

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033177.D
 Acq On : 15 Mar 2018 15:21
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 04:49:57 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	45166	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	206421	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	125040	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	301209	20.00	ng	0.00
75) Chrysene-d12	22.61	240	290873	20.00	ng	0.00
86) Perylene-d12	26.41	264	329949	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	211970	75.08	ng	0.00
7) Phenol-d6	8.01	99	293793	74.66	ng	0.00
23) Nitrobenzene-d5	10.10	82	283666	94.16	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	150995	114.85	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	638724	73.67	ng	0.00
78) Terphenyl-d14	20.77	244	963289	74.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	45514	37.147	ng	93
3) Pyridine	4.42	79	119286	35.323	ng	88
4) n-Nitrosodimethylamine	4.32	42	61500	45.424	ng	# 74
6) Aniline	8.19	93	190660	35.794	ng	98
8) 2-Chlorophenol	8.45	128	116074	37.563	ng	94
9) Benzaldehyde	8.00	77	82603	36.422	ng	93
10) Phenol	8.04	94	146931	37.041	ng	98
11) bis(2-Chloroethyl)ether	8.28	93	112478	34.677	ng	94
12) 1,3-Dichlorobenzene	8.78	146	134745	37.230	ng	98
13) 1,4-Dichlorobenzene	8.94	146	135214	37.115	ng	96
14) 1,2-Dichlorobenzene	9.26	146	130266	37.314	ng	99
15) Benzyl Alcohol	9.14	79	114987	39.748	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.42	45	210996	37.839	ng	99
17) 2-Methylphenol	9.34	107	105070	35.920	ng	98
18) Hexachloroethane	10.02	117	49389	39.816	ng	91
19) n-Nitroso-di-n-propylamine	9.71	70	100852	36.303	ng	# 91
20) 3+4-Methylphenols	9.67	107	154574	38.006	ng	95
22) Acetophenone	9.74	105	191006	36.639	ng	# 98
24) Nitrobenzene	10.15	77	146061	44.852	ng	96
25) Isophorone	10.66	82	266500	36.783	ng	97
26) 2-Nitrophenol	10.87	139	70453	56.830	ng	96
27) 2,4-Dimethylphenol	10.90	122	112278	35.673	ng	93
28) bis(2-Chloroethoxy)methane	11.14	93	144821	34.311	ng	96
29) 2,4-Dichlorophenol	11.41	162	113366	39.686	ng	97
30) 1,2,4-Trichlorobenzene	11.64	180	127700	38.136	ng	97
31) Naphthalene	11.84	128	399331	37.022	ng	99
32) Benzoic acid	11.02	122	80436	43.094	ng	91
33) 4-Chloroaniline	11.93	127	176327	36.561	ng	97
34) Hexachlorobutadiene	12.10	225	79154	42.143	ng	97
35) Caprolactam	12.70	113	49549	43.319	ng	98
36) 4-Chloro-3-methylphenol	12.99	107	142814	42.961	ng	95
37) 2-Methylnaphthalene	13.38	142	288906	37.022	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	146235	39.397	ng	# 98
40) Hexachlorocyclopentadiene	13.71	237	74179	39.213	ng	89

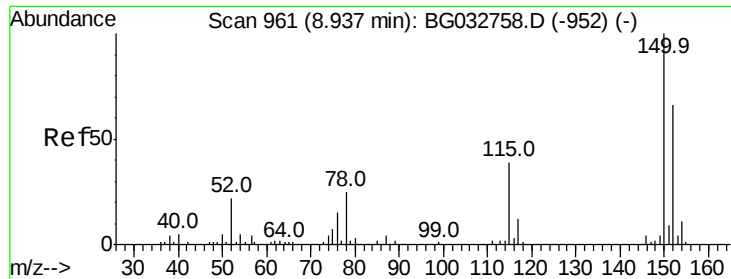
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033177.D
 Acq On : 15 Mar 2018 15:21
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Mar 16 04:49:57 2018
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 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)
42) 2,4,6-Trichlorophenol	13.96	196	101336	43.291	ng	95
43) 2,4,5-Trichlorophenol	14.04	196	118466	43.727	ng	# 97
45) 1,1'-Biphenyl	14.36	154	390283	35.719	ng	98
46) 2-Chloronaphthalene	14.42	162	291717	35.740	ng	93
47) 2-Nitroaniline	14.60	65	110343	52.457	ng	94
48) Acenaphthylene	15.25	152	493874	36.958	ng	100
49) Dimethylphthalate	14.95	163	395697	37.270	ng	99
50) 2,6-Dinitrotoluene	15.07	165	86832	49.151	ng	92
51) Acenaphthene	15.59	154	321129	38.586	ng	97
52) 3-Nitroaniline	15.41	138	100597	46.544	ng	# 88
53) 2,4-Dinitrophenol	15.60	184	38644	72.362	ng	# 57
54) Dibenzofuran	15.91	168	441939	37.294	ng	92
55) 4-Nitrophenol	15.69	139	75555	46.691	ng	93
56) 2,4-Dinitrotoluene	15.85	165	125909	57.953	ng	89
57) Fluorene	16.55	166	368703	37.697	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	101063	48.047	ng	91
59) Diethylphthalate	16.28	149	432627	38.634	ng	98
60) 4-Chlorophenyl-phenylether	16.53	204	188244	39.344	ng	# 90
61) 4-Nitroaniline	16.57	138	103470	45.347	ng	94
62) Azobenzene	16.82	77	365710	36.505	ng	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	67117	66.334	ng	94
65) n-Nitrosodiphenylamine	16.74	169	344756	35.184	ng	99
66) 4-Bromophenyl-phenylether	17.42	248	123663	38.827	ng	# 92
67) Hexachlorobenzene	17.55	284	139498	40.530	ng	98
68) Atrazine	17.66	200	118465	36.729	ng	95
69) Pentachlorophenol	17.89	266	105287	48.565	ng	99
70) Phenanthrene	18.29	178	605939	36.058	ng	99
71) Anthracene	18.38	178	619206	36.703	ng	99
72) Carbazole	18.64	167	598181	35.972	ng	98
73) Di-n-butylphthalate	19.13	149	730501	35.808	ng	99
74) Fluoranthene	20.24	202	707035	38.089	ng	97
76) Benzidine	20.40	184	347344	35.033	ng	99
77) Pyrene	20.60	202	722159	35.206	ng	98
79) Butylbenzylphthalate	21.46	149	332356	36.545	ng	94
80) Benzo(a)anthracene	22.58	228	685516	36.752	ng	99
81) 3,3'-Dichlorobenzidine	22.47	252	272642	39.467	ng	97
82) Chrysene	22.66	228	657529	36.903	ng	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	467789	34.749	ng	96
84) Di-n-octyl phthalate	23.82	149	753737	36.733	ng	100
85) Indeno(1,2,3-cd)pyrene	30.84	276	838812	40.367	ng	# 93
87) Benzo(b)fluoranthene	25.18	252	703458	36.058	ng	100
88) Benzo(k)fluoranthene	25.27	252	687859	35.477	ng	99
89) Benzo(a)pyrene	26.23	252	671134	36.169	ng	99
90) Dibenzo(a,h)anthracene	30.91	278	701511	37.559	ng	98
91) Benzo(g,h,i)perylene	32.23	276	684575	37.182	ng	96

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

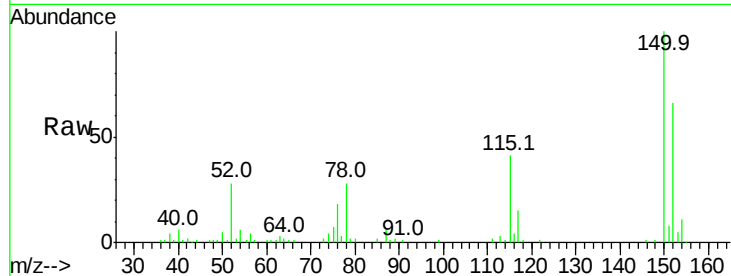


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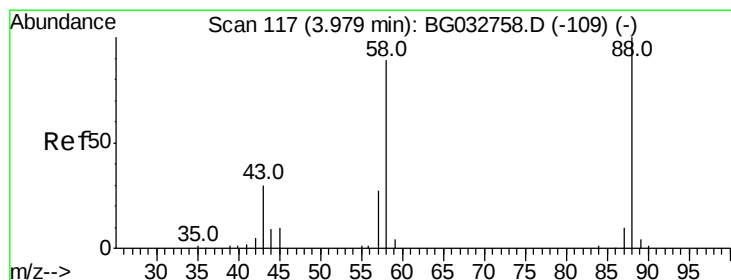
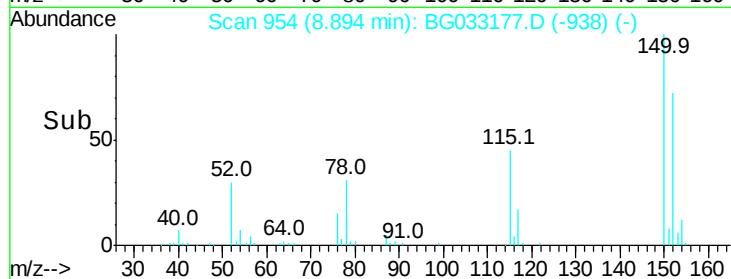
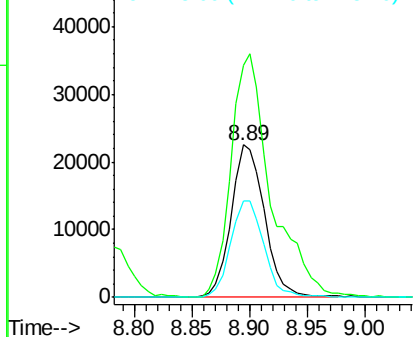
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45166
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 63.1 53.0 79.4



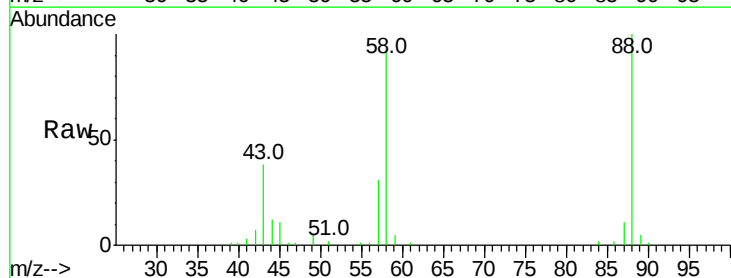
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



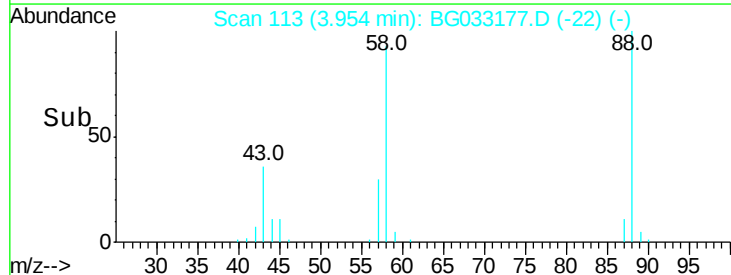
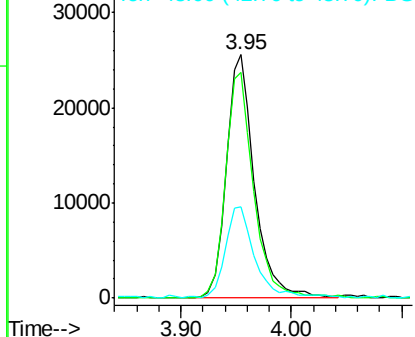
#2

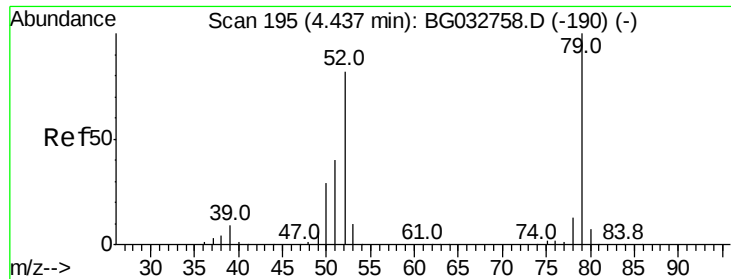
1,4-Dioxane
Concen: 37.147 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion: 88 Resp: 45514
Ion Ratio Lower Upper
88 100
58 93.2 79.6 119.4
43 40.0 27.4 41.0



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





#3

Pvridine

Concen: 35.323 ng

RT: 4.42 min Scan# 192

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

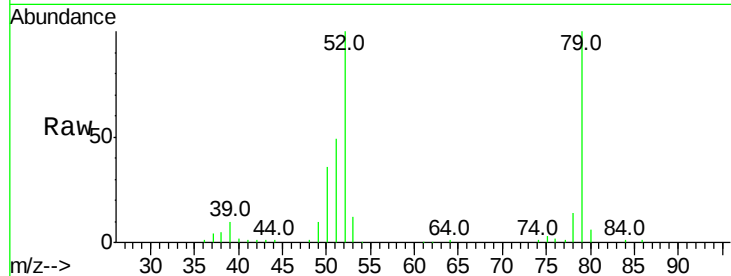
Tot Ion: 79 Resp: 119286

Ion Ratio Lower Upper

79 100

52 99.5 69.9 104.9

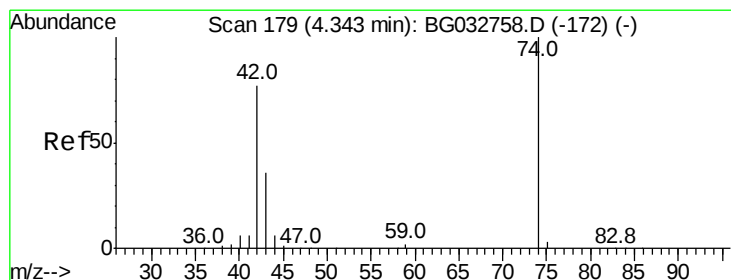
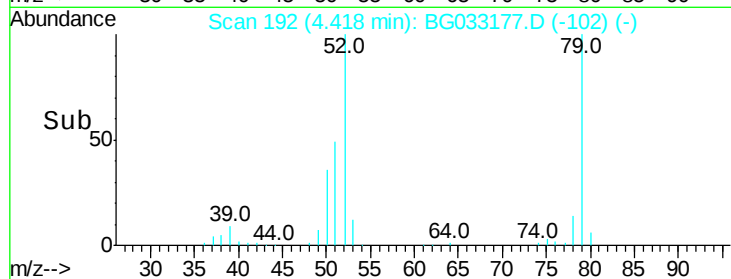
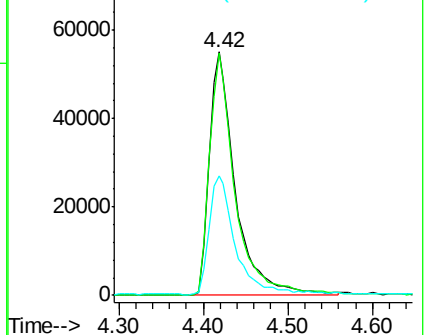
51 49.1 34.0 51.0



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: 45.424 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

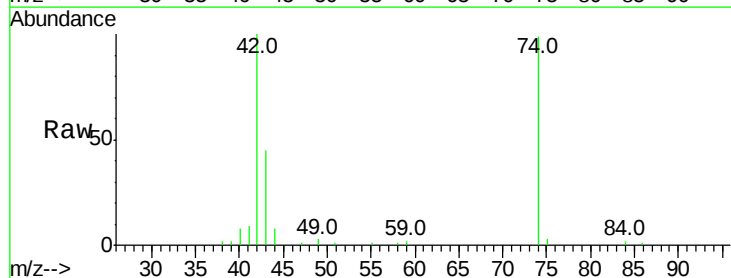
Tgt Ion: 42 Resp: 61500

Ion Ratio Lower Upper

42 100

74 99.0 102.5 153.7#

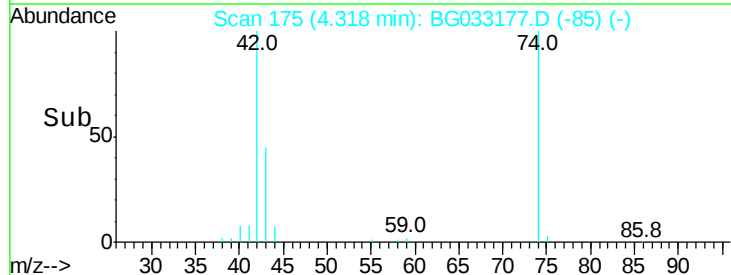
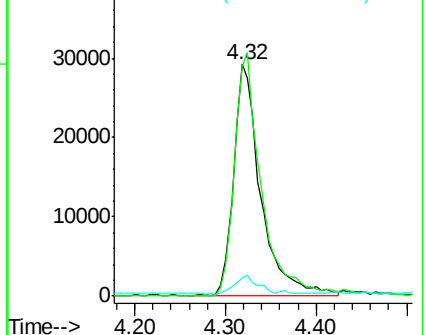
44 7.8 18.9 28.3#

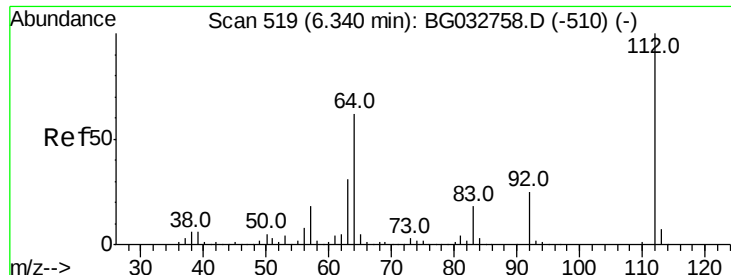


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 75.083 ng

RT: 6.32 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampled :

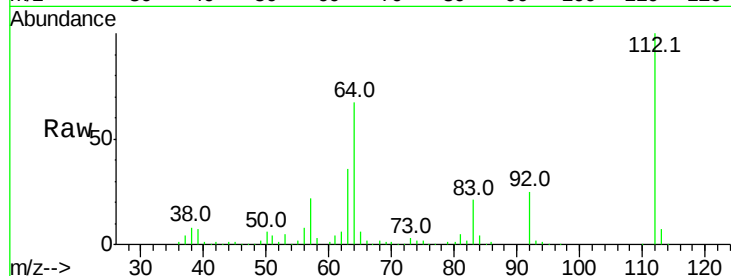
Tot Ion:112 Resp: 211970

Ion Ratio Lower Upper

112 100

64 67.3 56.3 84.5

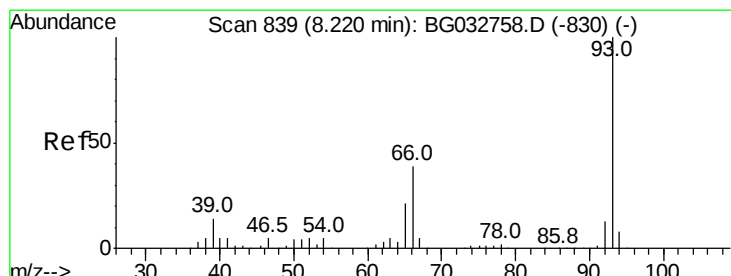
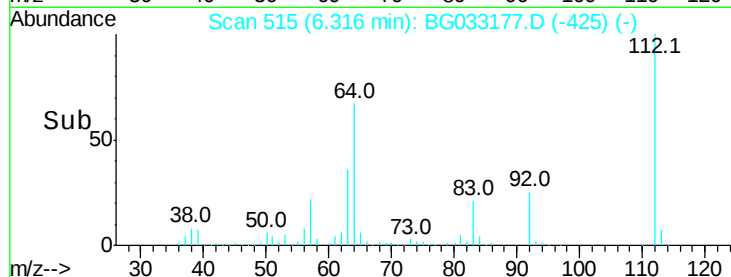
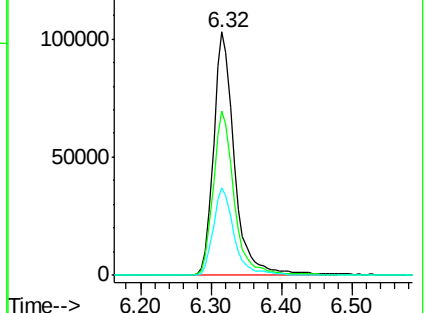
63 36.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.794 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

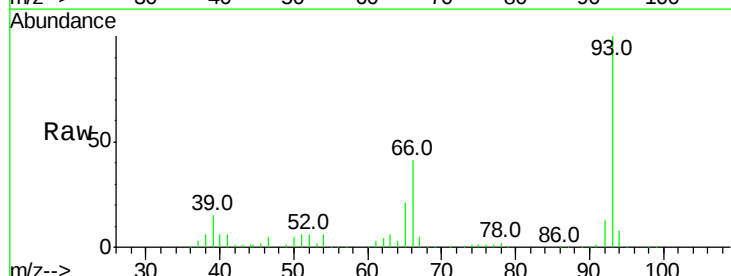
Tgt Ion: 93 Resp: 190660

Ion Ratio Lower Upper

93 100

66 40.8 33.7 50.5

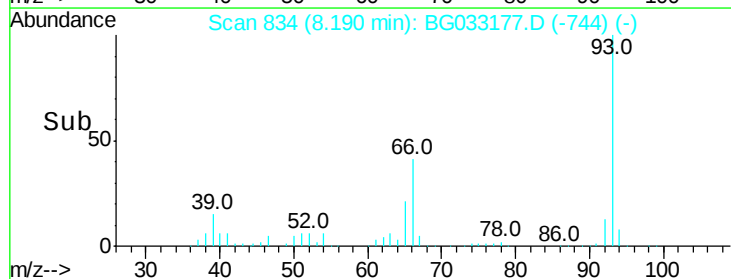
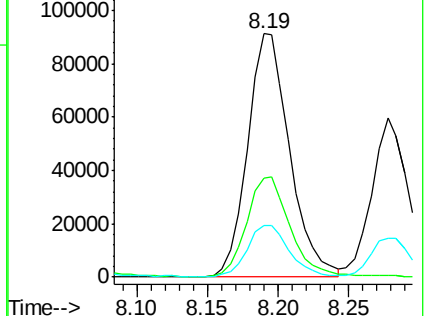
65 21.3 16.1 24.1

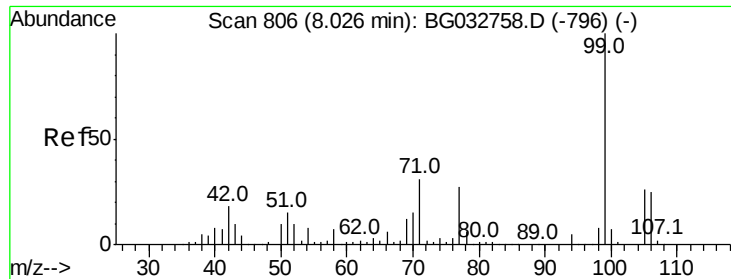


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.660 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

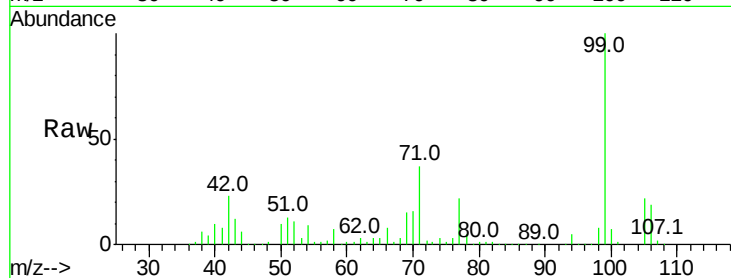
Tot Ion: 99 Resp: 293793

Ion Ratio Lower Upper

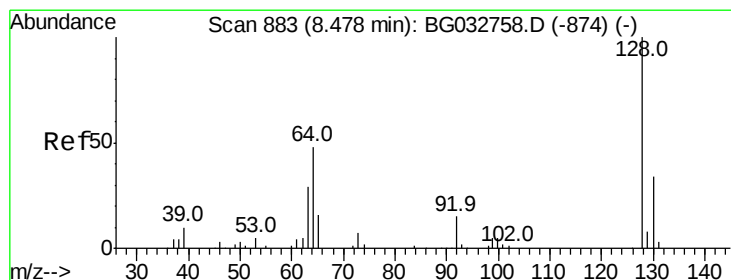
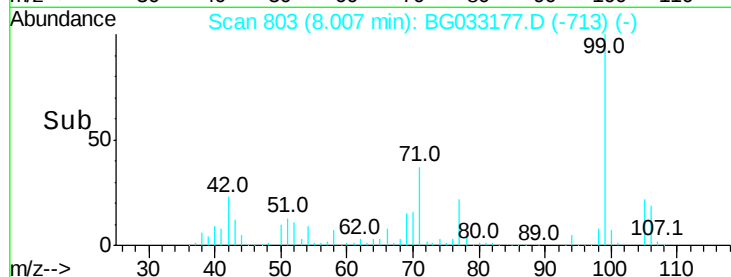
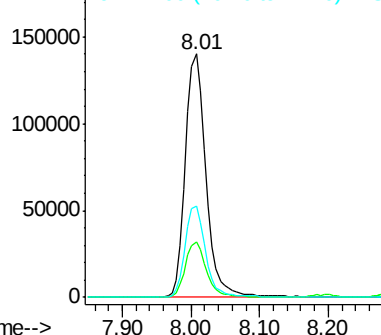
99 100

42 22.9 14.1 21.1#

71 37.3 26.1 39.1



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



#8

2-Chlorophenol

Concen: 37.563 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

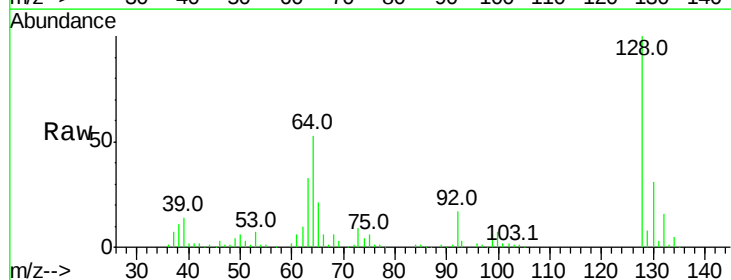
Tgt Ion: 128 Resp: 116074

Ion Ratio Lower Upper

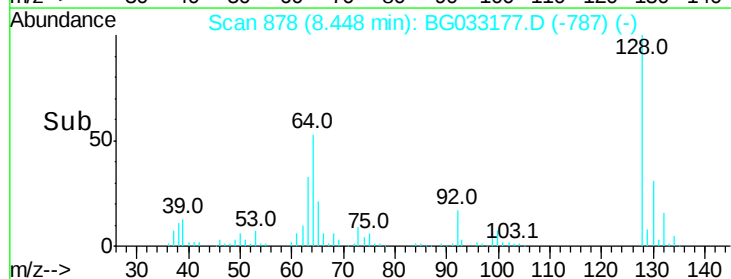
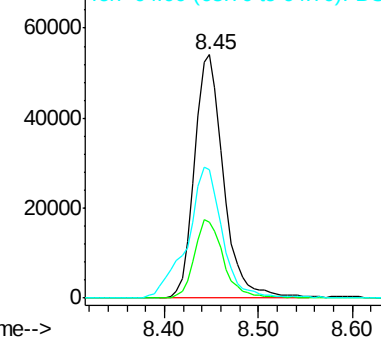
128 100

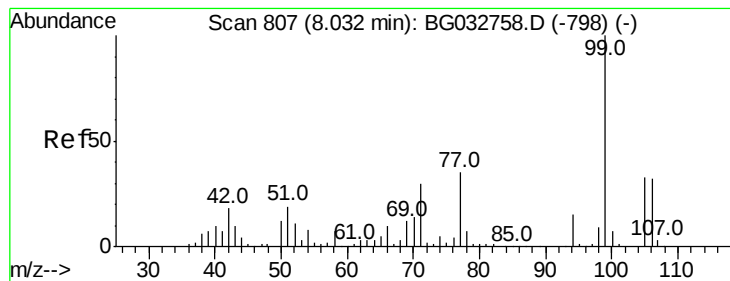
130 31.2 14.0 54.0

64 52.7 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: 36.422 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampled :

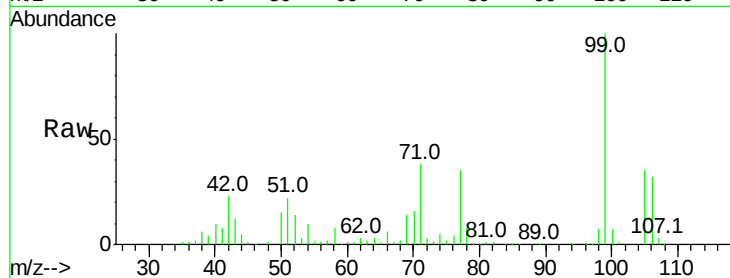
Tot Ion: 77 Resp: 82603

Ion Ratio Lower Upper

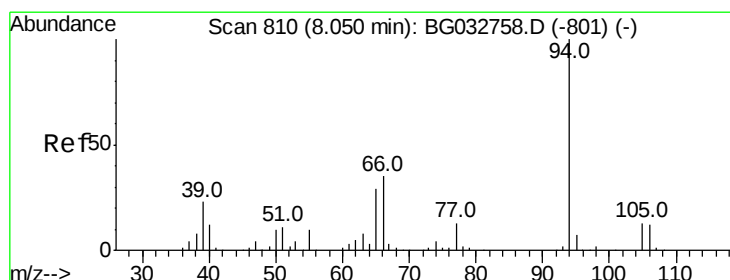
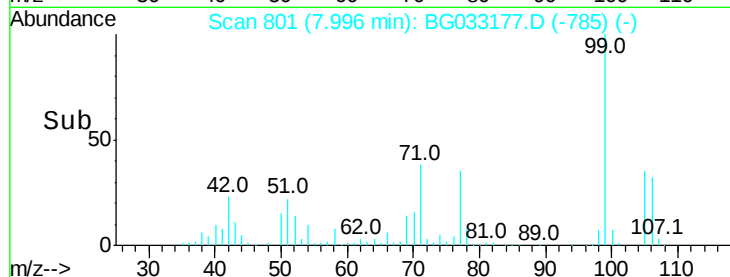
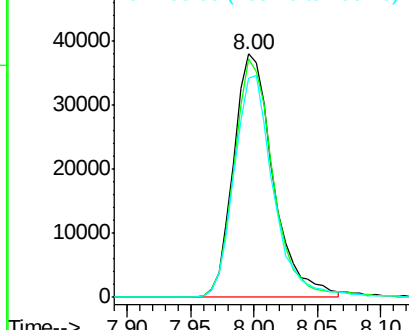
77 100

