

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031638.D
 Acq On : 18 Dec 2017 17:42
 Operator : SJ/JU
 Sample : PB105123BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

Quant Time: Dec 19 07:42:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	66863	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	290395	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	193345	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	498231	20.00	ng	0.00
75) Chrysene-d12	21.73	240	551034	20.00	ng	-0.02
86) Perylene-d12	25.01	264	507932	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	550402	145.91	ng	0.00
7) Phenol-d6	7.27	99	692977	132.33	ng	0.00
23) Nitrobenzene-d5	9.27	82	407052	86.40	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	347559	153.44	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1200622	91.15	ng	0.00
78) Terphenyl-d14	20.06	244	2133544	88.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	57734	32.077	ng	# 82
3) Pyridine	3.90	79	163990	34.605	ng	# 87
4) n-Nitrosodimethylamine	3.82	42	81217	36.386	ng	# 89
6) Aniline	7.42	93	202857	29.415	ng	# 92
8) 2-Chlorophenol	7.66	128	210515	50.031	ng	# 87
9) Benzaldehyde	7.23	77	100660	33.162	ng	# 86
10) Phenol	7.30	94	258096	47.977	ng	# 94
11) bis(2-Chloroethyl)ether	7.51	93	176722	40.249	ng	# 92
12) 1,3-Dichlorobenzene	7.98	146	222086m	44.384	ng	# 93
13) 1,4-Dichlorobenzene	8.13	146	229296	44.092	ng	# 97
14) 1,2-Dichlorobenzene	8.45	146	217499	43.905	ng	# 94
15) Benzyl Alcohol	8.34	79	174401	42.574	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.62	45	258836	52.474	ng	# 93
17) 2-Methylphenol	8.55	107	177233	48.332	ng	# 92
18) Hexachloroethane	9.18	117	76829	43.828	ng	# 94
19) n-Nitroso-di-n-propylamine	8.90	70	144002	34.937	ng	# 98
20) 3+4-Methylphenols	8.88	107	243961	44.659	ng	# 93
22) Acetophenone	8.92	105	306323	43.970	ng	# 88
24) Nitrobenzene	9.31	77	218649	45.289	ng	# 92
25) Isophorone	9.83	82	403445	45.311	ng	# 89
26) 2-Nitrophenol	10.02	139	124493	52.149	ng	# 90
27) 2,4-Dimethylphenol	10.08	122	205062	56.545	ng	# 95
28) bis(2-Chloroethoxy)methane	10.31	93	259508	45.145	ng	# 92
29) 2,4-Dichlorophenol	10.57	162	239395	56.030	ng	# 99
30) 1,2,4-Trichlorobenzene	10.78	180	259039	47.463	ng	# 99
31) Naphthalene	10.96	128	623087	43.675	ng	# 76
32) Benzoic acid	10.27	122	49158	29.130	ng	# 94
33) 4-Chloroaniline	11.08	127	112032	18.086	ng	# 96
34) Hexachlorobutadiene	11.23	225	170307	47.044	ng	# 84
35) Caprolactam	11.85	113	80148m	47.772	ng	# 94
36) 4-Chloro-3-methylphenol	12.20	107	226918	46.527	ng	# 96
37) 2-Methylnaphthalene	12.56	142	497648	45.053	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	344741	45.622	ng	# 93
40) Hexachlorocyclopentadiene	12.90	237	218389	82.639	ng	# 93

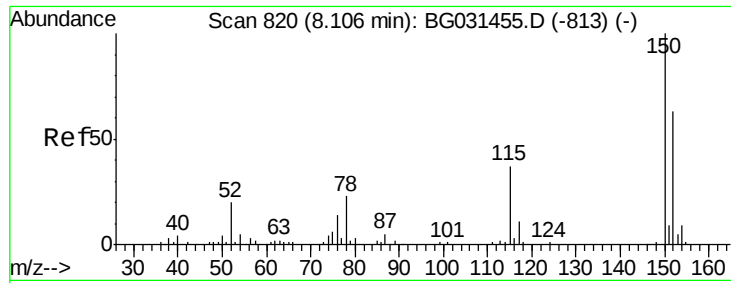
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	201979	52.317	ng	95
43) 2,4,5-Trichlorophenol	13.25	196	222741	53.560	ng #	92
45) 1,1'-Biphenyl	13.55	154	701853	44.197	ng	97
46) 2-Chloronaphthalene	13.61	162	553119	47.589	ng	94
47) 2-Nitroaniline	13.81	65	145693	44.608	ng #	80
48) Acenaphthylene	14.45	152	820490	43.871	ng	97
49) Dimethylphthalate	14.17	163	723427	45.195	ng	99
50) 2,6-Dinitrotoluene	14.30	165	166491	48.661	ng #	74
51) Acenaphthene	14.79	154	515735	43.612	ng	98
52) 3-Nitroaniline	14.64	138	104707	30.022	ng #	79
53) 2,4-Dinitrophenol	14.86	184	99412	70.800	ng #	46
54) Dibenzofuran	15.12	168	851993	45.149	ng	99
55) 4-Nitrophenol	14.96	139	214658	90.595	ng #	79
56) 2,4-Dinitrotoluene	15.09	165	240510	49.492	ng #	71
57) Fluorene	15.77	166	677171	44.786	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	210075	53.741	ng #	88
59) Diethylphthalate	15.52	149	714248	44.516	ng	97
60) 4-Chlorophenyl-phenylether	15.75	204	421201	45.531	ng	91
61) 4-Nitroaniline	15.80	138	170950	46.707	ng	90
62) Azobenzene	16.05	77	556953	41.904	ng	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	110031	37.664	ng #	76
65) n-Nitrosodiphenylamine	15.97	169	638296	43.769	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	280854	48.477	ng	96
67) Hexachlorobenzene	16.77	284	292007	48.810	ng	94
68) Atrazine	16.91	200	282608	52.999	ng	96
69) Pentachlorophenol	17.13	266	194777	68.599	ng	96
70) Phenanthrene	17.51	178	1170268	44.975	ng	98
71) Anthracene	17.60	178	1207202	46.909	ng	99
72) Carbazole	17.87	167	1107780	47.567	ng	99
73) Di-n-butylphthalate	18.40	149	1231118	45.776	ng	99
74) Fluoranthene	19.51	202	1539126	47.264	ng	97
76) Benzidine	19.68	184	674278	52.581	ng	97
77) Pyrene	19.87	202	1566198	45.743	ng	96
79) Butylbenzylphthalate	20.73	149	593714	49.429	ng #	81
80) Benzo(a)anthracene	21.72	228	1549153	46.577	ng	97
81) 3,3'-Dichlorobenzidine	21.62	252	370153	31.977	ng	97
82) Chrysene	21.79	228	1475819	46.286	ng	97
83) Bis(2-ethylhexyl)phthalate	21.59	149	809860	46.865	ng	100
84) Di-n-octyl phthalate	22.81	149	1316781	46.194	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1510477	44.327	ng	97
87) Benzo(b)fluoranthene	23.97	252	1474171	48.545	ng #	98
88) Benzo(k)fluoranthene	24.04	252	1388710	44.812	ng	97
89) Benzo(a)pyrene	24.86	252	1389333	48.229	ng	98
90) Dibenzo(a,h)anthracene	28.82	278	1254036	45.523	ng	97
91) Benzo(g,h,i)perylene	29.96	276	1248041	46.083	ng	96

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

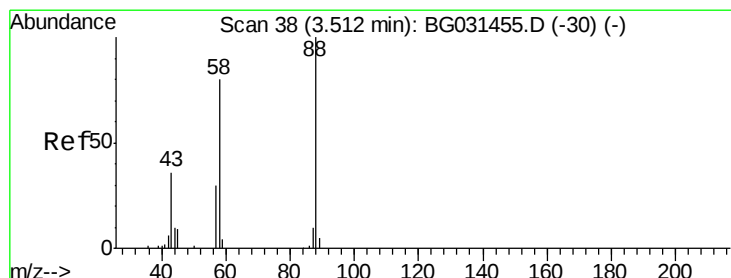
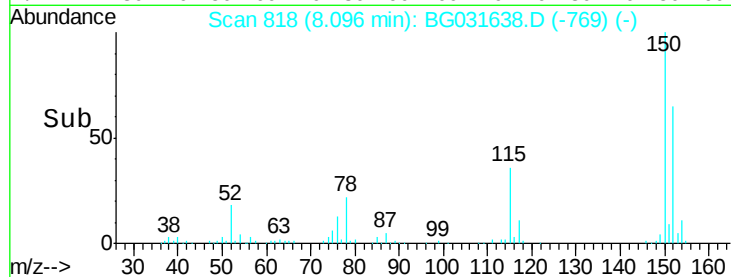
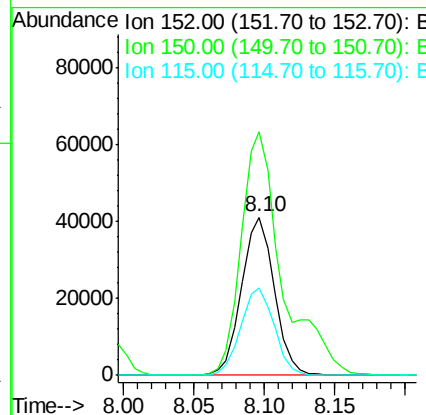
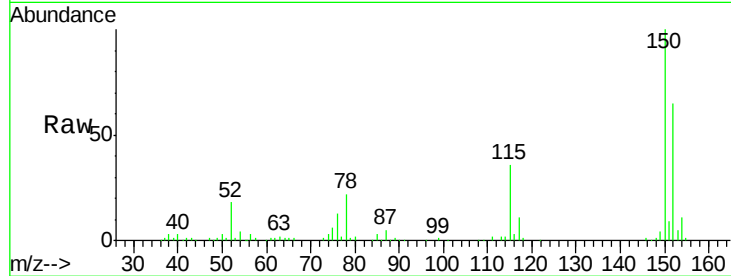


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Instrument :
BNA_G
ClientSampleId :
PB105123BS

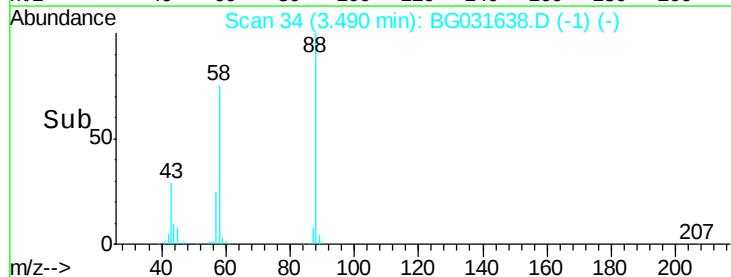
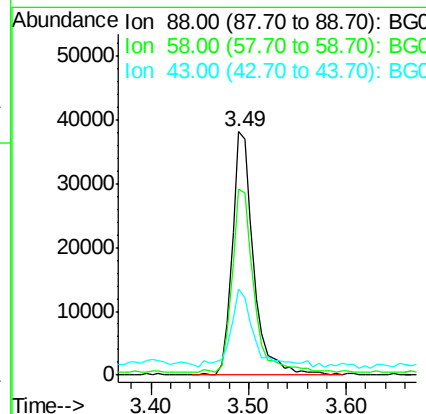
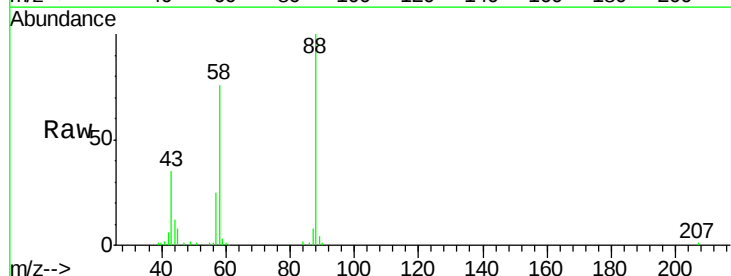
Tgt Ion:152 Resp: 66863
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 55.4 53.0 79.4

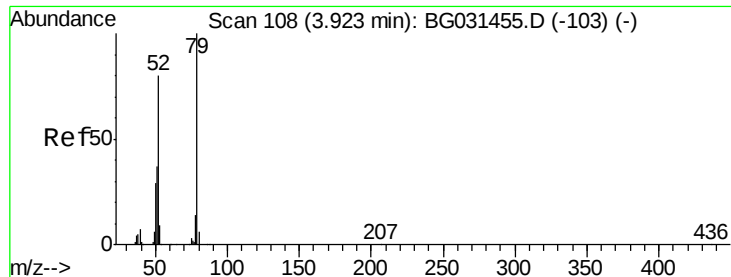


#2

1,4-Dioxane
Concen: 32.077 ng
RT: 3.49 min Scan# 34
Delta R.T. -0.02 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion: 88 Resp: 57734
Ion Ratio Lower Upper
88 100
58 76.3 79.6 119.4#
43 35.6 27.4 41.0





#3

Pyridine

Concen: 34.605 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

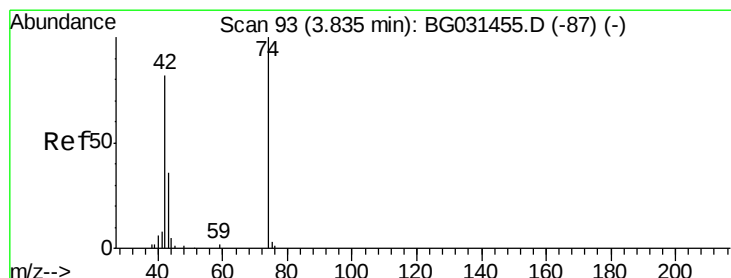
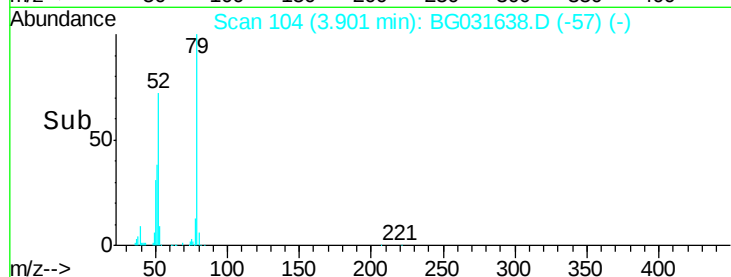
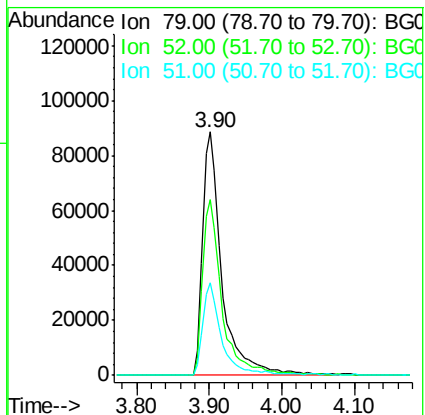
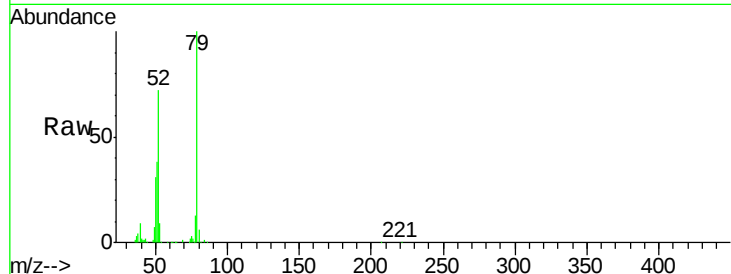
Tgt Ion: 79 Resp: 163990

Ion Ratio Lower Upper

79 100

52 72.4 69.9 104.9

51 38.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.386 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

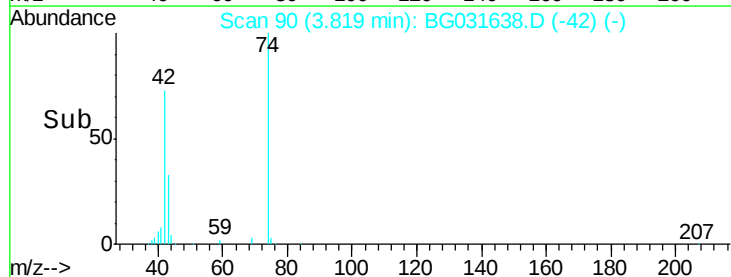
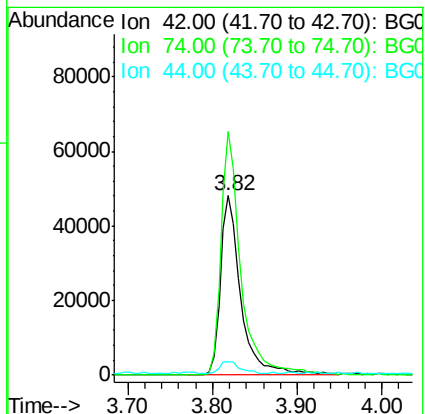
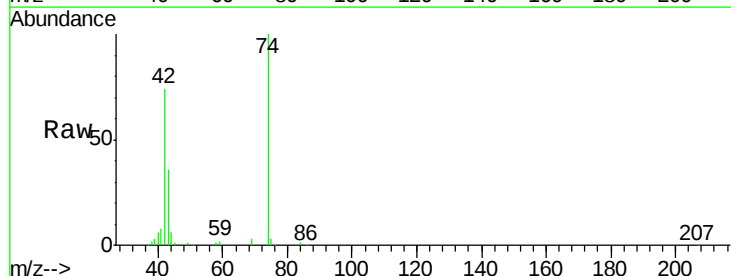
Tgt Ion: 42 Resp: 81217

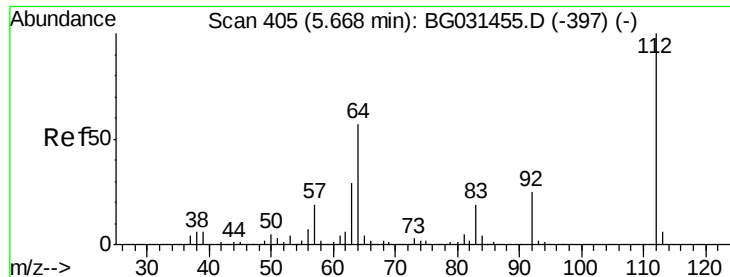
Ion Ratio Lower Upper

42 100

74 135.8 102.5 153.7

44 7.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 145.910 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

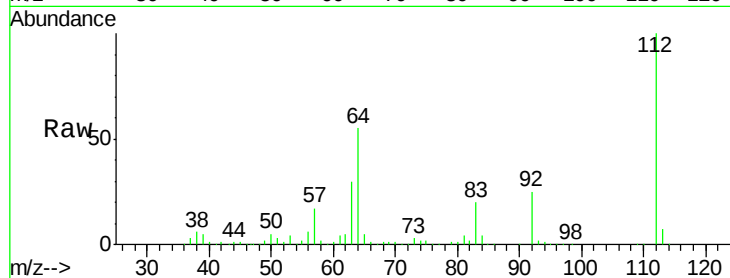
Tgt Ion: 112 Resp: 550402

Ion Ratio Lower Upper

112 100

64 54.8 56.3 84.5#

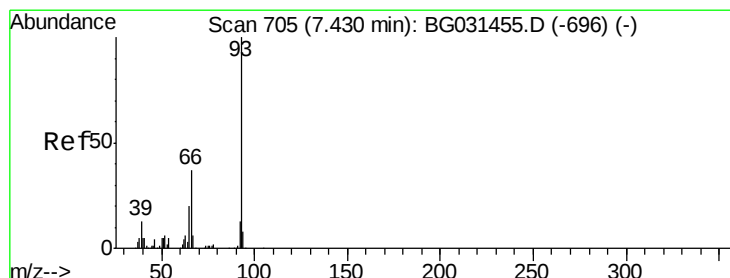
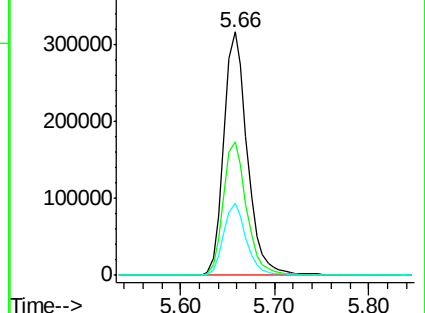
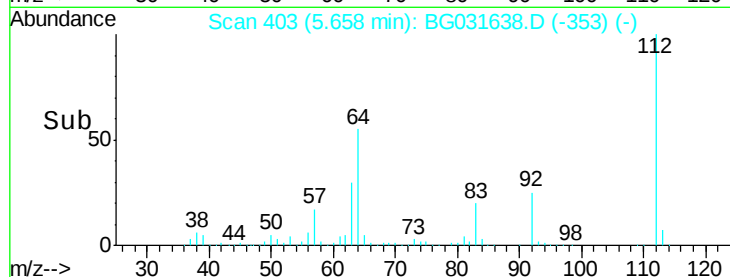
63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.415 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

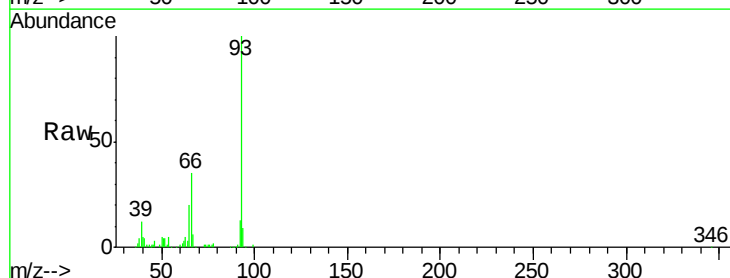
Tgt Ion: 93 Resp: 202857

Ion Ratio Lower Upper

93 100

66 35.1 33.7 50.5

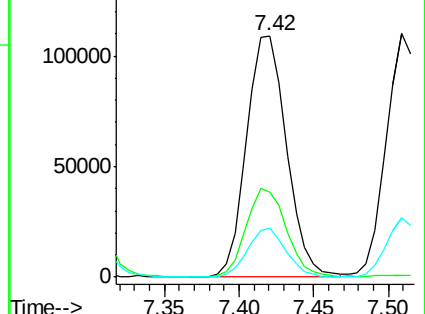
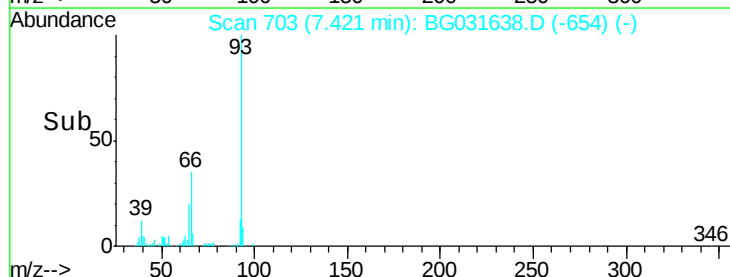
65 20.3 16.1 24.1

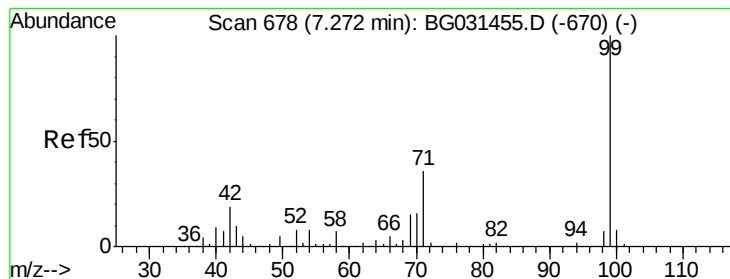


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.331 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

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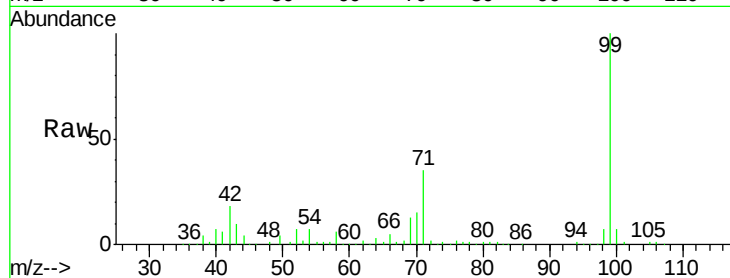
Tgt Ion: 99 Resp: 692977

Ion Ratio Lower Upper

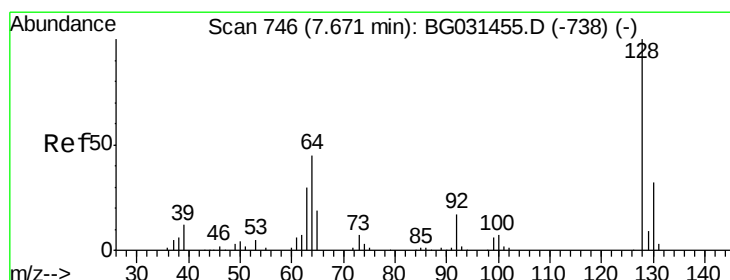
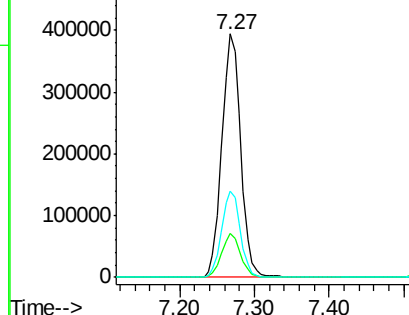
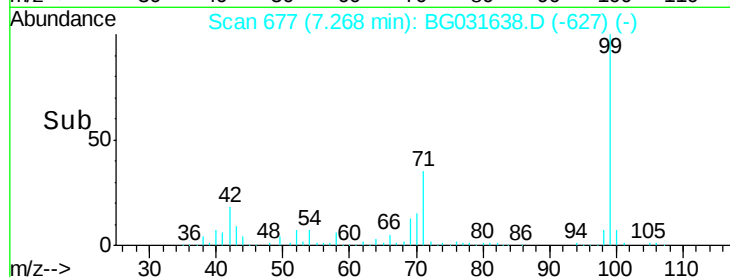
99 100

42 18.1 14.1 21.1

71 35.3 26.1 39.1



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



#8

2-Chlorophenol

Concen: 50.031 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

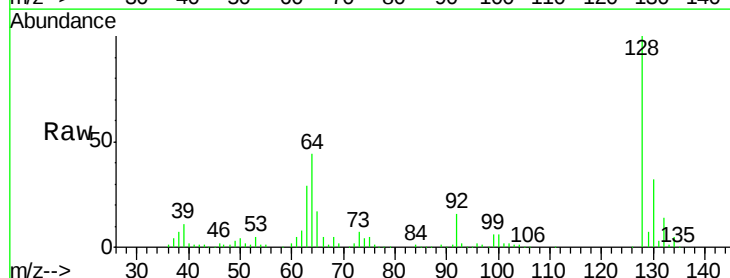
Tgt Ion: 128 Resp: 210515

Ion Ratio Lower Upper

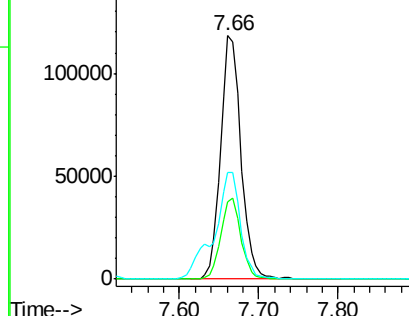
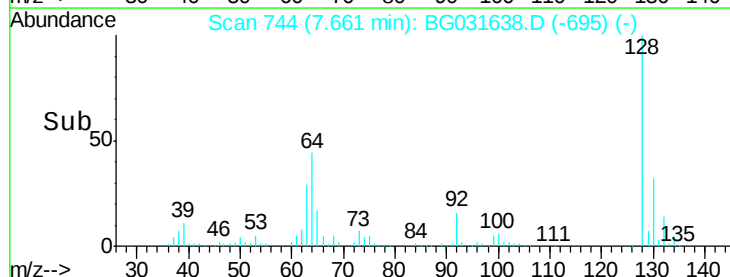
128 100

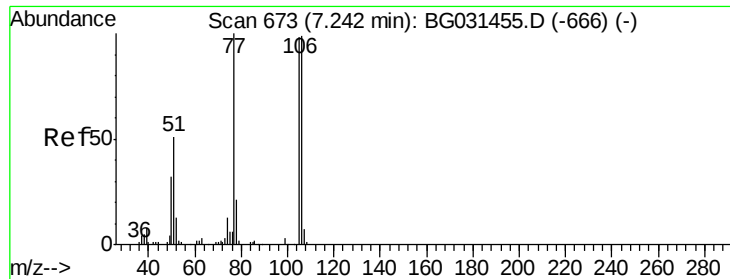
130 31.7 14.0 54.0

64 43.8 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: 33.162 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

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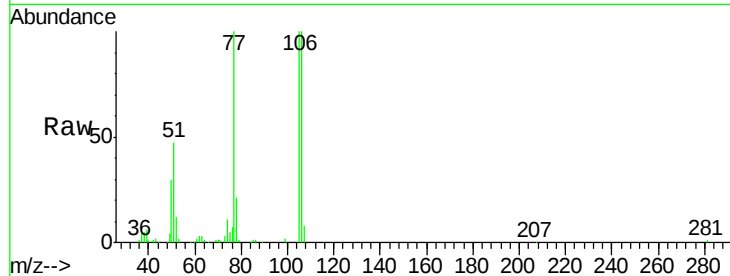
Tgt Ion: 77 Resp: 100660

Ion Ratio Lower Upper

77 100

105 100.4 71.3 111.3

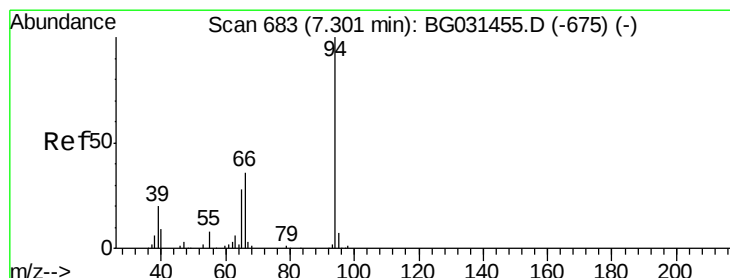
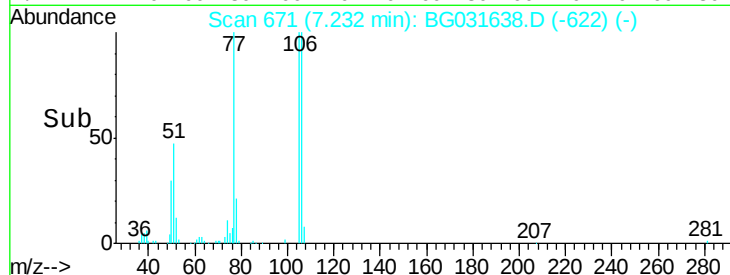
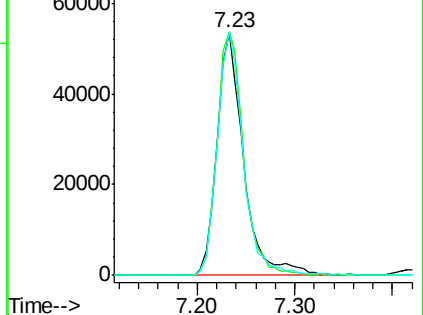
106 100.4 64.2 104.2



