

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033210.D
 Acq On : 16 Mar 2018 21:47
 Operator : SJ/JU
 Sample : PB107389BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Quant Time: Mar 17 05:22:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	42459	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	172543	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	128452	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	335991	20.00	ng	0.00
75) Chrysene-d12	22.60	240	338006	20.00	ng	0.00
86) Perylene-d12	26.40	264	361554	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	386007	145.45	ng	0.00
7) Phenol-d6	8.00	99	587451	158.80	ng	-0.01
23) Nitrobenzene-d5	10.10	82	365561	139.79	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	285726	211.55	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	865763	97.21	ng	0.00
78) Terphenyl-d14	20.76	244	1537092	102.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	41280	35.840	ng	95
3) Pyridine	4.41	79	117574	37.036	ng	93
4) n-Nitrosodimethylamine	4.32	42	66222	52.030	ng	# 93
6) Aniline	8.19	93	89017	17.778	ng	# 94
8) 2-Chlorophenol	8.44	128	129416	44.551	ng	93
9) Benzaldehyde	7.99	77	59578	27.945	ng	95
10) Phenol	8.03	94	195589	52.451	ng	90
11) bis(2-Chloroethyl)ether	8.28	93	126936	41.629	ng	99
12) 1,3-Dichlorobenzene	8.78	146	134983	39.673	ng	96
13) 1,4-Dichlorobenzene	8.93	146	137338	40.101	ng	95
14) 1,2-Dichlorobenzene	9.26	146	130247	39.687	ng	96
15) Benzyl Alcohol	9.13	79	153092	56.294	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	219552	41.884	ng	90
17) 2-Methylphenol	9.33	107	128707	46.806	ng	# 93
18) Hexachloroethane	10.02	117	52669	45.168	ng	88
19) n-Nitroso-di-n-propylamine	9.70	70	123333	47.226	ng	# 98
20) 3+4-Methylphenols	9.66	107	183385	47.964	ng	93
22) Acetophenone	9.74	105	214564	49.240	ng	# 96
24) Nitrobenzene	10.14	77	186803	65.245	ng	92
25) Isophorone	10.66	82	348531	57.550	ng	99
26) 2-Nitrophenol	10.87	139	78752	69.811	ng	# 84
27) 2,4-Dimethylphenol	10.90	122	132254	50.270	ng	90
28) bis(2-Chloroethoxy)methane	11.14	93	193208	54.763	ng	96
29) 2,4-Dichlorophenol	11.41	162	152420	63.834	ng	99
30) 1,2,4-Trichlorobenzene	11.63	180	151342	54.071	ng	96
31) Naphthalene	11.83	128	405400	44.964	ng	99
32) Benzoic acid	10.99	122	11897	14.077	ng	# 74
33) 4-Chloroaniline	11.93	127	75381	18.699	ng	92
34) Hexachlorobutadiene	12.09	225	108182	68.906	ng	99
35) Caprolactam	12.68	113	54310	56.804	ng	98
36) 4-Chloro-3-methylphenol	12.99	107	192903	69.423	ng	93
37) 2-Methylnaphthalene	13.38	142	315290	48.336	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	201771	52.915	ng	98
40) Hexachlorocyclopentadiene	13.71	237	257091	132.295	ng	92

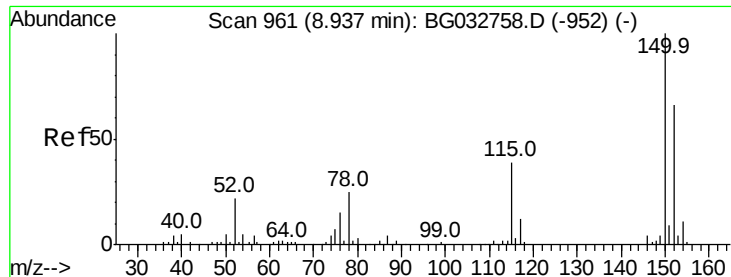
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	141166	58.704	ng	97
43) 2,4,5-Trichlorophenol	14.04	196	162497	58.386	ng	98
45) 1,1'-Biphenyl	14.35	154	434036	38.668	ng	94
46) 2-Chloronaphthalene	14.41	162	342517	40.850	ng	96
47) 2-Nitroaniline	14.60	65	146466	64.907	ng	92
48) Acenaphthylene	15.24	152	566281	41.251	ng	99
49) Dimethylphthalate	14.94	163	511200	46.870	ng	99
50) 2,6-Dinitrotoluene	15.07	165	108805	57.997	ng	97
51) Acenaphthene	15.58	154	360670	42.186	ng	95
52) 3-Nitroaniline	15.41	138	60251	30.282	ng	# 91
53) 2,4-Dinitrophenol	15.61	184	35412	66.557	ng	95
54) Dibenzofuran	15.90	168	559524	45.963	ng	93
55) 4-Nitrophenol	15.69	139	171799	94.756	ng	90
56) 2,4-Dinitrotoluene	15.85	165	162447	68.647	ng	89
57) Fluorene	16.55	166	471081	46.885	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	160458	74.257	ng	97
59) Diethylphthalate	16.28	149	502667	43.696	ng	98
60) 4-Chlorophenyl-phenylether	16.52	204	267377	54.399	ng	97
61) 4-Nitroaniline	16.56	138	99564	42.811	ng	87
62) Azobenzene	16.82	77	503309	48.906	ng	99
64) 4,6-Dinitro-2-methylphenol	16.61	198	43915	45.841	ng	95
65) n-Nitrosodiphenylamine	16.74	169	439832	40.240	ng	97
66) 4-Bromophenyl-phenylether	17.41	248	176777	49.758	ng	# 91
67) Hexachlorobenzene	17.54	284	181208	47.198	ng	# 93
68) Atrazine	17.65	200	180908	50.282	ng	99
69) Pentachlorophenol	17.88	266	209825	86.765	ng	97
70) Phenanthrene	18.29	178	792056	42.254	ng	98
71) Anthracene	18.38	178	821485	43.652	ng	99
72) Carbazole	18.63	167	715255	38.560	ng	95
73) Di-n-butylphthalate	19.13	149	834492	36.671	ng	# 98
74) Fluoranthene	20.24	202	1011649	48.857	ng	97
76) Benzidine	20.40	184	215166	18.675	ng	99
77) Pyrene	20.60	202	1018192	42.716	ng	99
79) Butylbenzylphthalate	21.45	149	387120	36.631	ng	96
80) Benzo(a)anthracene	22.58	228	994925	45.903	ng	98
81) 3,3'-Dichlorobenzidine	22.46	252	180461	22.480	ng	99
82) Chrysene	22.65	228	934778	45.148	ng	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	518324	33.134	ng	98
84) Di-n-octyl phthalate	23.81	149	902369	37.844	ng	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	1118797	46.334	ng	# 90
87) Benzo(b)fluoranthene	25.18	252	982974	45.982	ng	# 97
88) Benzo(k)fluoranthene	25.26	252	950794	44.752	ng	# 98
89) Benzo(a)pyrene	26.22	252	957038	47.068	ng	# 97
90) Dibenzo(a,h)anthracene	30.89	278	924731	45.183	ng	99
91) Benzo(g,h,i)perylene	32.21	276	928646	46.029	ng	# 96

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

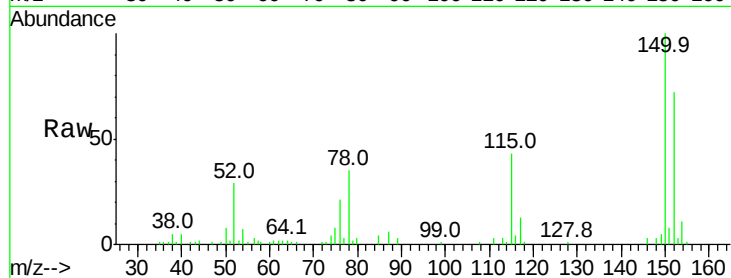


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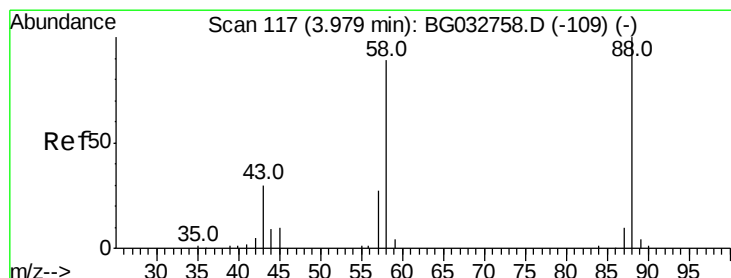
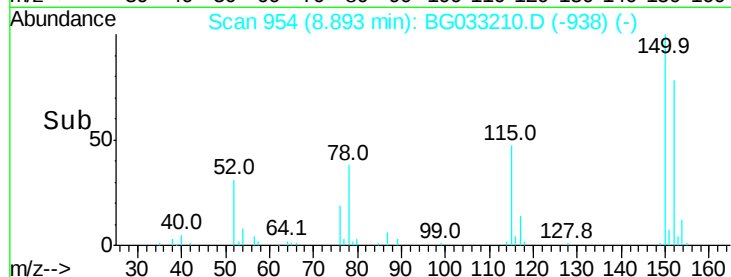
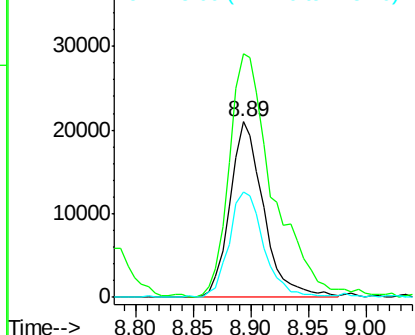
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion:152 Resp: 42459
Ion Ratio Lower Upper
152 100
150 138.6 126.6 189.8
115 59.7 53.0 79.4



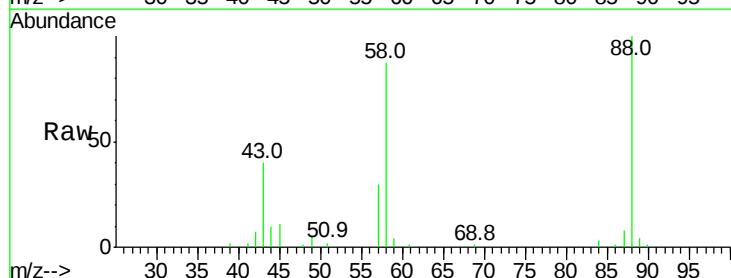
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



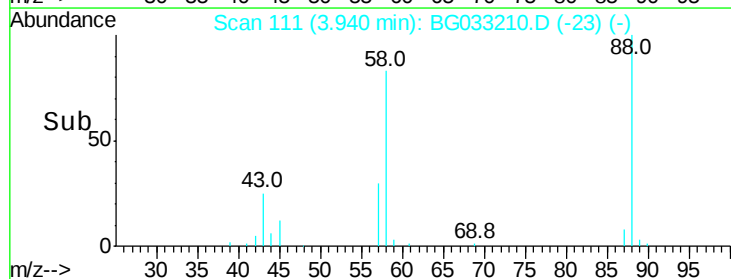
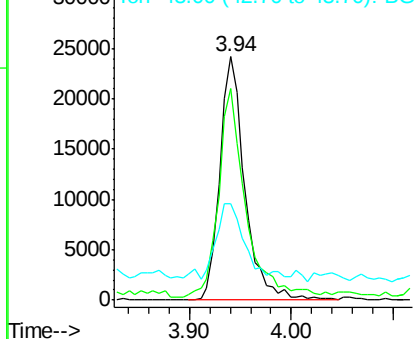
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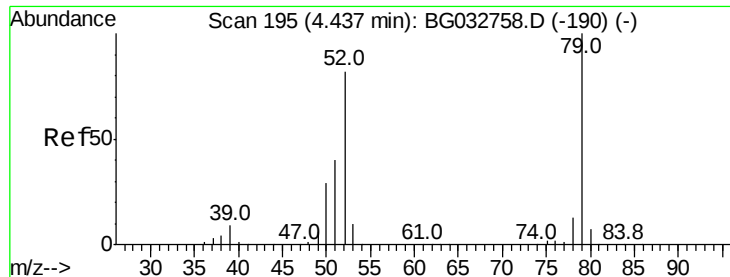
1,4-Dioxane
Concen: 35.840 ng
RT: 3.94 min Scan# 111
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion: 88 Resp: 41280
Ion Ratio Lower Upper
88 100
58 93.0 79.6 119.4
43 35.4 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.036 ng

RT: 4.41 min Scan# 191

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

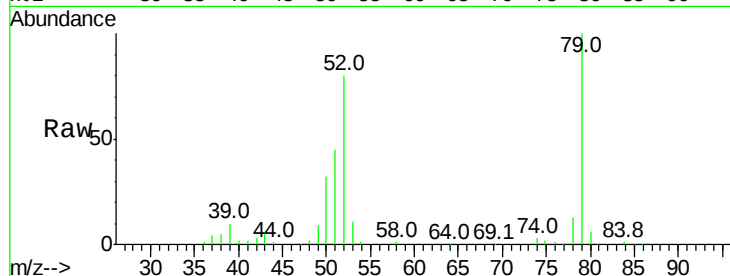
Tot Ion: 79 Resp: 117574

Ion Ratio Lower Upper

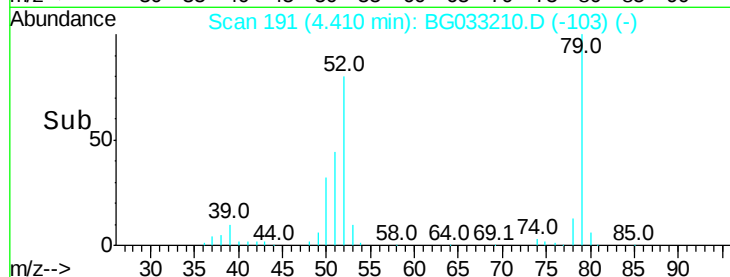
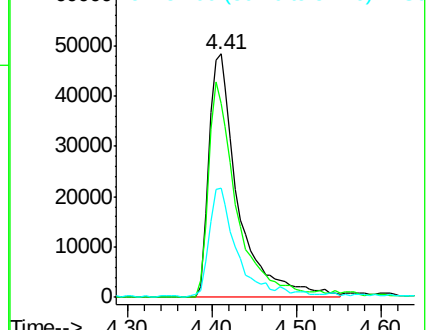
79 100

52 79.7 69.9 104.9

51 45.0 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 52.030 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

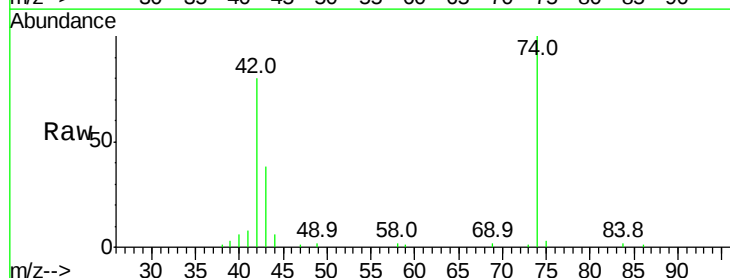
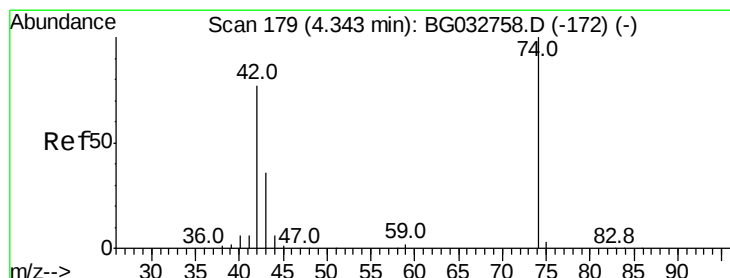
Tgt Ion: 42 Resp: 66222

Ion Ratio Lower Upper

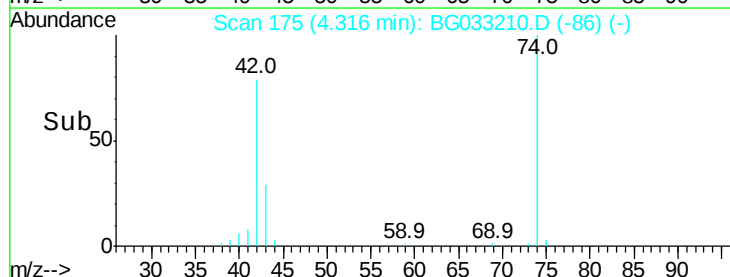
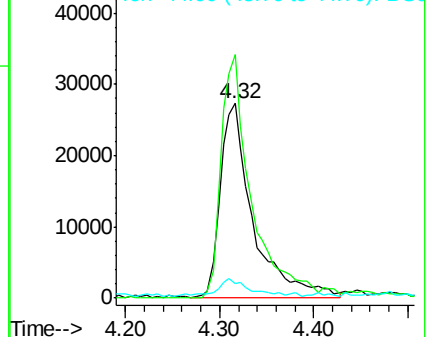
42 100

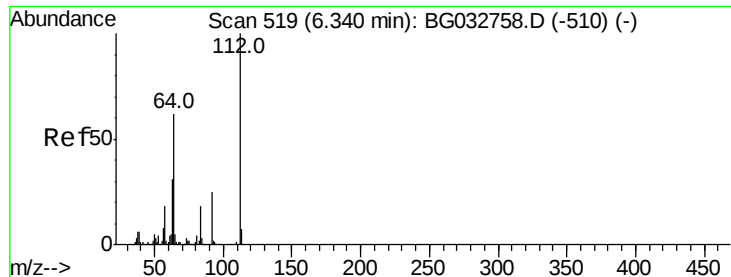
74 125.1 102.5 153.7

44 7.4 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 145.447 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

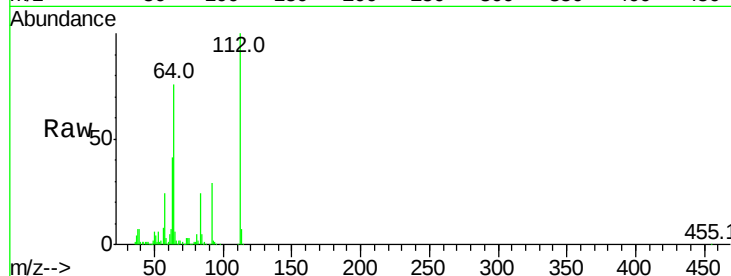
Tot Ion:112 Resp: 386007

Ion Ratio Lower Upper

112 100

64 76.1 56.3 84.5

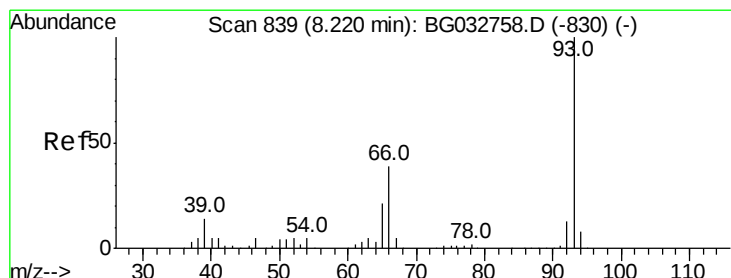
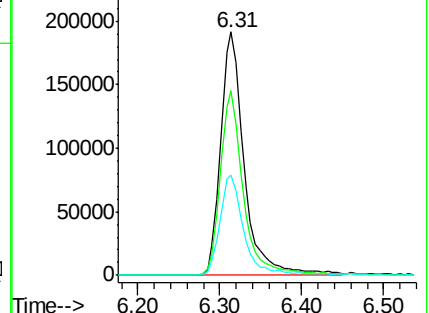
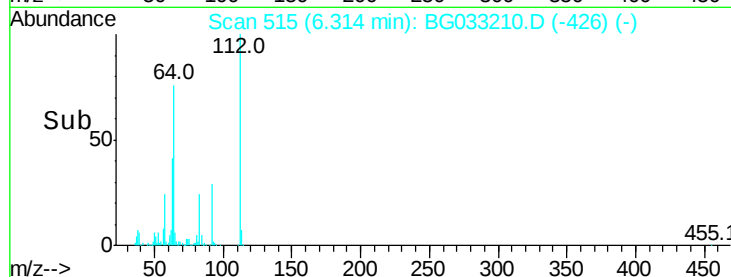
63 41.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.778 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

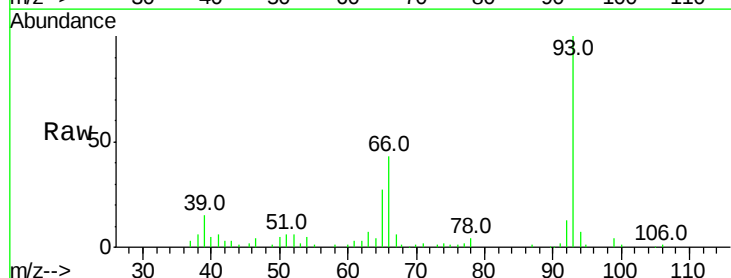
Tgt Ion: 93 Resp: 89017

Ion Ratio Lower Upper

93 100

66 43.1 33.7 50.5

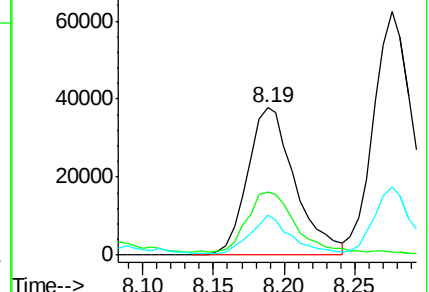
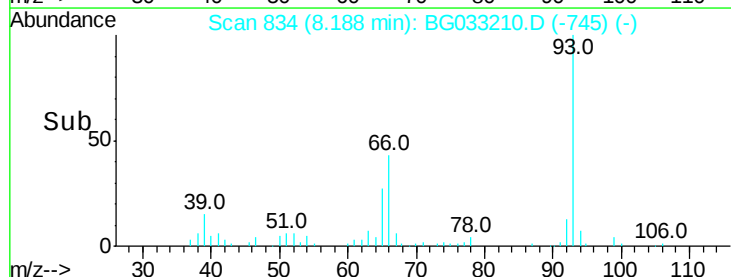
65 26.8 16.1 24.1#

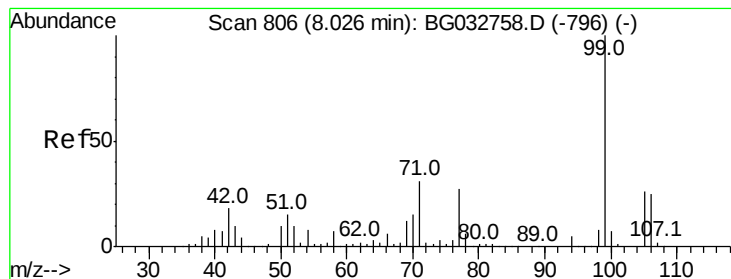


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.805 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

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ClientSampleId :

PB107389BS

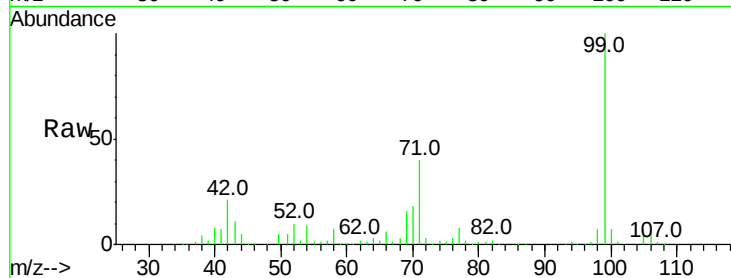
Tot Ion: 99 Resp: 587451

Ion Ratio Lower Upper

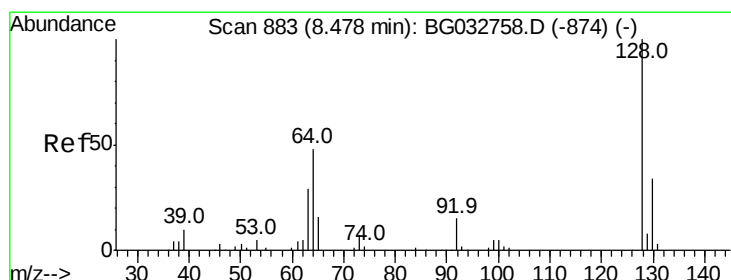
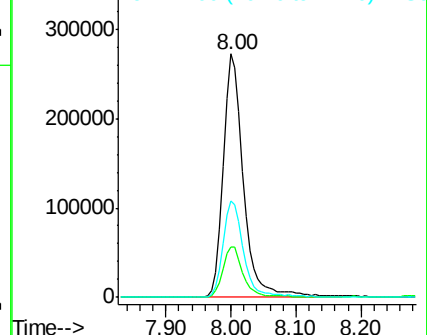
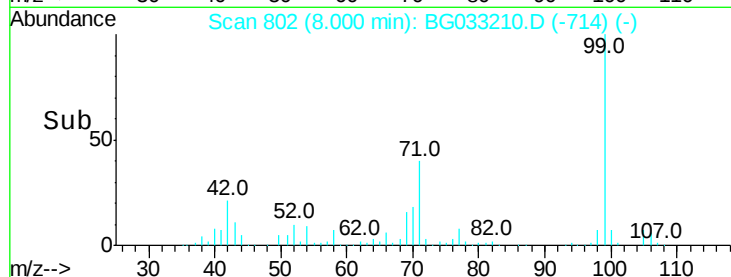
99 100

42 20.6 14.1 21.1

71 39.8 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 44.551 ng

RT: 8.44 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

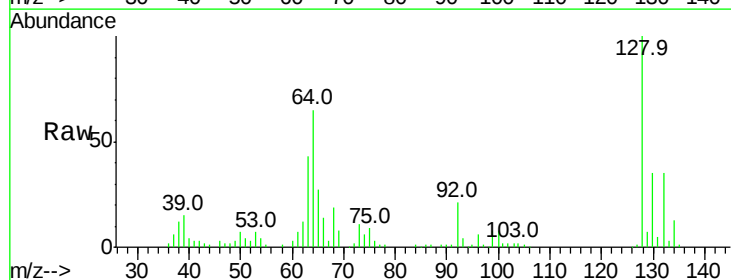
Tgt Ion:128 Resp: 129416

Ion Ratio Lower Upper

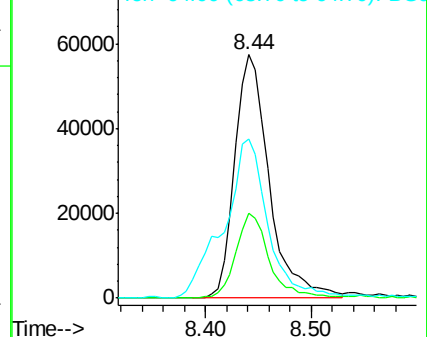
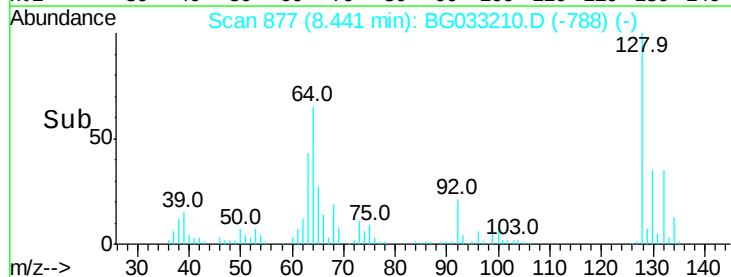
128 100

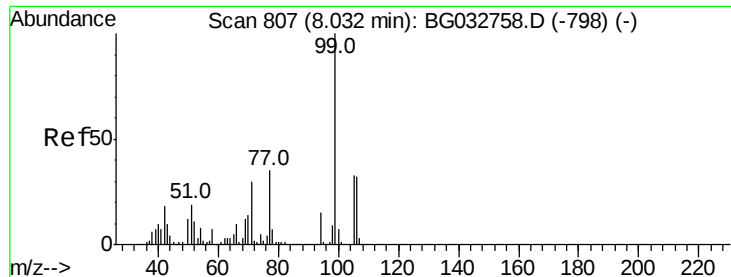
130 34.6 14.0 54.0

64 65.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 27.945 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

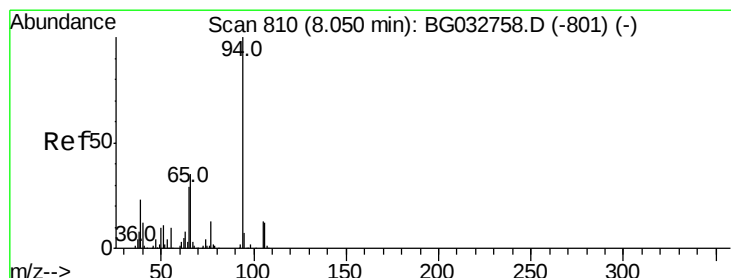
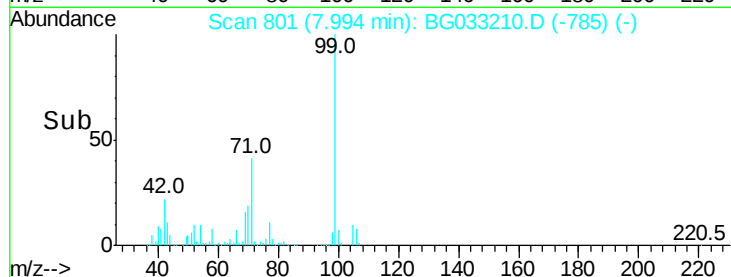
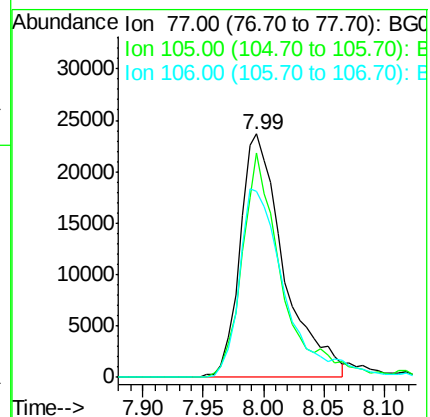
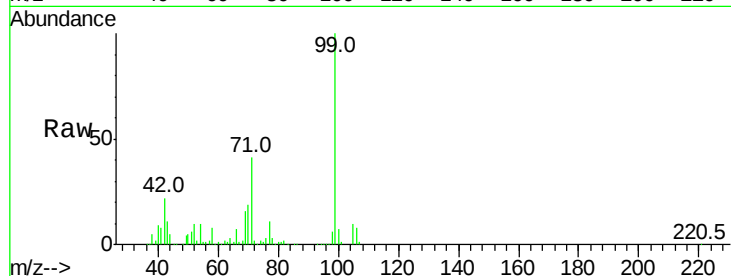
Tot Ion: 77 Resp: 59578

