

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033306.D
 Acq On : 22 Mar 2018 22:21
 Operator : SJ/JU
 Sample : PB107545BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:17:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36460	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	168844	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	134662	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	337727	20.00	ng	0.00
75) Chrysene-d12	22.60	240	330103	20.00	ng	0.00
86) Perylene-d12	26.39	264	356289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	297521	153.01	ng	0.00
7) Phenol-d6	7.99	99	471903	141.25	ng	0.00
23) Nitrobenzene-d5	10.09	82	299163	81.41	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	239997	119.16	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	757712	81.23	ng	0.00
78) Terphenyl-d14	20.76	244	1315514	85.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	33748	34.177	ng	83
3) Pyridine	4.40	79	85187	31.208	ng	97
4) n-Nitrosodimethylamine	4.31	42	47130	42.073	ng	# 91
6) Aniline	8.19	93	50577	12.873	ng	93
8) 2-Chlorophenol	8.44	128	106603	47.957	ng	91
9) Benzaldehyde	7.99	77	29961	14.112	ng	# 78
10) Phenol	8.02	94	161321	48.907	ng	84
11) bis(2-Chloroethyl)ether	8.27	93	95023	35.294	ng	97
12) 1,3-Dichlorobenzene	8.78	146	101750	35.012	ng	# 96
13) 1,4-Dichlorobenzene	8.93	146	99956	34.343	ng	97
14) 1,2-Dichlorobenzene	9.26	146	105031	36.975	ng	97
15) Benzyl Alcohol	9.13	79	119669	45.495	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.42	45	171405	39.053	ng	90
17) 2-Methylphenol	9.66	107	147694	65.728	ng	85
18) Hexachloroethane	10.01	117	41035	36.530	ng	92
19) n-Nitroso-di-n-propylamine	9.70	70	99717	40.733	ng	# 95
20) 3+4-Methylphenols	9.66	107	148609	46.450	ng	92
22) Acetophenone	9.73	105	172786	37.353	ng	# 98
24) Nitrobenzene	10.14	77	149140	37.915	ng	95
25) Isophorone	10.65	82	292219	40.969	ng	99
26) 2-Nitrophenol	10.86	139	62863	42.212	ng	# 89
27) 2,4-Dimethylphenol	10.89	122	112297	51.907	ng	90
28) bis(2-Chloroethoxy)methane	11.13	93	154538	43.424	ng	95
29) 2,4-Dichlorophenol	11.40	162	127891	48.069	ng	95
30) 1,2,4-Trichlorobenzene	11.63	180	125736	36.374	ng	95
31) Naphthalene	11.83	128	334671	38.250	ng	99
32) Benzoic acid	10.98	122	4172	2.074	ng	# 55
33) 4-Chloroaniline	11.93	127	48415	12.351	ng	# 92
34) Hexachlorobutadiene	12.08	225	92307	35.312	ng	97
35) Caprolactam	12.66	113	41481	39.797	ng	96
36) 4-Chloro-3-methylphenol	12.98	107	158819	45.768	ng	90
37) 2-Methylnaphthalene	13.38	142	274468	40.416	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	178449	36.584	ng	98
40) Hexachlorocyclopentadiene	13.70	237	233601	81.693	ng	94

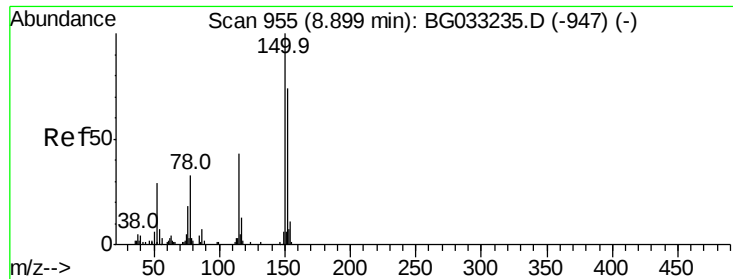
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	121370	42.826	ng	94
43) 2,4,5-Trichlorophenol	14.03	196	141875	42.353	ng	97
45) 1,1'-Biphenyl	14.35	154	389350	37.634	ng	98
46) 2-Chloronaphthalene	14.40	162	303679	38.069	ng	98
47) 2-Nitroaniline	14.59	65	119313	39.933	ng	89
48) Acenaphthylene	15.24	152	492549	36.991	ng	98
49) Dimethylphthalate	14.93	163	442001	37.716	ng	98
50) 2,6-Dinitrotoluene	15.06	165	96064	40.089	ng	97
51) Acenaphthene	15.57	154	296206	34.508	ng	93
52) 3-Nitroaniline	15.41	138	47476	18.898	ng	# 94
53) 2,4-Dinitrophenol	15.61	184	11448	15.987	ng	# 66
54) Dibenzofuran	15.90	168	498748	39.336	ng	94
55) 4-Nitrophenol	15.69	139	125652	71.129	ng	91
56) 2,4-Dinitrotoluene	15.84	165	134936	38.245	ng	95
57) Fluorene	16.54	166	409367	37.899	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.11	232	128146	40.635	ng	95
59) Diethylphthalate	16.27	149	429522	37.745	ng	99
60) 4-Chlorophenyl-phenylether	16.52	204	241014	38.815	ng	99
61) 4-Nitroaniline	16.56	138	80846	31.778	ng	# 83
62) Azobenzene	16.81	77	431186	39.115	ng	96
64) 4,6-Dinitro-2-methylphenol	16.60	198	21944	10.861	ng	96
65) n-Nitrosodiphenylamine	16.73	169	375310	38.926	ng	97
66) 4-Bromophenyl-phenylether	17.41	248	160842	40.552	ng	93
67) Hexachlorobenzene	17.54	284	159300	38.056	ng	96
68) Atrazine	17.65	200	152664	39.075	ng	100
69) Pentachlorophenol	17.88	266	131592	45.803	ng	96
70) Phenanthrene	18.28	178	675263	38.392	ng	99
71) Anthracene	18.37	178	698414	39.217	ng	100
72) Carbazole	18.63	167	601155	38.093	ng	# 97
73) Di-n-butylphthalate	19.12	149	708671	38.580	ng	# 99
74) Fluoranthene	20.23	202	850170	39.060	ng	98
76) Benzidine	20.40	184	179681	20.072	ng	99
77) Pyrene	20.59	202	855536	38.860	ng	99
79) Butylbenzylphthalate	21.45	149	313014	38.528	ng	94
80) Benzo(a)anthracene	22.57	228	822640	39.137	ng	99
81) 3,3'-Dichlorobenzidine	22.45	252	128482	17.177	ng	97
82) Chrysene	22.65	228	769245	37.806	ng	98
83) Bis(2-ethylhexyl)phthalate	22.39	149	427135	38.139	ng	99
84) Di-n-octyl phthalate	23.79	149	722926	42.159	ng	98
85) Indeno(1,2,3-cd)pyrene	30.80	276	889525	40.435	ng	# 88
87) Benzo(b)fluoranthene	25.17	252	785661	38.168	ng	# 96
88) Benzo(k)fluoranthene	25.25	252	805404	38.686	ng	# 97
89) Benzo(a)pyrene	26.21	252	782162	39.567	ng	# 97
90) Dibenzo(a,h)anthracene	30.87	278	744830	40.000	ng	# 96
91) Benzo(g,h,i)perylene	32.18	276	734115	39.814	ng	# 95

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

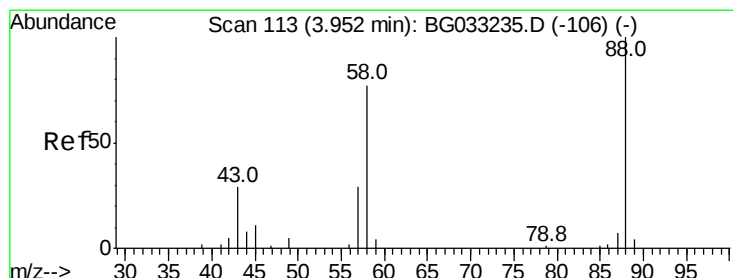
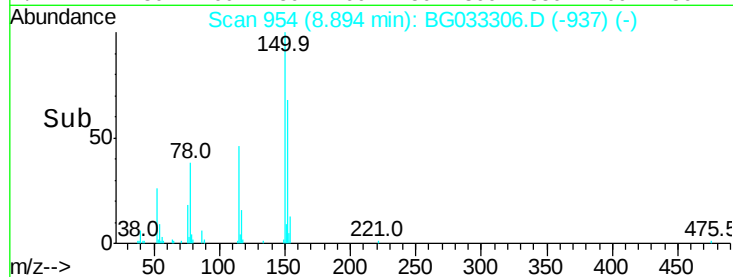
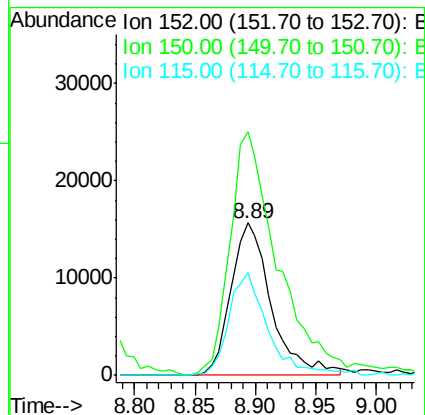
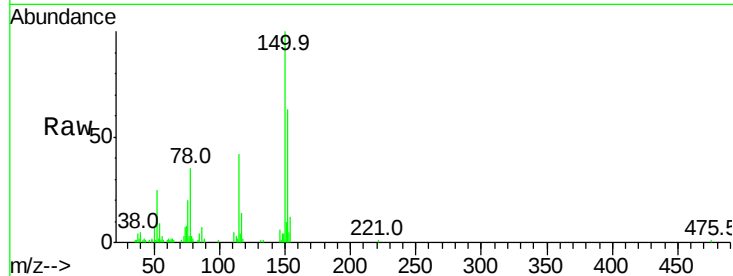


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampleId :

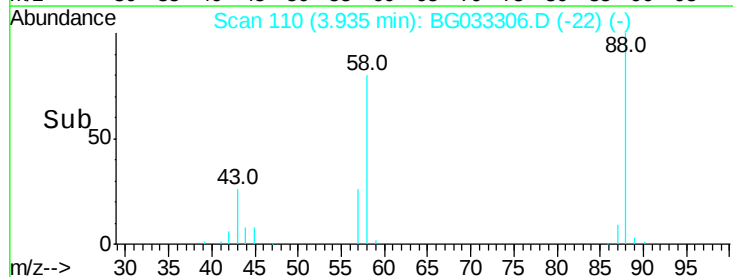
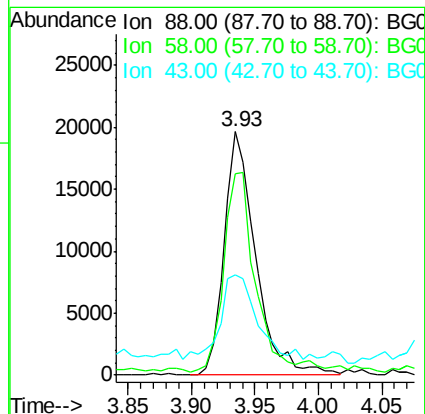
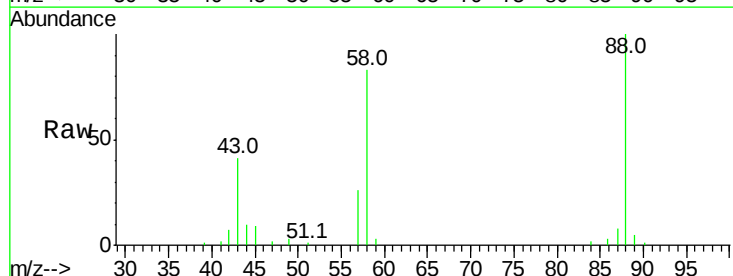
Tot Ion:152 Resp: 36460
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 67.5 53.0 79.4

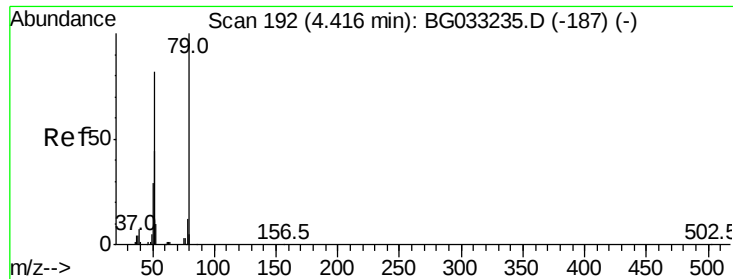


#2

1,4-Dioxane
Concen: 34.177 ng
RT: 3.93 min Scan# 110
Delta R.T. -0.01 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion: 88 Resp: 33748
Ion Ratio Lower Upper
88 100
58 79.8 79.6 119.4
43 38.8 27.4 41.0





#3

Pvridine

Concen: 31.208 ng

RT: 4.40 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

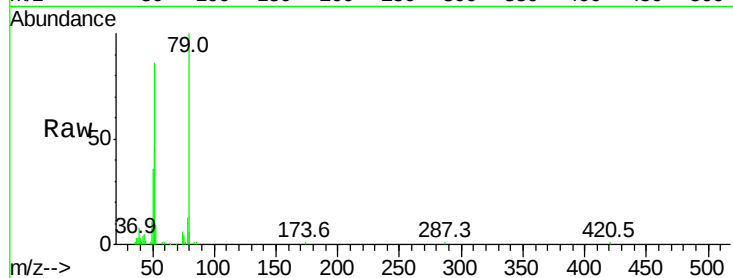
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 85187

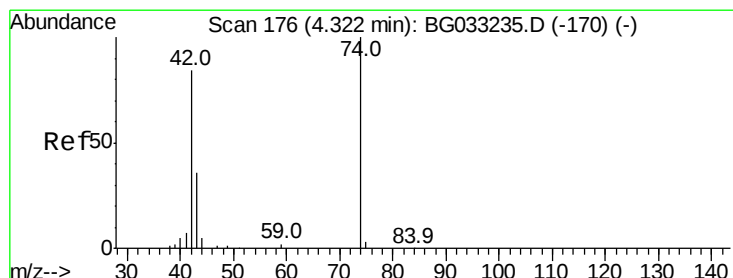
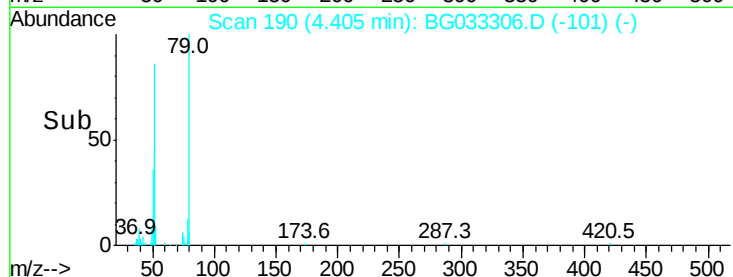
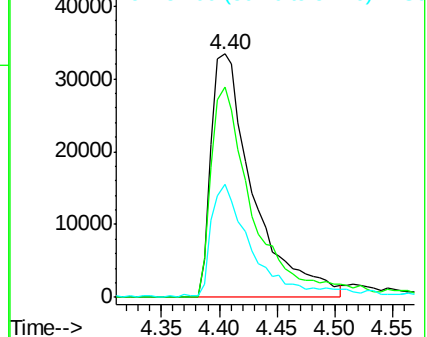
Ion	Ratio	Lower	Upper
79	100		
52	86.2	69.9	104.9
51	46.2	34.0	51.0



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: 42.073 ng

RT: 4.31 min Scan# 174

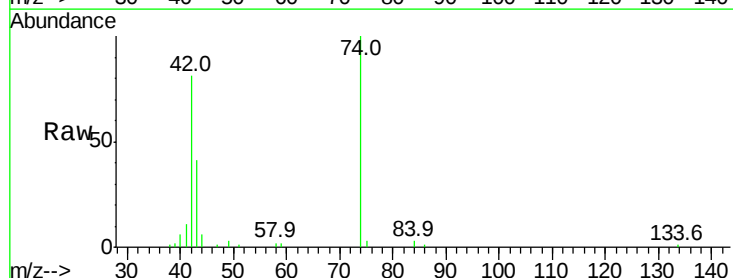
Delta R.T. -0.01 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Tgt Ion: 42 Resp: 47130

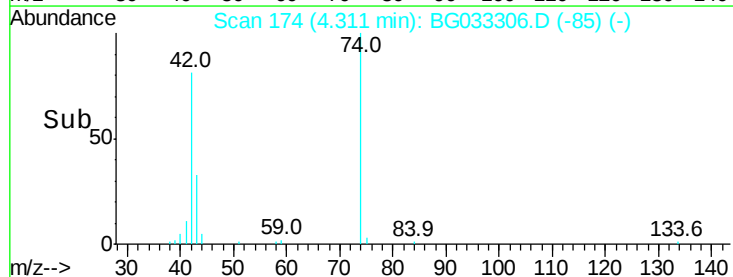
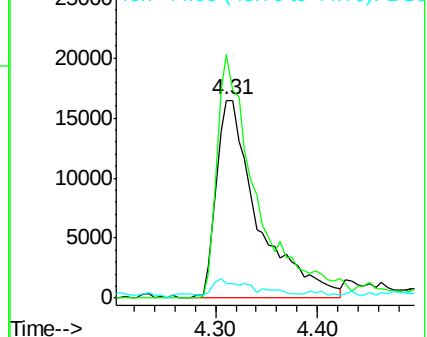
Ion	Ratio	Lower	Upper
42	100		
74	123.2	102.5	153.7
44	7.2	18.9	28.3

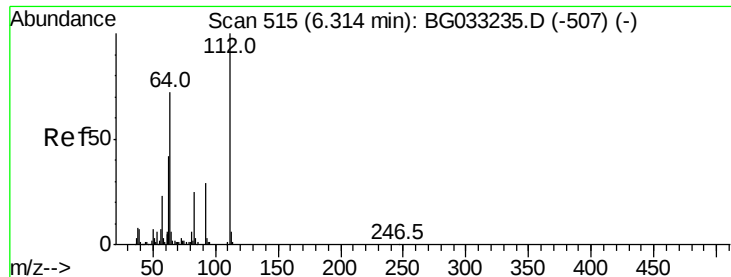


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 153.014 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

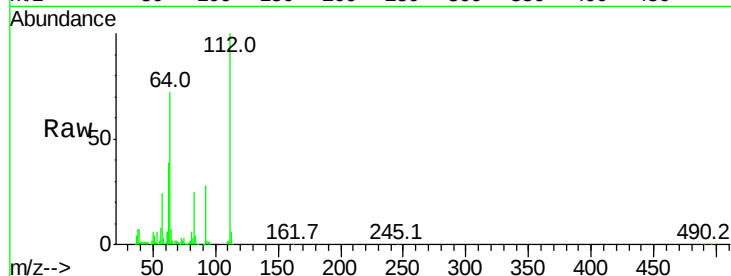
Tot Ion:112 Resp: 297521

Ion Ratio Lower Upper

112 100

64 71.7 56.3 84.5

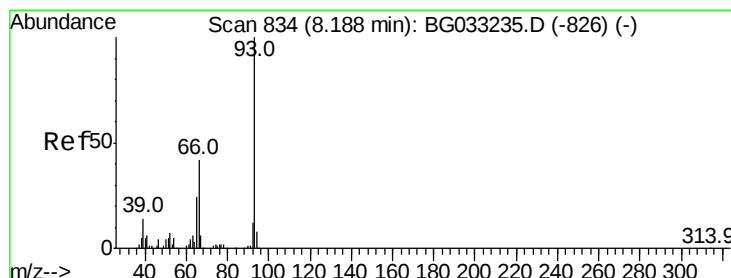
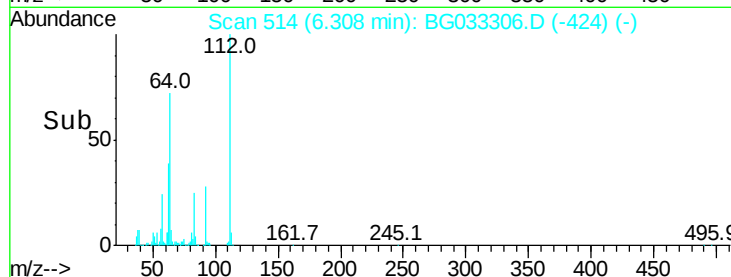
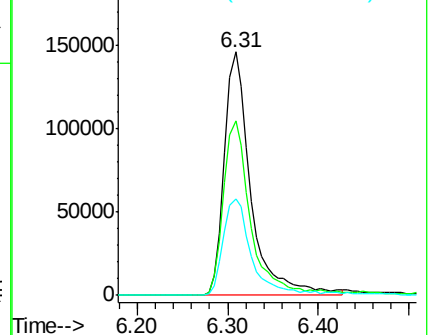
63 39.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.873 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

