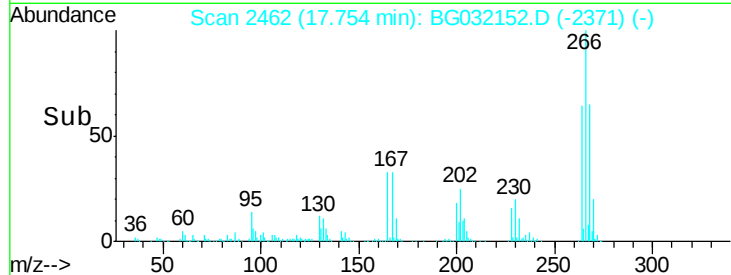
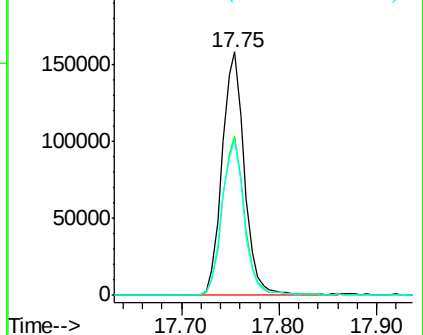
#69
 Pentachlorophenol
 Concen: 74.568 ng
 RT: 17.75 min Scan# 2462
 Delta R.T. 0.01 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

Tot Ion:266 Resp: 251845
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.1 76.7
 264 63.7 49.6 74.4

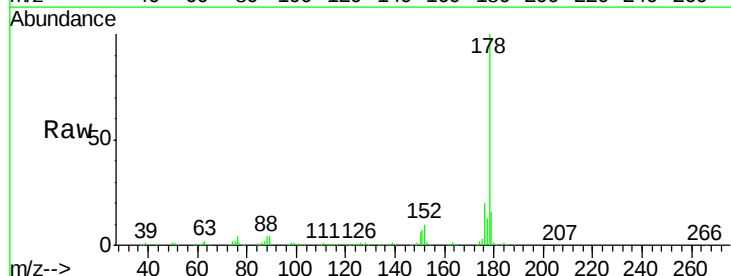


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

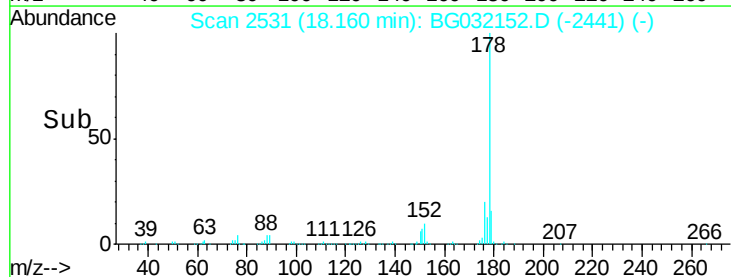
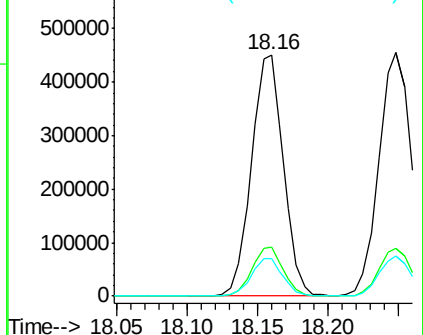


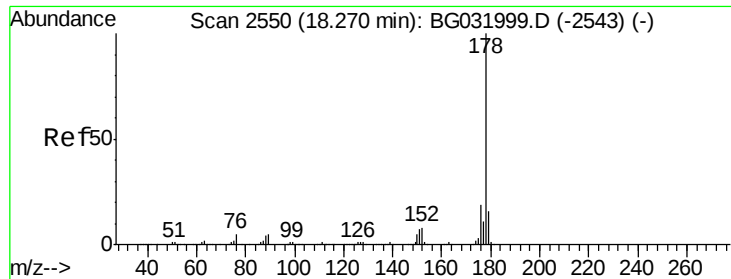
#70
 Phenanthrene
 Concen: 38.349 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion:178 Resp: 716711
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 15.7 12.5 18.7



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

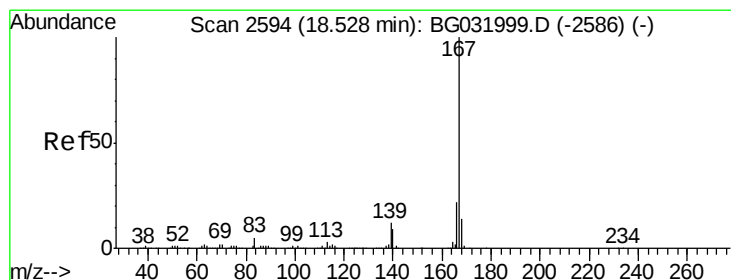
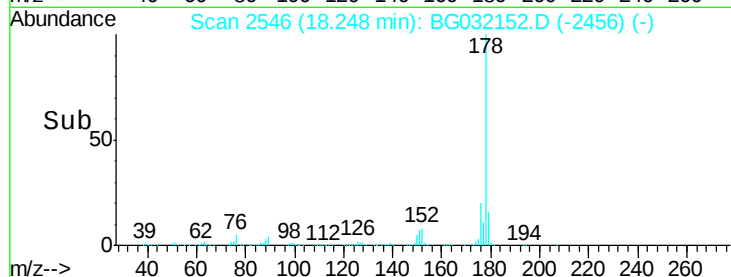
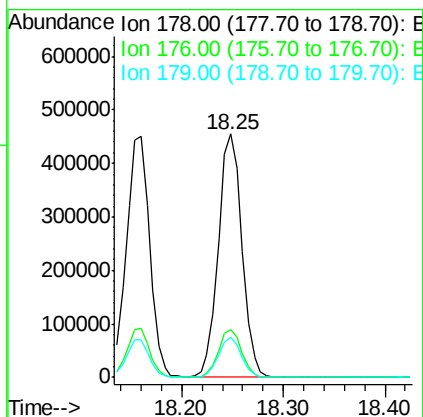
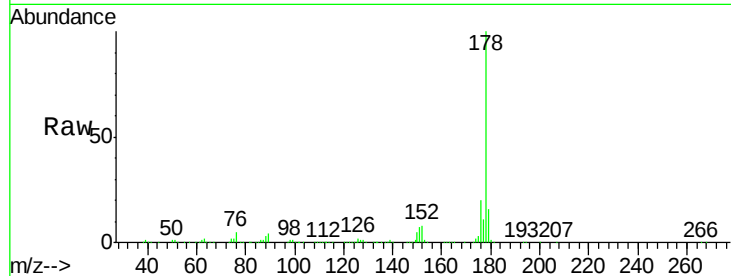




#71
 Anthracene
 Concen: 39.468 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