Ion Ratio Lower Upper

77 100

105 92.1 71.3 111.3

106 76.4 64.2 104.2



#10

Phenol

Concen: 52.451 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

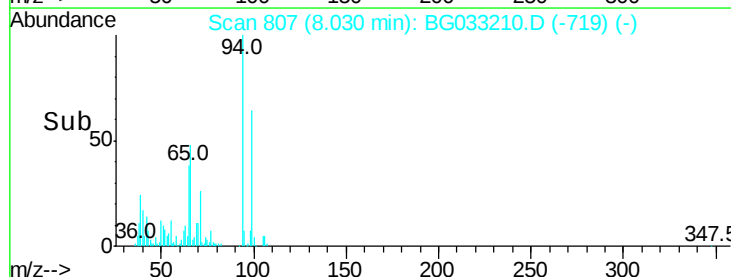
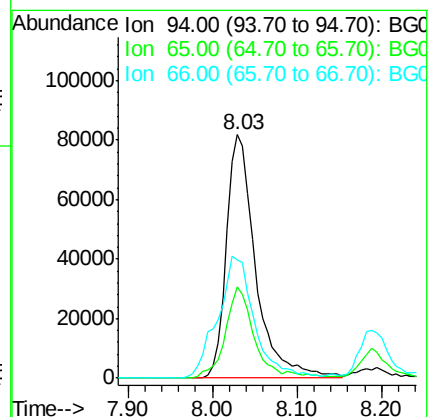
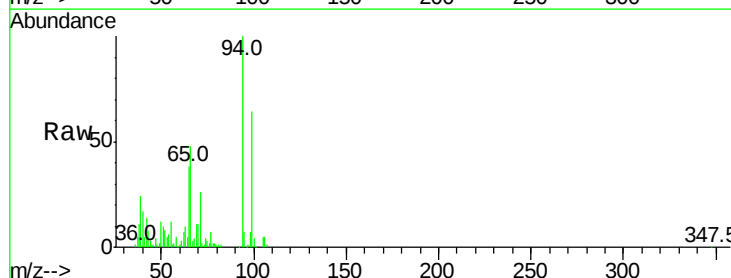
Tgt Ion: 94 Resp: 195589

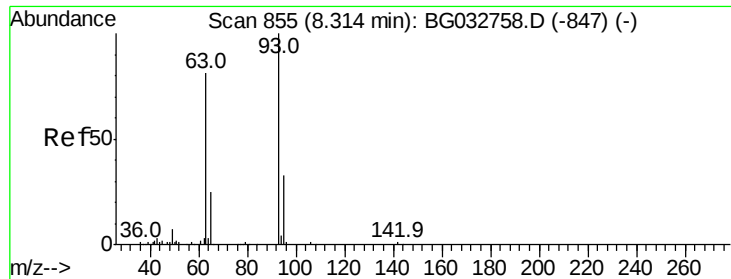
Ion Ratio Lower Upper

94 100

65 37.7 11.9 51.9

66 48.3 22.2 62.2

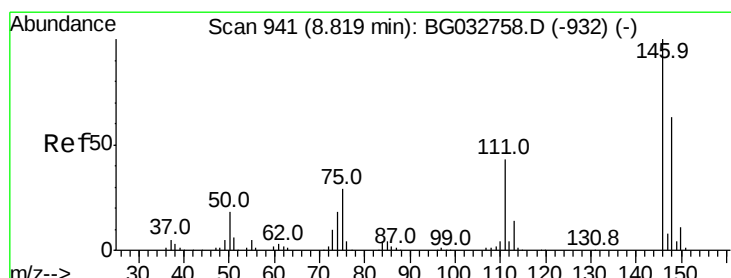
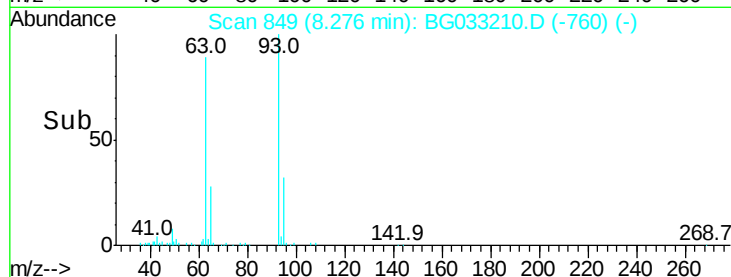
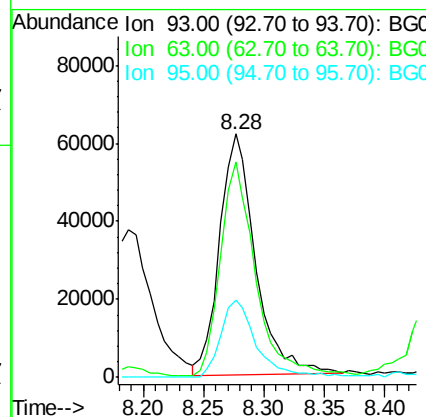
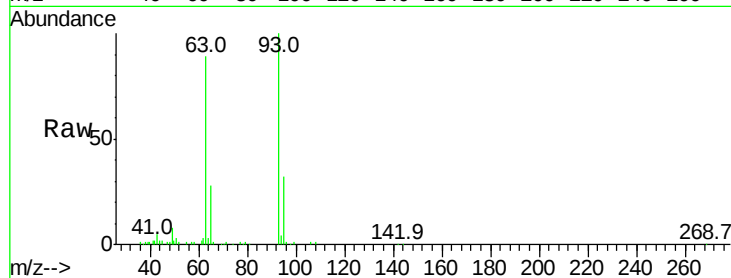




#11
 bis(2-Chloroethyl)ether
 Concen: 41.629 ng
 RT: 8.28 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

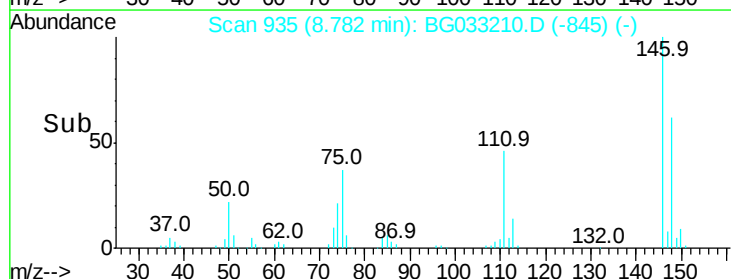
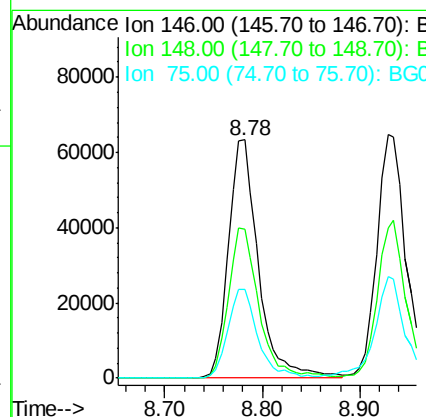
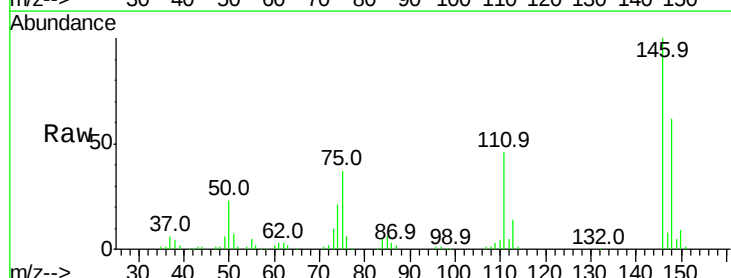
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

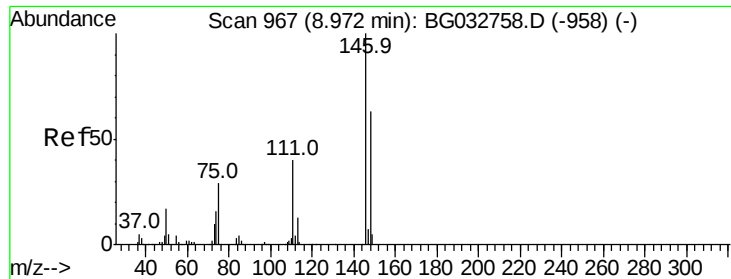
Tot Ion: 93 Resp: 126936
 Ion Ratio Lower Upper
 93 100
 63 88.6 67.1 107.1
 95 31.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.673 ng
 RT: 8.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion: 146 Resp: 134983
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.4 77.2
 75 37.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.101 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

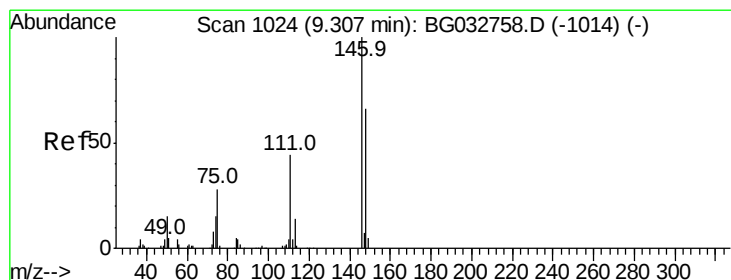
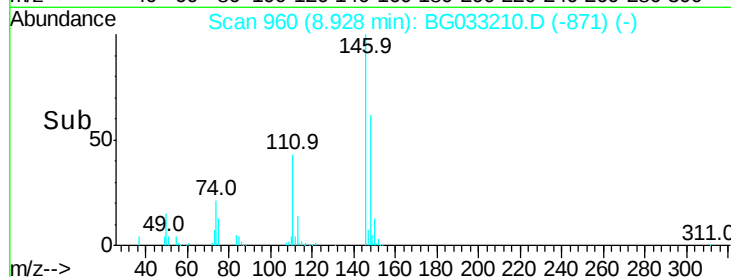
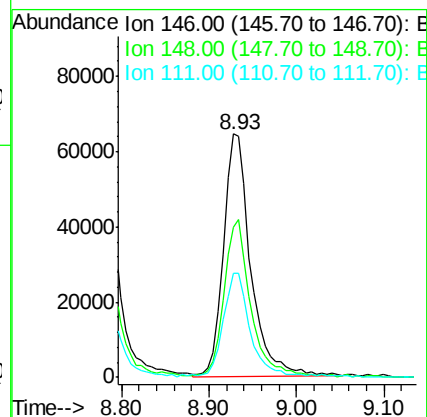
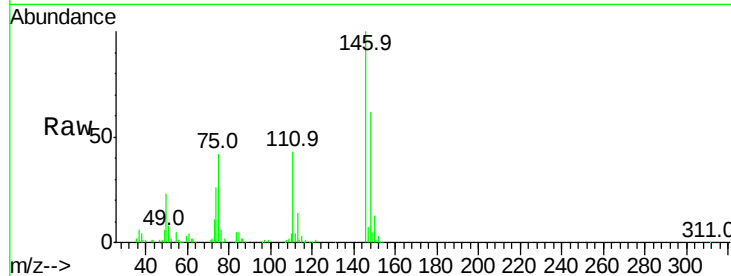
Tot Ion:146 Resp: 137338

Ion Ratio Lower Upper

146 100

148 61.6 53.7 80.5

111 42.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.687 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

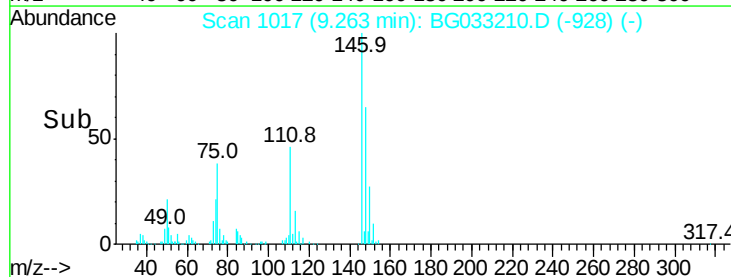
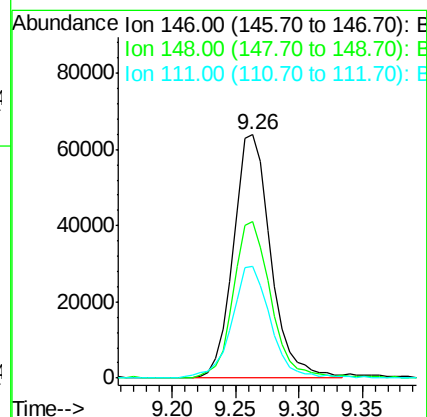
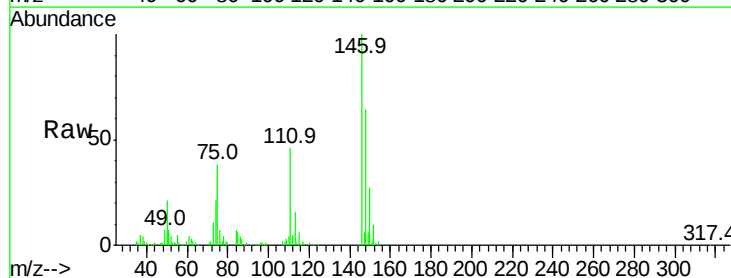
Tgt Ion:146 Resp: 130247

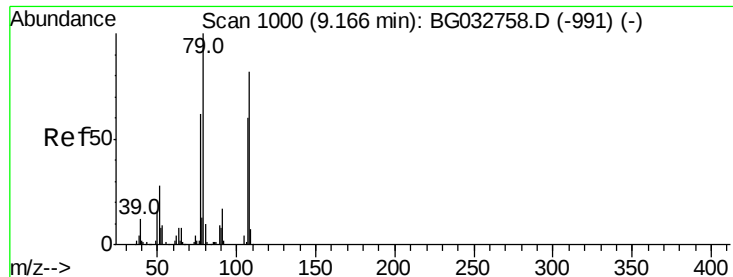
Ion Ratio Lower Upper

146 100

148 64.5 49.3 73.9

111 46.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 56.294 ng

RT: 9.13 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

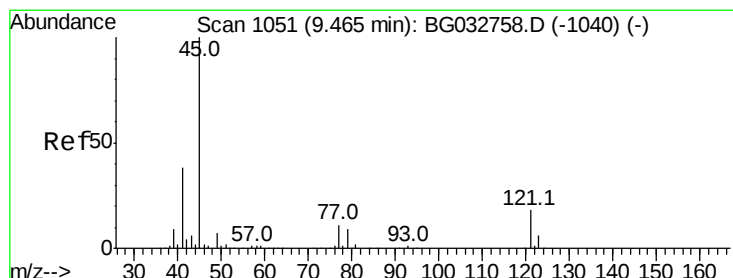
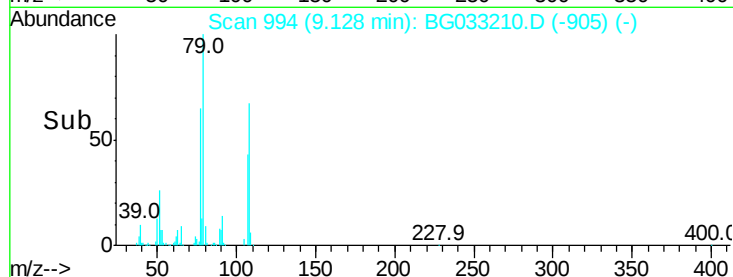
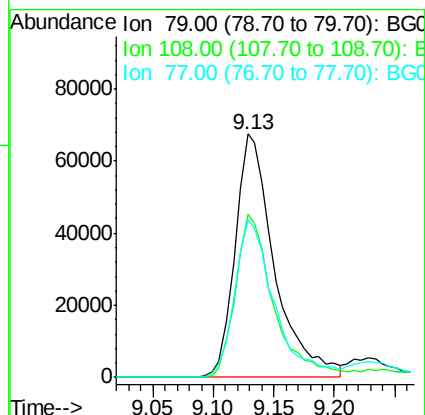
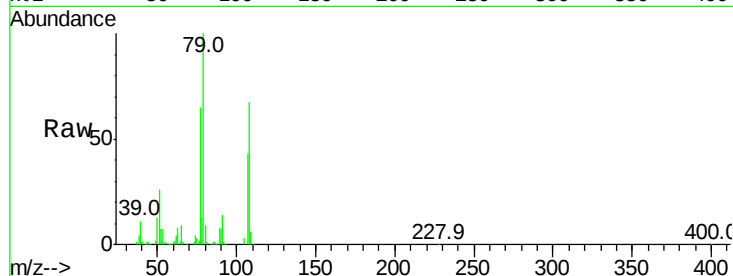
Tot Ion: 79 Resp: 153092

Ion Ratio Lower Upper

79 100

108 66.8 57.2 85.8

77 64.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.884 ng

RT: 9.42 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

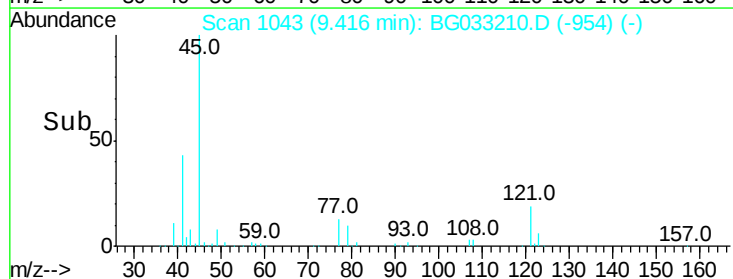
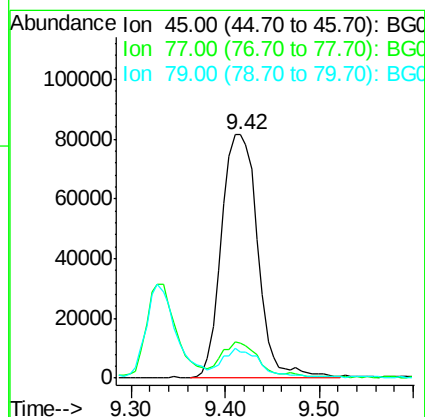
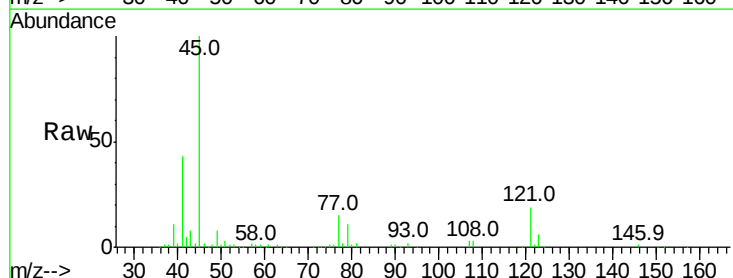
Tgt Ion: 45 Resp: 219552

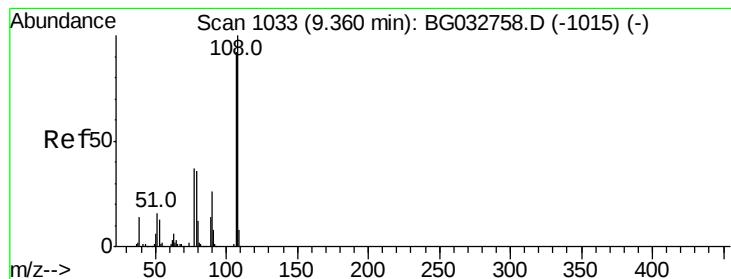
Ion Ratio Lower Upper

45 100

77 14.5 0.0 30.2

79 10.7 0.0 27.9





#17

2-Methylphenol

Concen: 46.806 ng

RT: 9.33 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

Tot Ion:107 Resp: 128707

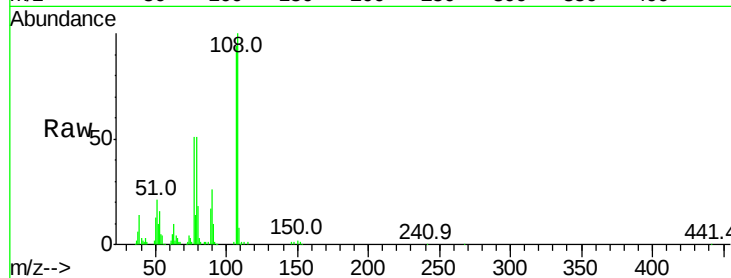
Ion Ratio Lower Upper

107 100

108 106.9 83.9 125.9

77 54.3 37.2 55.8

79 54.3 36.2 54.2#

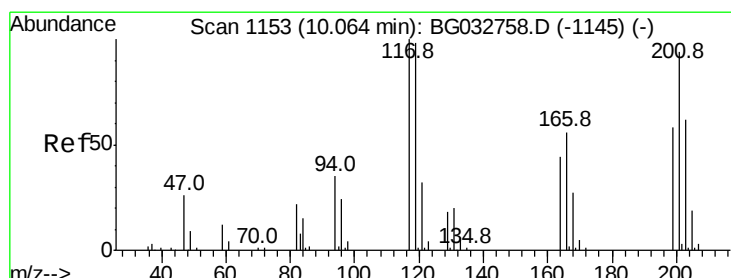
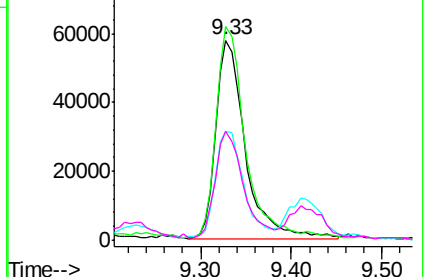
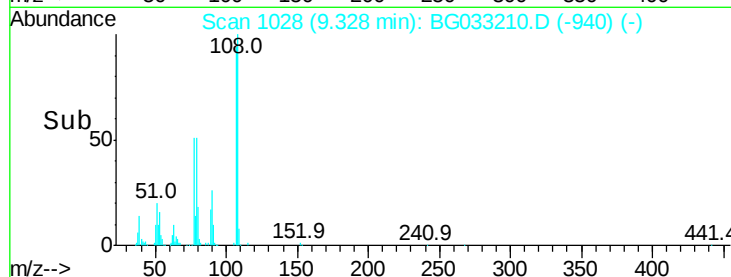


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.168 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

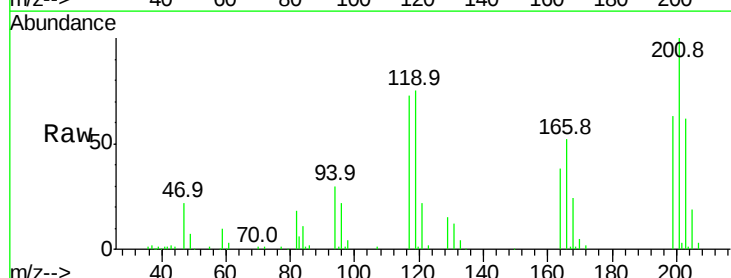
Tgt Ion:117 Resp: 52669

Ion Ratio Lower Upper

117 100

119 102.6 76.7 115.1

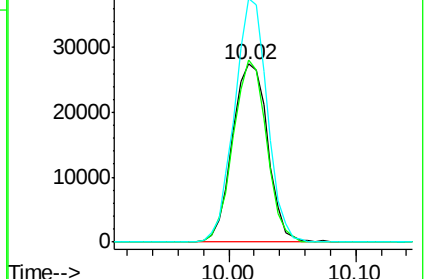
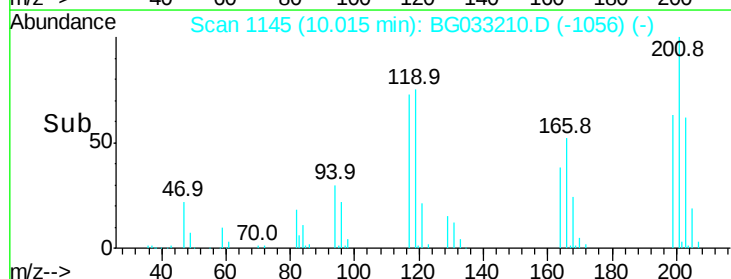
201 136.8 95.7 143.5

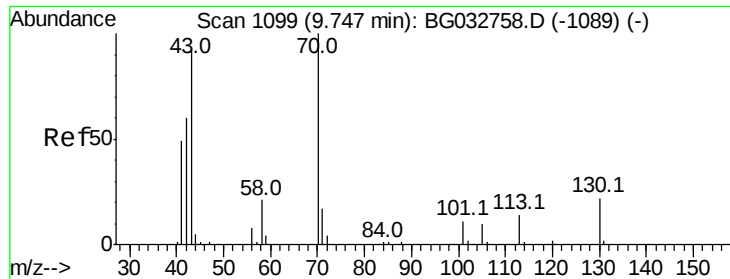


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

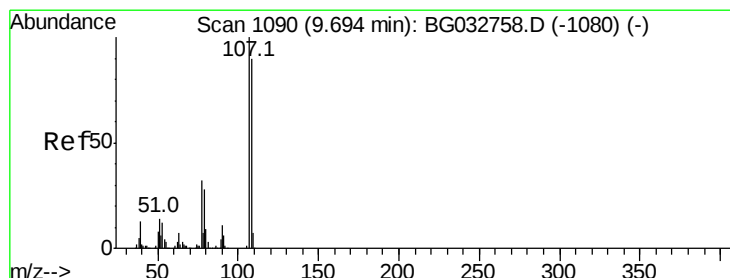
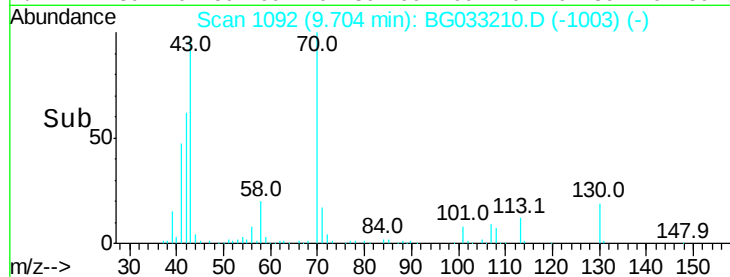
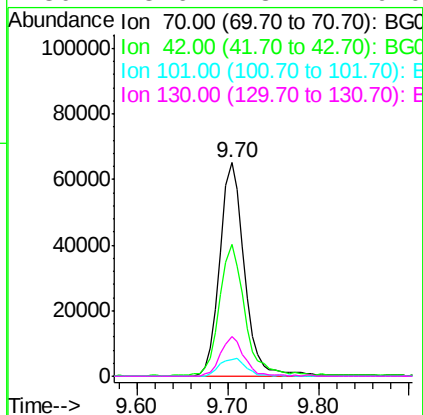
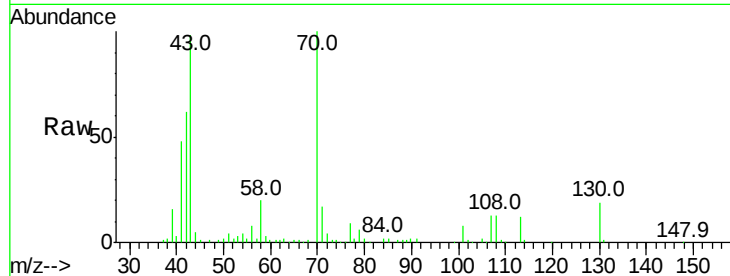




#19
n-Nitroso-di-n-propylamine
Concen: 47.226 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

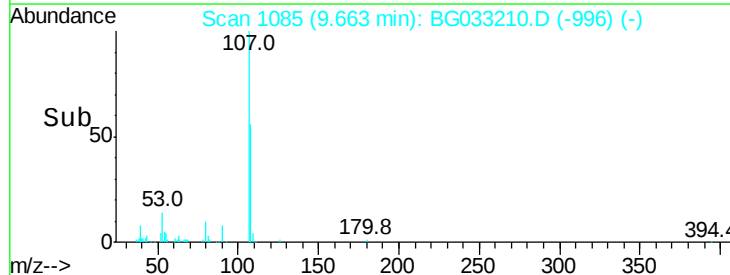
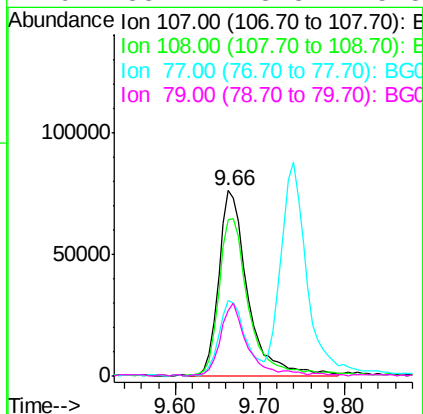
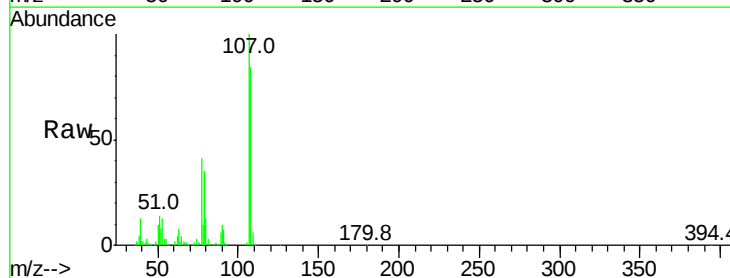
Instrument :
BNA_G
ClientSampleId :
PB107389BS

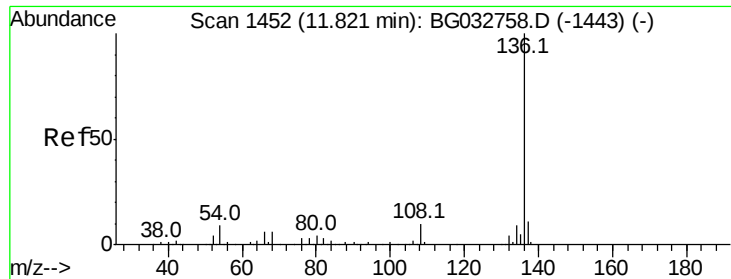
Tot Ion: 70 Resp: 123333
Ion Ratio Lower Upper
70 100
42 61.7 49.1 73.7
101 7.8 8.5 12.7#
130 18.6 13.4 20.0



#20
3+4-Methylphenols
Concen: 47.964 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion: 107 Resp: 183385
Ion Ratio Lower Upper
107 100
108 84.3 61.6 101.6
77 40.9 13.9 53.9
79 35.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