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: 47.977 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

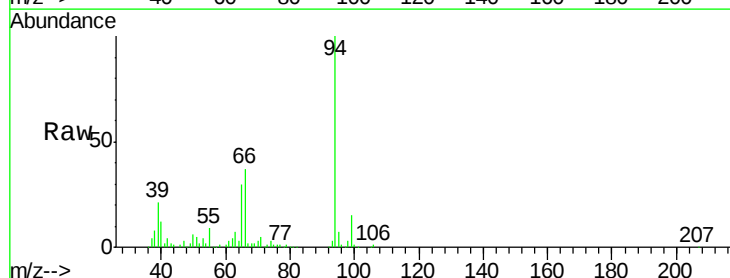
Tgt Ion: 94 Resp: 258096

Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

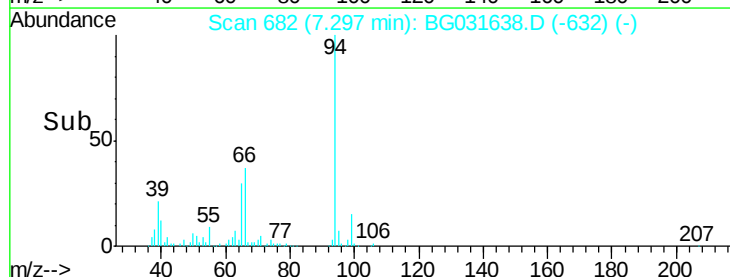
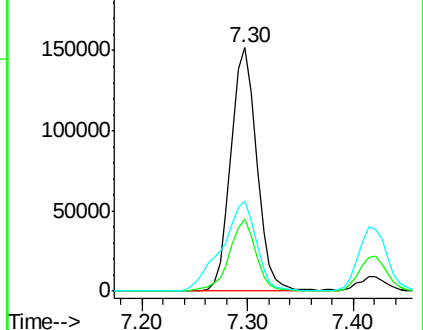
66 37.1 22.2 62.2

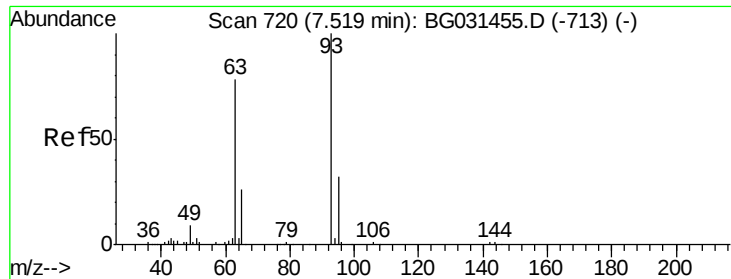


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

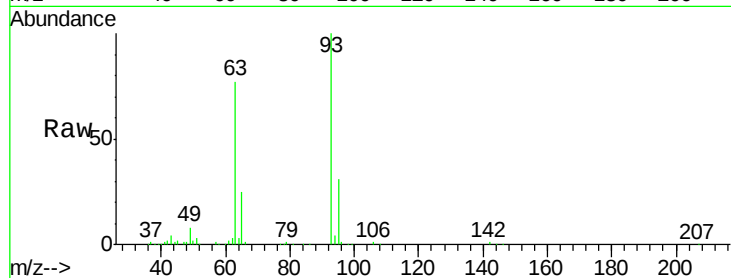




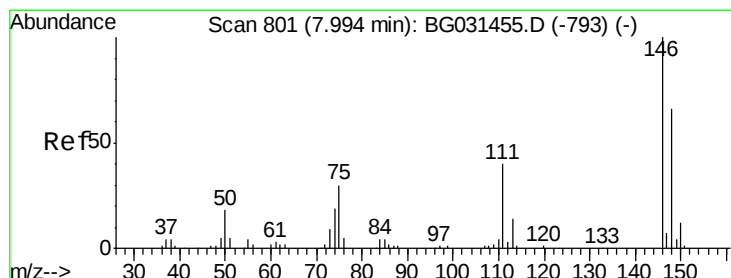
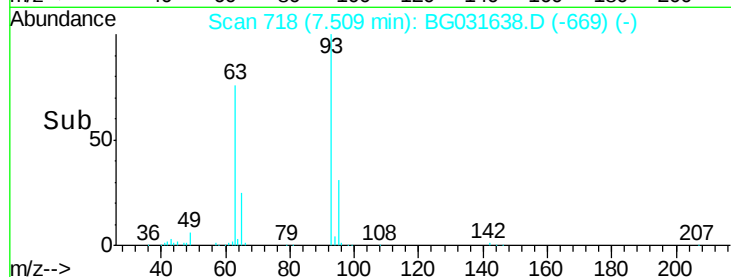
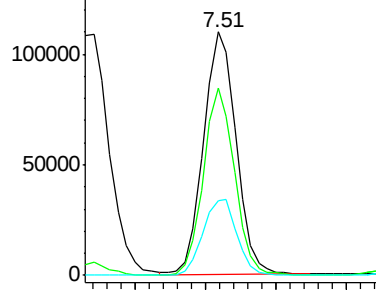
#11
bis(2-Chloroethyl)ether
Concen: 40.249 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Instrument :
BNA_G
ClientSampleId :
PB105123BS

Tgt Ion: 93 Resp: 176722
Ion Ratio Lower Upper
93 100
63 77.2 67.1 107.1
95 30.8 11.5 51.5

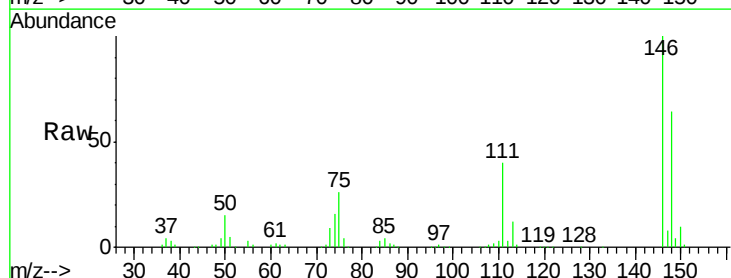


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

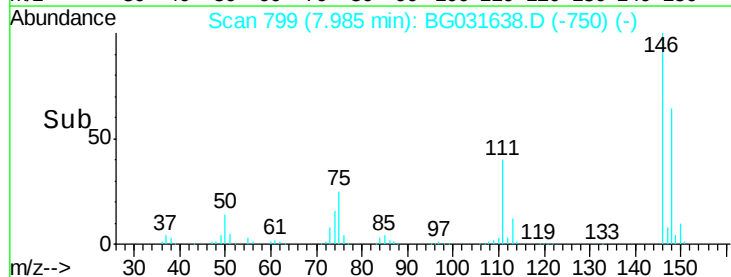
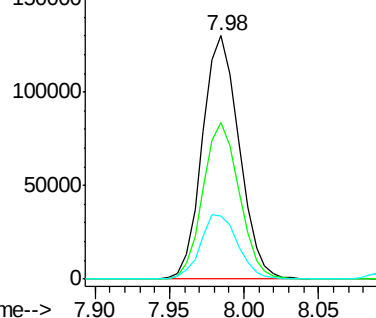


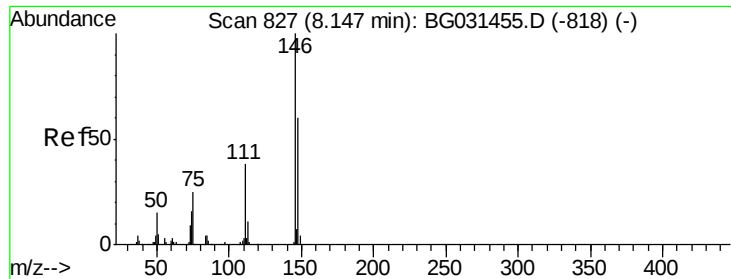
#12
1,3-Dichlorobenzene
Concen: 44.384 ng m
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion: 146 Resp: 222086
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 25.9 26.6 39.8#



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

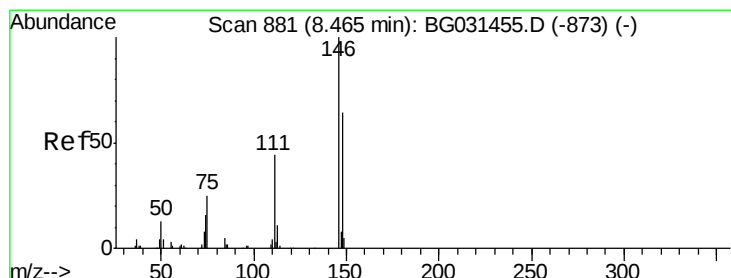
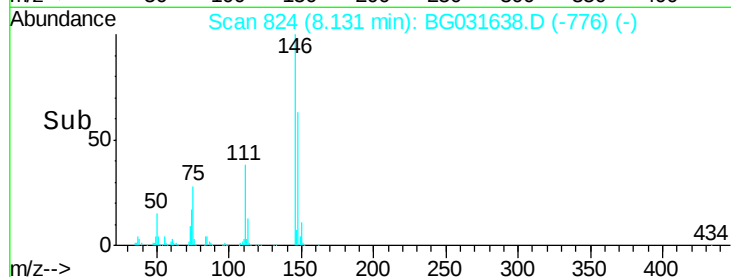
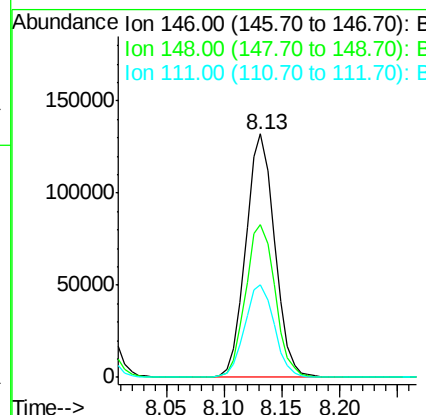
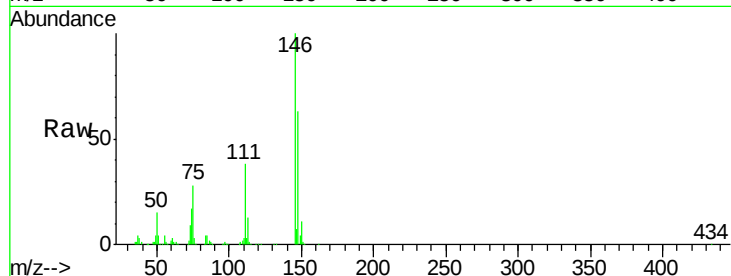




#13
 1,4-Dichlorobenzene
 Concen: 44.092 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

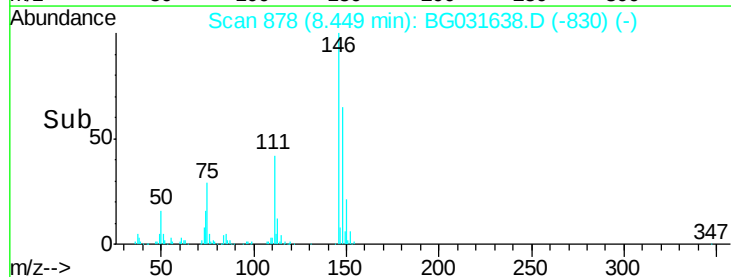
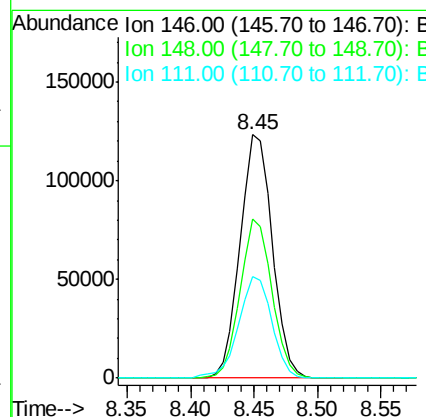
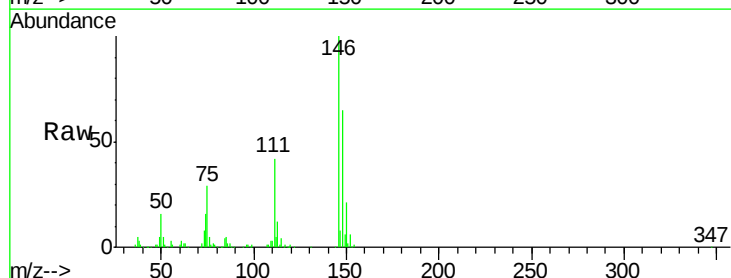
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

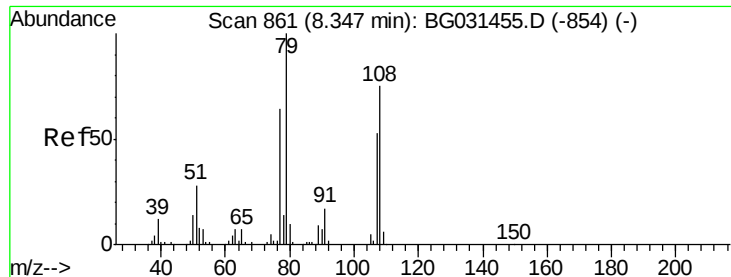
Tgt Ion:146 Resp: 229296
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 38.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.905 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:146 Resp: 217499
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.3 73.9
 111 41.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.574 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

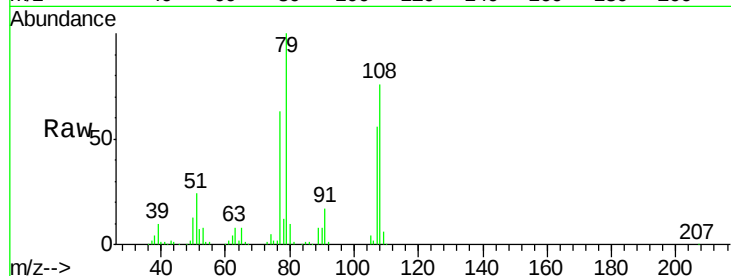
Tgt Ion: 79 Resp: 174401

Ion Ratio Lower Upper

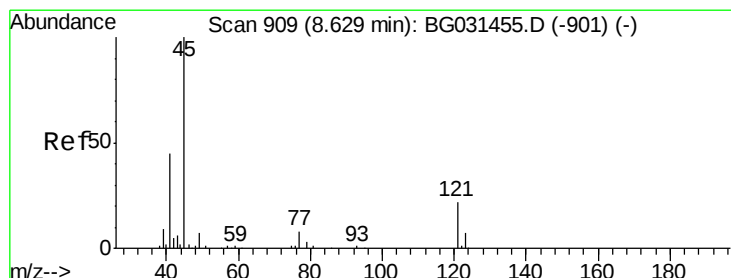
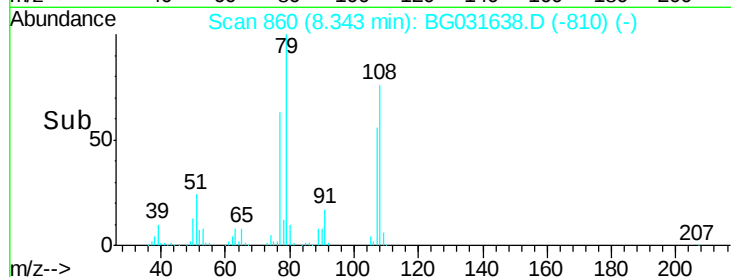
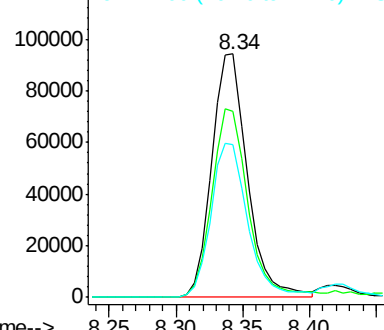
79 100

108 76.2 57.2 85.8

77 62.7 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.474 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

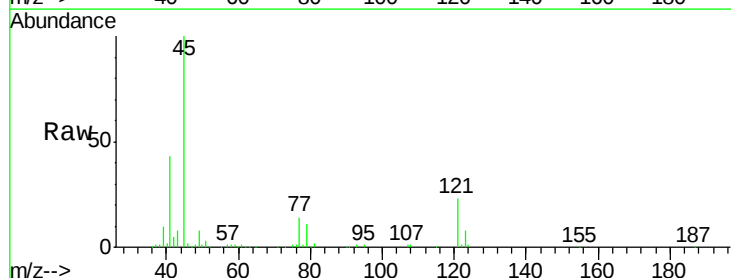
Tgt Ion: 45 Resp: 258836

Ion Ratio Lower Upper

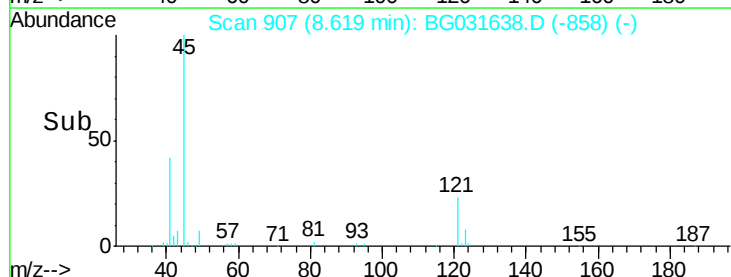
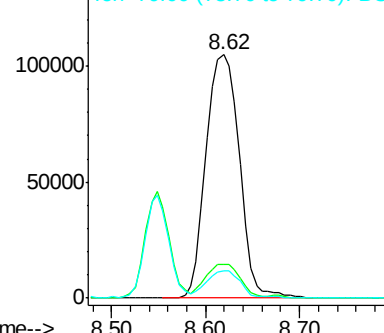
45 100

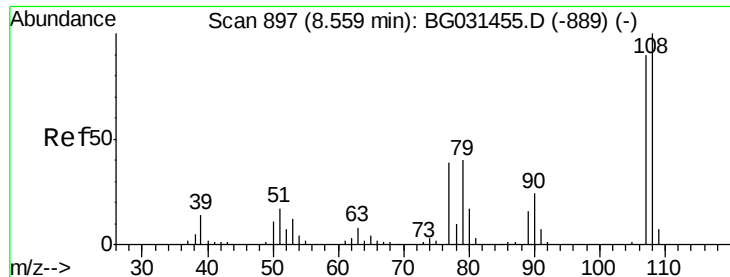
77 13.9 0.0 30.2

79 11.0 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

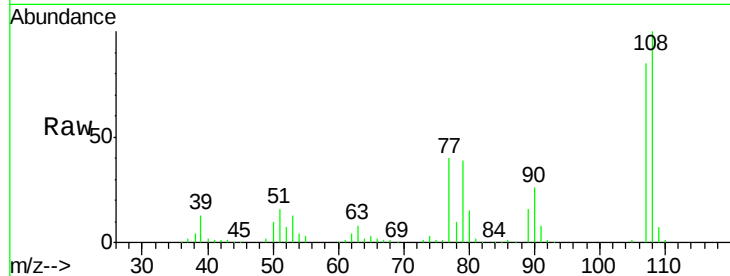




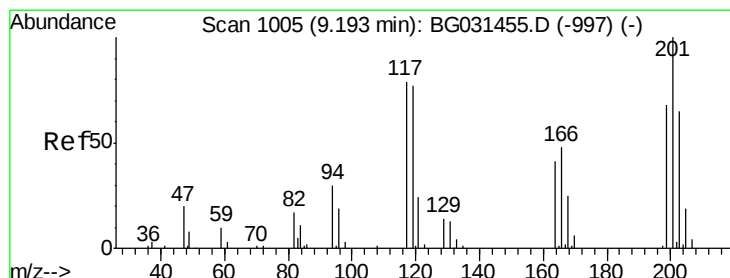
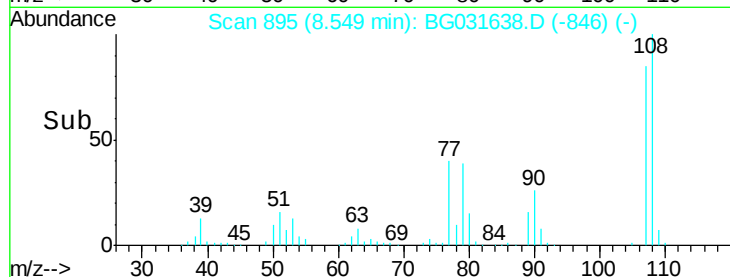
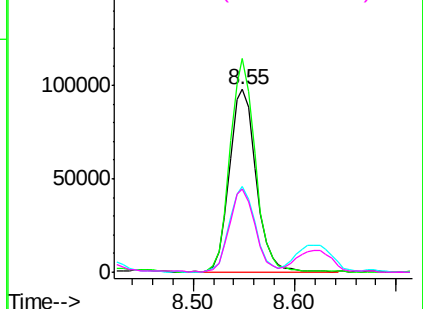
#17
2-Methylphenol
Concen: 48.332 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Instrument :
BNA_G
ClientSampleId :
PB105123BS

Tgt Ion:107 Resp: 177233
Ion Ratio Lower Upper
107 100
108 117.0 83.9 125.9
77 47.2 37.2 55.8
79 45.5 36.2 54.2

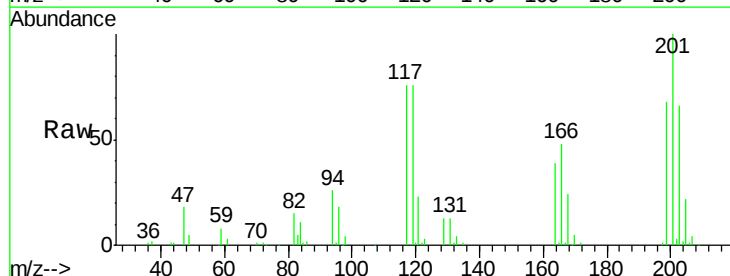


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

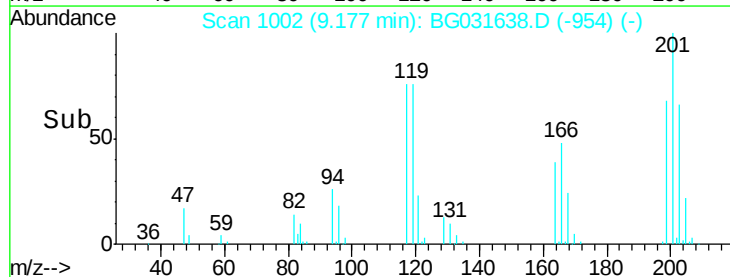
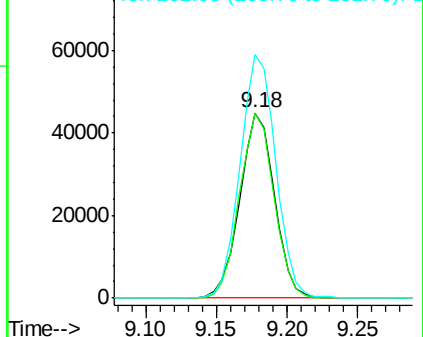


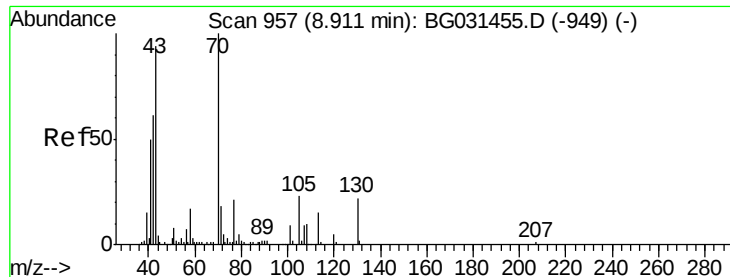
#18
Hexachloroethane
Concen: 43.828 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:117 Resp: 76829
Ion Ratio Lower Upper
117 100
119 99.5 76.7 115.1
201 131.5 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

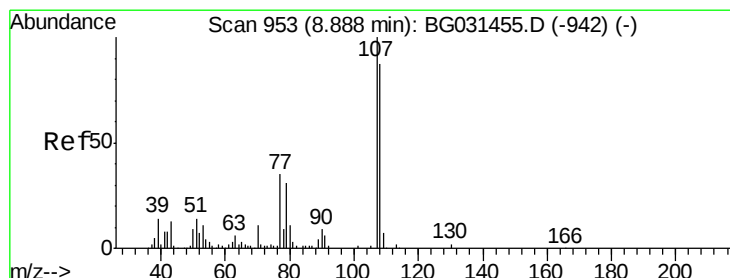
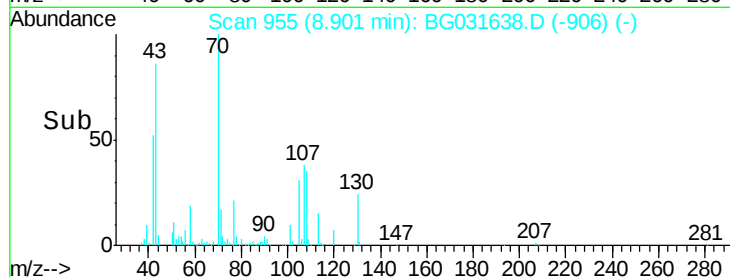
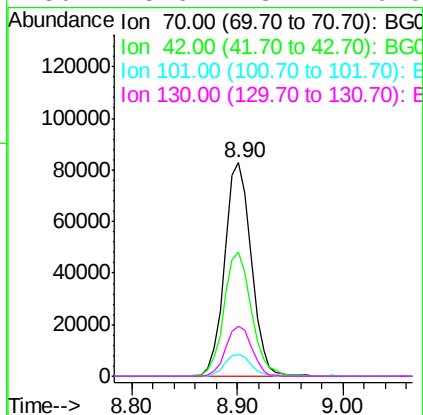
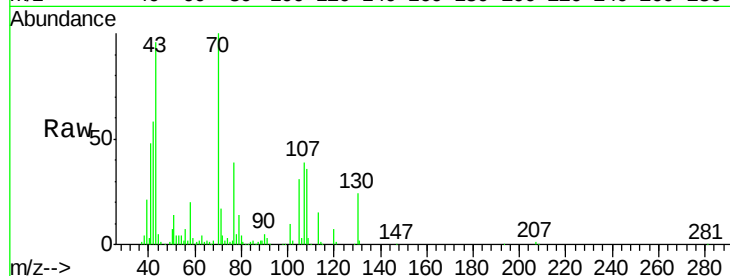




#19
n-Nitroso-di-n-propylamine
Concen: 34.937 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

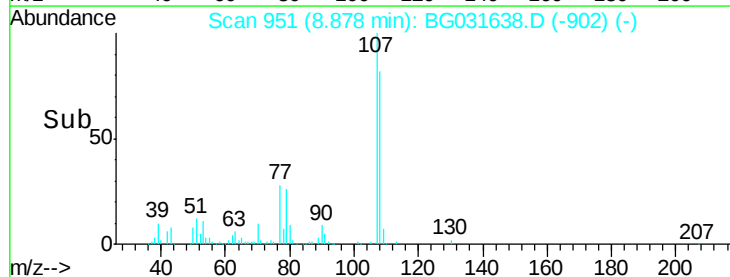
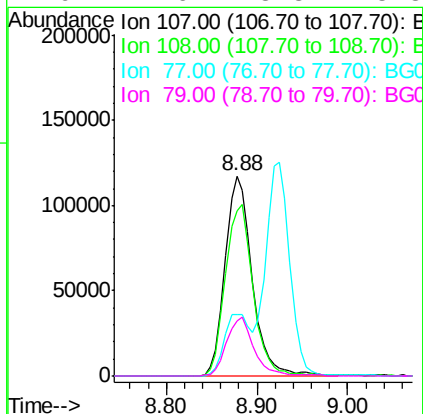
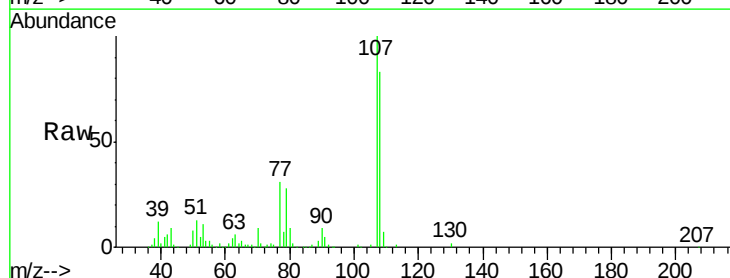
Instrument :
BNA_G
ClientSampleId :
PB105123BS

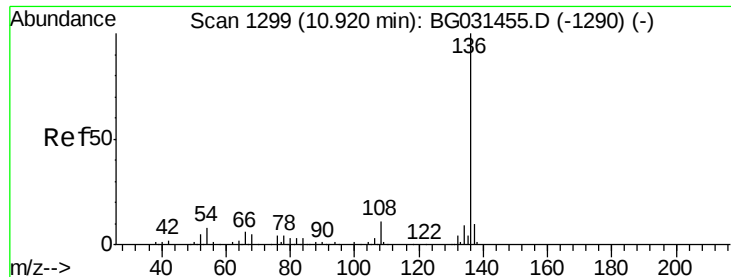
Tgt Ion: 70 Resp: 144002
Ion Ratio Lower Upper
70 100
42 58.1 49.1 73.7
101 10.0 8.5 12.7
130 23.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.659 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion: 107 Resp: 243961
Ion Ratio Lower Upper
107 100
108 82.7 61.6 101.6
77 30.7 13.9 53.9
79 27.6 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

Tgt Ion:136 Resp: 290395

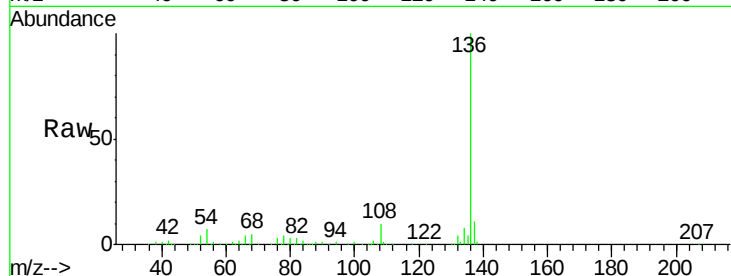
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 10.3 15.5#