105 98.0 71.3 111.3

106 90.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.041 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

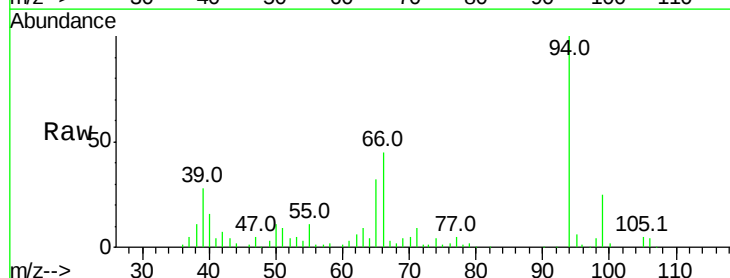
Tgt Ion: 94 Resp: 146931

Ion Ratio Lower Upper

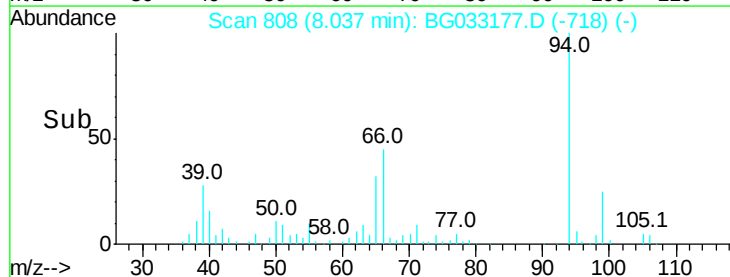
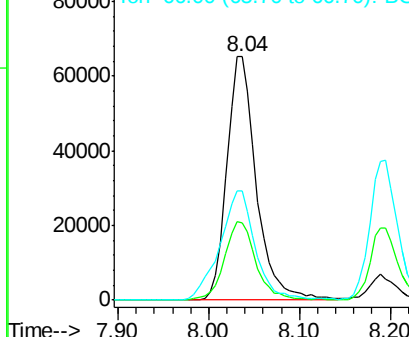
94 100

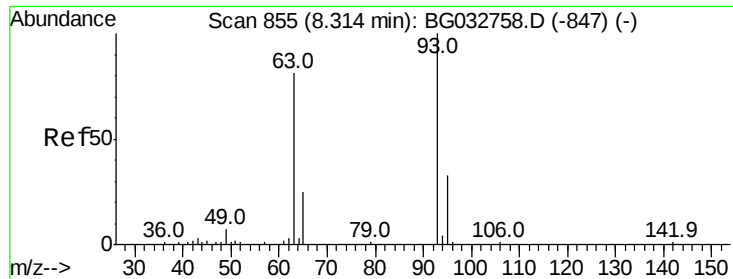
65 31.9 11.9 51.9

66 45.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

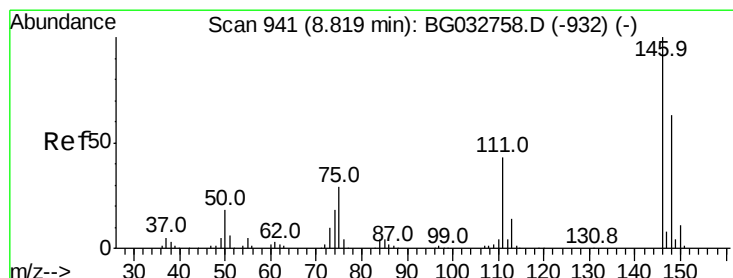
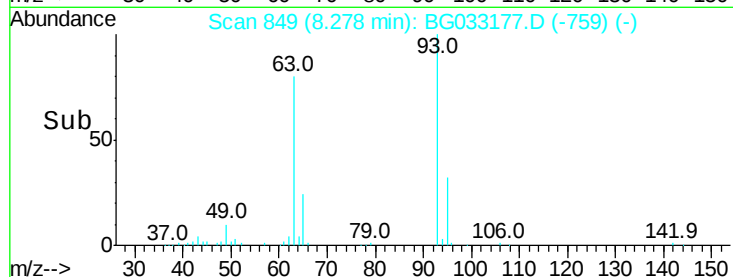
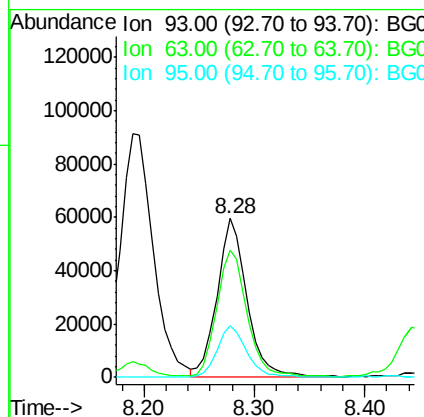
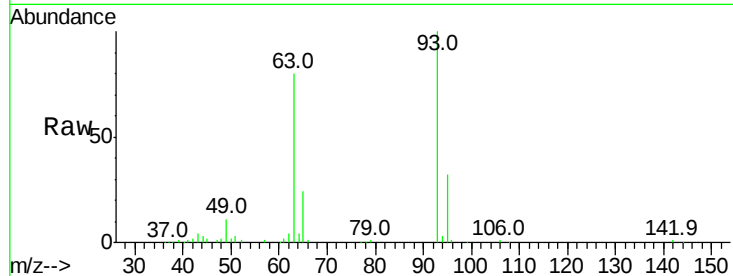




#11
 bis(2-Chloroethyl)ether
 Concen: 34.677 ng
 RT: 8.28 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

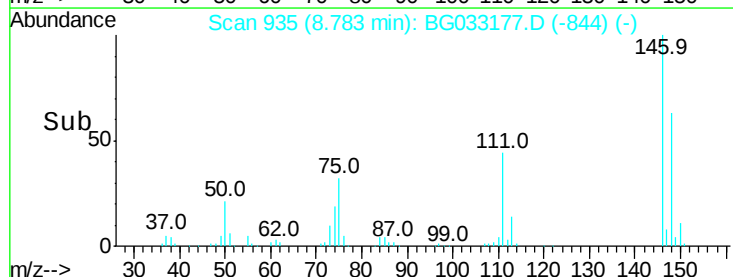
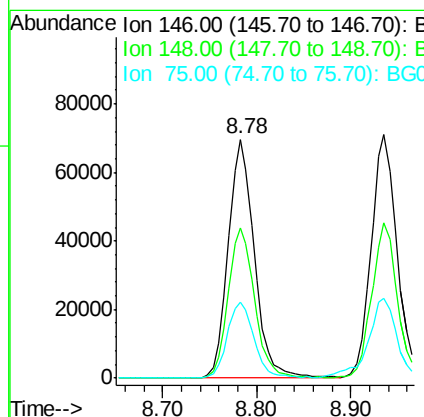
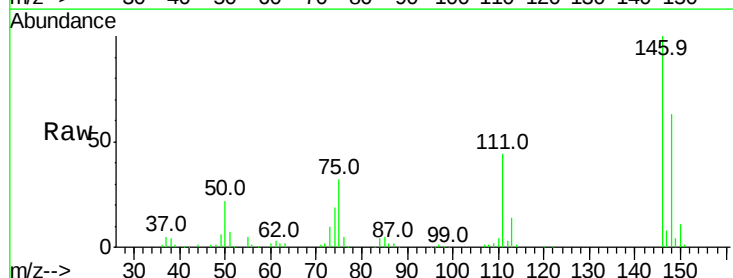
Instrument :
 BNA_G
 ClientSampleId :

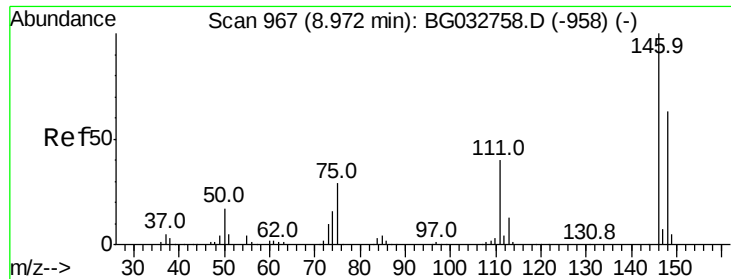
Tot Ion: 93 Resp: 112478
 Ion Ratio Lower Upper
 93 100
 63 80.3 67.1 107.1
 95 32.4 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.230 ng
 RT: 8.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion: 146 Resp: 134745
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.2
 75 31.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.115 ng

RT: 8.94 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampled :

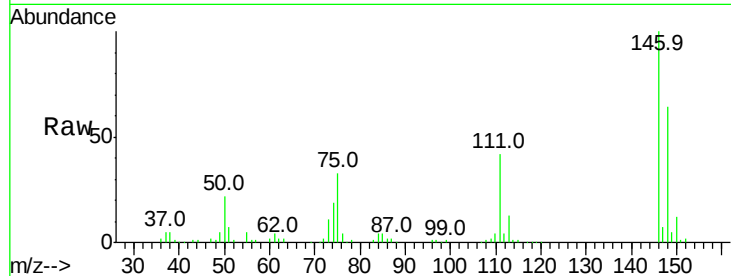
Tot Ion:146 Resp: 135214

Ion Ratio Lower Upper

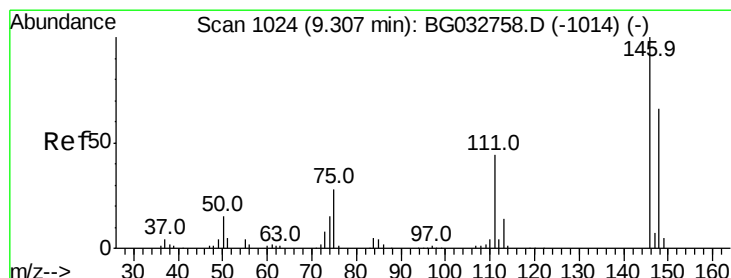
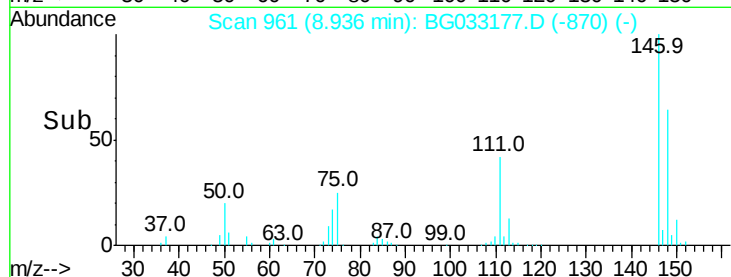
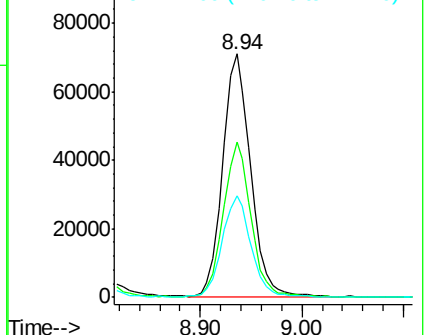
146 100

148 63.8 53.7 80.5

111 41.8 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 37.314 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

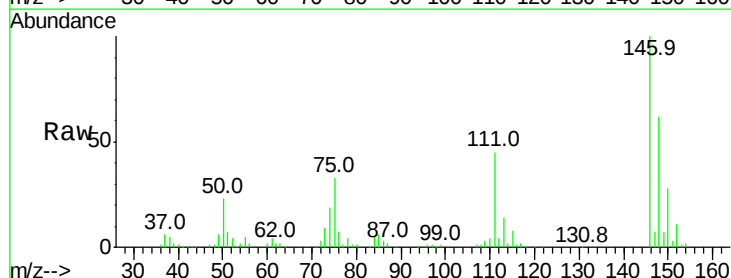
Tgt Ion:146 Resp: 130266

Ion Ratio Lower Upper

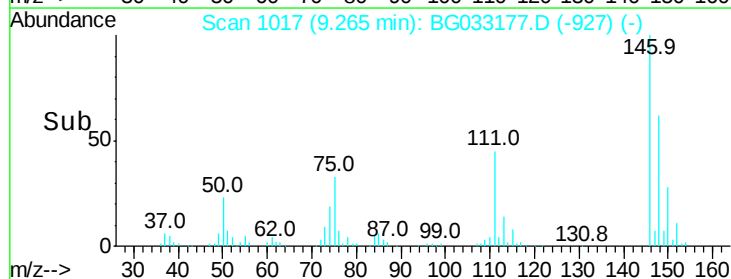
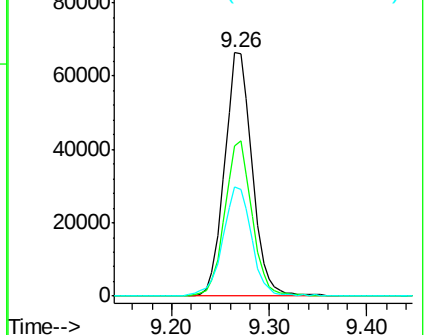
146 100

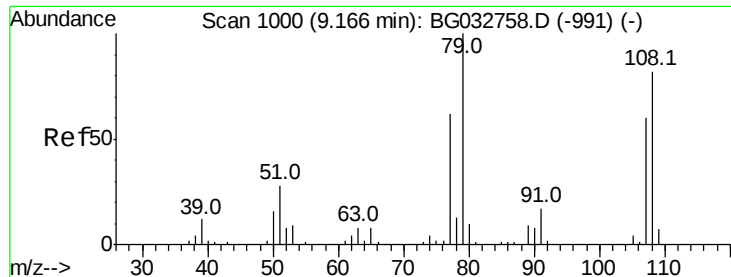
148 61.5 49.3 73.9

111 44.9 34.3 51.5



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

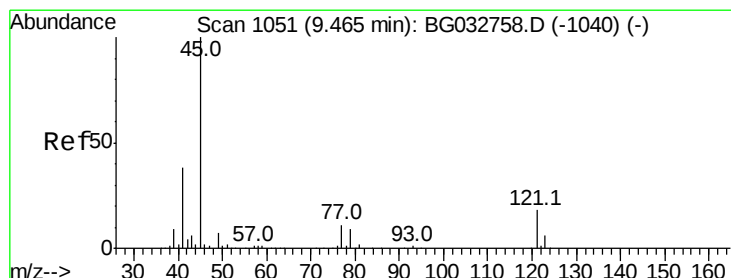
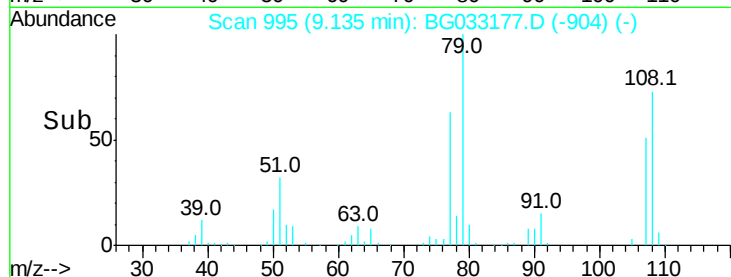
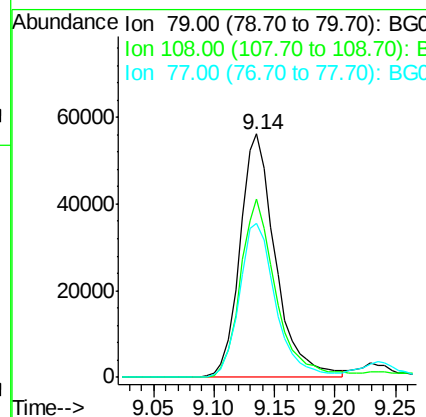
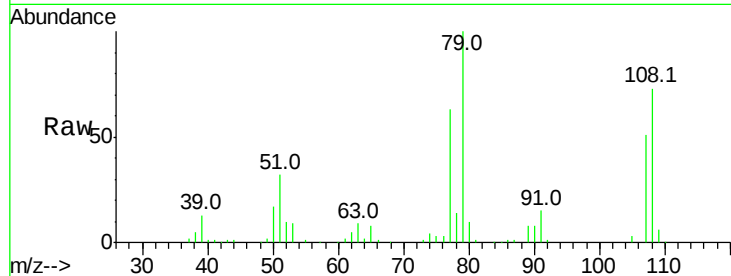




#15
Benzyl Alcohol
Concen: 39.748 ng
RT: 9.14 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

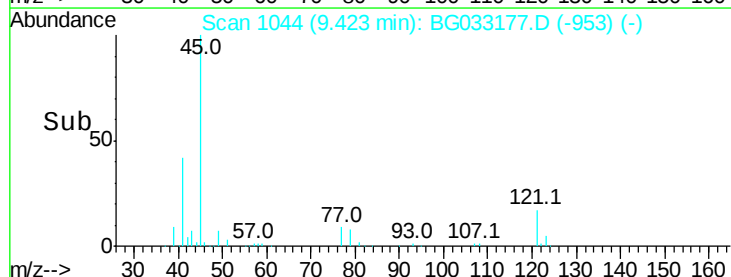
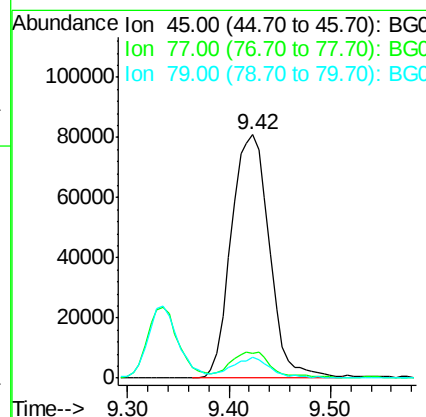
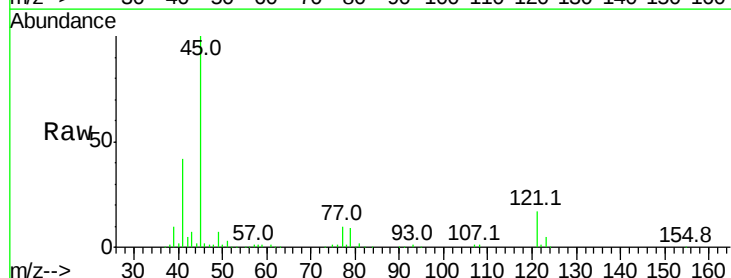
Instrument :
BNA_G
ClientSampleId :

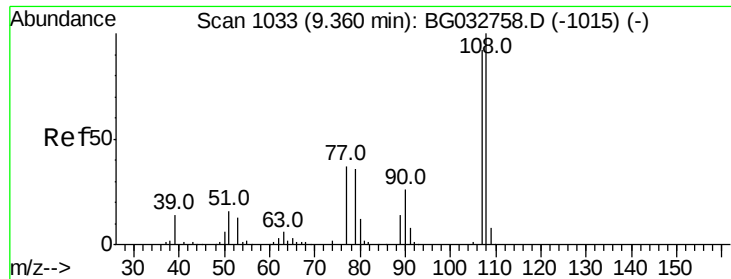
Tot Ion: 79 Resp: 114987
Ion Ratio Lower Upper
79 100
108 73.2 57.2 85.8
77 63.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.839 ng
RT: 9.42 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion: 45 Resp: 210996
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.2
79 8.6 0.0 27.9

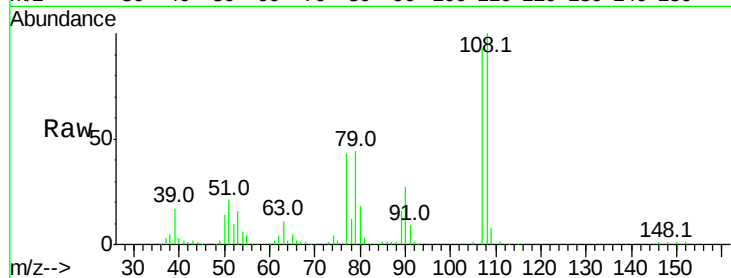




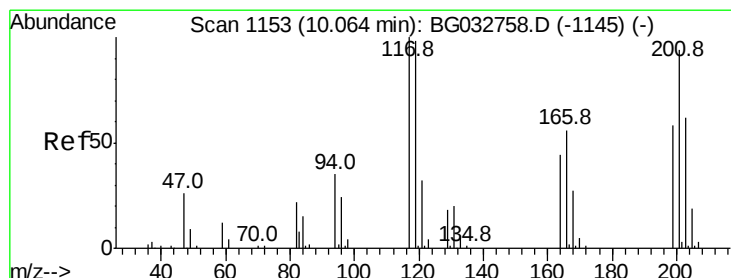
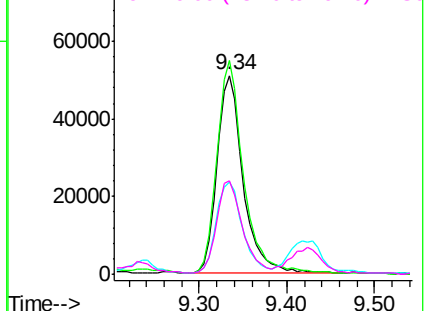
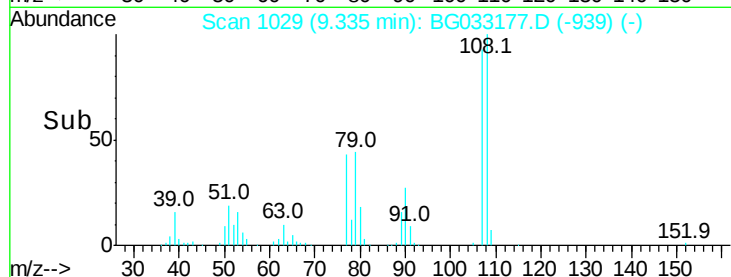
#17
2-Methylphenol
Concen: 35.920 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 105070
Ion Ratio Lower Upper
107 100
108 107.7 83.9 125.9
77 46.3 37.2 55.8
79 47.0 36.2 54.2

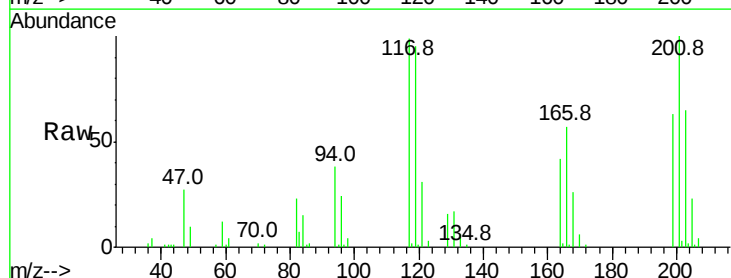


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

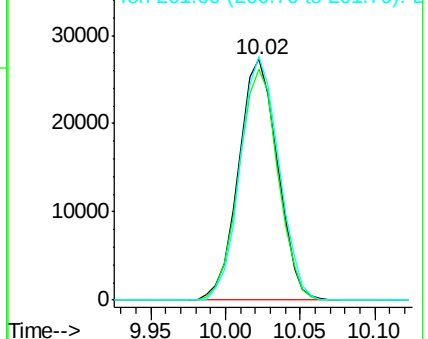
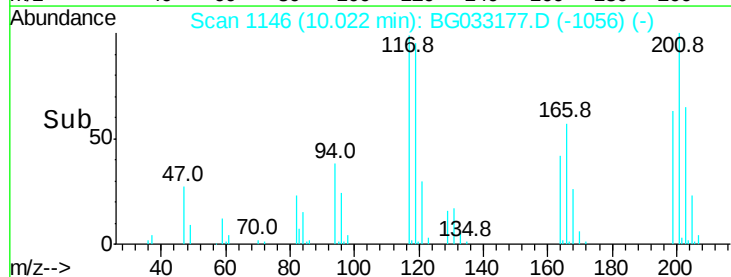


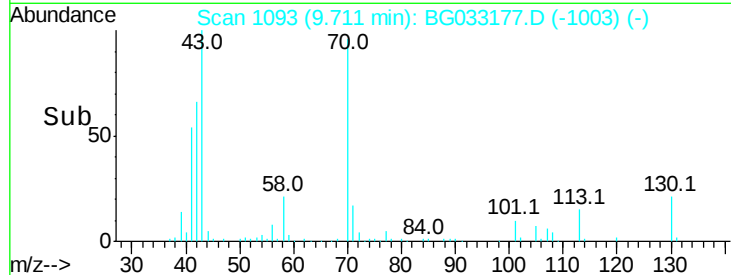
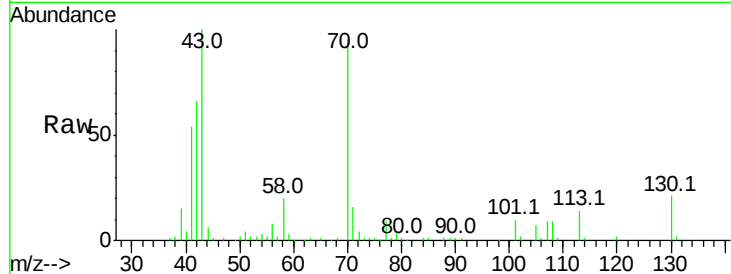
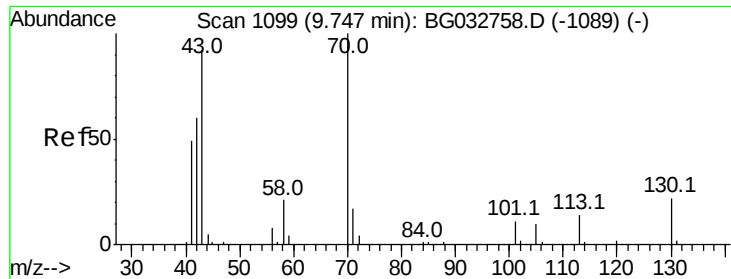
#18
Hexachloroethane
Concen: 39.816 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:117 Resp: 49389
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1
201 101.3 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

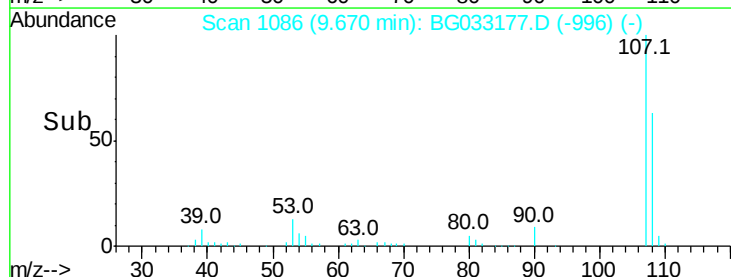
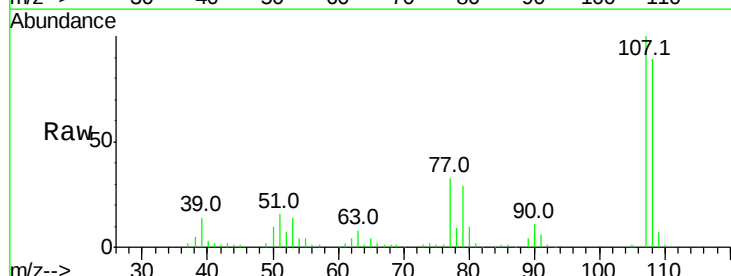
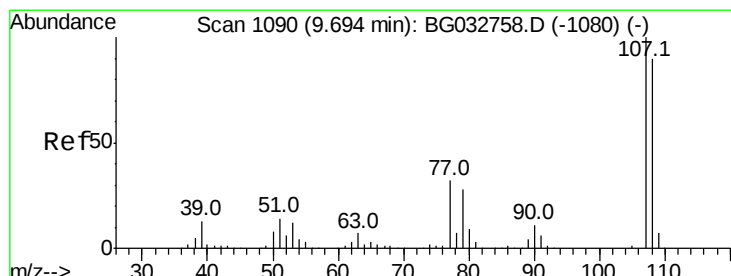
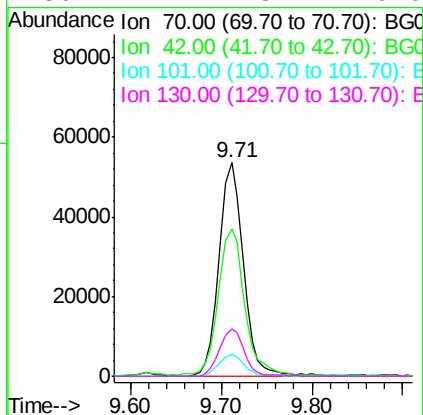




#19
n-Nitroso-di-n-propylamine
Concen: 36.303 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

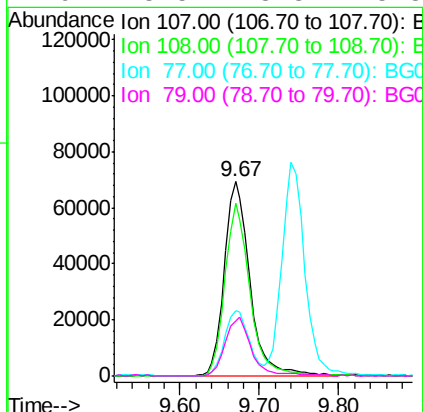
Instrument :
BNA_G
ClientSampleId :

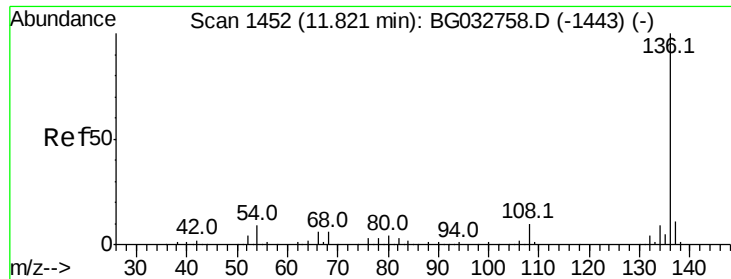
Tot Ion:	70	Resp:	100852
Ion	Ratio	Lower	Upper
70	100		
42	68.6	49.1	73.7
101	10.1	8.5	12.7
130	22.1	13.4	20.0#



#20
3+4-Methylphenols
Concen: 38.006 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:	107	Resp:	154574
Ion	Ratio	Lower	Upper
107	100		
108	88.8	61.6	101.6
77	33.5	13.9	53.9
79	28.5	8.8	48.8

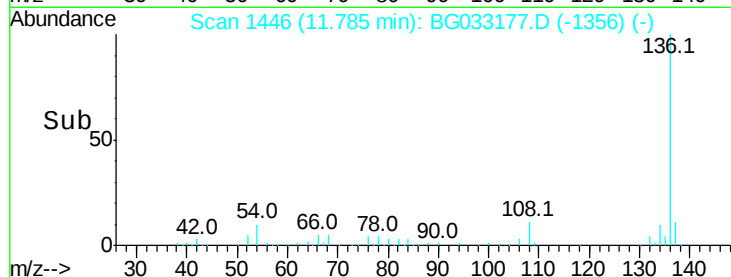
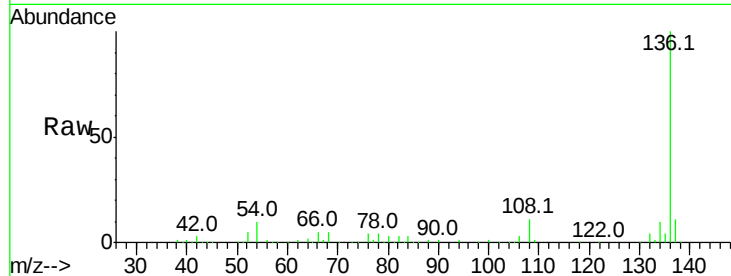