Tot Ion:136 Resp: 172543

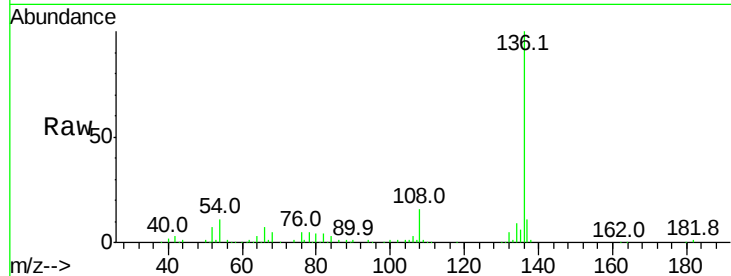
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 10.7 10.3 15.5

68 5.5 4.5 6.7

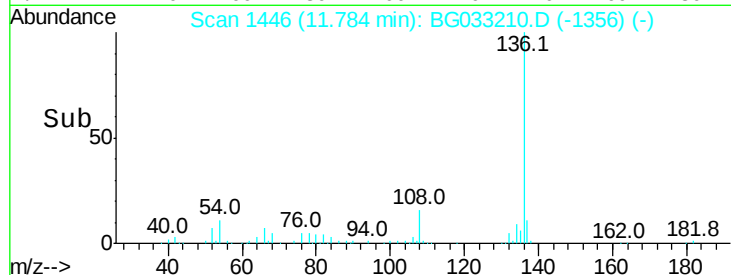


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

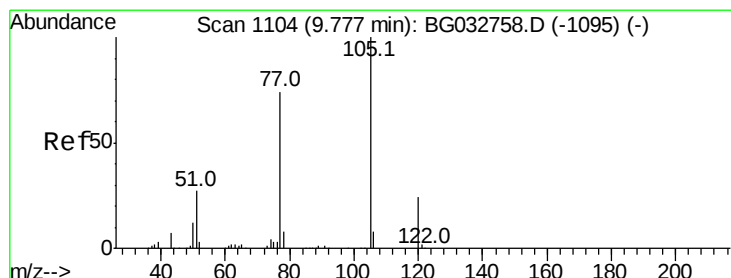
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

11.78



#22

Acetophenone

Concen: 49.240 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Tgt Ion:105 Resp: 214564

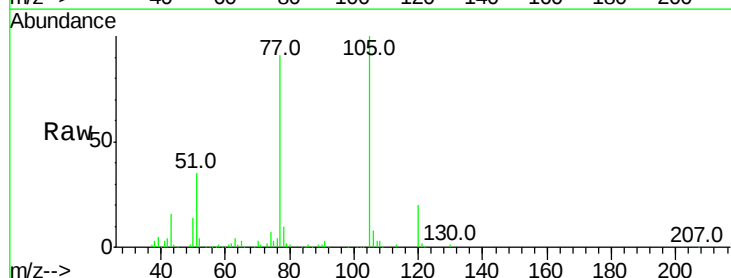
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 35.2 26.1 39.1

120 20.4 17.4 26.2

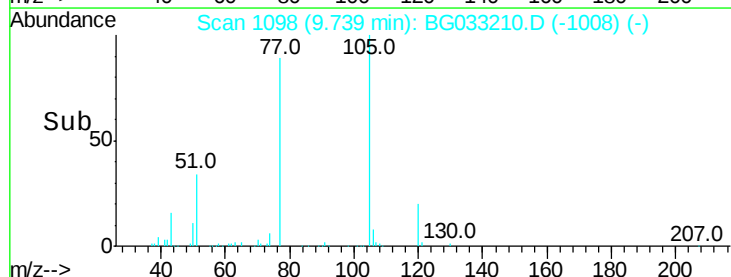


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

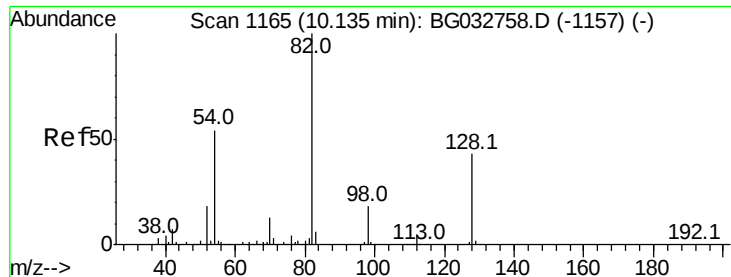
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

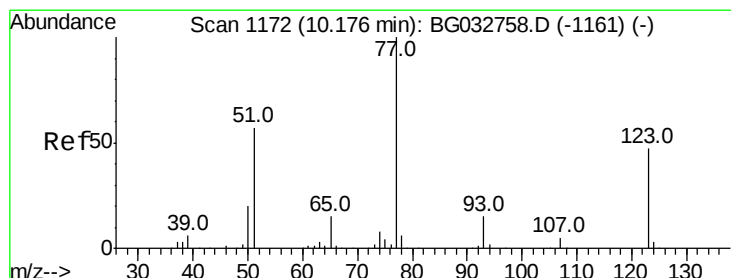
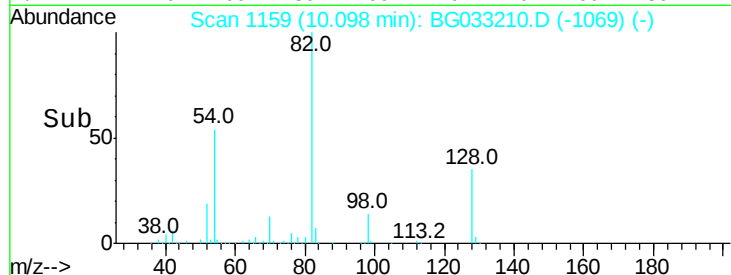
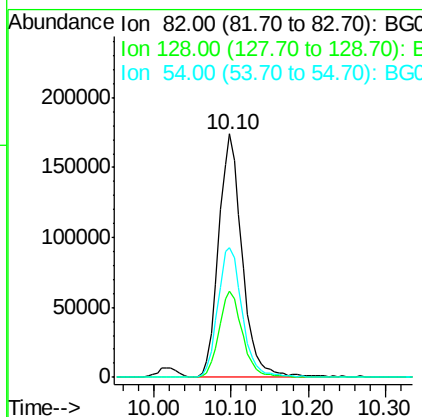
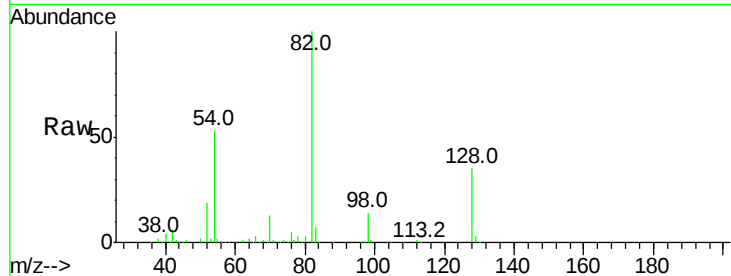
9.74



#23
 Nitrobenzene-d5
 Concen: 139.792 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

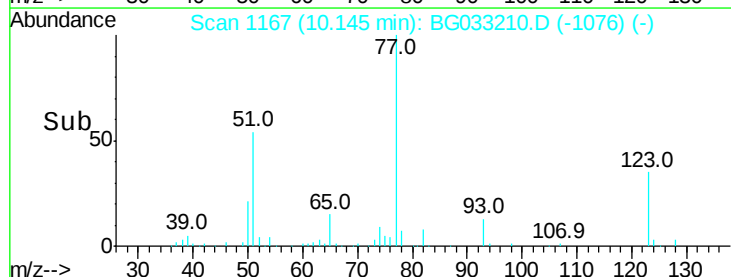
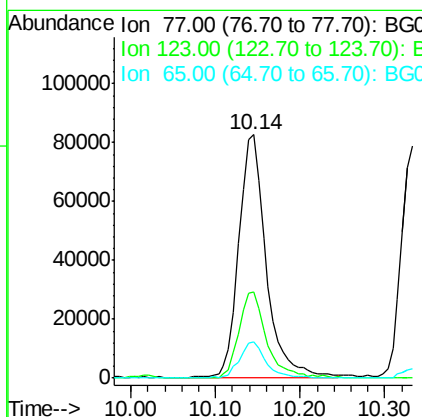
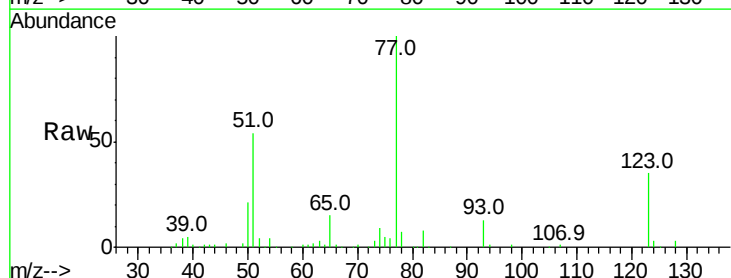
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

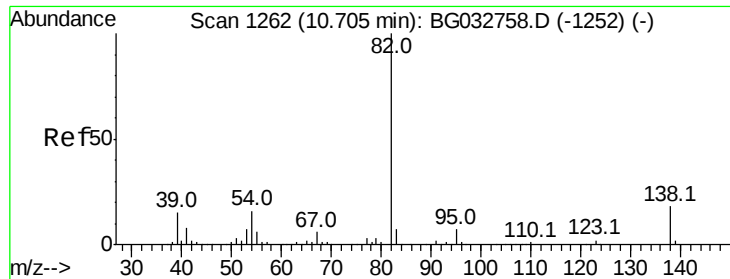
Tot Ion: 82 Resp: 365561
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 53.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 65.245 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion: 77 Resp: 186803
 Ion Ratio Lower Upper
 77 100
 123 35.3 33.0 49.6
 65 15.1 13.0 19.6





#25

Isophorone

Concen: 57.550 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

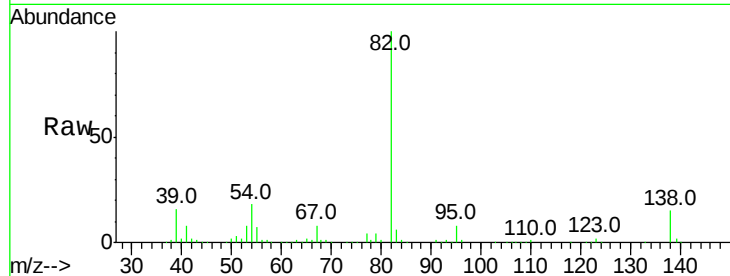
Tot Ion: 82 Resp: 348531

Ion Ratio Lower Upper

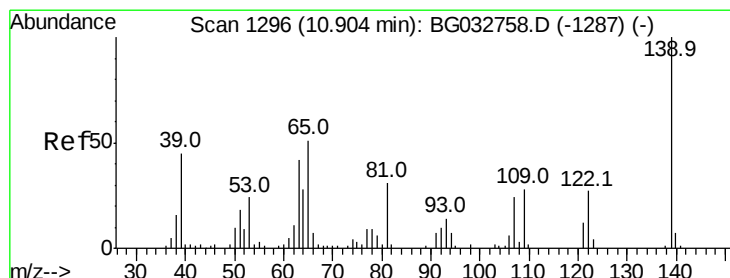
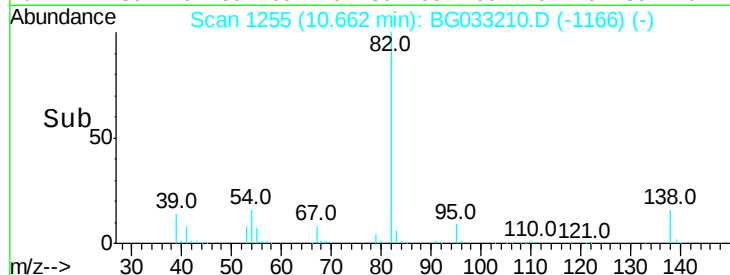
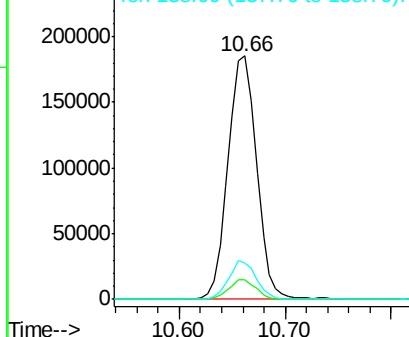
82 100

95 8.2 6.2 9.2

138 15.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 69.811 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

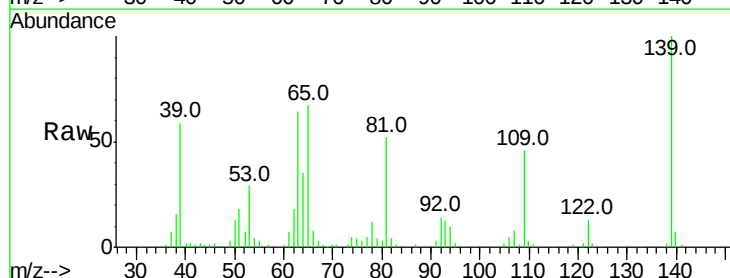
Tgt Ion: 139 Resp: 78752

Ion Ratio Lower Upper

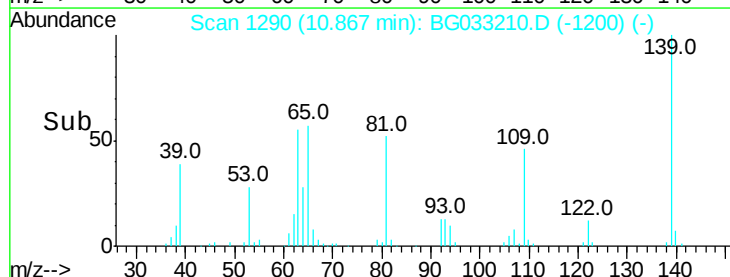
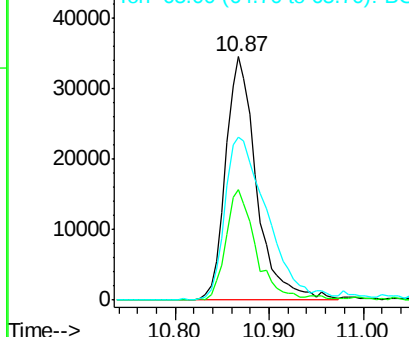
139 100

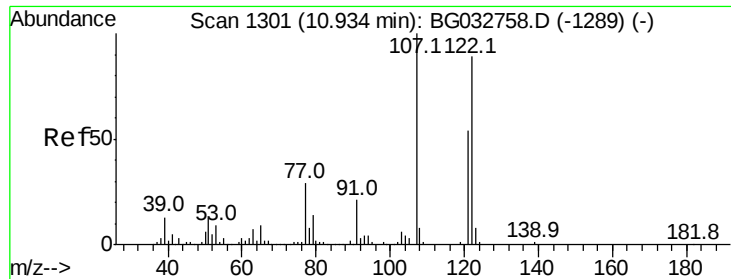
109 45.6 24.2 36.2#

65 66.8 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

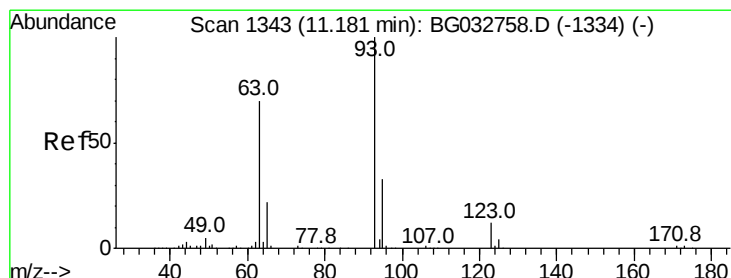
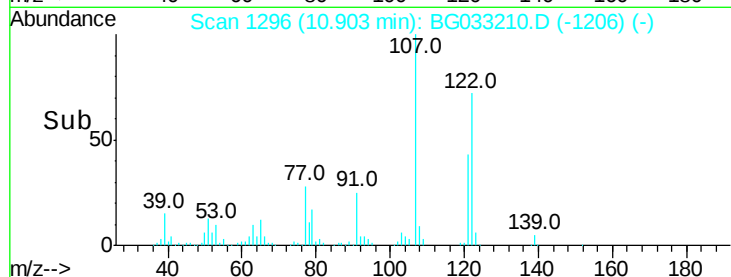
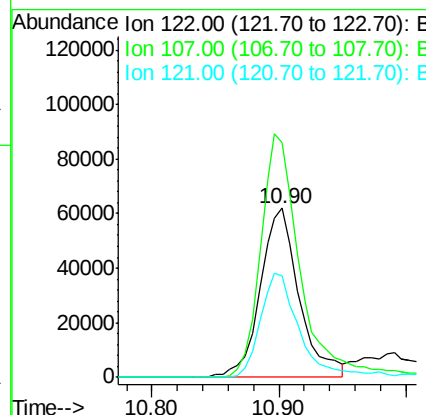
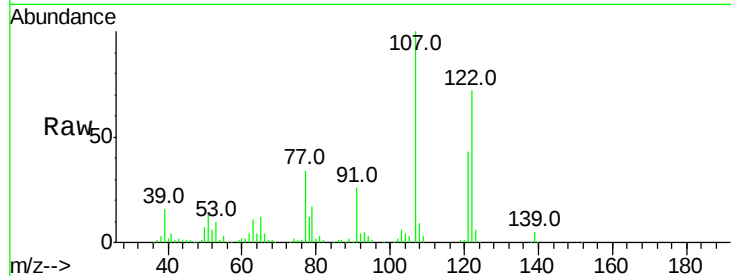




#27
 2,4-Dimethylphenol
 Concen: 50.270 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

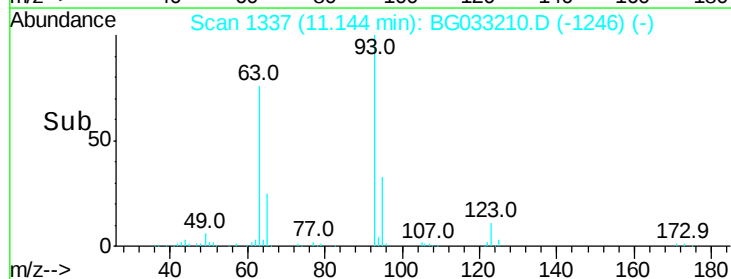
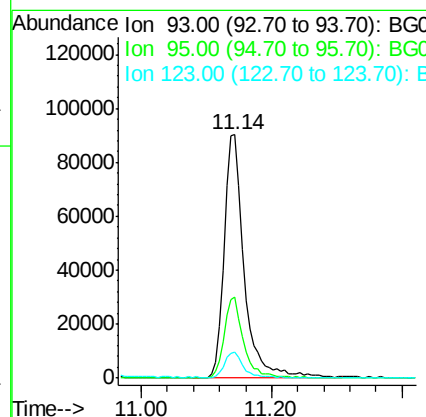
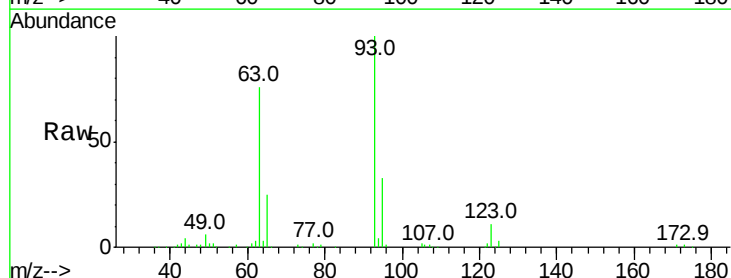
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

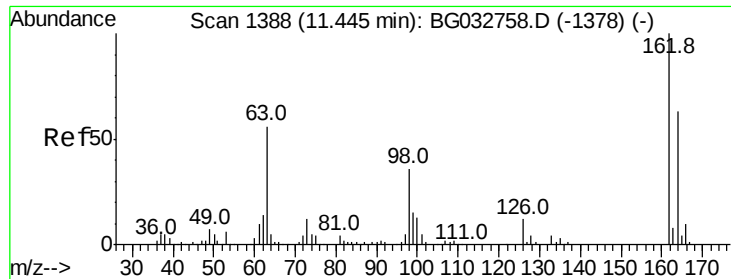
Tot Ion	Ratio	Lower	Upper
122	100		
107	138.9	100.2	150.2
121	59.8	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.763 ng
 RT: 11.14 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	10.6	8.4	12.6

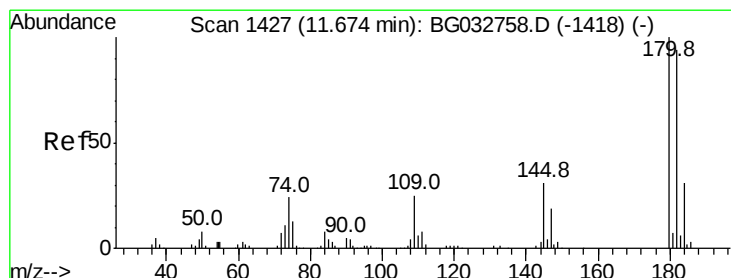
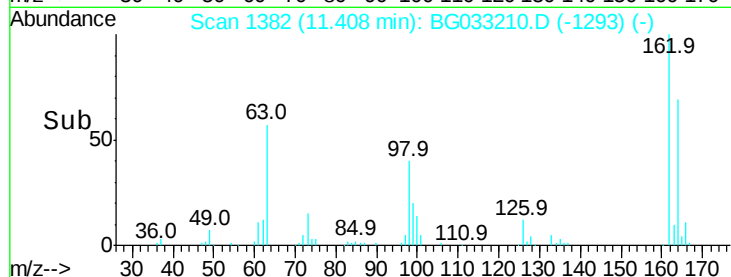
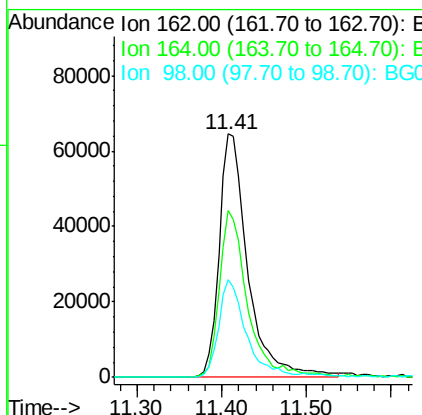
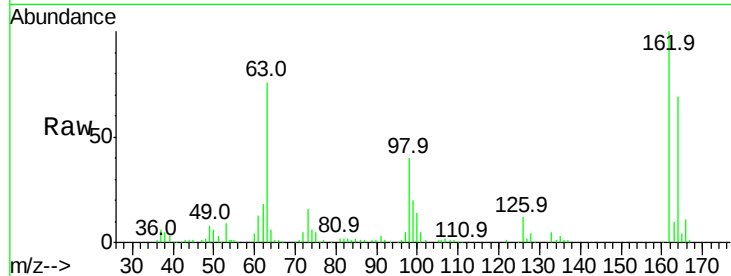




#29
 2,4-Dichlorophenol
 Concen: 63.834 ng
 RT: 11.41 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

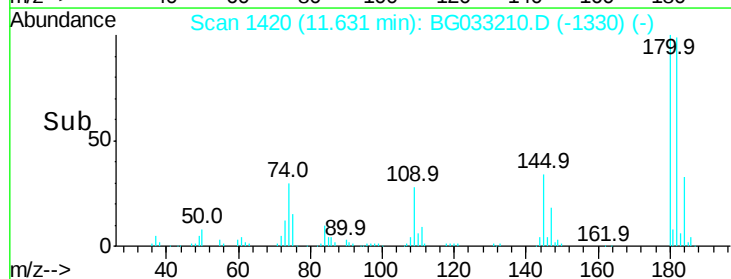
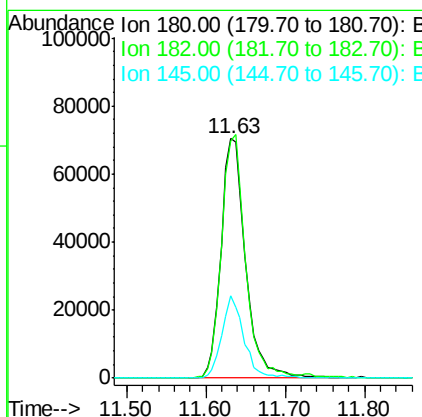
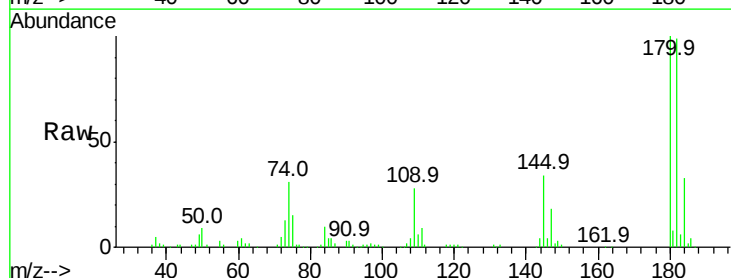
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

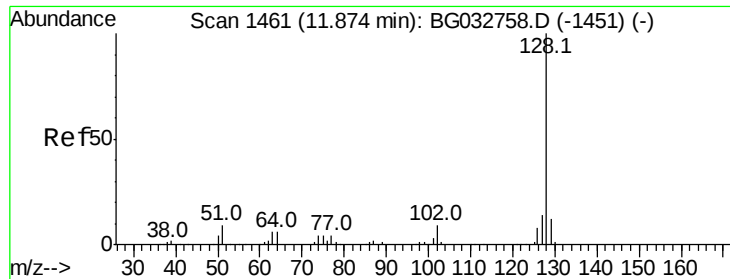
Tot Ion:162 Resp: 152420
 Ion Ratio Lower Upper
 162 100
 164 68.6 48.0 88.0
 98 40.2 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 54.071 ng
 RT: 11.63 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion:180 Resp: 151342
 Ion Ratio Lower Upper
 180 100
 182 98.9 77.5 116.3
 145 34.4 23.4 35.2

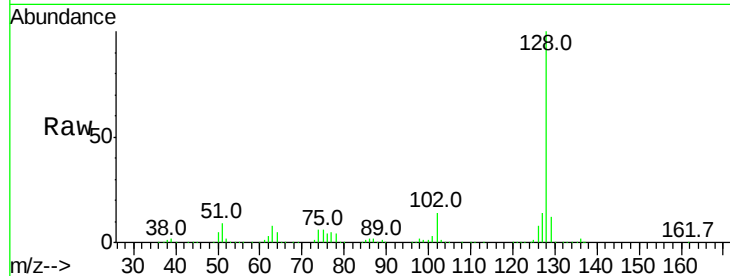




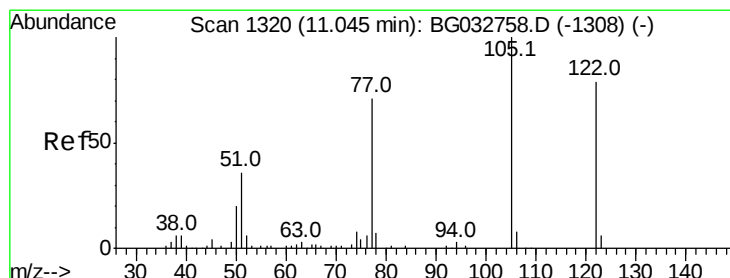
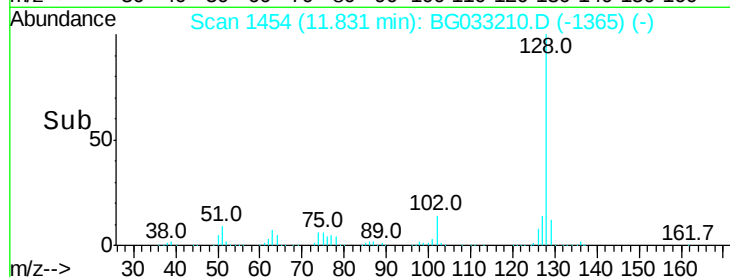
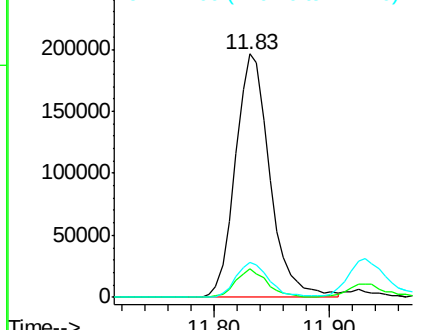
#31
Naphthalene
Concen: 44.964 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion:128 Resp: 405400
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 14.5 11.6 17.4

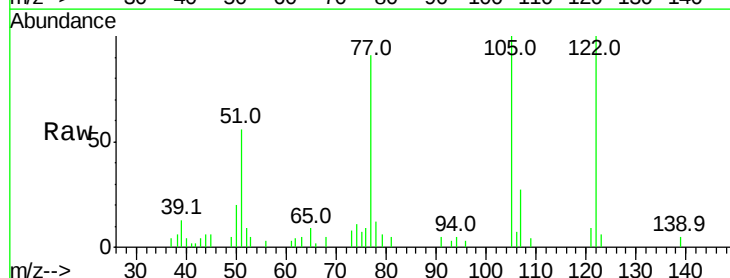


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

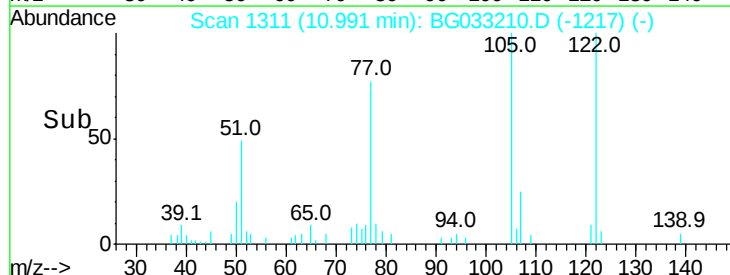
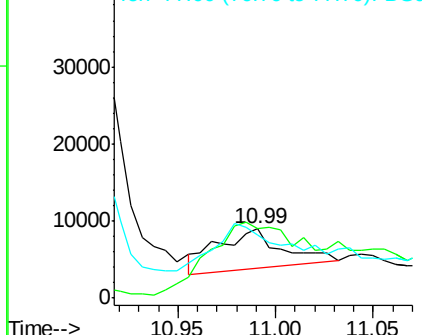


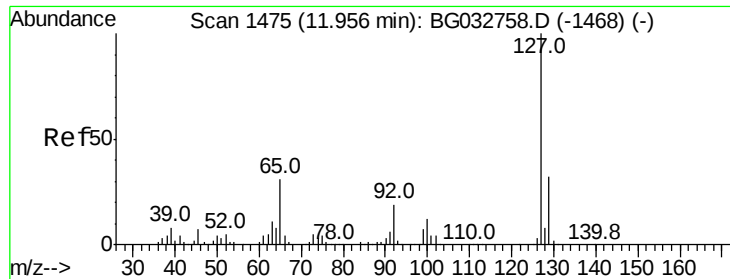
#32
Benzoic acid
Concen: 14.077 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:122 Resp: 11897
Ion Ratio Lower Upper
122 100
105 100.0 123.5 163.5#
77 90.6 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