68 5.3 4.5 6.7

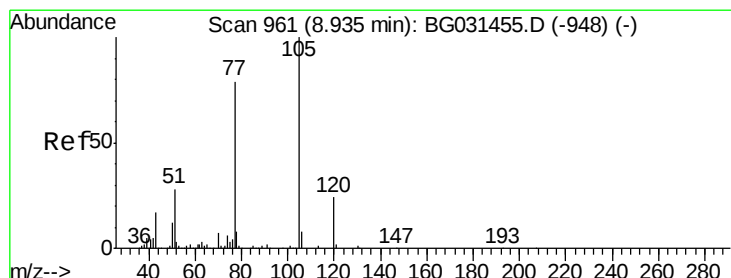
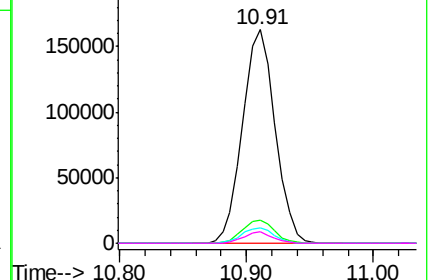
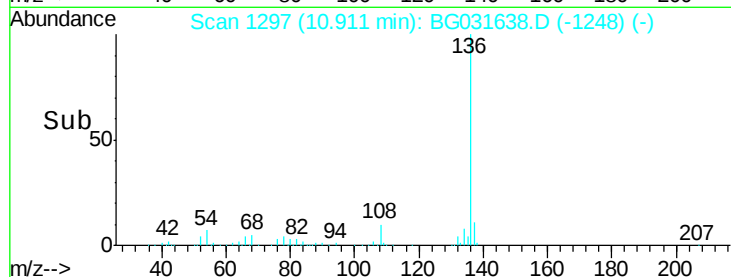


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.970 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Tgt Ion:105 Resp: 306323

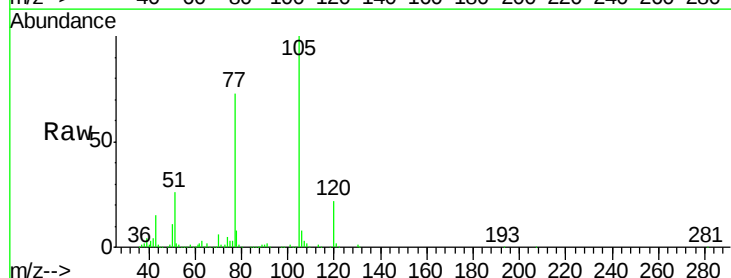
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 25.9 26.1 39.1#

120 22.0 17.4 26.2

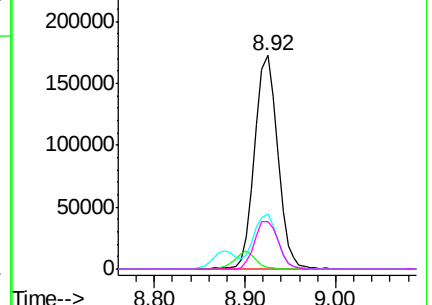
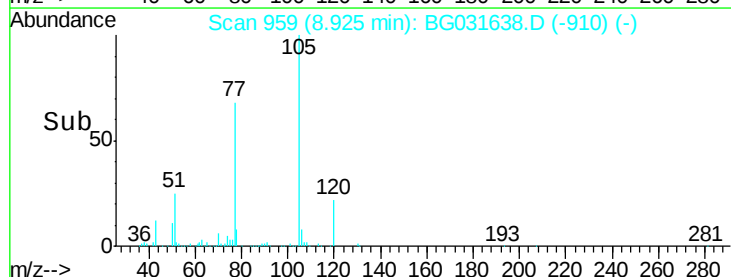


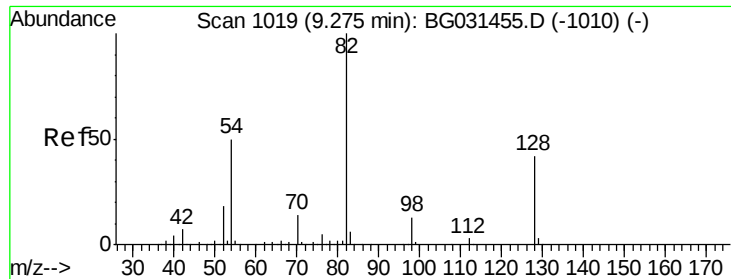
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

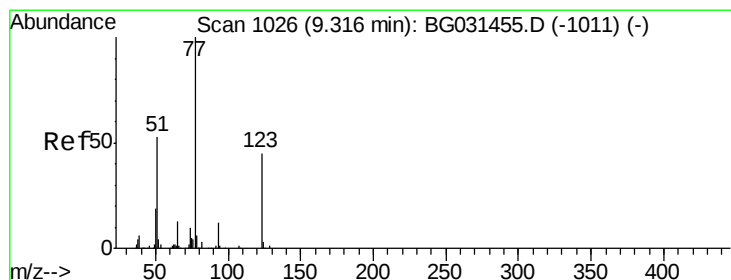
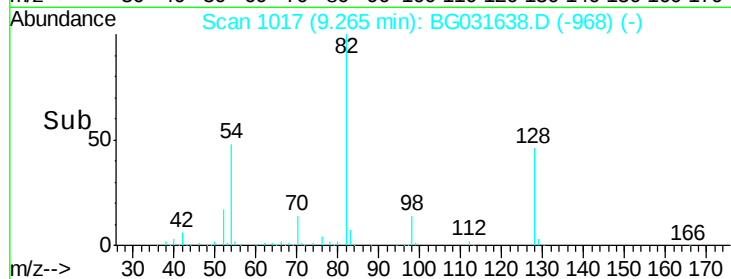
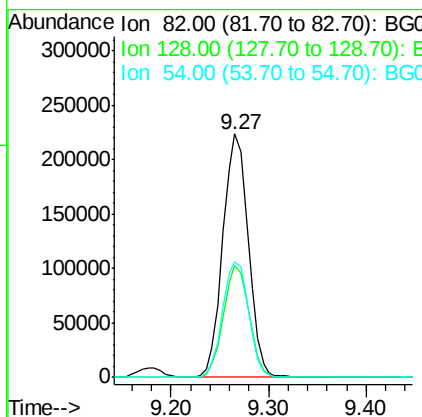
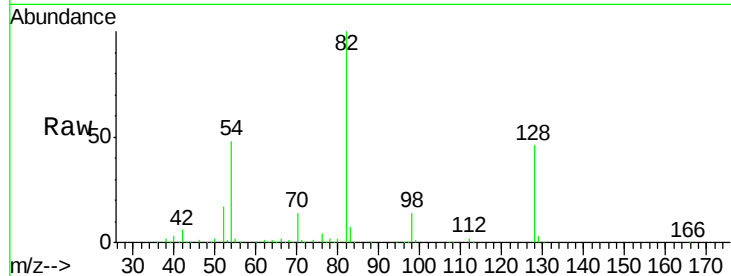




#23
 Nitrobenzene-d5
 Concen: 86.397 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

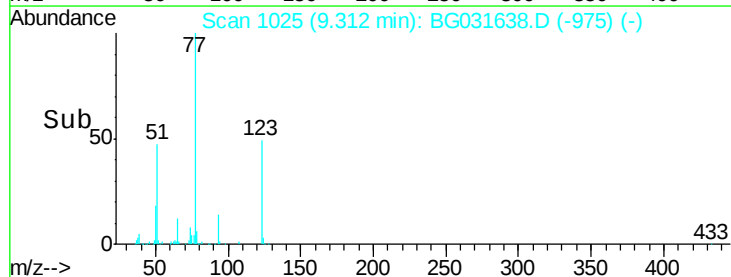
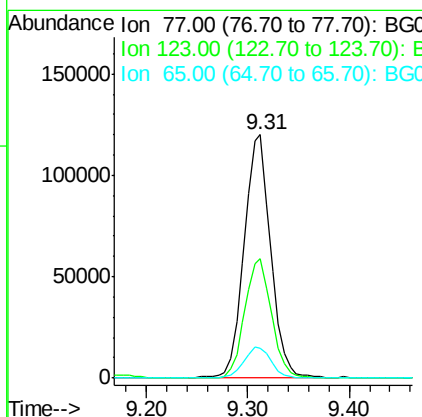
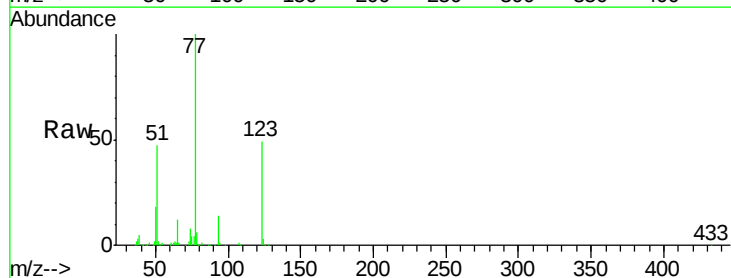
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

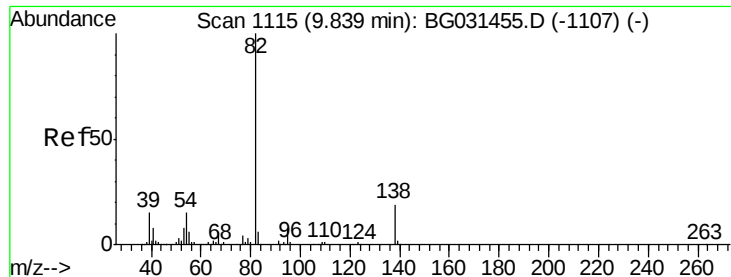
Tgt Ion: 82 Resp: 407052
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 47.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 45.289 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion: 77 Resp: 218649
 Ion Ratio Lower Upper
 77 100
 123 48.9 33.0 49.6
 65 12.0 13.0 19.6#





#25

Isophorone

Concen: 45.311 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

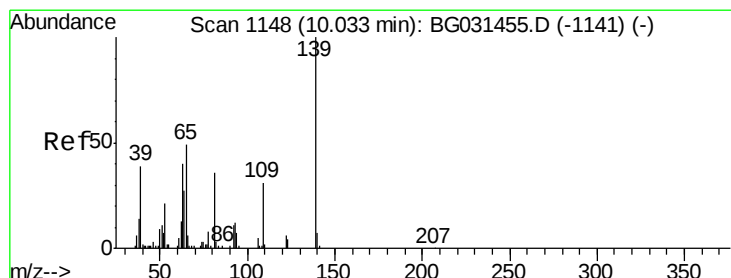
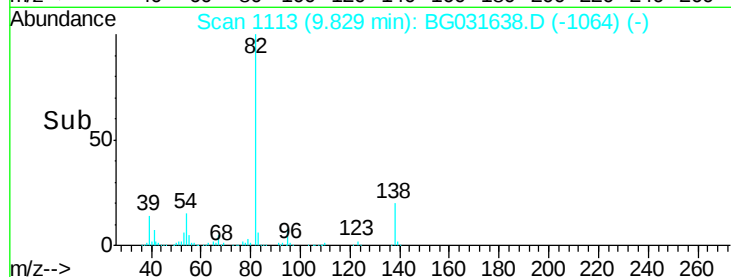
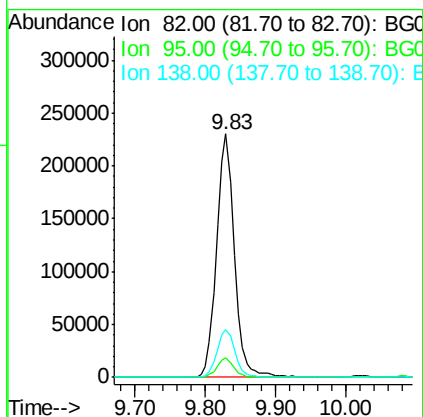
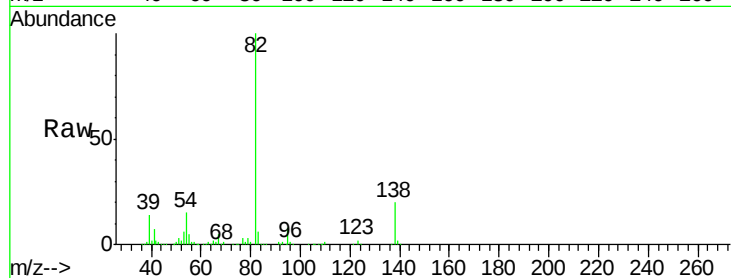
Tgt Ion: 82 Resp: 403445

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 19.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.149 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

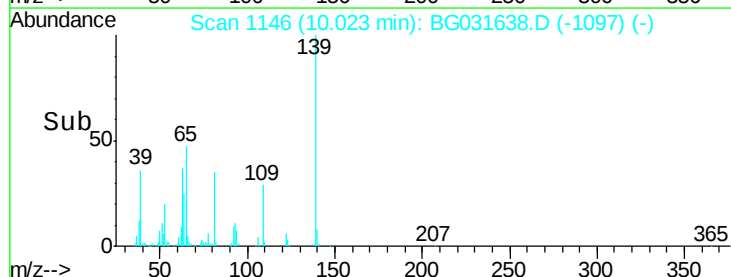
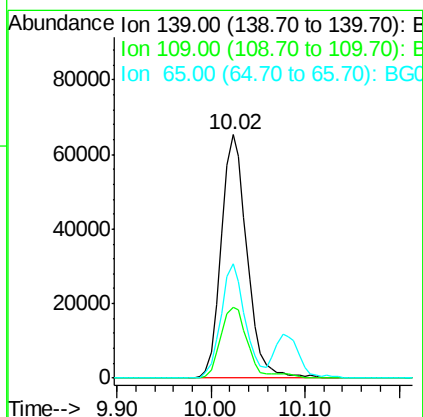
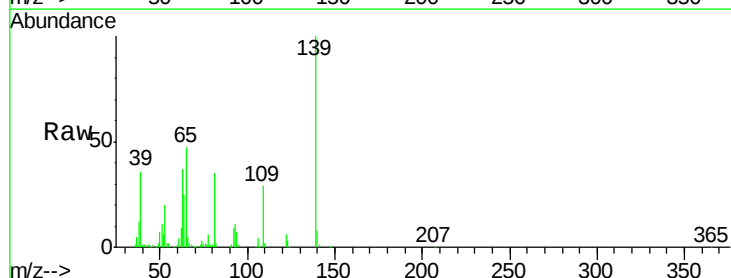
Tgt Ion: 139 Resp: 124493

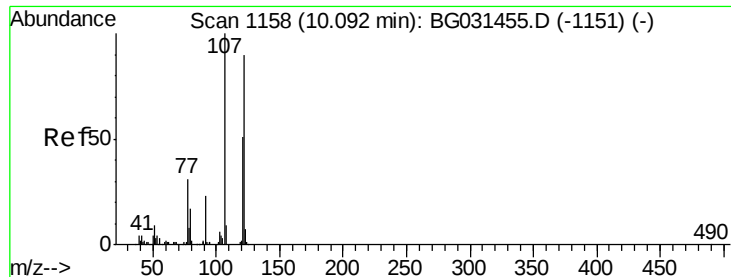
Ion Ratio Lower Upper

139 100

109 29.3 24.2 36.2

65 47.1 47.4 71.0#

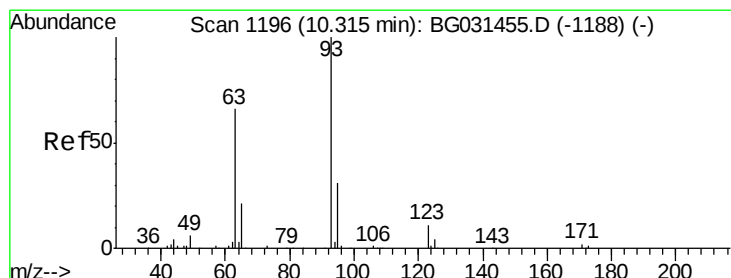
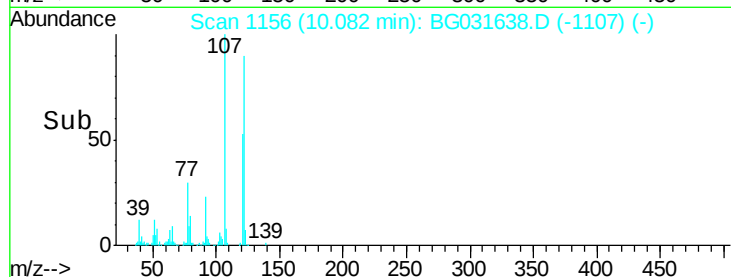
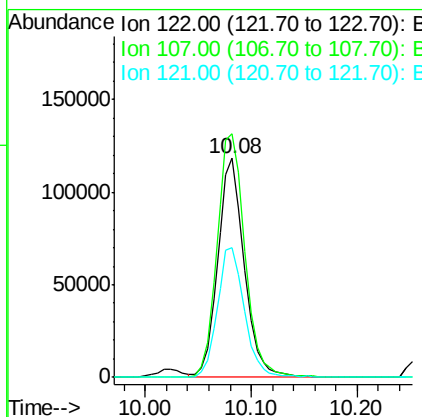
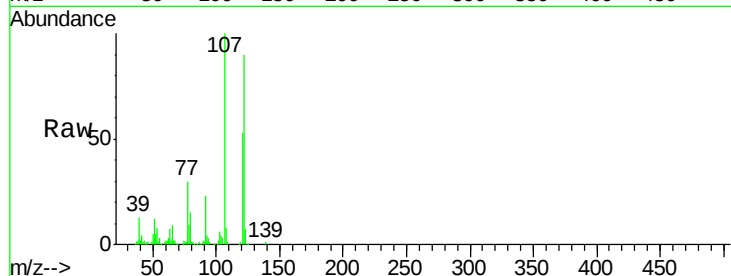




#27
2,4-Dimethylphenol
Concen: 56.545 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

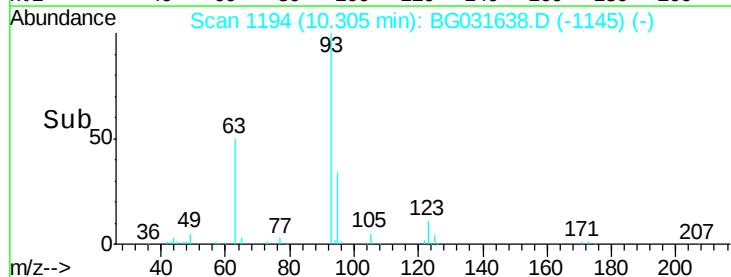
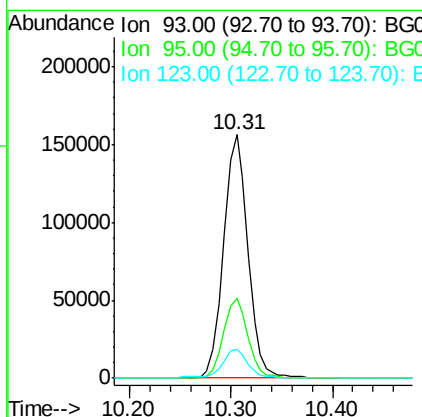
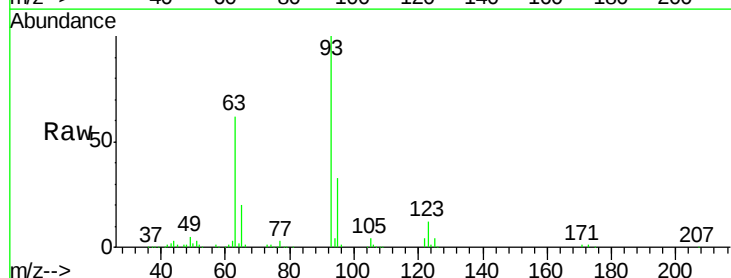
Instrument :
BNA_G
ClientSampleId :
PB105123BS

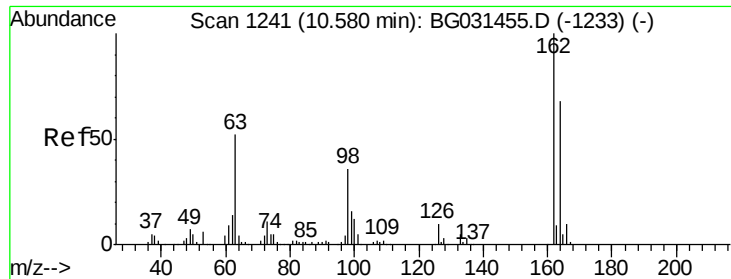
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	100.2	150.2
121	59.4	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.145 ng
RT: 10.31 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.9	8.4	12.6

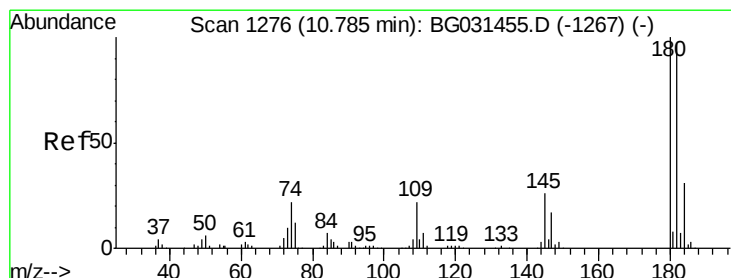
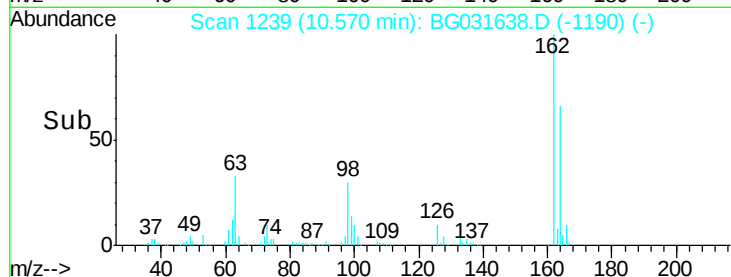
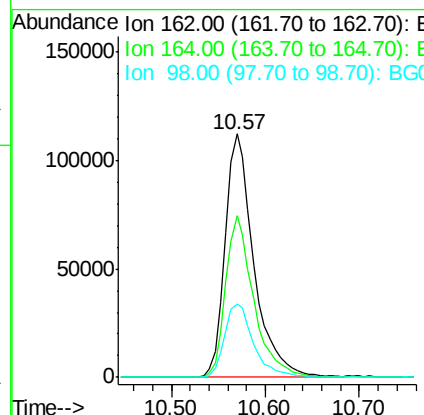
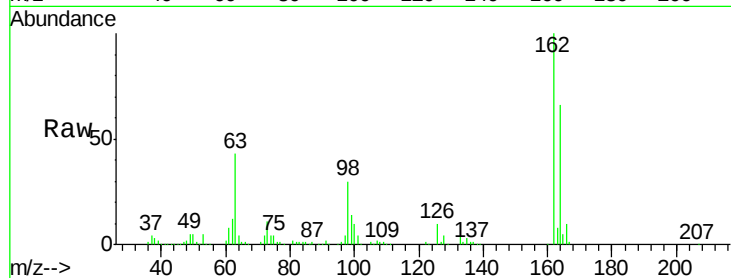




#29
2,4-Dichlorophenol
Concen: 56.030 ng
RT: 10.57 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

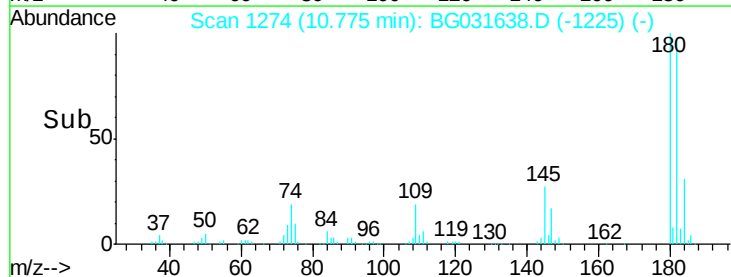
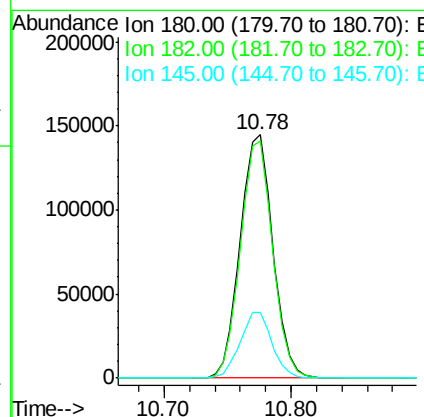
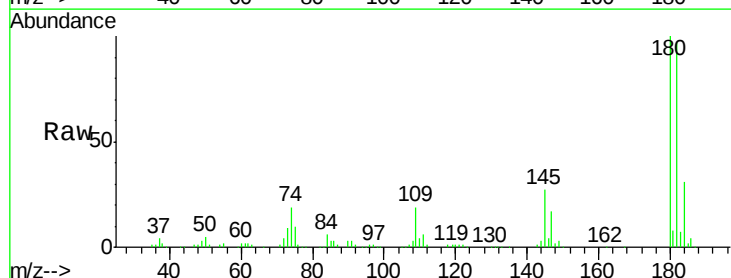
Instrument :
BNA_G
ClientSampleId :
PB105123BS

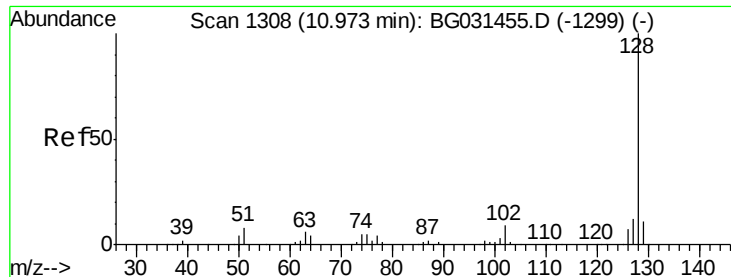
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.0	88.0
98	30.1	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 47.463 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.5	116.3
145	27.0	23.4	35.2

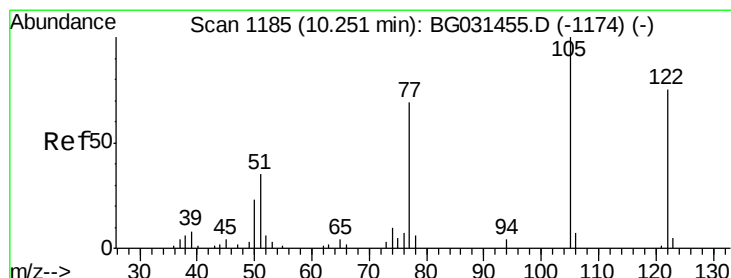
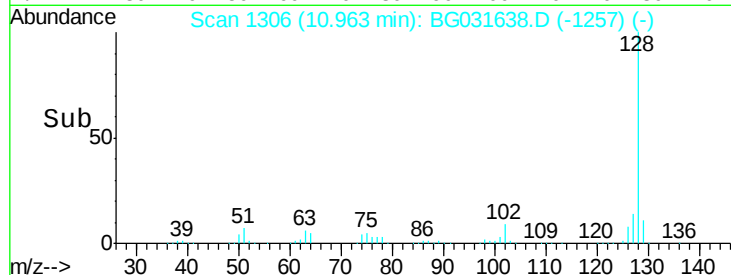
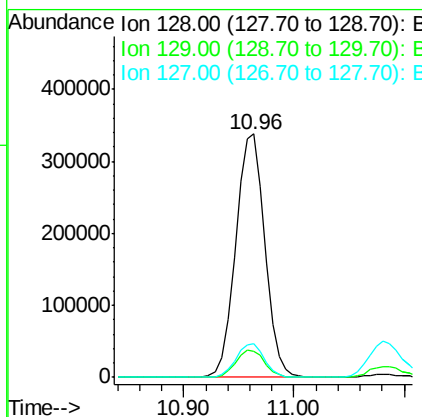
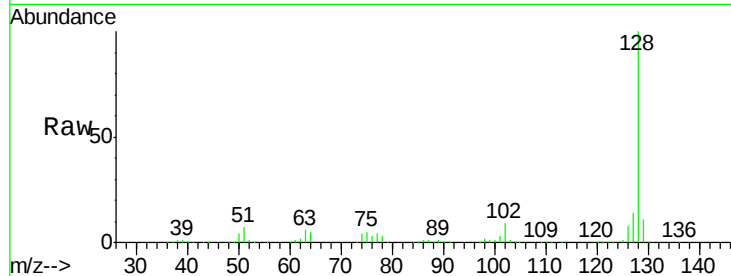




#31
Naphthalene
Concen: 43.675 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

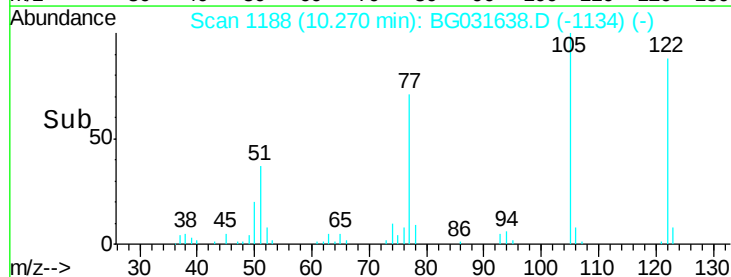
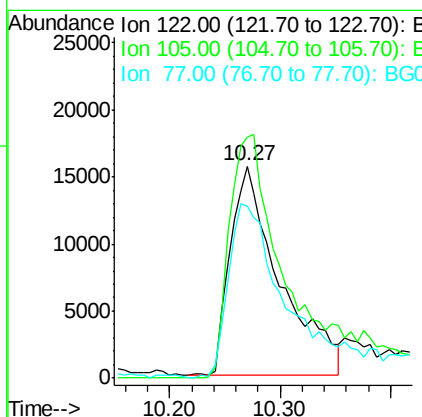
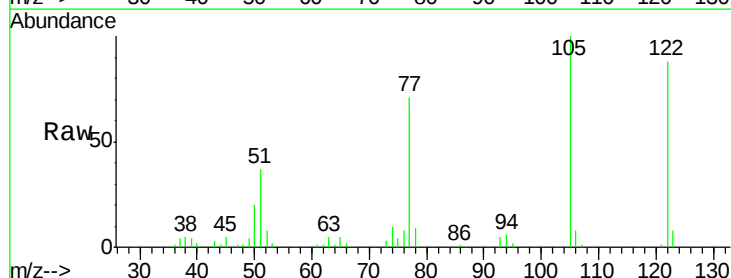
Instrument :
BNA_G
ClientSampleId :
PB105123BS

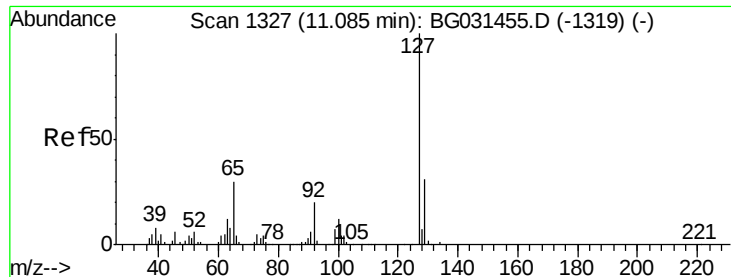
Tgt Ion:128 Resp: 623087
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 29.130 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:122 Resp: 49158
Ion Ratio Lower Upper
122 100
105 113.7 123.5 163.5#
77 81.0 85.7 125.7#