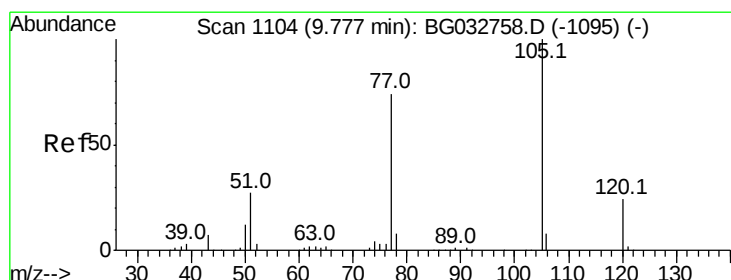
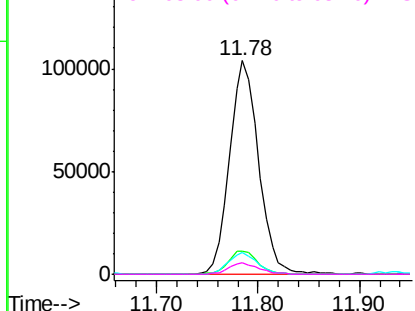
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	206421
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.1	10.3	15.5#
68	5.5	4.5	6.7

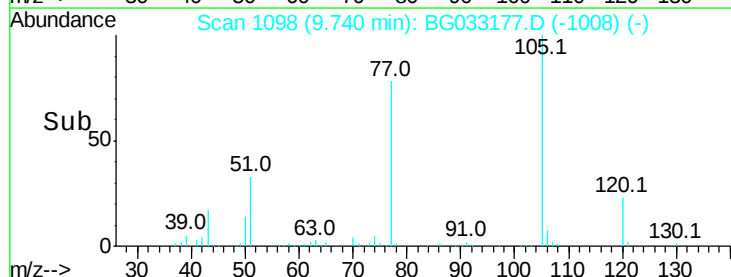
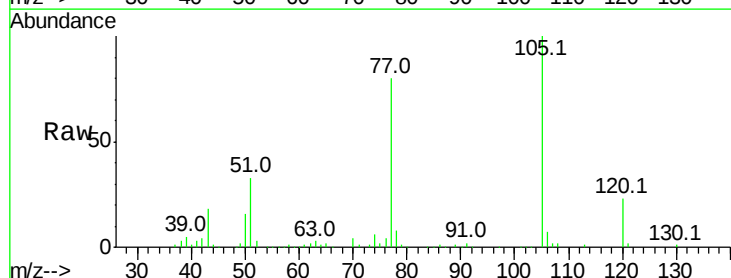


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

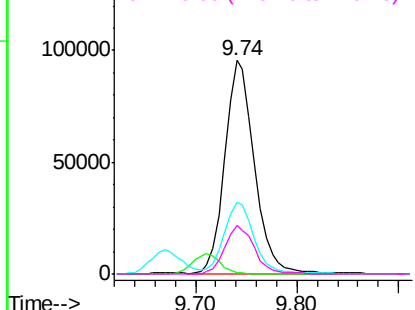


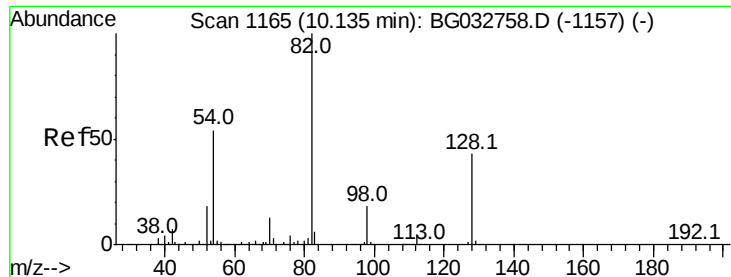
#22
Acetophenone
Concen: 36.639 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:	105	Resp:	191006
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	33.4	26.1	39.1
120	22.7	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

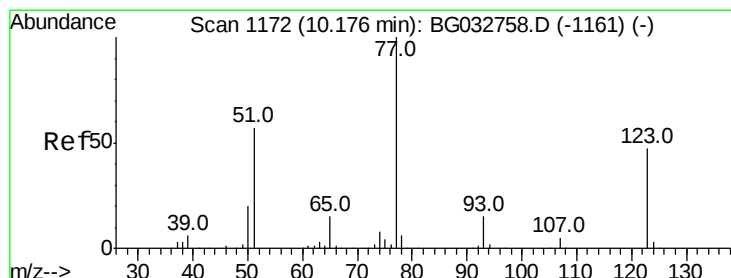
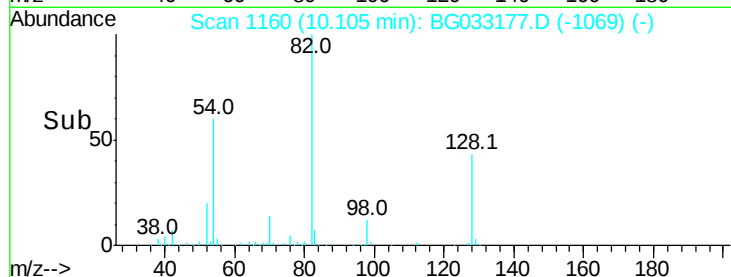
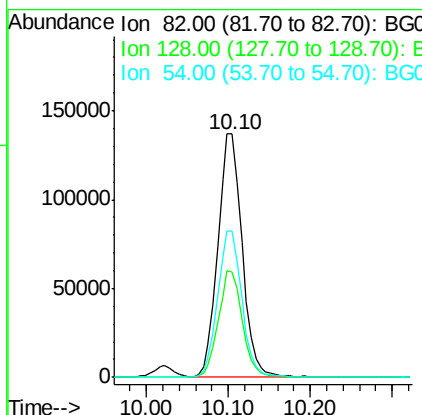
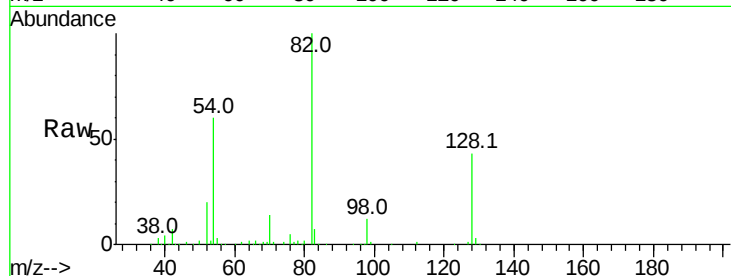




#23
 Nitrobenzene-d5
 Concen: 94.155 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

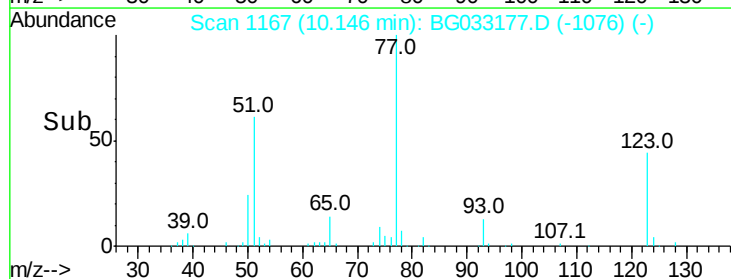
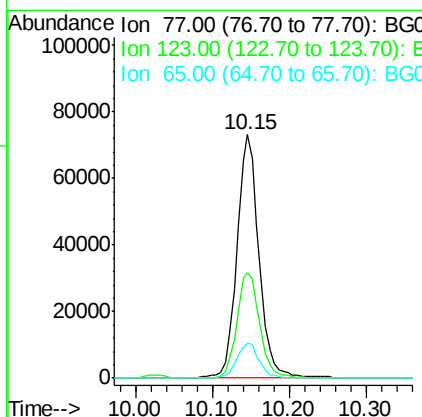
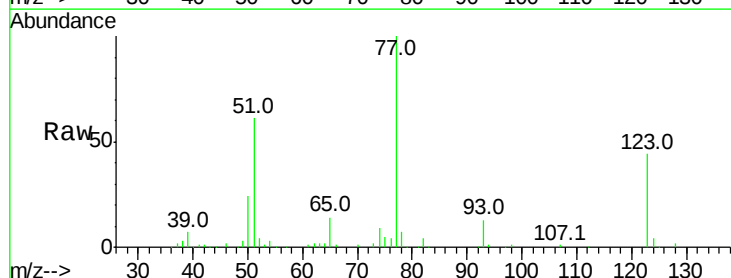
Instrument :
 BNA_G
 ClientSampleId :

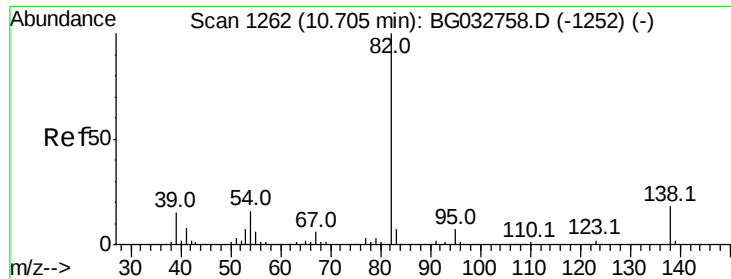
Tot Ion: 82 Resp: 283666
 Ion Ratio Lower Upper
 82 100
 128 43.3 29.7 44.5
 54 60.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.852 ng
 RT: 10.15 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion: 77 Resp: 146061
 Ion Ratio Lower Upper
 77 100
 123 43.5 33.0 49.6
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 36.783 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

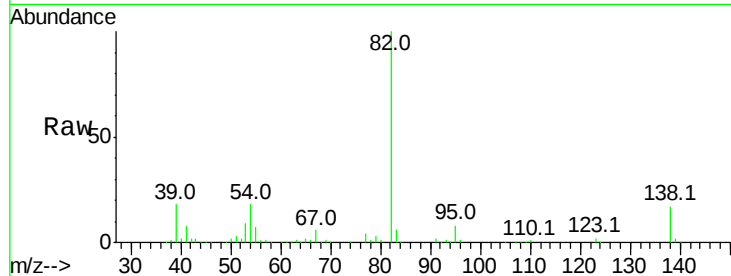
Tot Ion: 82 Resp: 266500

Ion Ratio Lower Upper

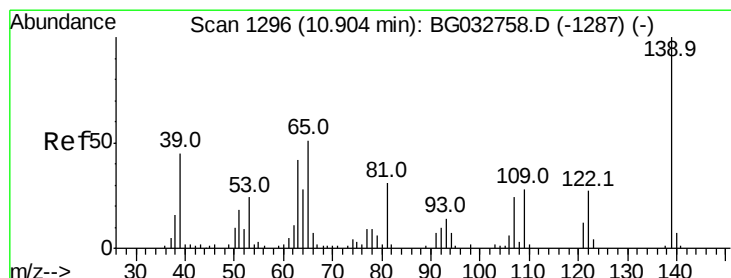
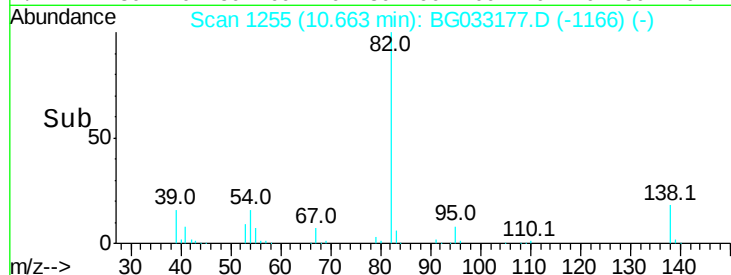
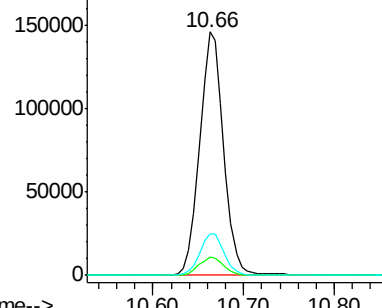
82 100

95 7.6 6.2 9.2

138 17.2 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: 56.830 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

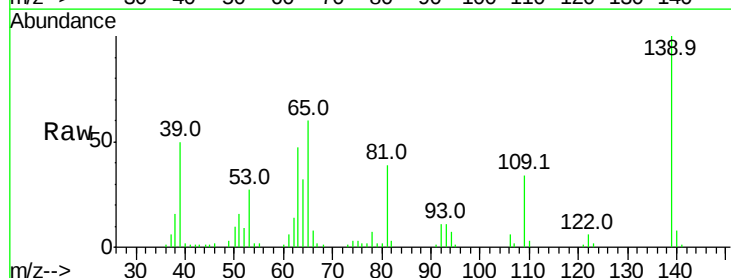
Tgt Ion: 139 Resp: 70453

Ion Ratio Lower Upper

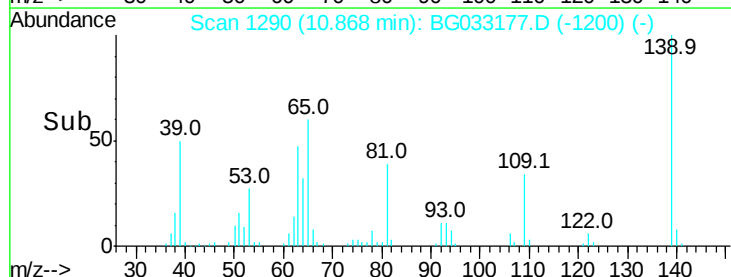
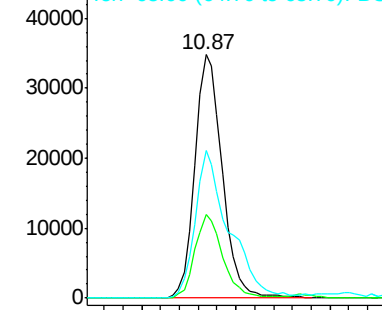
139 100

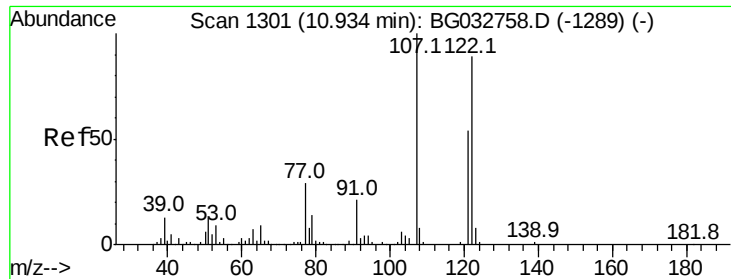
109 34.2 24.2 36.2

65 60.4 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

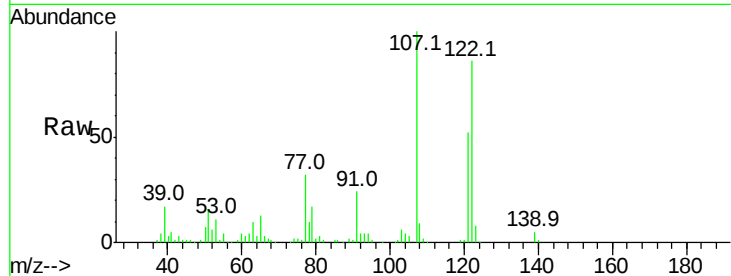




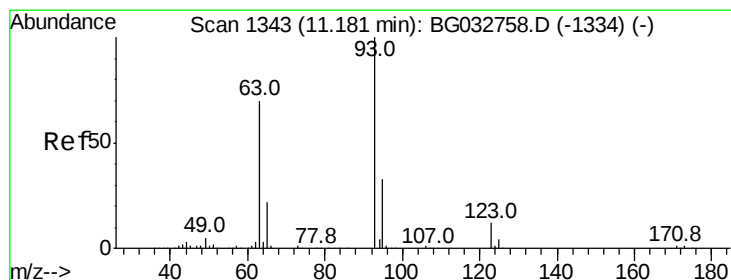
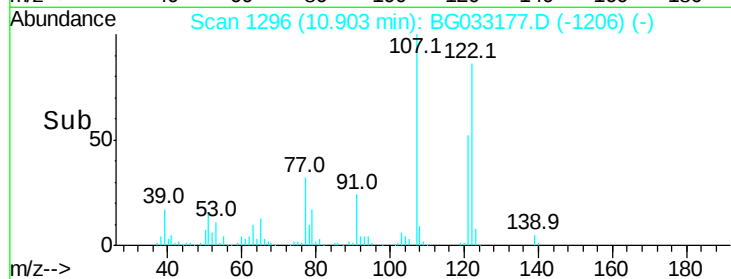
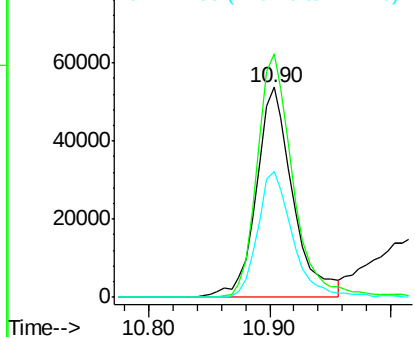
#27
2,4-Dimethylphenol
Concen: 35.673 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 112278
Ion Ratio Lower Upper
122 100
107 115.9 100.2 150.2
121 59.8 44.4 66.6

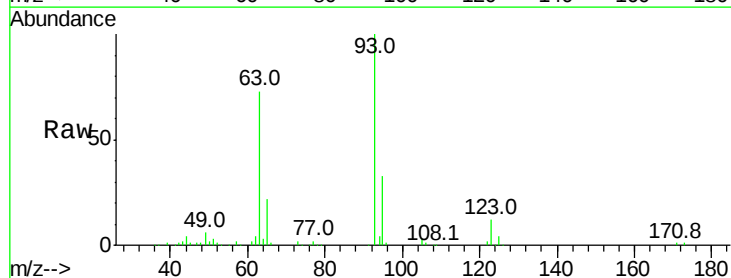


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

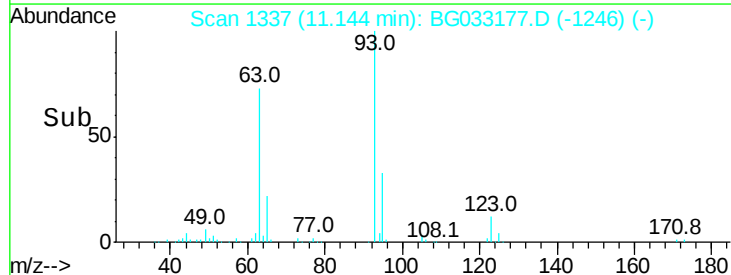
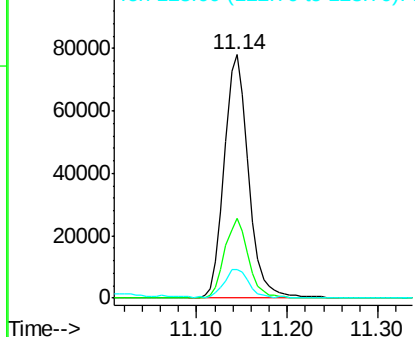


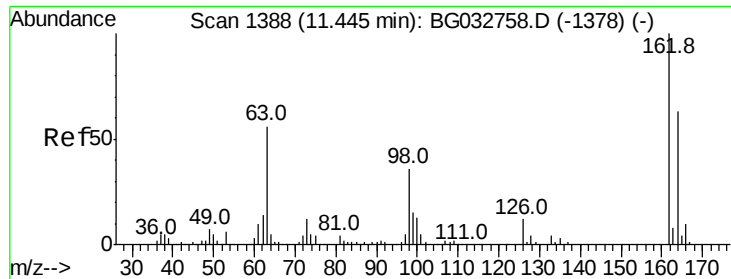
#28
bis(2-Chloroethoxy)methane
Concen: 34.311 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion: 93 Resp: 144821
Ion Ratio Lower Upper
93 100
95 32.7 24.3 36.5
123 11.7 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

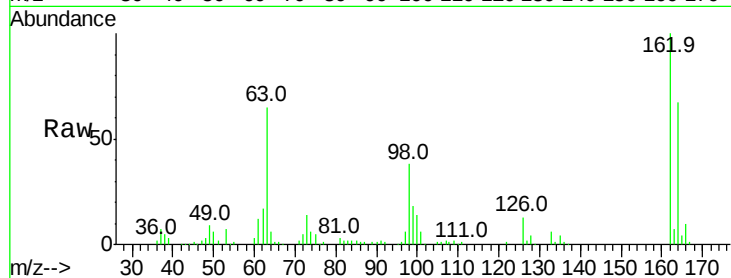




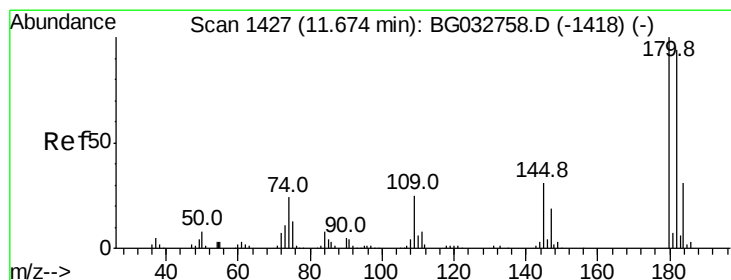
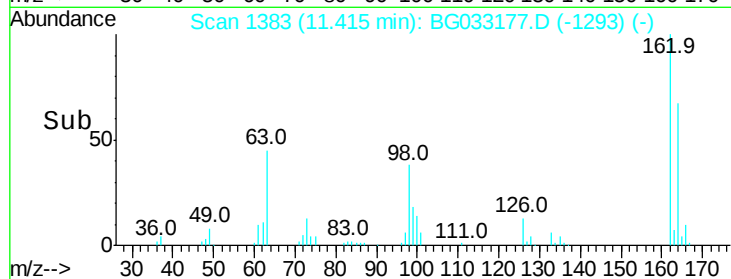
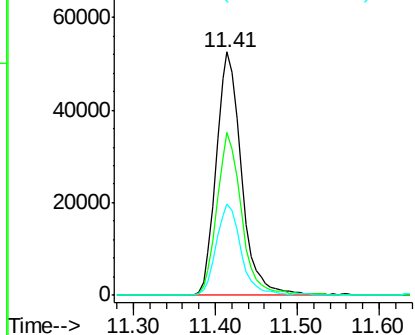
#29
 2,4-Dichlorophenol
 Concen: 39.686 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	48.0	88.0
98	37.6	21.1	61.1

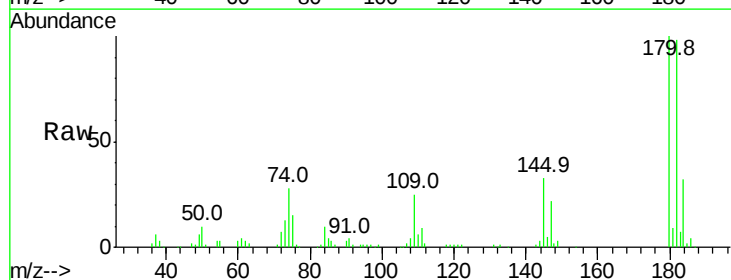


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

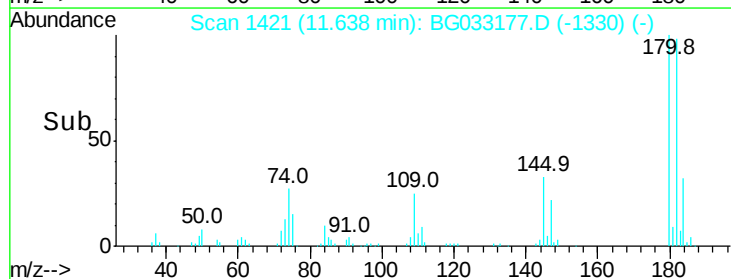
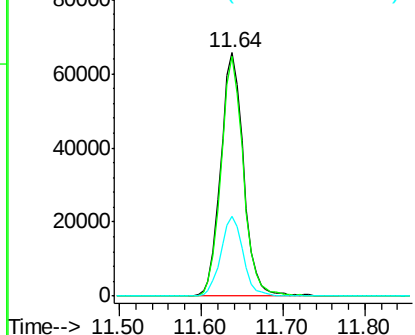


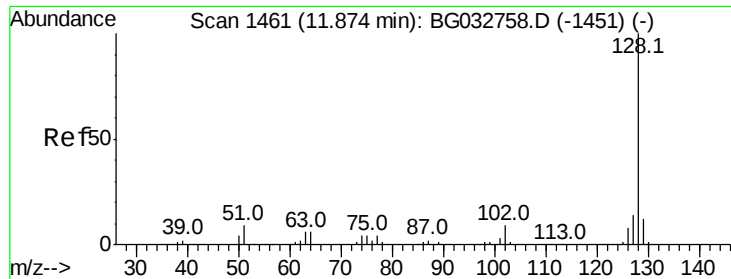
#30
 1,2,4-Trichlorobenzene
 Concen: 38.136 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.5	116.3
145	32.8	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

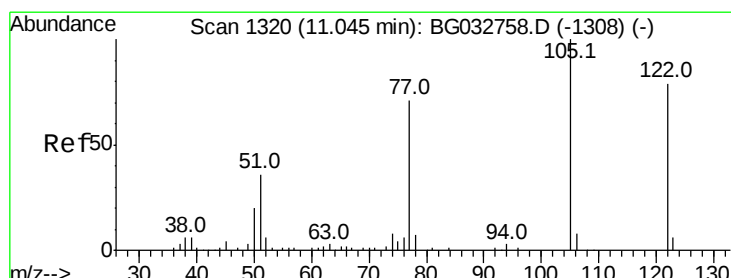
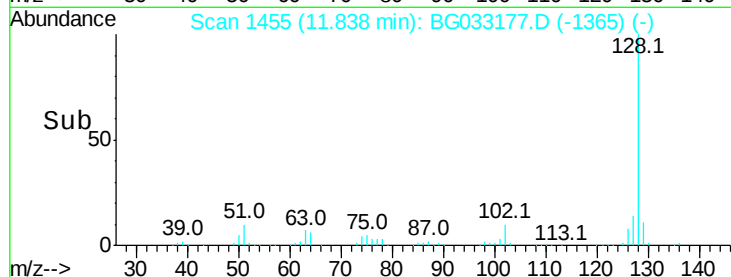
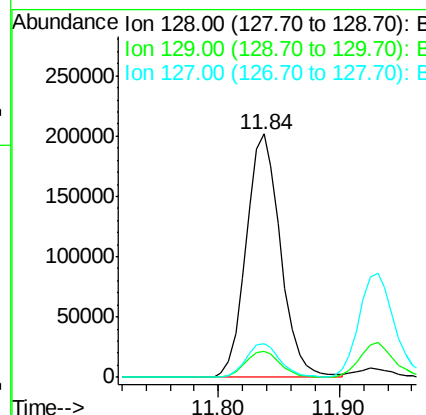
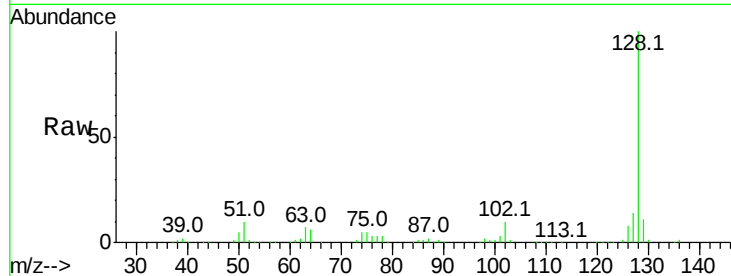




#31
Naphthalene
Concen: 37.022 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

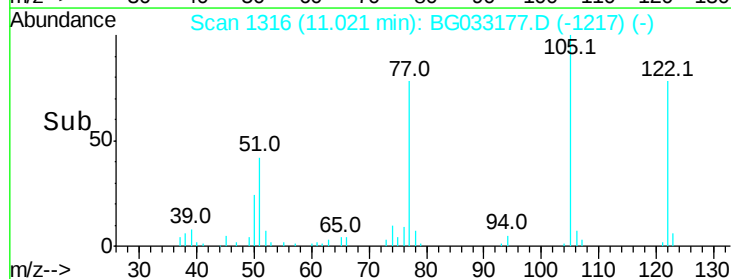
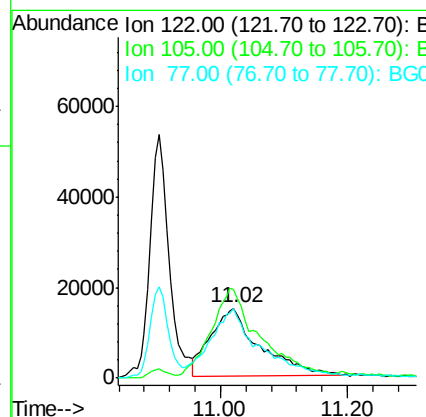
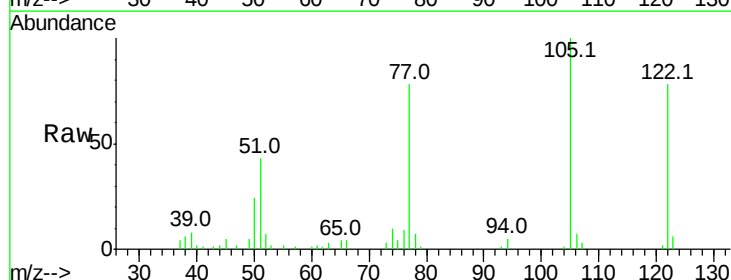
Instrument :
BNA_G
ClientSampleId :

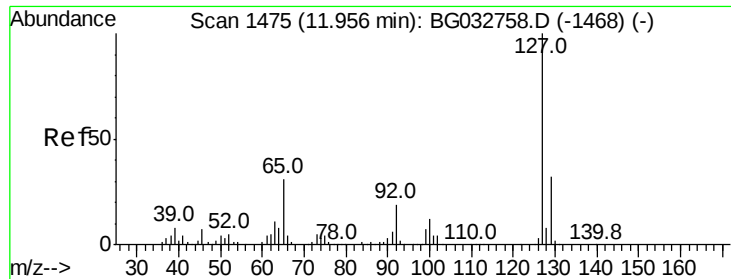
Tot Ion:128 Resp: 399331
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 43.094 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.05 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:122 Resp: 80436
Ion Ratio Lower Upper
122 100
105 128.4 123.5 163.5
77 99.7 85.7 125.7