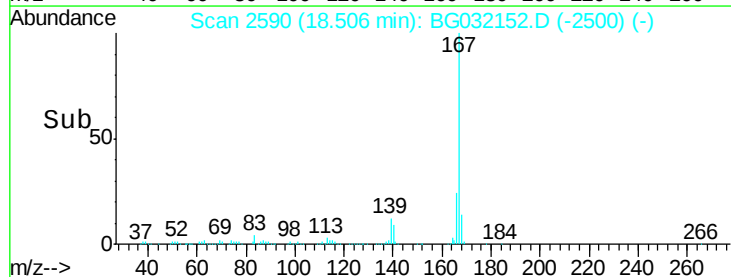
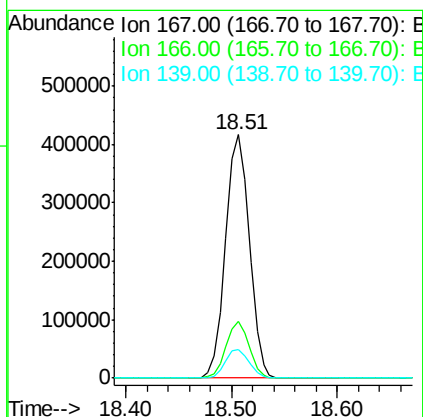
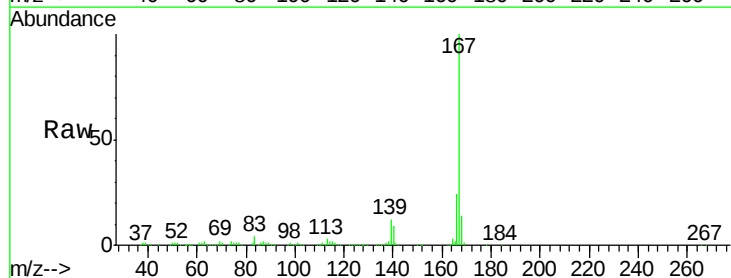
Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

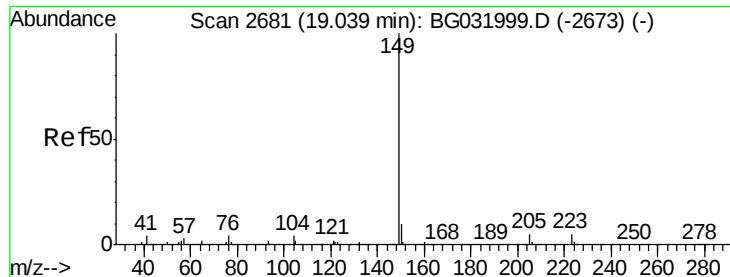
Tot Ion:178 Resp: 735687
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 40.260 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion:167 Resp: 651004
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 11.7 9.4 14.2

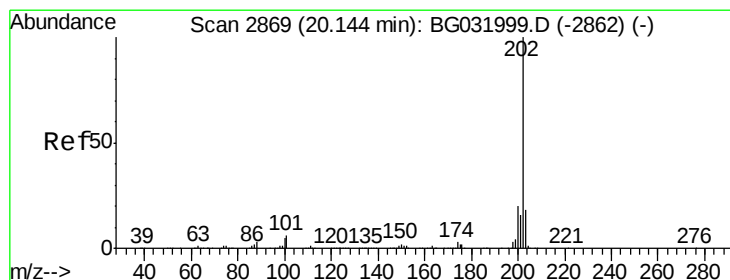
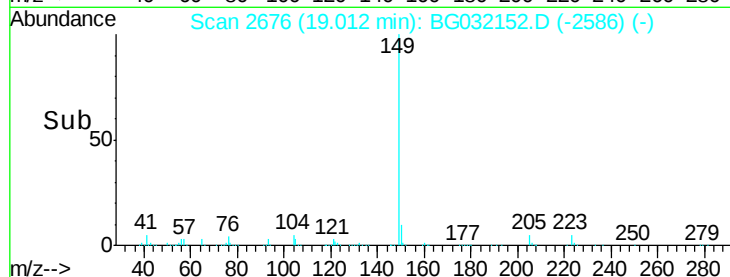
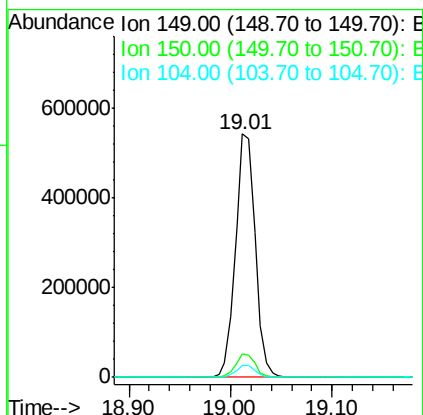
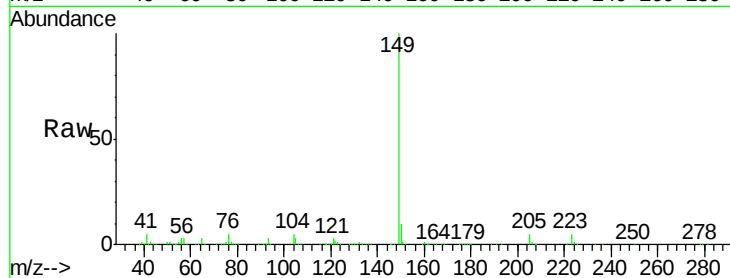




#73
Di-n-butylphthalate
Concen: 38.412 ng
RT: 19.01 min Scan# 2676
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

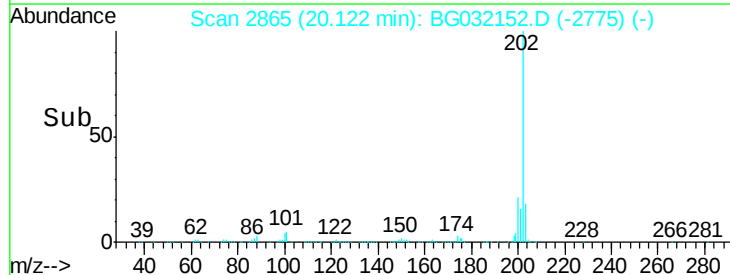
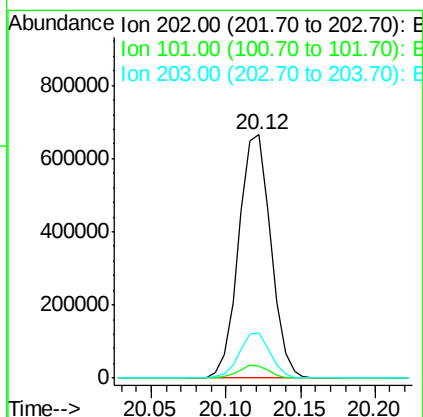
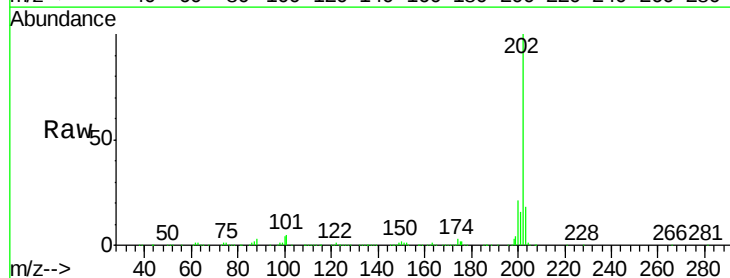
Instrument :
BNA_G
ClientSampleId :
PB105755BS

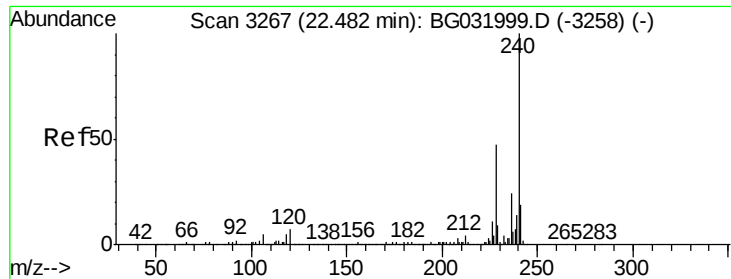
Tot Ion:149 Resp: 733952
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 42.364 ng
RT: 20.12 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:202 Resp: 991297
Ion Ratio Lower Upper
202 100
101 4.8 0.0 28.9
203 18.4 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3262