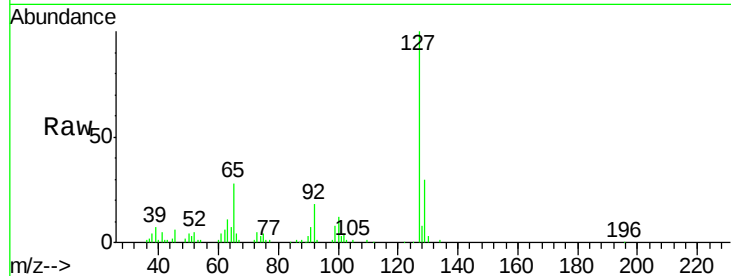




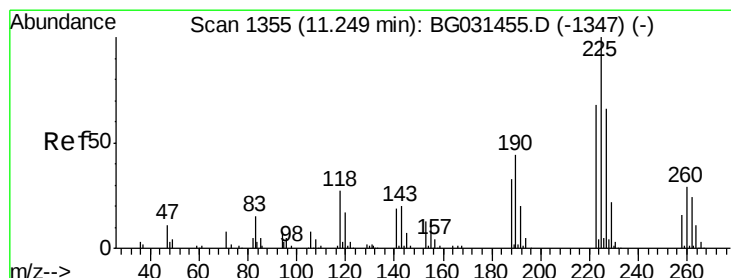
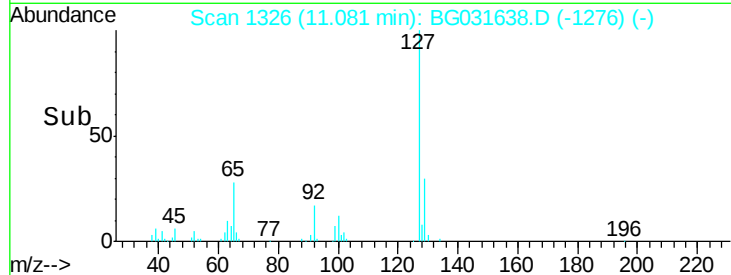
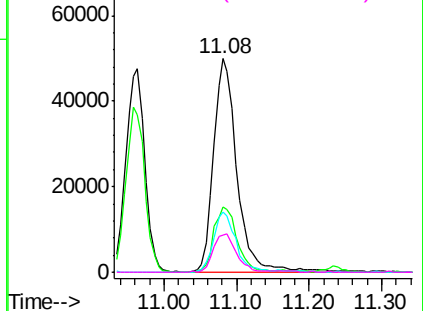
#33
4-Chloroaniline
Concen: 18.086 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Instrument :
BNA_G
ClientSampleId :
PB105123BS

Tgt Ion:	127	Resp:	112032
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.0	36.0
65	28.5	27.0	40.4
92	17.6	16.6	25.0

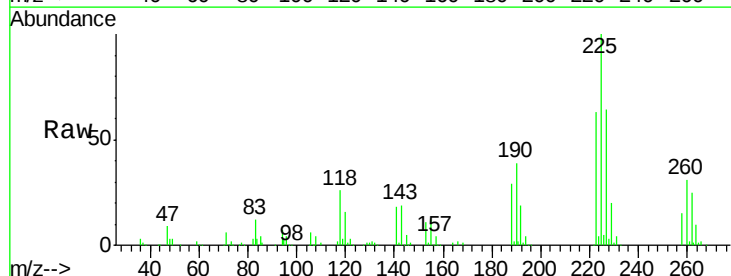


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

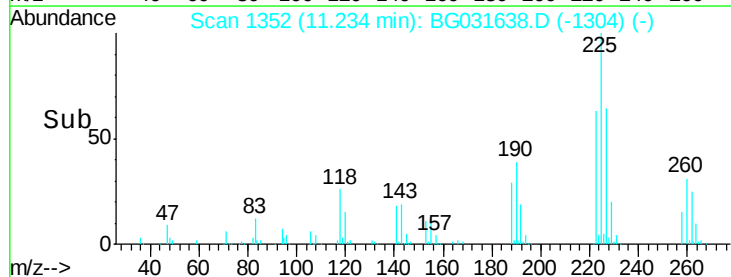
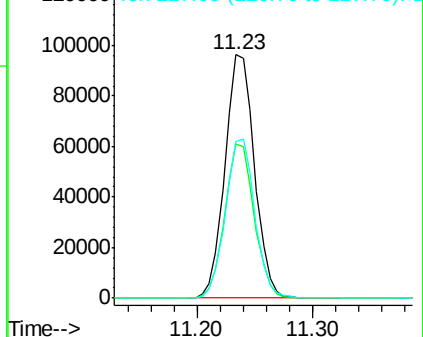


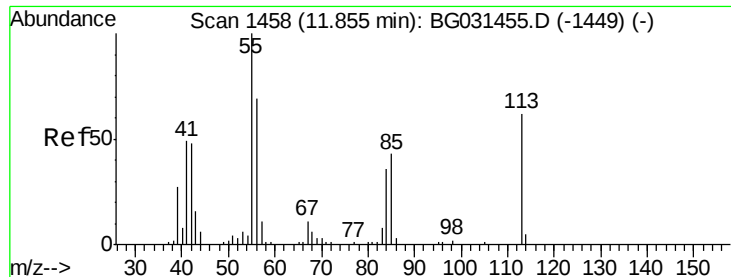
#34
Hexachlorobutadiene
Concen: 47.044 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:	225	Resp:	170307
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	64.4	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: 47.772 ng m

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

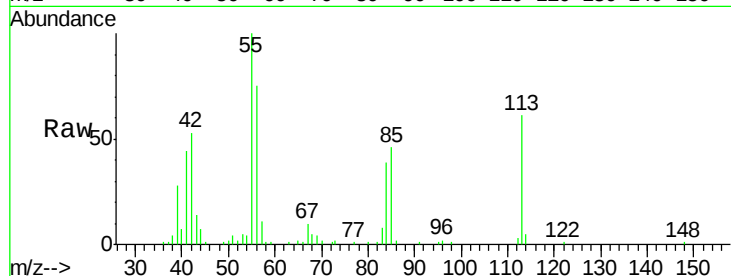
Tgt Ion:113 Resp: 80148

Ion Ratio Lower Upper

113 100

55 164.7 186.9 226.9#

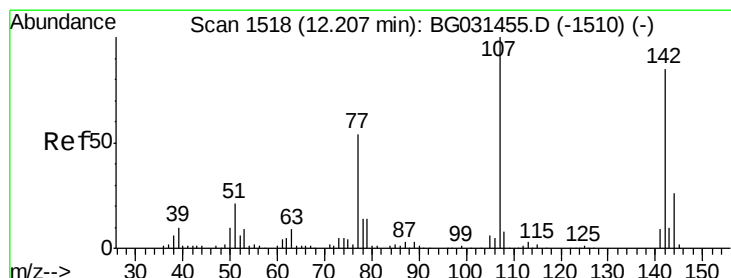
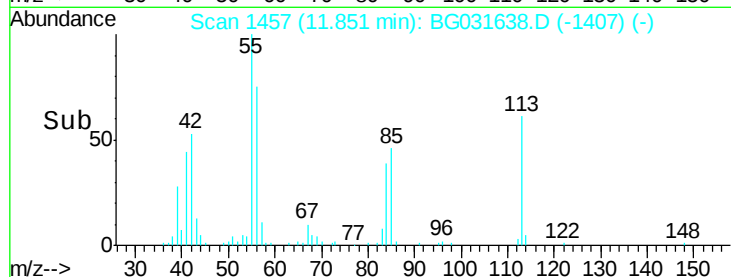
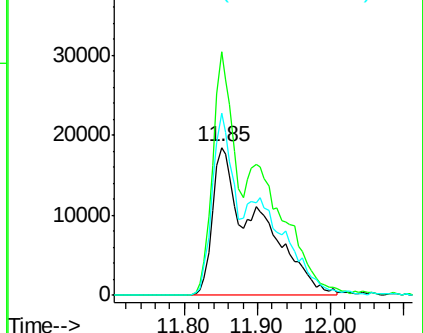
56 123.3 130.9 170.9#



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: 46.527 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

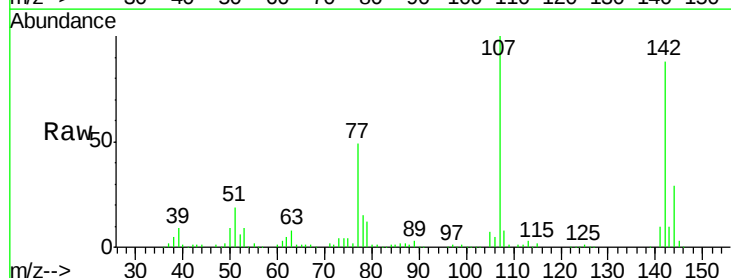
Tgt Ion:107 Resp: 226918

Ion Ratio Lower Upper

107 100

144 29.4 18.2 27.4#

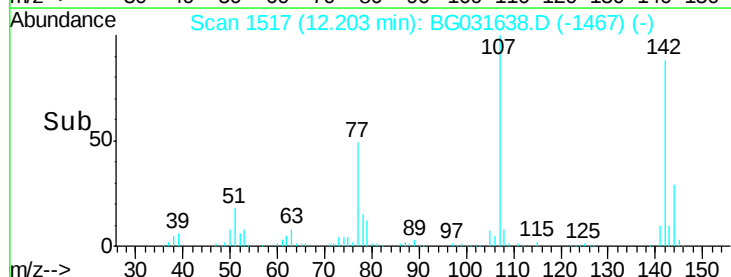
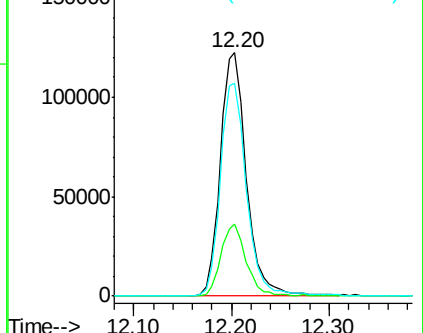
142 87.5 59.0 88.4

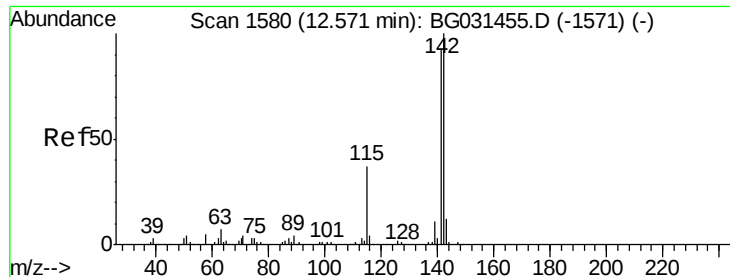


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

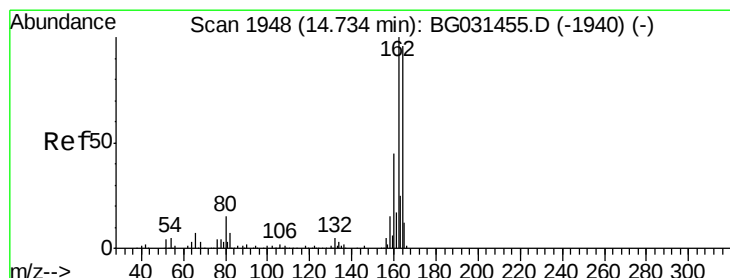
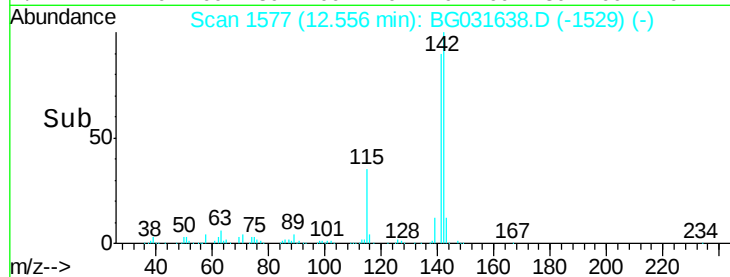
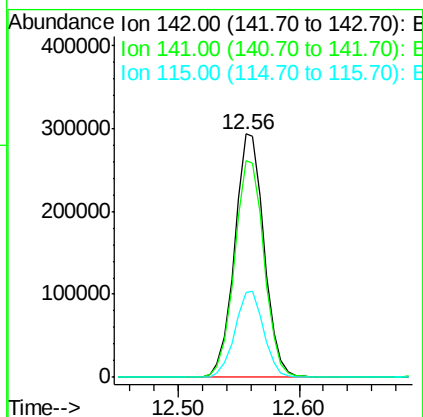
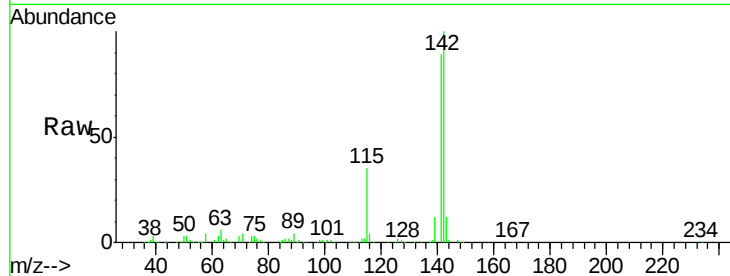




#37
 2-Methylnaphthalene
 Concen: 45.053 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

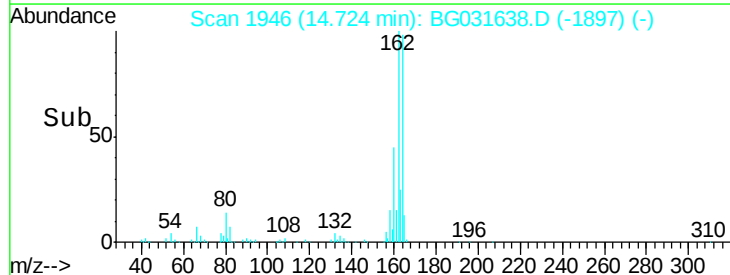
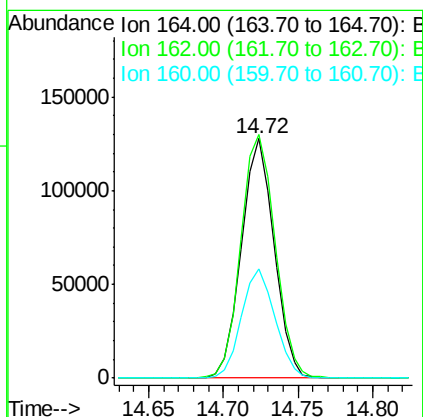
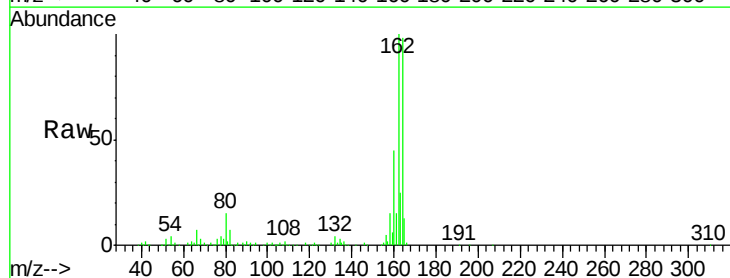
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

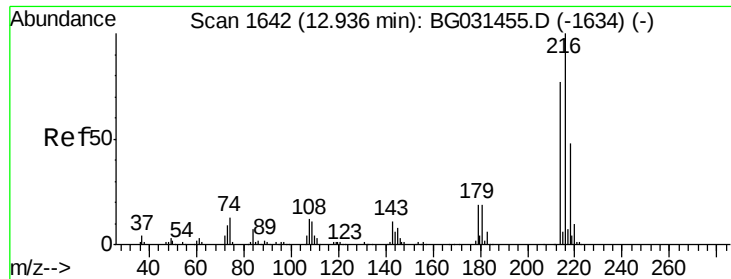
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	34.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	45.3	35.4	53.0

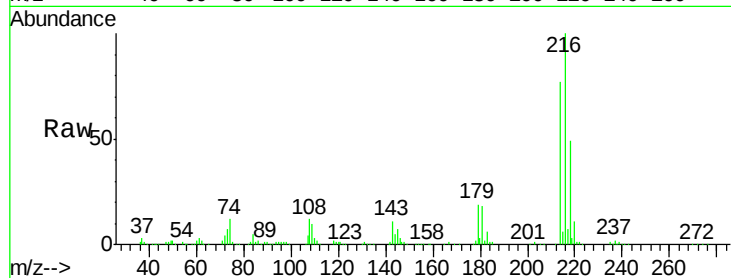




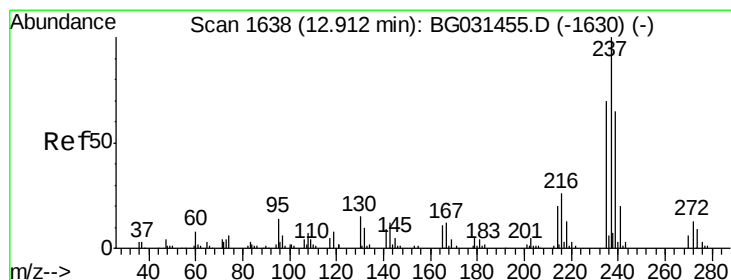
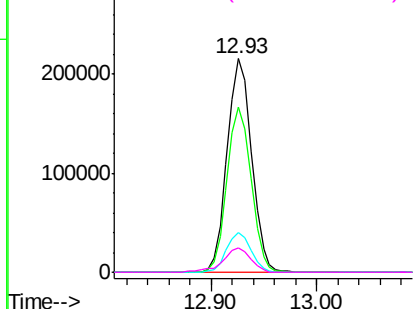
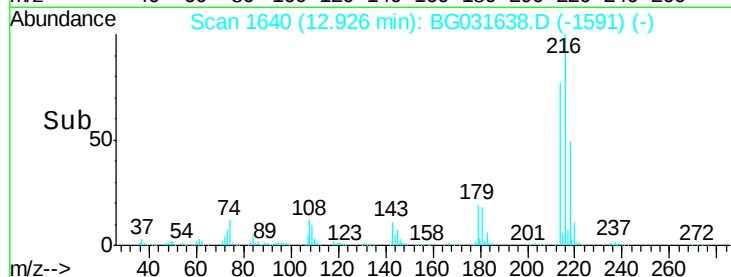
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.622 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

Tgt Ion:	216	Resp:	344741
Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.0	94.4
179	18.6	17.0	25.6
108	13.0	12.8	19.2

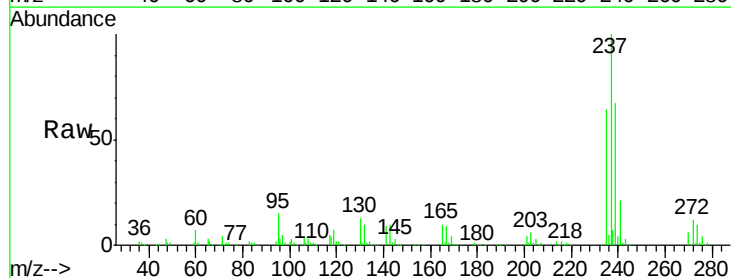


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

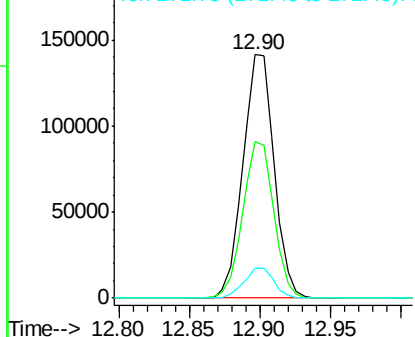
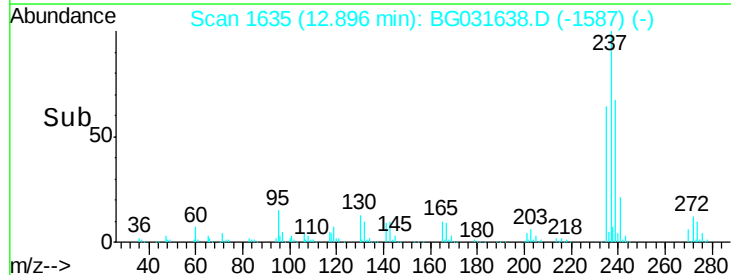


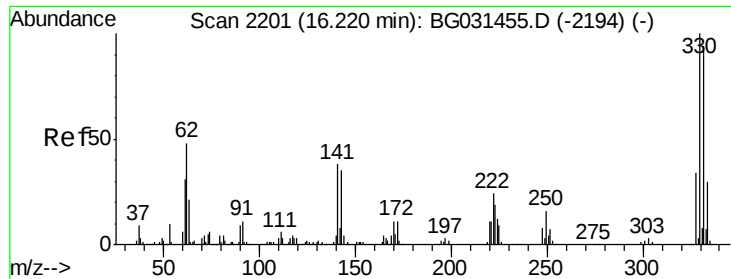
#40
 Hexachlorocyclopentadiene
 Concen: 82.639 ng
 RT: 12.90 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:	237	Resp:	218389
Ion	Ratio	Lower	Upper
237	100		
235	64.2	50.4	90.4
272	12.2	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

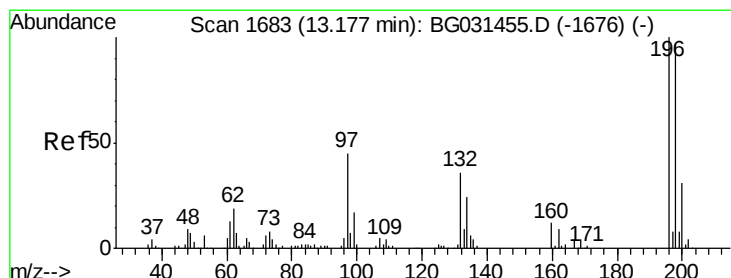
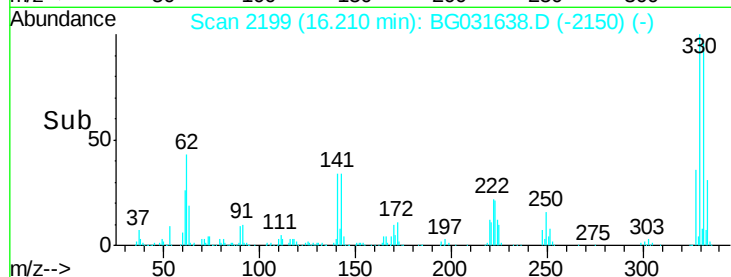
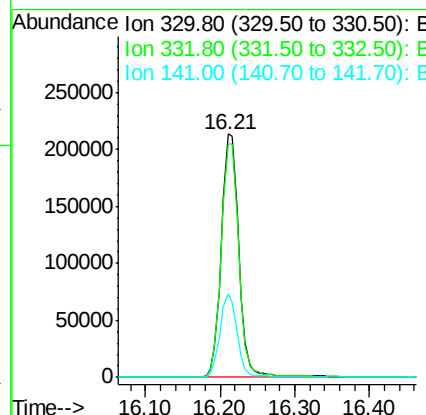
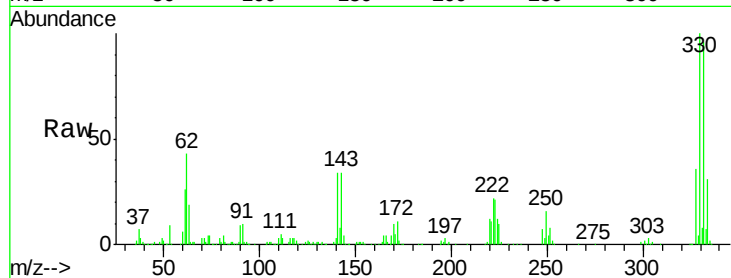




#41
 2,4,6-Tribromophenol
 Concen: 153.440 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

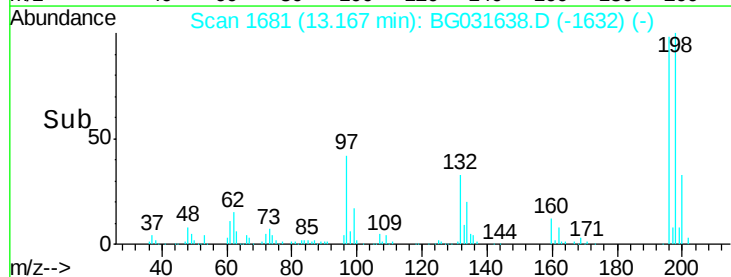
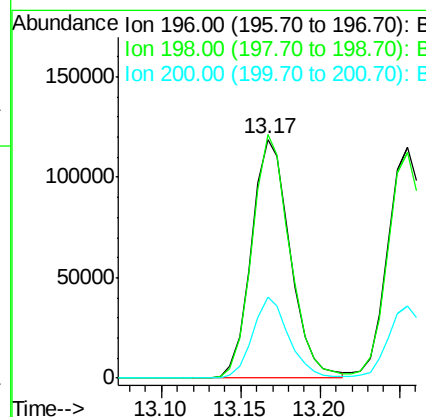
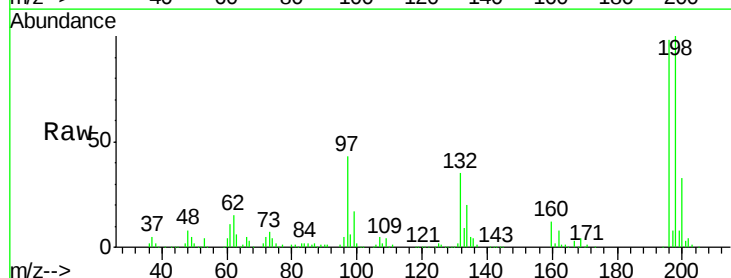
Instrument :
 BNA_G
 ClientSampled :
 PB105123BS

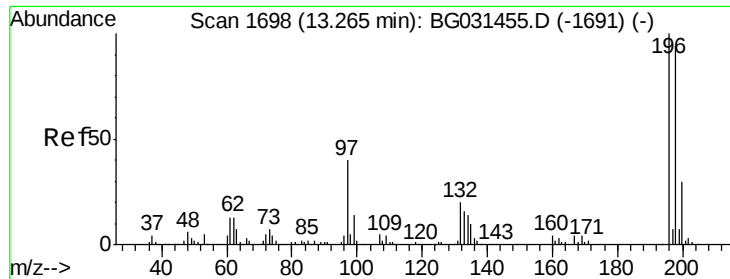
Tgt Ion:330 Resp: 347559
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.4 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 52.317 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:196 Resp: 201979
 Ion Ratio Lower Upper
 196 100
 198 102.0 78.2 117.2
 200 33.8 24.6 36.8

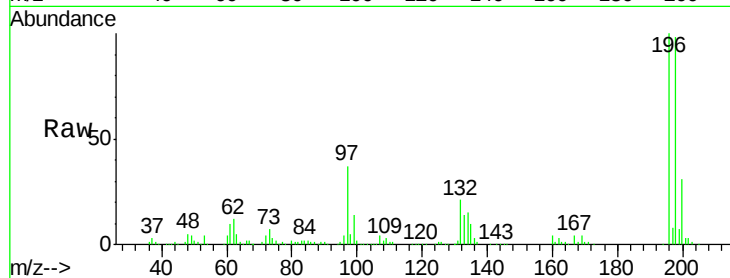




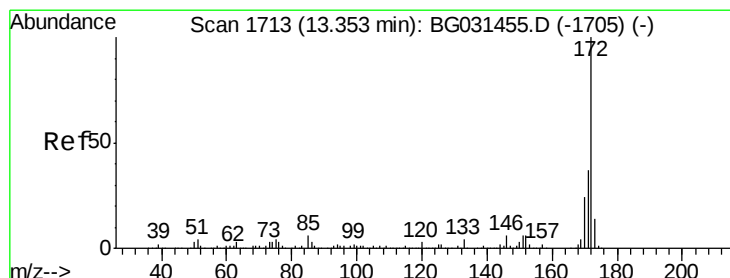
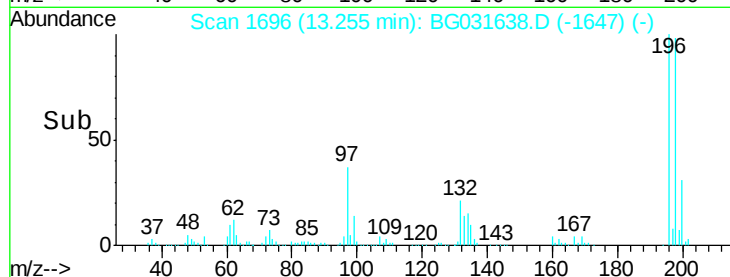
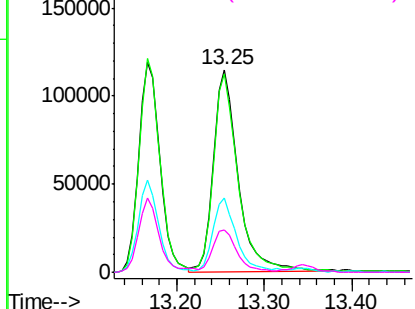
#43
 2,4,5-Trichlorophenol
 Concen: 53.560 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

Tgt Ion:196 Resp: 222741
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.4
 97 36.7 38.7 58.1#
 132 20.6 20.2 30.2

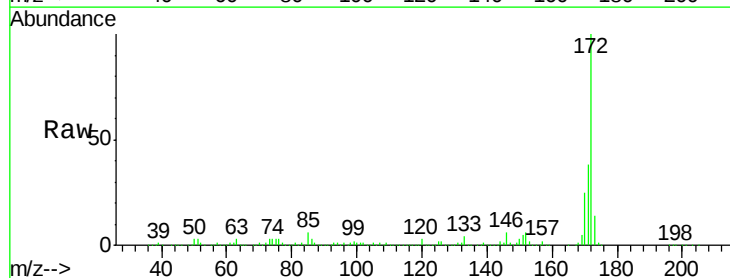


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

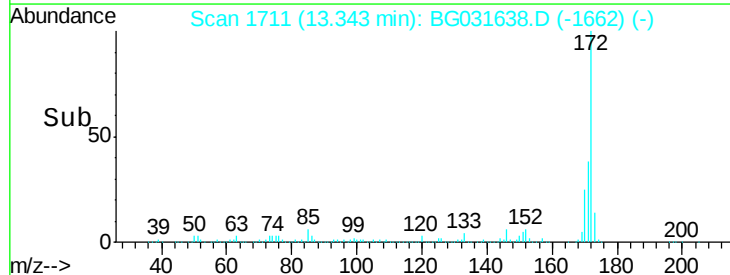
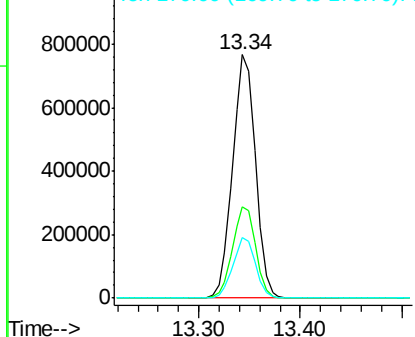