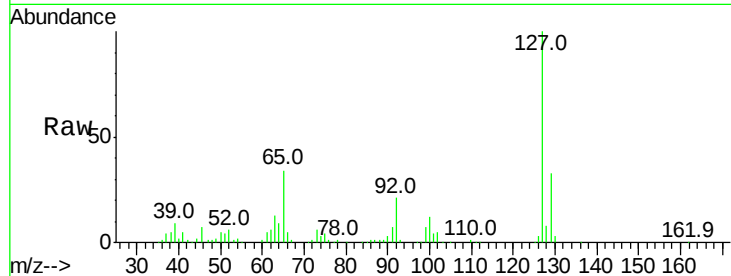




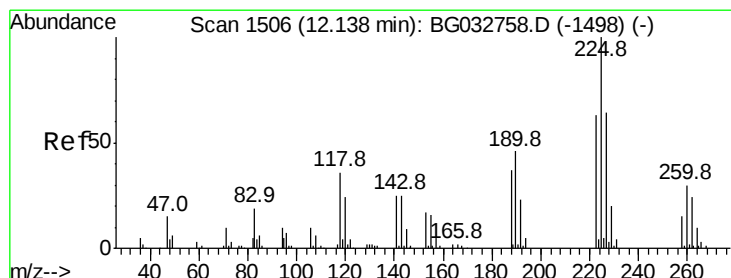
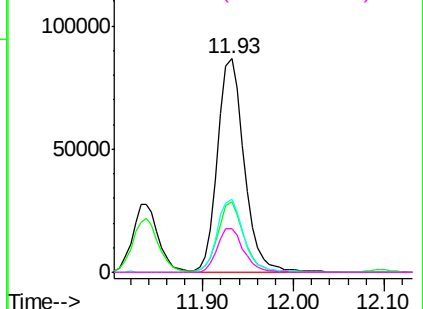
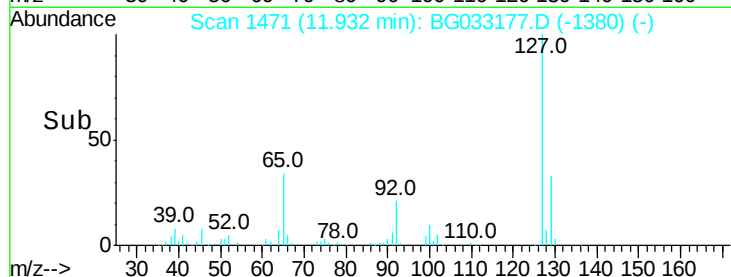
#33
 4-Chloroaniline
 Concen: 36.561 ng
 RT: 11.93 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	176327
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	34.2	27.0	40.4
92	20.6	16.6	25.0

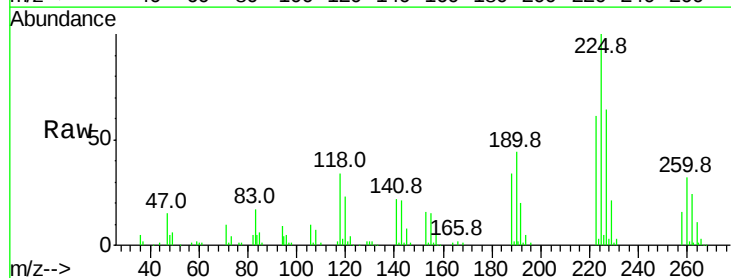


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

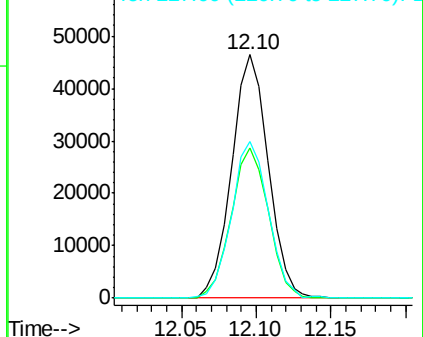
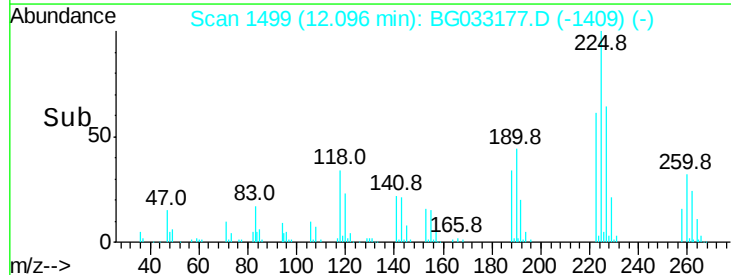


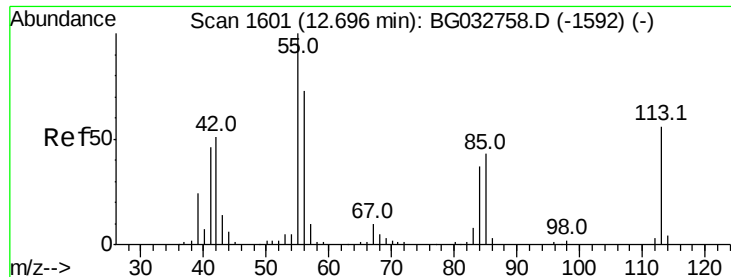
#34
 Hexachlorobutadiene
 Concen: 42.143 ng
 RT: 12.10 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:	225	Resp:	79154
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.7	74.5
227	64.4	48.1	72.1



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

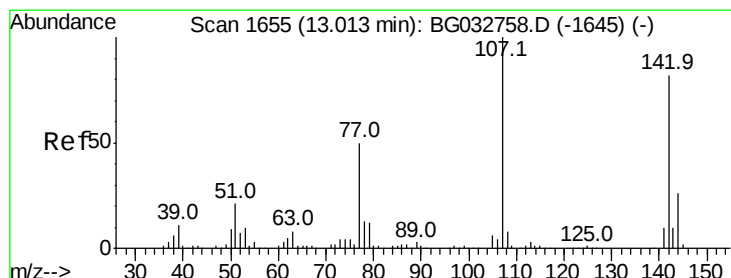
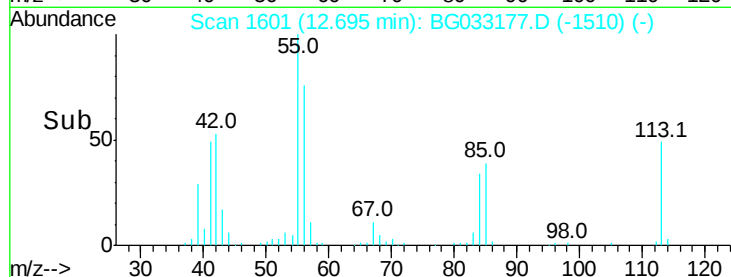
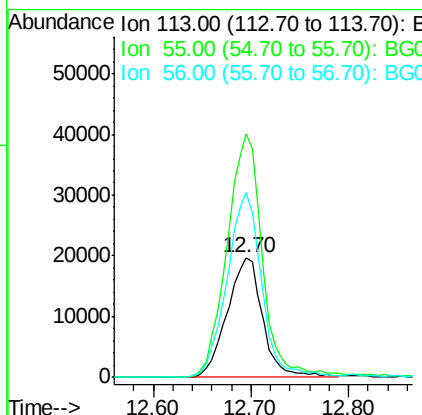
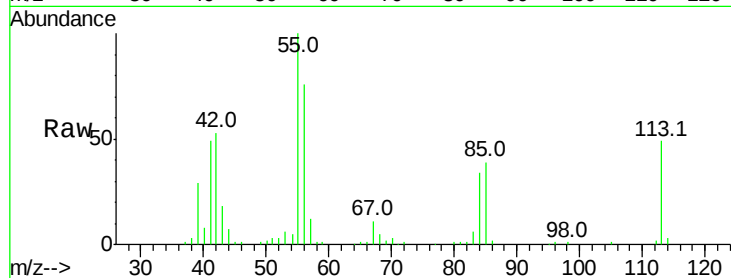




#35
 Caprolactam
 Concen: 43.319 ng
 RT: 12.70 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

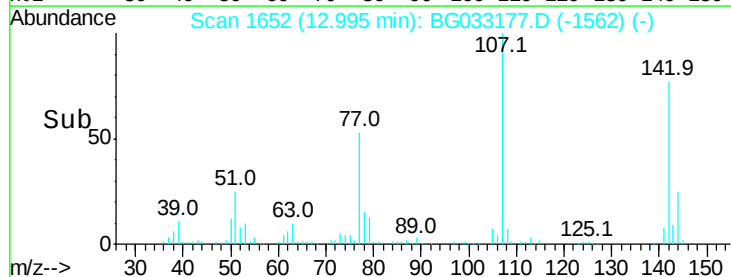
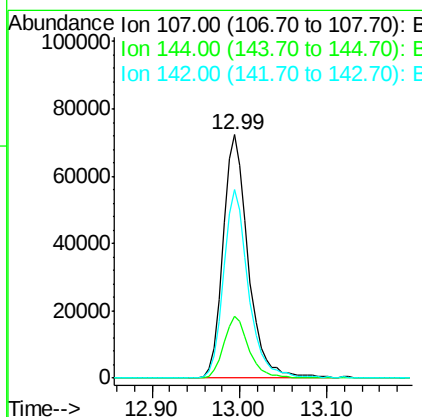
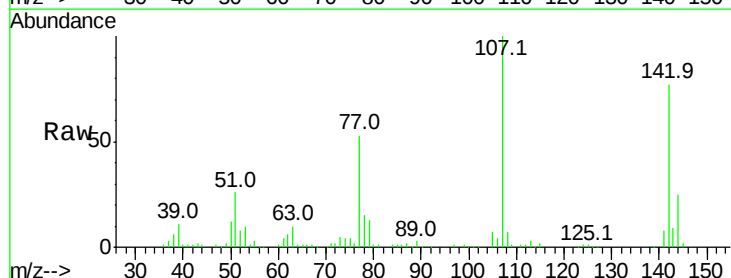
Instrument :
 BNA_G
 ClientSampleId :

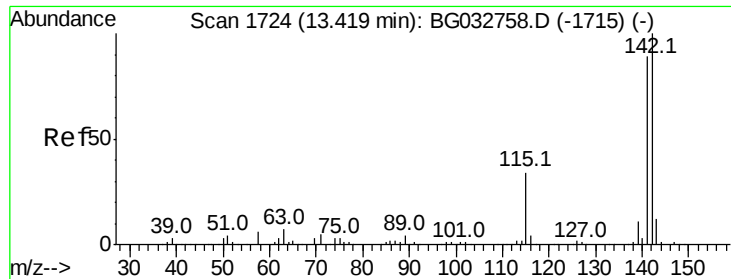
Tot Ion:113 Resp: 49549
 Ion Ratio Lower Upper
 113 100
 55 203.6 186.9 226.9
 56 154.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.961 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:107 Resp: 142814
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.2 27.4
 142 77.4 59.0 88.4

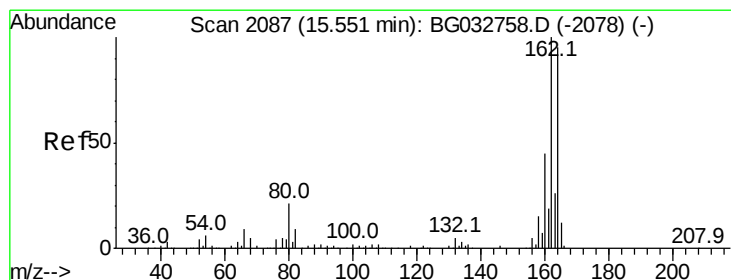
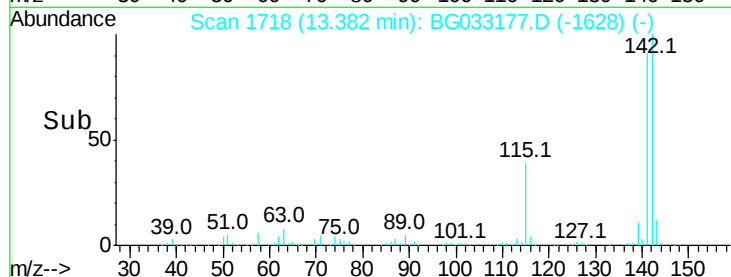
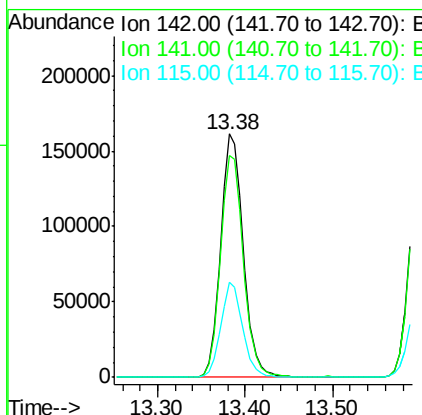
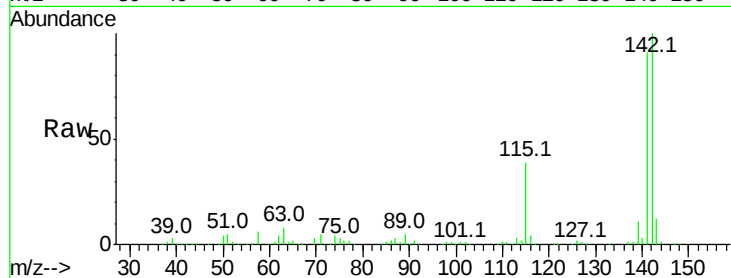




#37
 2-Methylnaphthalene
 Concen: 37.022 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

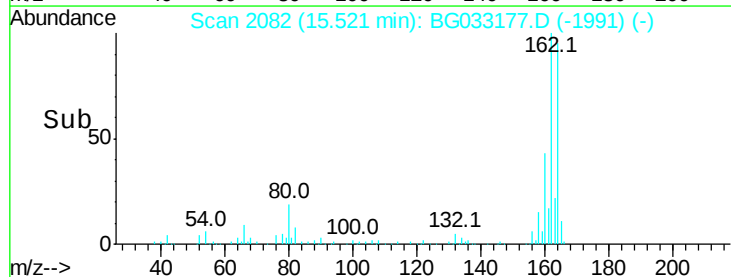
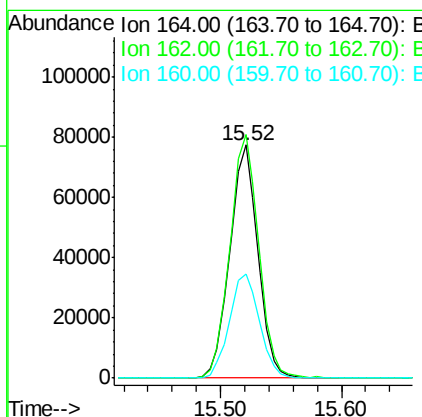
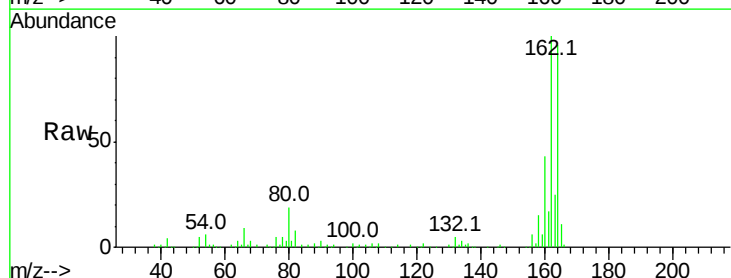
Instrument :
 BNA_G
 ClientSampleId :

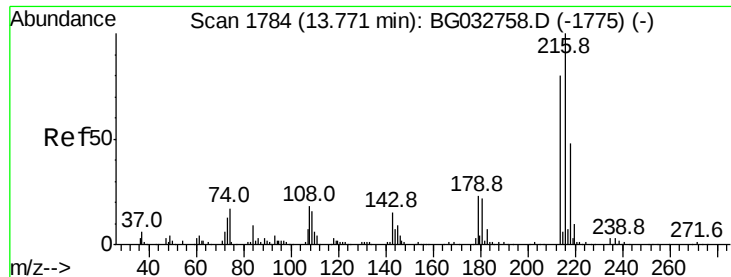
Tot Ion:142 Resp: 288906
 Ion Ratio Lower Upper
 142 100
 141 91.2 67.1 100.7
 115 39.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:164 Resp: 125040
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 44.6 35.4 53.0

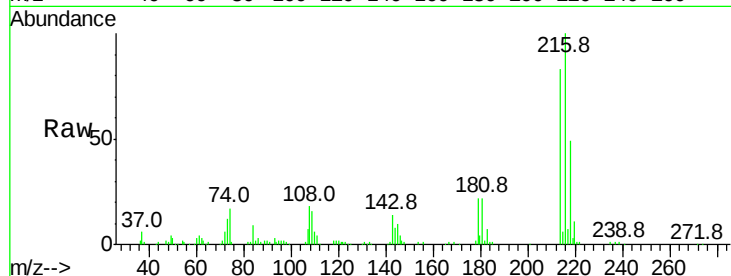




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.397 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.1	17.0	25.6
108	19.8	12.8	19.2



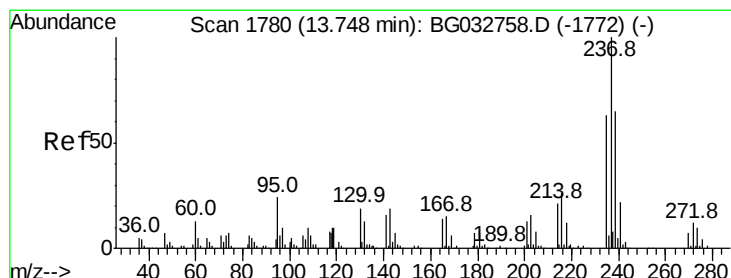
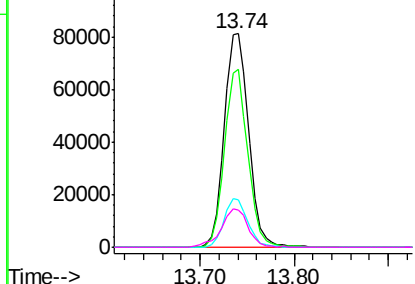
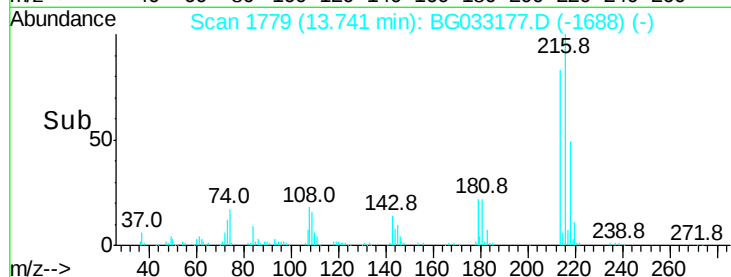
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

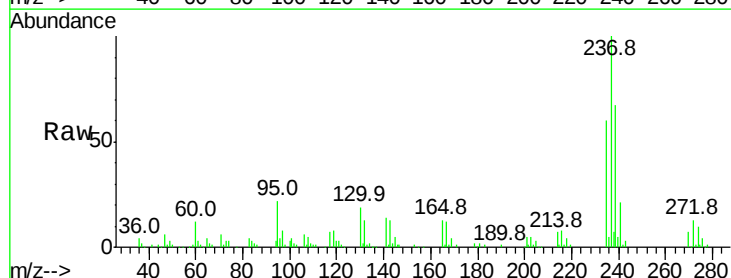
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 39.213 ng
 RT: 13.71 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.4	50.4	90.4
272	13.4	0.0	31.8

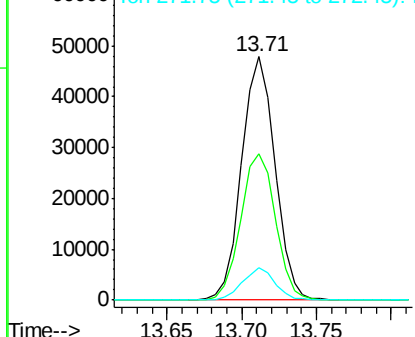
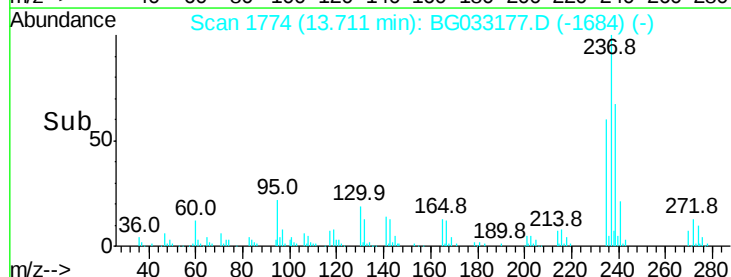


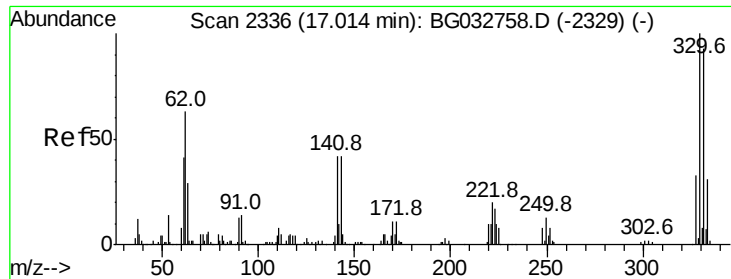
Abundance

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

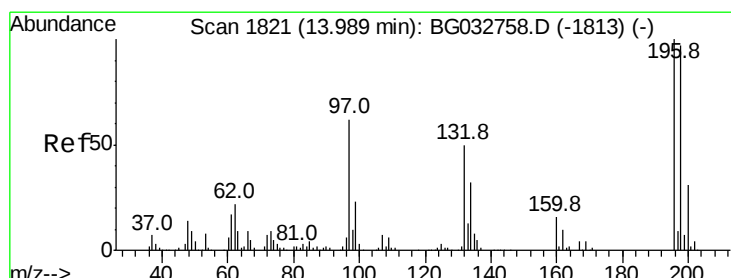
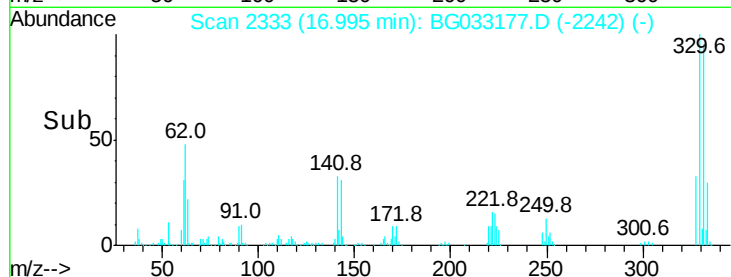
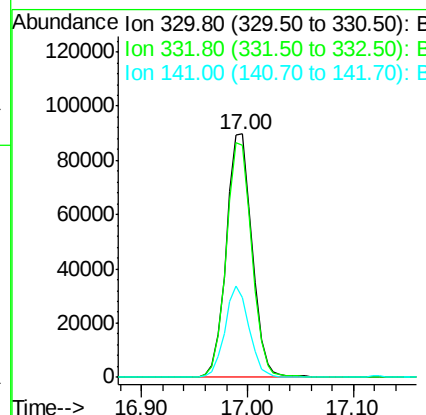
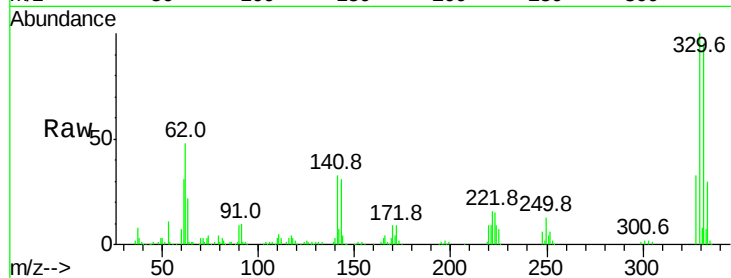




#41
 2,4,6-Tribromophenol
 Concen: 114.847 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

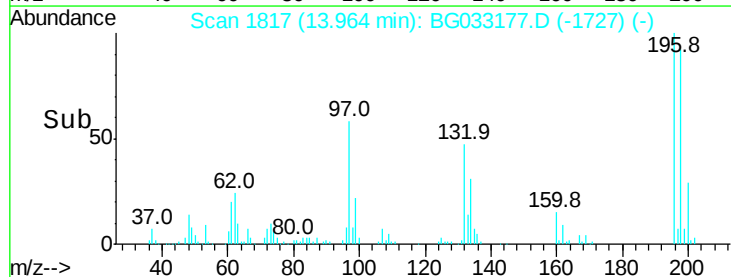
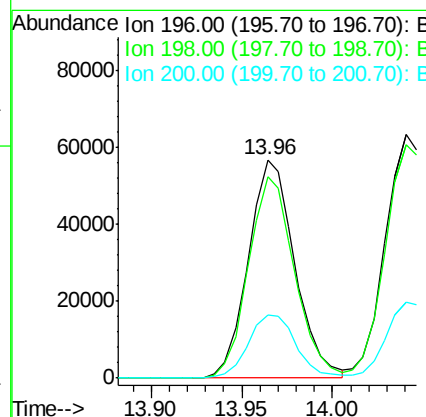
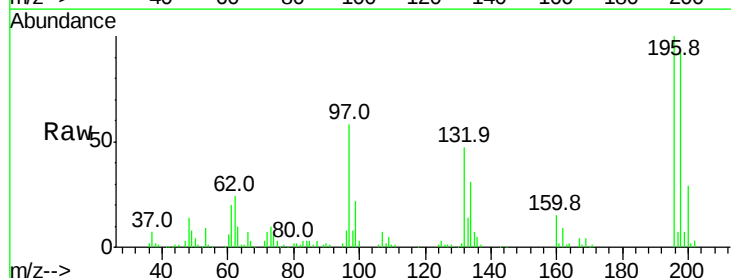
Instrument :
 BNA_G
 ClientSampleId :

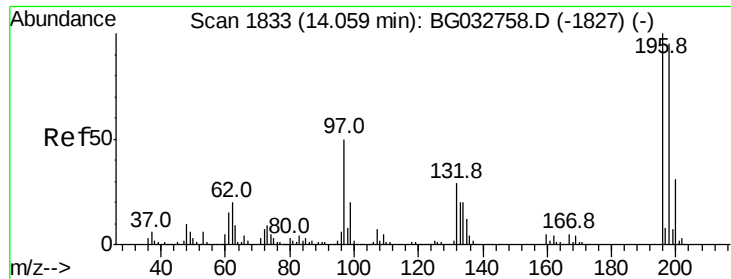
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.5	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.291 ng
 RT: 13.96 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	78.2	117.2
200	29.1	24.6	36.8

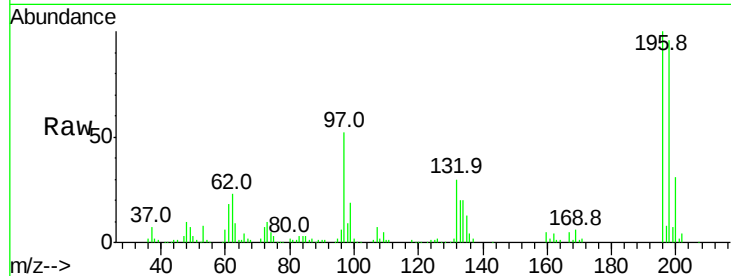




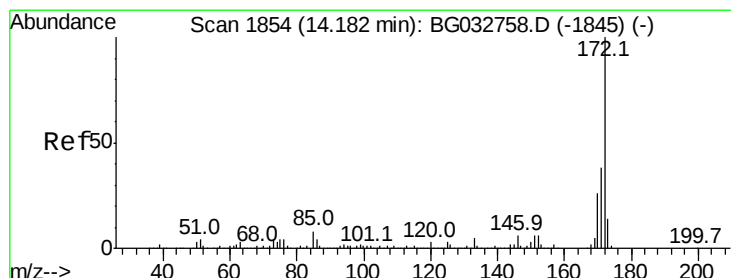
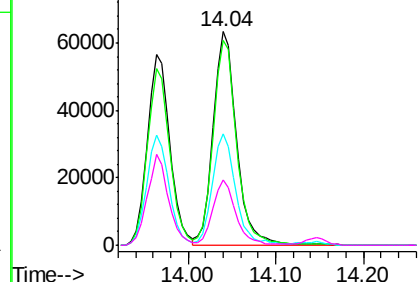
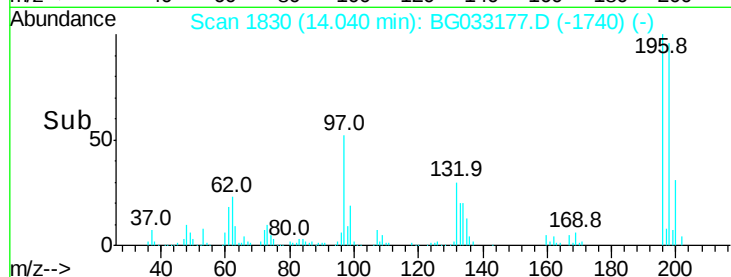
#43
 2,4,5-Trichlorophenol
 Concen: 43.727 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 118466
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.4
 97 52.4 38.7 58.1
 132 30.3 20.2 30.2#

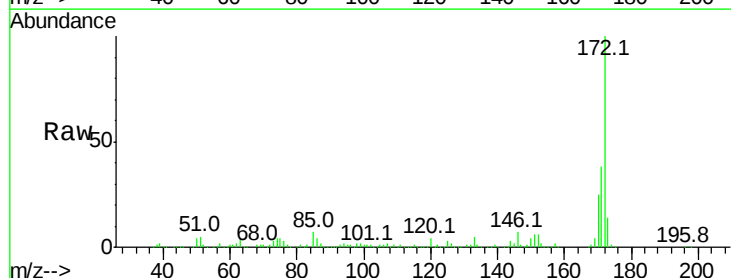


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

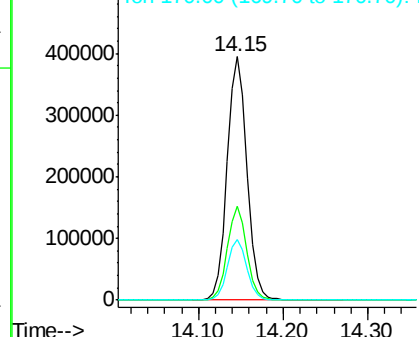
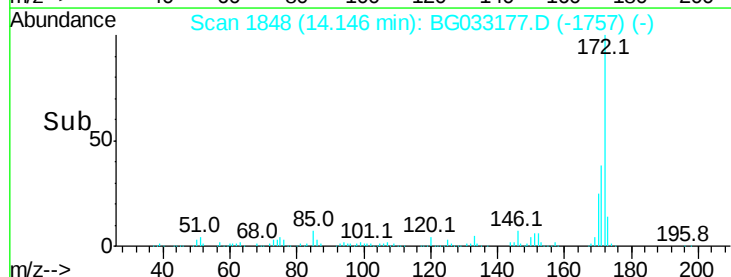