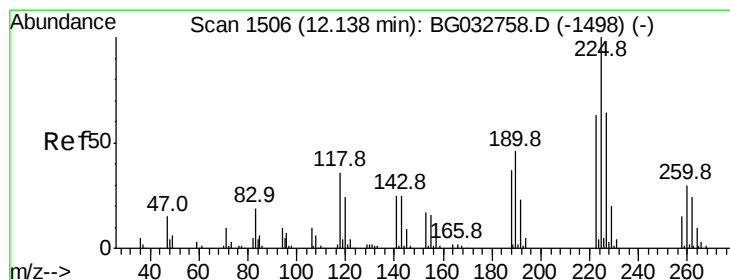
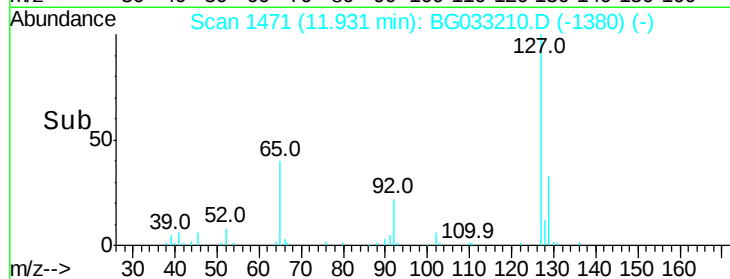
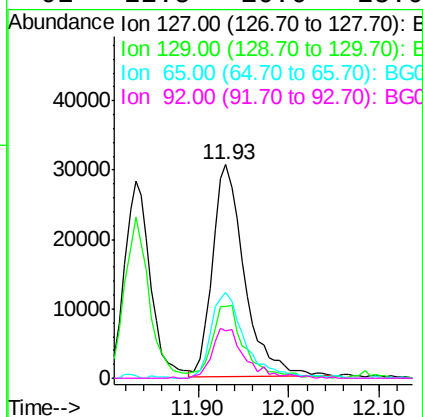
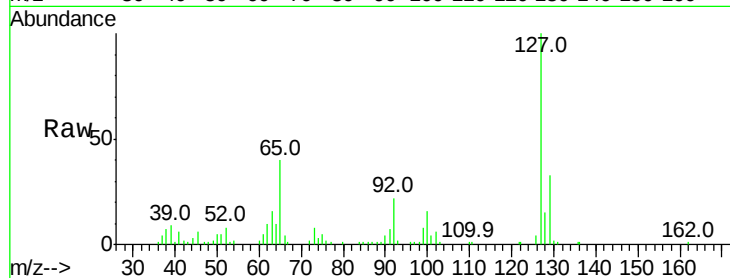




#33
4-Chloroaniline
Concen: 18.699 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

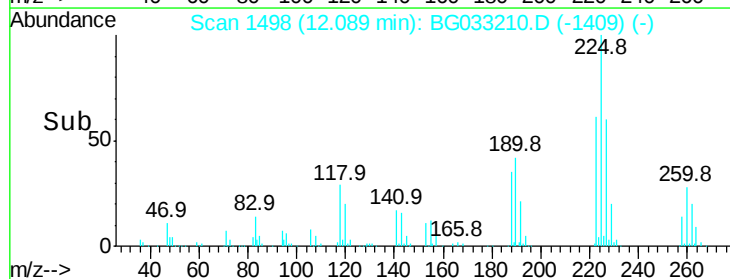
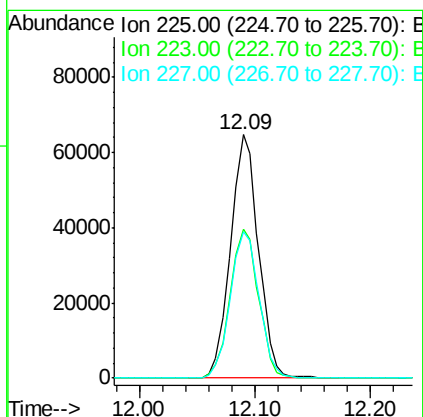
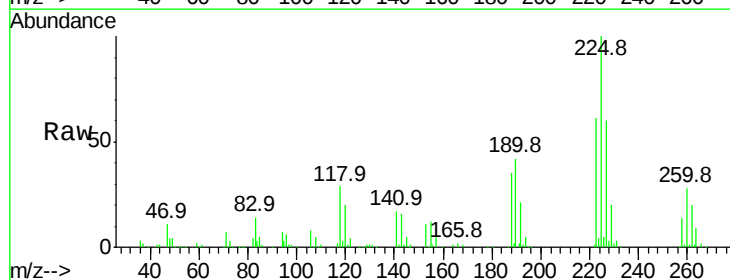
Instrument :
BNA_G
ClientSampleId :
PB107389BS

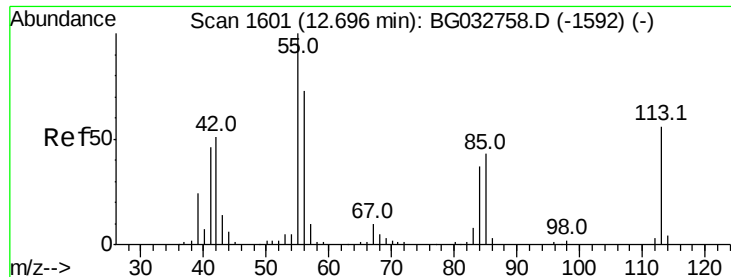
Tot Ion:	127	Resp:	75381
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	40.4	27.0	40.4
92	22.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 68.906 ng
RT: 12.09 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:	225	Resp:	108182
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	59.9	48.1	72.1





#35

Caprolactam

Concen: 56.804 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

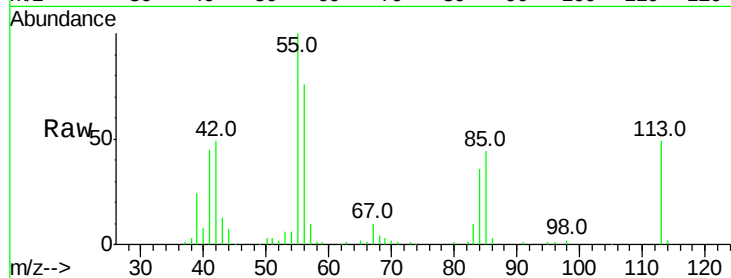
Tot Ion:113 Resp: 54310

Ion Ratio Lower Upper

113 100

55 206.0 186.9 226.9

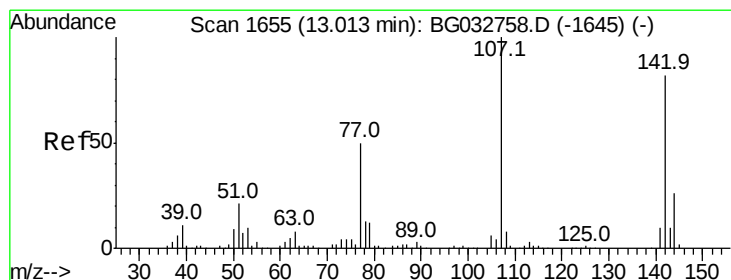
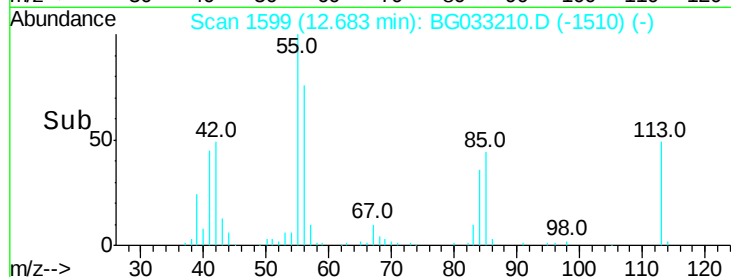
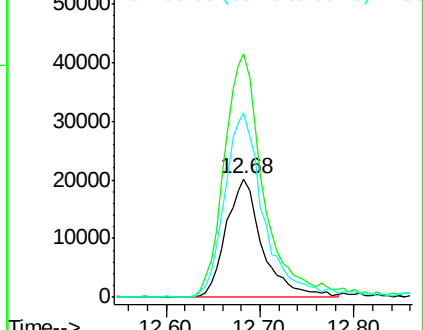
56 156.4 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 69.423 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

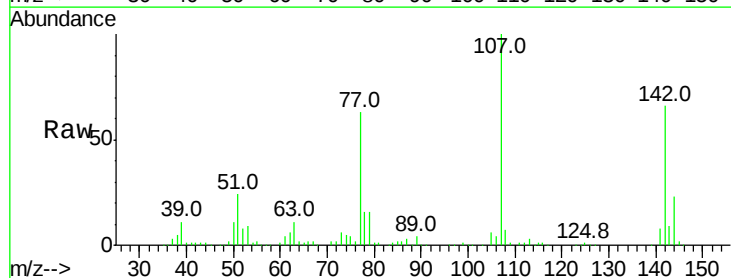
Tgt Ion:107 Resp: 192903

Ion Ratio Lower Upper

107 100

144 22.9 18.2 27.4

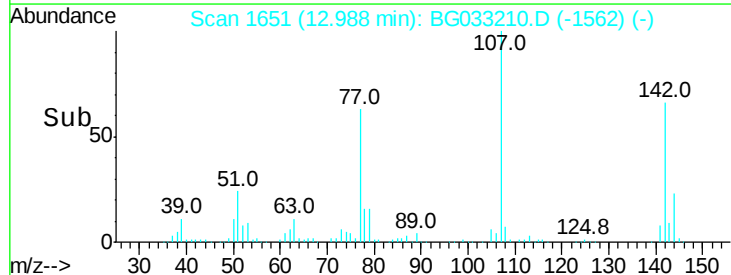
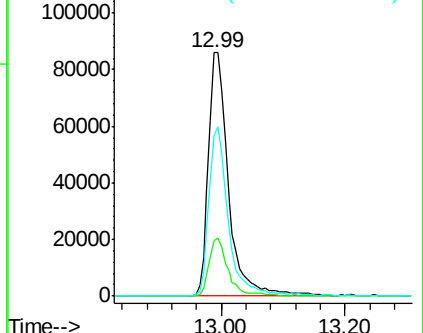
142 66.0 59.0 88.4

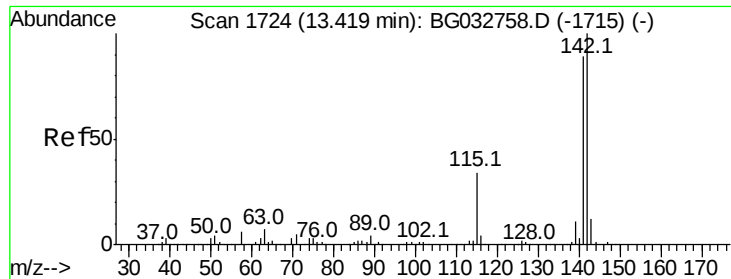


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

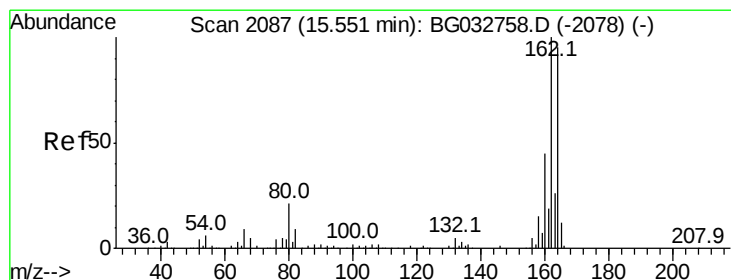
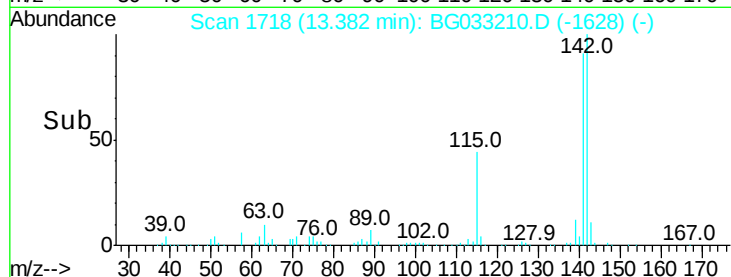
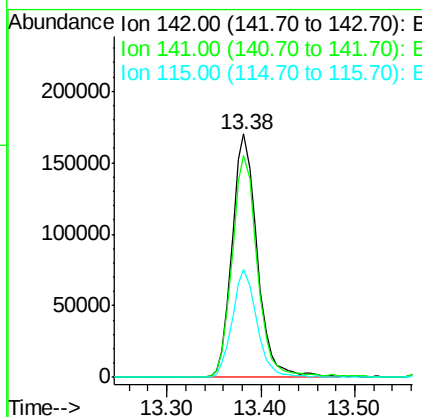
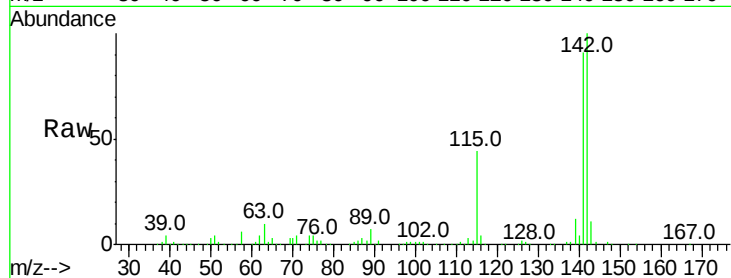




#37
2-Methylnaphthalene
Concen: 48.336 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

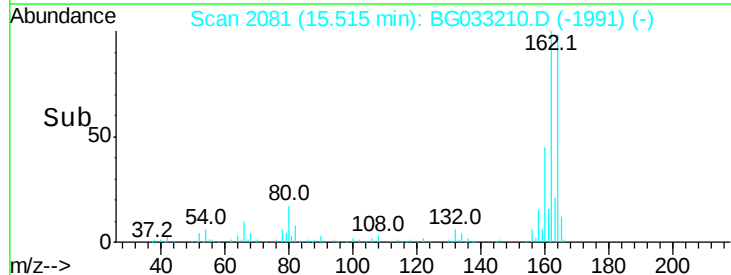
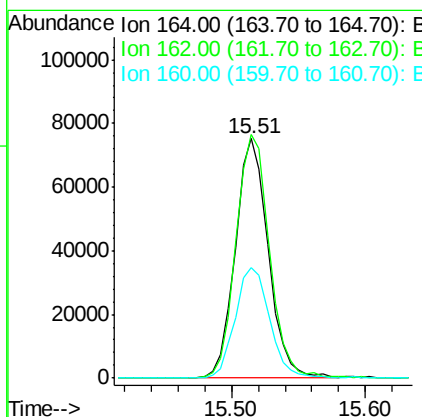
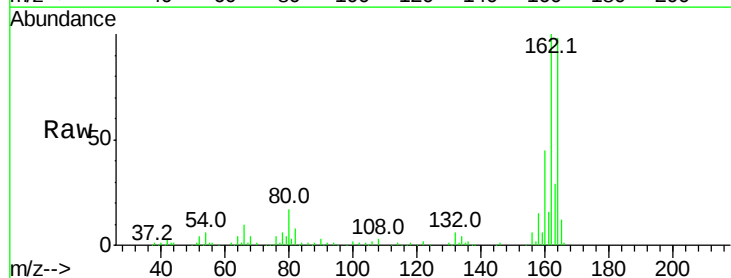
Instrument :
BNA_G
ClientSampleId :
PB107389BS

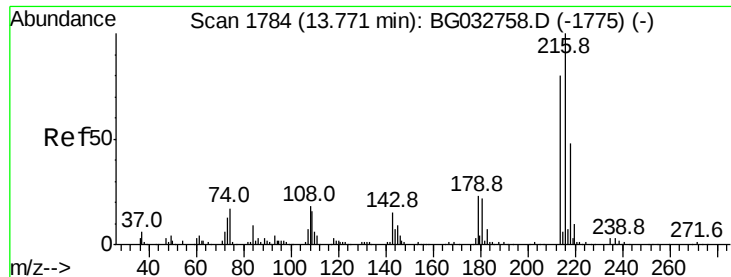
Tot Ion:142 Resp: 315290
Ion Ratio Lower Upper
142 100
141 91.2 67.1 100.7
115 44.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:164 Resp: 128452
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 46.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.915 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

Tot Ion:216 Resp: 201771

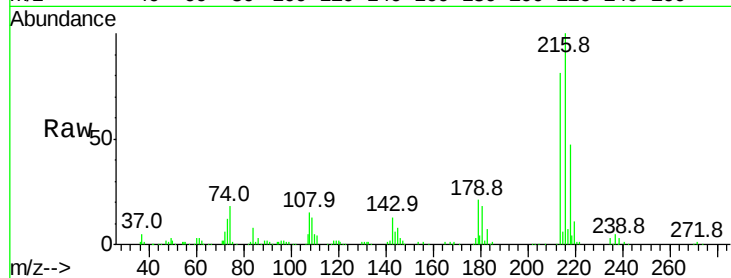
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.2 17.0 25.6

108 18.5 12.8 19.2

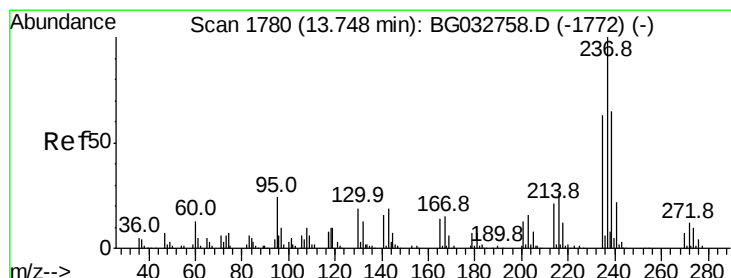
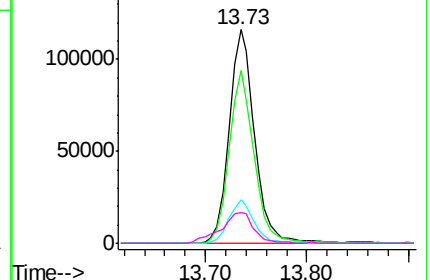
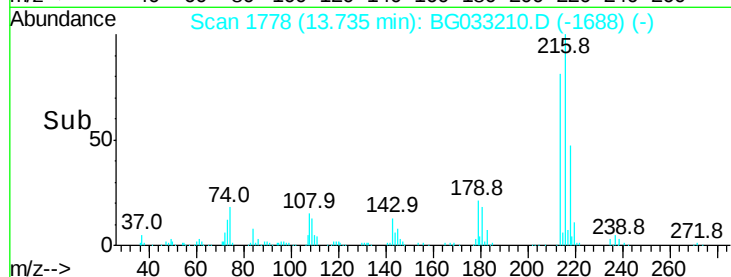


Abundance Ion 216.00 (215.70 to 216.70): E

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: 132.295 ng

RT: 13.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

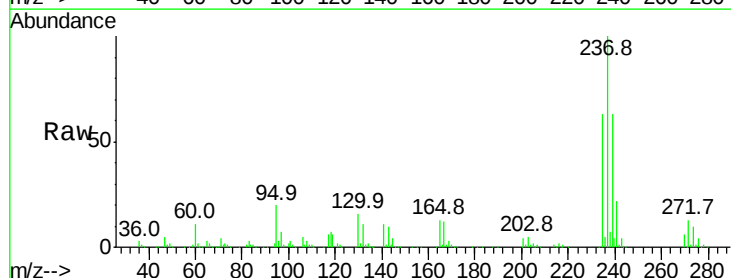
Tgt Ion:237 Resp: 257091

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

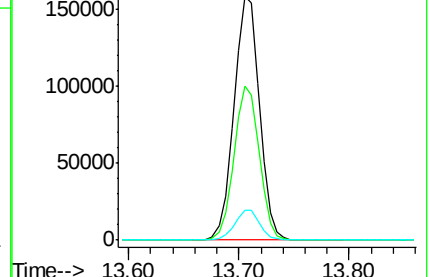
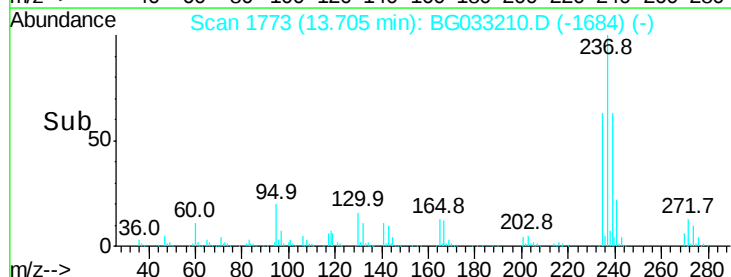
272 12.5 0.0 31.8

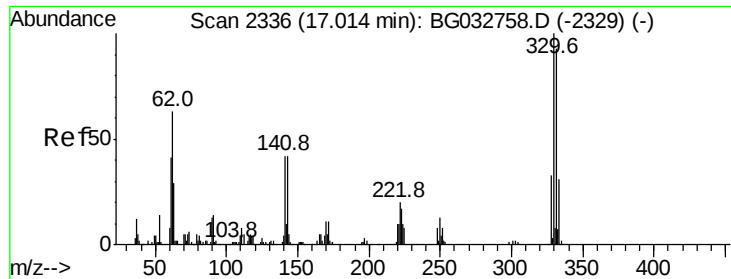


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

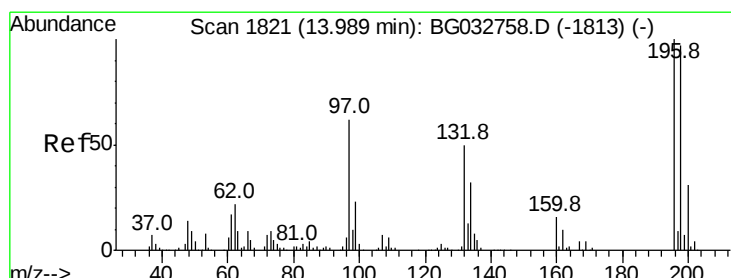
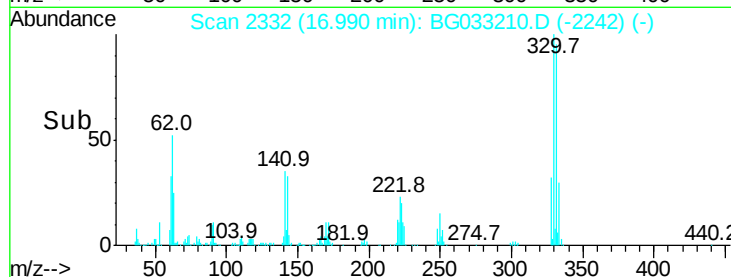
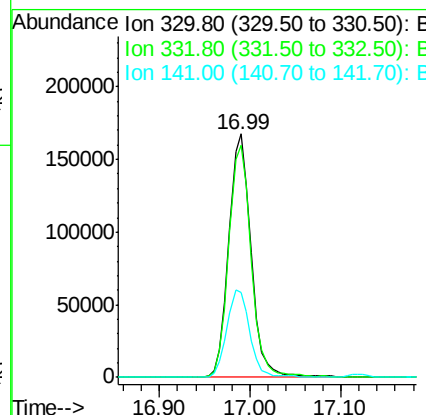
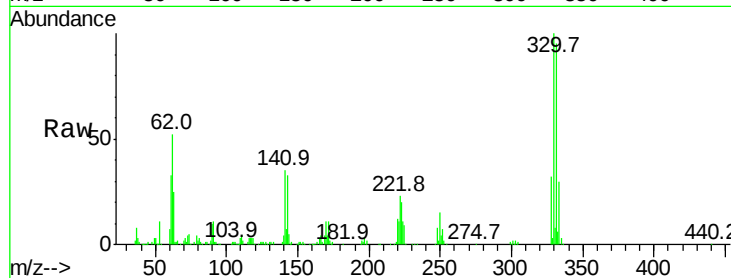




#41
 2,4,6-Tribromophenol
 Concen: 211.550 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

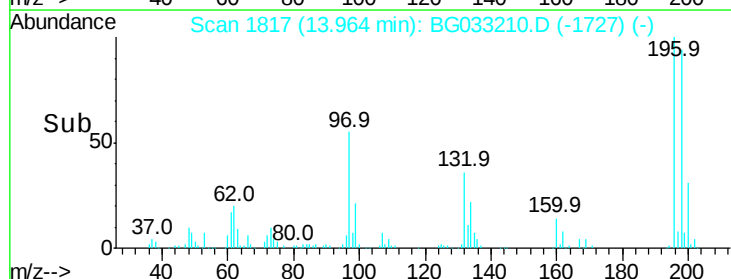
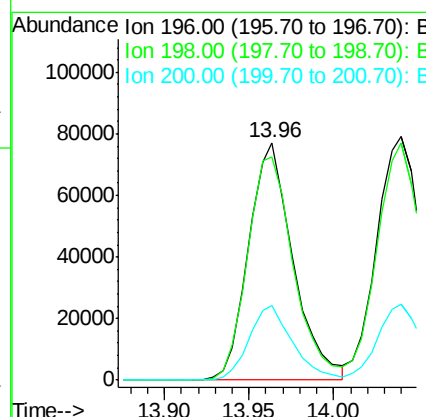
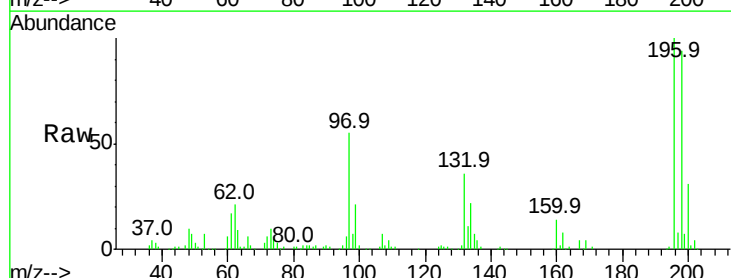
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

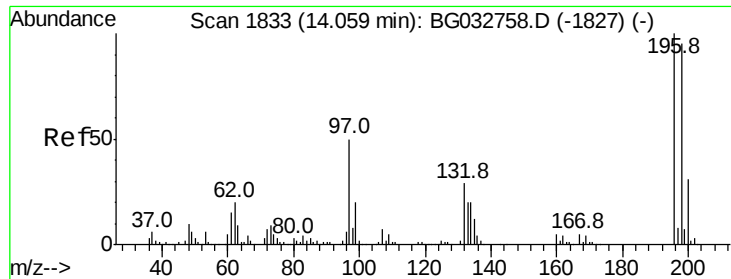
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.8	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 58.704 ng
 RT: 13.96 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	78.2	117.2
200	31.3	24.6	36.8

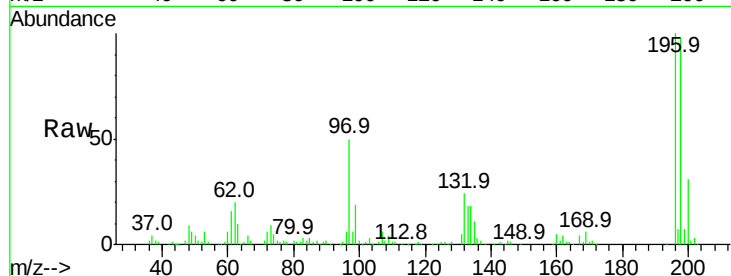




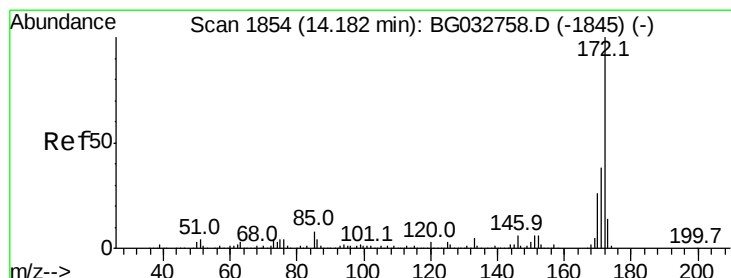
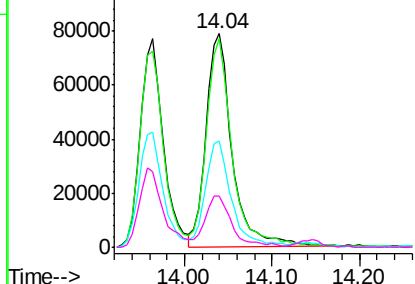
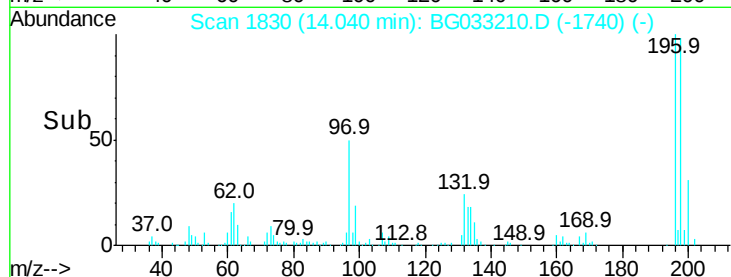
#43
 2,4,5-Trichlorophenol
 Concen: 58.386 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Tot Ion:	196	Resp:	162497
Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.2	114.4
97	49.8	38.7	58.1
132	24.0	20.2	30.2

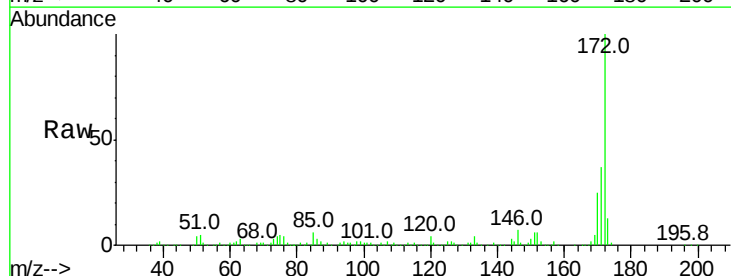


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

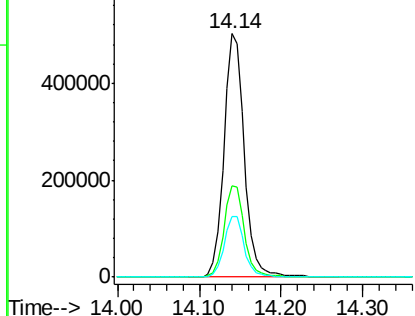
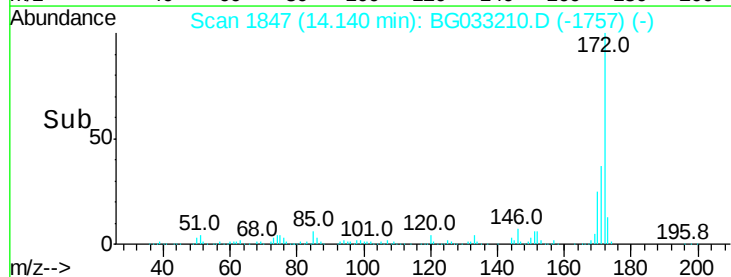