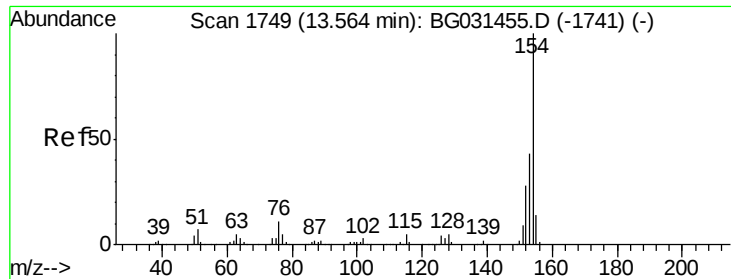
#44
 2-Fluorobiphenyl
 Concen: 91.151 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:172 Resp: 1200622
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.6 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 44.197 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

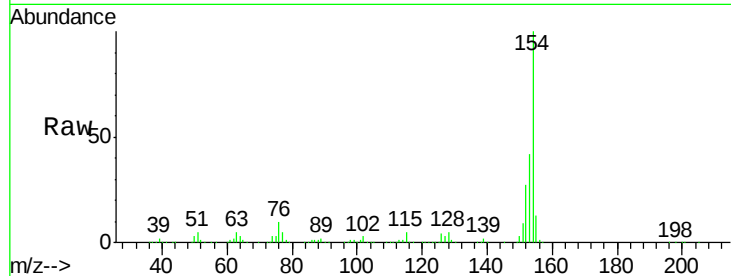
Tgt Ion:154 Resp: 701853

Ion Ratio Lower Upper

154 100

153 41.8 19.8 59.8

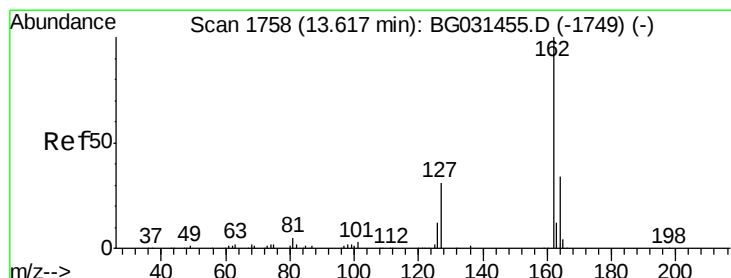
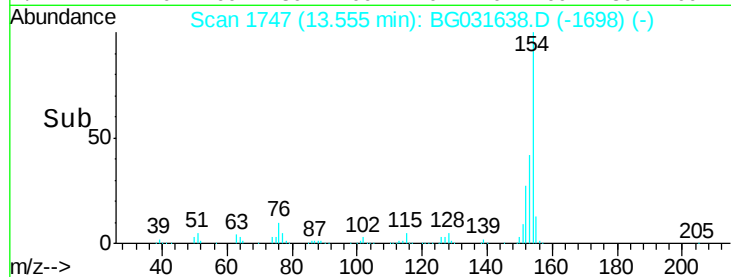
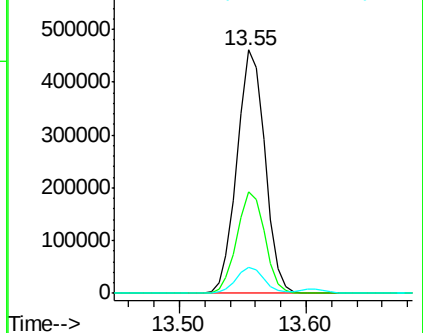
76 10.4 0.0 31.9



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: 47.589 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

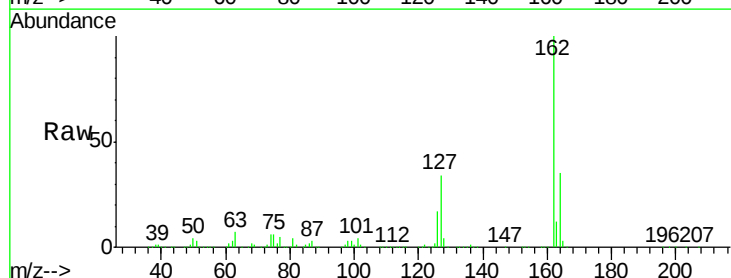
Tgt Ion:162 Resp: 553119

Ion Ratio Lower Upper

162 100

127 33.7 30.7 46.1

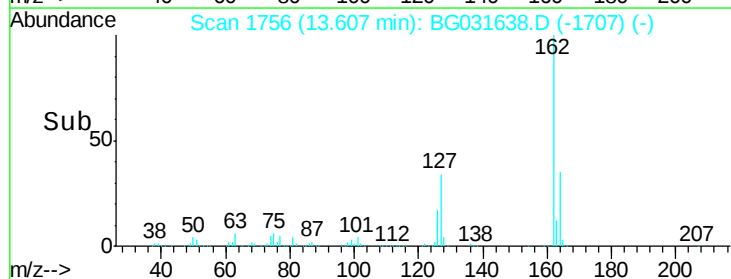
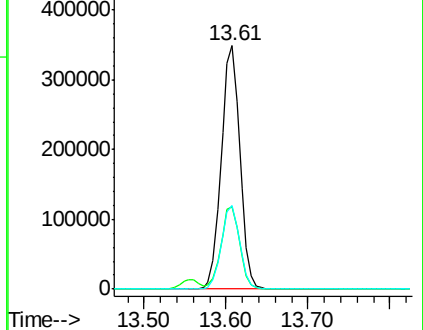
164 34.5 26.0 39.0

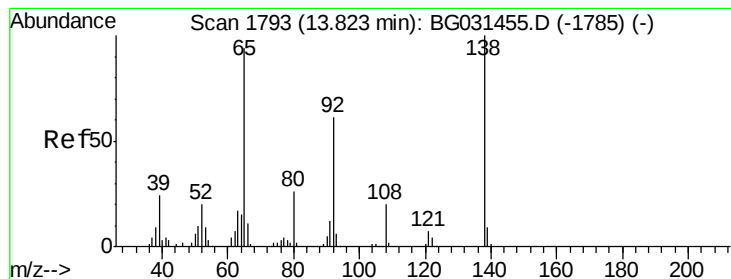


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.608 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

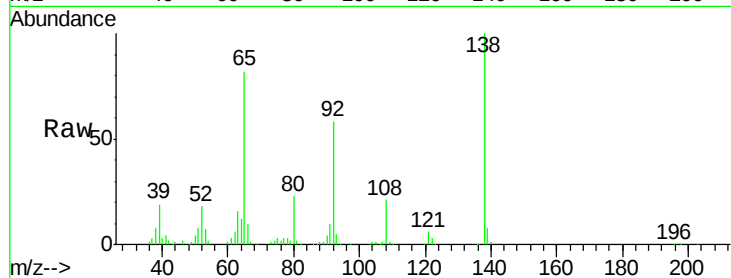
Tgt Ion: 65 Resp: 145693

Ion Ratio Lower Upper

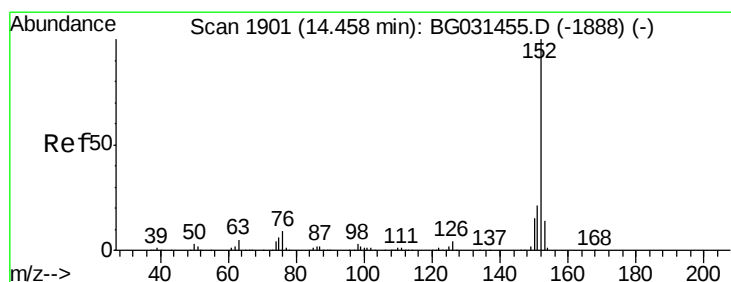
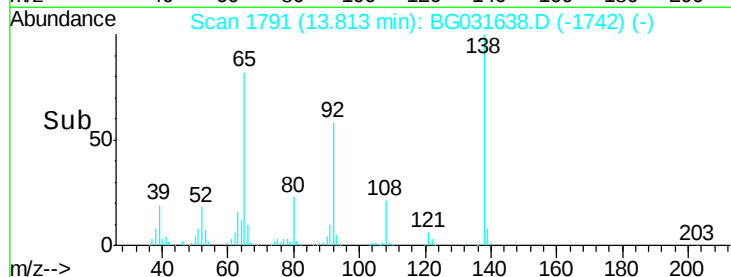
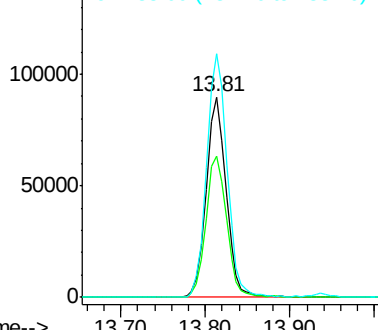
65 100

92 70.7 54.6 82.0

138 121.7 72.9 109.3#



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



#48

Acenaphthylene

Concen: 43.871 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

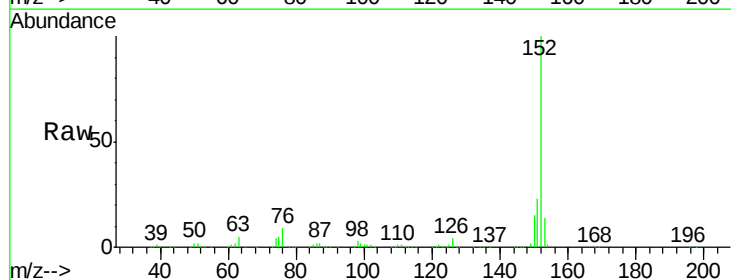
Tgt Ion: 152 Resp: 820490

Ion Ratio Lower Upper

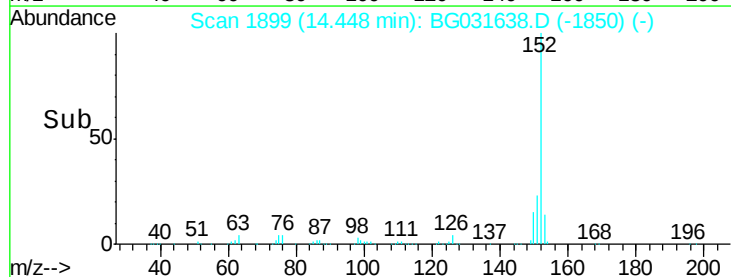
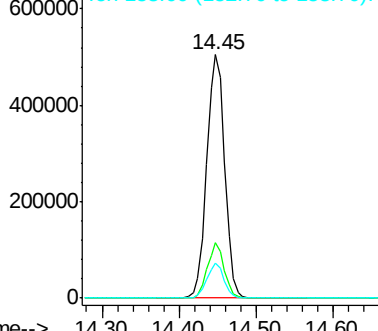
152 100

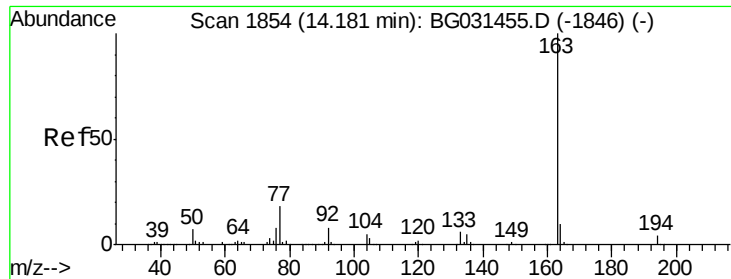
151 22.8 17.2 25.8

153 14.5 10.2 15.4



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





#49

Dimethylphthalate

Concen: 45.195 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

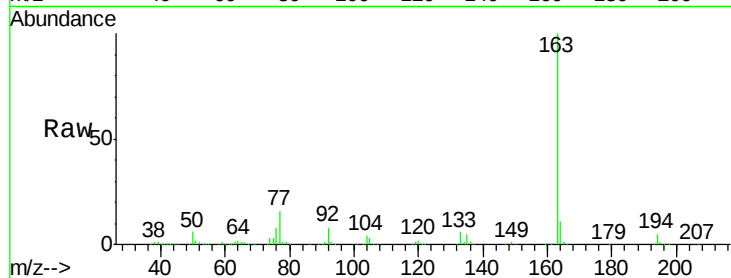
Tgt Ion:163 Resp: 723427

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 10.8 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

600000

500000

400000

300000

200000

100000

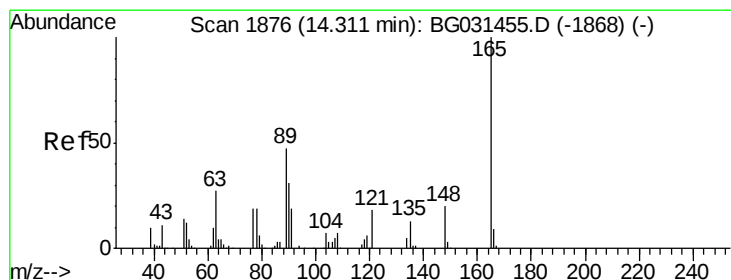
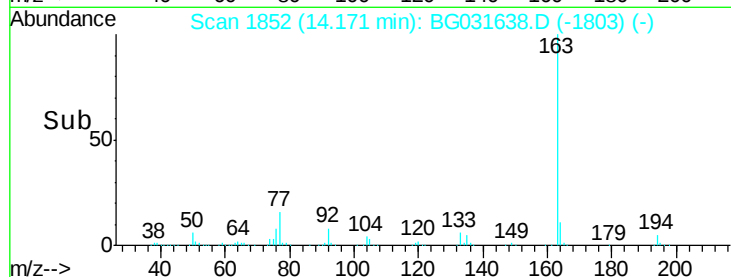
0

14.17

14.10

14.20

Time-->



#50

2,6-Dinitrotoluene

Concen: 48.661 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

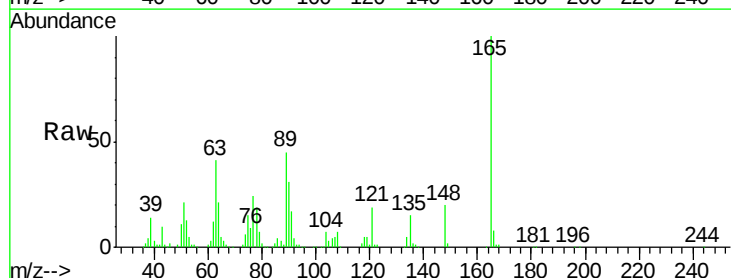
Tgt Ion:165 Resp: 166491

Ion Ratio Lower Upper

165 100

63 41.4 52.7 79.1#

89 45.2 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

150000

100000

50000

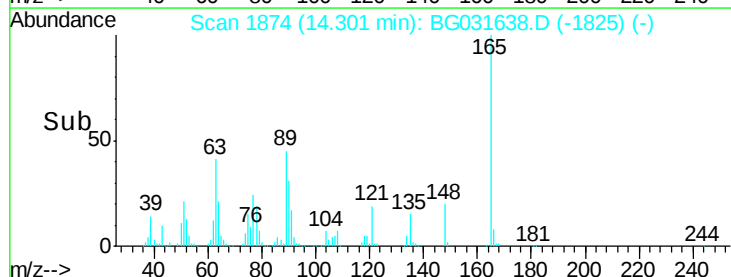
0

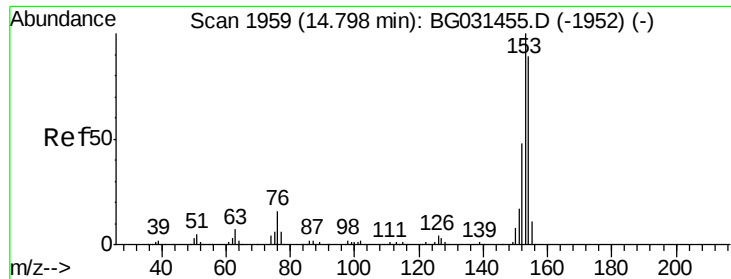
14.30

14.25

14.35

Time-->





#51

Acenaphthene

Concen: 43.612 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

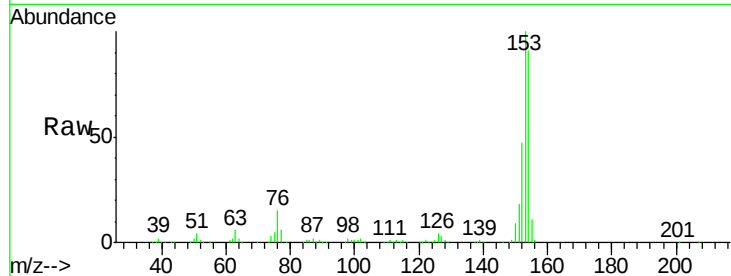
Tgt Ion:154 Resp: 515735

Ion Ratio Lower Upper

154 100

153 110.3 90.4 135.6

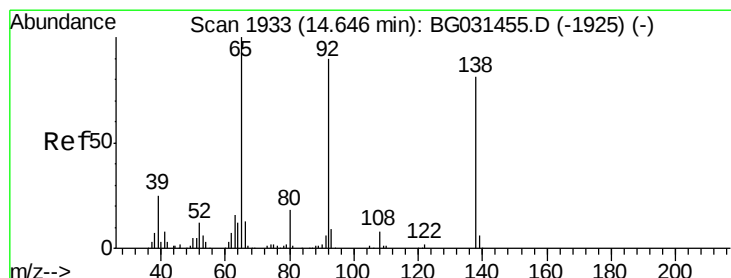
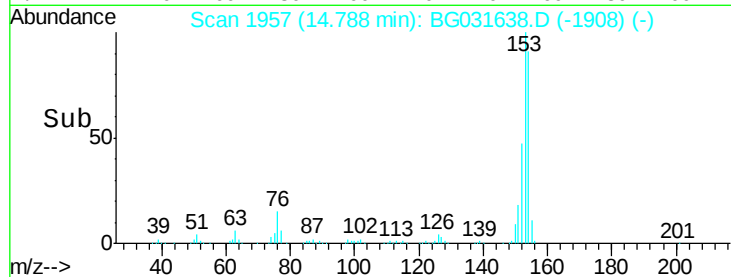
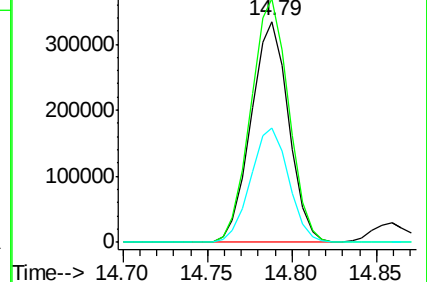
152 51.8 41.6 62.4



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: 30.022 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

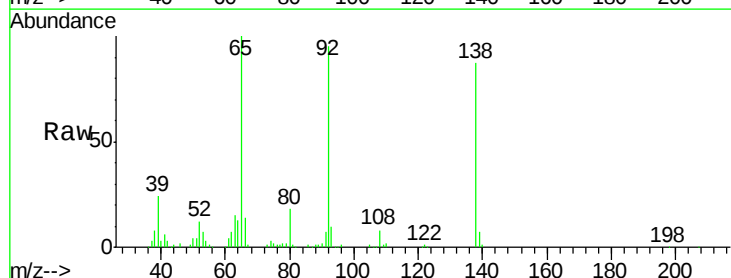
Tgt Ion:138 Resp: 104707

Ion Ratio Lower Upper

138 100

108 9.6 17.5 26.3#

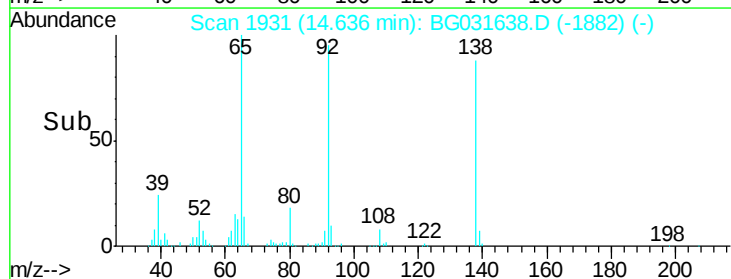
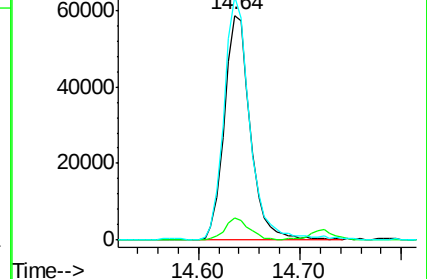
92 108.4 105.8 158.8

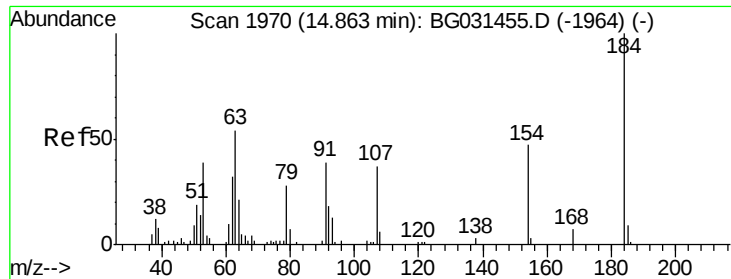


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

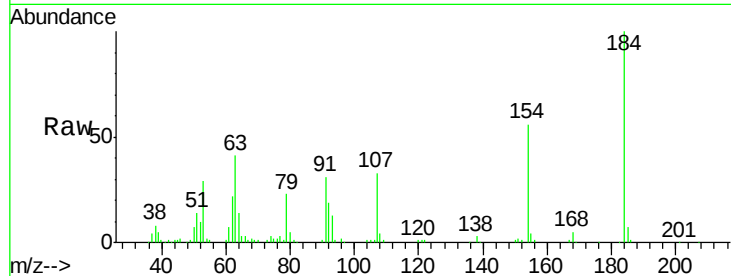




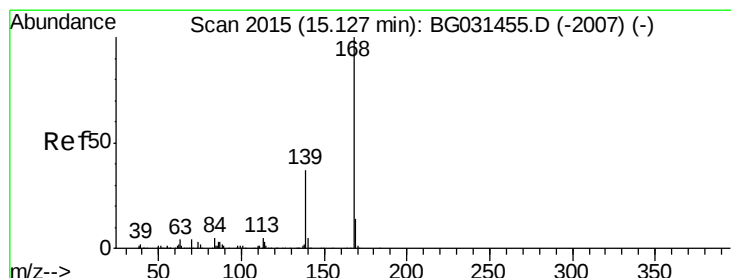
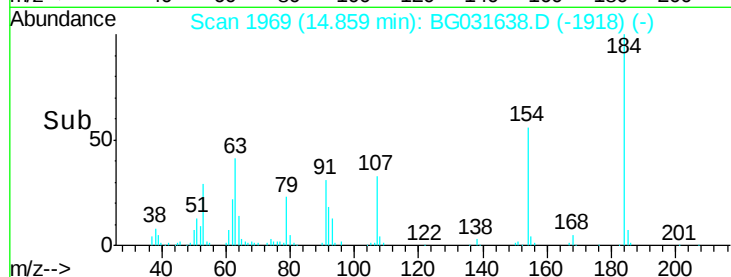
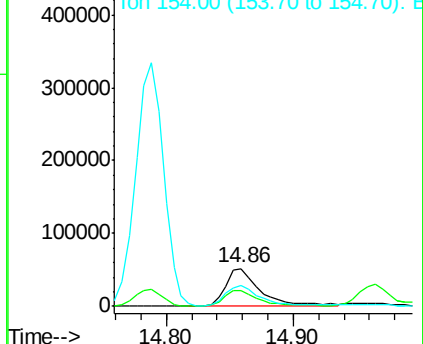
#53
 2,4-Dinitrophenol
 Concen: 70.800 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

Tgt Ion:184 Resp: 99412
 Ion Ratio Lower Upper
 184 100
 63 41.2 59.8 89.8#
 154 56.2 101.8 152.8#

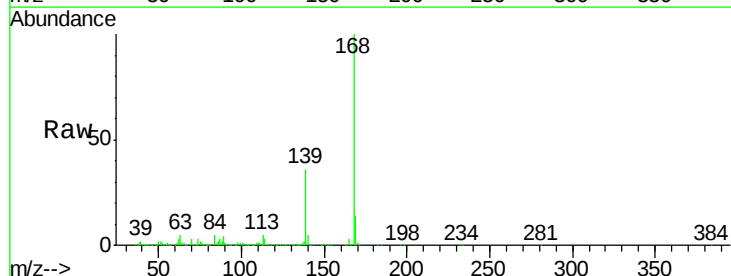


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

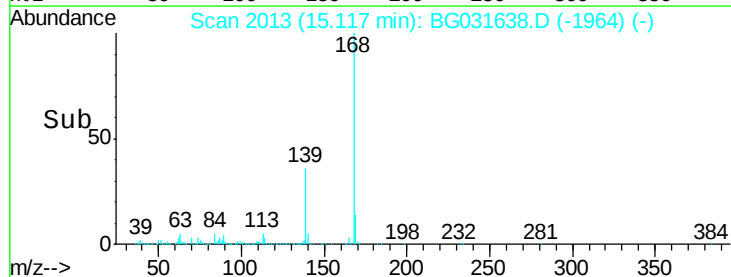
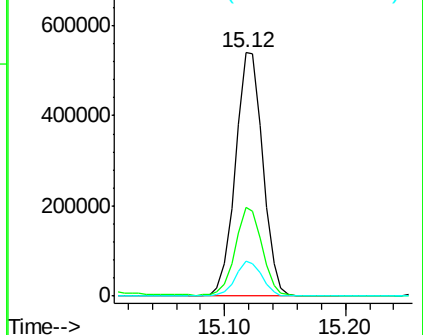


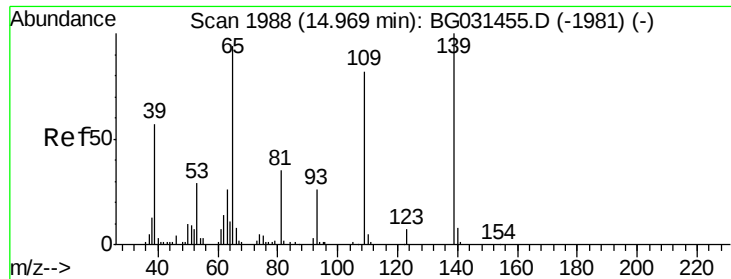
#54
 Dibenzofuran
 Concen: 45.149 ng
 RT: 15.12 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:168 Resp: 851993
 Ion Ratio Lower Upper
 168 100
 139 36.2 28.6 43.0
 169 14.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

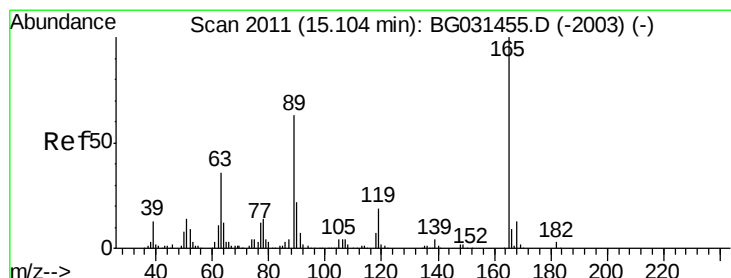
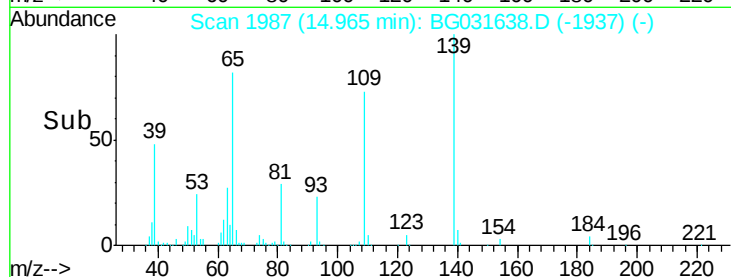
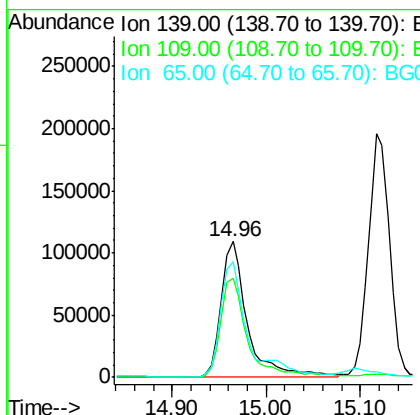
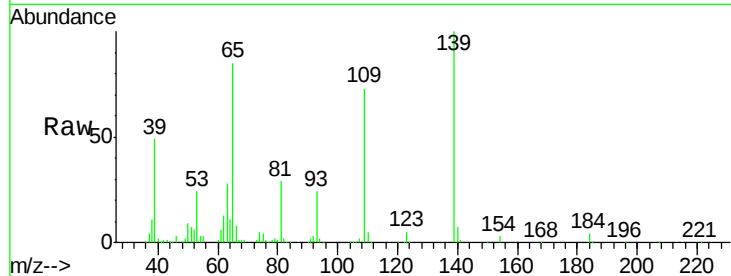




#55
4-Nitrophenol
Concen: 90.595 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

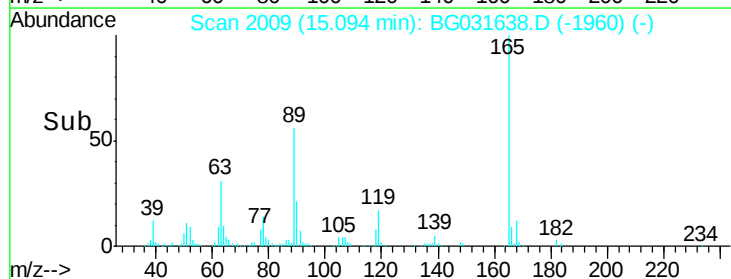
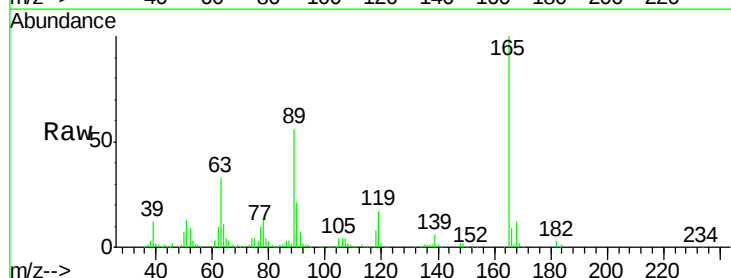
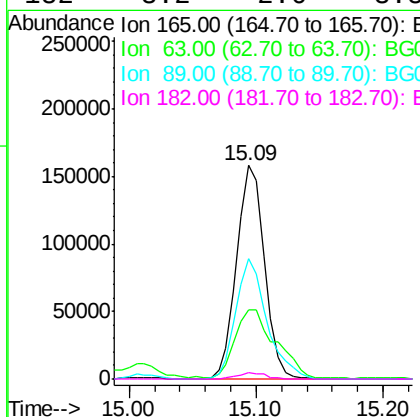
Instrument :
BNA_G
ClientSampleId :
PB105123BS