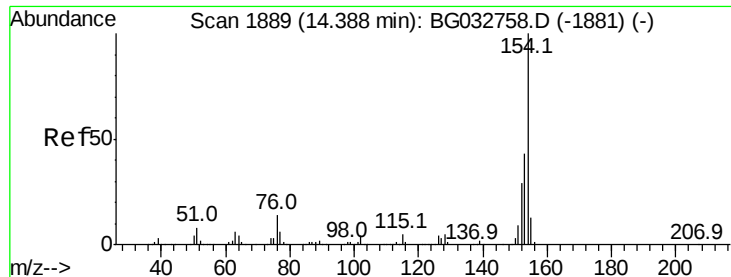
#44
 2-Fluorobiphenyl
 Concen: 73.673 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:172 Resp: 638724
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.0 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

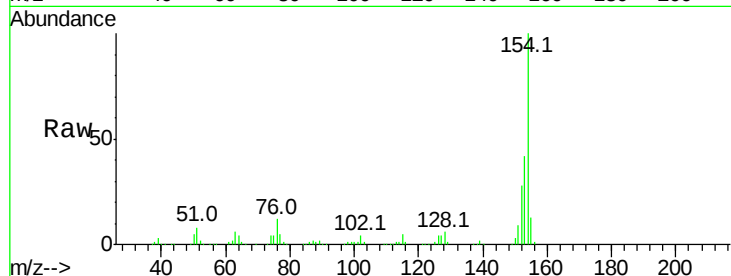




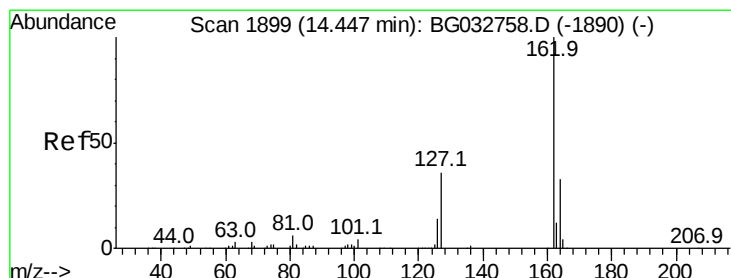
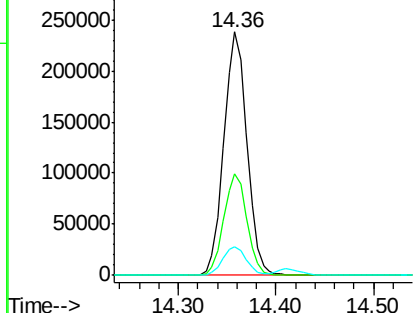
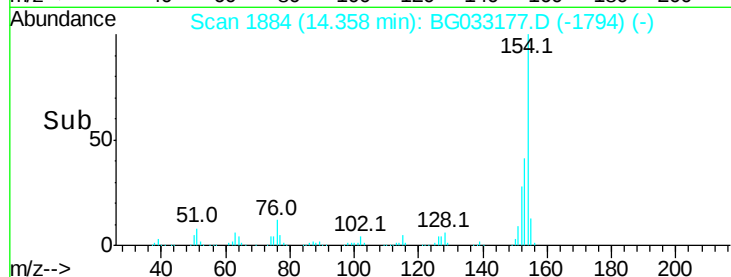
#45
 1,1'-Biphenyl
 Concen: 35.719 ng
 RT: 14.36 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.9	0.0	31.9

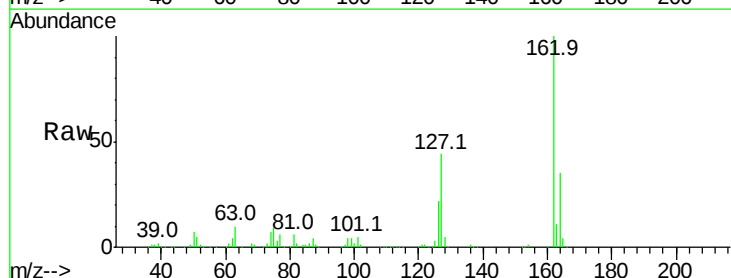


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

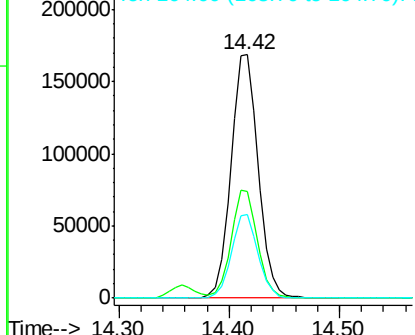
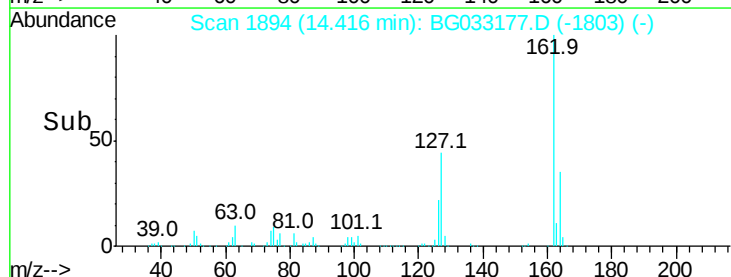


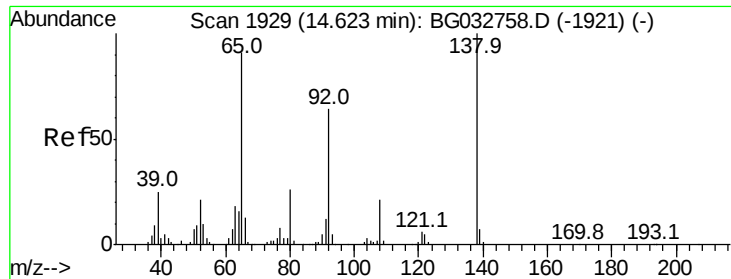
#46
 2-Chloronaphthalene
 Concen: 35.740 ng
 RT: 14.42 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	30.7	46.1
164	34.6	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: 52.457 ng

RT: 14.60 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

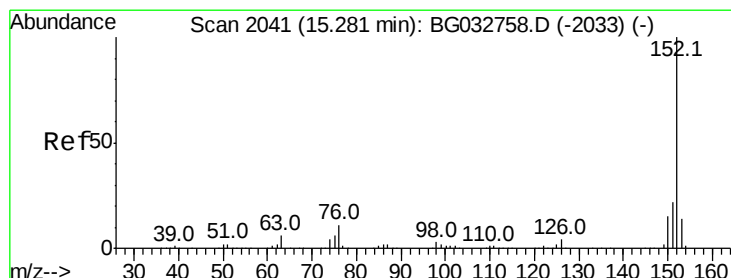
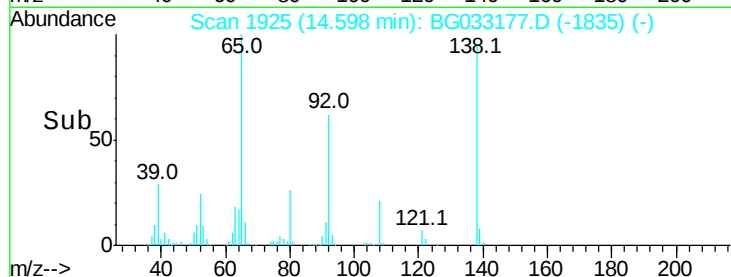
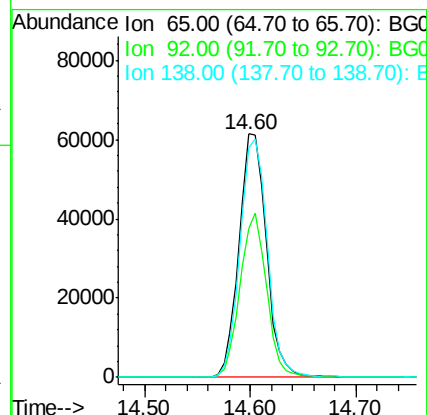
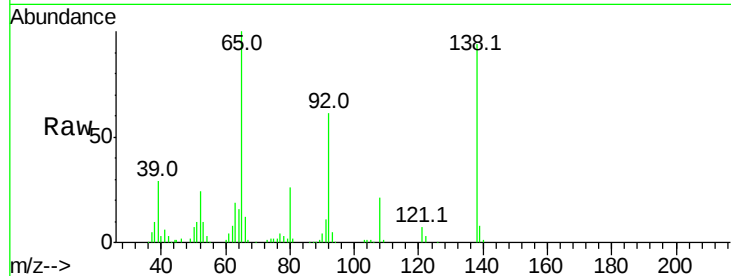
Tot Ion: 65 Resp: 110343

Ion Ratio Lower Upper

65 100

92 61.4 54.6 82.0

138 94.4 72.9 109.3



#48

Acenaphthylene

Concen: 36.958 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

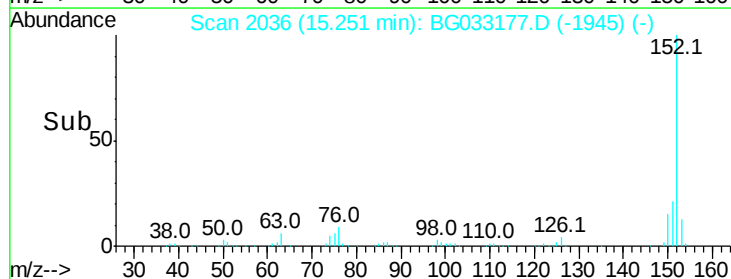
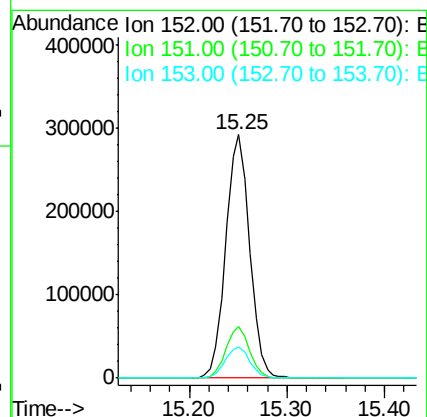
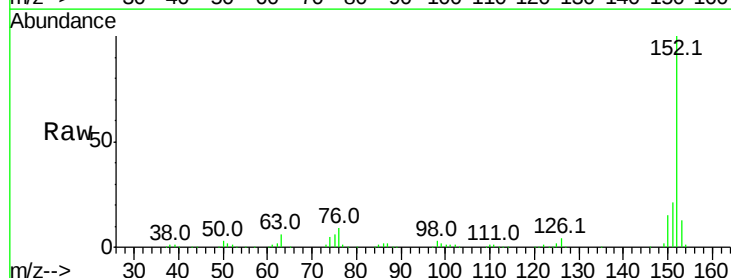
Tgt Ion: 152 Resp: 493874

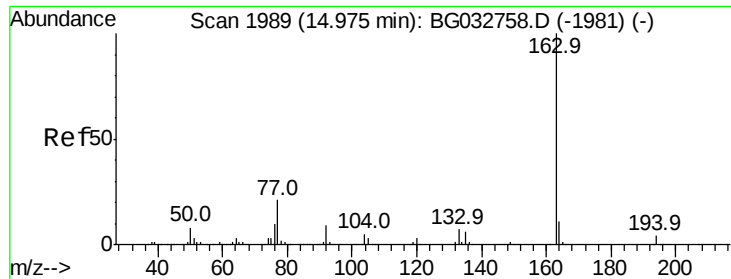
Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

153 12.8 10.2 15.4





#49

Dimethylphthalate

Concen: 37.270 ng

RT: 14.95 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

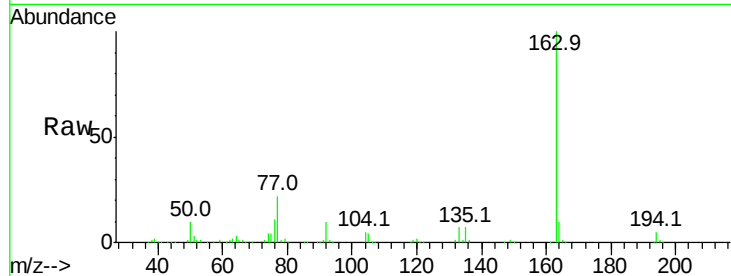
Tot Ion:163 Resp: 395697

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

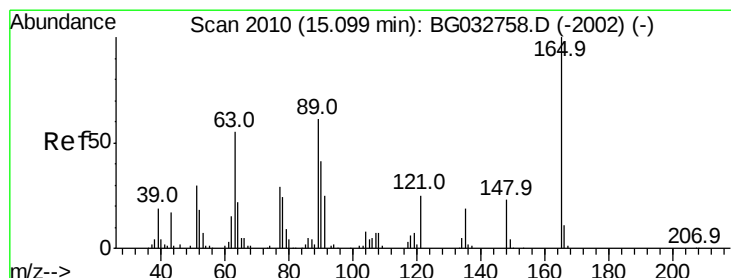
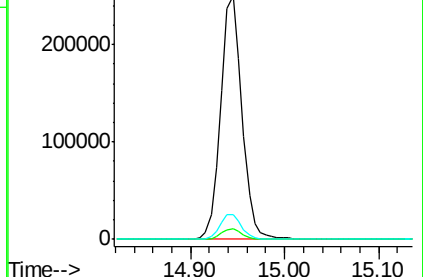
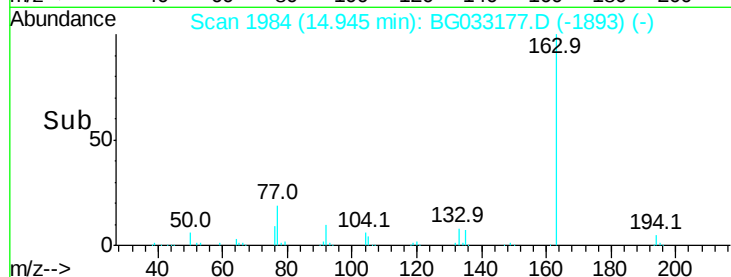
164 10.0 8.2 12.4



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: 49.151 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

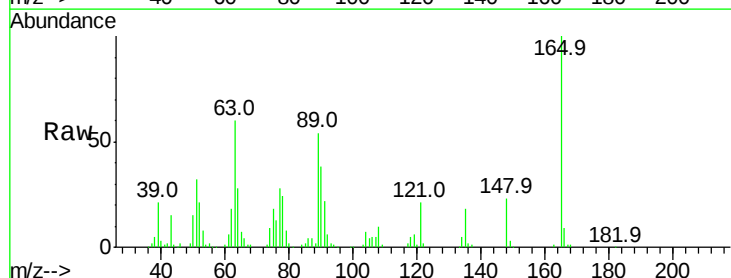
Tgt Ion:165 Resp: 86832

Ion Ratio Lower Upper

165 100

63 60.2 52.7 79.1

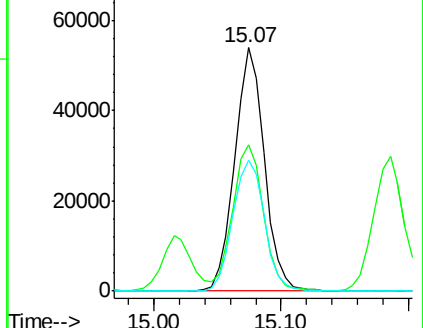
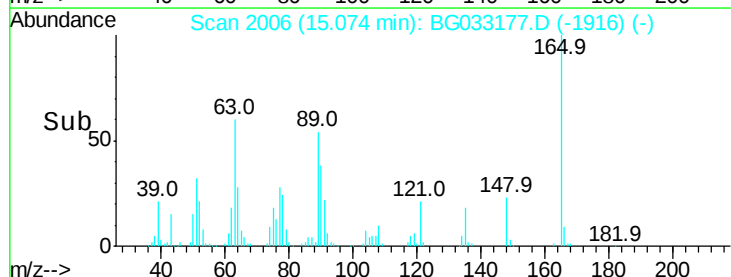
89 54.0 49.2 73.8

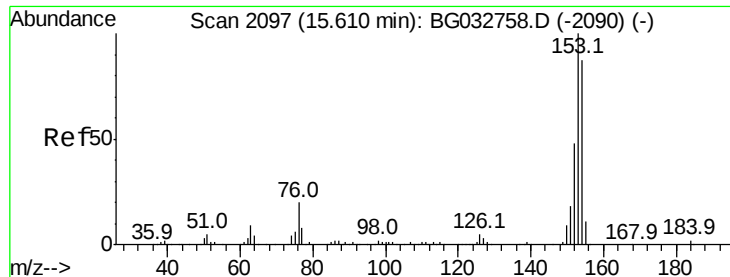


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.586 ng

RT: 15.59 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

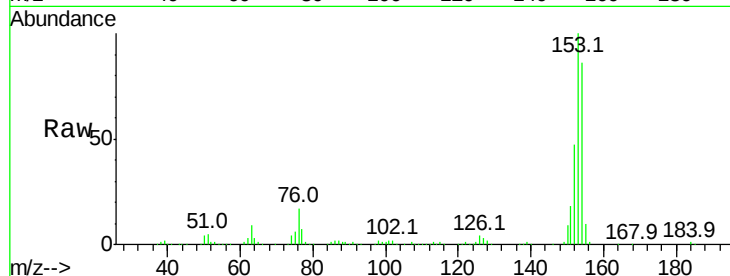
Tot Ion:154 Resp: 321129

Ion Ratio Lower Upper

154 100

153 116.3 90.4 135.6

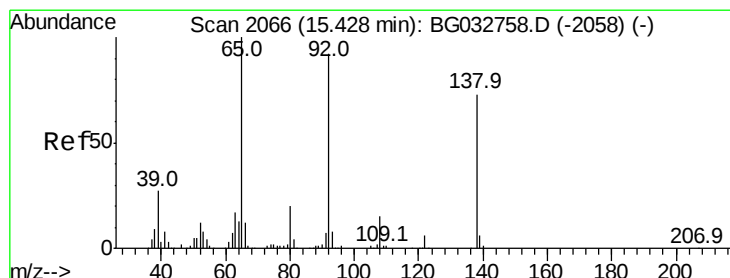
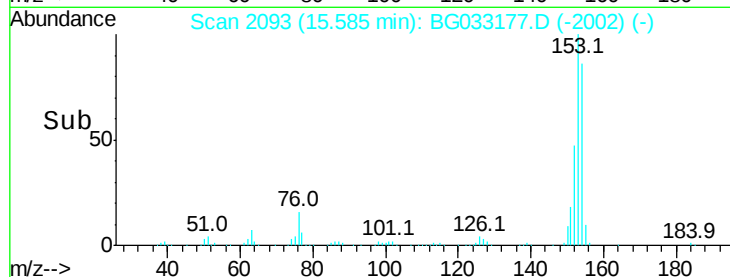
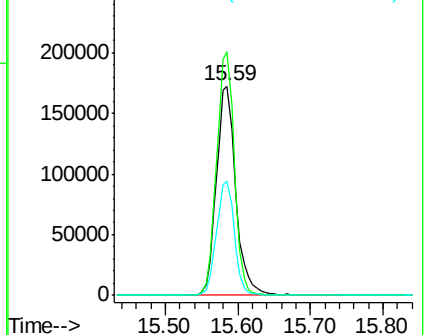
152 54.4 41.6 62.4



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: 46.544 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

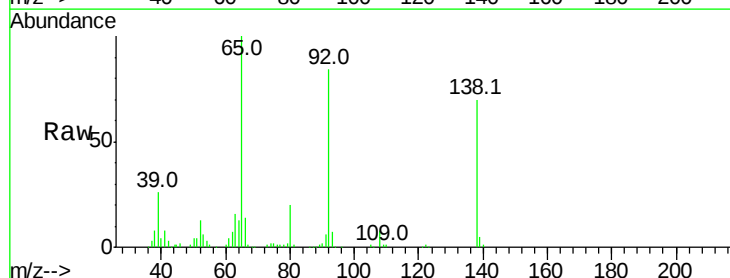
Tgt Ion:138 Resp: 100597

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

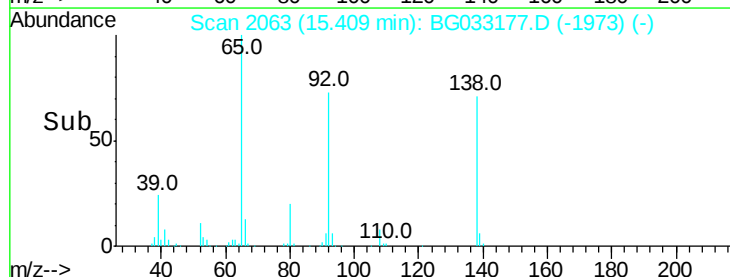
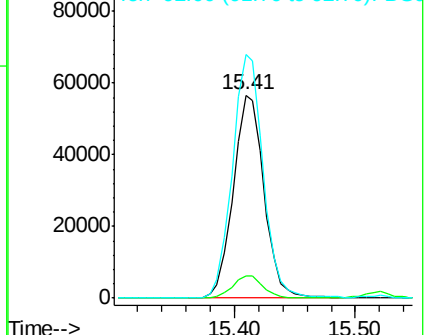
92 119.9 105.8 158.8

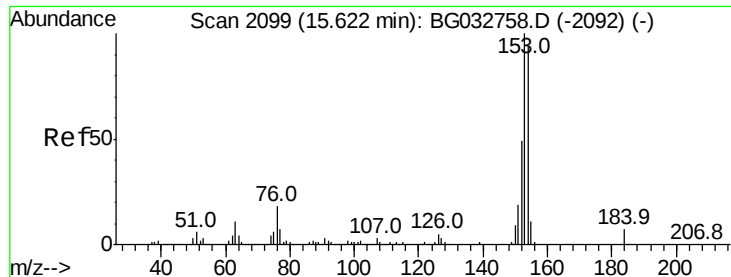


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

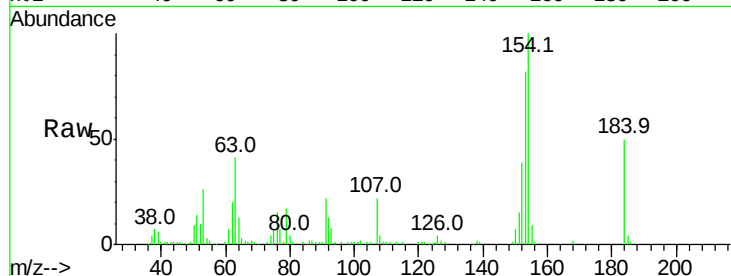




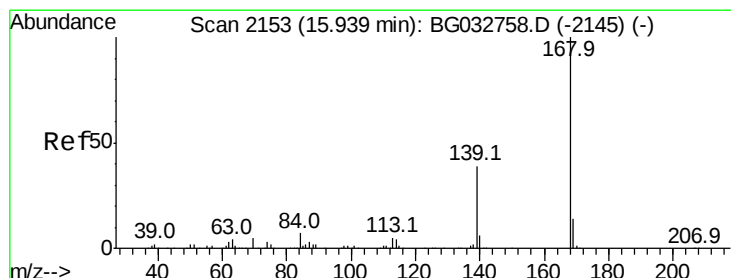
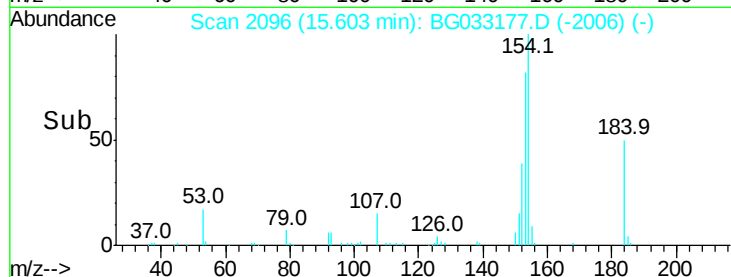
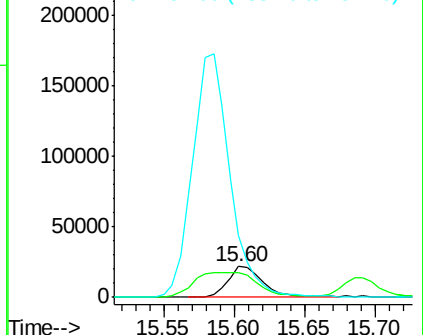
#53
 2,4-Dinitrophenol
 Concen: 72.362 ng
 RT: 15.60 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 38644
 Ion Ratio Lower Upper
 184 100
 63 82.2 59.8 89.8
 154 200.0 101.8 152.8#

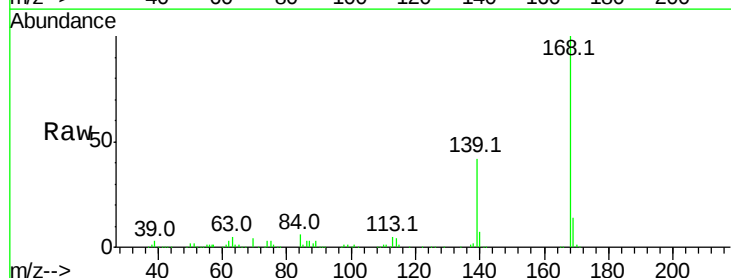


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

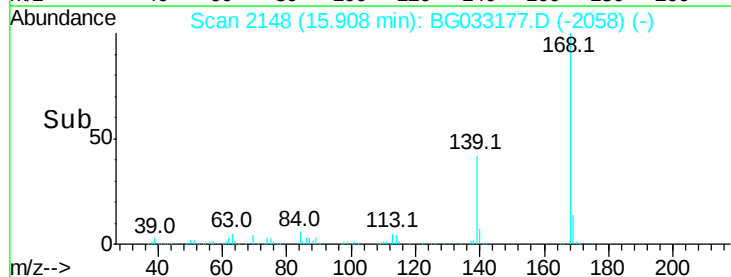
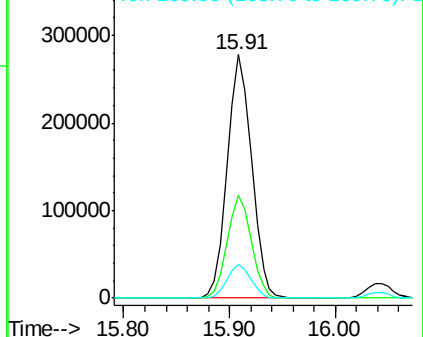


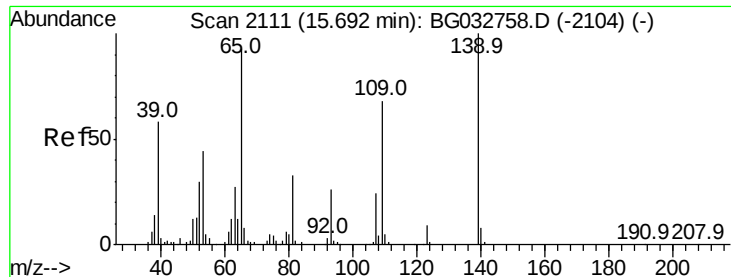
#54
 Dibenzofuran
 Concen: 37.294 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:168 Resp: 441939
 Ion Ratio Lower Upper
 168 100
 139 42.0 28.6 43.0
 169 13.9 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

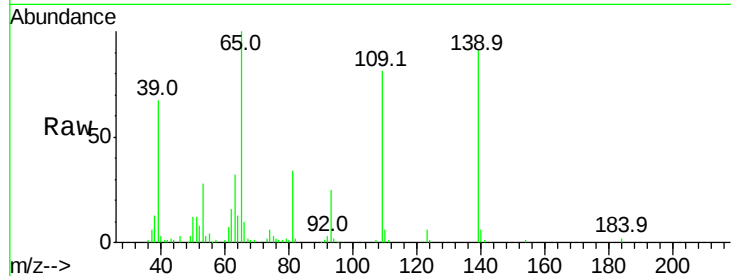




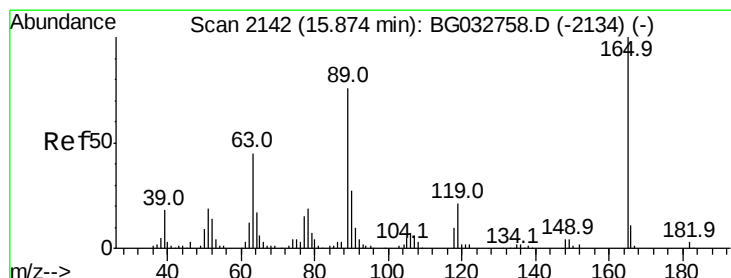
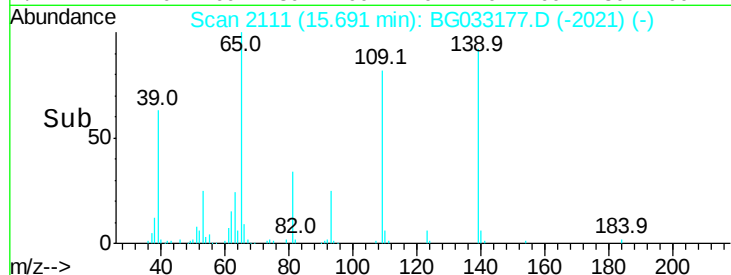
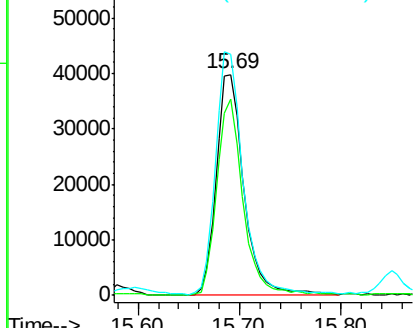
#55
4-Nitrophenol
Concen: 46.691 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 75555
Ion Ratio Lower Upper
139 100
109 89.0 62.2 102.2
65 109.3 97.2 137.2