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

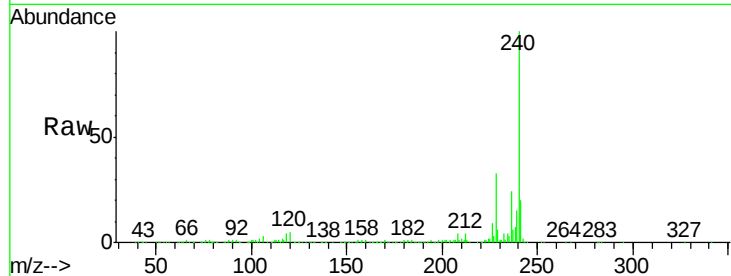
Tot Ion:240 Resp: 421705

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

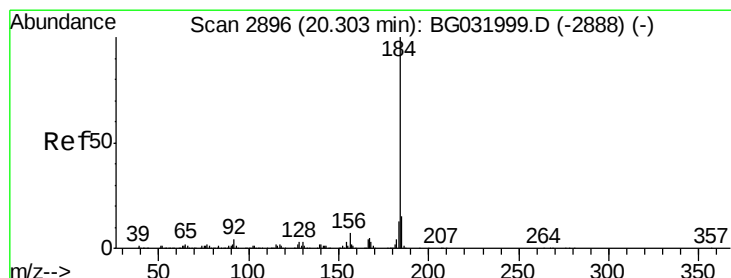
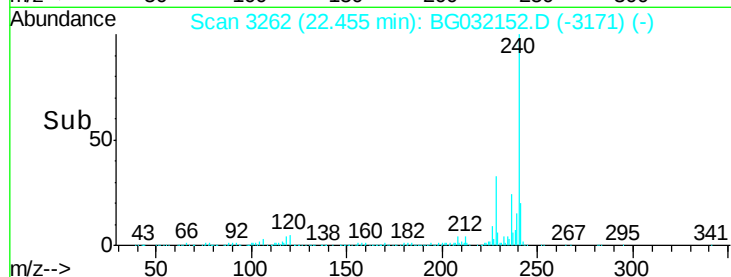
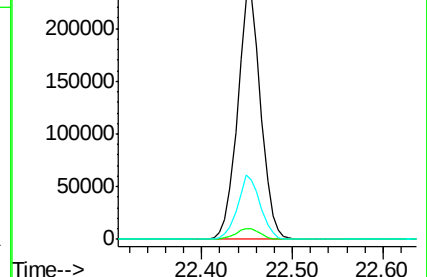
236 24.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.140 ng

RT: 20.27 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

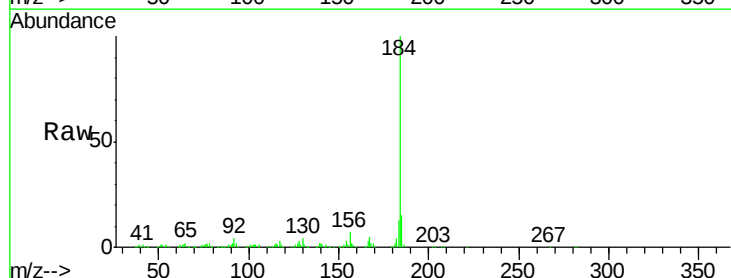
Tgt Ion:184 Resp: 296741

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

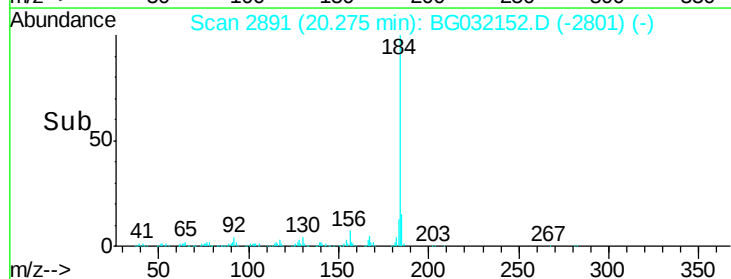
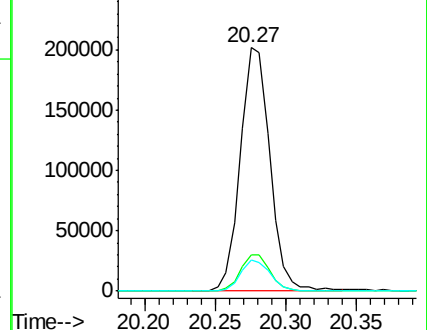
183 12.6 10.6 16.0

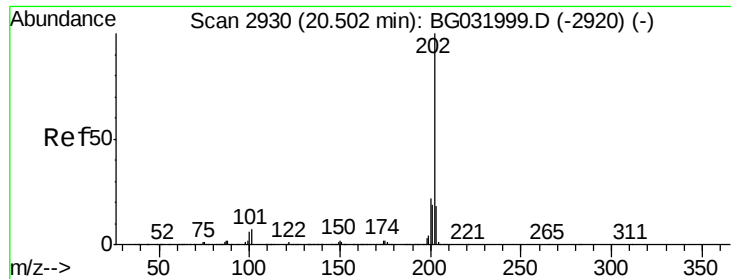


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.811 ng

RT: 20.47 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

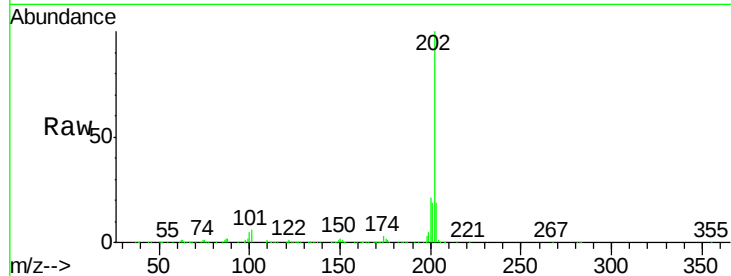
Tot Ion:202 Resp: 1002358

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

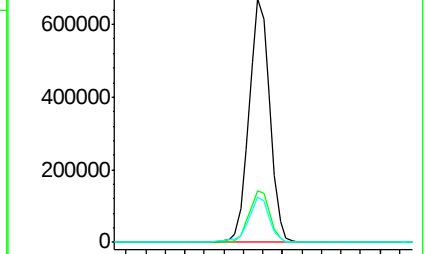
203 18.7 13.9 20.9



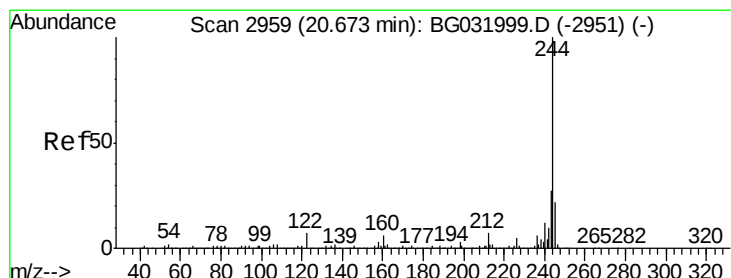
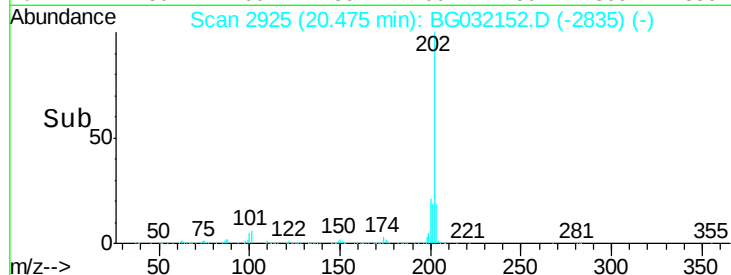
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 83.401 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