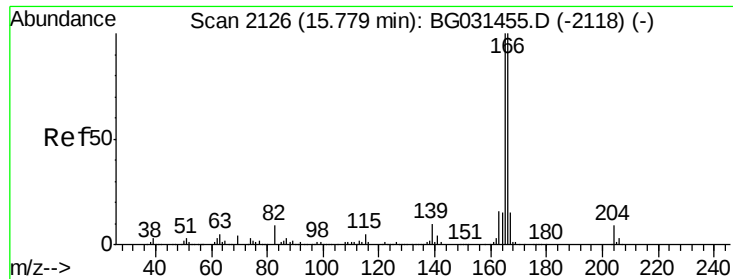
Tgt Ion:139 Resp: 214658
Ion Ratio Lower Upper
139 100
109 73.3 62.2 102.2
65 85.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 49.492 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:165 Resp: 240510
Ion Ratio Lower Upper
165 100
63 32.6 42.0 63.0#
89 56.1 66.9 100.3#
182 3.2 2.6 3.8

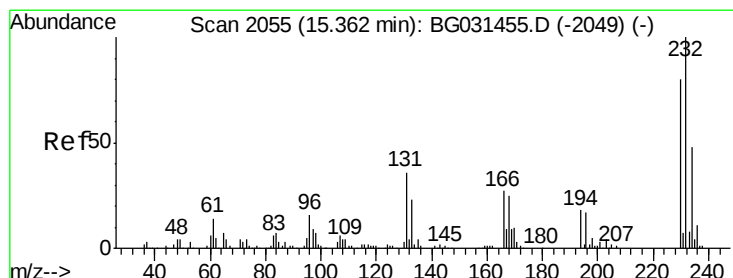
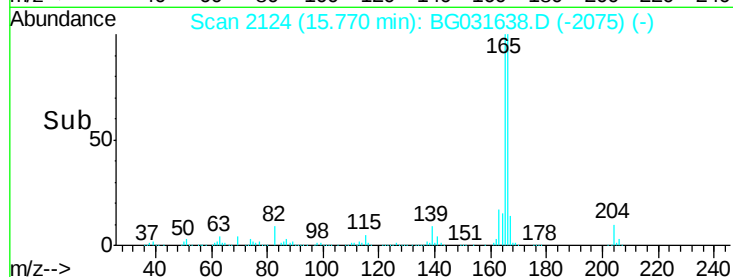
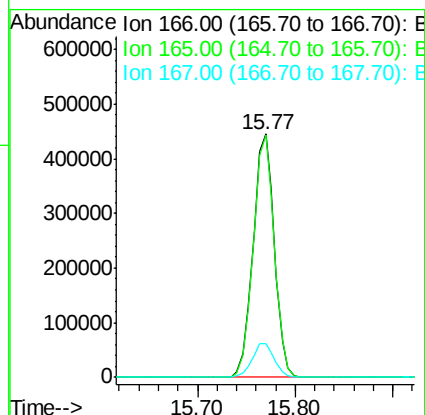
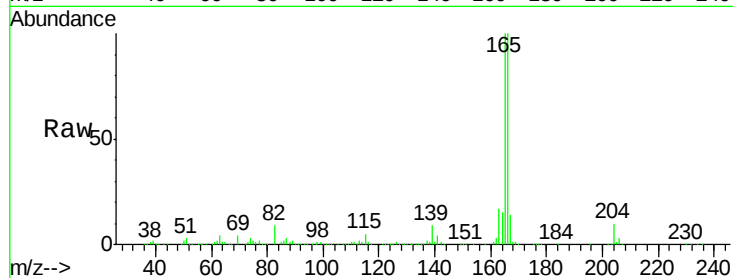




#57
 Fluorene
 Concen: 44.786 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

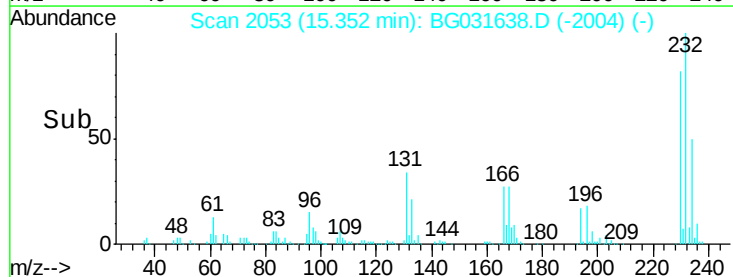
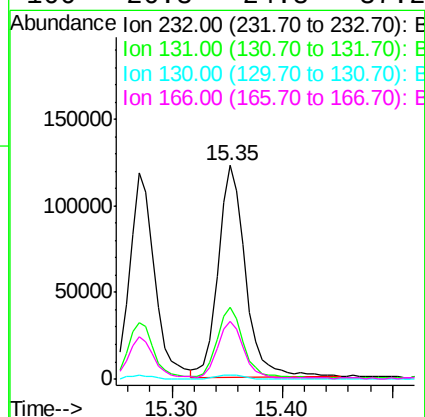
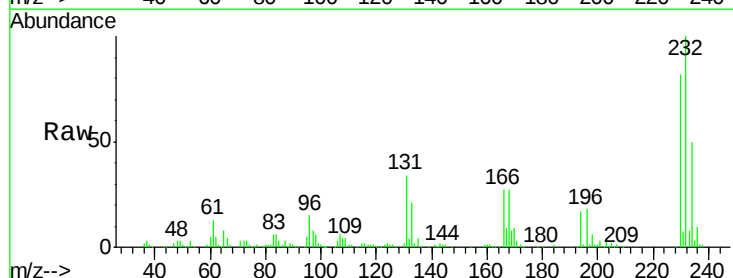
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

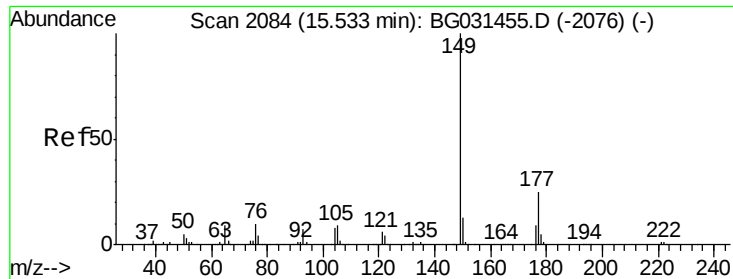
Tgt Ion:166 Resp: 677171
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.6 121.0
 167 14.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.741 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:232 Resp: 210075
 Ion Ratio Lower Upper
 232 100
 131 32.1 33.5 50.3#
 130 1.9 2.2 3.2#
 166 26.3 24.8 37.2

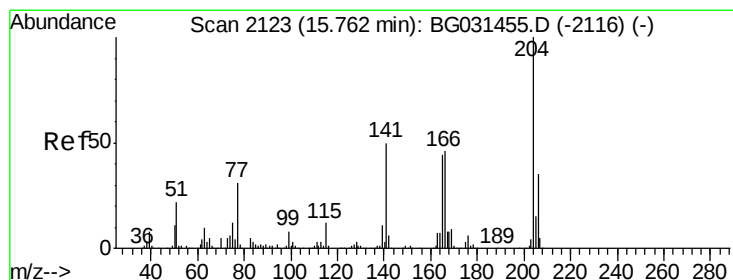
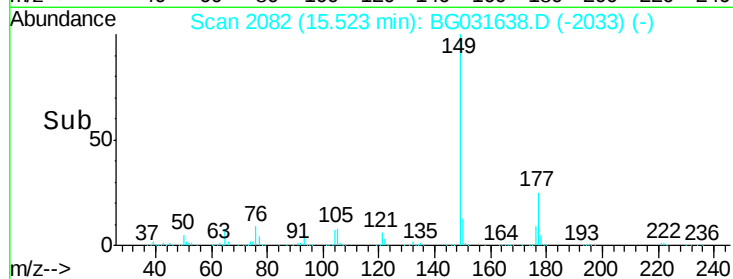
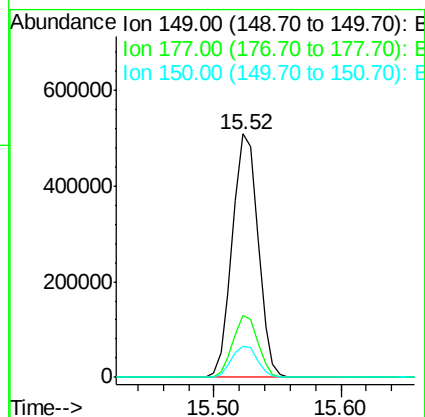
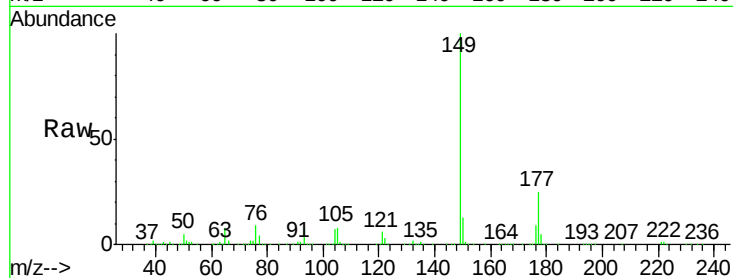




#59
Diethylphthalate
Concen: 44.516 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

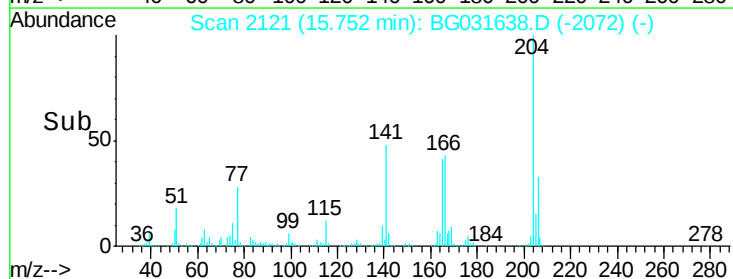
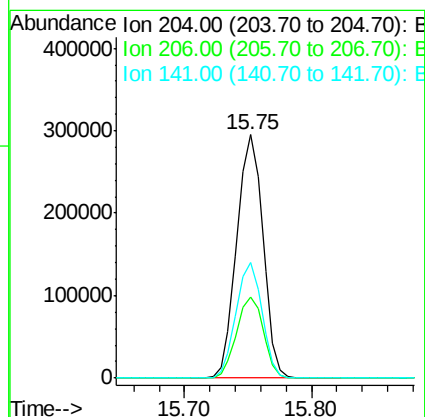
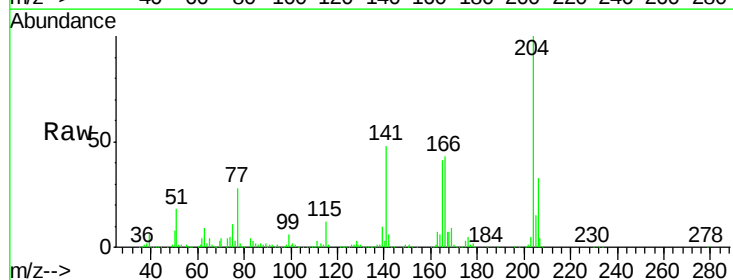
Instrument :
BNA_G
ClientSampleId :
PB105123BS

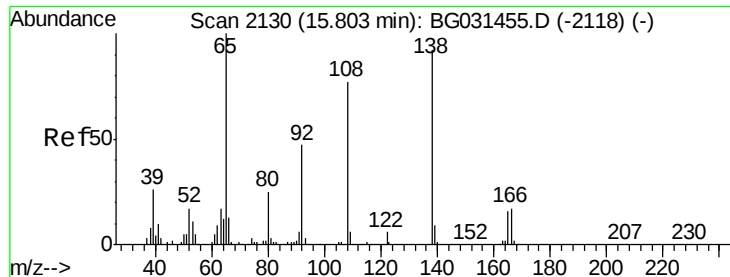
Tgt Ion:149 Resp: 714248
Ion Ratio Lower Upper
149 100
177 25.2 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.531 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:204 Resp: 421201
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 47.5 45.8 68.6

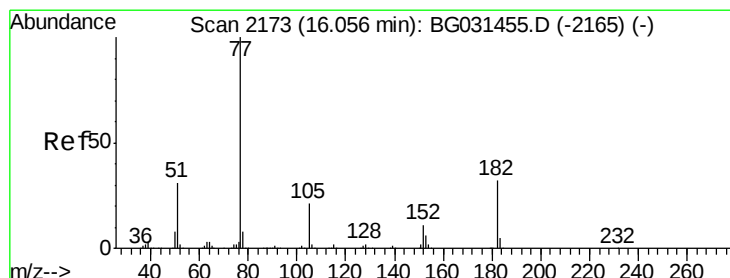
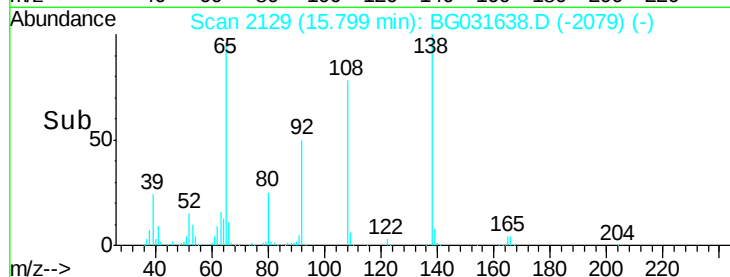
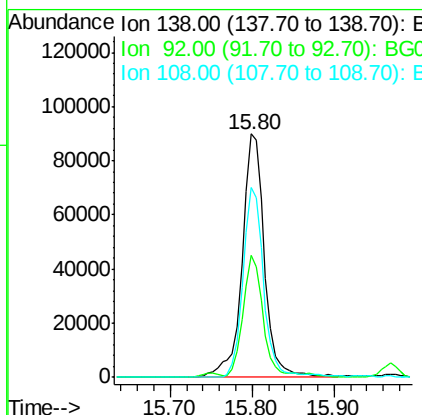
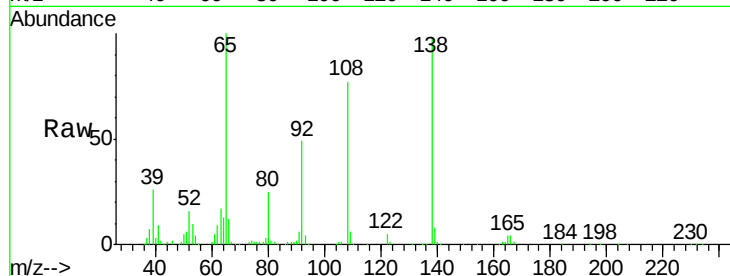




#61
4-Nitroaniline
Concen: 46.707 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

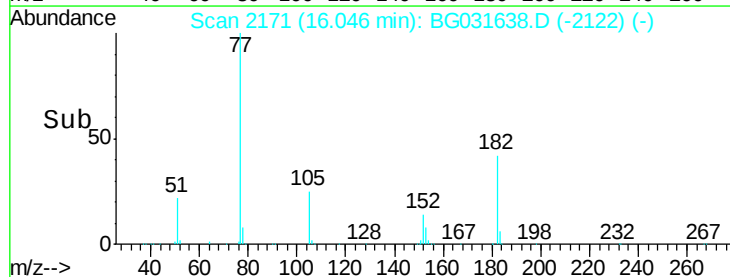
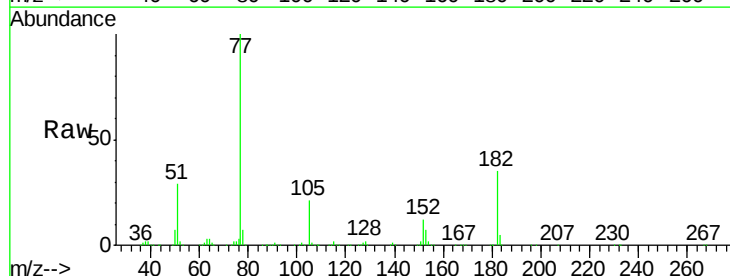
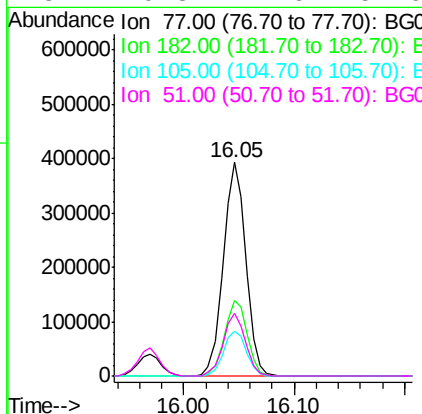
Instrument :
BNA_G
ClientSampleId :
PB105123BS

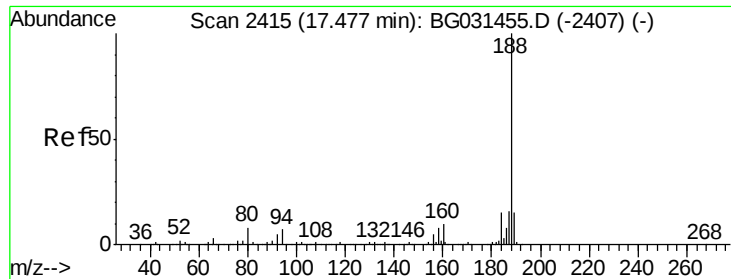
Tgt Ion: 138 Resp: 170950
Ion Ratio Lower Upper
138 100
92 50.0 40.1 80.1
108 78.0 65.4 105.4



#62
Azobenzene
Concen: 41.904 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion: 77 Resp: 556953
Ion Ratio Lower Upper
77 100
182 35.3 7.4 47.4
105 20.9 0.3 40.3
51 29.3 11.6 51.6

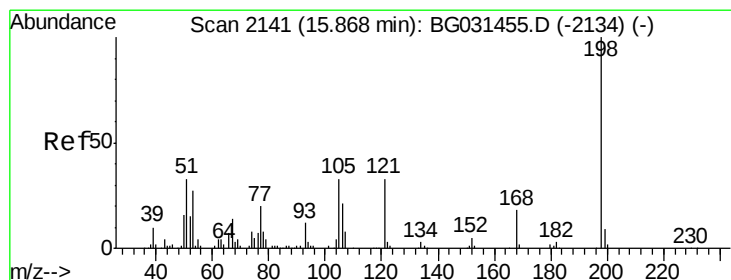
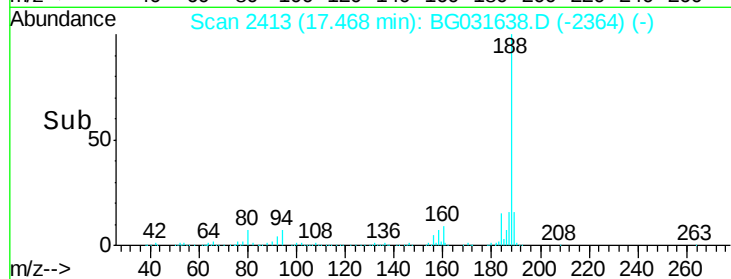
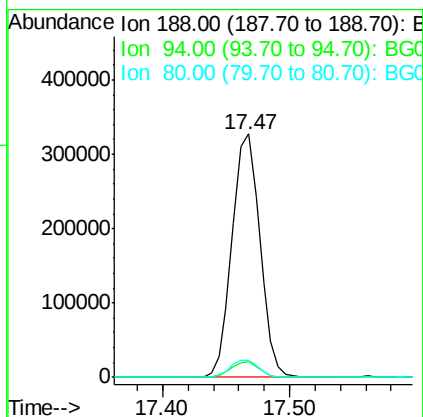
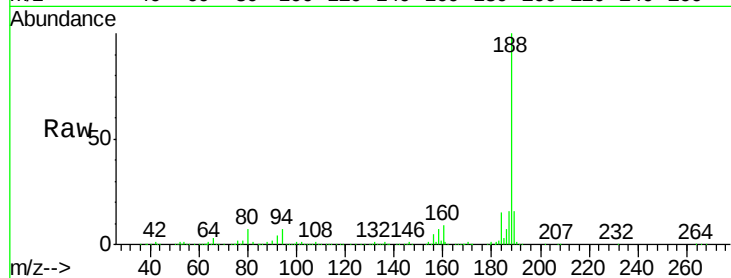




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

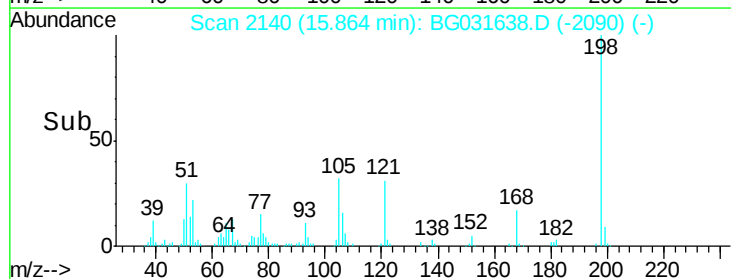
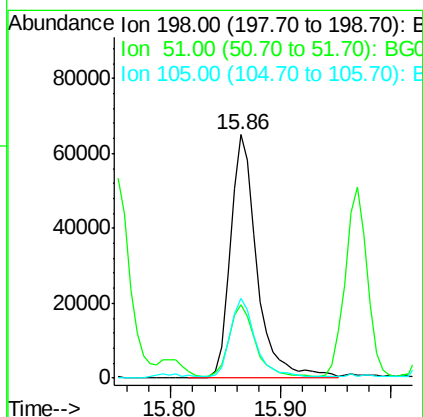
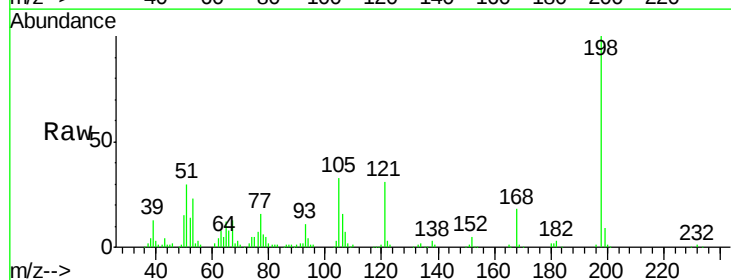
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

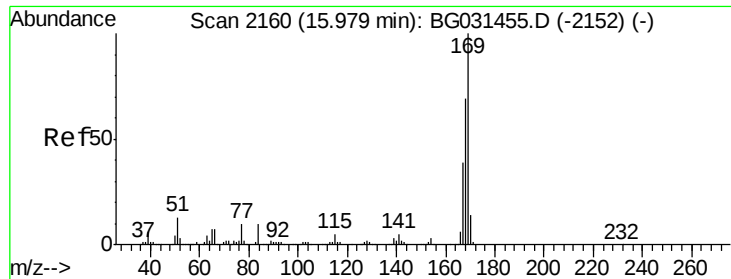
Tgt Ion:188 Resp: 498231
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 7.2 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.664 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:198 Resp: 110031
 Ion Ratio Lower Upper
 198 100
 51 30.4 30.6 70.6#
 105 32.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 43.769 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

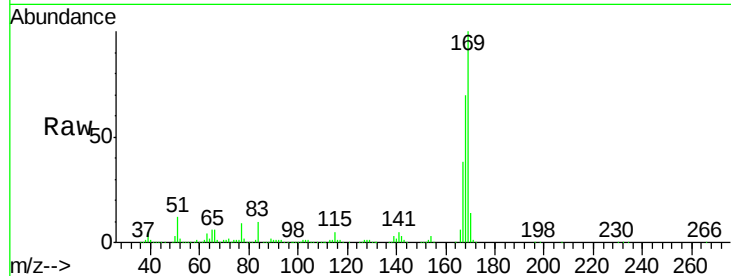
Tgt Ion:169 Resp: 638296

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

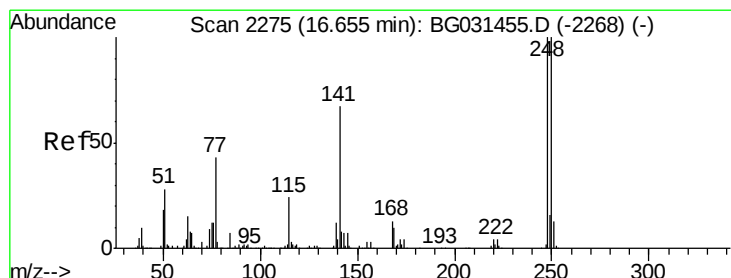
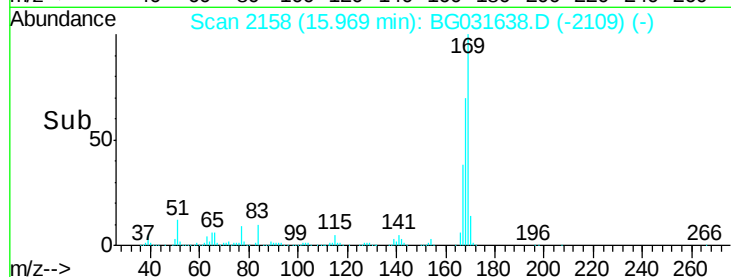
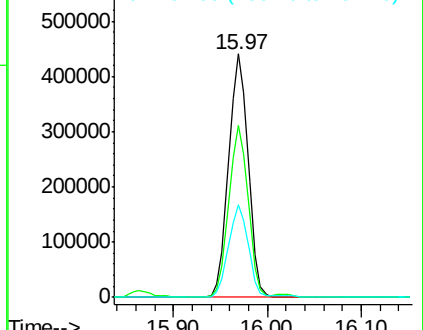
167 38.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.477 ng

RT: 16.65 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

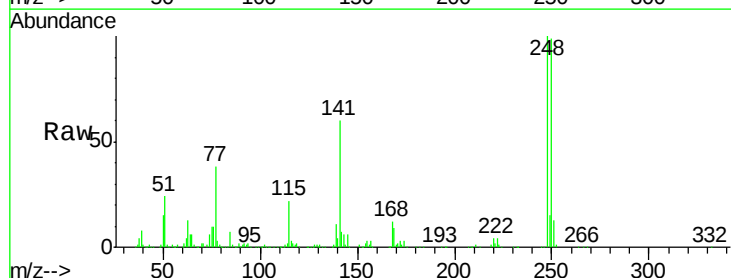
Tgt Ion:248 Resp: 280854

Ion Ratio Lower Upper

248 100

250 99.1 77.1 115.7

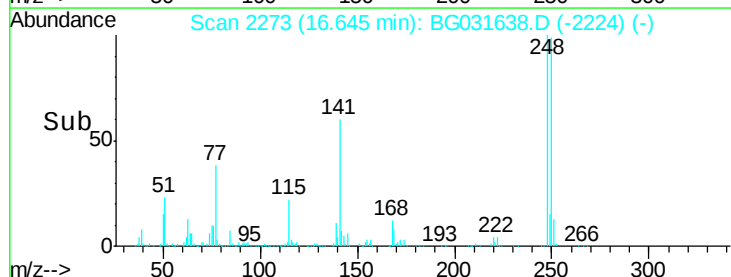
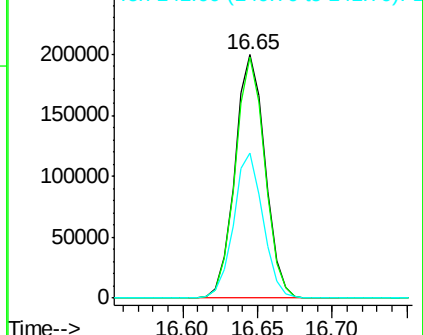
141 59.8 50.8 76.2

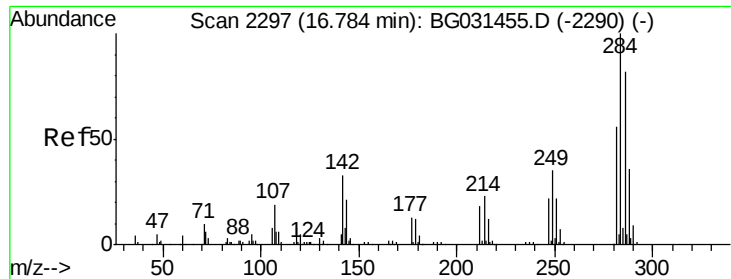


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.810 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

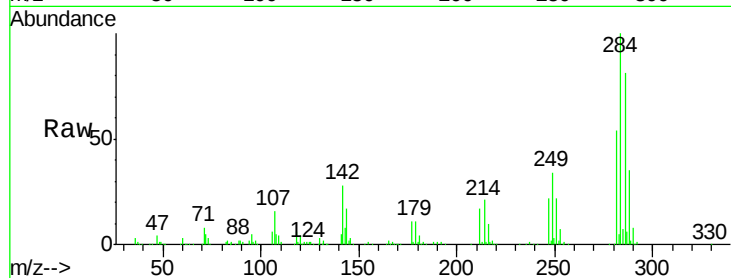
Tgt Ion:284 Resp: 292007

Ion Ratio Lower Upper

284 100

142 28.2 26.8 40.2

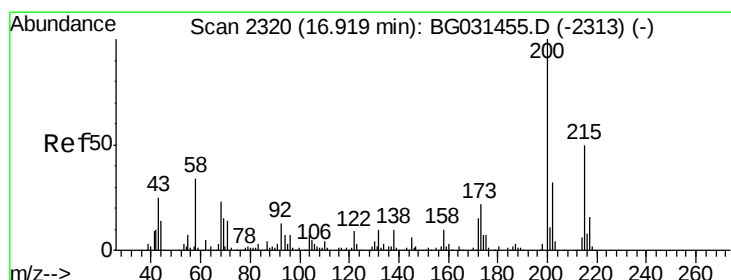
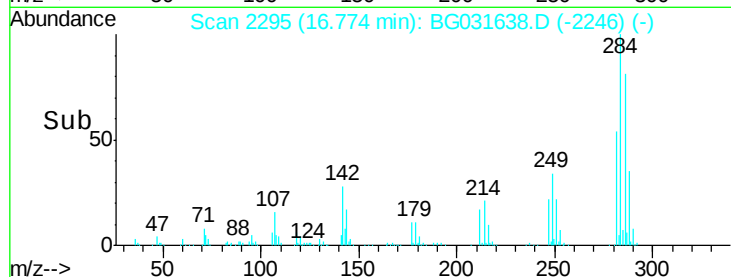
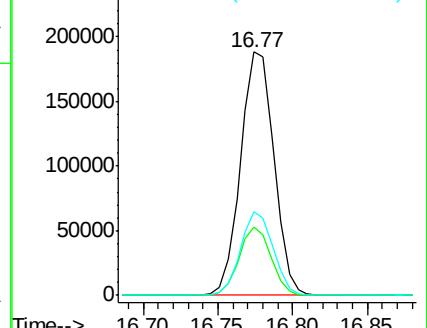
249 34.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.999 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