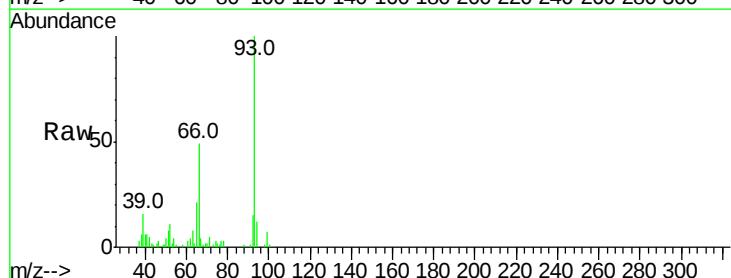
Tgt Ion: 93 Resp: 50577

Ion Ratio Lower Upper

93 100

66 48.5 33.7 50.5

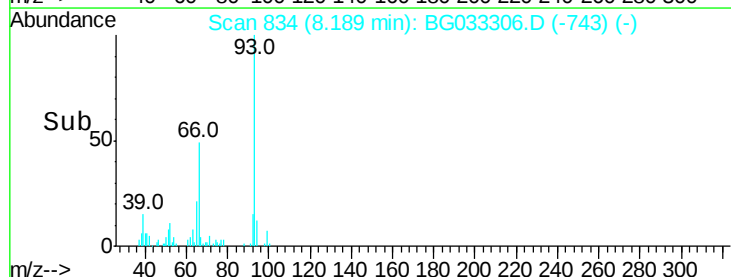
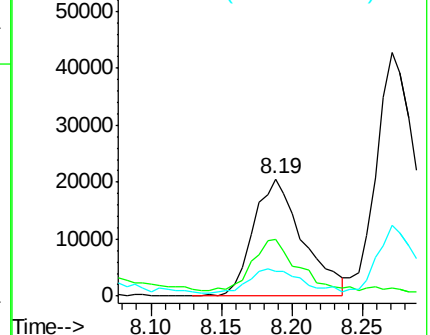
65 20.6 16.1 24.1

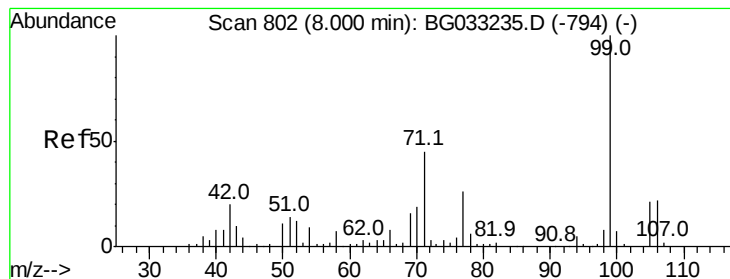


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.251 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

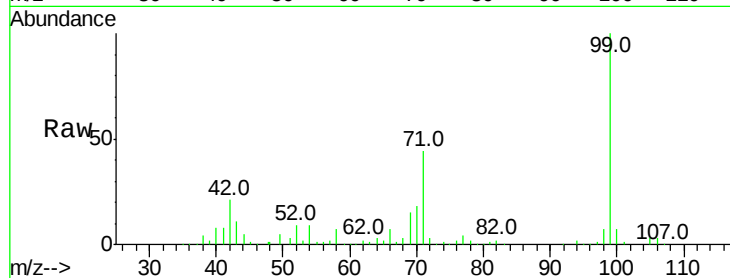
Tot Ion: 99 Resp: 471903

Ion Ratio Lower Upper

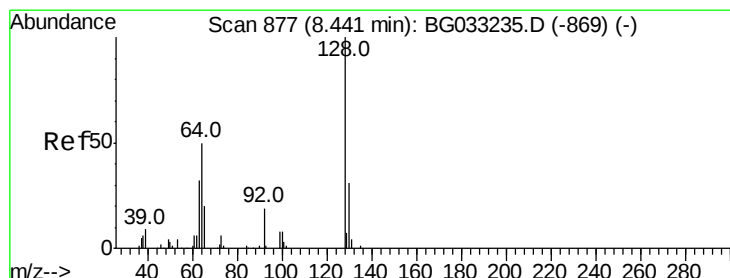
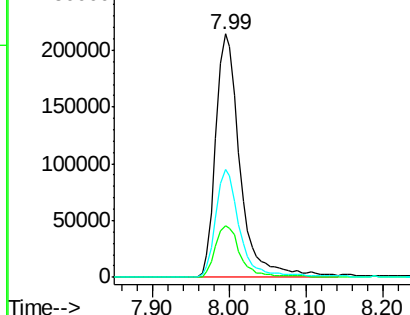
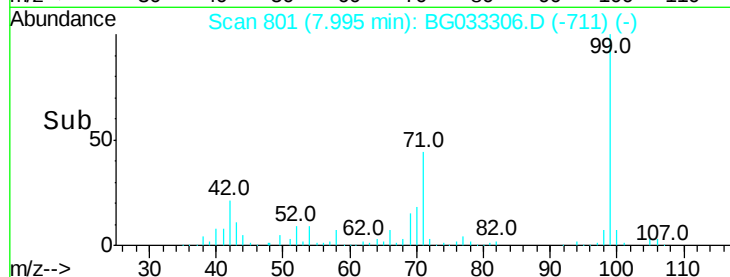
99 100

42 21.4 14.1 21.1#

71 44.4 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: 47.957 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

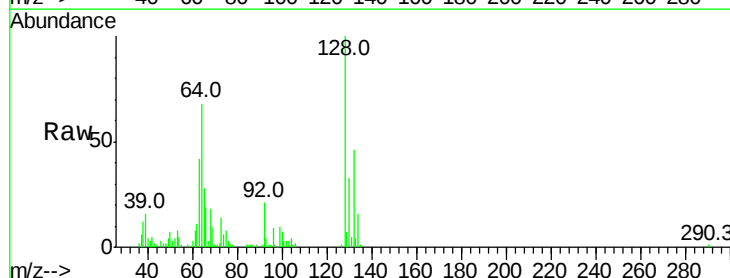
Tgt Ion:128 Resp: 106603

Ion Ratio Lower Upper

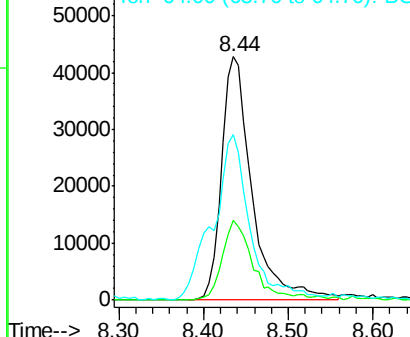
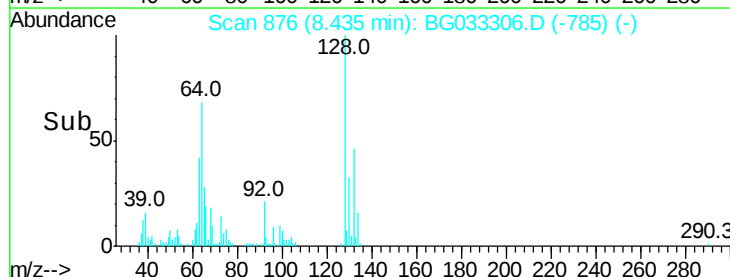
128 100

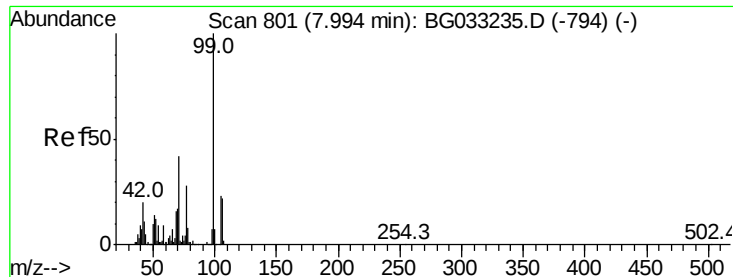
130 32.7 14.0 54.0

64 67.9 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: 14.112 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

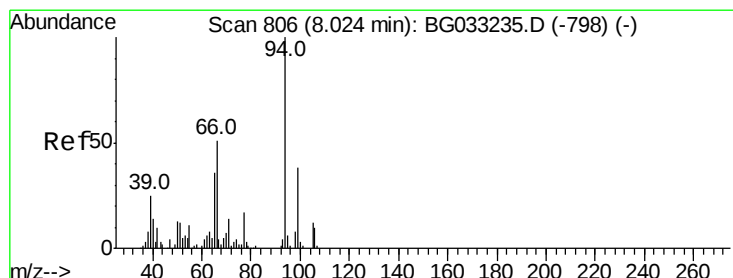
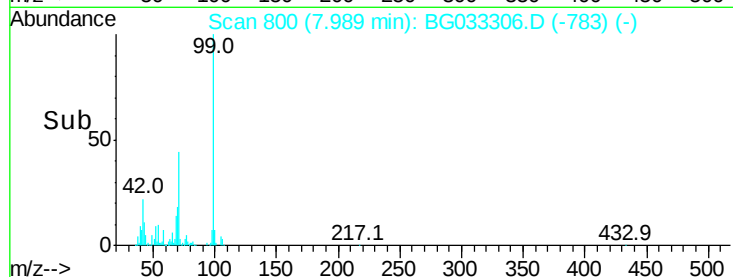
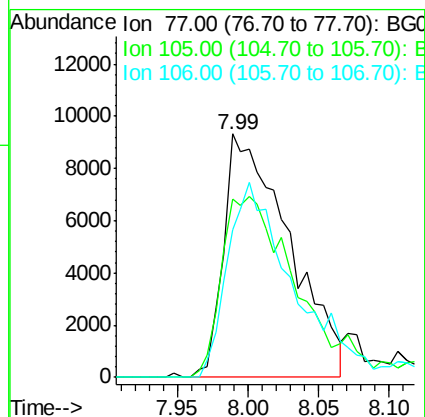
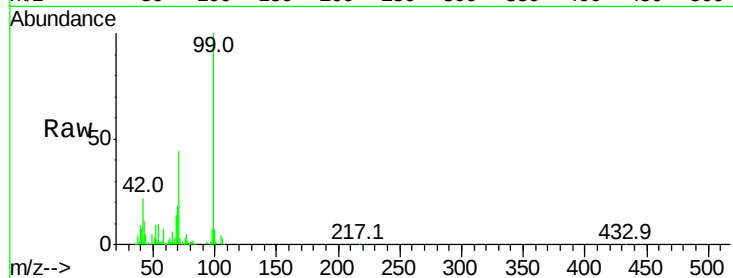
Tot Ion: 77 Resp: 29961