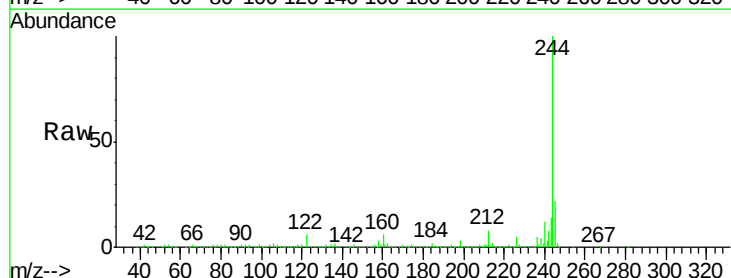
Tgt Ion:244 Resp: 1592845

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

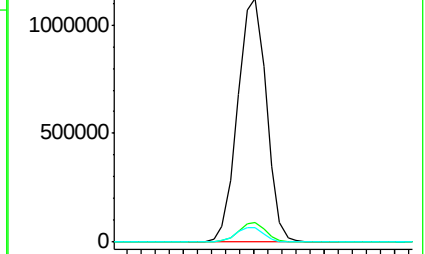
122 5.9 7.0 10.4#



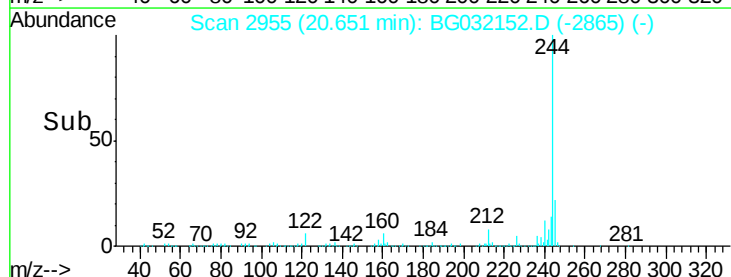
Abundance Ion 244.00 (243.70 to 244.70): E

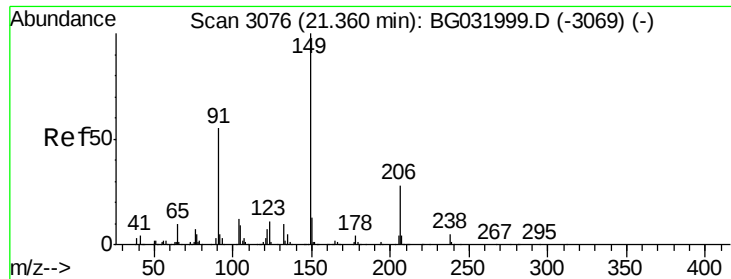
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 35.839 ng

RT: 21.34 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

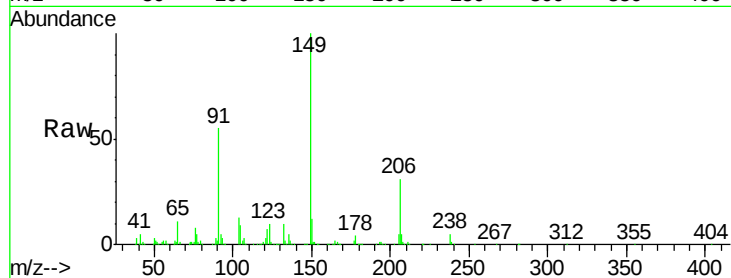
Tot Ion:149 Resp: 340404

Ion Ratio Lower Upper

149 100

91 54.6 62.2 93.2#

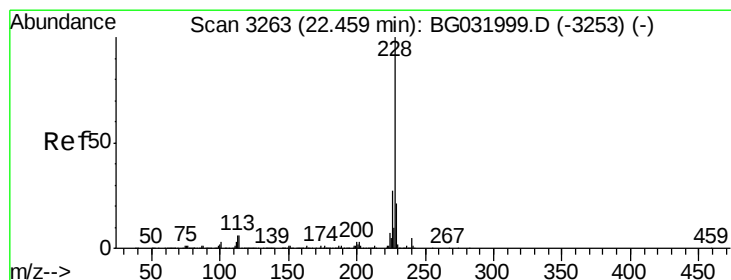
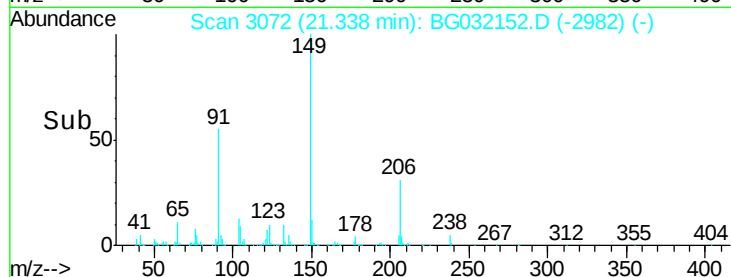
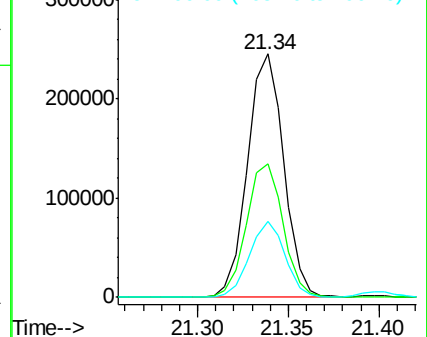
206 31.3 18.6 27.8#



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: 39.811 ng

RT: 22.43 min Scan# 3258

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

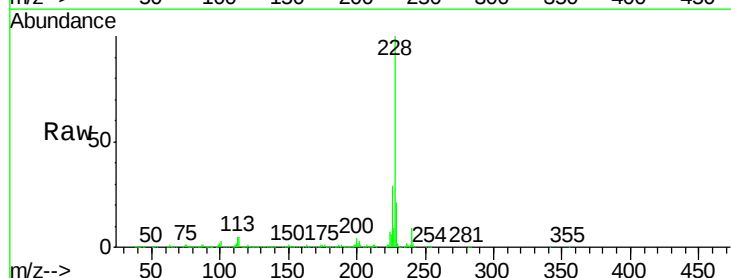
Tgt Ion:228 Resp: 1044087

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

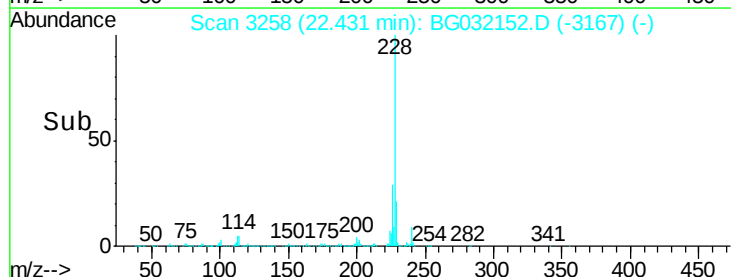
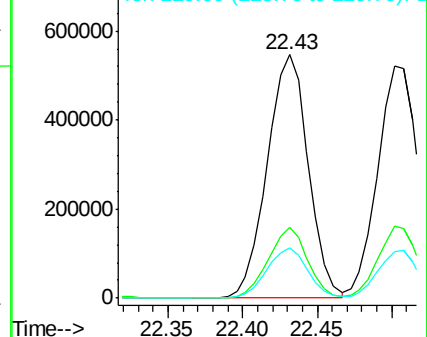
229 20.7 16.2 24.2