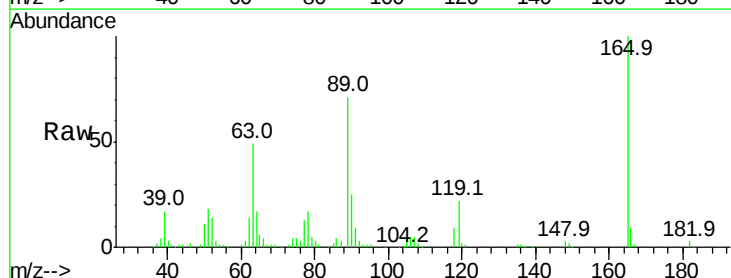


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

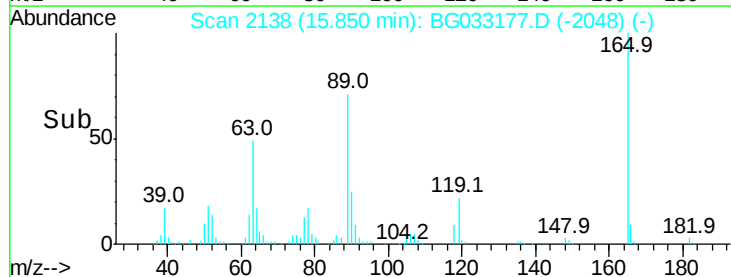
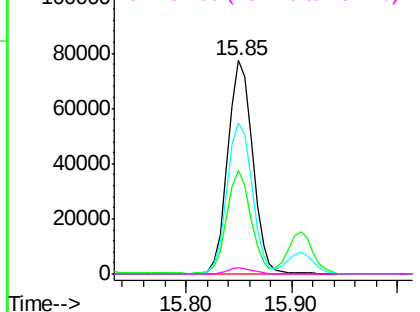


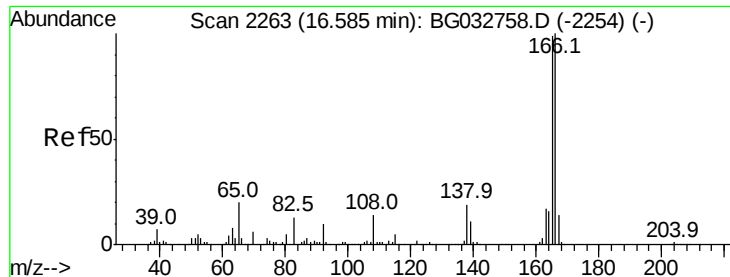
#56
2,4-Dinitrotoluene
Concen: 57.953 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:165 Resp: 125909
Ion Ratio Lower Upper
165 100
63 48.8 42.0 63.0
89 70.5 66.9 100.3
182 3.0 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

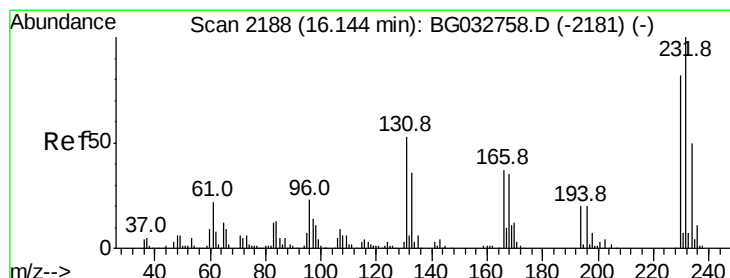
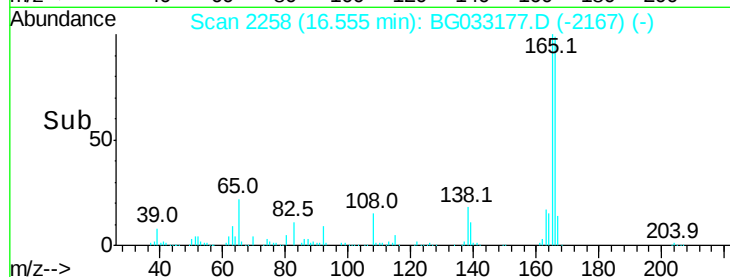
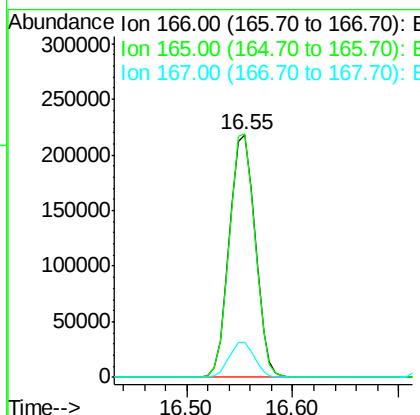
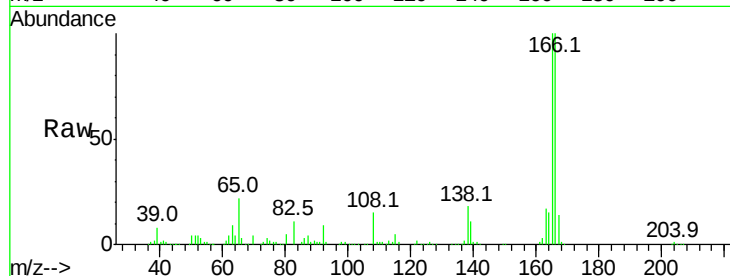




#57
 Fluorene
 Concen: 37.697 ng
 RT: 16.55 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

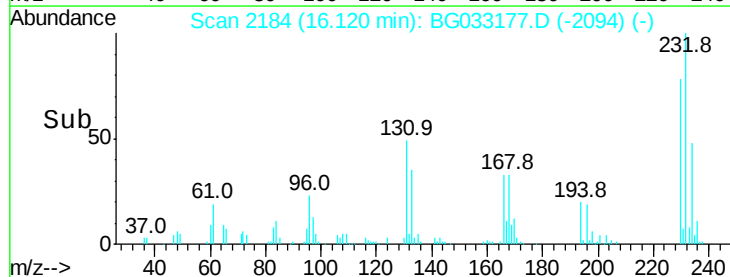
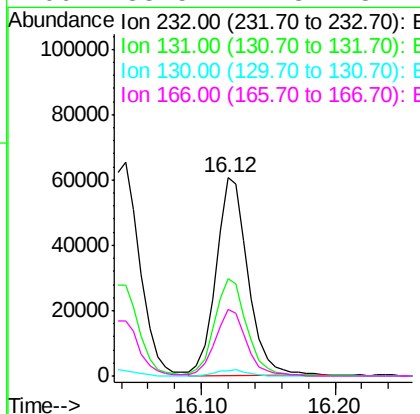
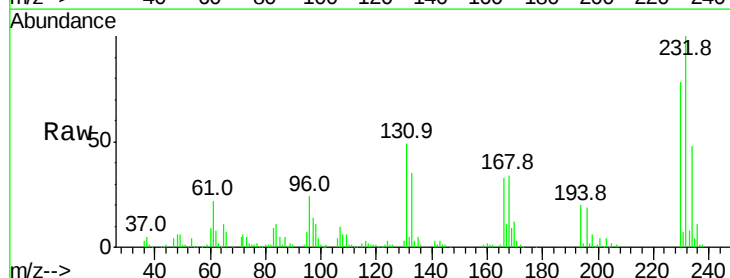
Instrument :
 BNA_G
 ClientSampleId :

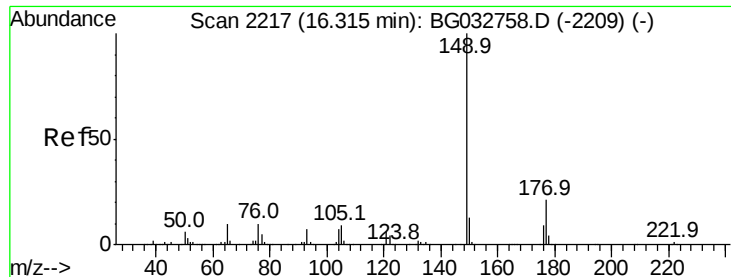
Tot Ion:166 Resp: 368703
 Ion Ratio Lower Upper
 166 100
 165 100.4 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.047 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:232 Resp: 101063
 Ion Ratio Lower Upper
 232 100
 131 50.2 33.5 50.3
 130 3.0 2.2 3.2
 166 33.5 24.8 37.2

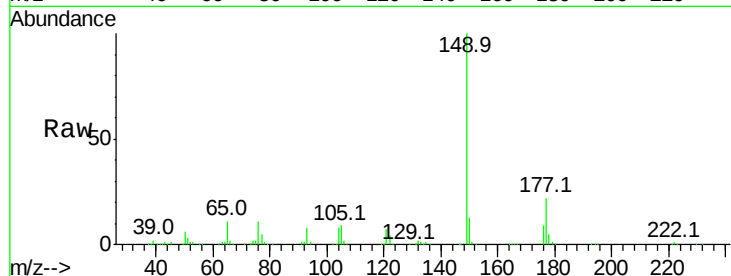




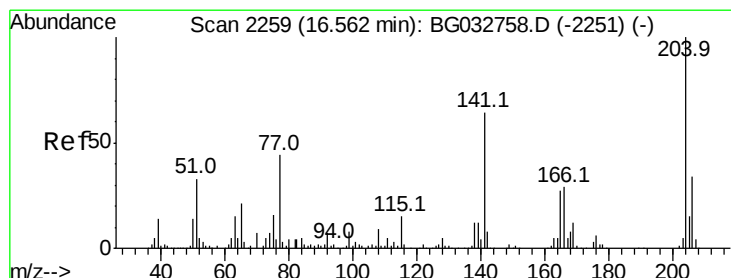
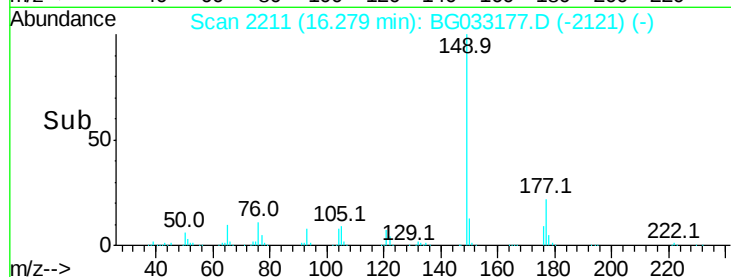
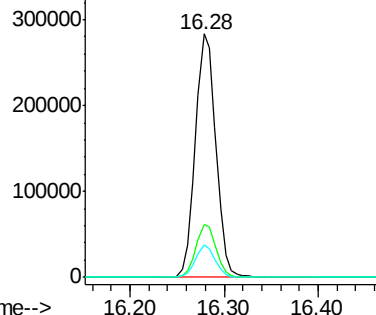
#59
Diethylphthalate
Concen: 38.634 ng
RT: 16.28 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 432627
Ion Ratio Lower Upper
149 100
177 21.8 18.5 27.7
150 13.2 10.2 15.2

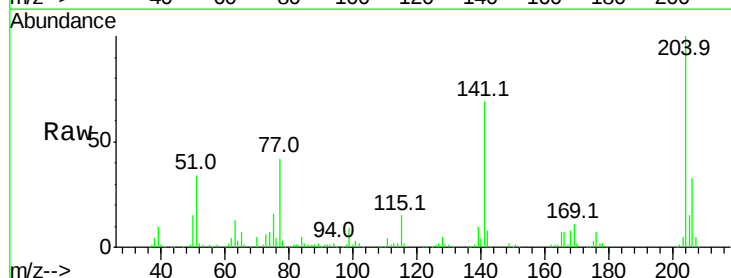


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

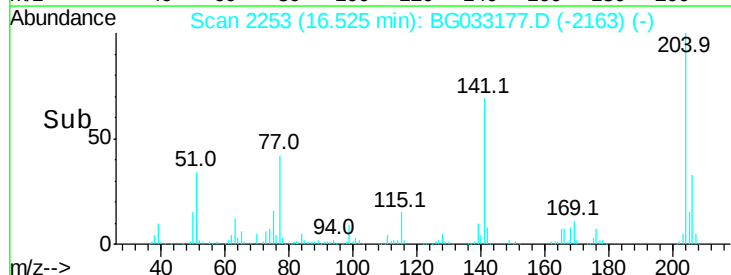
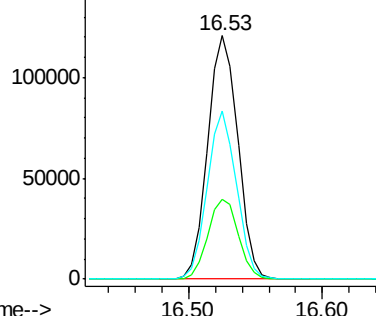


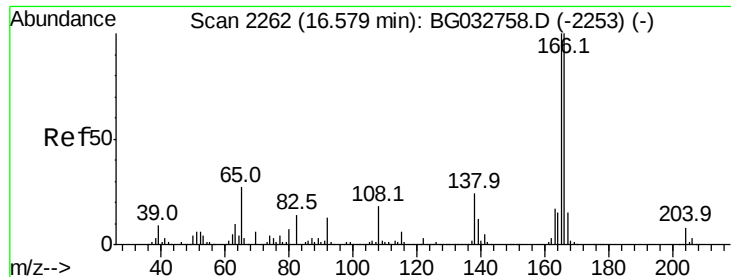
#60
4-Chlorophenyl-phenylether
Concen: 39.344 ng
RT: 16.53 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:204 Resp: 188244
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 69.2 45.8 68.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

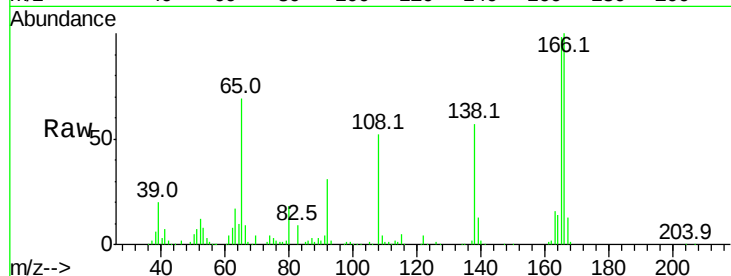




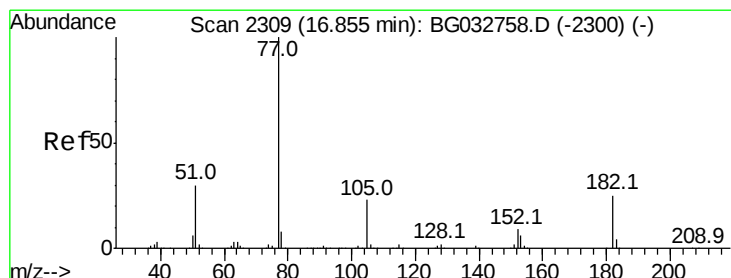
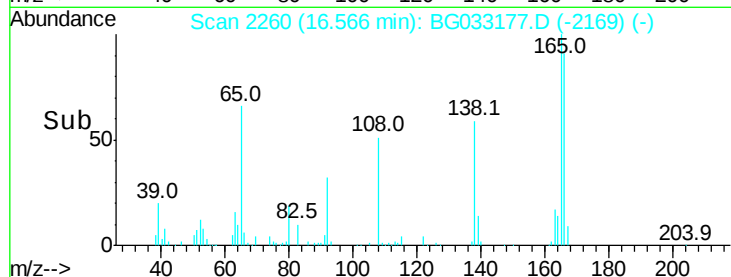
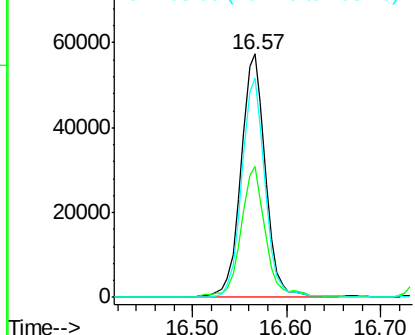
#61
4-Nitroaniline
Concen: 45.347 ng
RT: 16.57 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 103470
Ion Ratio Lower Upper
138 100
92 54.0 40.1 80.1
108 90.2 65.4 105.4

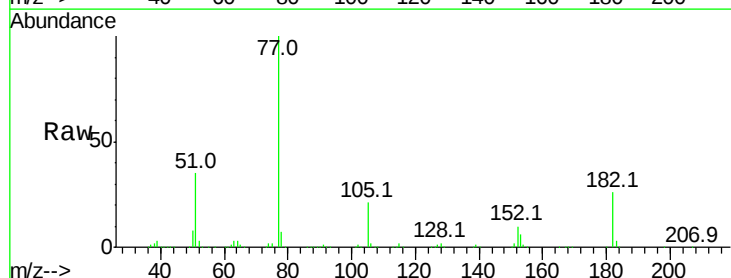


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

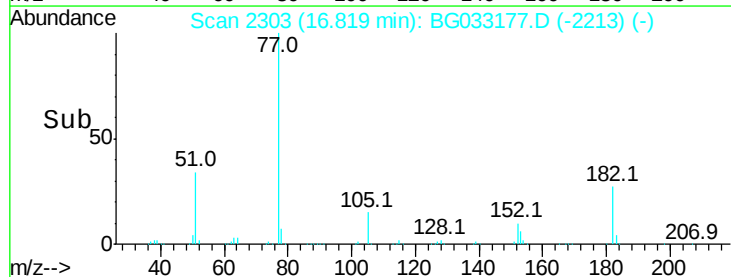
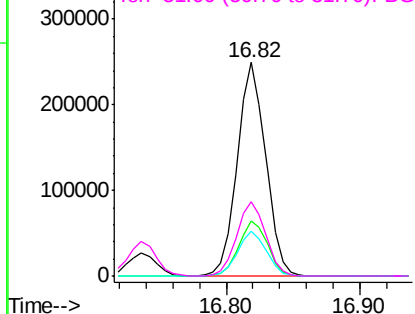


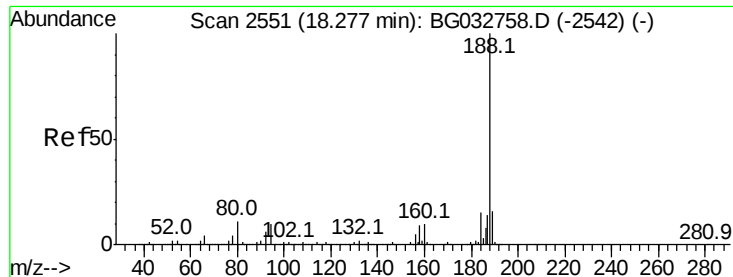
#62
Azobenzene
Concen: 36.505 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion: 77 Resp: 365710
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 20.7 0.3 40.3
51 34.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

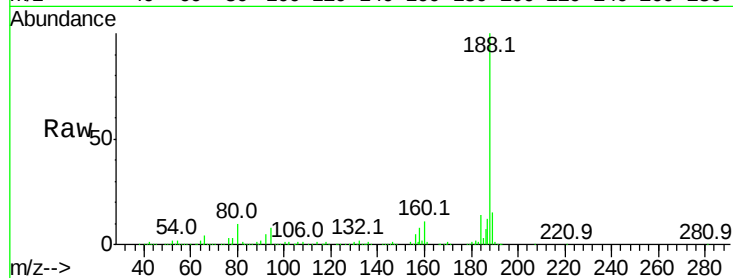
Tot Ion:188 Resp: 301209

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

250000

200000

150000

100000

50000

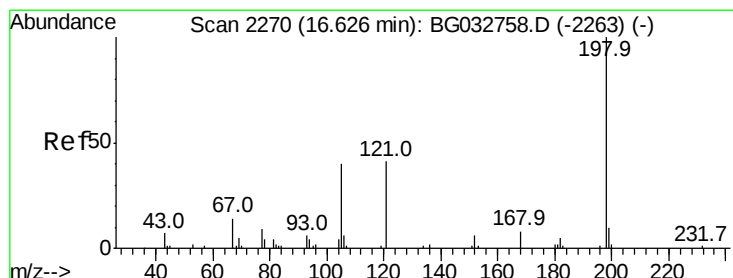
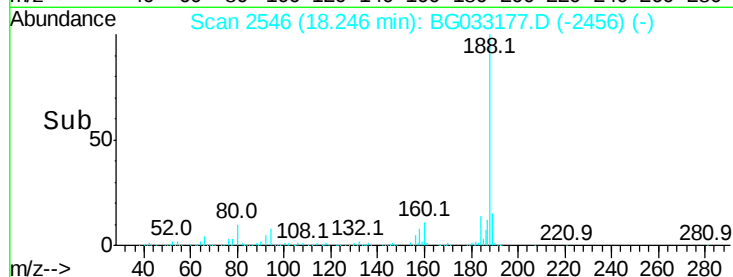
0

18.25

18.20

18.30

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 66.334 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

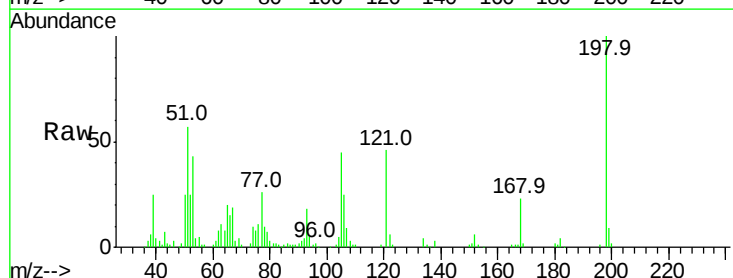
Tgt Ion:198 Resp: 67117

Ion Ratio Lower Upper

198 100

51 57.5 30.6 70.6

105 45.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

50000

40000

30000

20000

10000

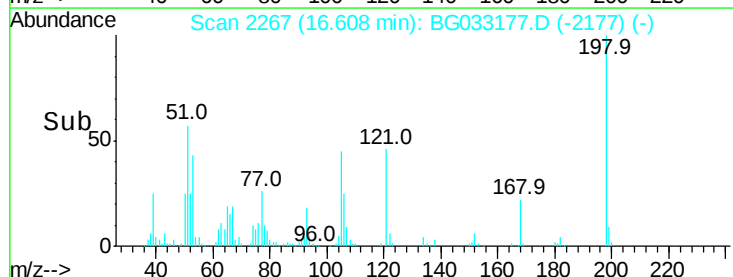
0

16.61

16.50

16.70

Time-->





#65

n-Nitrosodiphenylamine

Concen: 35.184 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

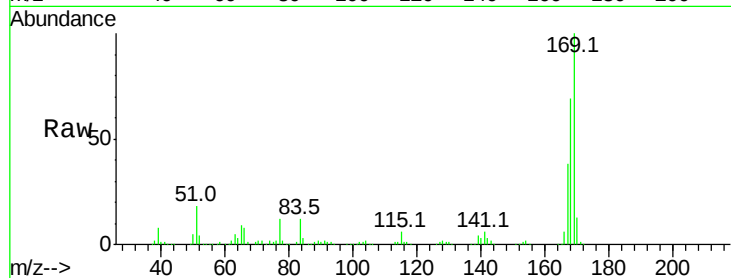
Tot Ion:169 Resp: 344756

Ion Ratio Lower Upper

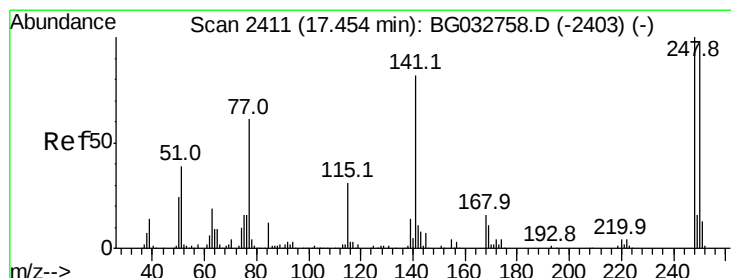
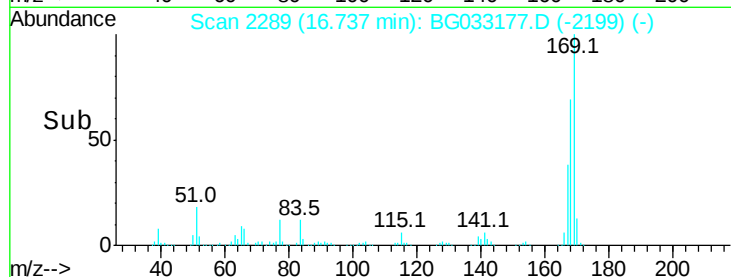
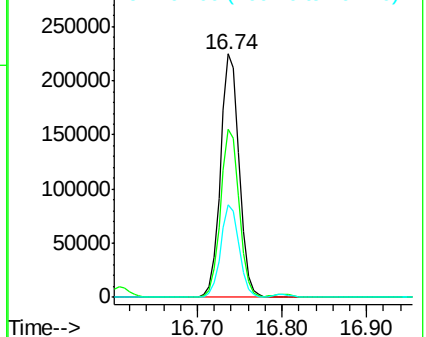
169 100

168 69.0 55.7 83.5

167 38.1 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: 38.827 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

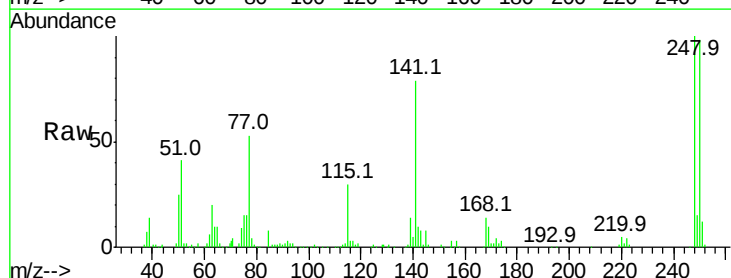
Tgt Ion:248 Resp: 123663

Ion Ratio Lower Upper

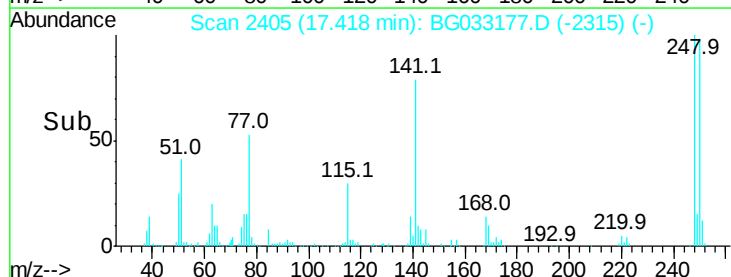
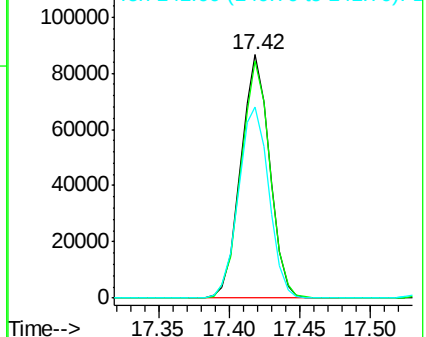
248 100

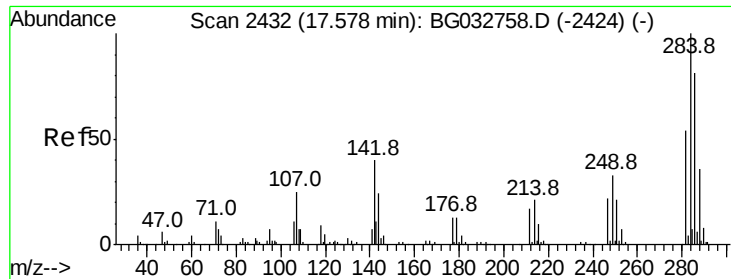
250 97.7 77.1 115.7

141 78.5 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.530 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampled :

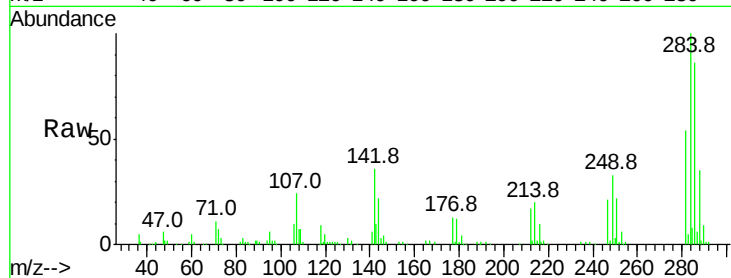
Tot Ion:284 Resp: 139498

Ion Ratio Lower Upper

284 100

142 36.2 26.8 40.2

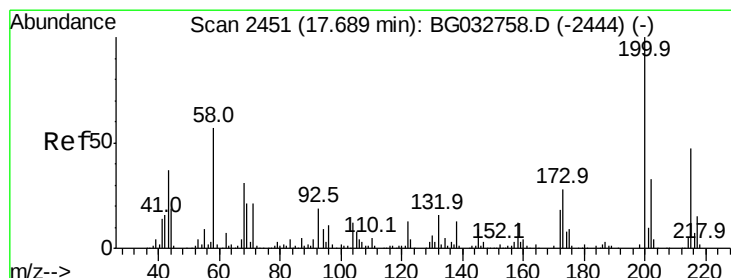
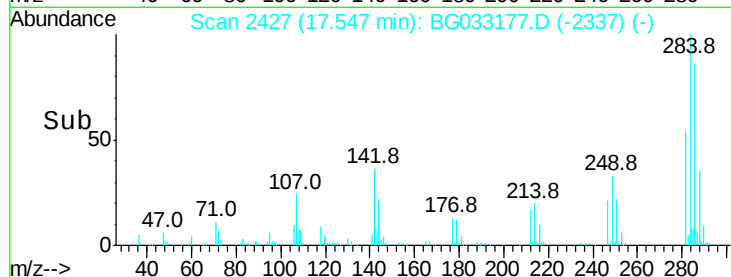
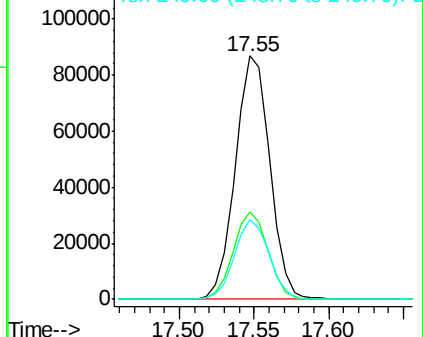
249 32.9 26.3 39.5



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: 36.729 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

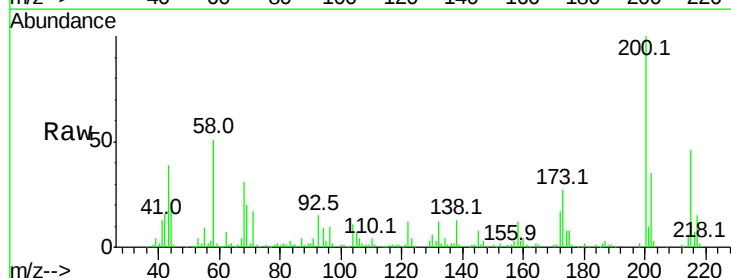
Tgt Ion:200 Resp: 118465

Ion Ratio Lower Upper

200 100

173 26.8 5.2 45.2

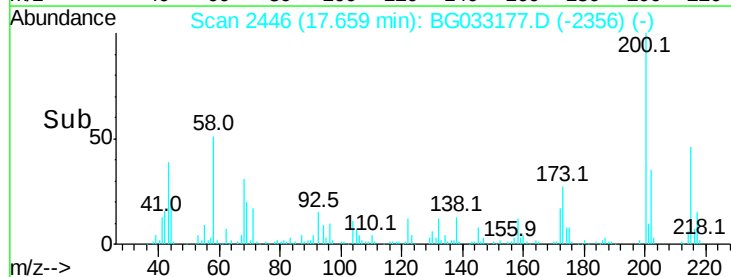
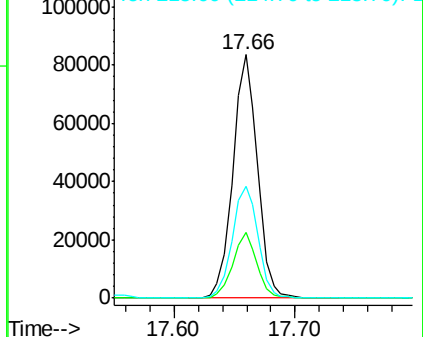
215 46.1 30.4 70.4