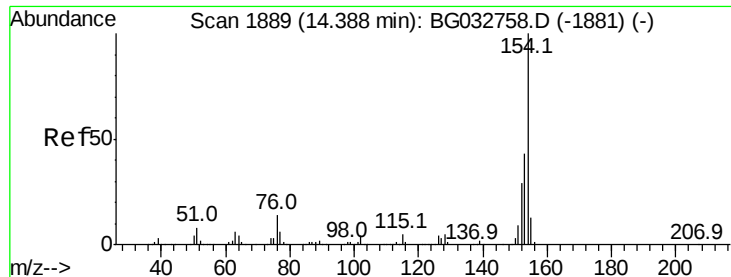
#44
 2-Fluorobiphenyl
 Concen: 97.207 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion:	172	Resp:	865763
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.7	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: 38.668 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

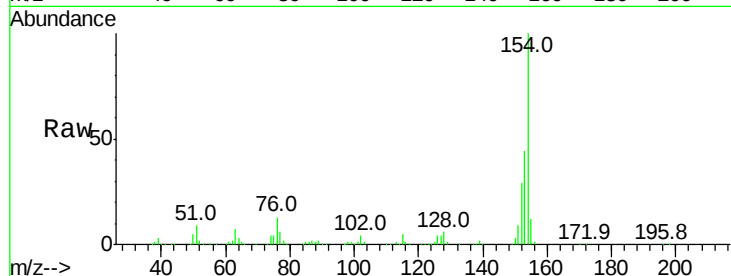
Tot Ion:154 Resp: 434036

Ion Ratio Lower Upper

154 100

153 43.7 19.8 59.8

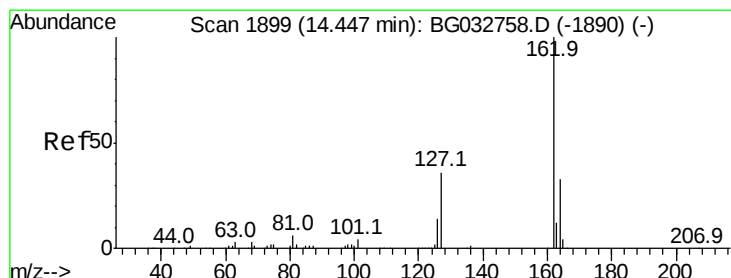
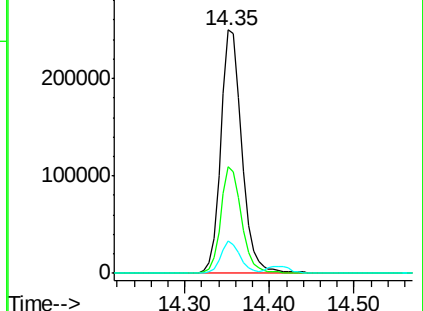
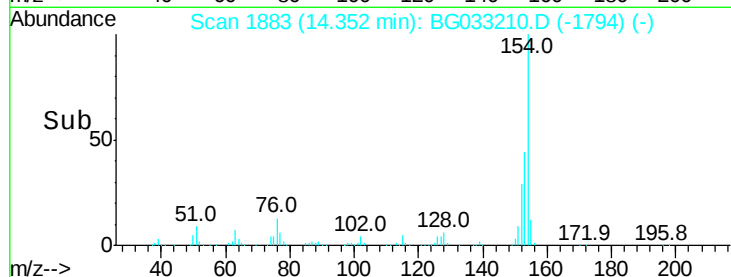
76 13.1 0.0 31.9



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: 40.850 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

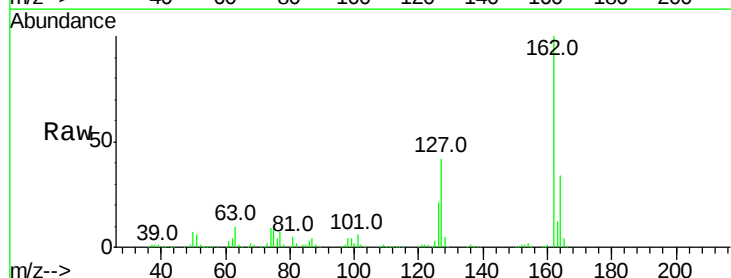
Tgt Ion:162 Resp: 342517

Ion Ratio Lower Upper

162 100

127 41.9 30.7 46.1

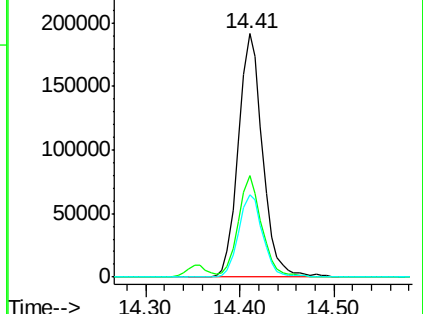
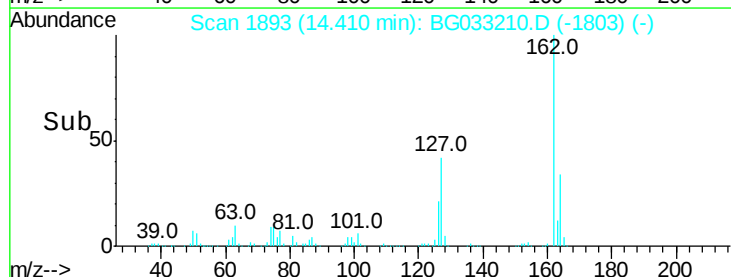
164 33.9 26.0 39.0

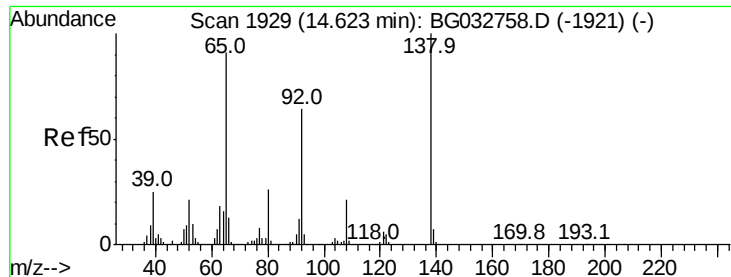


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 64.907 ng

RT: 14.60 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleID :

PB107389BS

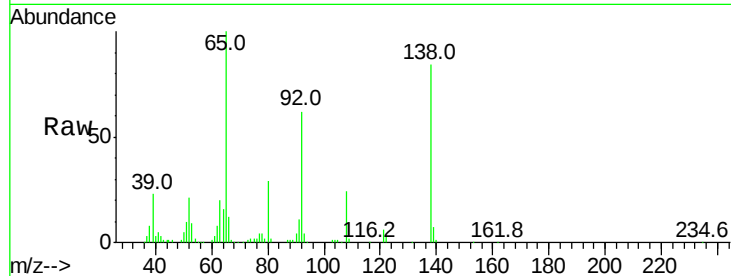
Tot Ion: 65 Resp: 146466

Ion Ratio Lower Upper

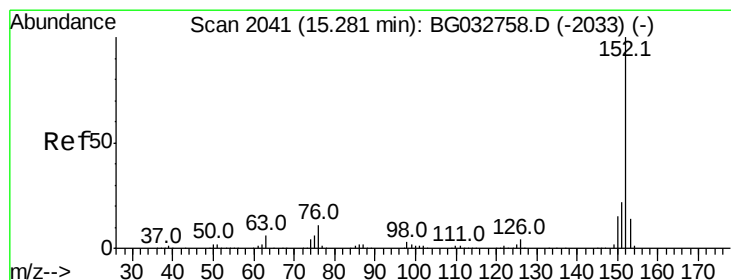
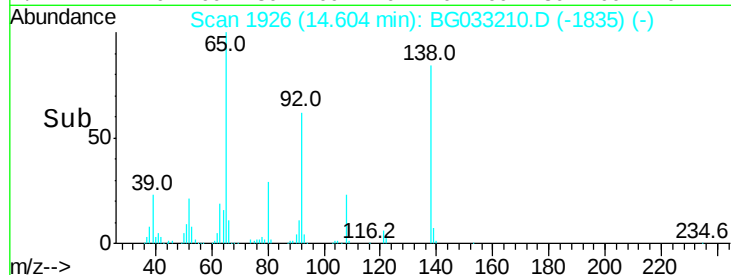
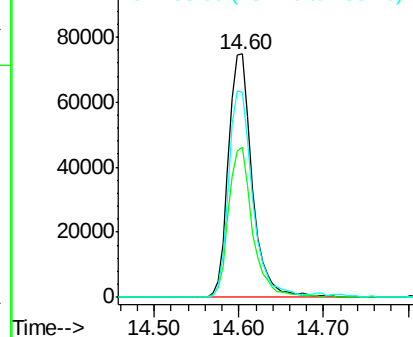
65 100

92 61.6 54.6 82.0

138 84.1 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: 41.251 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

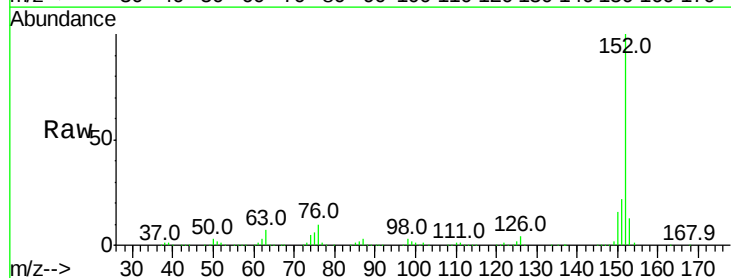
Tgt Ion: 152 Resp: 566281

Ion Ratio Lower Upper

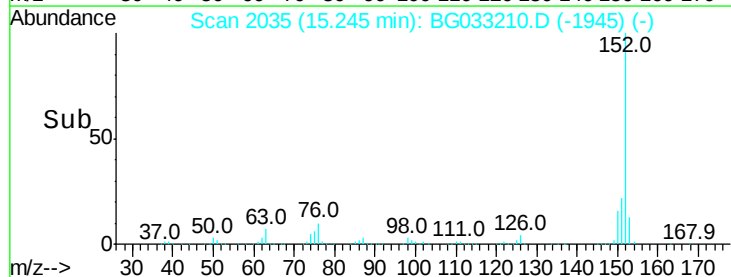
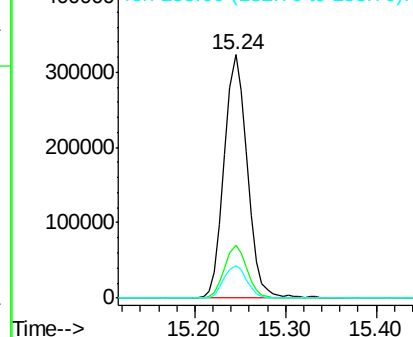
152 100

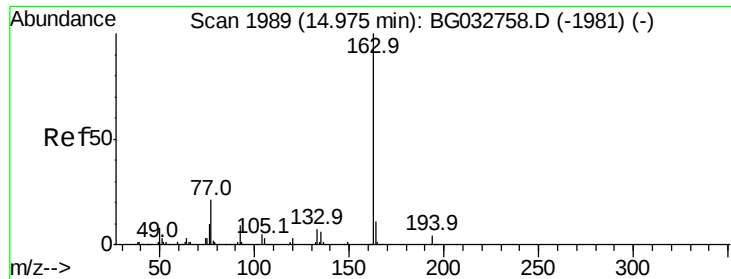
151 21.7 17.2 25.8

153 13.3 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: 46.870 ng

RT: 14.94 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

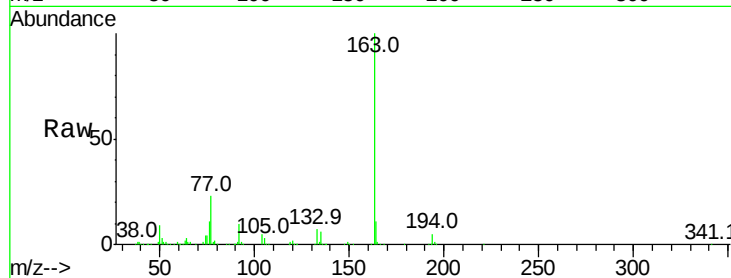
Tot Ion:163 Resp: 511200

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

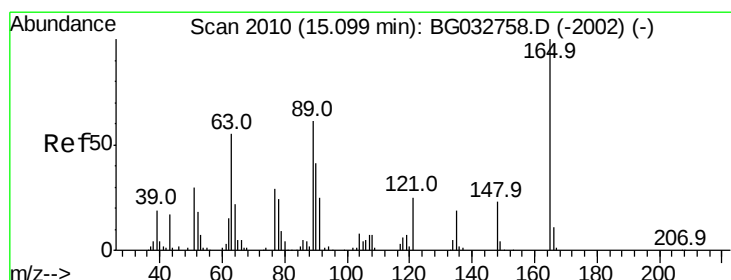
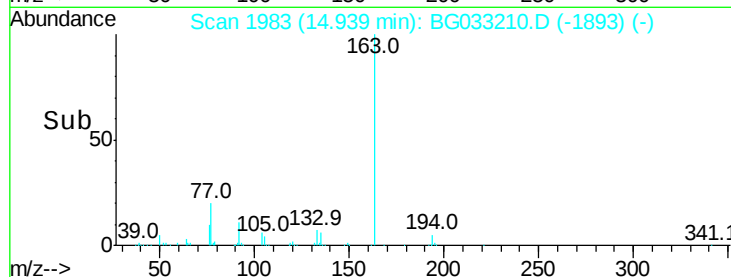
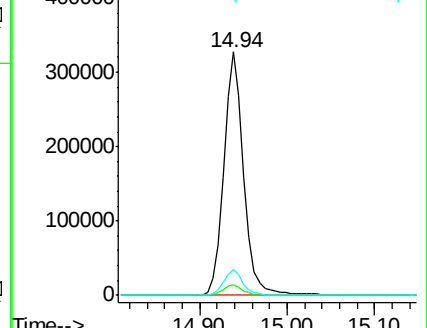
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 57.997 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

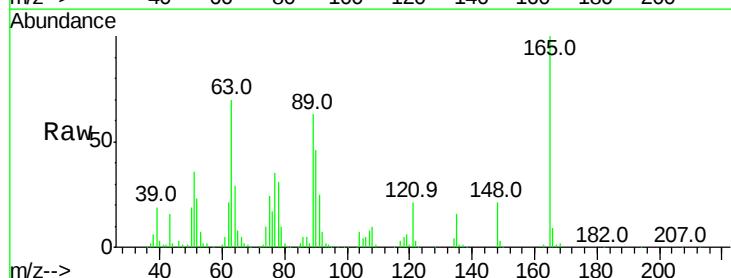
Tgt Ion:165 Resp: 108805

Ion Ratio Lower Upper

165 100

63 69.8 52.7 79.1

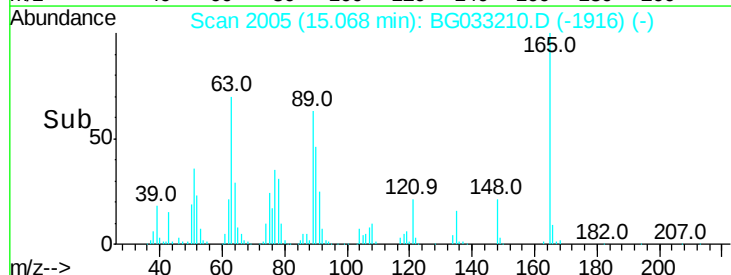
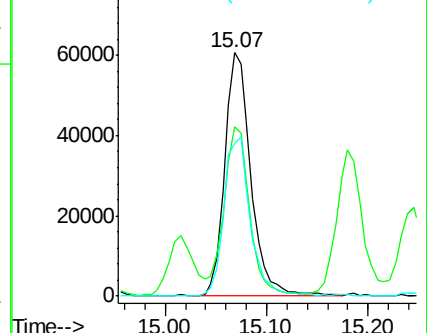
89 62.6 49.2 73.8

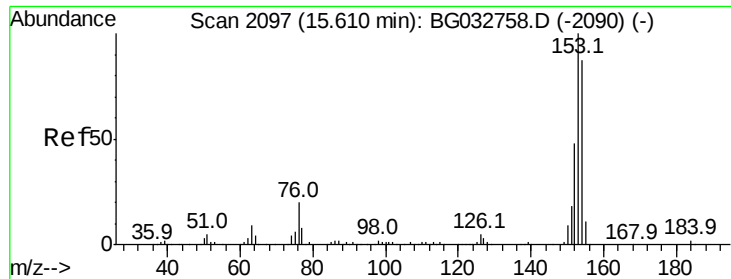


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.186 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

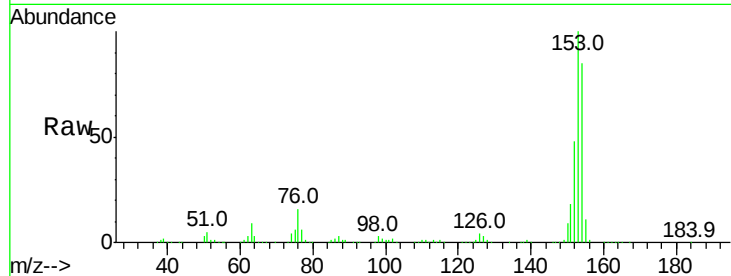
Tot Ion:154 Resp: 360670

Ion Ratio Lower Upper

154 100

153 117.2 90.4 135.6

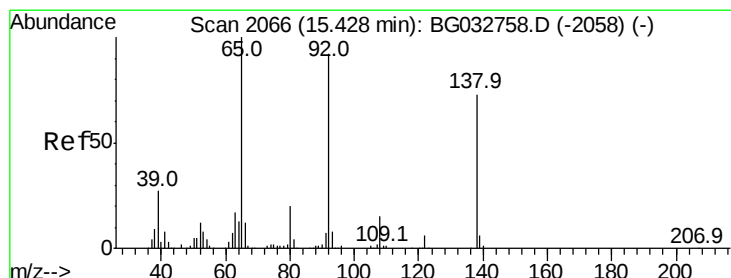
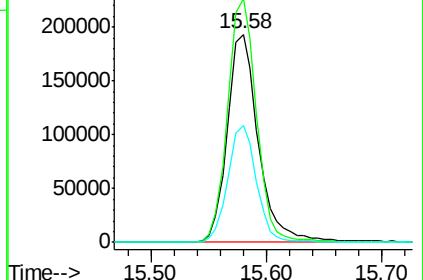
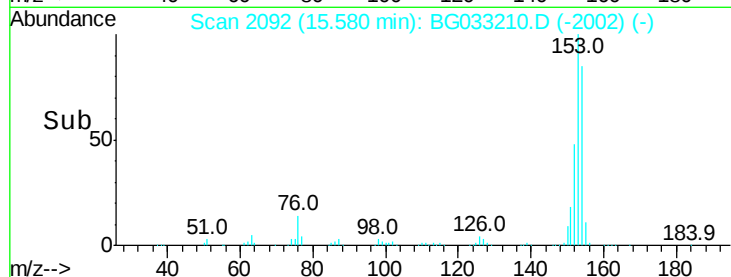
152 56.4 41.6 62.4



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: 30.282 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

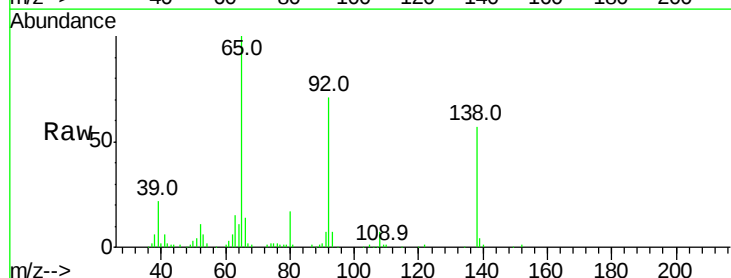
Tgt Ion:138 Resp: 60251

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

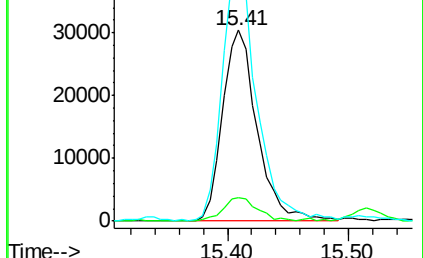
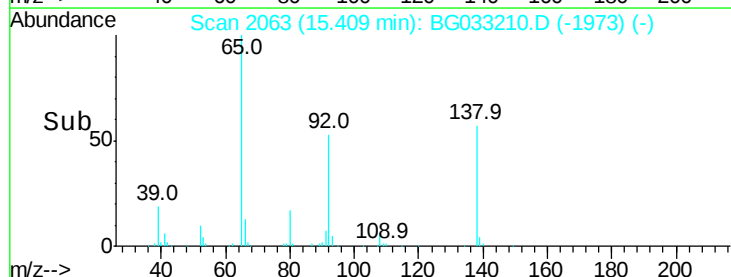
92 123.6 105.8 158.8

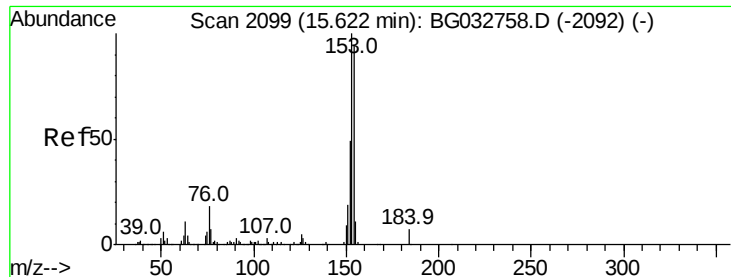


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 66.557 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

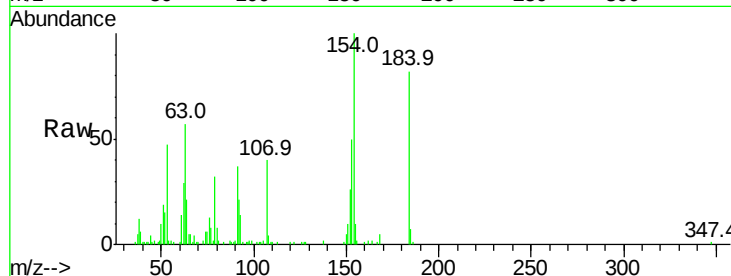
Tot Ion:184 Resp: 35412

Ion Ratio Lower Upper

184 100

63 69.5 59.8 89.8

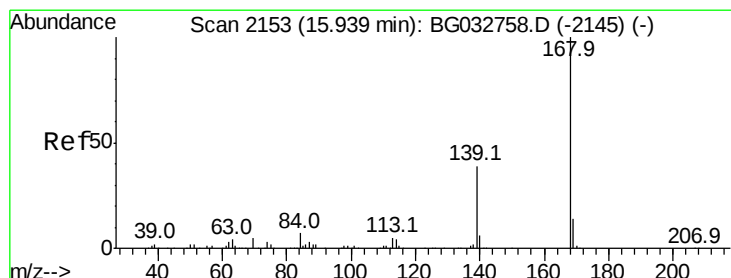
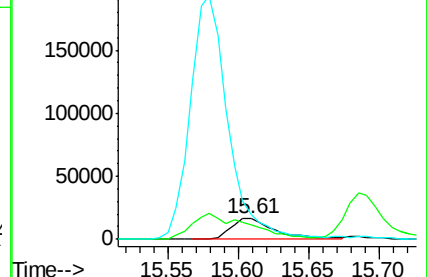
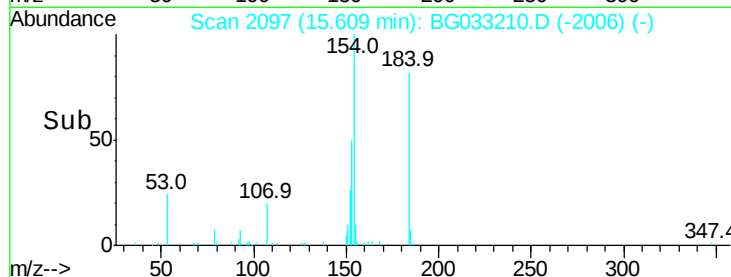
154 122.1 101.8 152.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.963 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

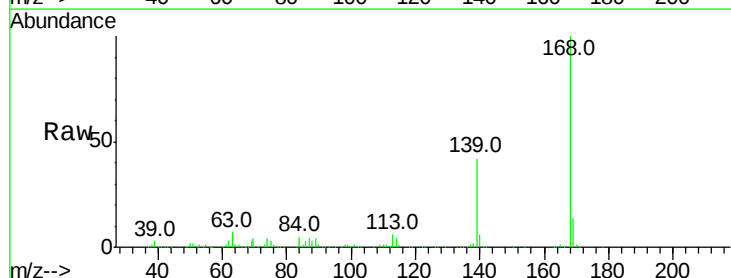
Tgt Ion:168 Resp: 559524

Ion Ratio Lower Upper

168 100

139 41.6 28.6 43.0

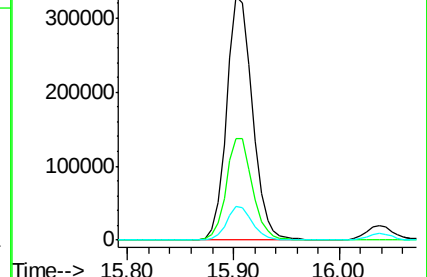
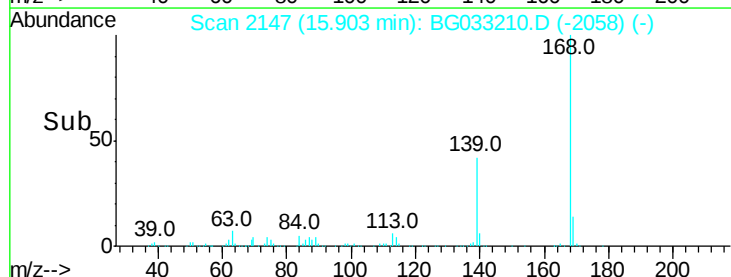
169 14.1 11.2 16.8

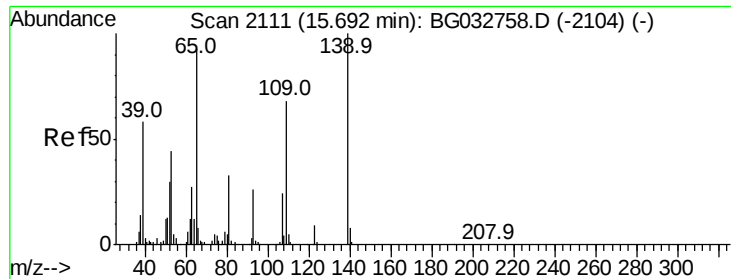


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

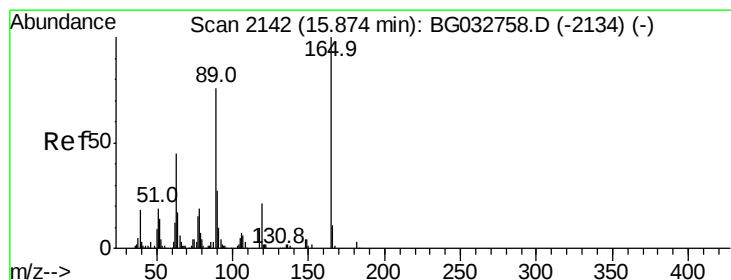
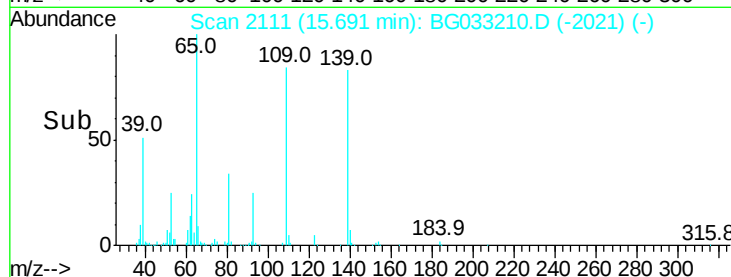
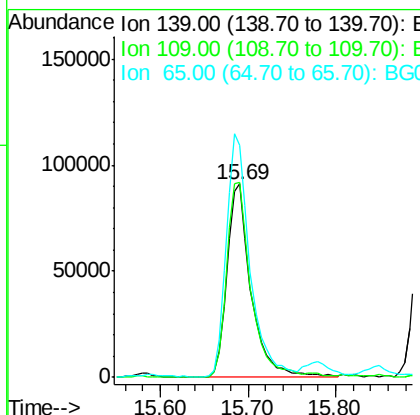
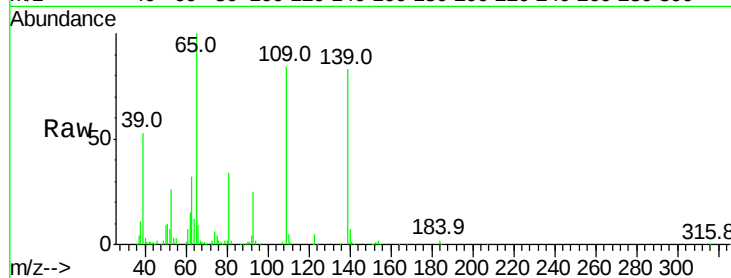




#55
4-Nitrophenol
Concen: 94.756 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