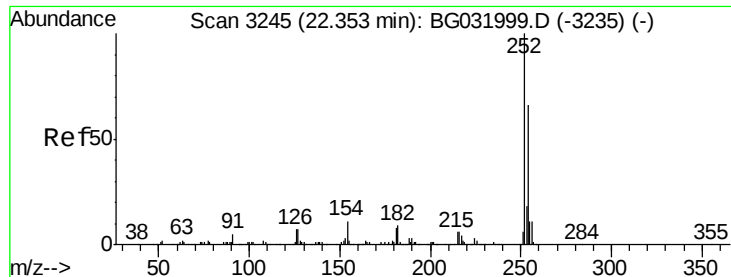


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

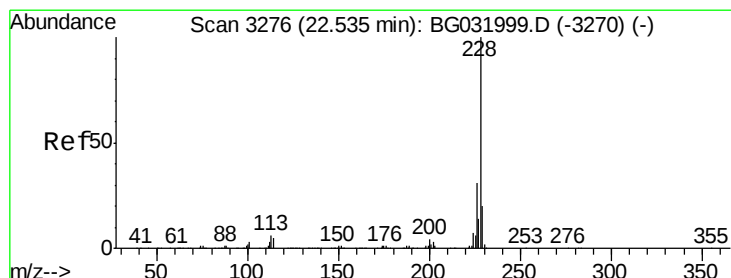
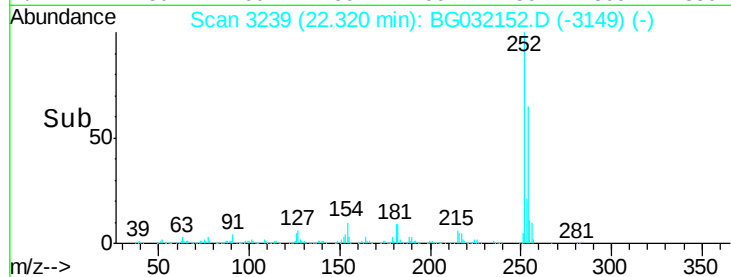
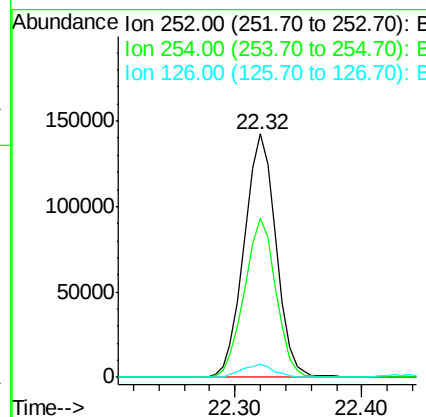
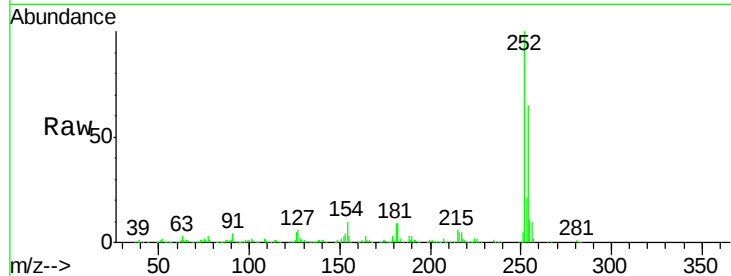




#81
 3,3'-Dichlorobenzidine
 Concen: 25.444 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

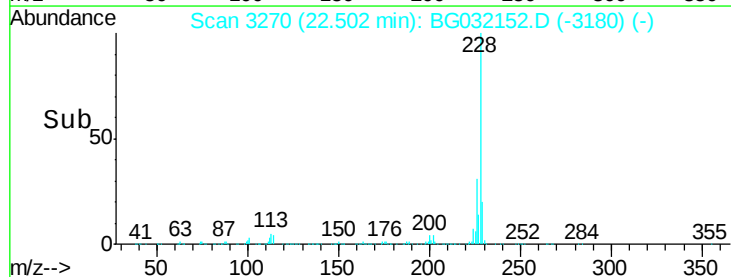
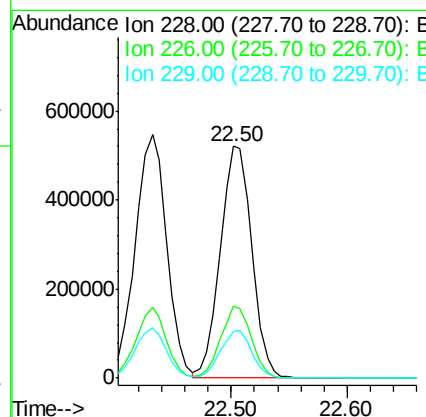
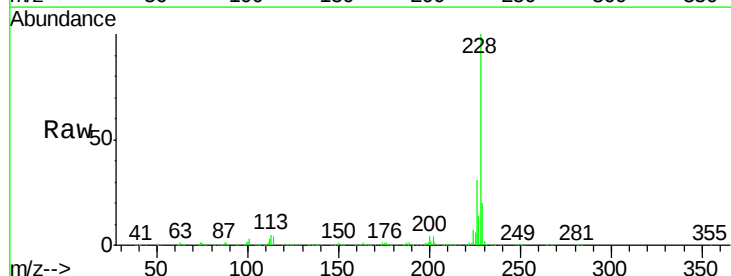
Instrument :
 BNA_G
 ClientSampleId :
 PB105755BS

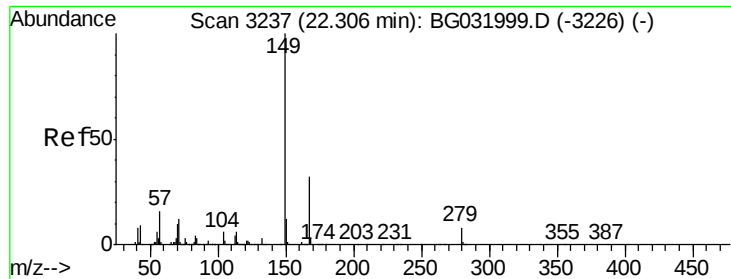
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.8	76.2
126	5.2	7.4	11.2#



#82
 Chrysene
 Concen: 38.936 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: BG032152.D
 Acq: 19 Jan 2018 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.2	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.666 ng