Ion Ratio Lower Upper

77 100

105 73.5 71.3 111.3

106 60.4 64.2 104.2#



#10

Phenol

Concen: 48.907 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

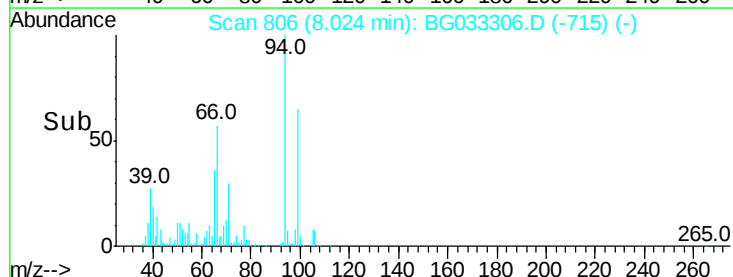
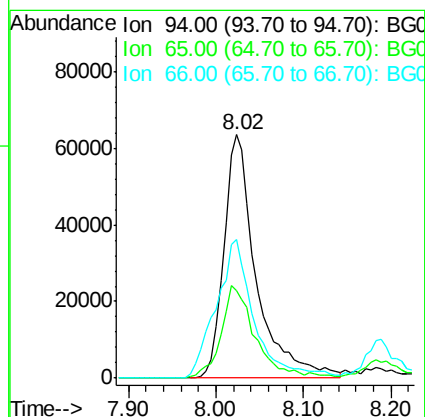
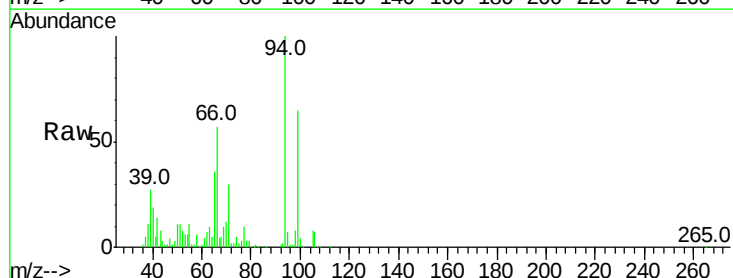
Tgt Ion: 94 Resp: 161321

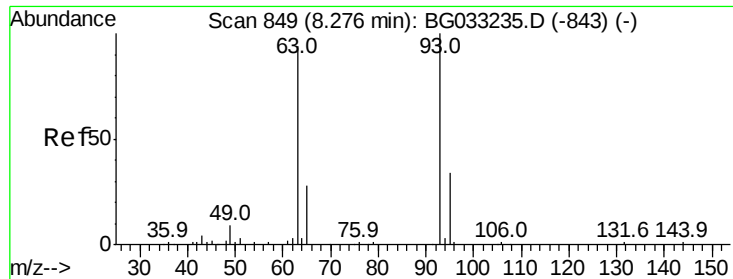
Ion Ratio Lower Upper

94 100

65 35.7 11.9 51.9

66 56.8 22.2 62.2

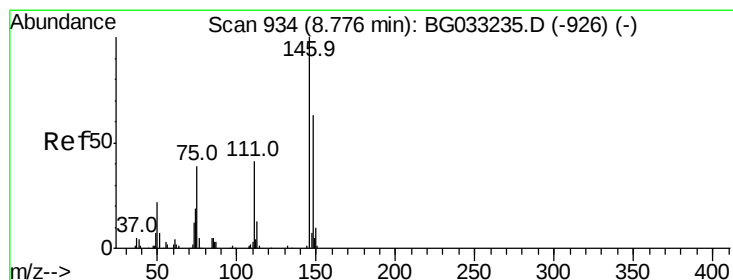
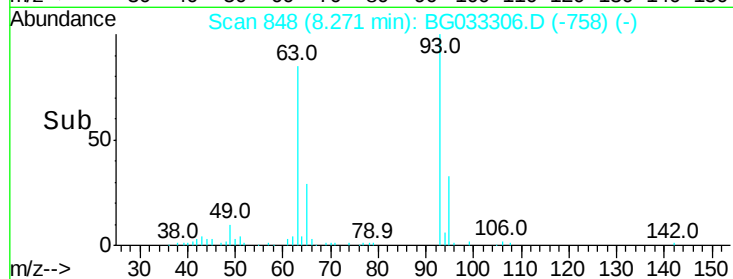
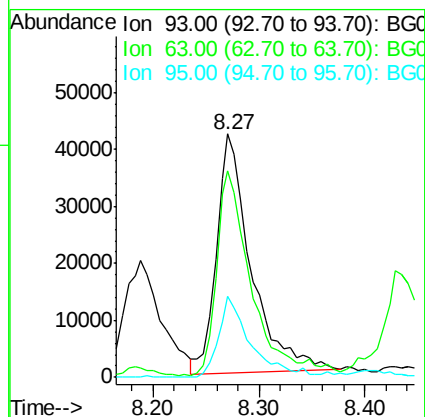
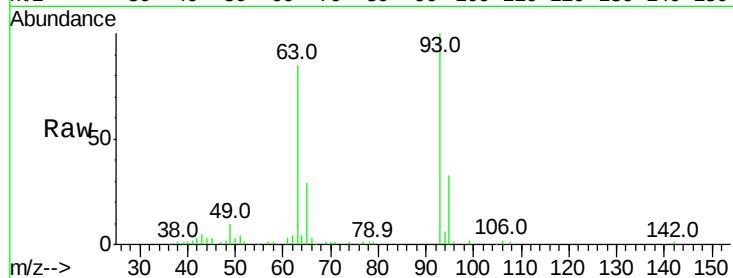




#11
 bis(2-Chloroethyl)ether
 Concen: 35.294 ng
 RT: 8.27 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

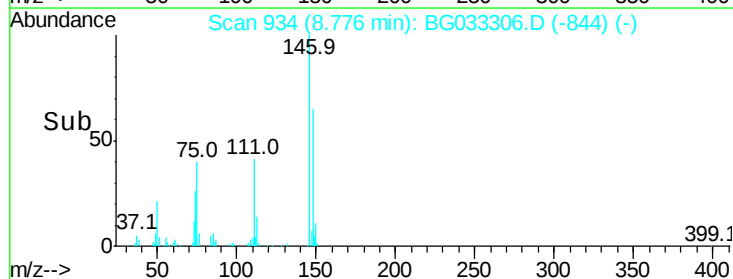
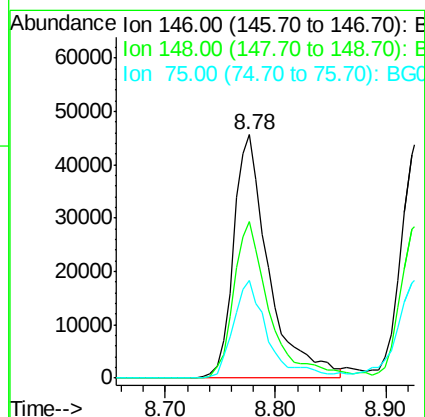
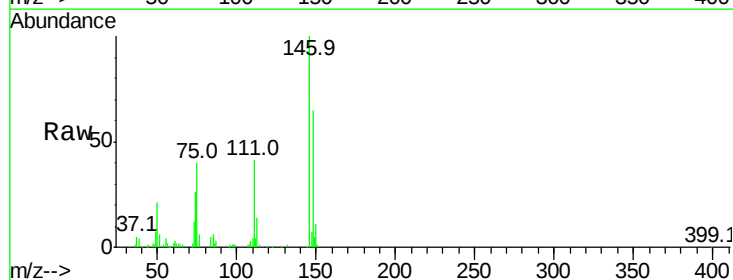
Instrument :
 BNA_G
 ClientSampleId :

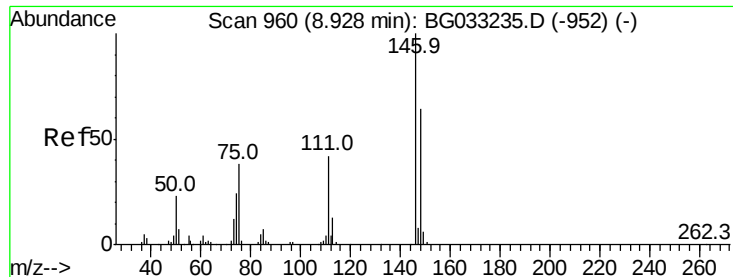
Tot Ion: 93 Resp: 95023
 Ion Ratio Lower Upper
 93 100
 63 85.0 67.1 107.1
 95 33.3 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 35.012 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion: 146 Resp: 101750
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 75 39.9 26.6 39.8#

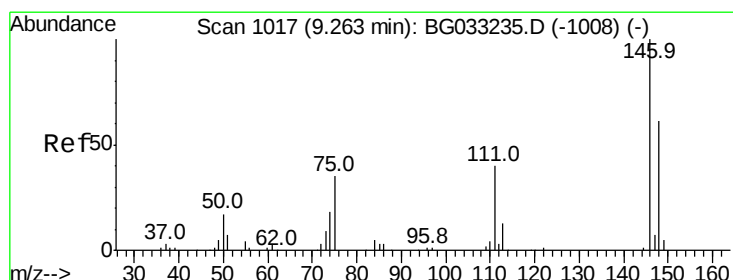
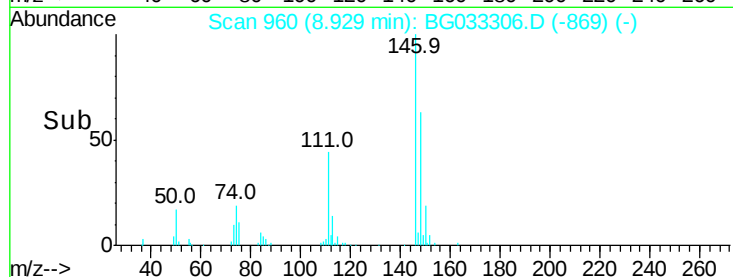
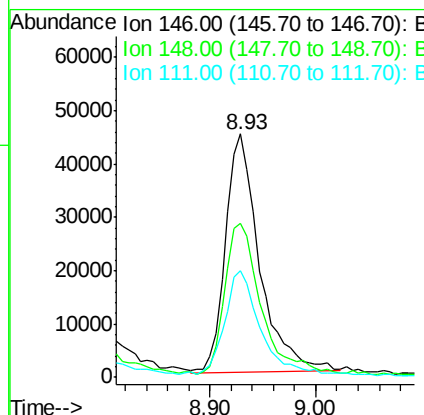
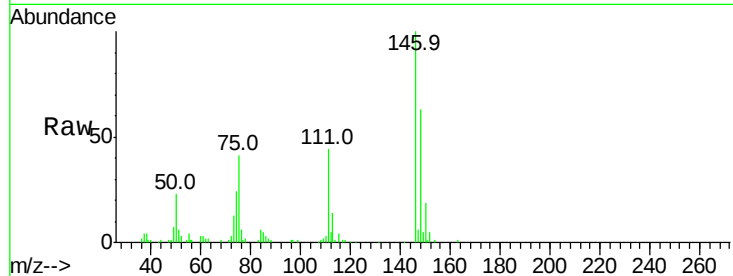