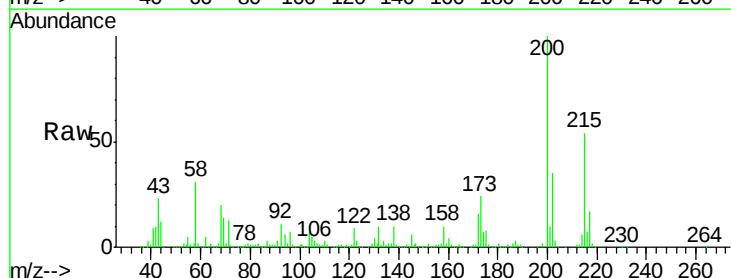
Tgt Ion:200 Resp: 282608

Ion Ratio Lower Upper

200 100

173 23.5 5.2 45.2

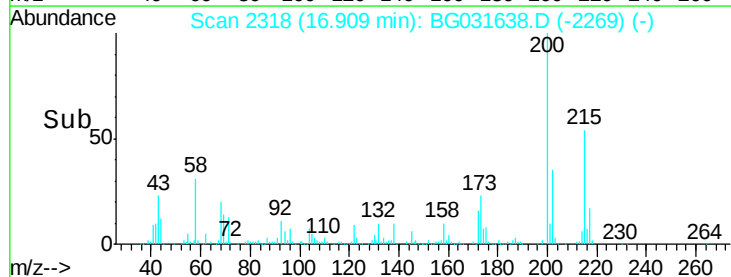
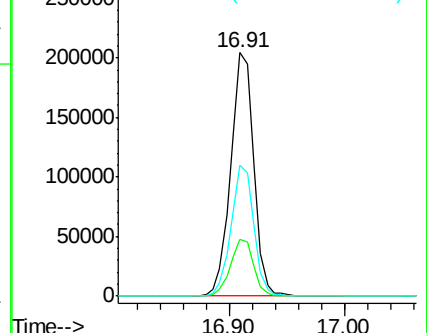
215 53.7 30.4 70.4

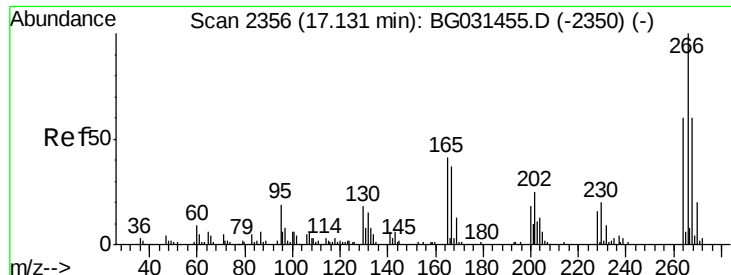


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.599 ng

RT: 17.13 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

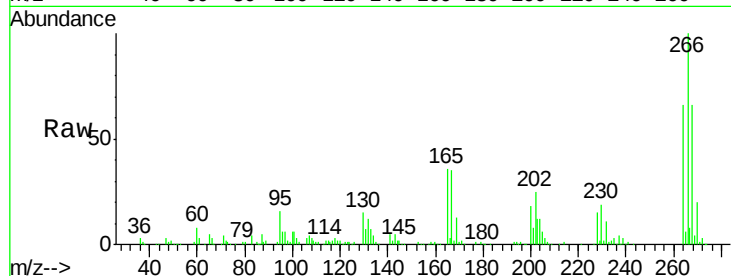
Tgt Ion:266 Resp: 194777

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

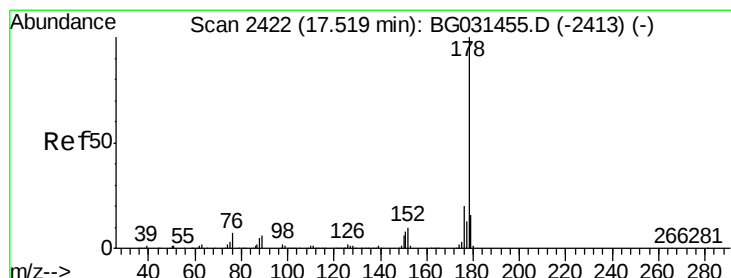
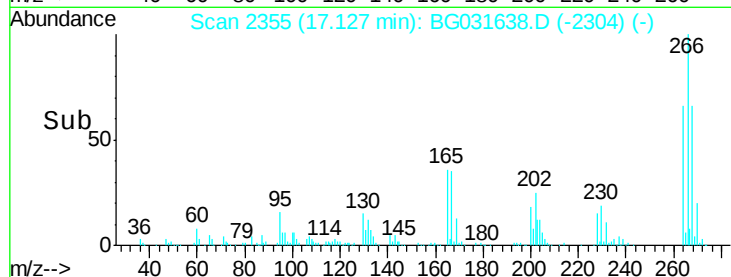
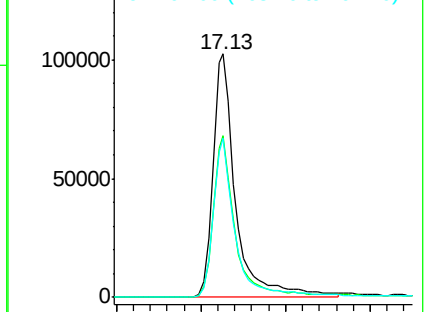
264 65.5 49.6 74.4



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: 44.975 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

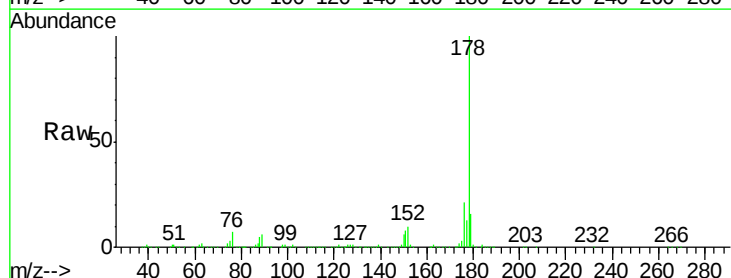
Tgt Ion:178 Resp: 1170268

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

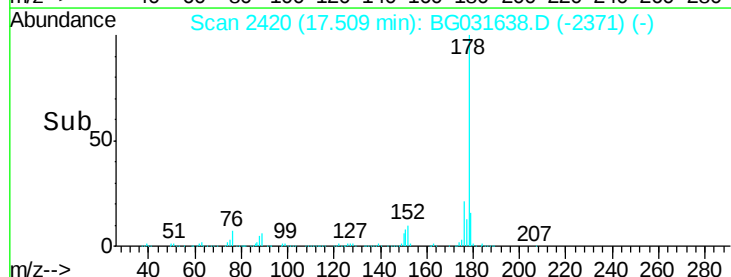
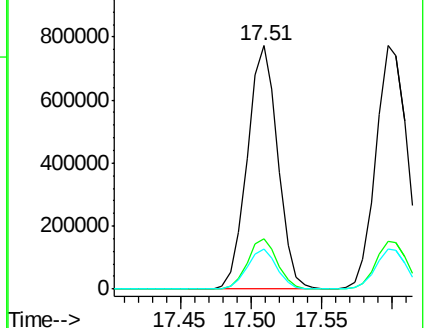
179 16.3 12.5 18.7

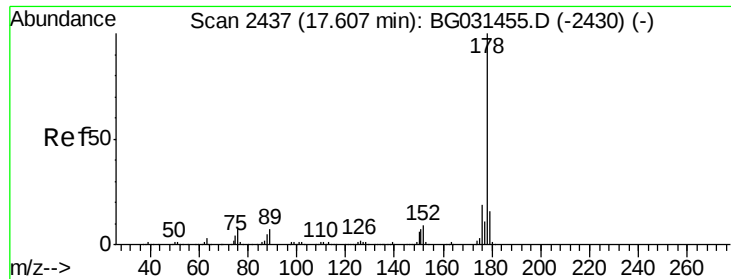


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

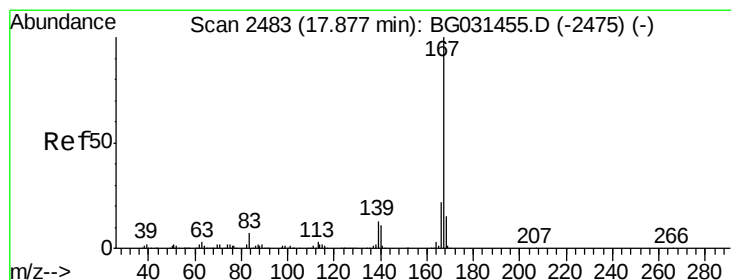
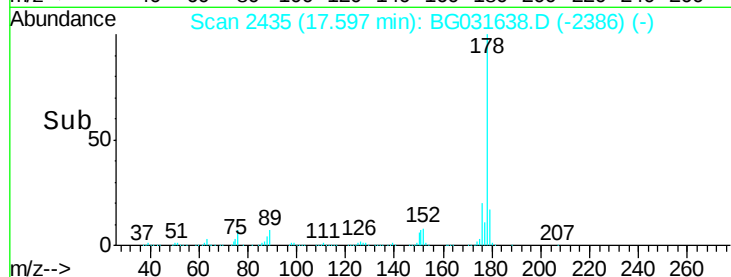
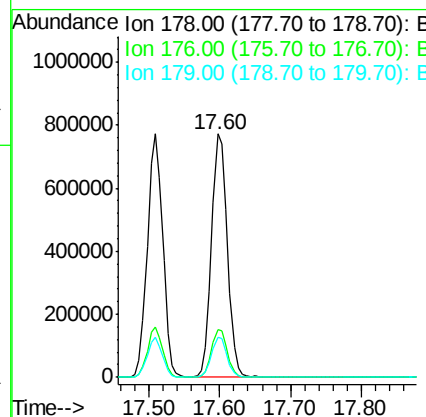
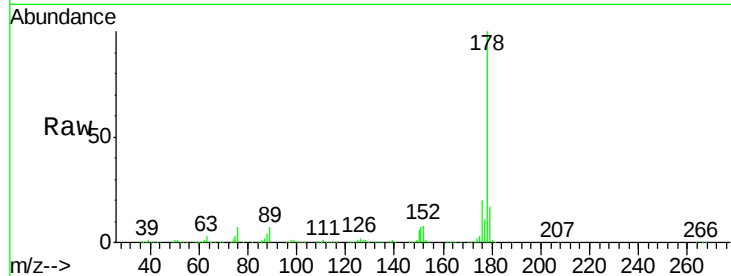




#71
 Anthracene
 Concen: 46.909 ng
 RT: 17.60 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

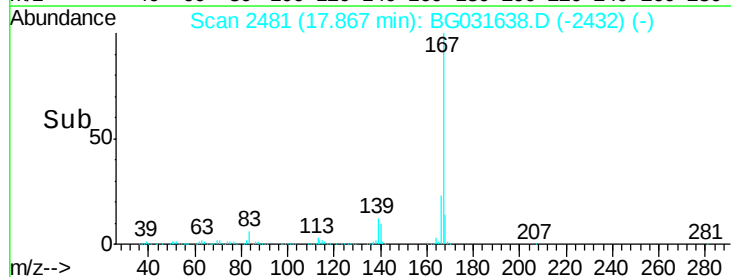
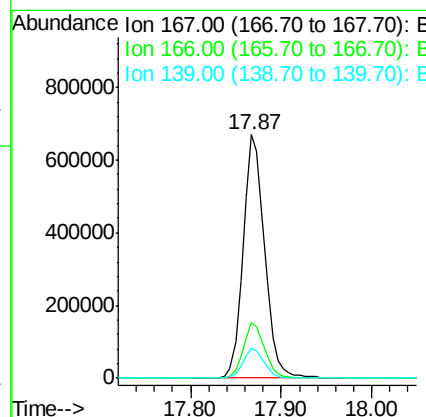
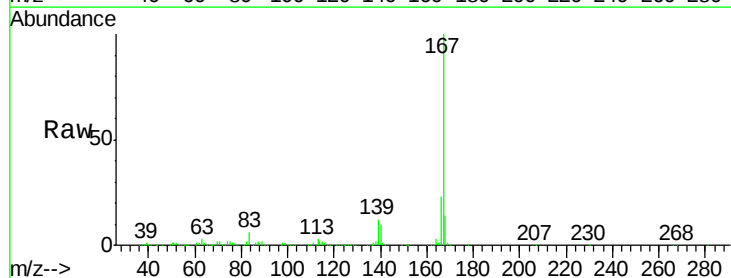
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

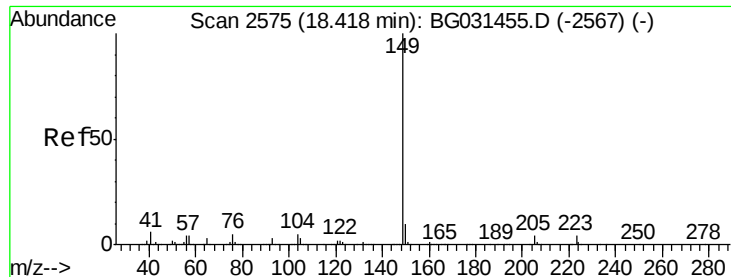
Tgt Ion:178 Resp: 1207202
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 47.567 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:167 Resp: 1107780
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 12.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.776 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

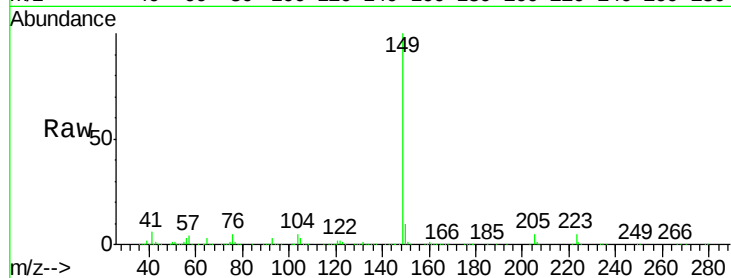
Tgt Ion:149 Resp: 1231118

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.6

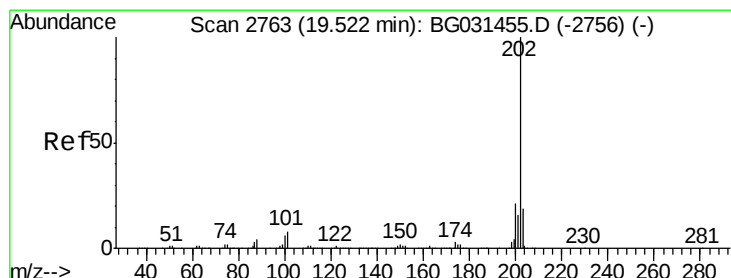
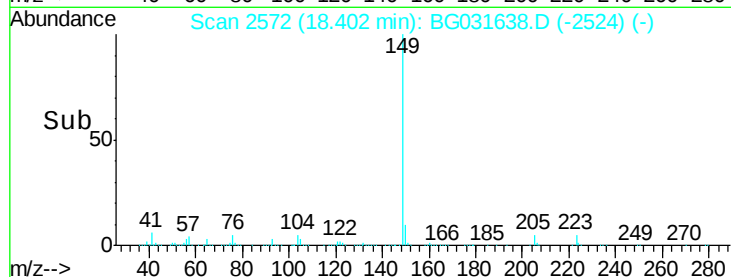
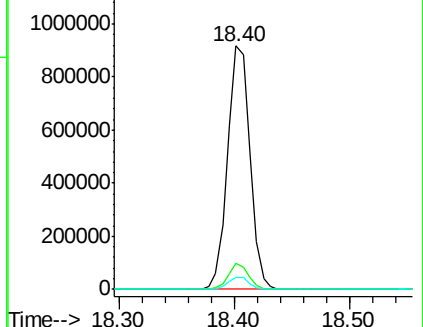
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.264 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

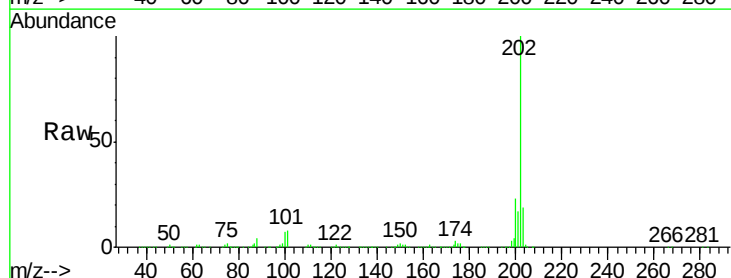
Tgt Ion:202 Resp: 1539126

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.9

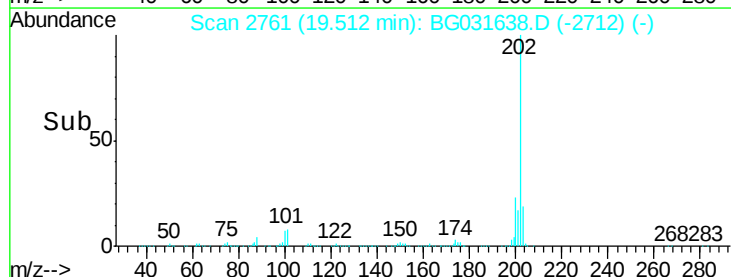
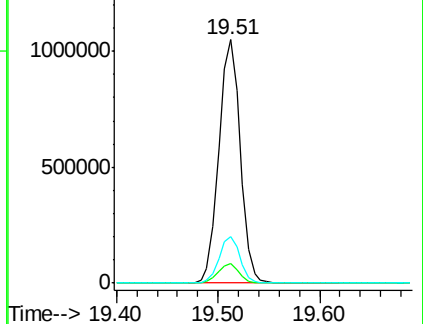
203 19.3 0.0 37.5

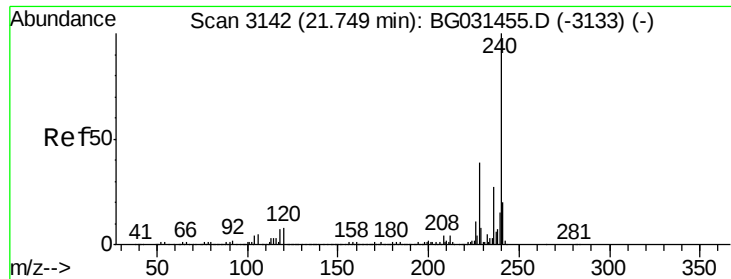


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

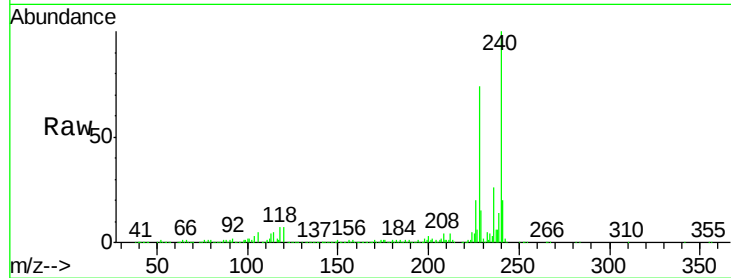
Tgt Ion:240 Resp: 551034

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

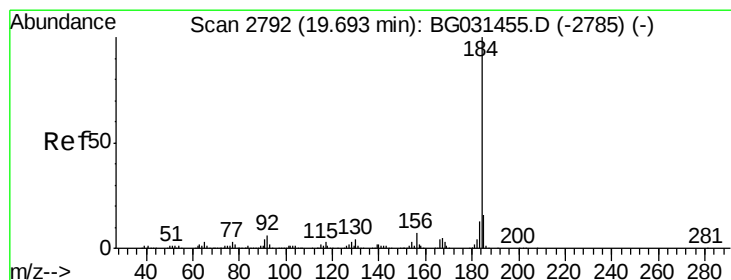
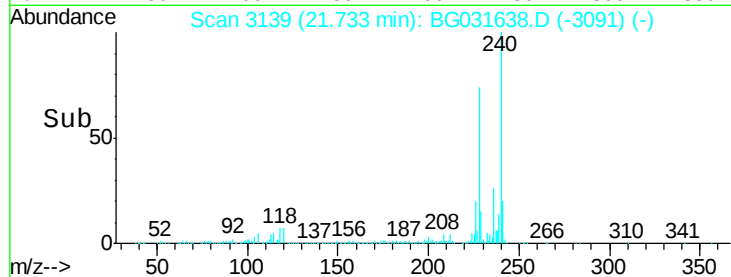
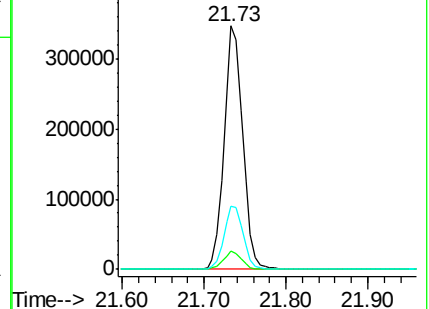
236 26.1 20.9 31.3



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: 52.581 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

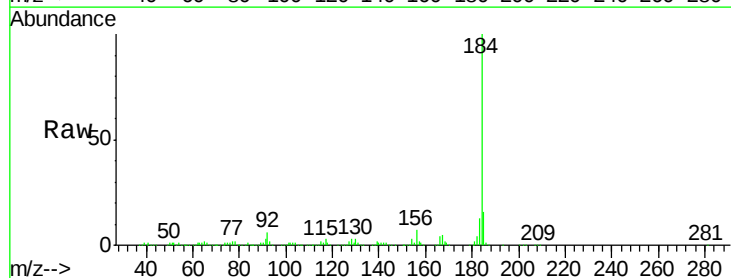
Tgt Ion:184 Resp: 674278

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

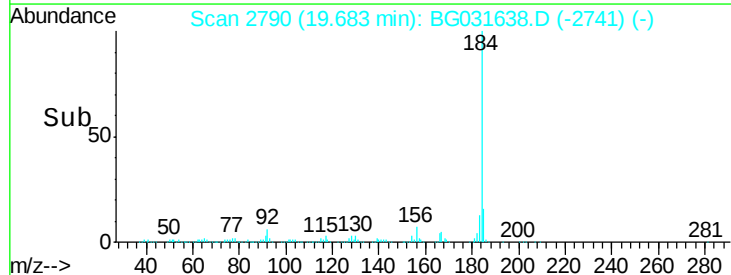
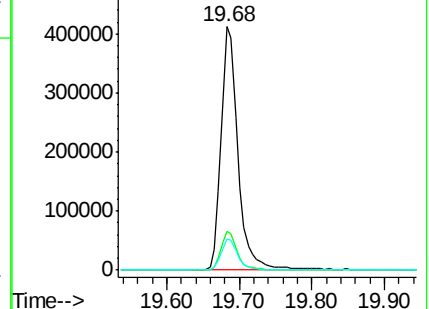
183 12.8 10.6 16.0

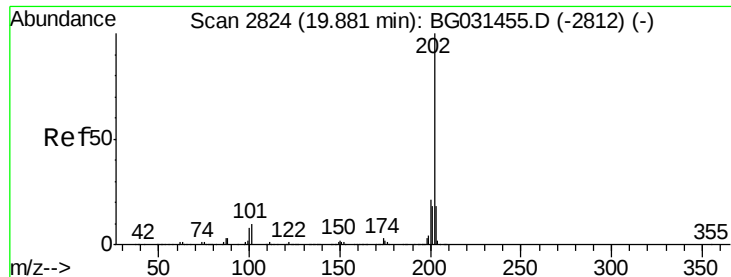


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

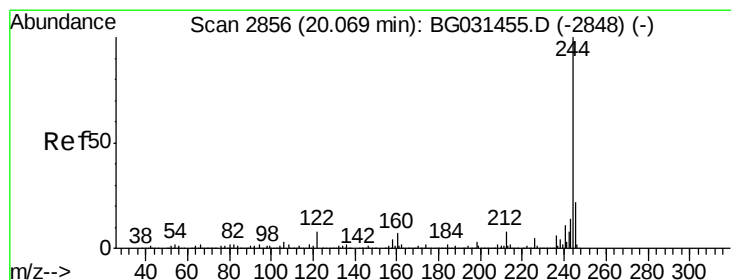
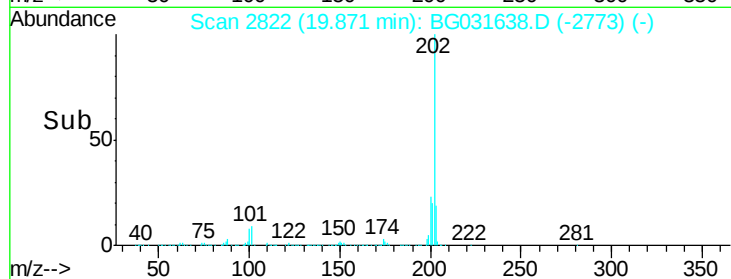
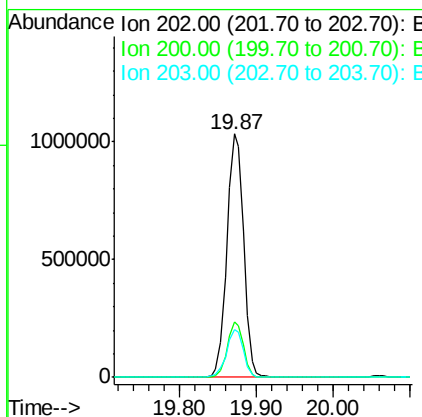
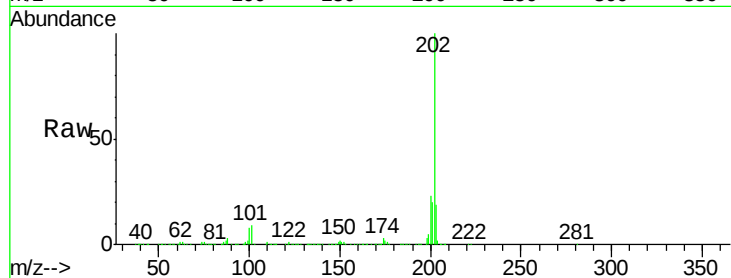




#77
 Pyrene
 Concen: 45.743 ng
 RT: 19.87 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

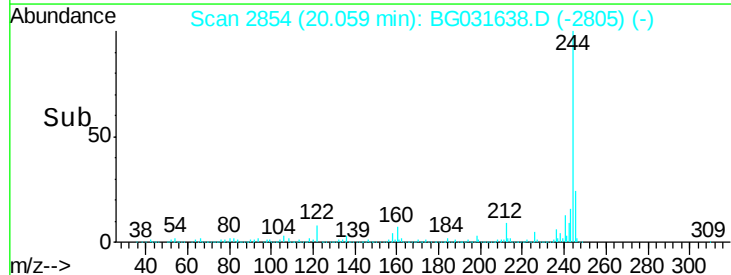
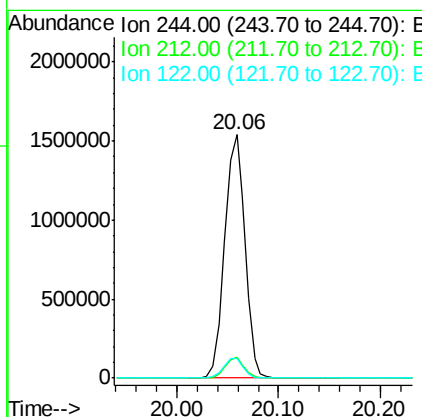
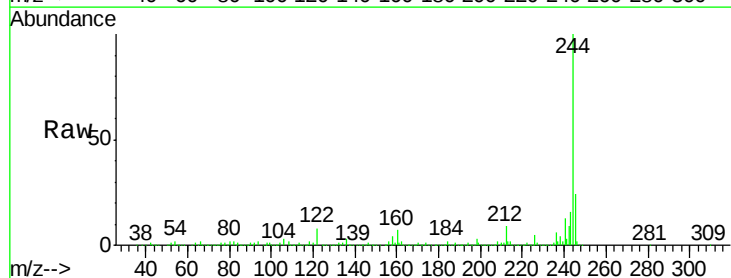
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

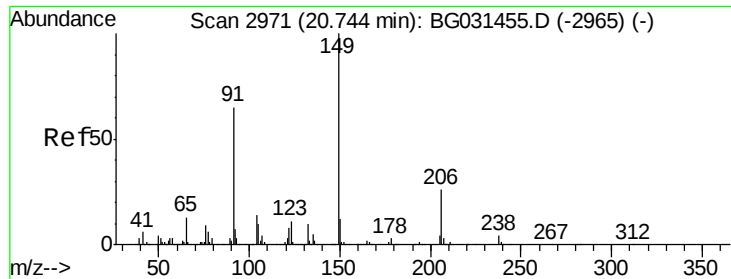
Tgt Ion:202 Resp: 1566198
 Ion Ratio Lower Upper
 202 100
 200 22.6 16.9 25.3
 203 19.4 13.9 20.9



#78
 Terphenyl-d14
 Concen: 88.092 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:244 Resp: 2133544
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 8.3 7.0 10.4

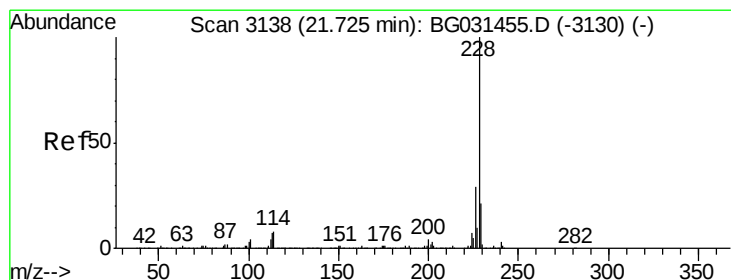
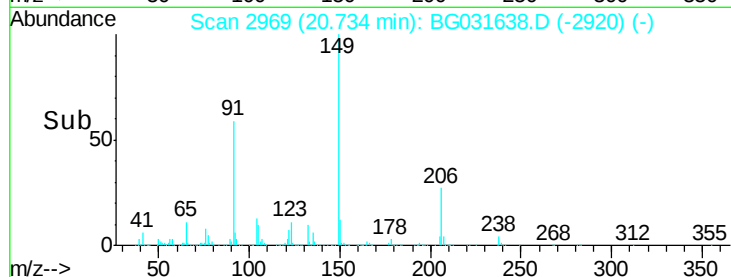
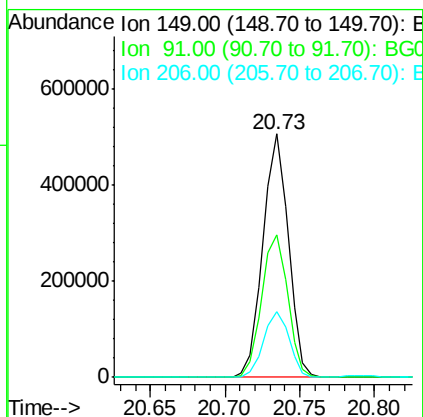
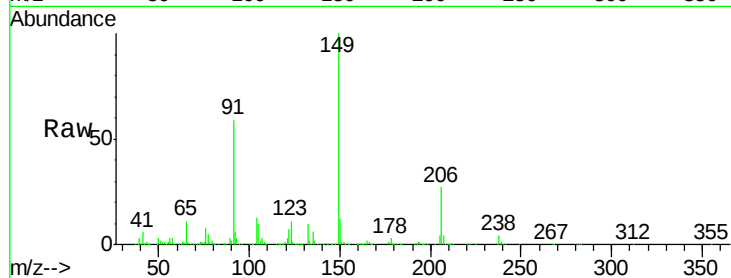