RT: 22.27 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

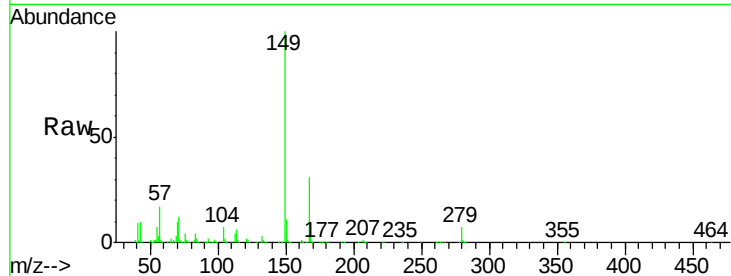
Tot Ion:149 Resp: 482837

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

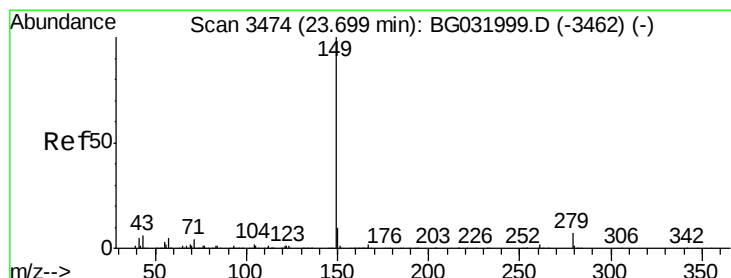
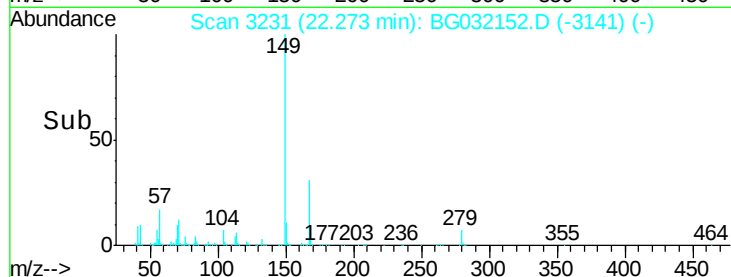
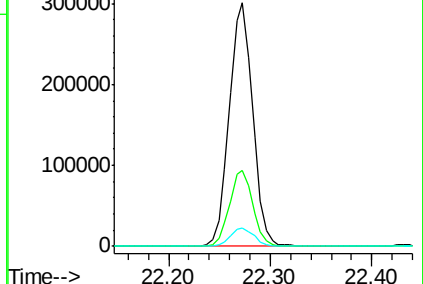
279 7.3 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.882 ng

RT: 23.65 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

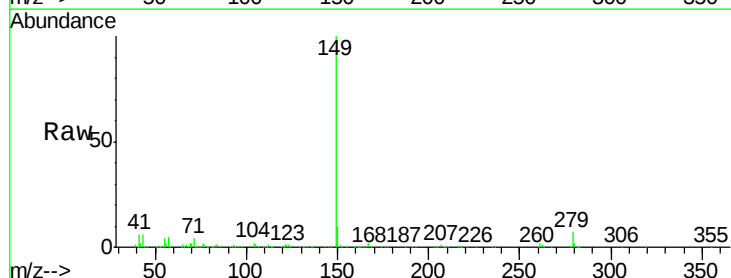
Tgt Ion:149 Resp: 815877

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

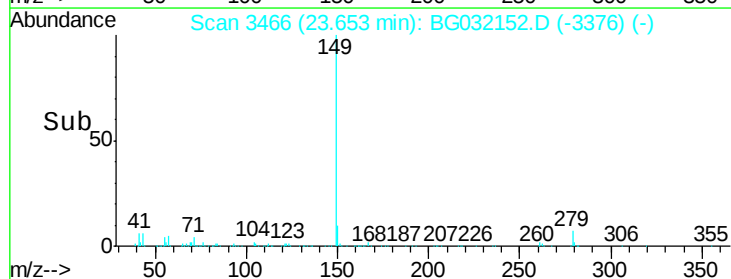
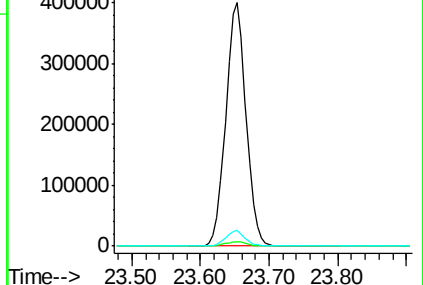
43 6.2 8.9 13.3#

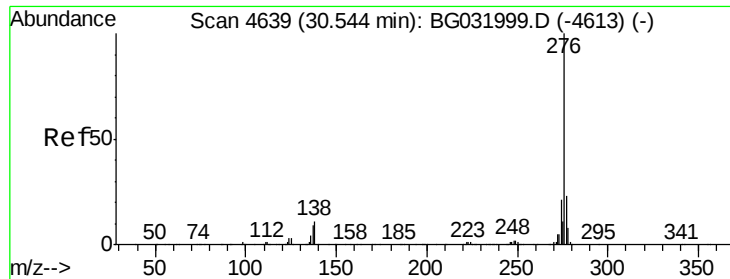


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

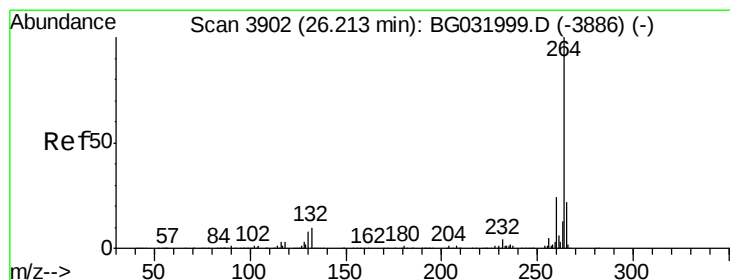
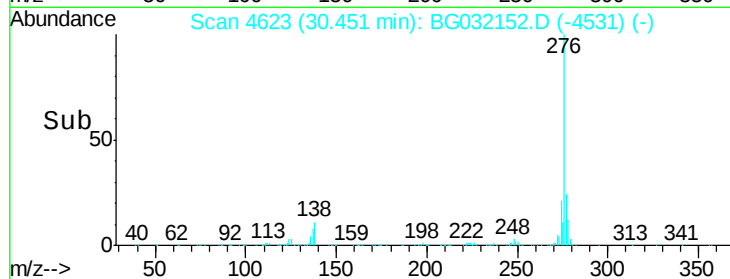
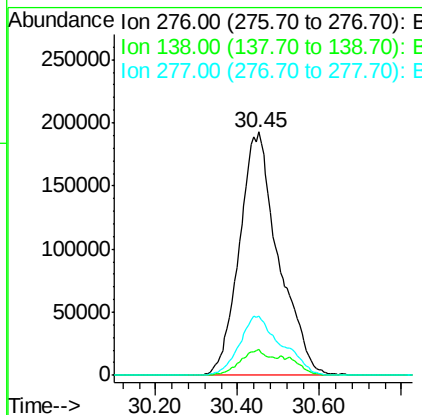
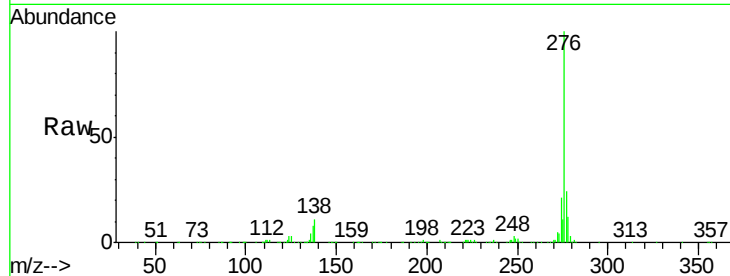




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.347 ng
RT: 30.45 min Scan# 4623
Delta R.T. 0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