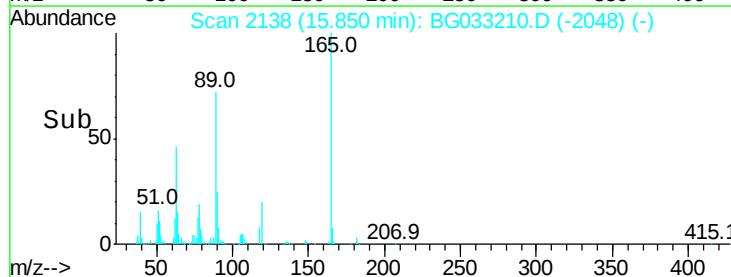
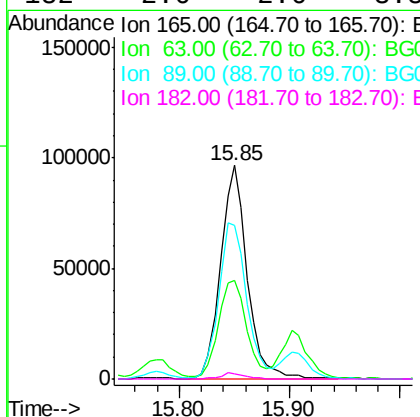
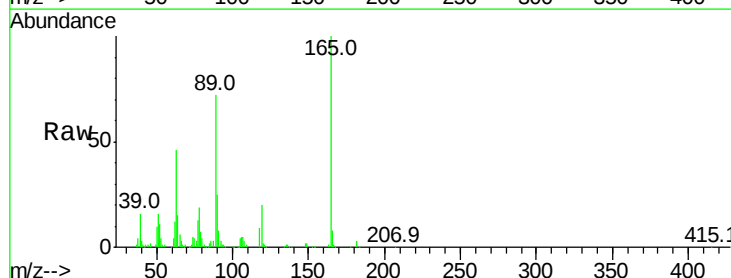
Instrument :
BNA_G
ClientSampleId :
PB107389BS

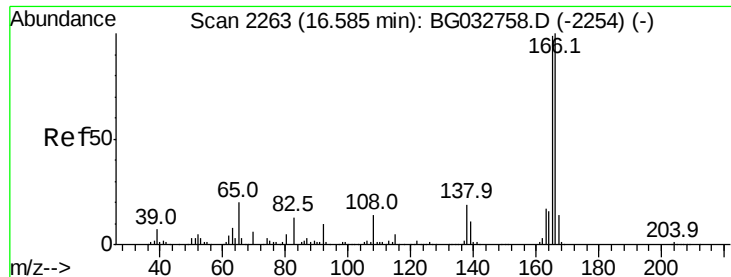
Tot Ion:139 Resp: 171799
Ion Ratio Lower Upper
139 100
109 100.7 62.2 102.2
65 120.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 68.647 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:165 Resp: 162447
Ion Ratio Lower Upper
165 100
63 46.2 42.0 63.0
89 71.8 66.9 100.3
182 2.6 2.6 3.8





#57

Fluorene

Concen: 46.885 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

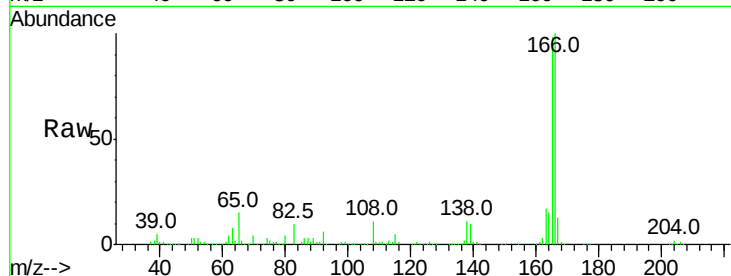
Tot Ion:166 Resp: 471081

Ion Ratio Lower Upper

166 100

165 98.4 80.6 121.0

167 13.2 10.4 15.6

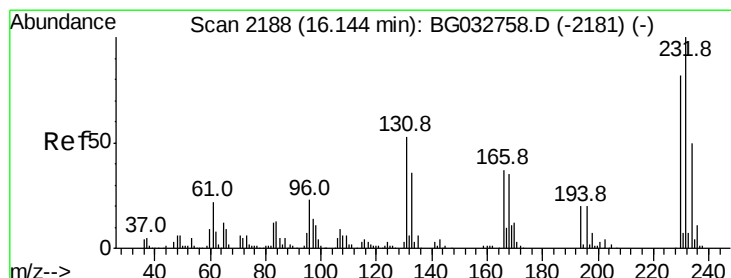
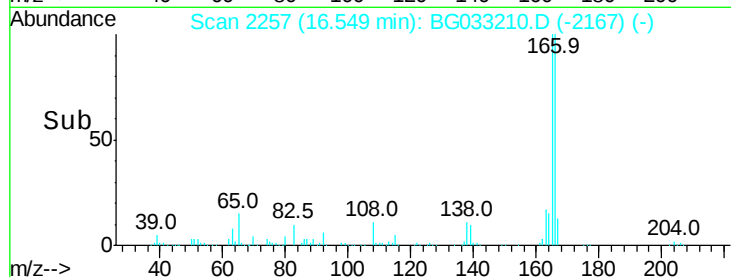
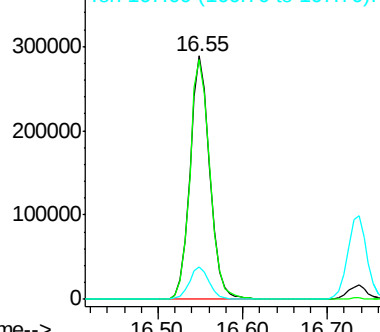


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 74.257 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Tgt Ion:232 Resp: 160458

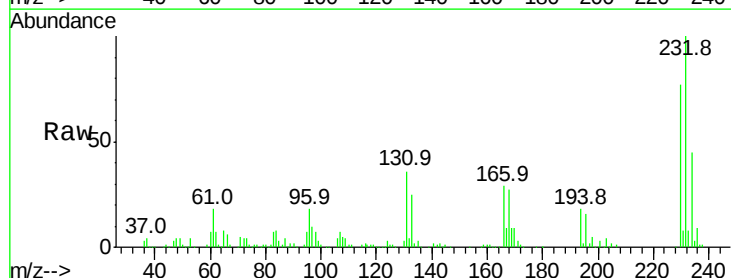
Ion Ratio Lower Upper

232 100

131 40.4 33.5 50.3

130 2.6 2.2 3.2

166 28.5 24.8 37.2



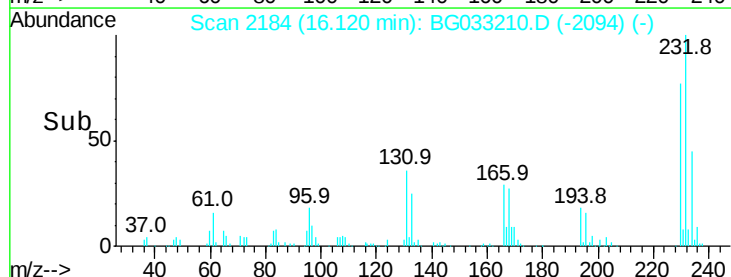
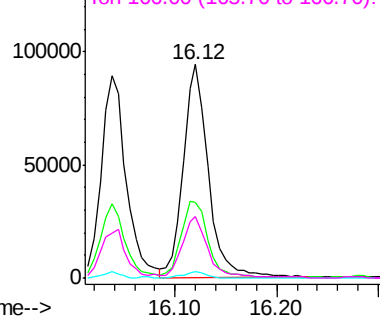
Abundance

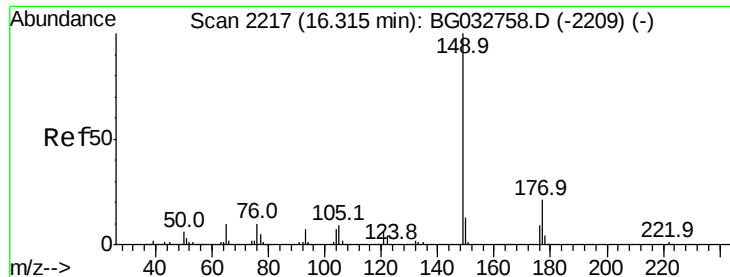
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

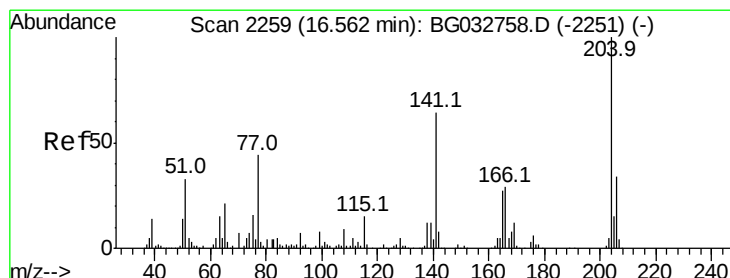
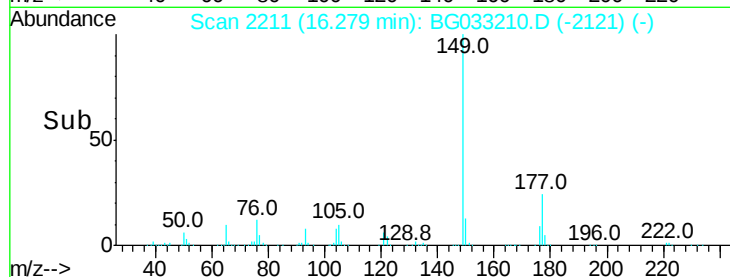
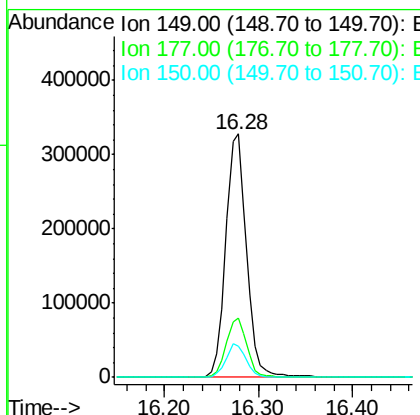
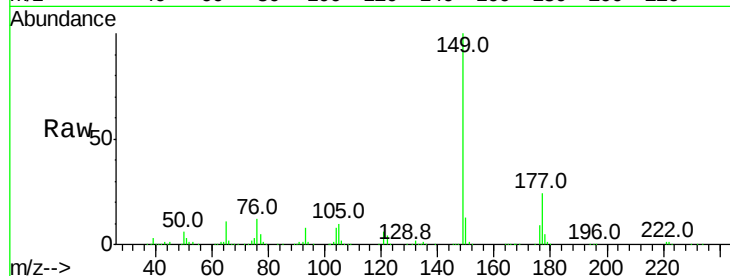




#59
Diethylphthalate
Concen: 43.696 ng
RT: 16.28 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

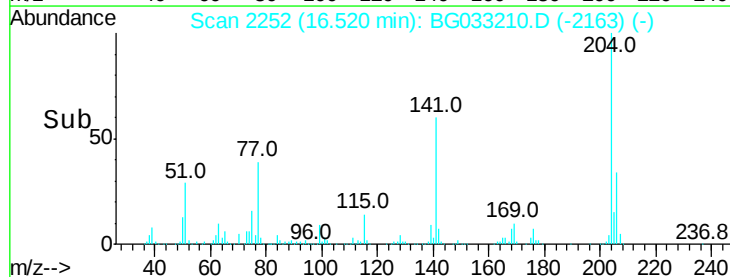
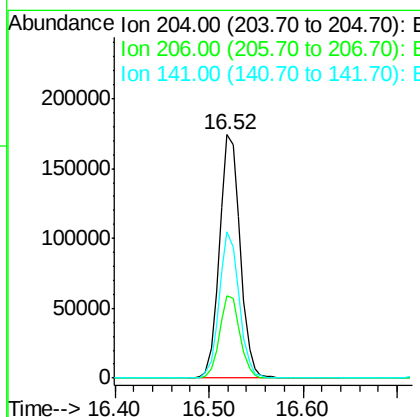
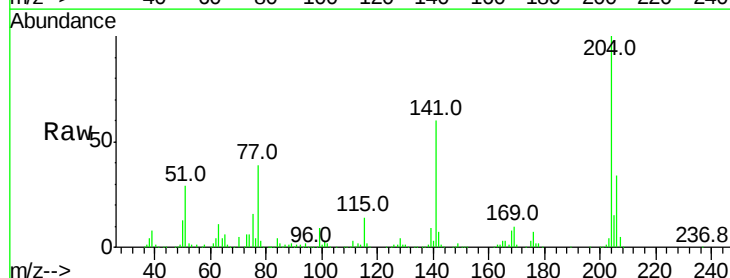
Instrument :
BNA_G
ClientSampleId :
PB107389BS

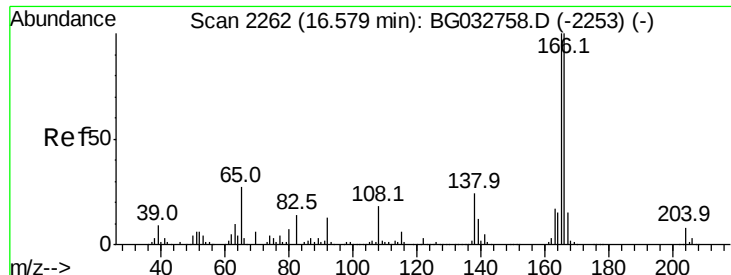
Tot Ion:149 Resp: 502667
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 54.399 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:204 Resp: 267377
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 60.1 45.8 68.6

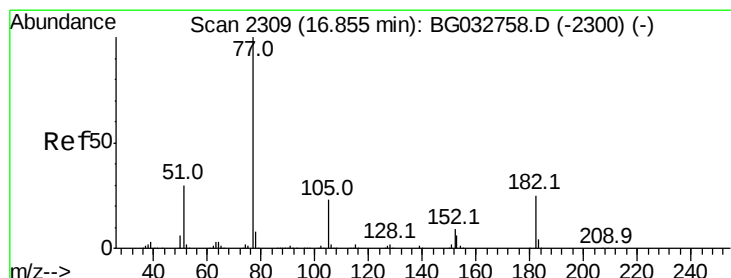
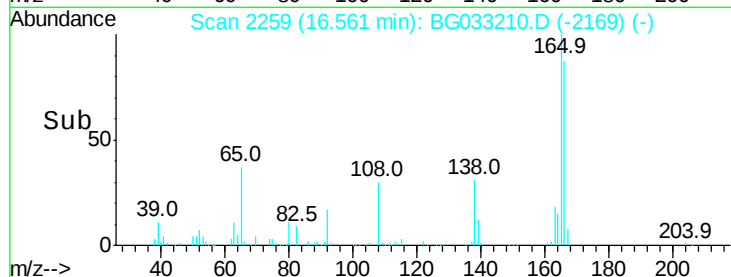
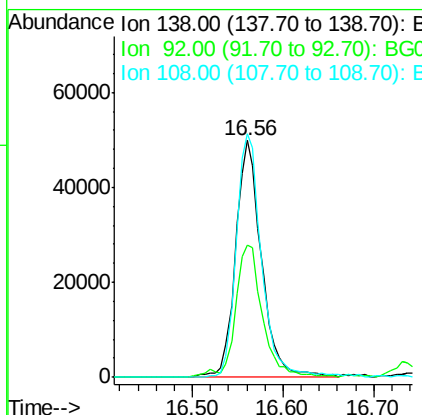
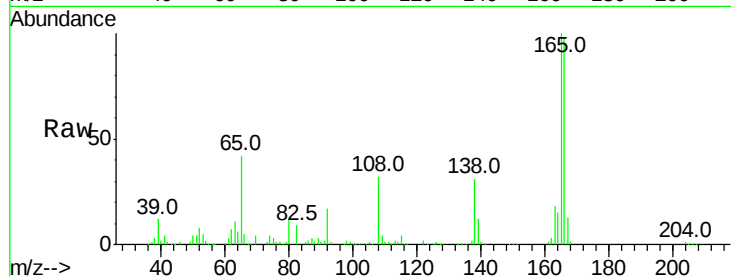




#61
4-Nitroaniline
Concen: 42.811 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

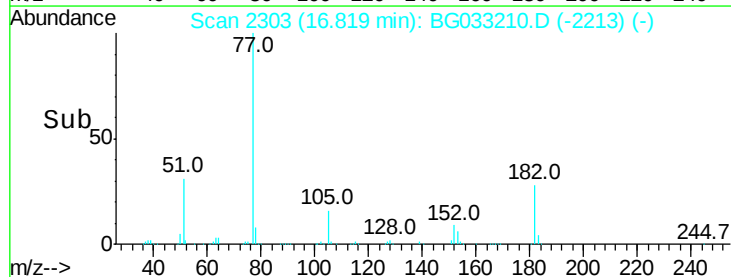
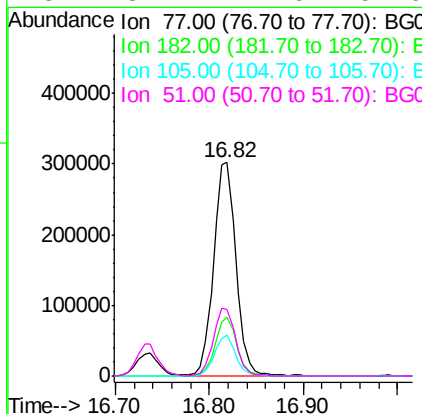
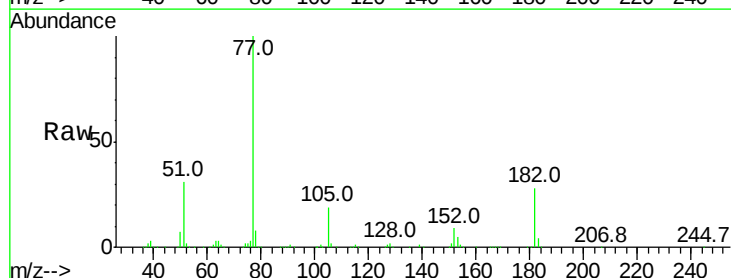
Instrument :
BNA_G
ClientSampleId :
PB107389BS

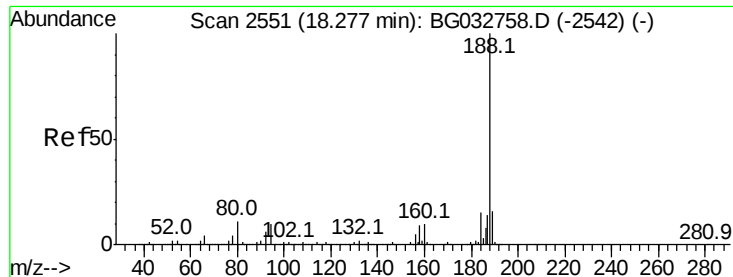
Tot Ion:138 Resp: 99564
Ion Ratio Lower Upper
138 100
92 56.1 40.1 80.1
108 102.8 65.4 105.4



#62
Azobenzene
Concen: 48.906 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion: 77 Resp: 503309
Ion Ratio Lower Upper
77 100
182 27.7 7.4 47.4
105 19.2 0.3 40.3
51 31.2 11.6 51.6

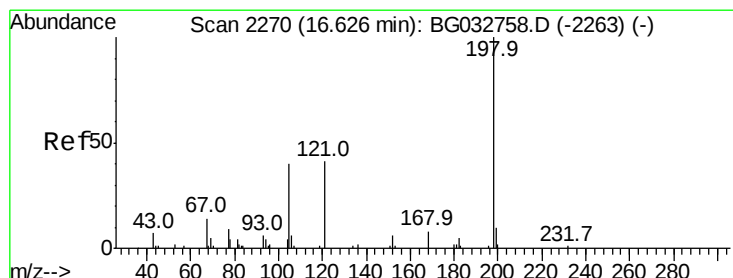
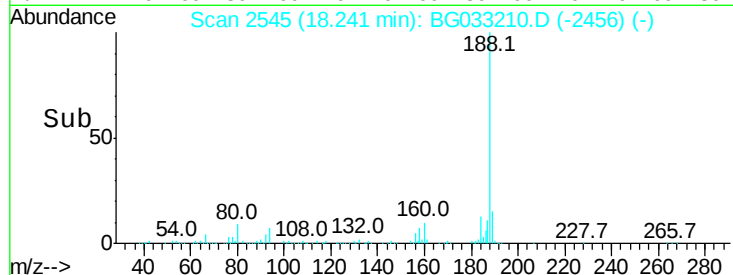
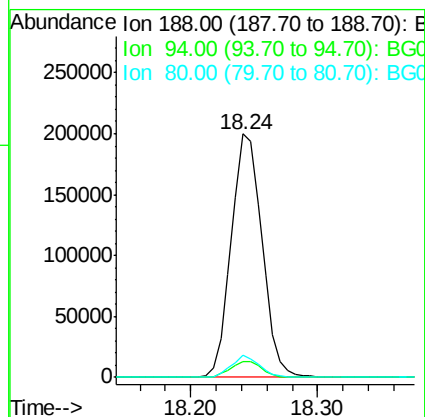
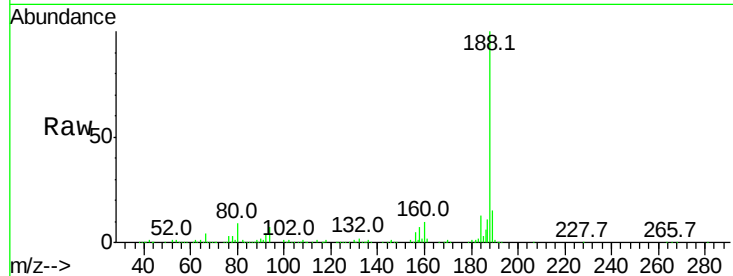




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

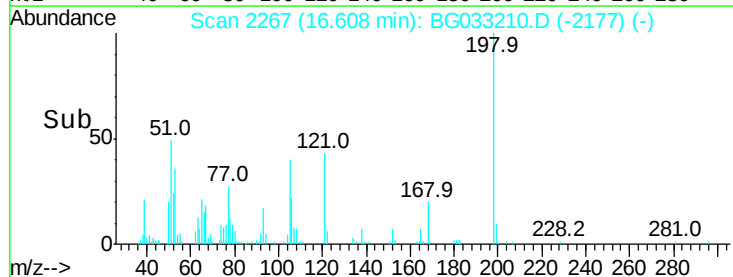
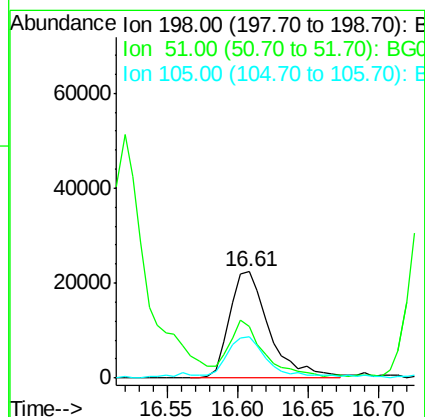
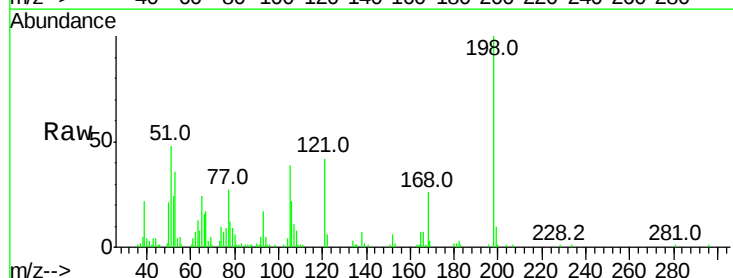
Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion:188 Resp: 335991
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 9.0 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 45.841 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:198 Resp: 43915
Ion Ratio Lower Upper
198 100
51 48.3 30.6 70.6
105 39.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 40.240 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

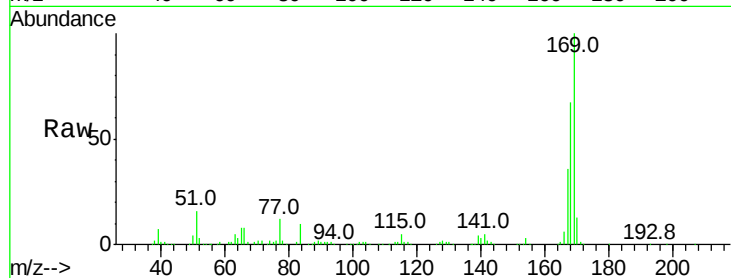
Tot Ion:169 Resp: 439832

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

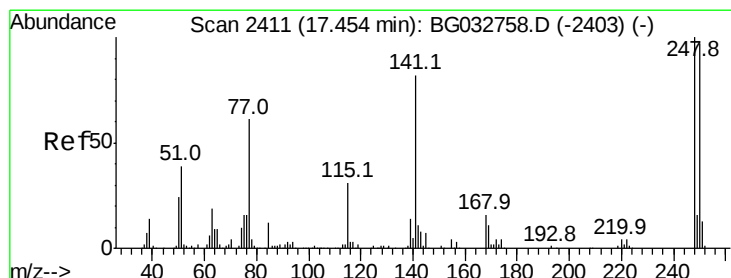
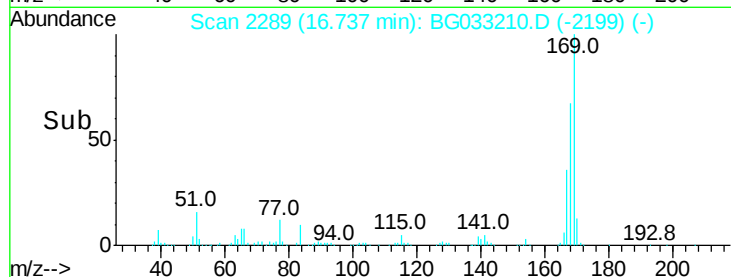
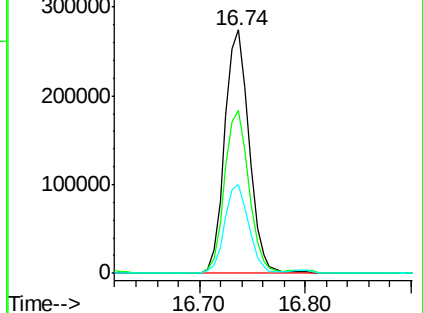
167 36.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.758 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

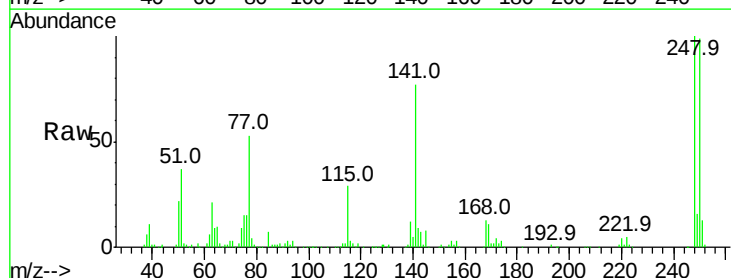
Tgt Ion:248 Resp: 176777

Ion Ratio Lower Upper

248 100

250 99.5 77.1 115.7

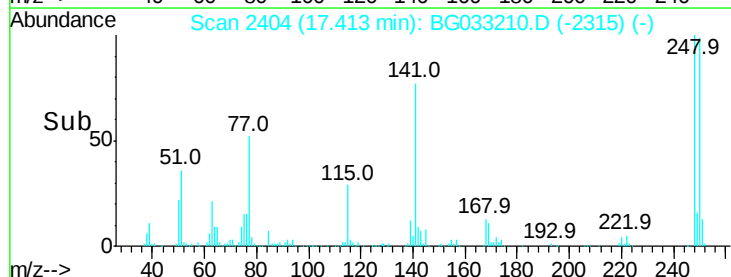
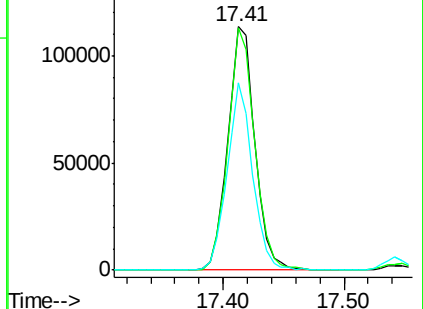
141 76.8 50.8 76.2#

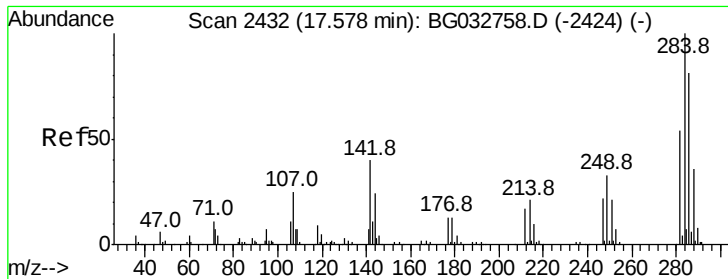


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

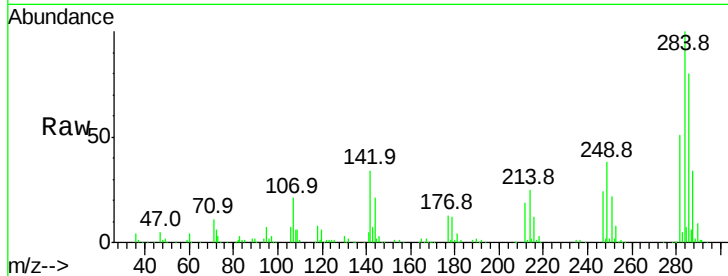




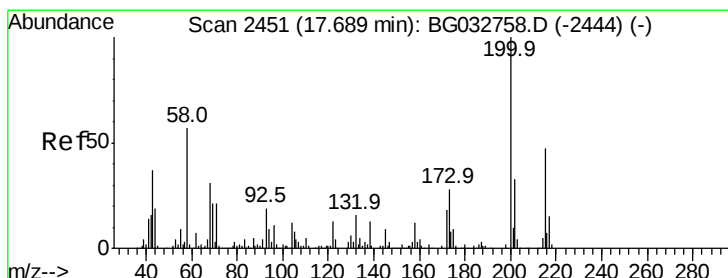
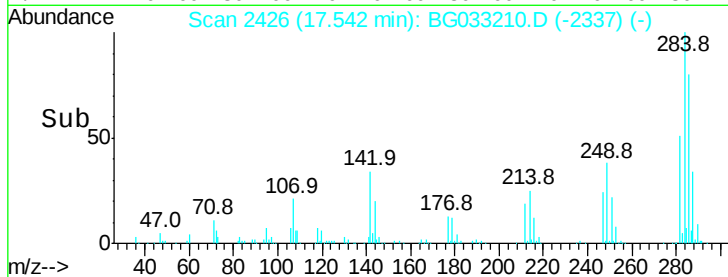
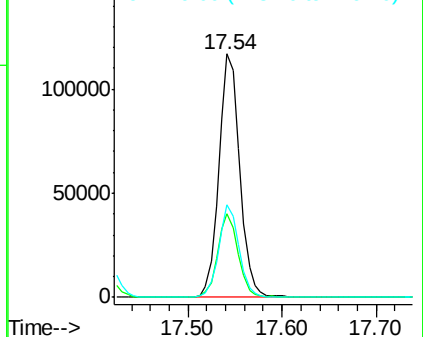
#67
Hexachlorobenzene
Concen: 47.198 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion:284 Resp: 181208
Ion Ratio Lower Upper
284 100
142 34.4 26.8 40.2
249 40.3 26.3 39.5#