#13
1,4-Dichlorobenzene
Concen: 34.343 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

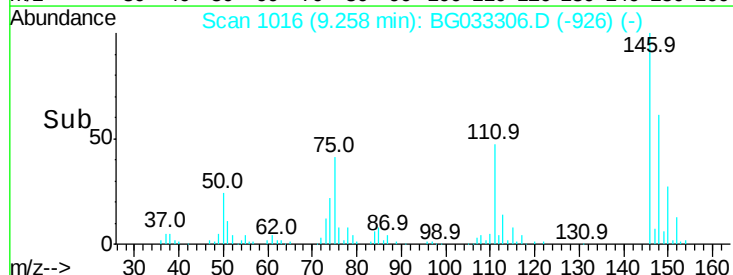
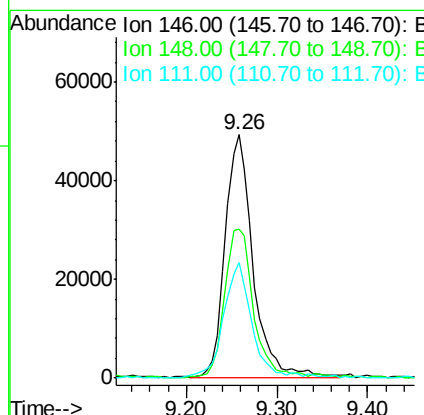
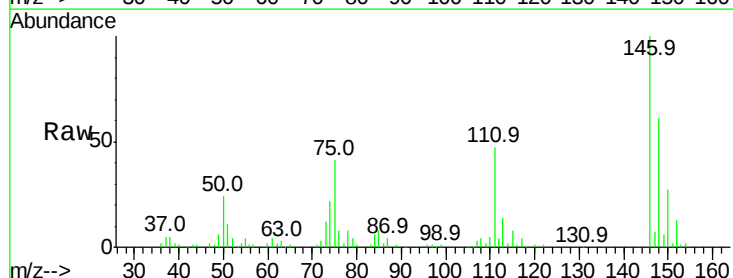
Instrument :
BNA_G
ClientSampleId :

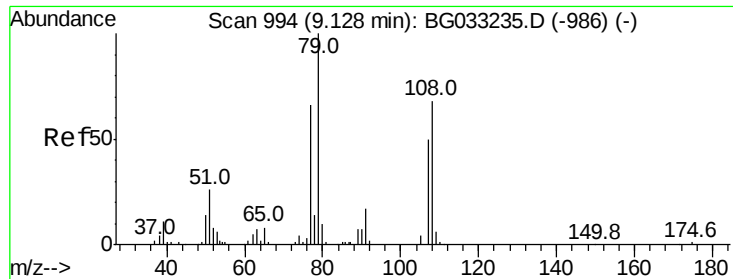
Tot Ion:146 Resp: 99956
Ion Ratio Lower Upper
146 100
148 63.3 53.7 80.5
111 44.0 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 36.975 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:146 Resp: 105031
Ion Ratio Lower Upper
146 100
148 61.3 49.3 73.9
111 47.5 34.3 51.5

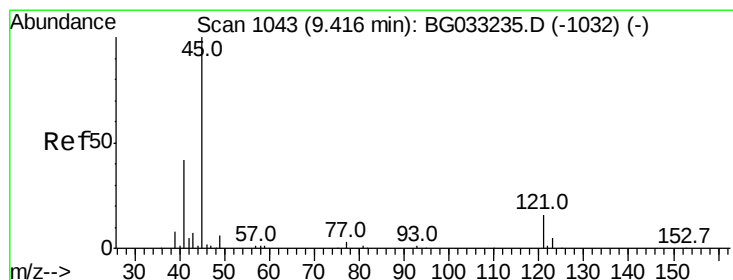
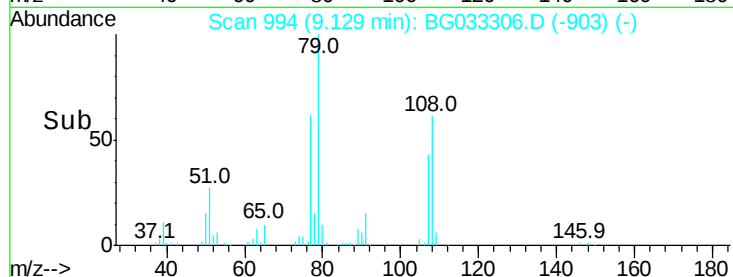
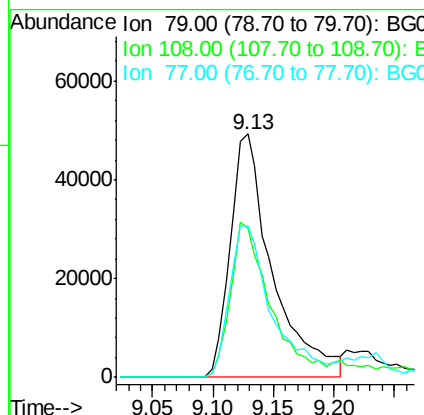
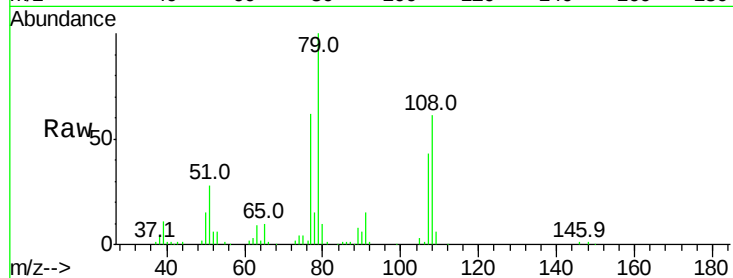




#15
Benzyl Alcohol
Concen: 45.495 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

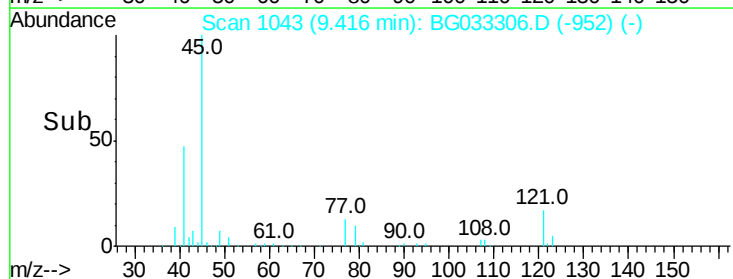
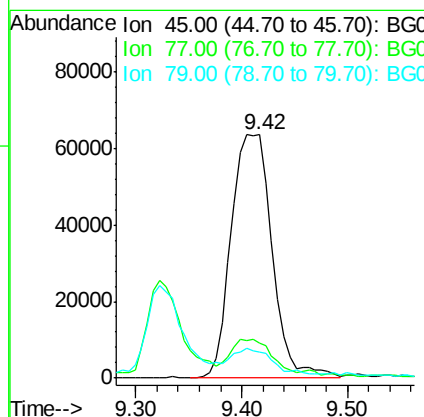
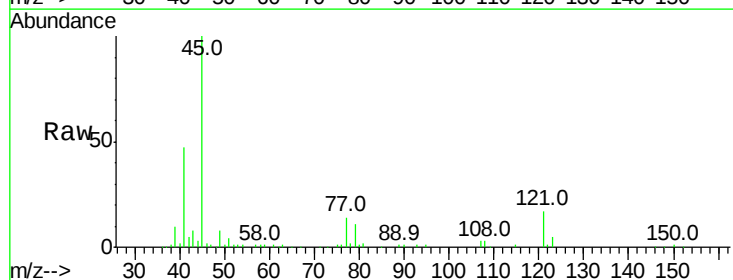
Instrument :
BNA_G
ClientSampleId :

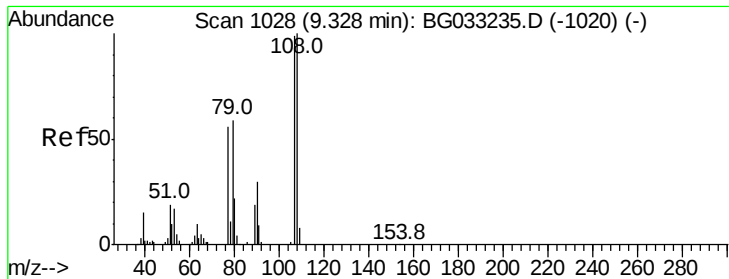
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.4	57.2	85.8
77	62.2	46.1	69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.053 ng
RT: 9.42 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	30.2
79	10.6	0.0	27.9





#17

2-Methylphenol

Concen: 65.728 ng

RT: 9.66 min Scan# 1085

Delta R.T. 0.34 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 147694

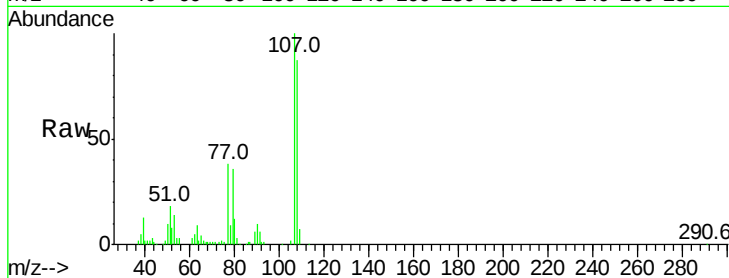
Ion Ratio Lower Upper

107 100

108 87.2 83.9 125.9

77 38.4 37.2 55.8

79 36.5 36.2 54.2

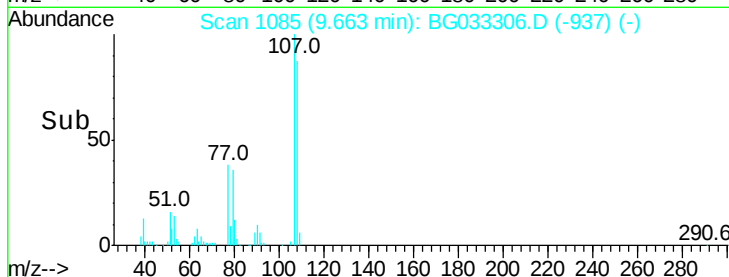


Abundance Ion 107.00 (106.70 to 107.70): E

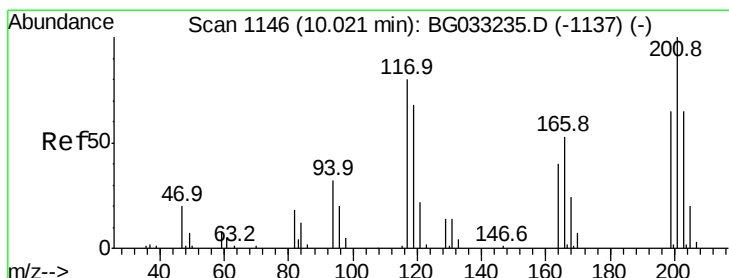
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 36.530 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