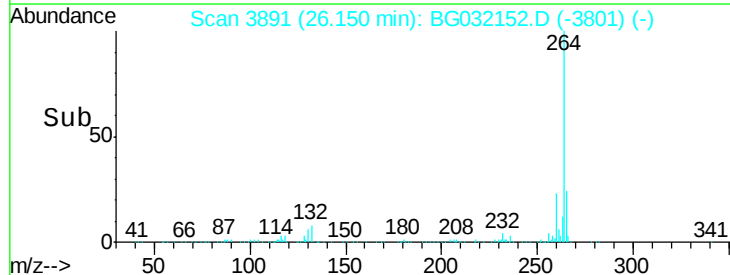
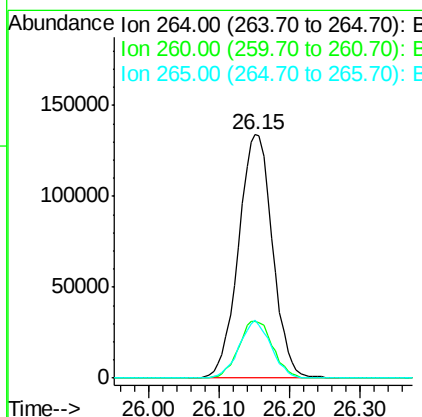
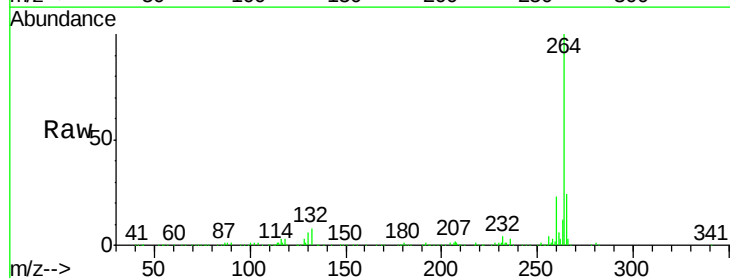
Instrument :
BNA_G
ClientSampleId :
PB105755BS

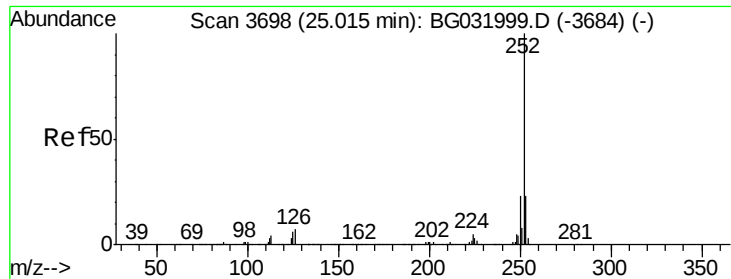
Tot Ion:276 Resp: 1274461
Ion Ratio Lower Upper
276 100
138 8.2 16.0 24.0#
277 26.2 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3891
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:264 Resp: 448739
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 23.8 17.7 26.5

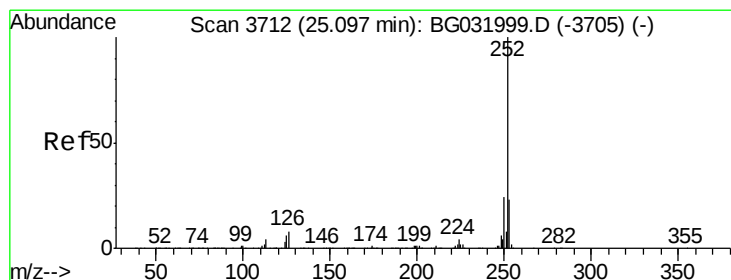
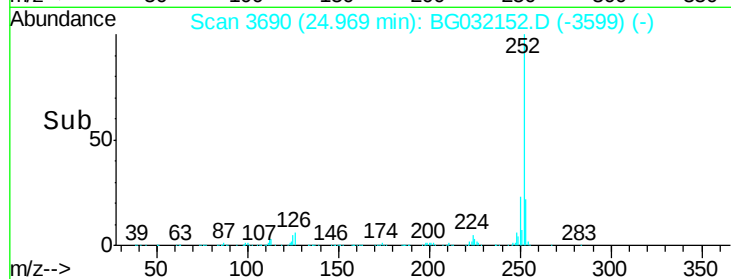
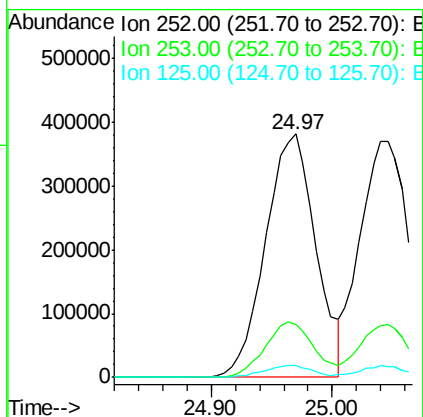
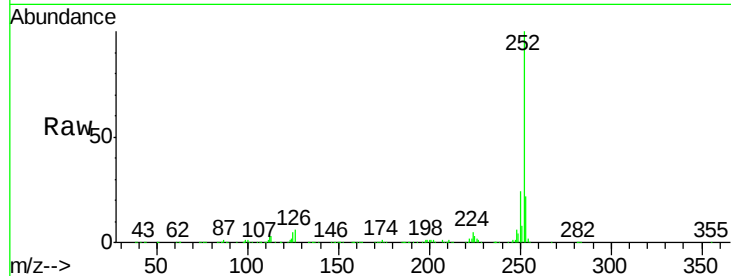




#87
Benzo(b)fluoranthene
Concen: 40.581 ng
RT: 24.97 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

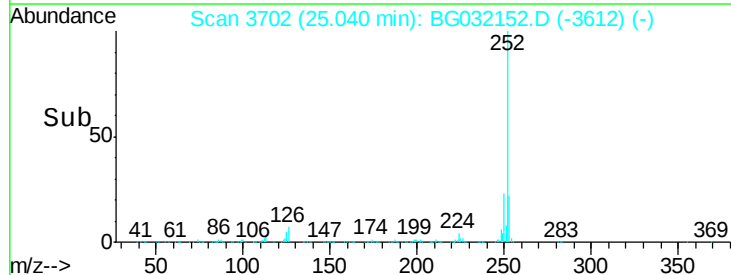
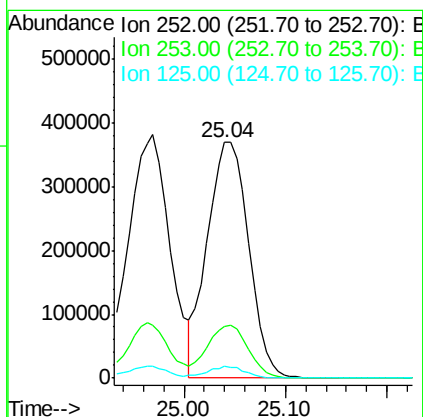
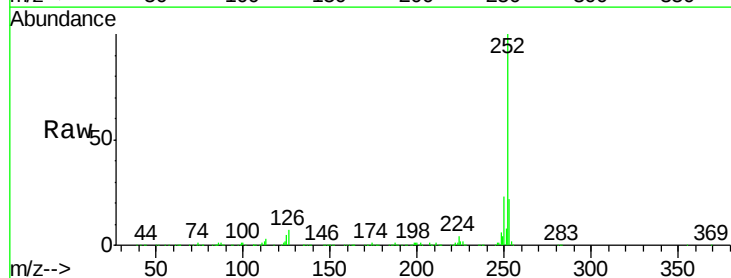
Instrument :
BNA_G
ClientSampleId :
PB105755BS

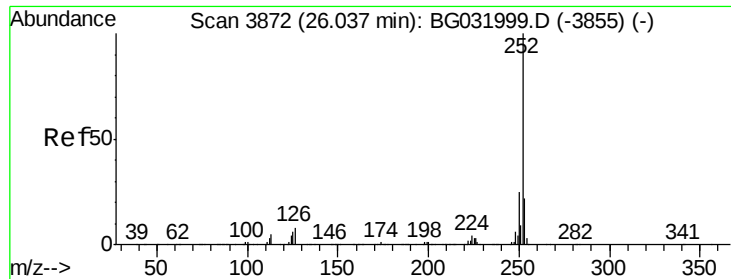
Tot Ion:252 Resp: 1100714
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 4.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 39.464 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BG032152.D
Acq: 19 Jan 2018 15:20