#79
Butylbenzylphthalate
Concen: 49.429 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

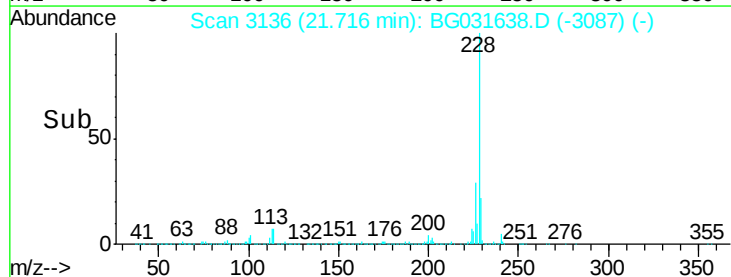
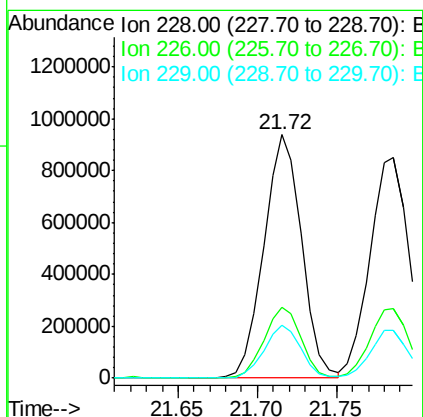
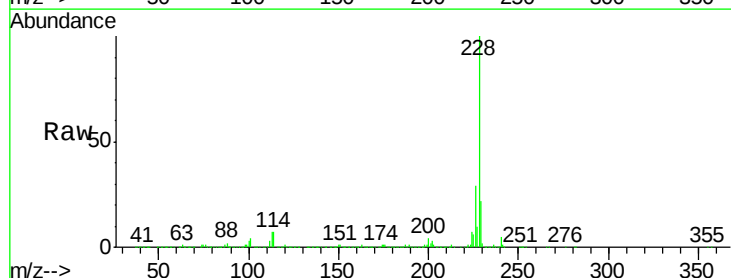
Instrument :
BNA_G
ClientSampleId :
PB105123BS

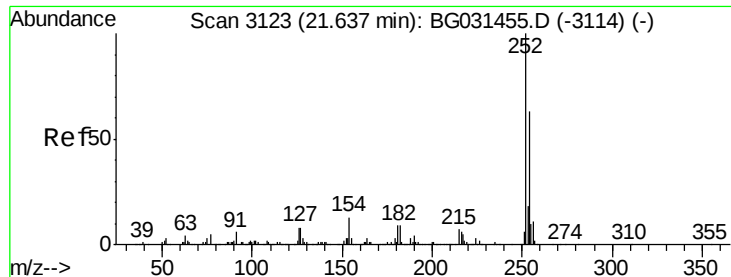
Tgt Ion:149 Resp: 593714
Ion Ratio Lower Upper
149 100
91 58.7 62.2 93.2#
206 26.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 46.577 ng
RT: 21.72 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:228 Resp: 1549153
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 21.9 16.2 24.2

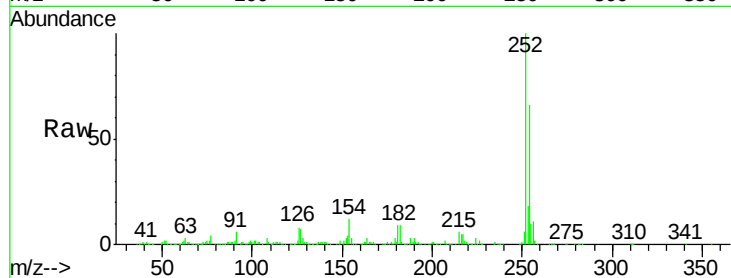




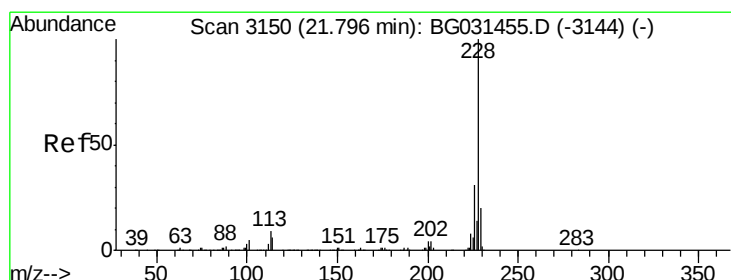
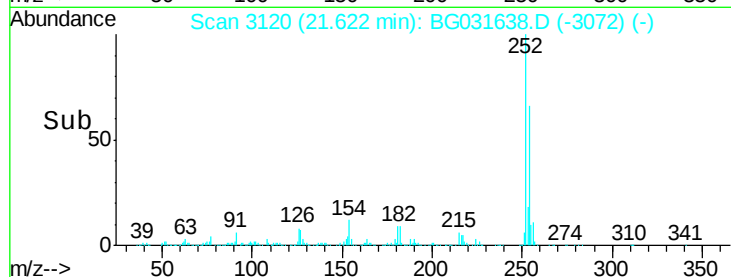
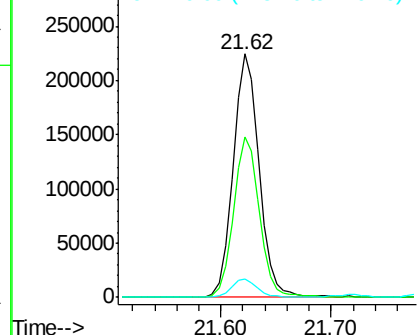
#81
 3,3'-Dichlorobenzidine
 Concen: 31.977 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB105123BS

Tgt Ion:252 Resp: 370153
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.8 76.2
 126 7.6 7.4 11.2

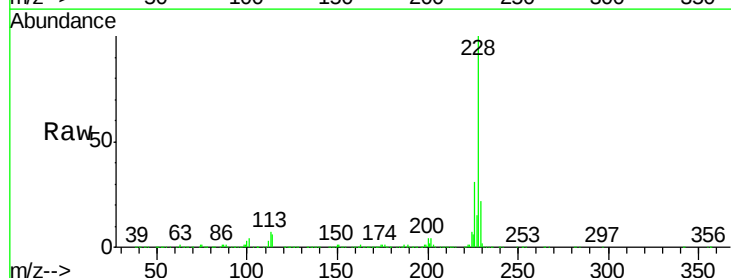


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

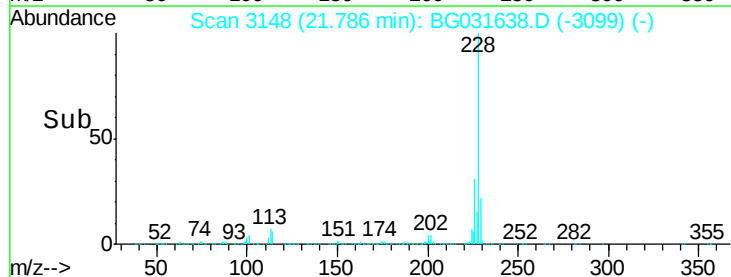
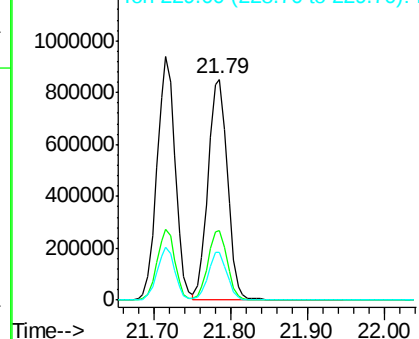


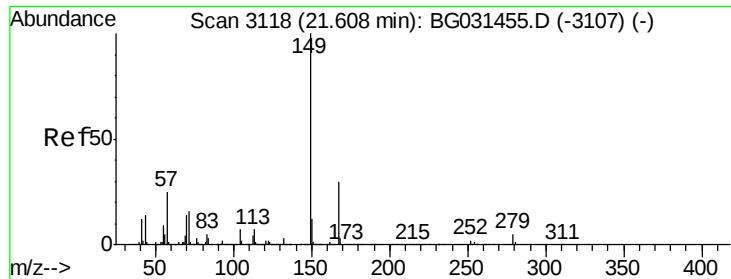
#82
 Chrysene
 Concen: 46.286 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG031638.D
 Acq: 18 Dec 2017 17:42

Tgt Ion:228 Resp: 1475819
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 21.7 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.865 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

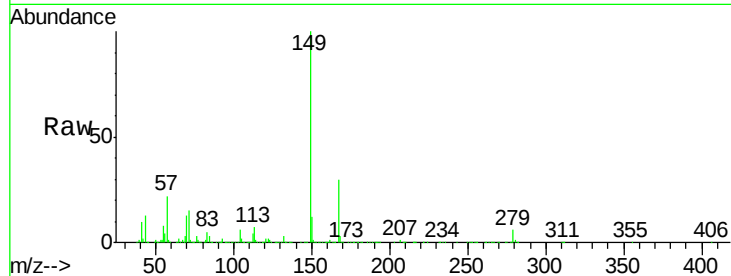
Tgt Ion:149 Resp: 809860

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

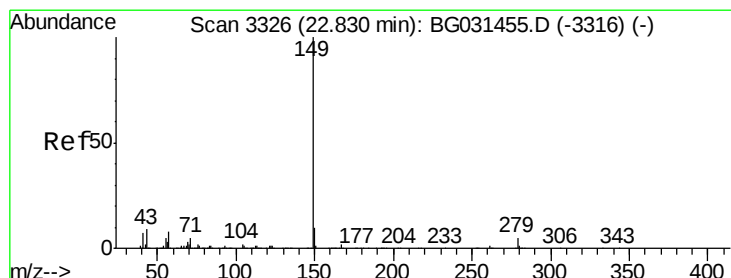
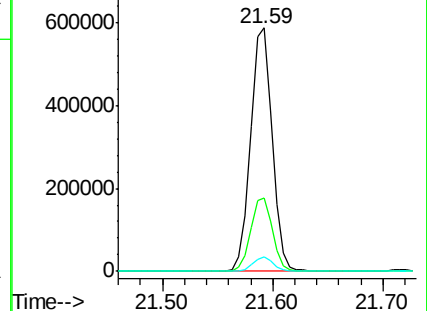
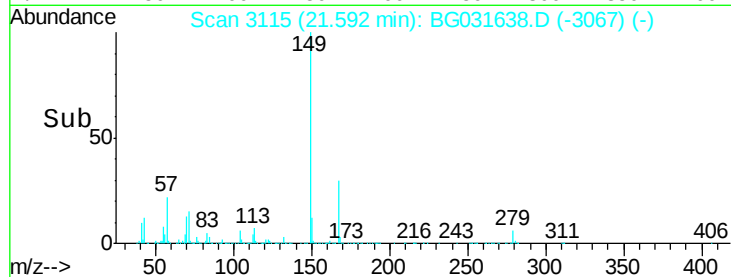
279 5.8 4.0 6.0



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: 46.194 ng

RT: 22.81 min Scan# 3322

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

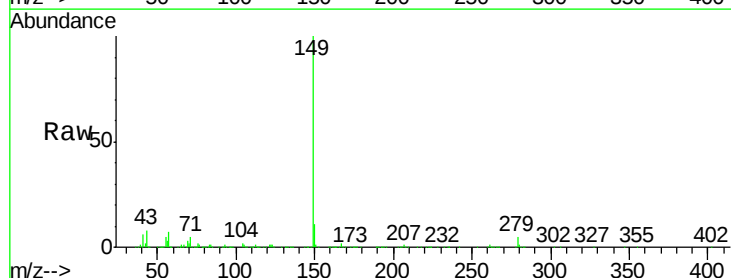
Tgt Ion:149 Resp: 1316781

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

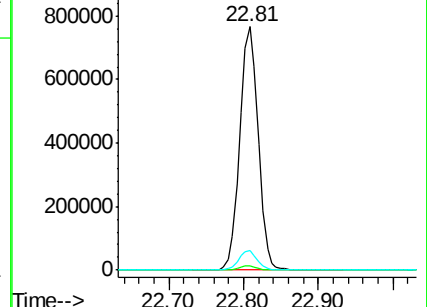
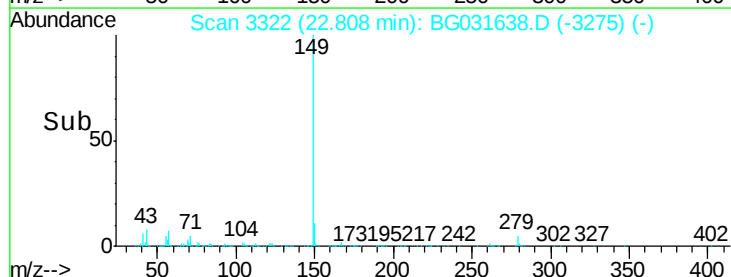
43 7.9 8.9 13.3#

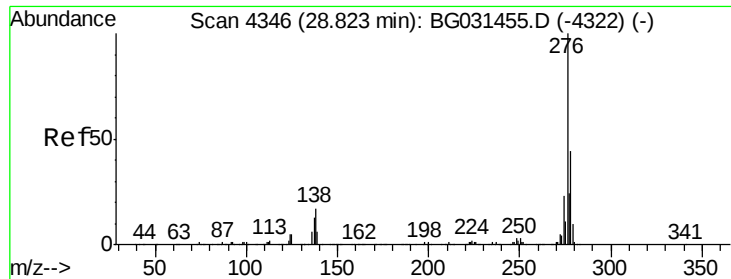


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.327 ng

RT: 28.78 min Scan# 4339

Delta R.T. -0.04 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

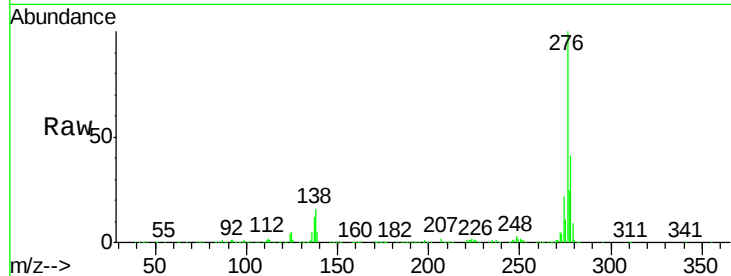
Tgt Ion:276 Resp: 1510477

Ion Ratio Lower Upper

276 100

138 18.0 16.0 24.0

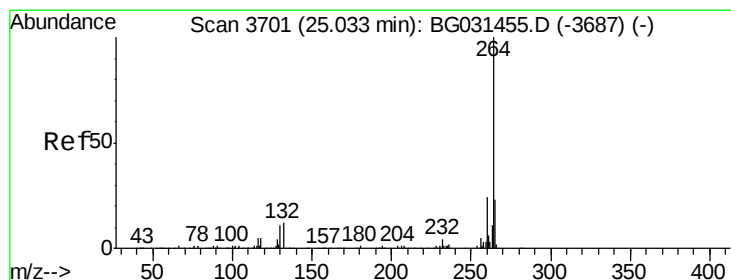
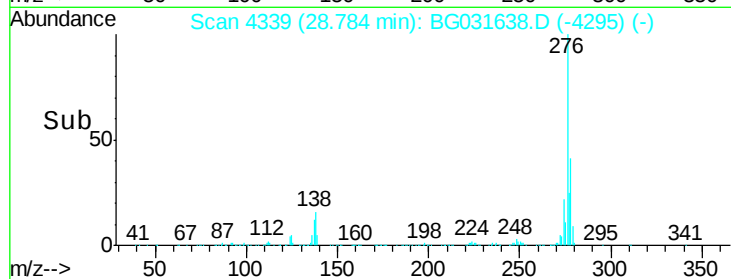
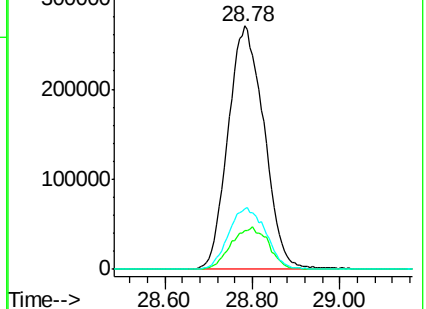
277 26.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

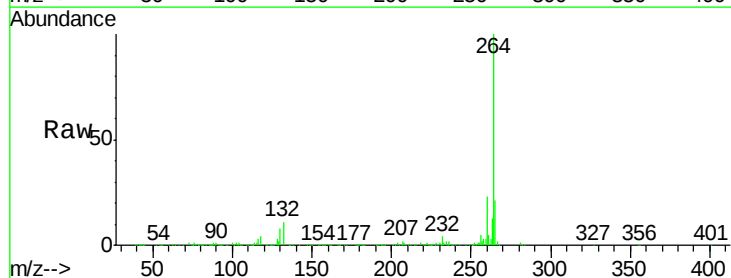
Tgt Ion:264 Resp: 507932

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

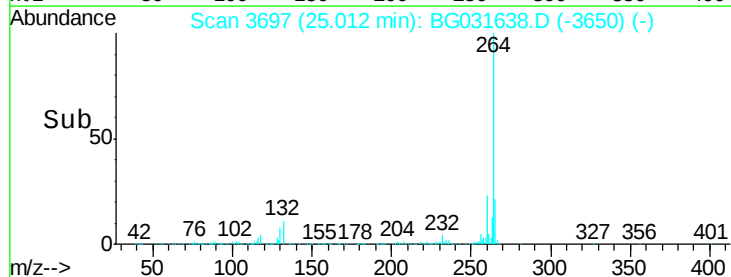
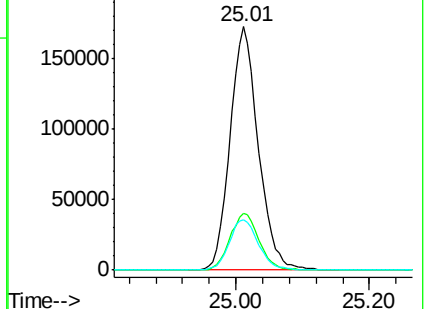
265 20.7 17.7 26.5

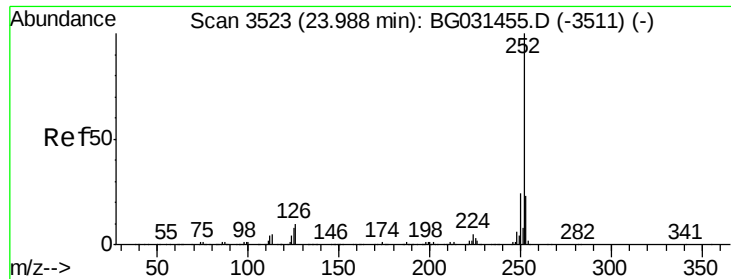


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

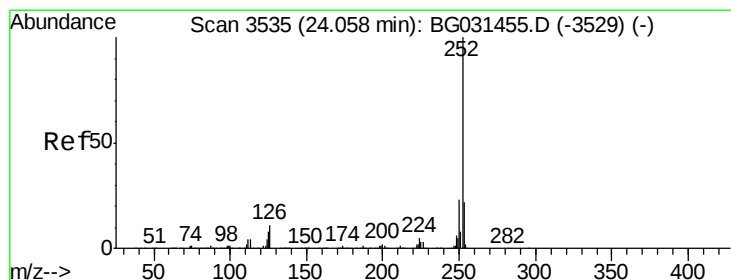
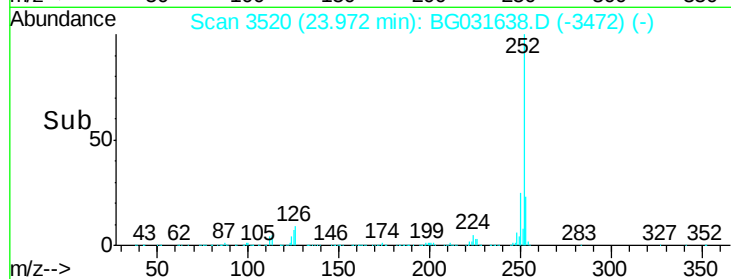
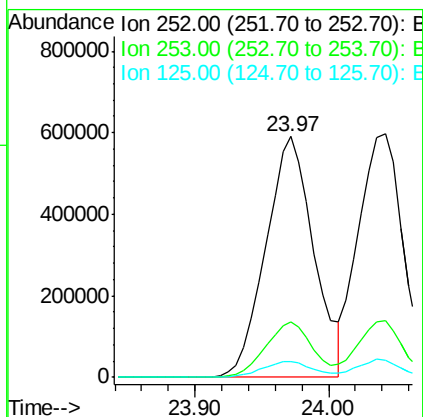
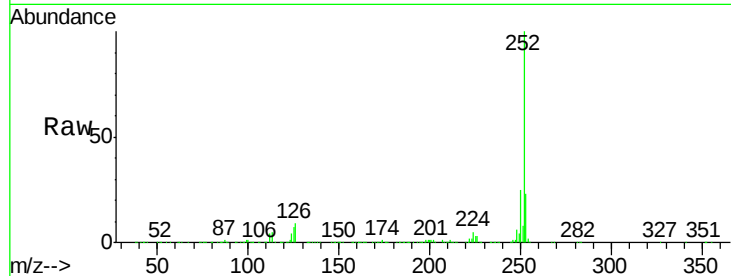




#87
Benzo(b)fluoranthene
Concen: 48.545 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

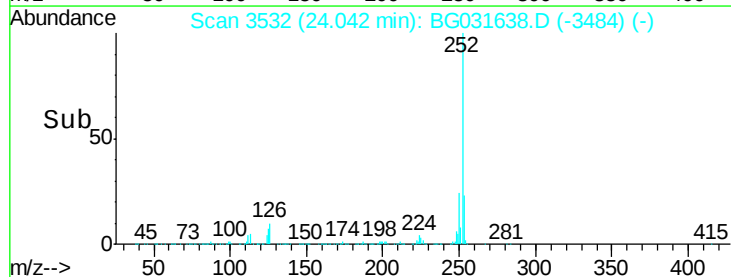
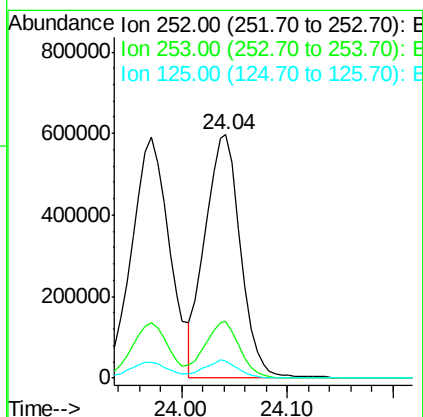
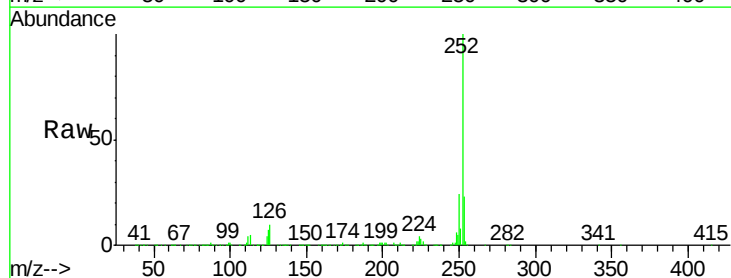
Instrument :
BNA_G
ClientSampleId :
PB105123BS

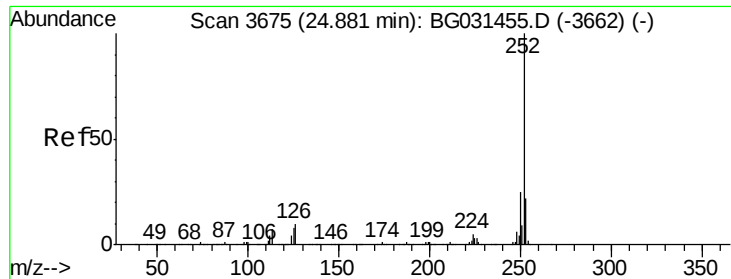
Tgt Ion:252 Resp: 1474171
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 6.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 44.812 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG031638.D
Acq: 18 Dec 2017 17:42

Tgt Ion:252 Resp: 1388710
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 7.1 6.6 9.8





#89

Benzo(a)pyrene

Concen: 48.229 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

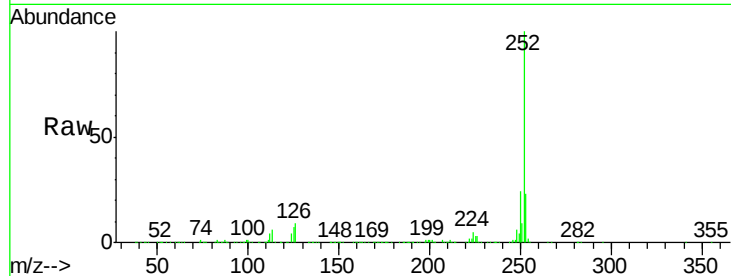
Tgt Ion:252 Resp: 1389333

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

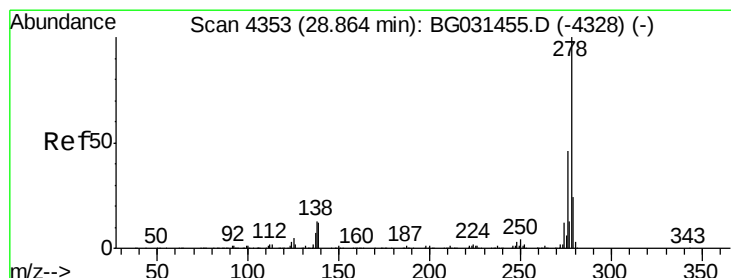
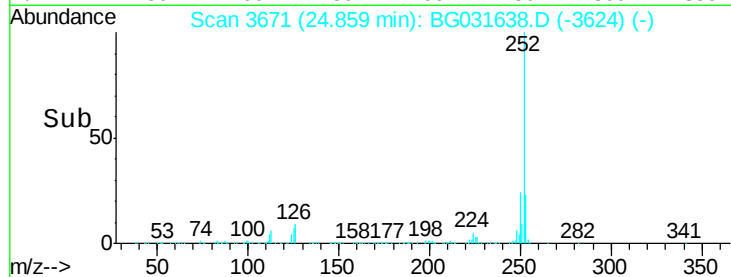
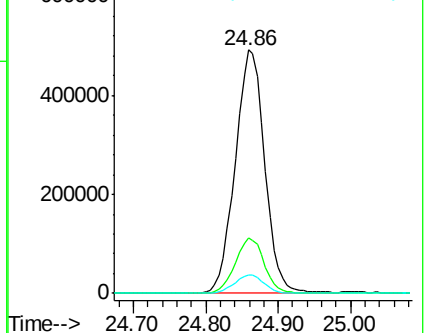
125 7.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.523 ng

RT: 28.82 min Scan# 4346

Delta R.T. -0.04 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

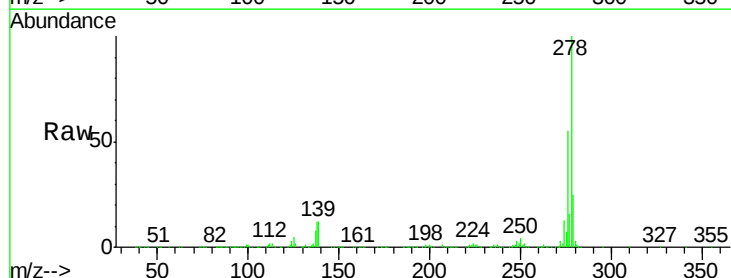
Tgt Ion:278 Resp: 1254036

Ion Ratio Lower Upper

278 100

139 11.5 9.8 14.6

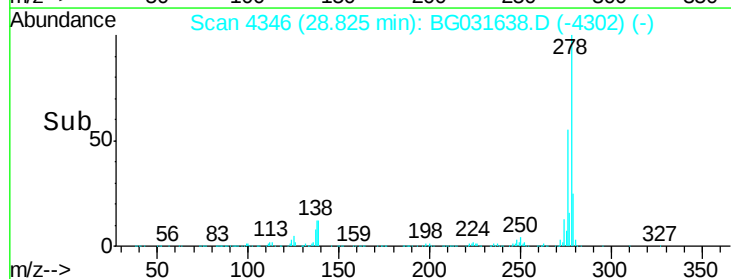
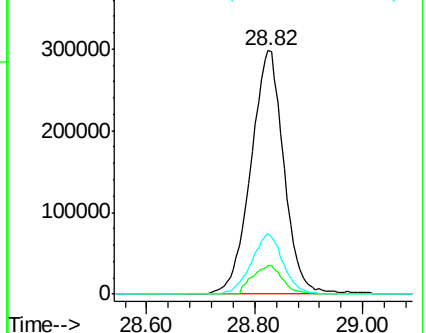
279 24.6 18.4 27.6

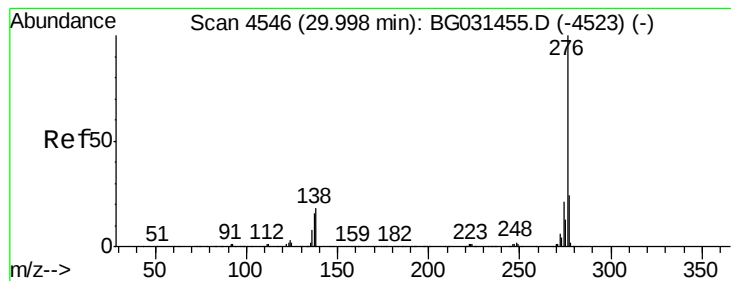


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.083 ng

RT: 29.96 min Scan# 4539

Delta R.T. -0.04 min

Lab File: BG031638.D

Acq: 18 Dec 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB105123BS

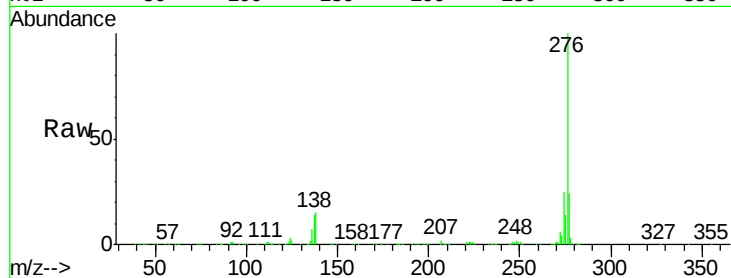
Tgt Ion:276 Resp: 1248041

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 15.1 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