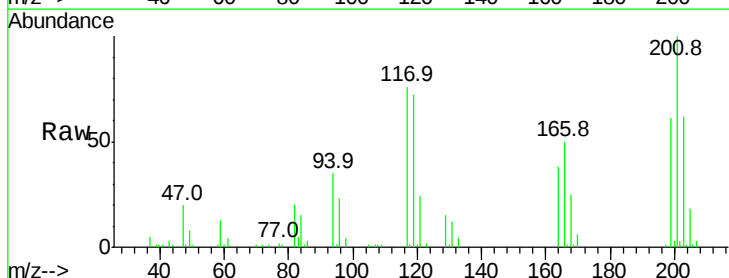
Tgt Ion:117 Resp: 41035

Ion Ratio Lower Upper

117 100

119 94.9 76.7 115.1

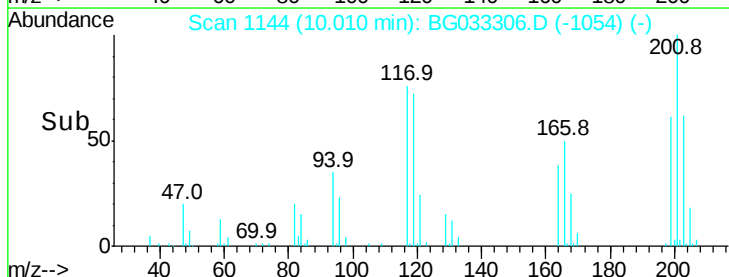
201 135.3 95.7 143.5



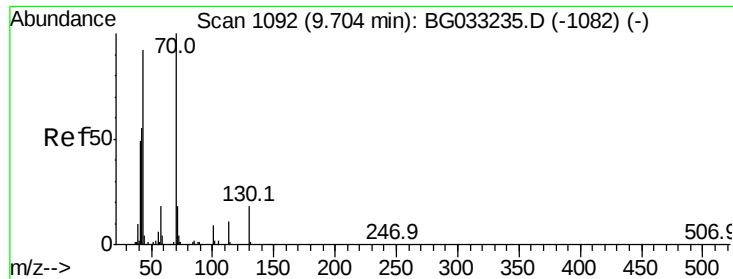
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



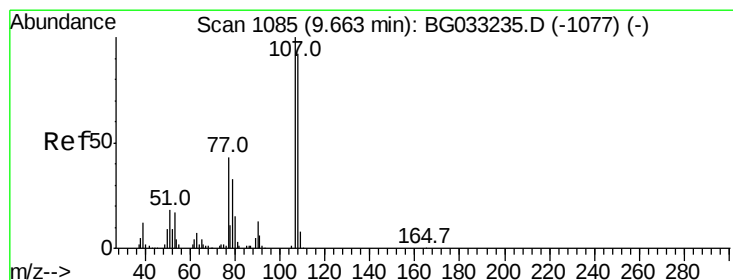
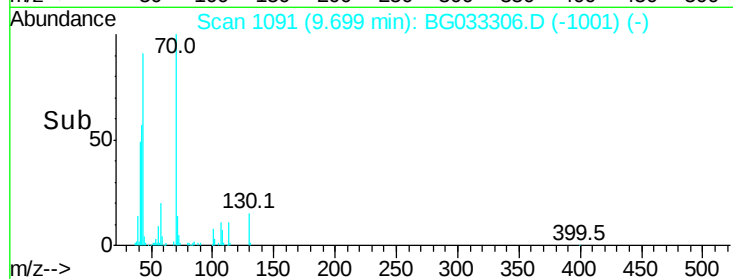
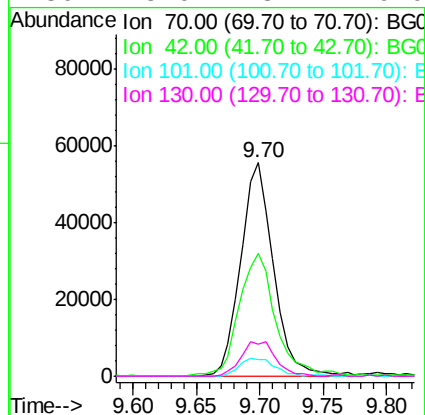
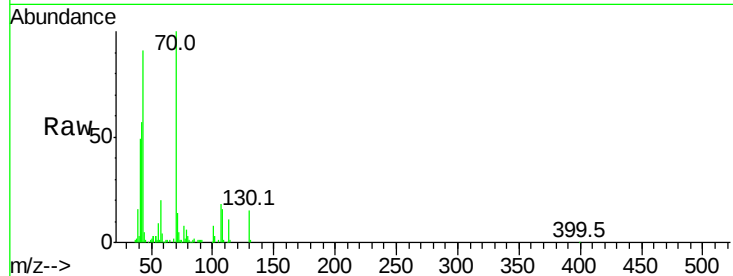
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.733 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

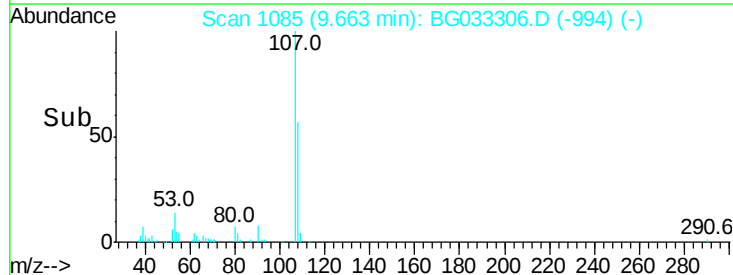
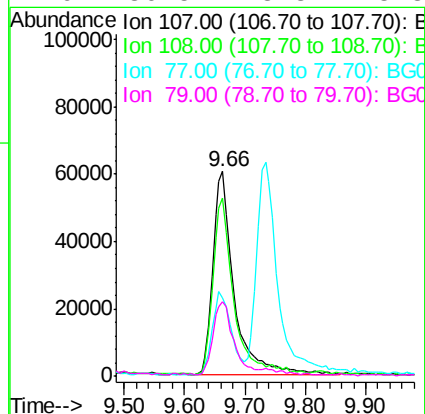
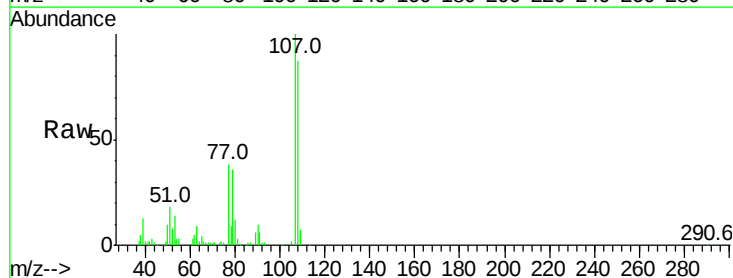
Instrument :
BNA_G
ClientSampleId :

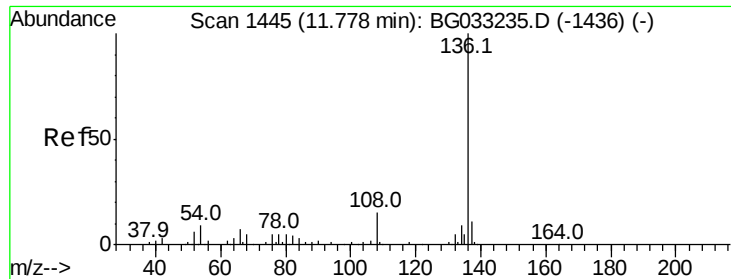
Tot Ion:	70	Resp:	99717
Ion	Ratio	Lower	Upper
70	100		
42	57.3	49.1	73.7
101	8.0	8.5	12.7#
130	15.0	13.4	20.0



#20
3+4-Methylphenols
Concen: 46.450 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:	107	Resp:	148609
Ion	Ratio	Lower	Upper
107	100		
108	87.2	61.6	101.6
77	38.4	13.9	53.9
79	36.5	8.8	48.8

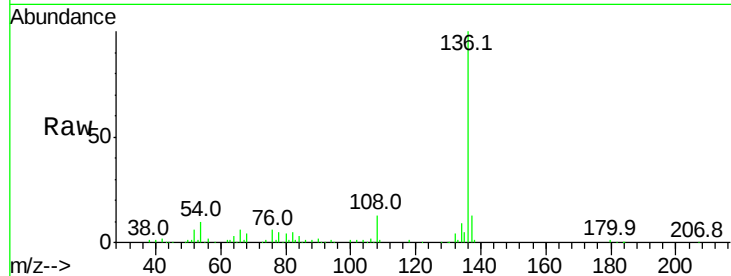




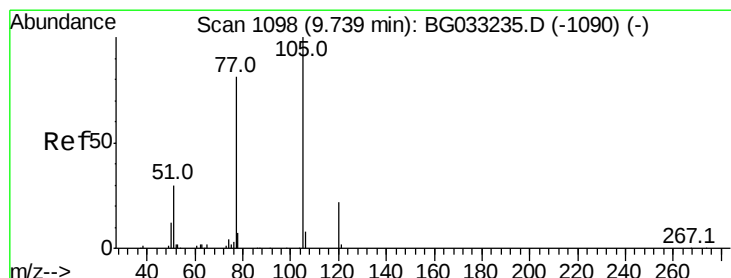
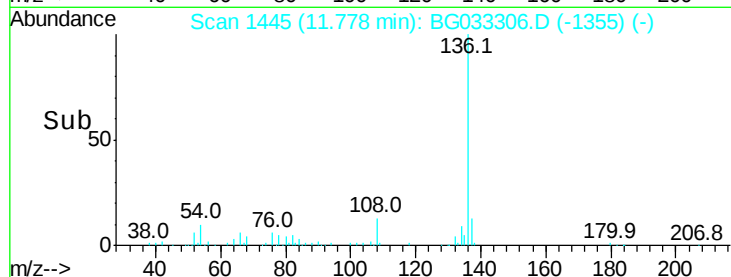
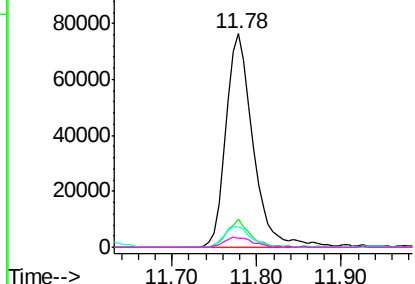
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 168844
Ion Ratio	Lower Upper
136 100	
137 13.2	9.2 13.8
54 9.9	10.3 15.5#
68 3.9	4.5 6.7#