Tgt Ion:252 Resp: 1045962
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 5.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.445 ng

RT: 25.98 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

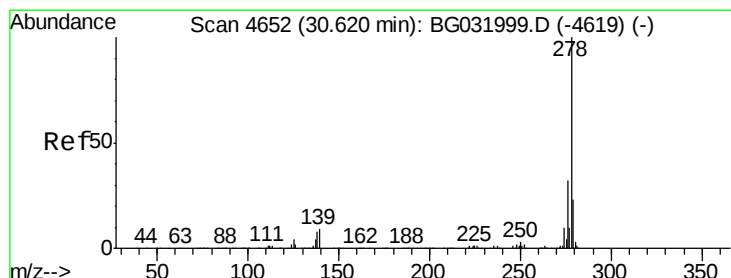
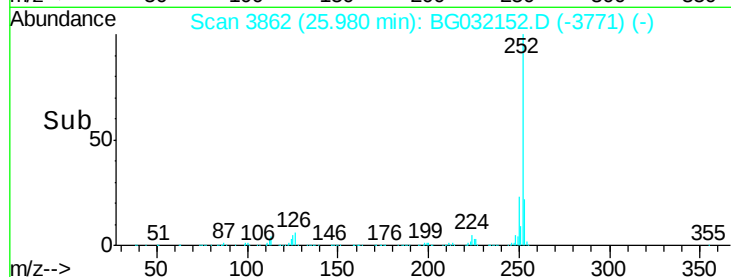
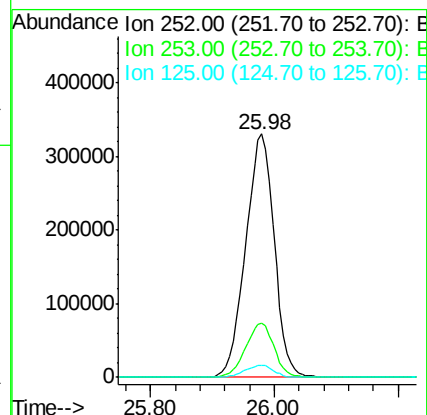
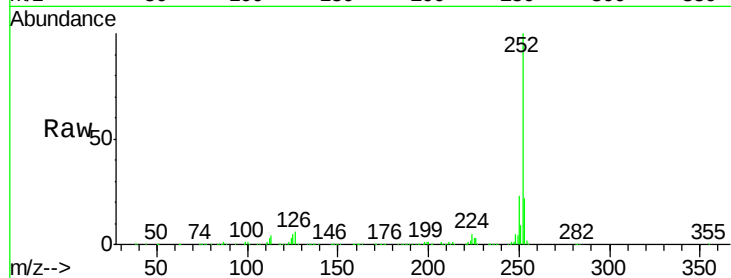
Tot Ion:252 Resp: 1063406

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 4.8 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 42.758 ng

RT: 30.53 min Scan# 4636

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

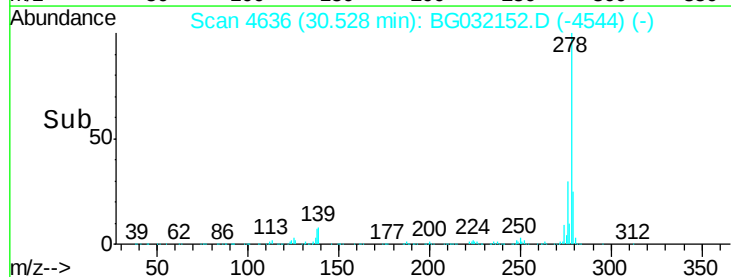
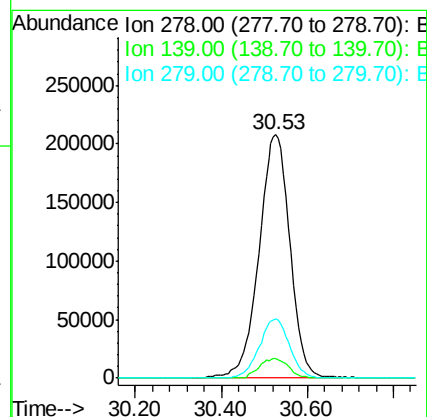
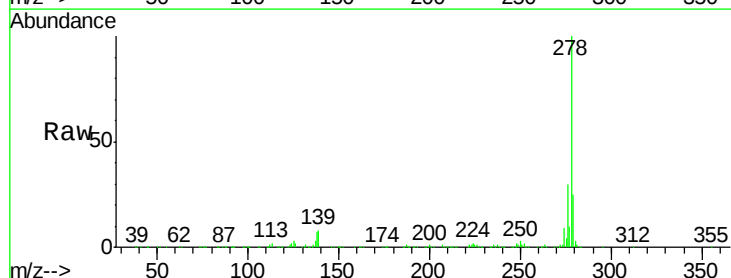
Tgt Ion:278 Resp: 1057193

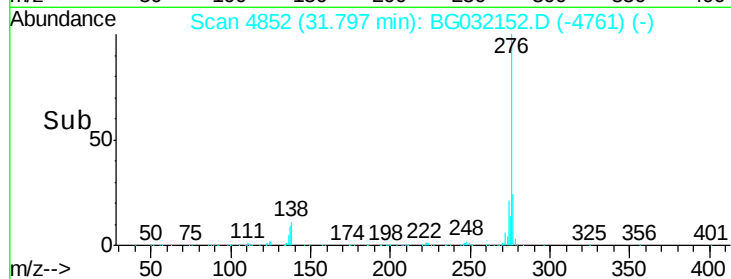
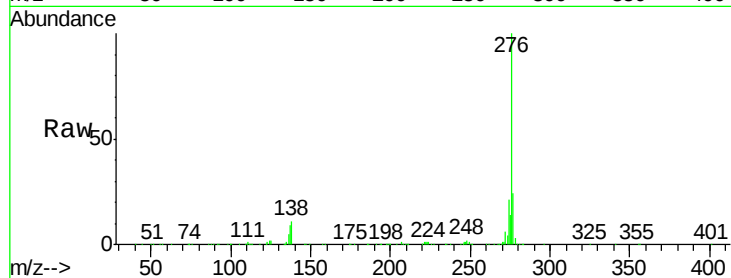
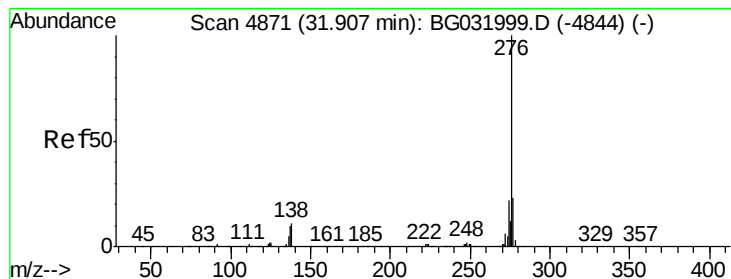
Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

279 24.5 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 41.820 ng

RT: 31.80 min Scan# 4852

Delta R.T. 0.01 min

Lab File: BG032152.D

Acq: 19 Jan 2018 15:20

Instrument :

BNA_G

ClientSampleId :

PB105755BS

Tot Ion:276 Resp: 1056859

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 11.2 13.9 20.9#