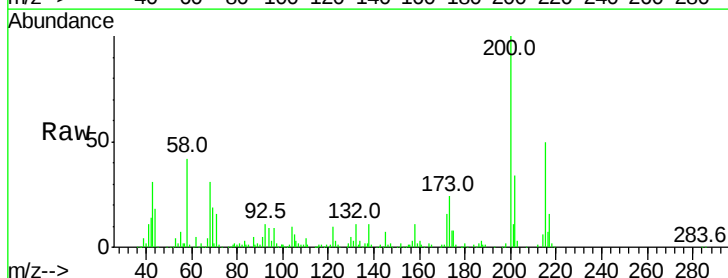


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

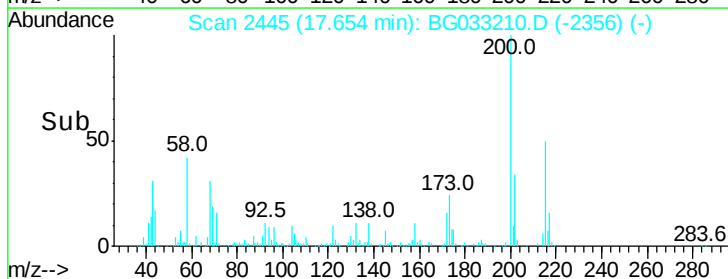
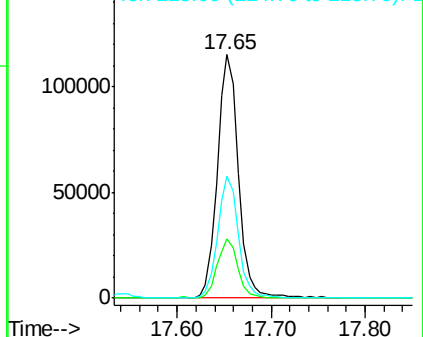


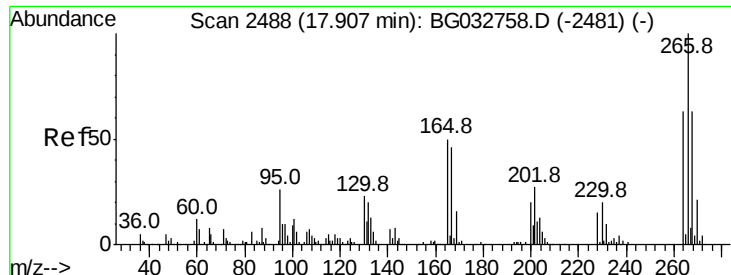
#68
Atrazine
Concen: 50.282 ng
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:200 Resp: 180908
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 49.9 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

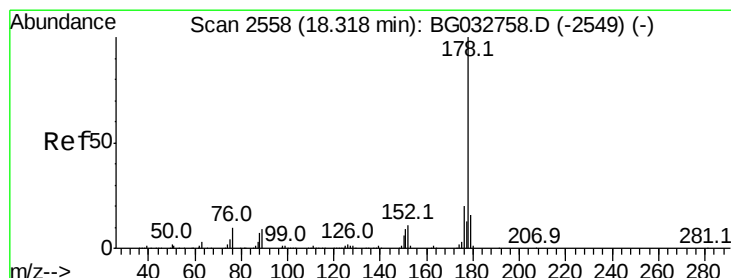
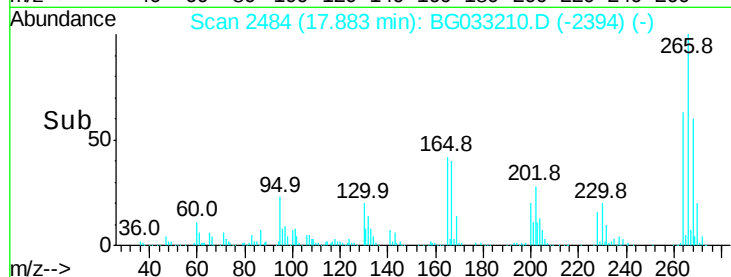
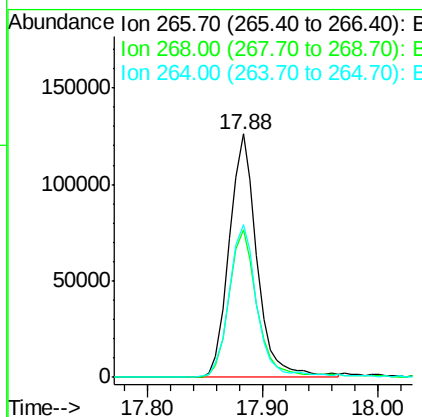
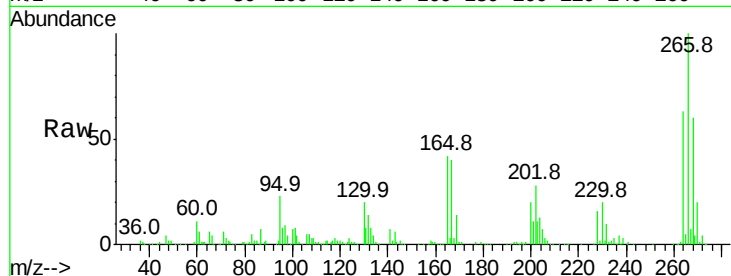




#69
 Pentachlorophenol
 Concen: 86.765 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

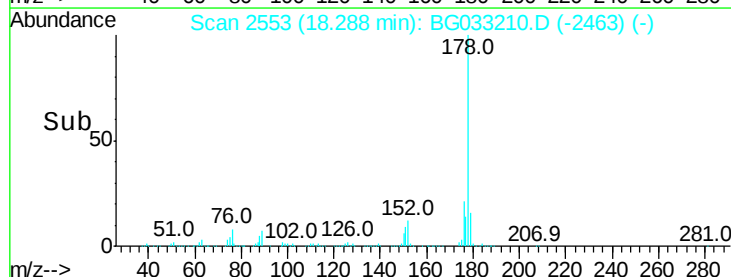
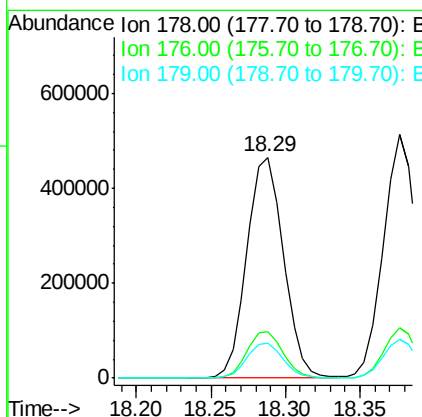
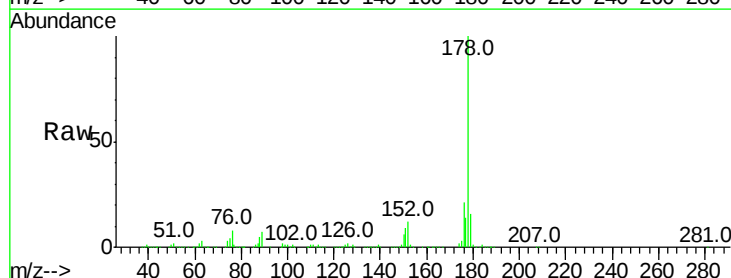
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

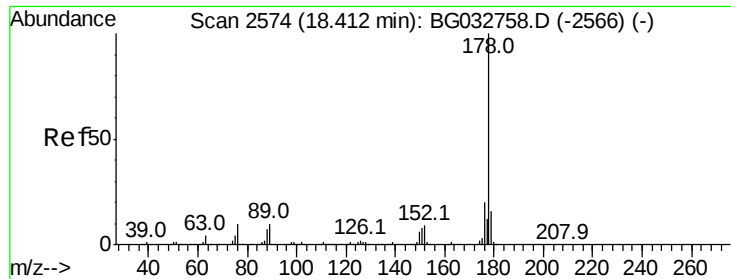
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	62.8	49.6	74.4



#70
 Phenanthrene
 Concen: 42.254 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	15.9	12.5	18.7

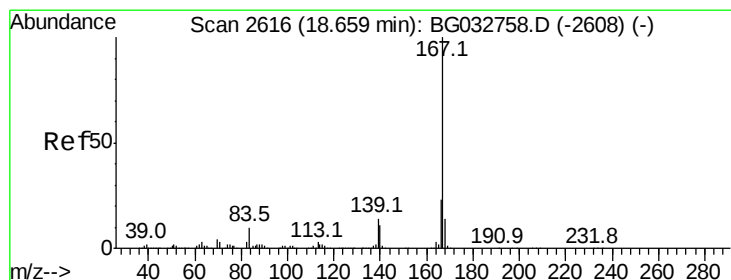
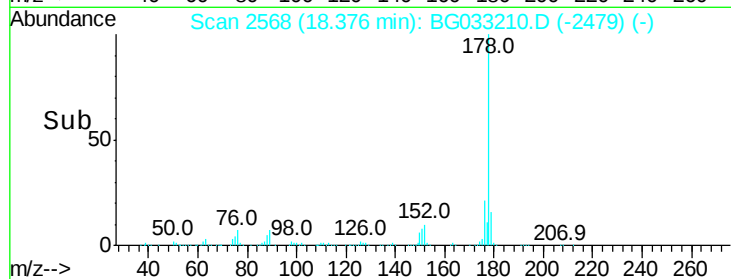
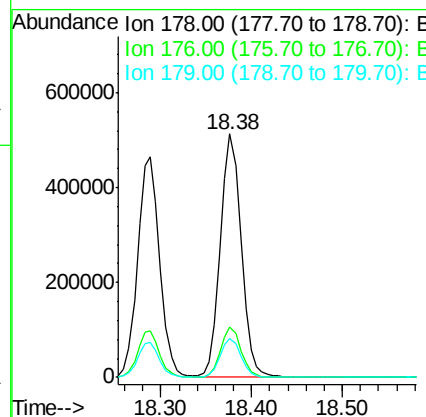
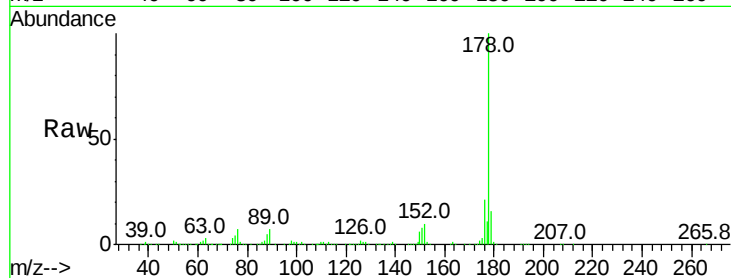




#71
 Anthracene
 Concen: 43.652 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. -0.01 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

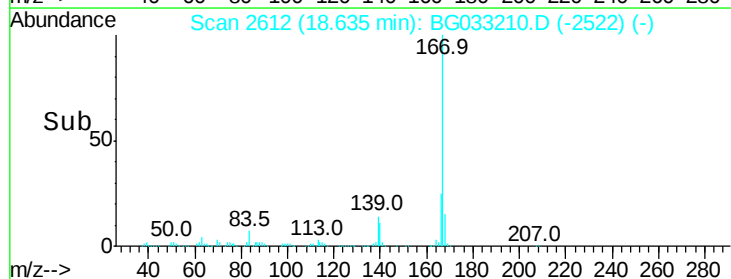
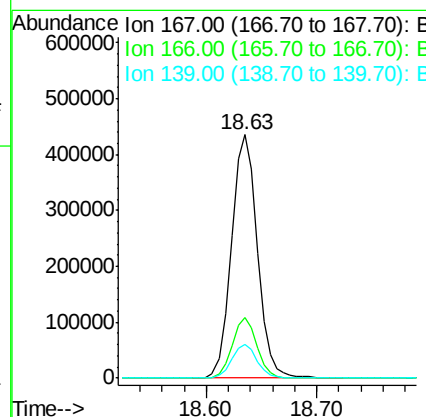
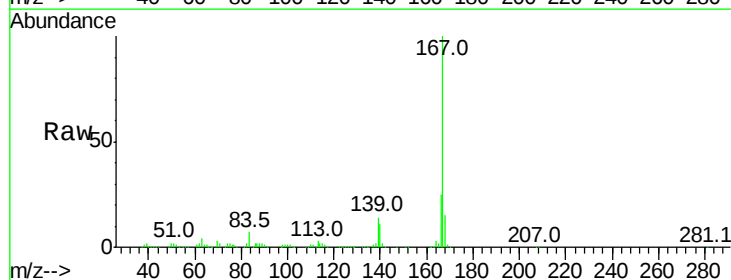
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

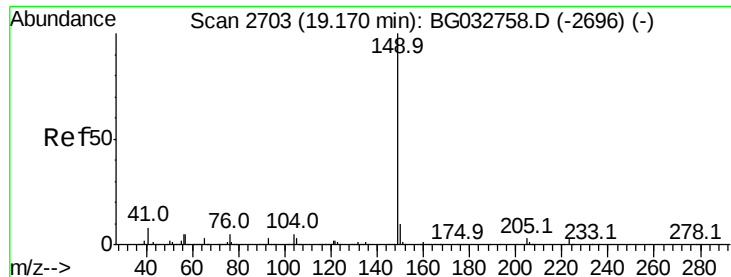
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	16.1	12.5	18.7



#72
 Carbazole
 Concen: 38.560 ng
 RT: 18.63 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.2	27.4
139	13.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 36.671 ng

RT: 19.13 min Scan# 2696

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

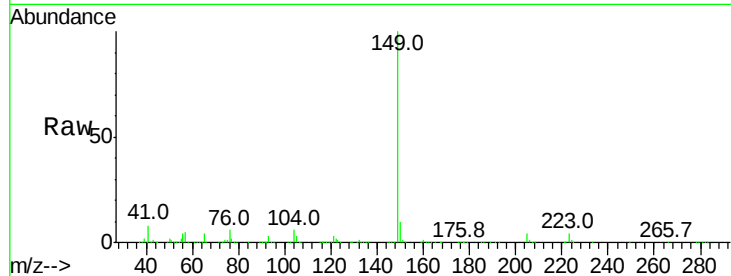
Tot Ion:149 Resp: 834492

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 6.4 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

800000

600000

400000

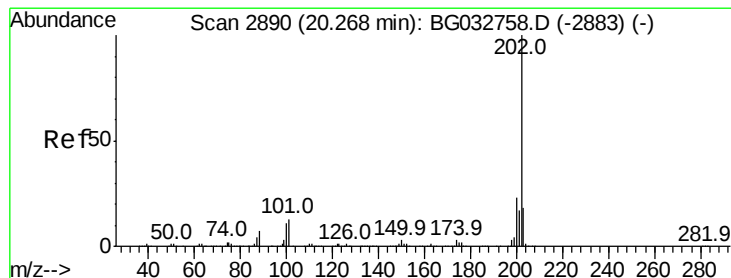
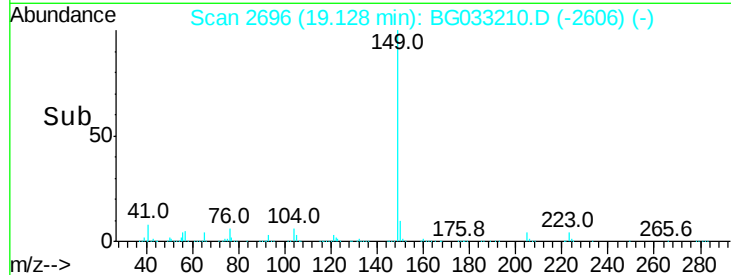
200000

0

19.13

19.10 19.20

Time-->



#74

Fluoranthene

Concen: 48.857 ng

RT: 20.24 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

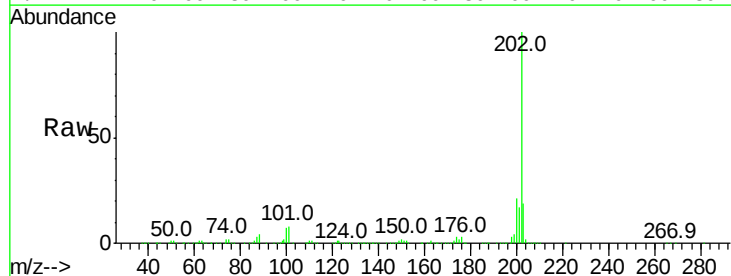
Tgt Ion:202 Resp: 1011649

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.9

203 18.8 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

800000

600000

400000

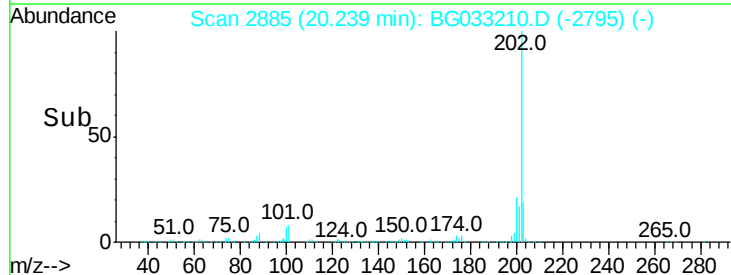
200000

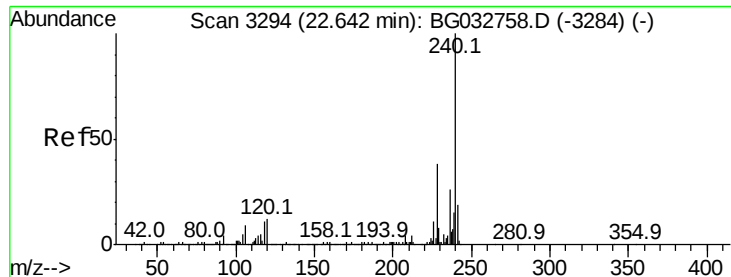
0

20.24

20.10 20.20 20.30 20.40

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

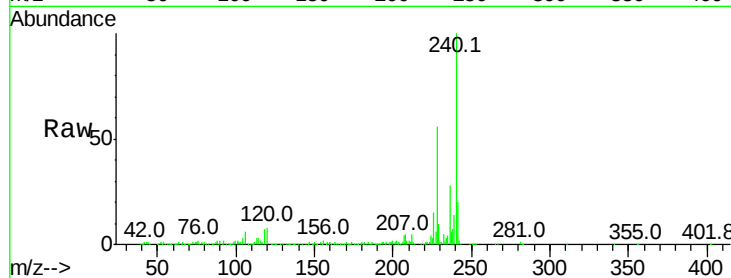
Tot Ion:240 Resp: 338006

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

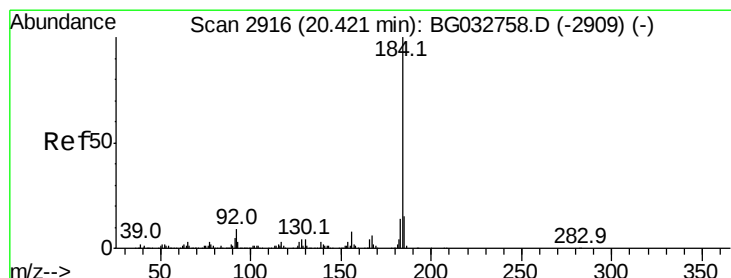
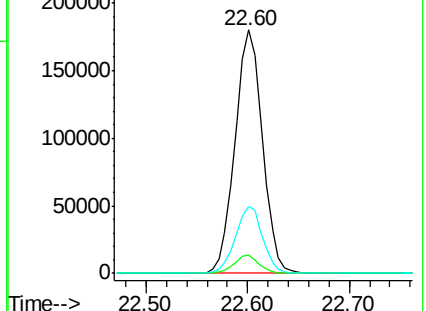
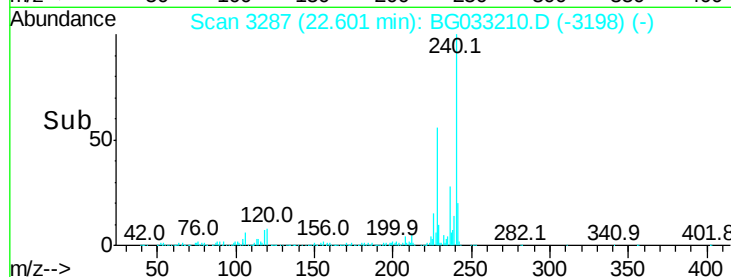
236 27.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.675 ng

RT: 20.40 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

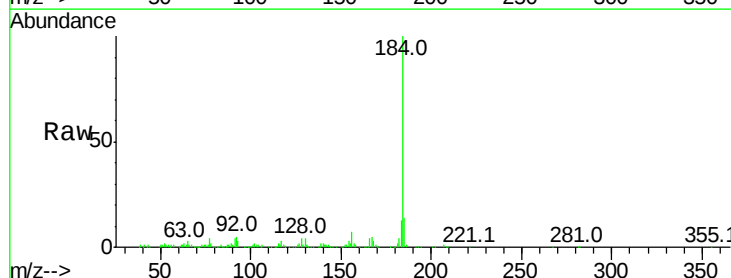
Tgt Ion:184 Resp: 215166

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

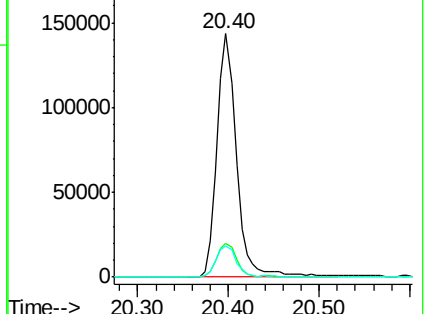
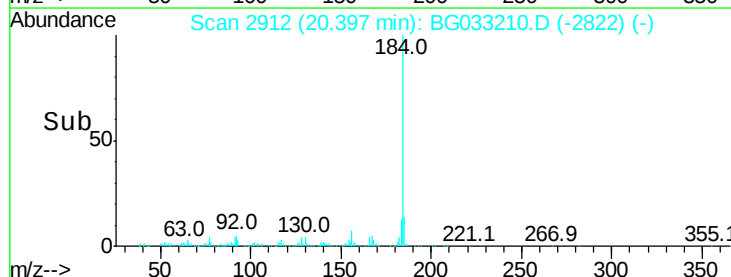
183 12.9 10.6 16.0

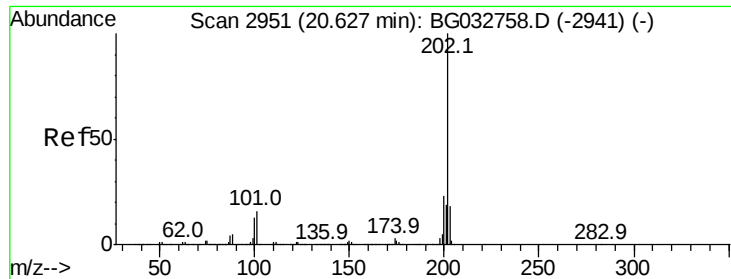


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

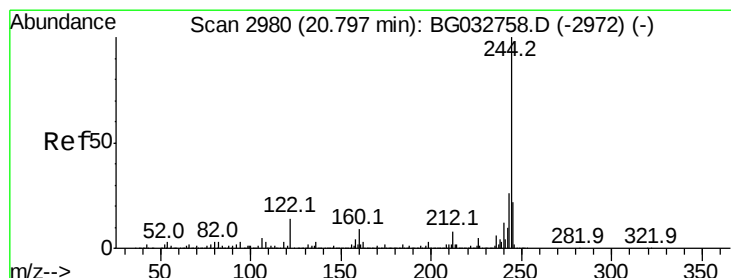
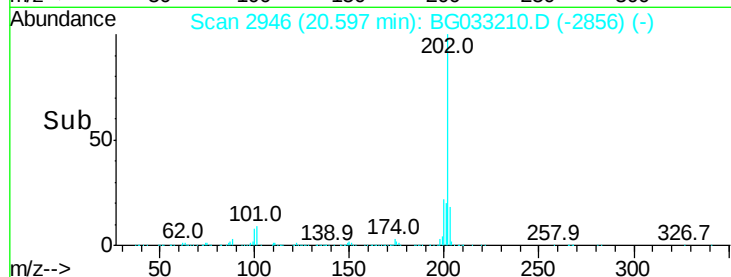
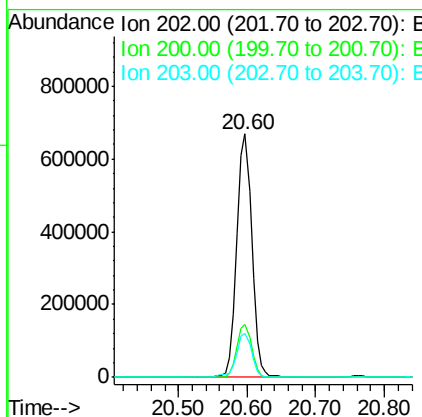
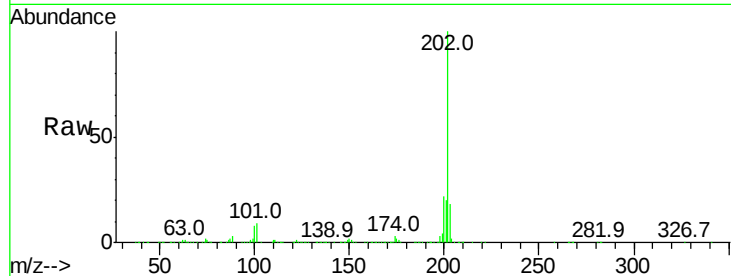




#77
Pvrene
Concen: 42.716 ng
RT: 20.60 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

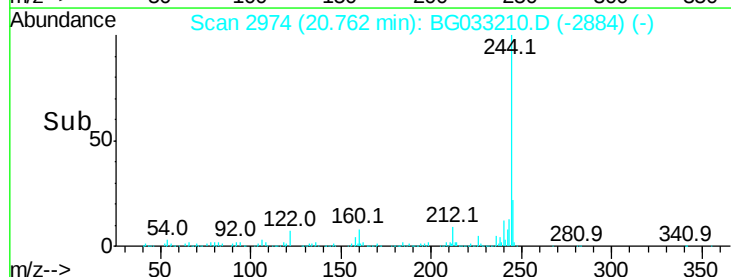
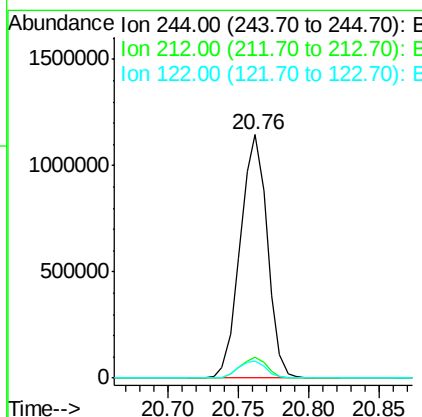
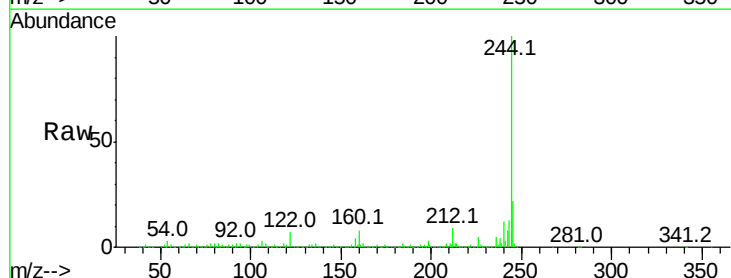
Instrument :
BNA_G
ClientSampleId :
PB107389BS

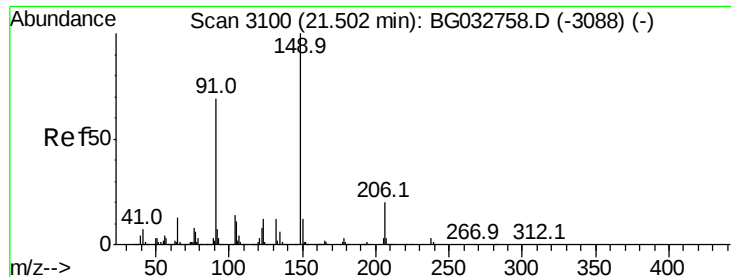
Tot Ion:202 Resp: 1018192
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.9 13.9 20.9



#78
Terphenyl-d14
Concen: 102.171 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.00 min
Lab File: BG033210.D
Acq: 16 Mar 2018 21:47

Tgt Ion:244 Resp: 1537092
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 7.0 7.0 10.4





#79

Butylbenzylphthalate

Concen: 36.631 ng

RT: 21.45 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

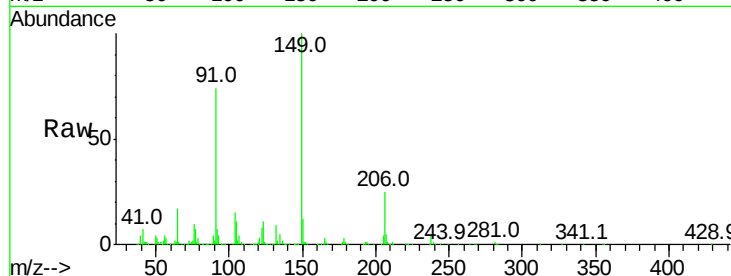
Tot Ion:149 Resp: 387120

Ion Ratio Lower Upper

149 100

91 74.0 62.2 93.2

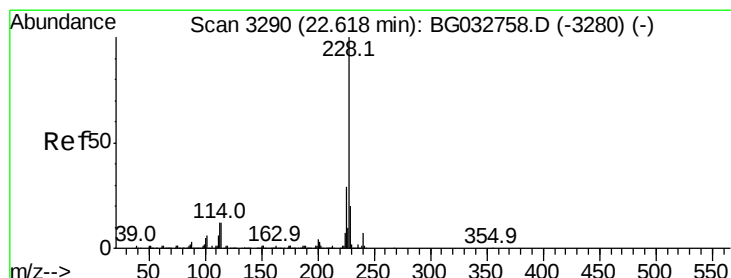
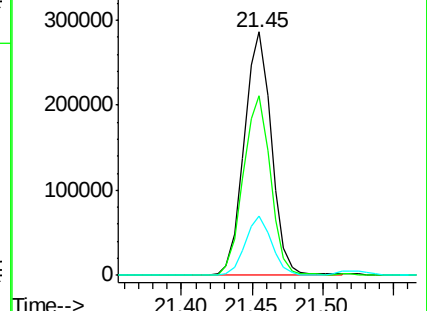
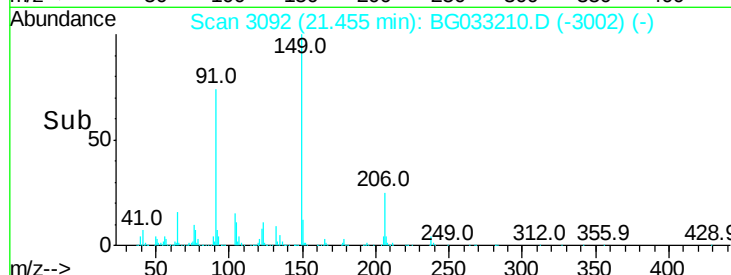
206 24.5 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.903 ng