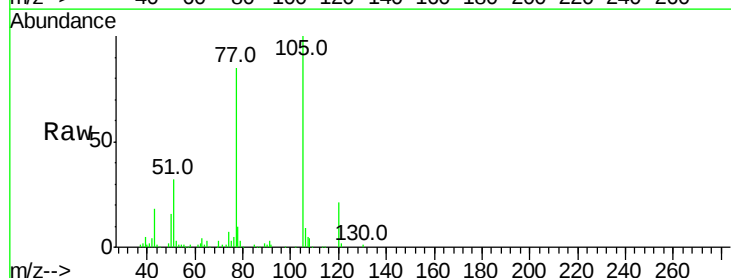


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

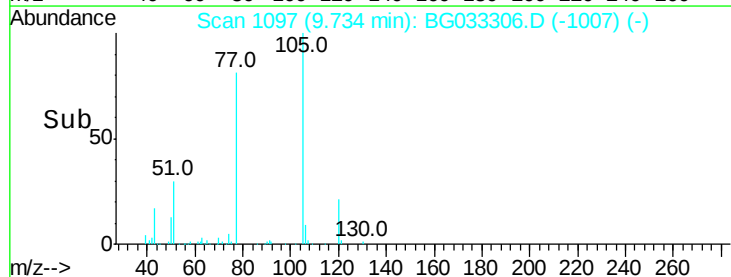
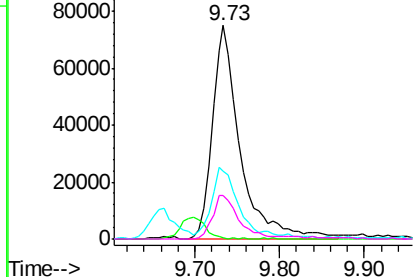


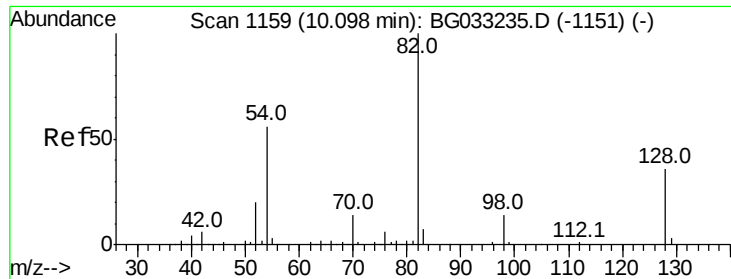
#22
Acetophenone
Concen: 37.353 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt	Ion:105	Resp:	172786
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	31.7	26.1	39.1
120	20.6	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: 81.405 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampled :

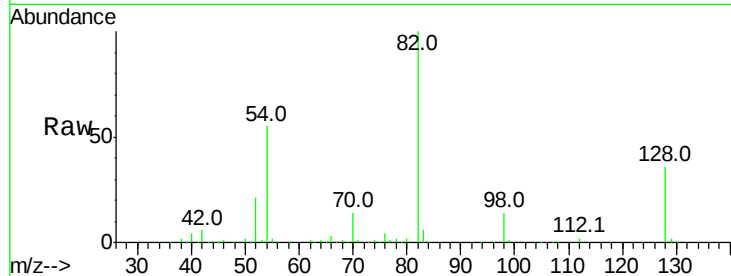
Tot Ion: 82 Resp: 299163

Ion Ratio Lower Upper

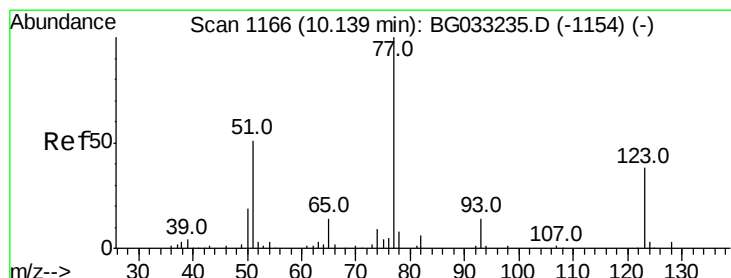
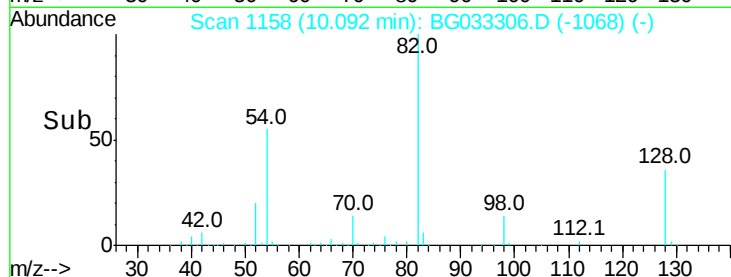
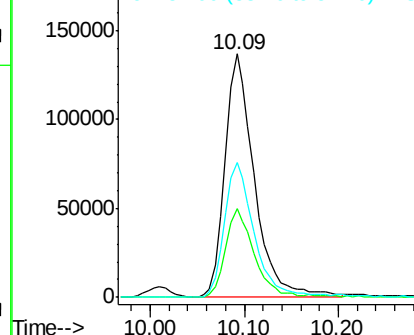
82 100

128 36.3 29.7 44.5

54 55.4 43.1 64.7



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



#24

Nitrobenzene

Concen: 37.915 ng

RT: 10.14 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

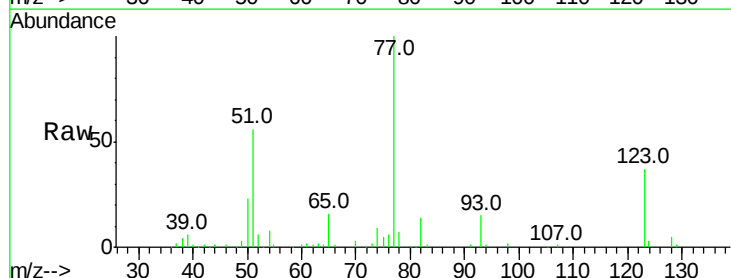
Tgt Ion: 77 Resp: 149140

Ion Ratio Lower Upper

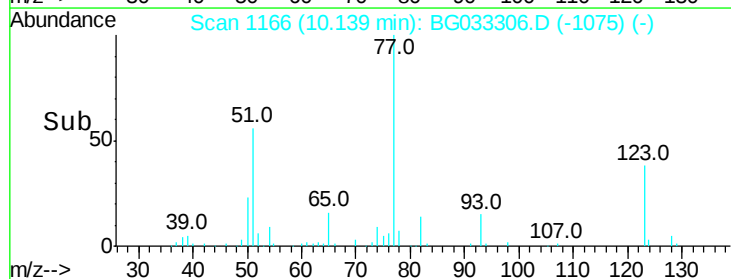
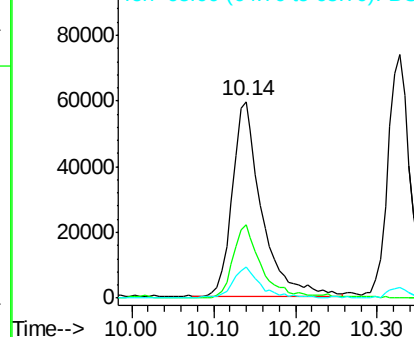
77 100

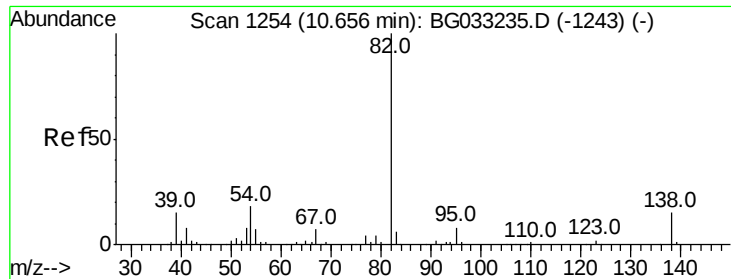
123 37.2 33.0 49.6

65 16.1 13.0 19.6



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





#25

Isophorone

Concen: 40.969 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

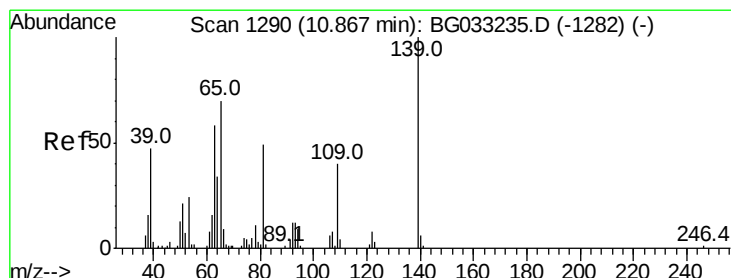
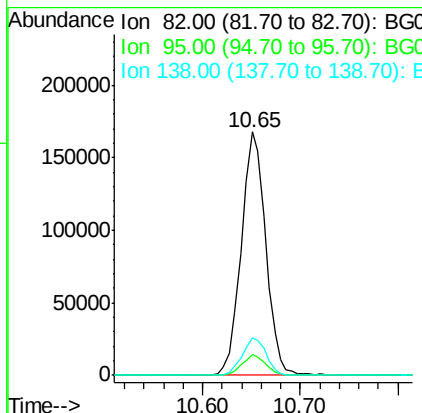
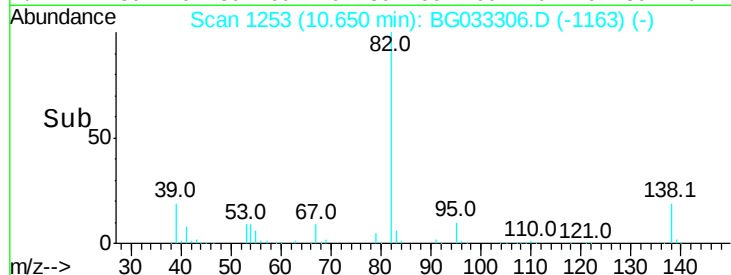
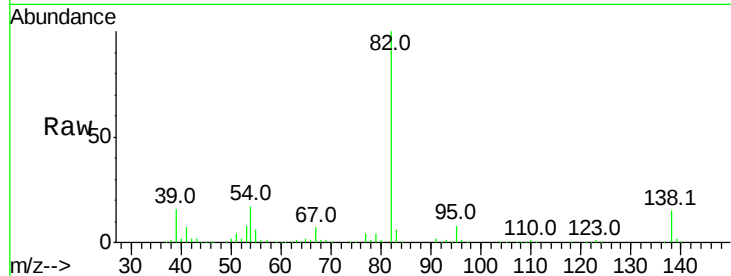
Tot Ion: 82 Resp: 292219