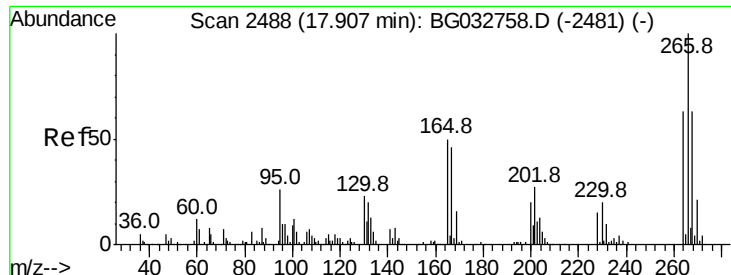


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 48.565 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

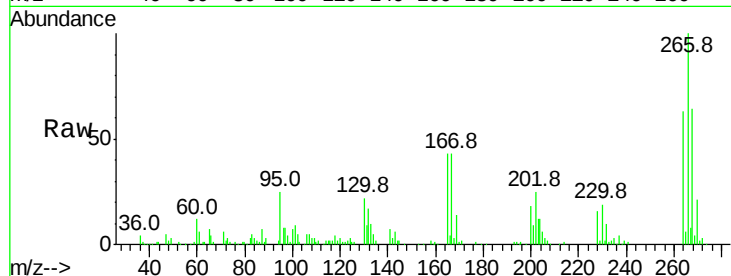
Tot Ion:266 Resp: 105287

Ion Ratio Lower Upper

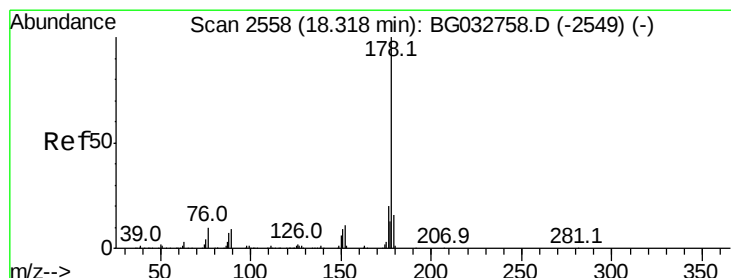
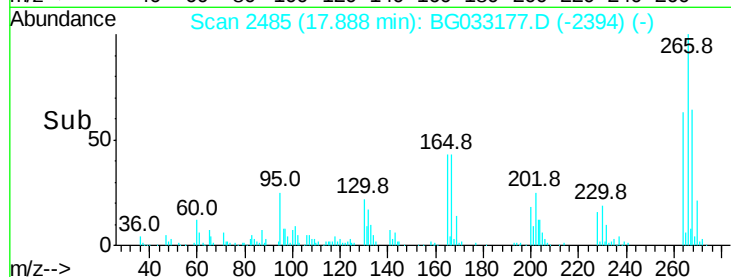
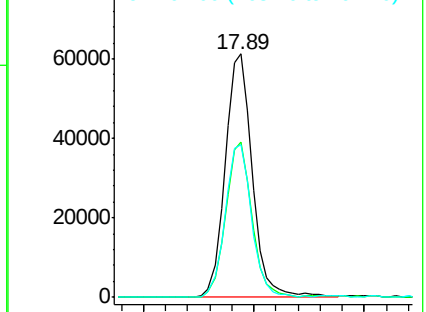
266 100

268 63.9 51.1 76.7

264 62.8 49.6 74.4



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



#70

Phenanthrene

Concen: 36.058 ng

RT: 18.29 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

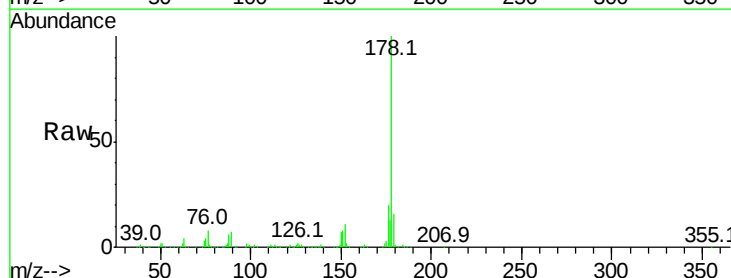
Tgt Ion:178 Resp: 605939

Ion Ratio Lower Upper

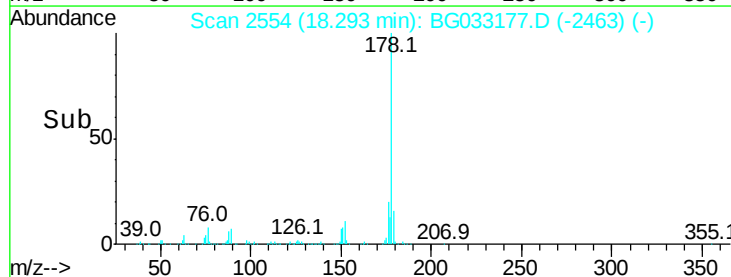
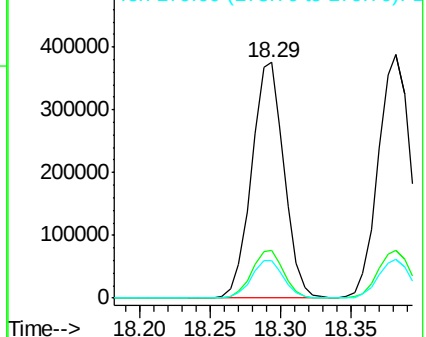
178 100

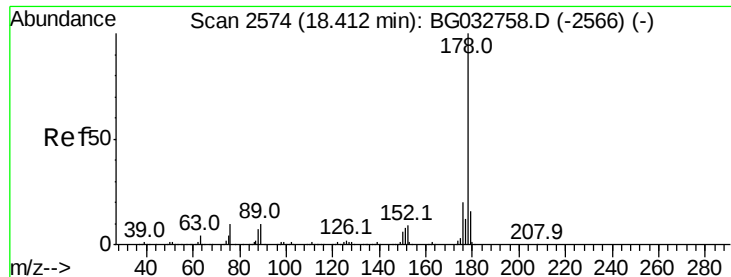
176 20.3 15.7 23.5

179 15.9 12.5 18.7



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

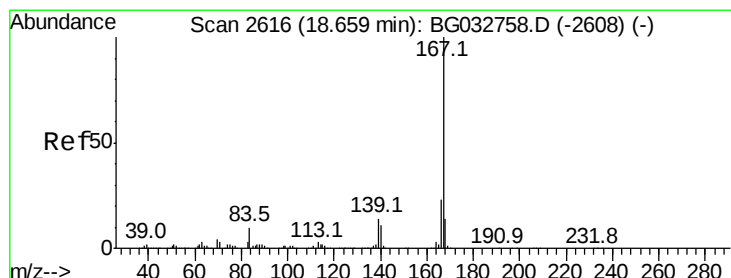
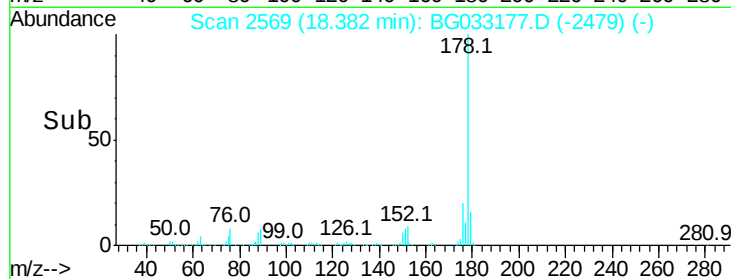
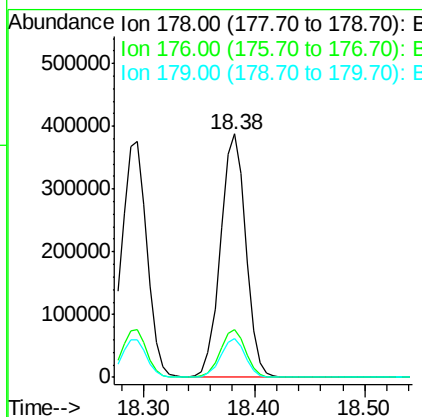
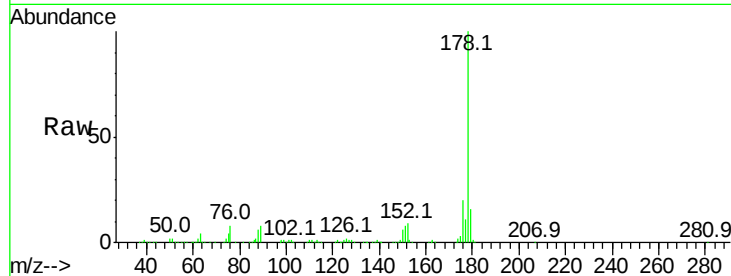




#71
 Anthracene
 Concen: 36.703 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

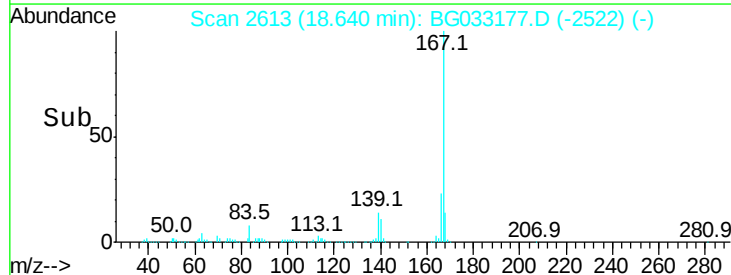
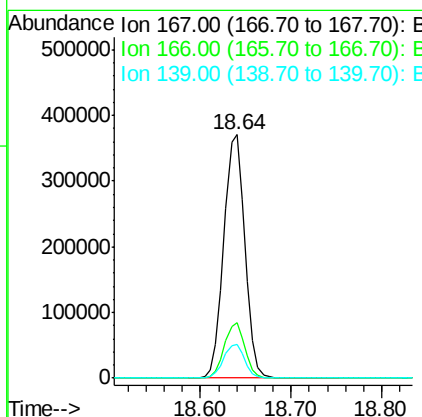
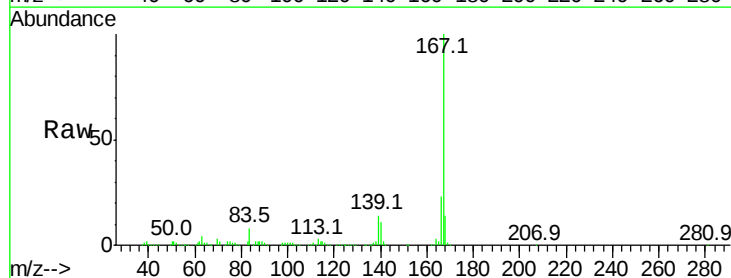
Instrument :
 BNA_G
 ClientSampleId :

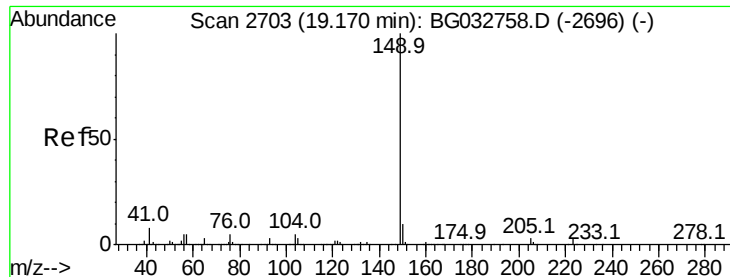
Tot Ion:178 Resp: 619206
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 35.972 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion:167 Resp: 598181
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.8 9.4 14.2

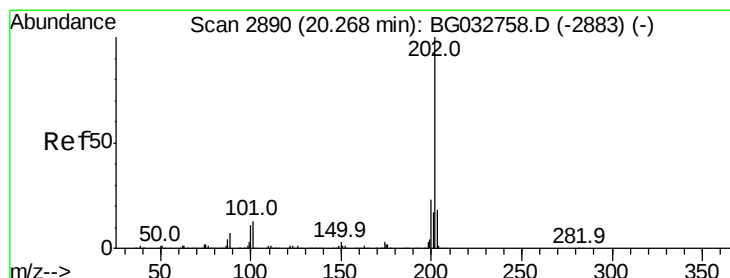
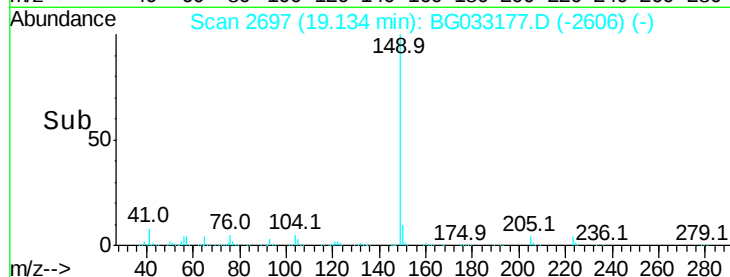
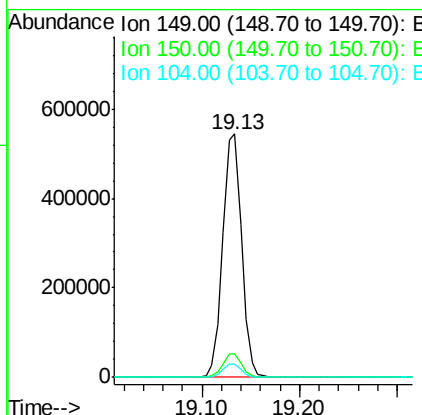
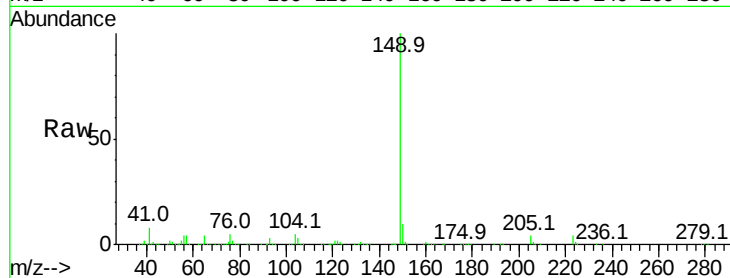




#73
Di-n-butylphthalate
Concen: 35.808 ng
RT: 19.13 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

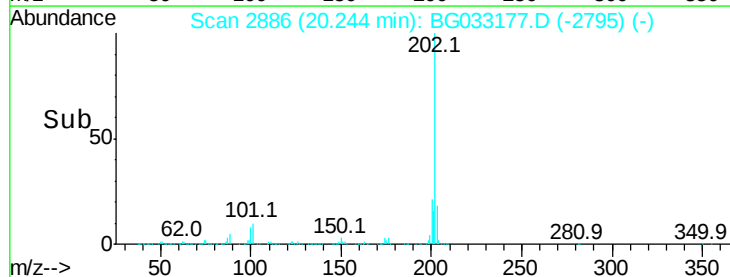
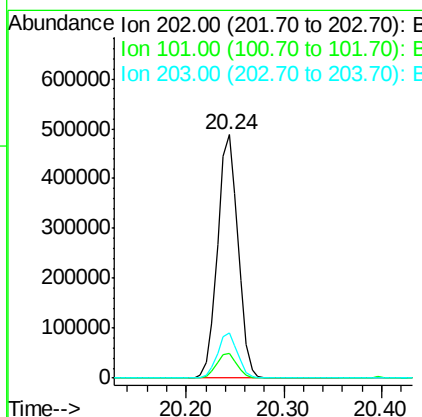
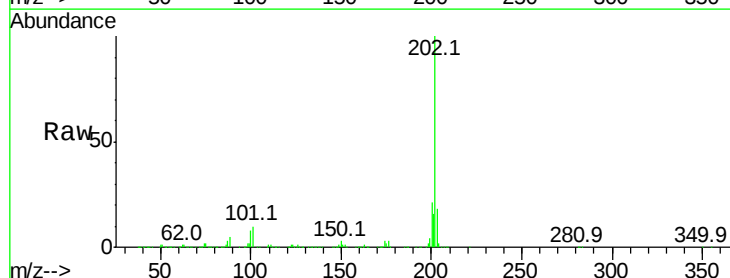
Instrument :
BNA_G
ClientSampleId :

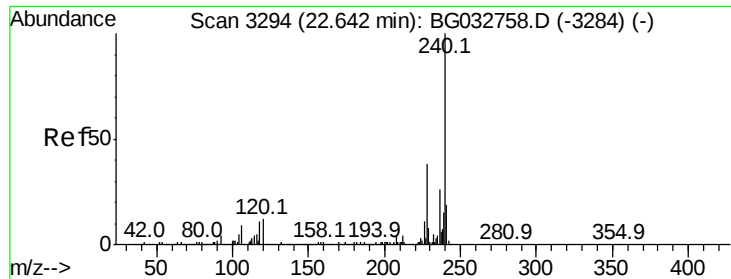
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.3	3.9	5.9



#74
Fluoranthene
Concen: 38.089 ng
RT: 20.24 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

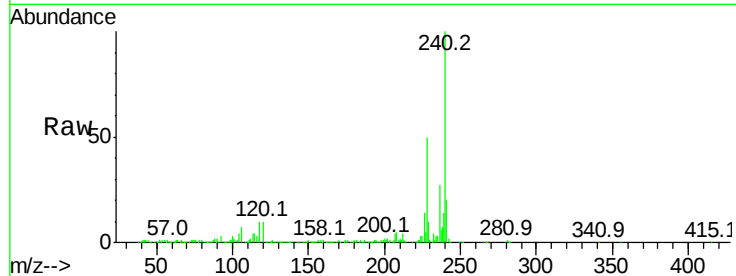
Tot Ion:240 Resp: 290873

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

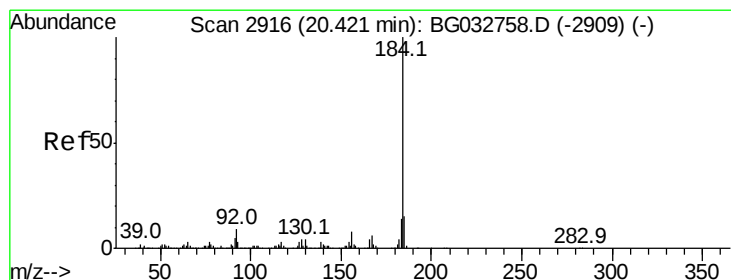
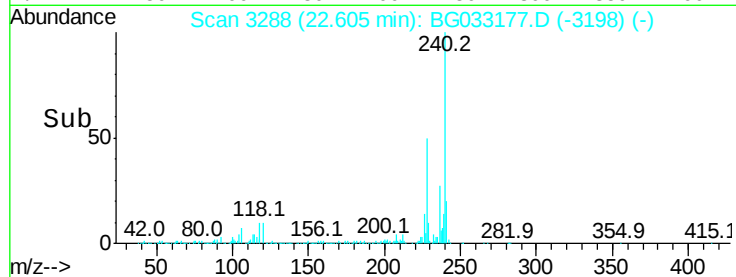
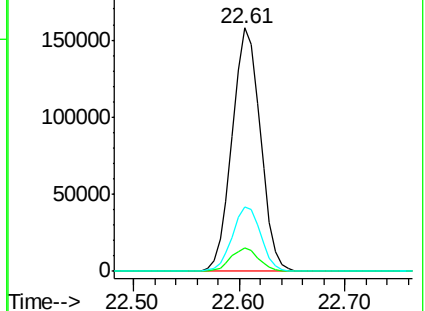
236 26.6 20.9 31.3



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: 35.033 ng

RT: 20.40 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

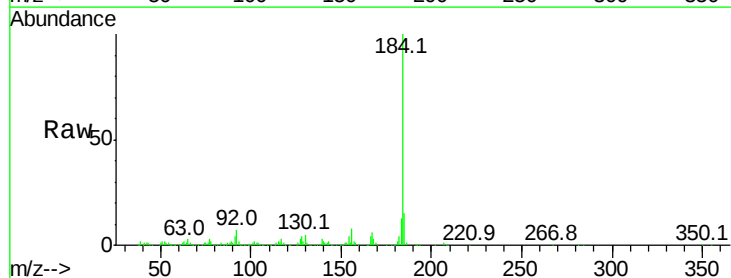
Tgt Ion:184 Resp: 347344

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

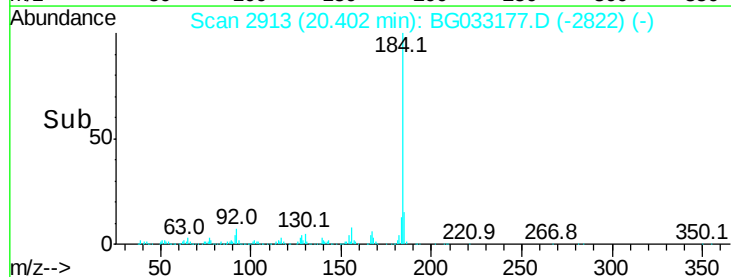
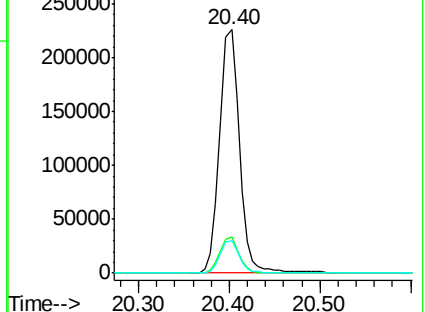
183 13.2 10.6 16.0

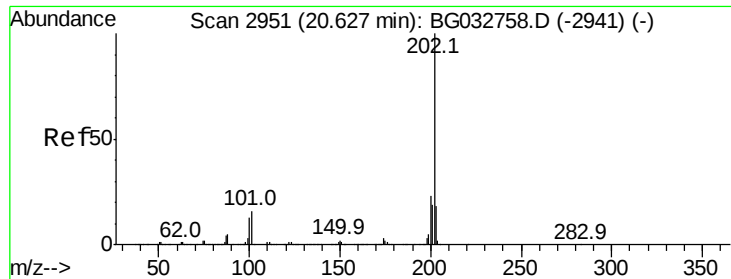


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

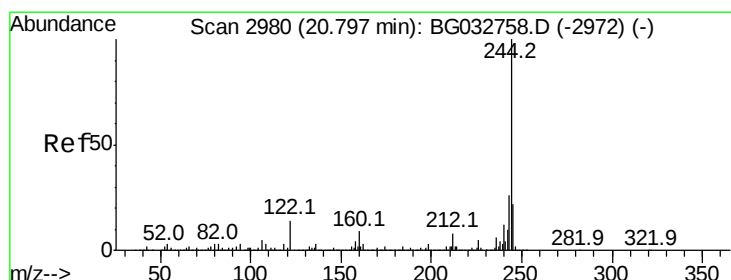
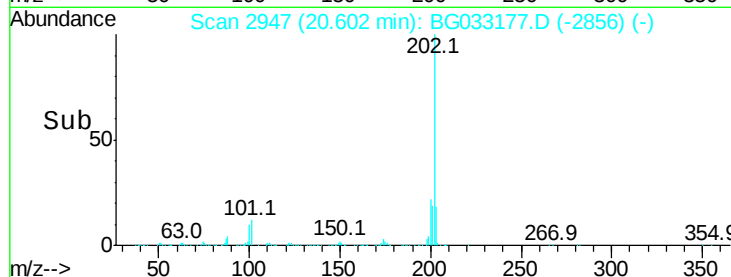
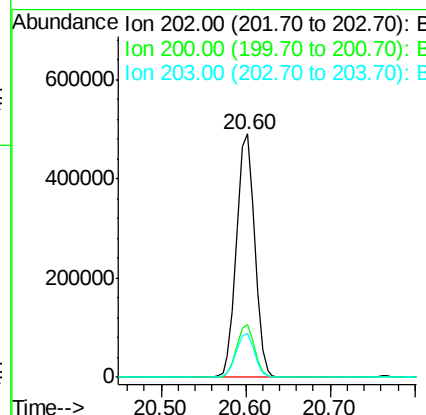
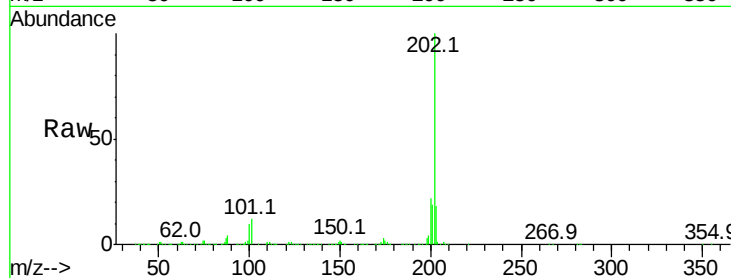




#77
 Pvrene
 Concen: 35.206 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

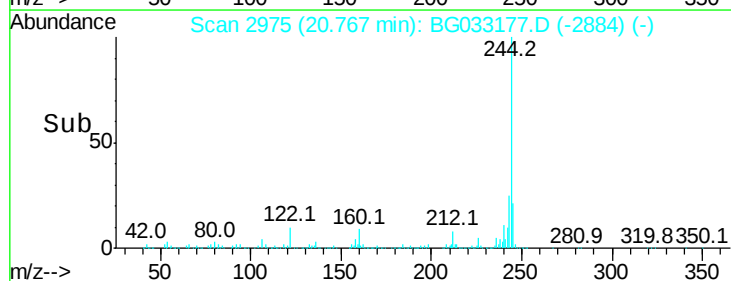
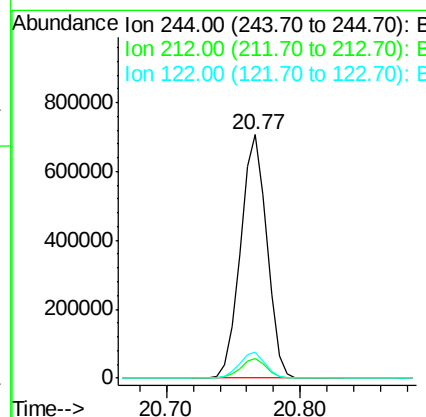
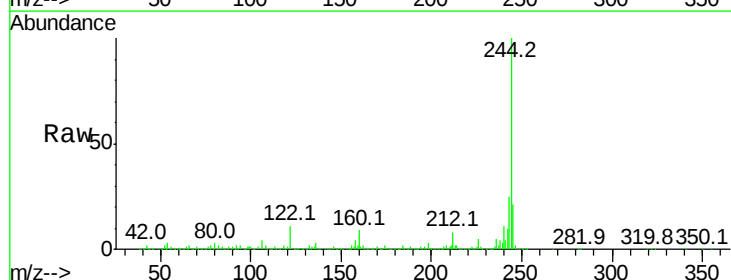
Instrument :
 BNA_G
 ClientSampleId :

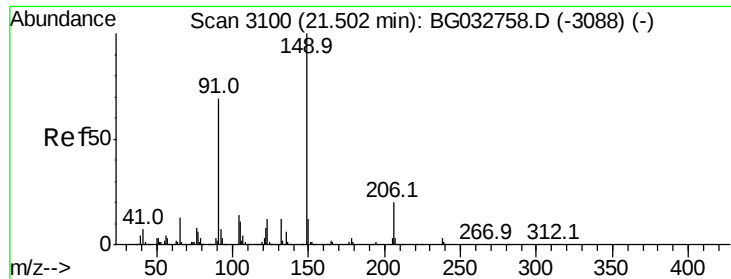
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.1	13.9	20.9



#78
 Terphenyl-d14
 Concen: 74.405 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	10.5	7.0	10.4

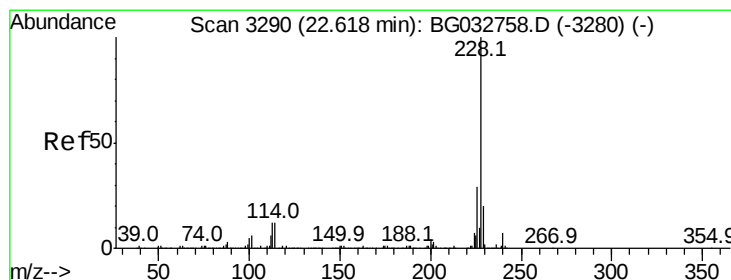
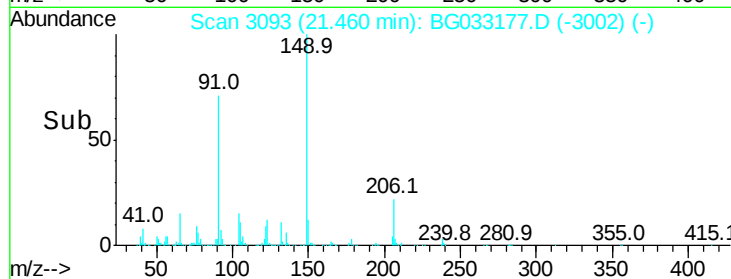
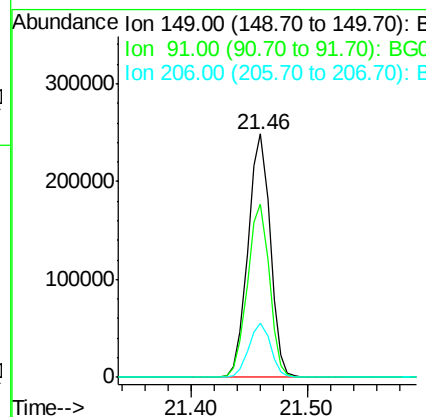
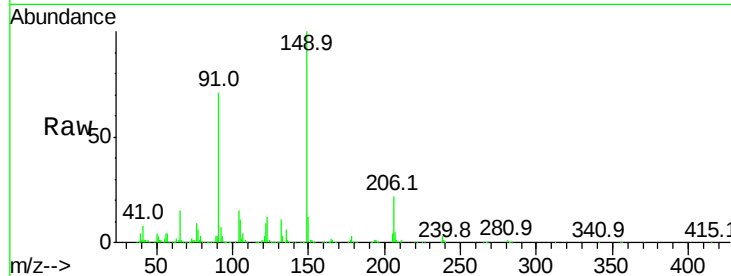




#79
Butylbenzylphthalate
Concen: 36.545 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