RT: 22.58 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

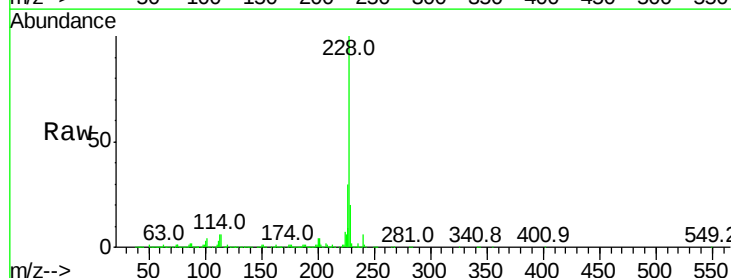
Tgt Ion:228 Resp: 994925

Ion Ratio Lower Upper

228 100

226 29.9 22.7 34.1

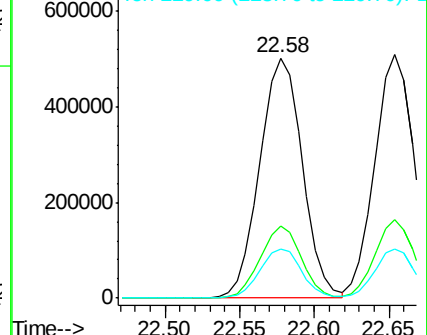
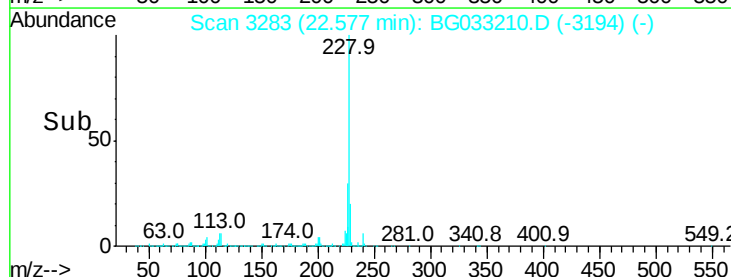
229 20.5 16.2 24.2

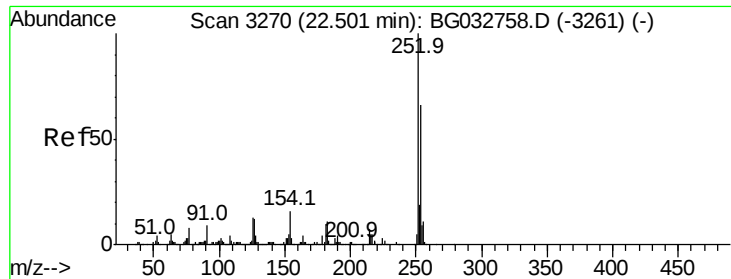


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

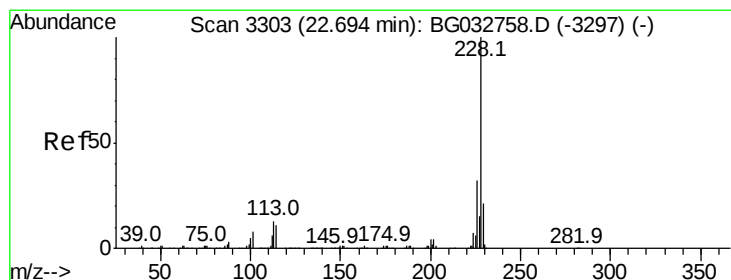
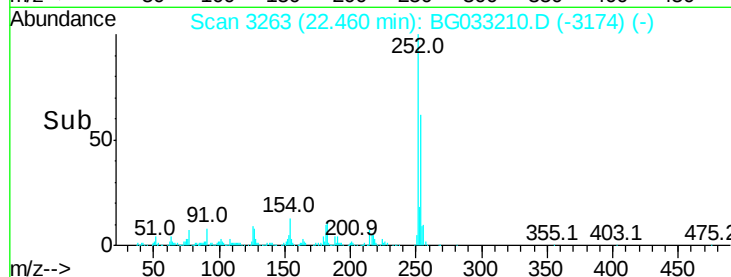
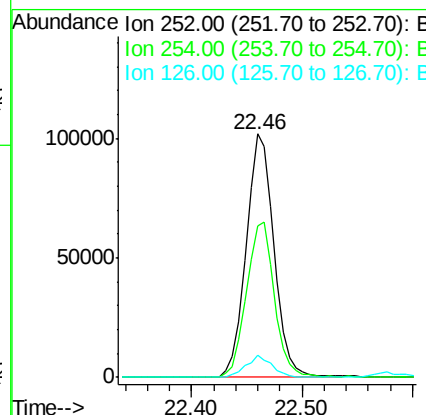
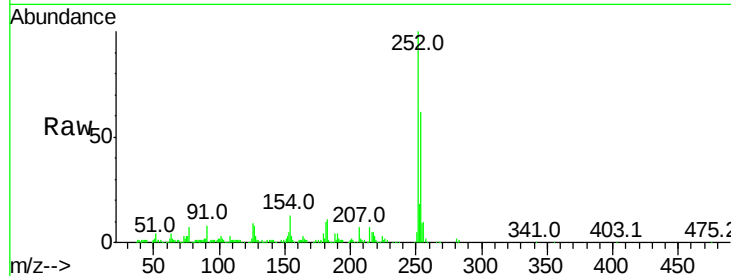




#81
 3,3'-Dichlorobenzidine
 Concen: 22.480 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

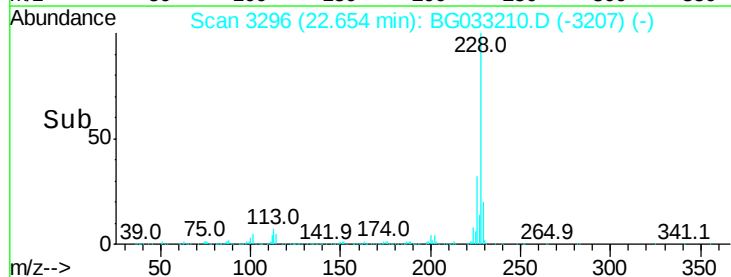
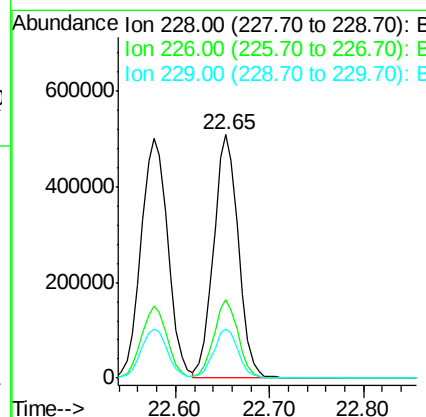
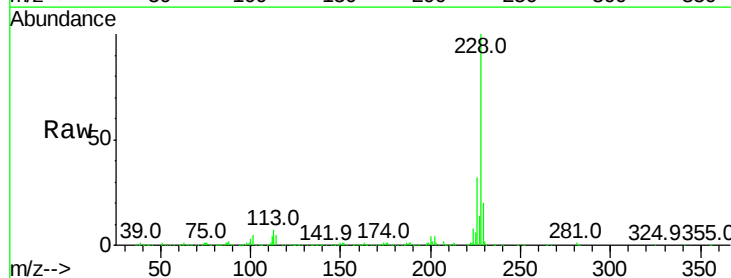
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

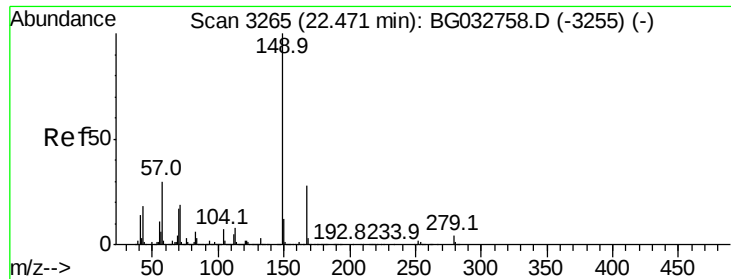
Tot Ion:252 Resp: 180461
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.8 76.2
 126 9.0 7.4 11.2



#82
 Chrysene
 Concen: 45.148 ng
 RT: 22.65 min Scan# 3296
 Delta R.T. -0.01 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion:228 Resp: 934778
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 20.0 15.0 22.4

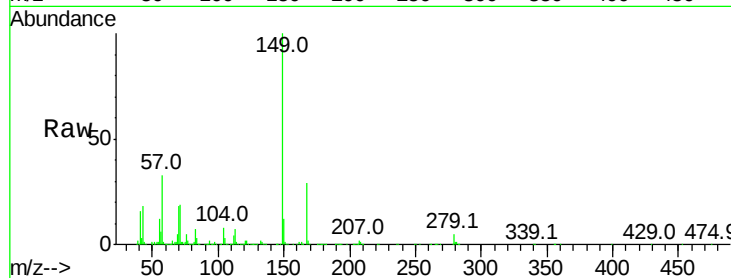




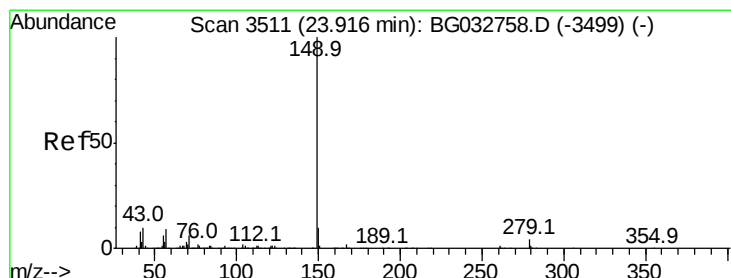
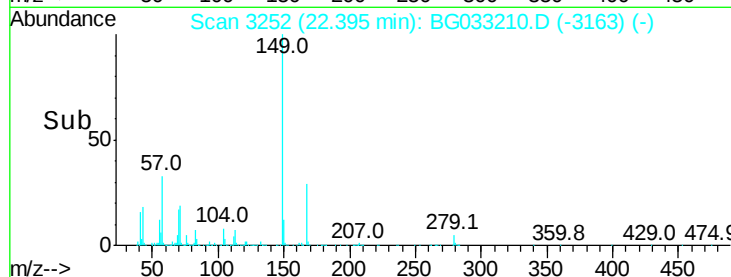
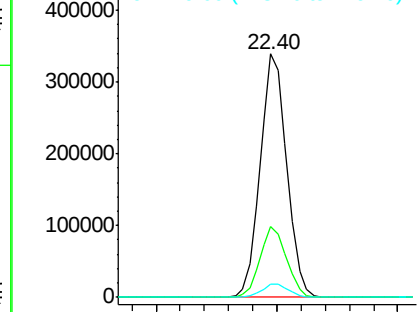
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.134 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	5.5	4.0	6.0

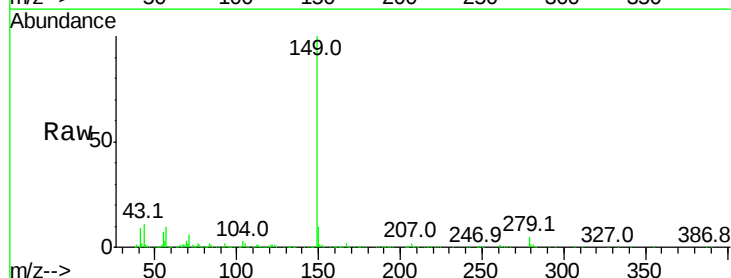


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

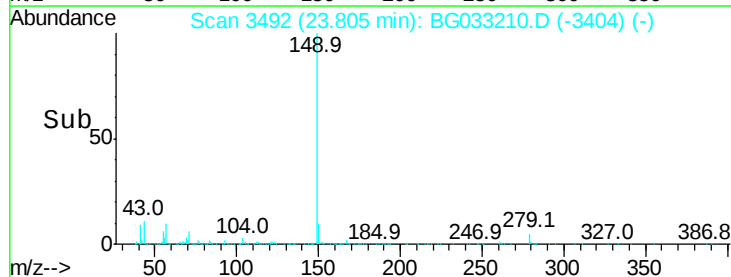
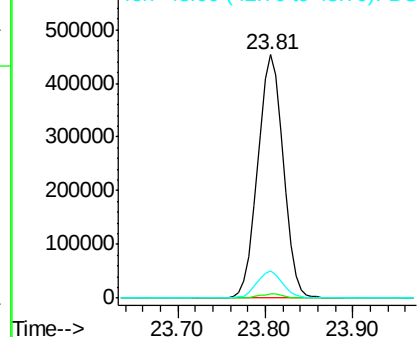


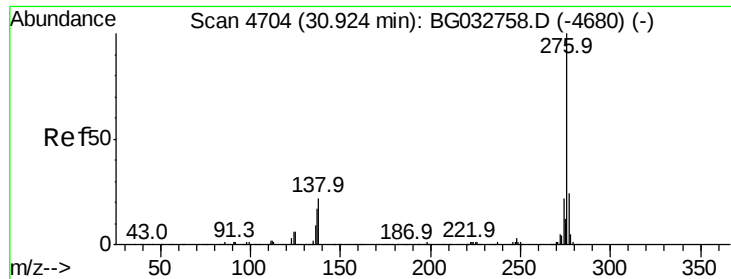
#84
 Di-n-octyl phthalate
 Concen: 37.844 ng
 RT: 23.81 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BG033210.D
 Acq: 16 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.6	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): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.334 ng

RT: 30.82 min Scan# 4686

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

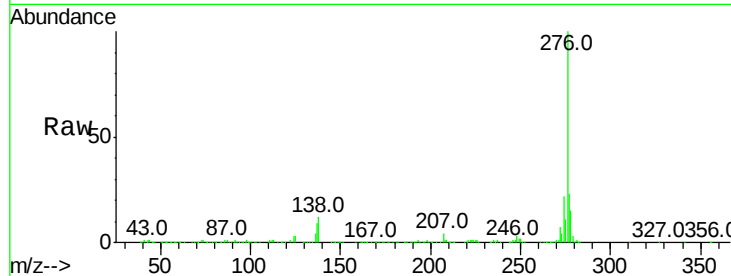
Tot Ion:276 Resp: 1118797

Ion Ratio Lower Upper

276 100

138 9.9 16.0 24.0#

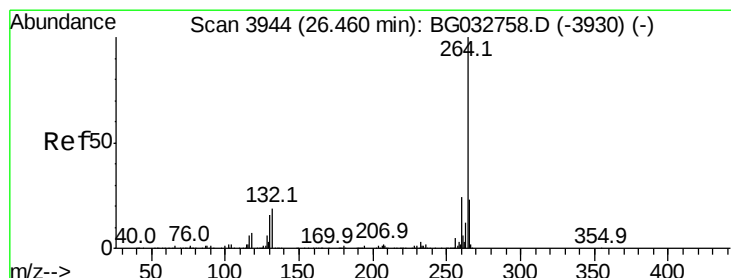
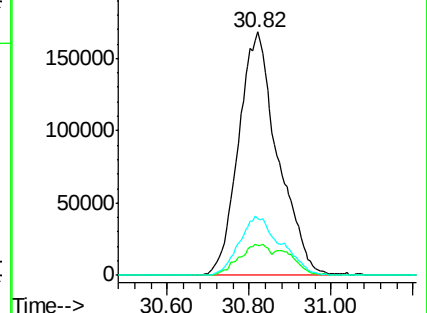
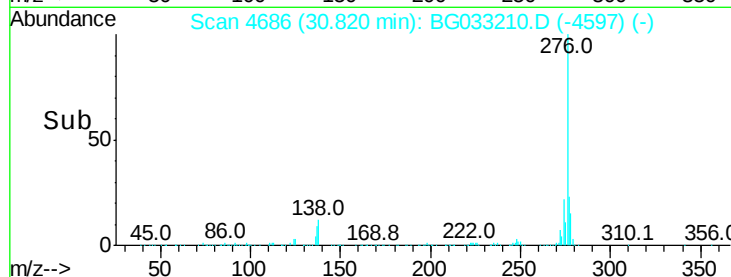
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

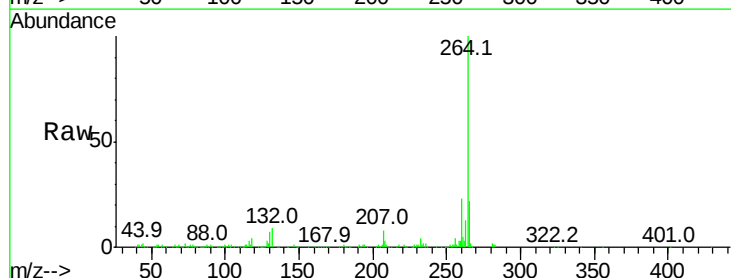
Tgt Ion:264 Resp: 361554

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

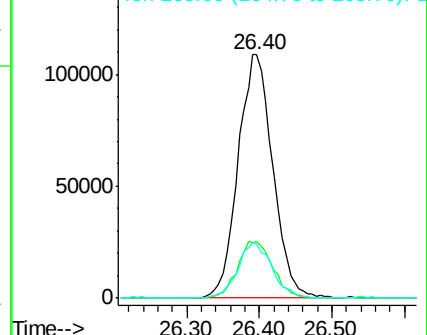
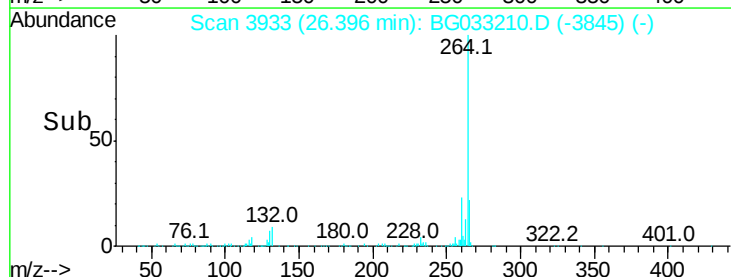
265 22.1 17.7 26.5

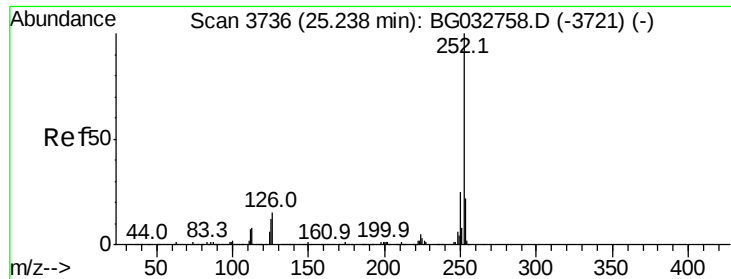


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.982 ng

RT: 25.18 min Scan# 3726

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

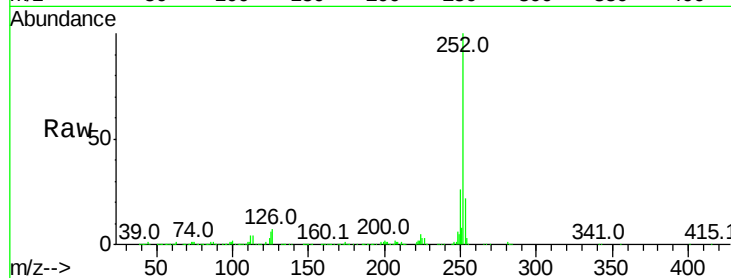
Tot Ion:252 Resp: 982974

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

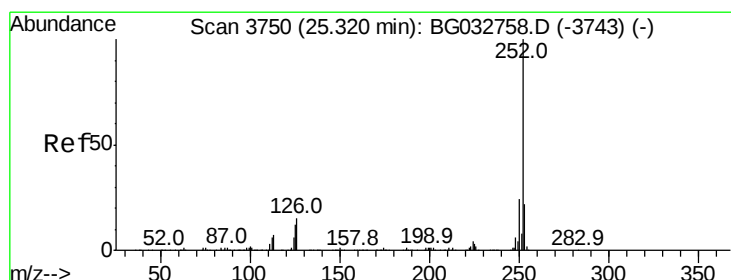
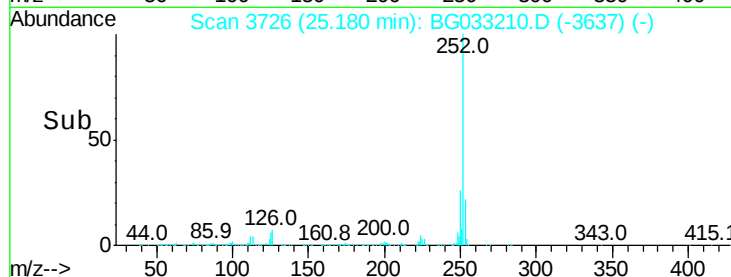
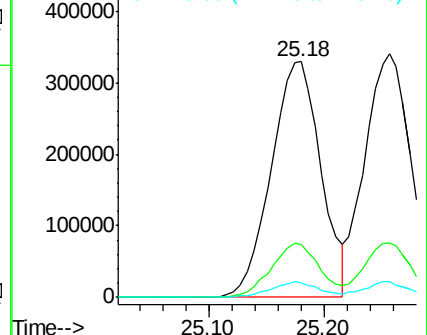
125 6.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.752 ng

RT: 25.26 min Scan# 3739

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

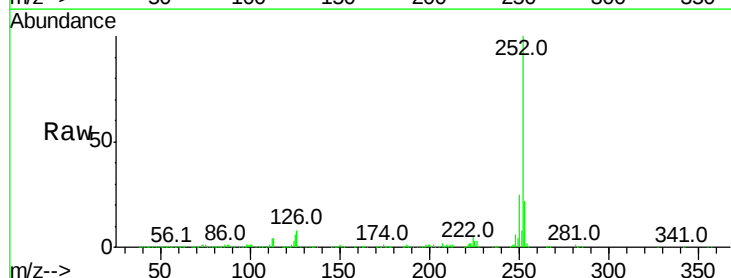
Tgt Ion:252 Resp: 950794

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

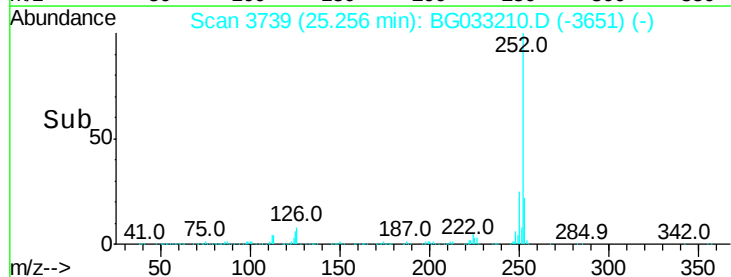
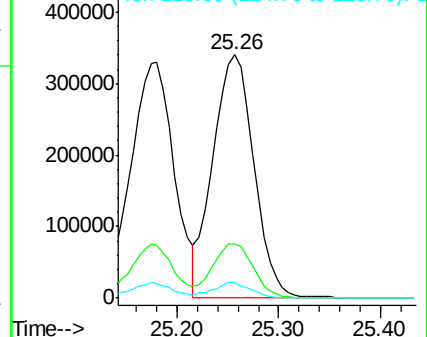
125 6.4 6.6 9.8#

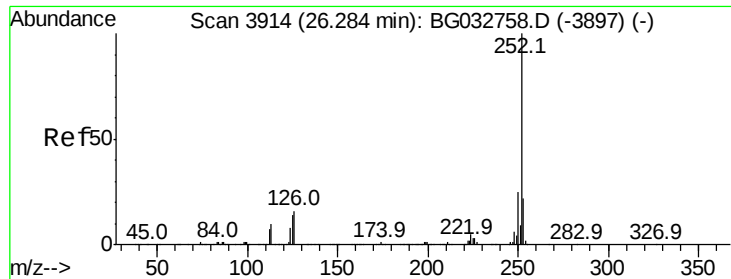


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.068 ng

RT: 26.22 min Scan# 3903

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

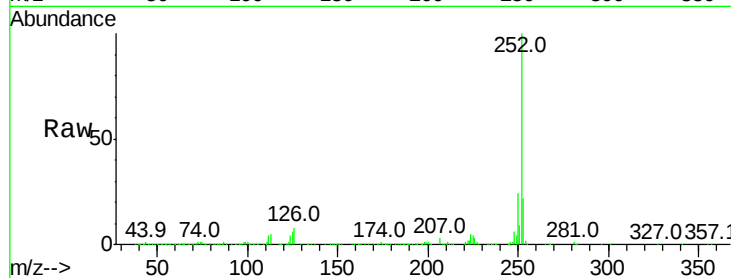
Tot Ion:252 Resp: 957038

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

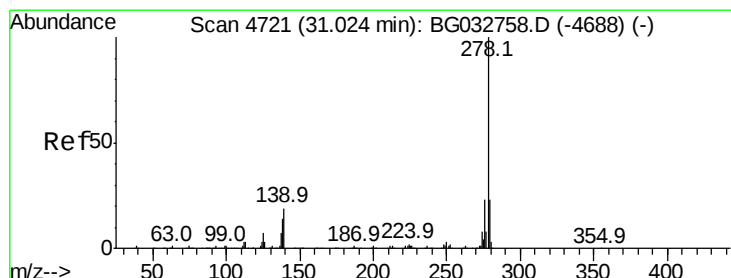
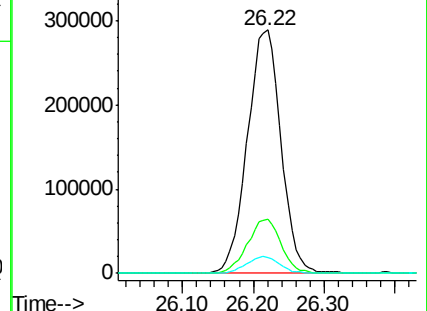
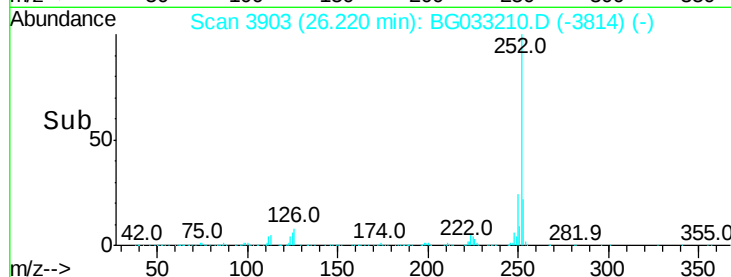
125 6.3 7.3 10.9#



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: 45.183 ng

RT: 30.89 min Scan# 4697

Delta R.T. -0.03 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

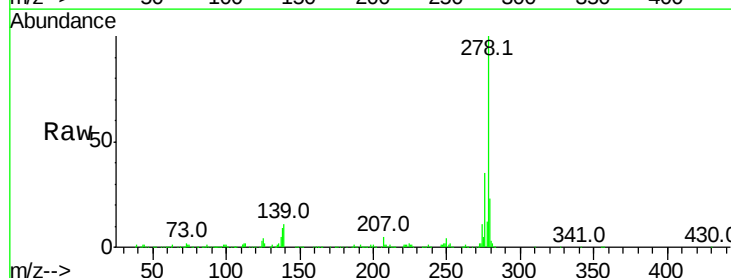
Tgt Ion:278 Resp: 924731

Ion Ratio Lower Upper

278 100

139 11.0 9.8 14.6

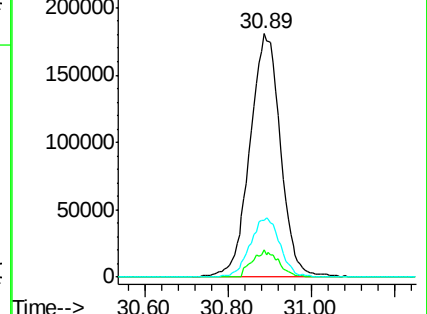
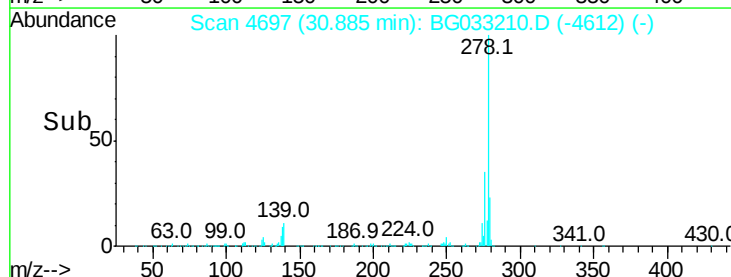
279 23.2 18.4 27.6

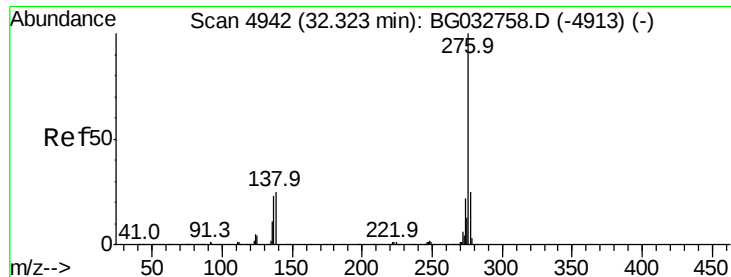


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.029 ng

RT: 32.21 min Scan# 4922

Delta R.T. -0.03 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA_G

ClientSampleId :

PB107389BS

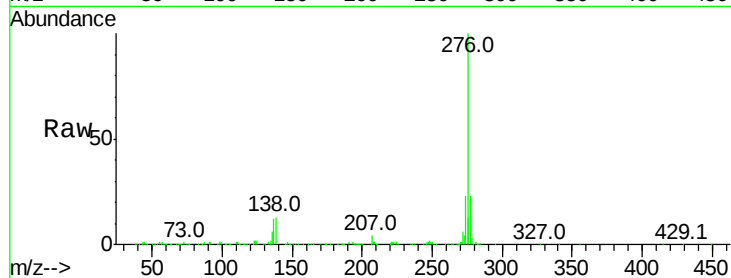
Tot Ion:276 Resp: 928646

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 13.5 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