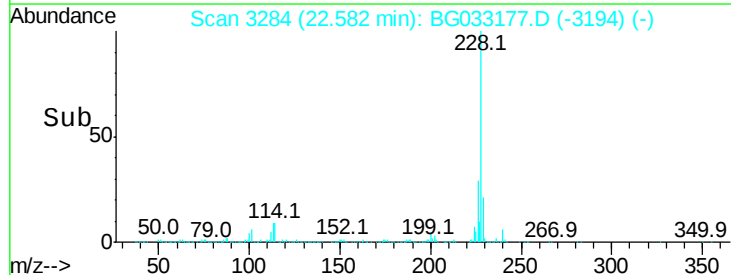
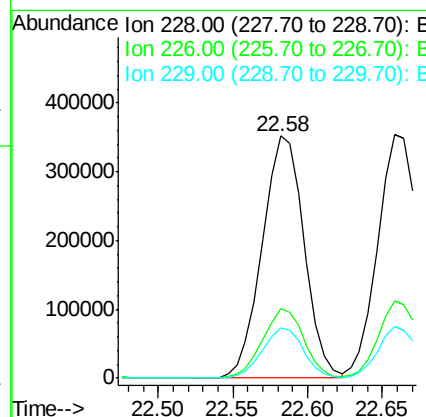
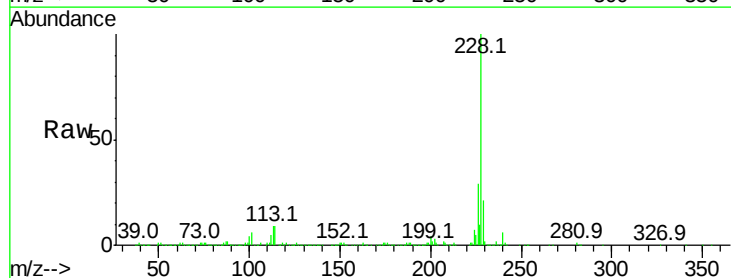
Instrument :
BNA_G
ClientSampleId :

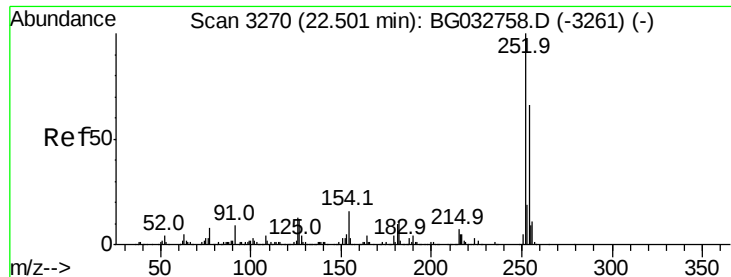
Tot Ion:149 Resp: 332356
Ion Ratio Lower Upper
149 100
91 71.3 62.2 93.2
206 22.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.752 ng
RT: 22.58 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:228 Resp: 685516
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 20.9 16.2 24.2

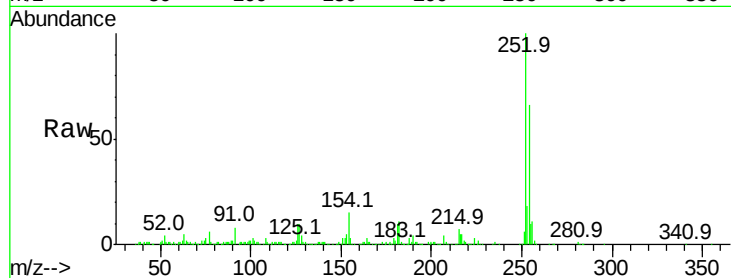




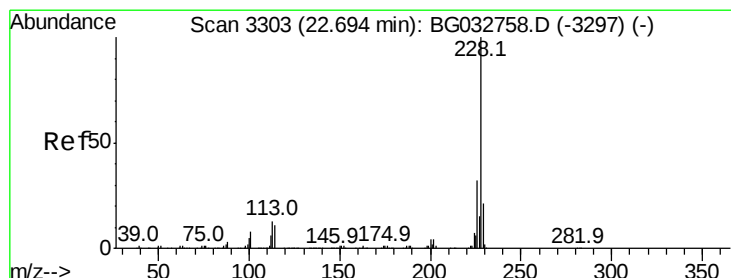
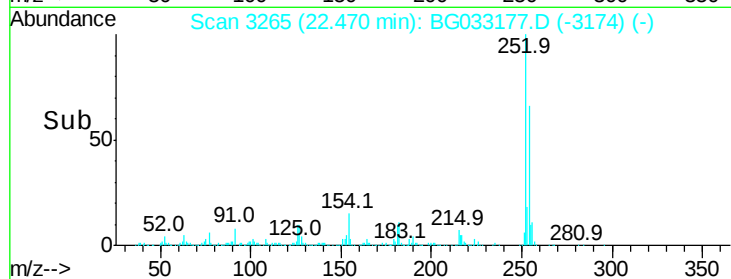
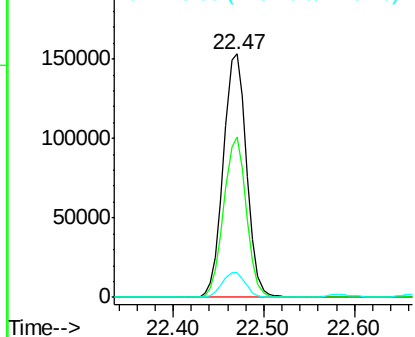
#81
 3,3'-Dichlorobenzidine
 Concen: 39.467 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.8	76.2
126	10.3	7.4	11.2

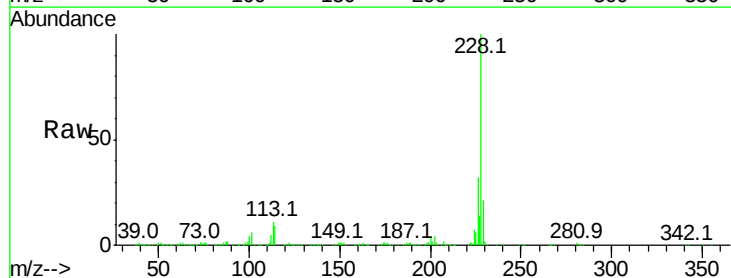


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

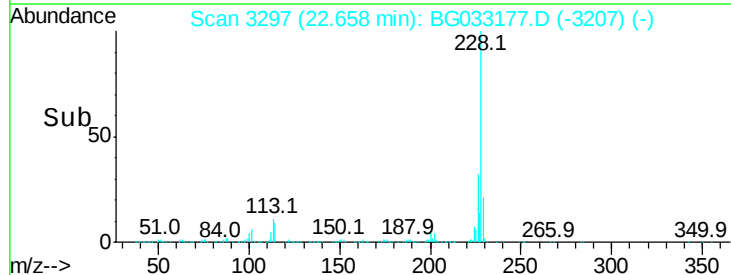
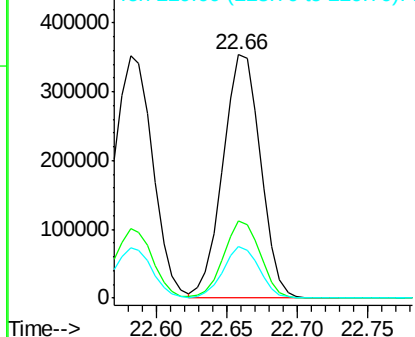


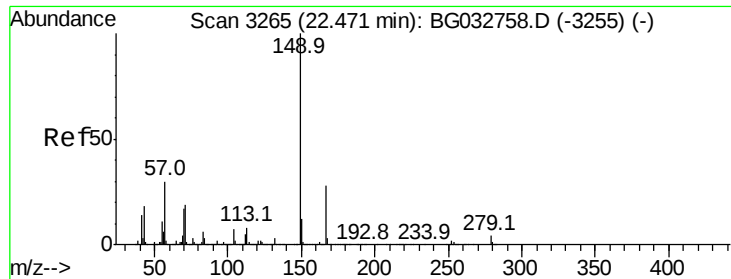
#82
 Chrysene
 Concen: 36.903 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: BG033177.D
 Acq: 15 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.9	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.749 ng

RT: 22.41 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

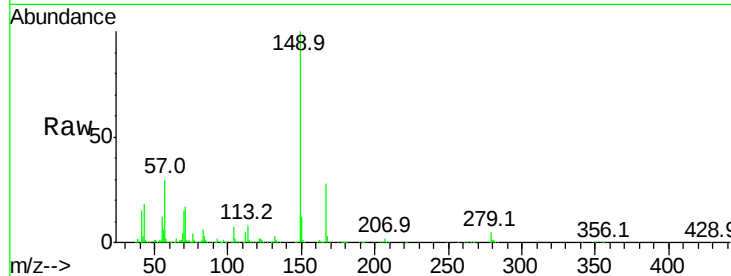
Tot Ion:149 Resp: 467789

Ion Ratio Lower Upper

149 100

167 27.7 24.3 36.5

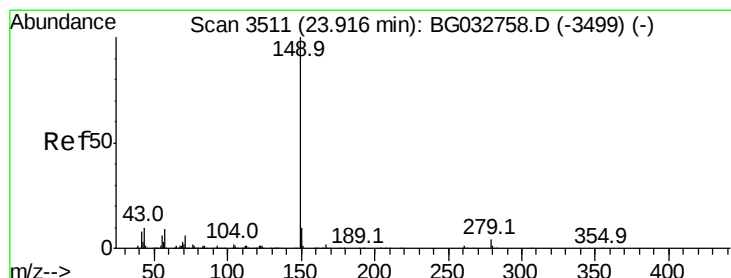
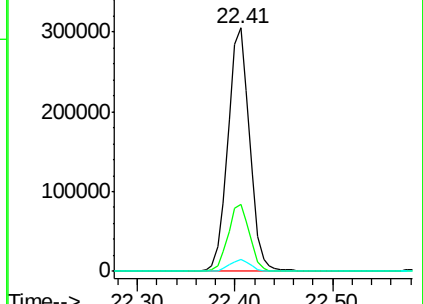
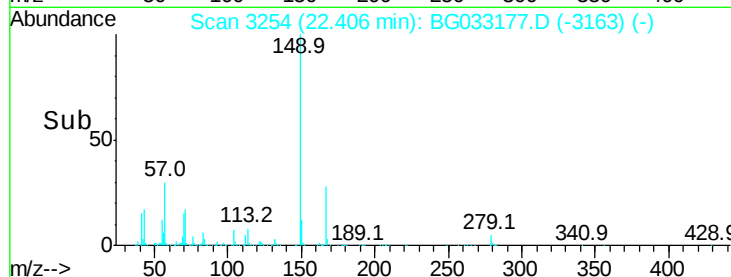
279 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.733 ng

RT: 23.82 min Scan# 3494

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

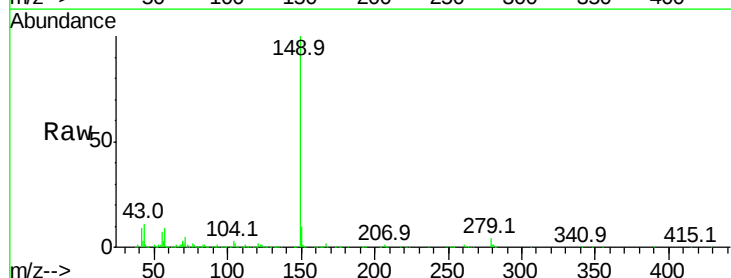
Tgt Ion:149 Resp: 753737

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

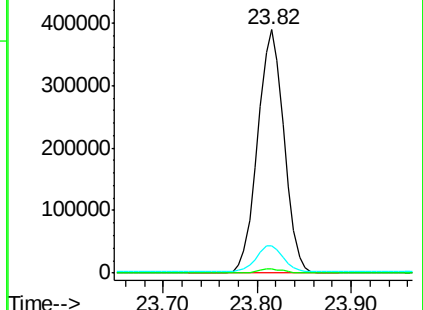
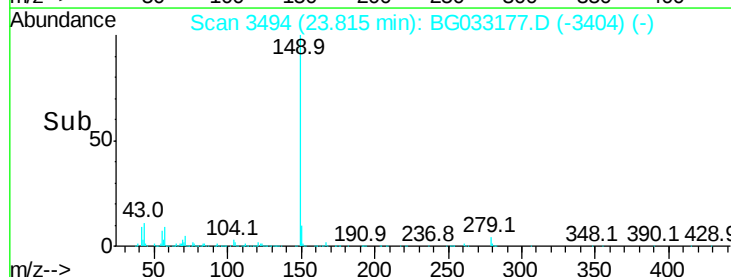
43 11.1 8.9 13.3

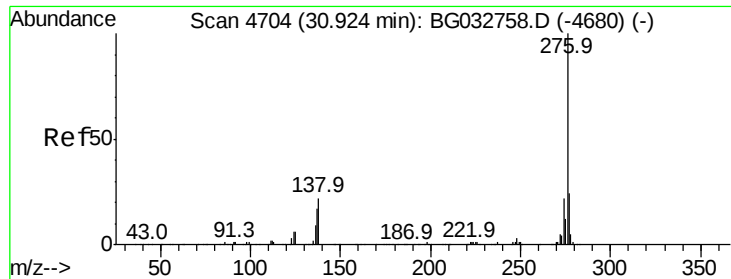


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

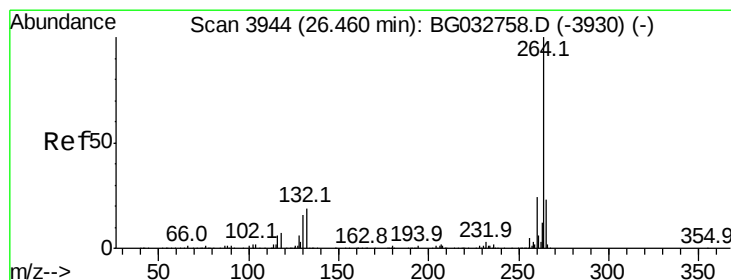
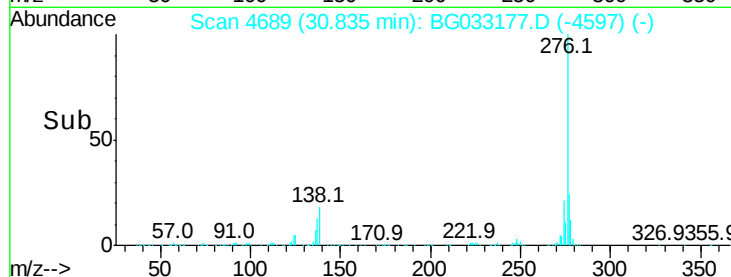
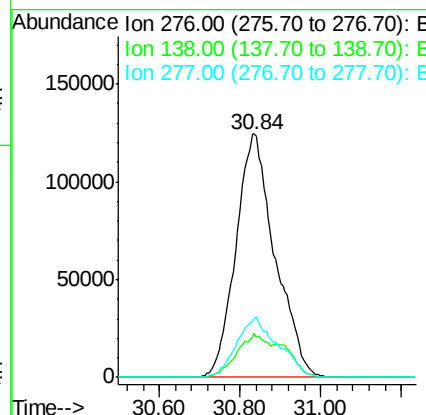
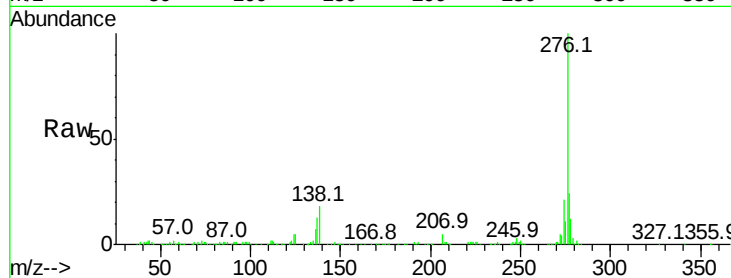




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.367 ng
RT: 30.84 min Scan# 4689
Delta R.T. 0.01 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

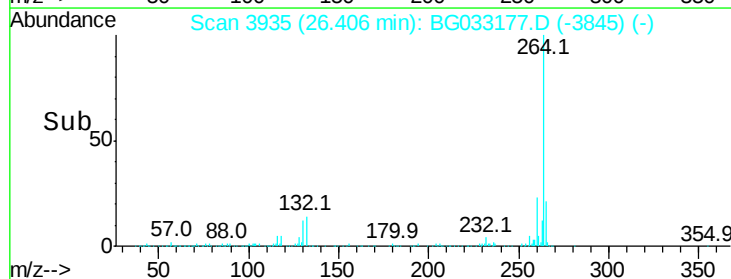
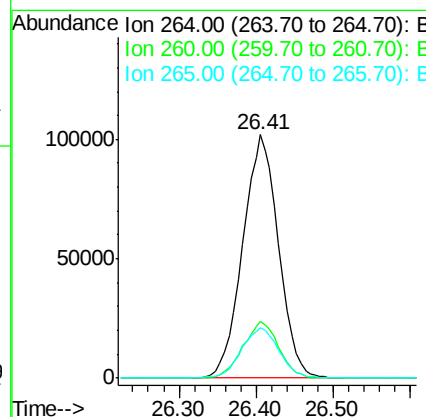
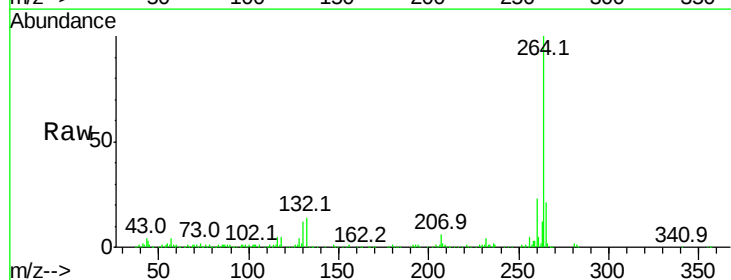
Instrument :
BNA_G
ClientSampleId :

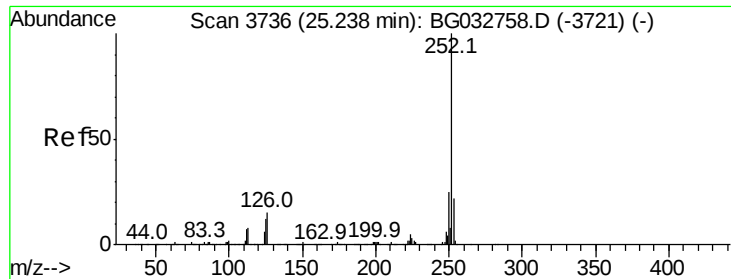
Tot Ion:276 Resp: 838812
Ion Ratio Lower Upper
276 100
138 13.9 16.0 24.0#
277 26.0 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033177.D
Acq: 15 Mar 2018 15:21

Tgt Ion:264 Resp: 329949
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 20.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 36.058 ng

RT: 25.18 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :

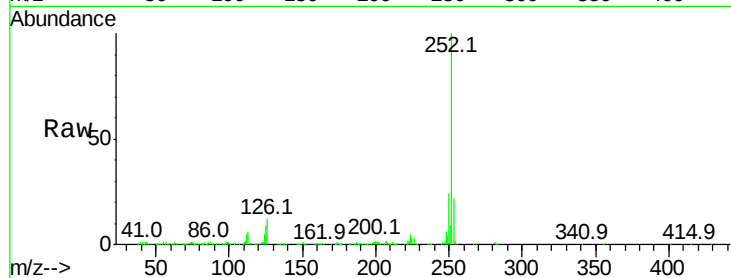
Tot Ion:252 Resp: 703458

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

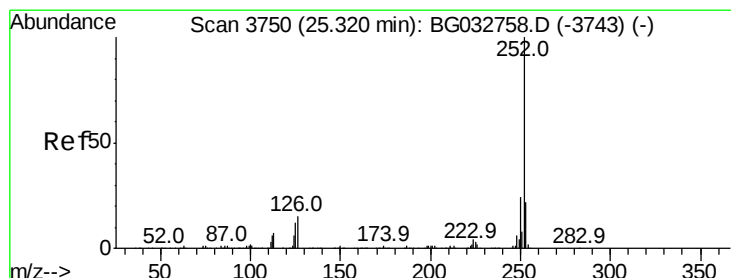
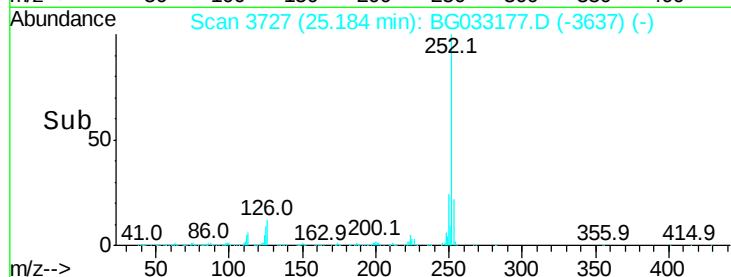
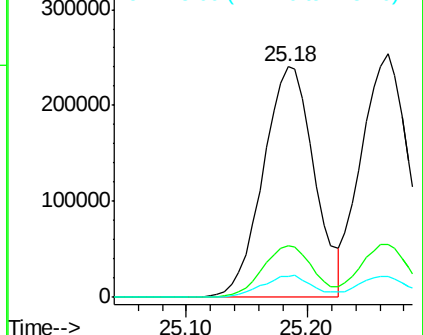
125 9.0 7.2 10.8



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: 35.477 ng

RT: 25.27 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

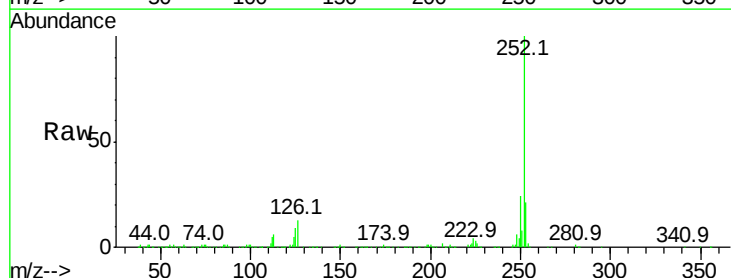
Tgt Ion:252 Resp: 687859

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

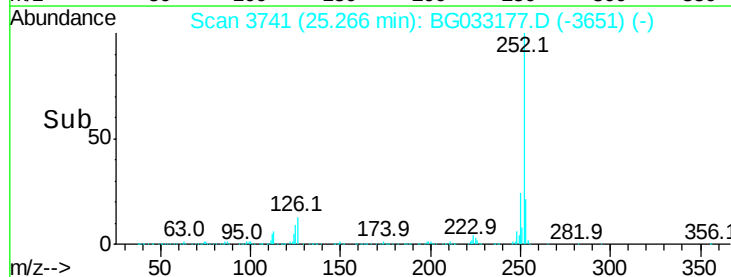
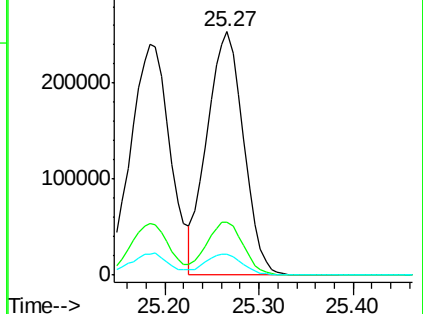
125 8.8 6.6 9.8

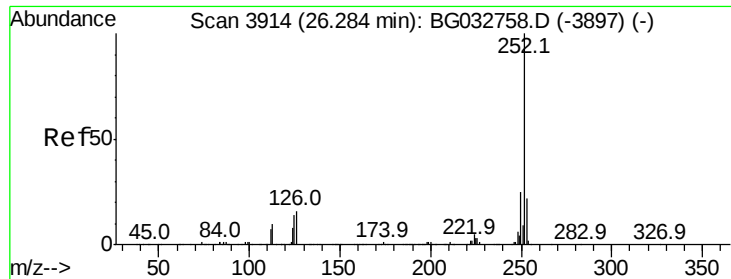


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.169 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampled :

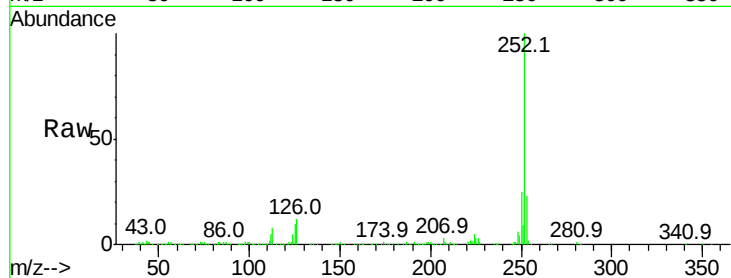
Tot Ion:252 Resp: 671134

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

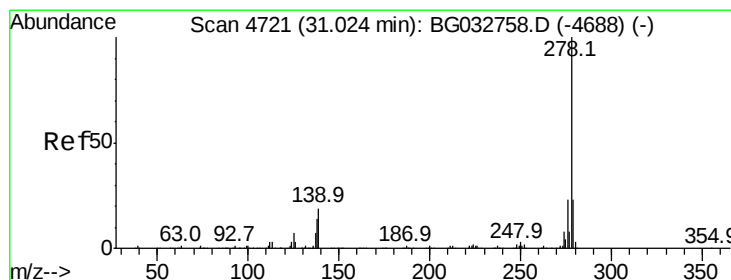
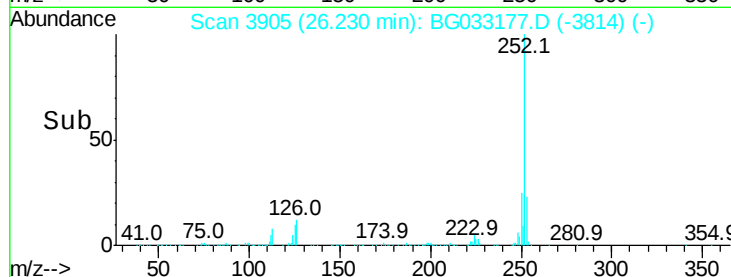
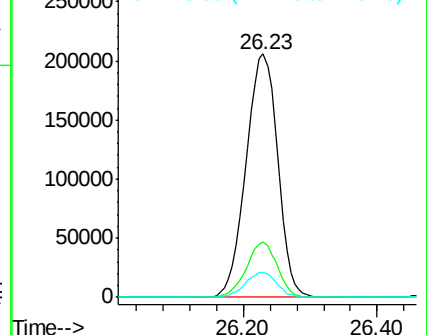
125 10.0 7.3 10.9



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: 37.559 ng

RT: 30.91 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

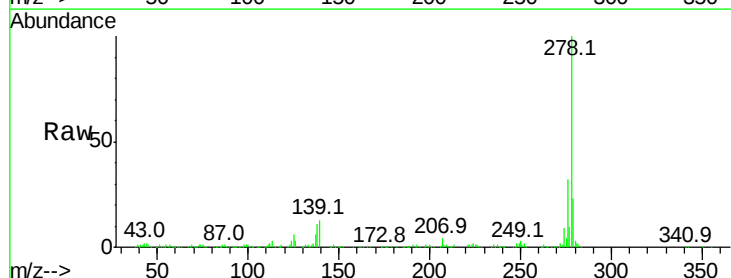
Tgt Ion:278 Resp: 701511

Ion Ratio Lower Upper

278 100

139 13.5 9.8 14.6

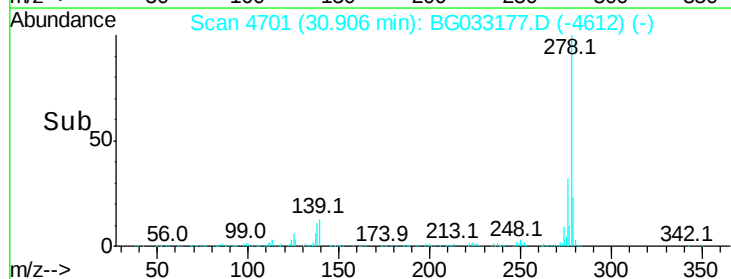
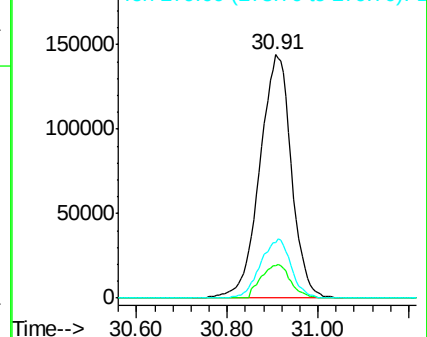
279 22.6 18.4 27.6

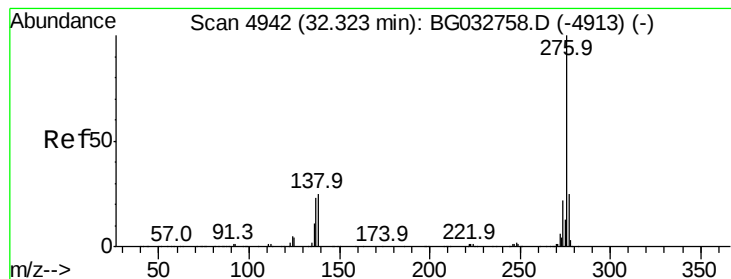


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.182 ng

RT: 32.23 min Scan# 4926

Delta R.T. -0.01 min

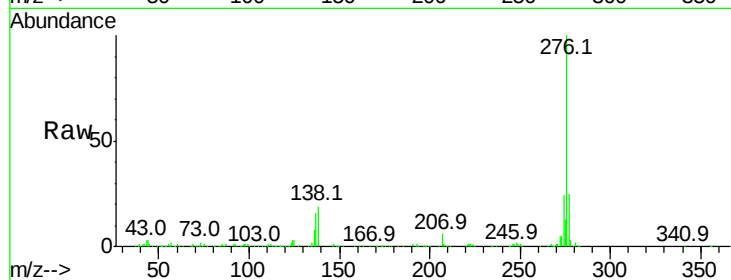
Lab File: BG033177.D

Acq: 15 Mar 2018 15:21

Instrument :

BNA_G

ClientSampleId :



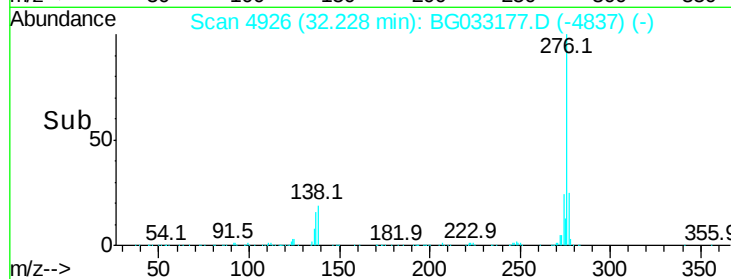
Tot Ion: 276 Resp: 684575

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 18.6 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