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 15.4 12.1 18.1



#26

2-Nitrophenol

Concen: 42.212 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

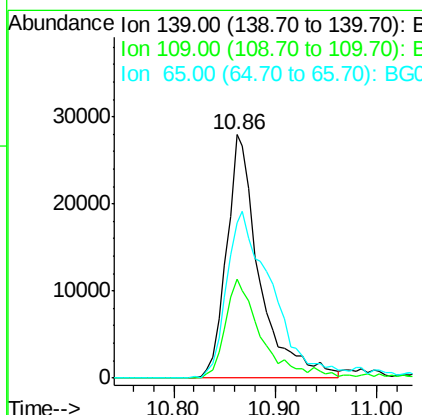
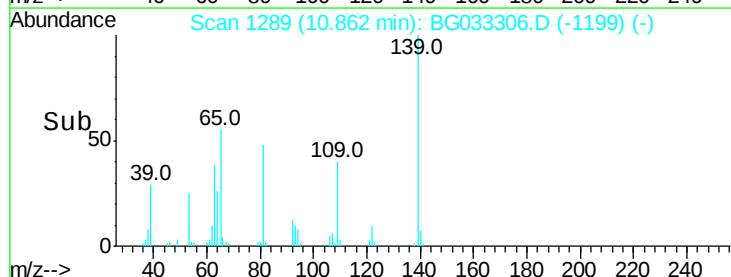
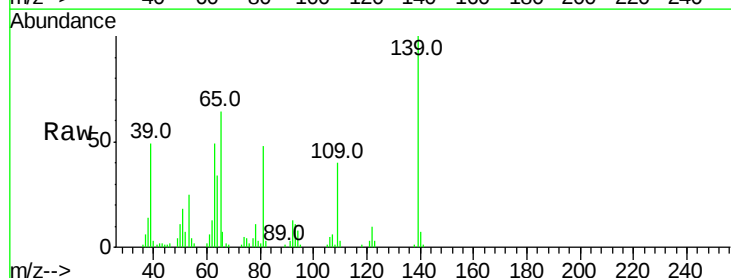
Tgt Ion:139 Resp: 62863

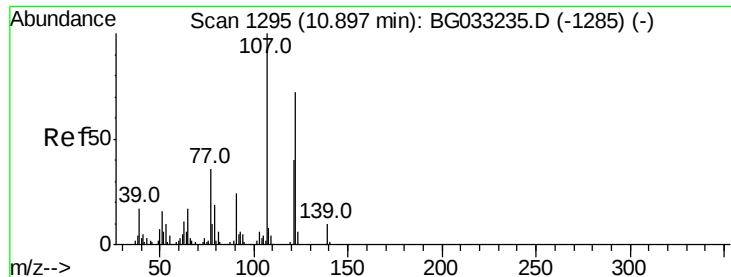
Ion Ratio Lower Upper

139 100

109 40.4 24.2 36.2#

65 64.0 47.4 71.0

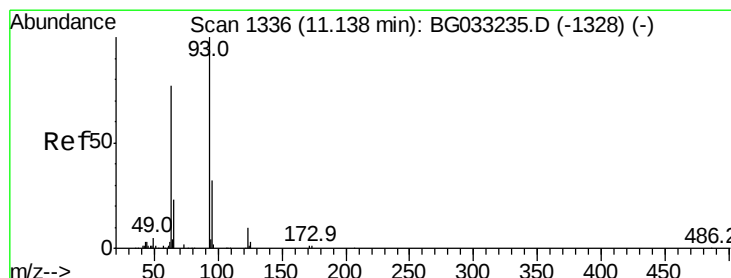
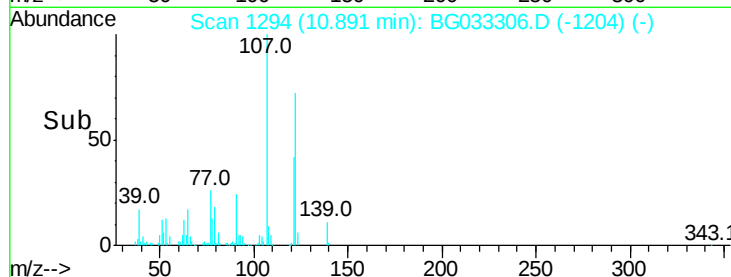
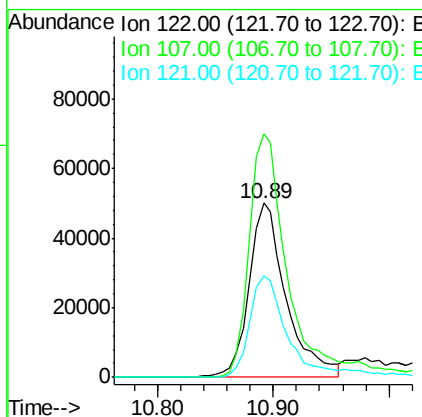
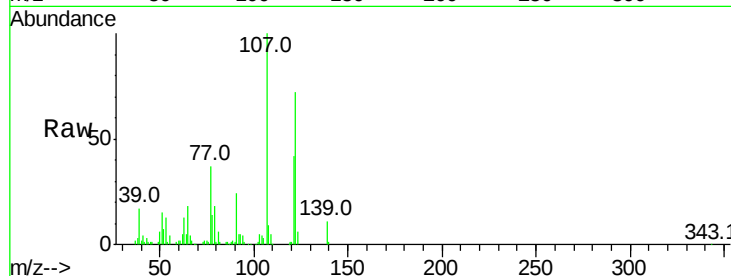




#27
2,4-Dimethylphenol
Concen: 51.907 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

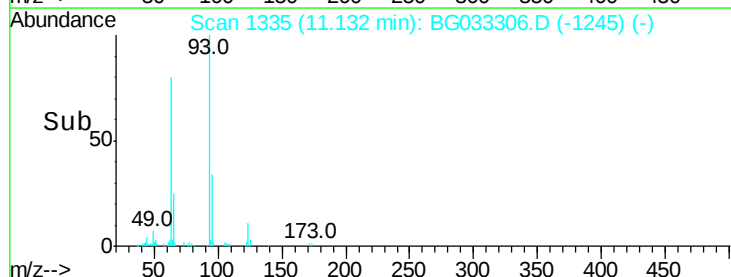
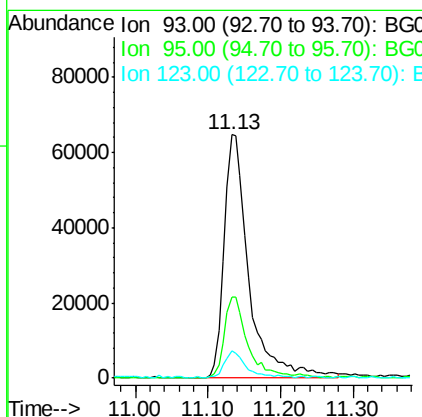
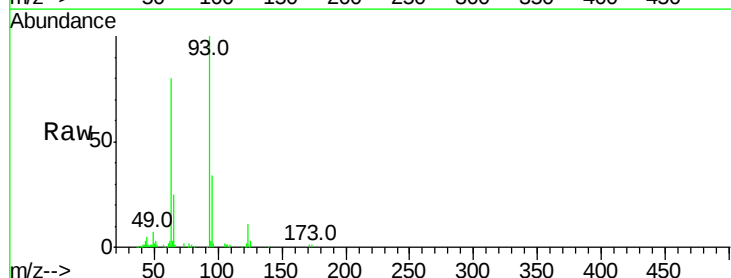
Instrument :
BNA_G
ClientSampleId :

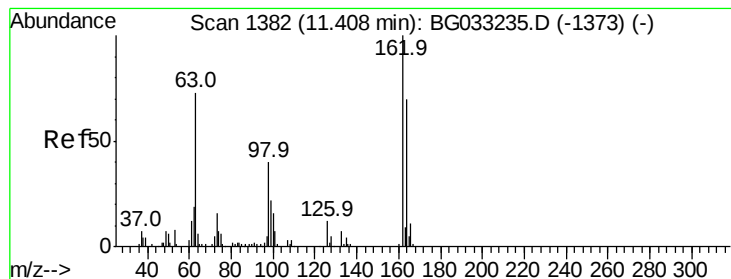
Tot Ion:122 Resp: 112297
Ion Ratio Lower Upper
122 100
107 139.7 100.2 150.2
121 58.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.424 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion: 93 Resp: 154538
Ion Ratio Lower Upper
93 100
95 33.5 24.3 36.5
123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.069 ng

RT: 11.40 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

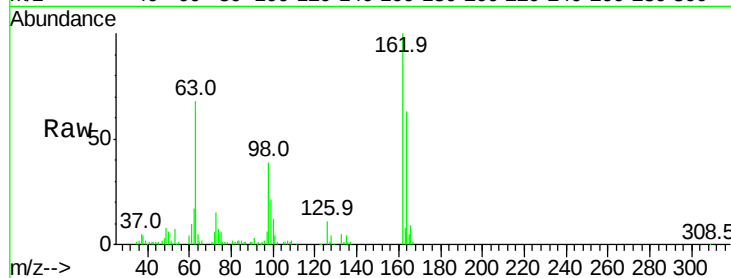
Tot Ion:162 Resp: 127891

Ion Ratio Lower Upper

162 100

164 63.1 48.0 88.0

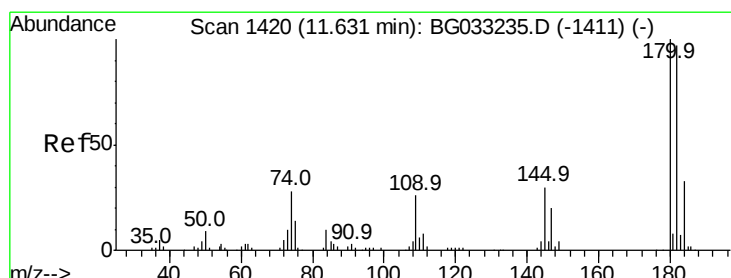
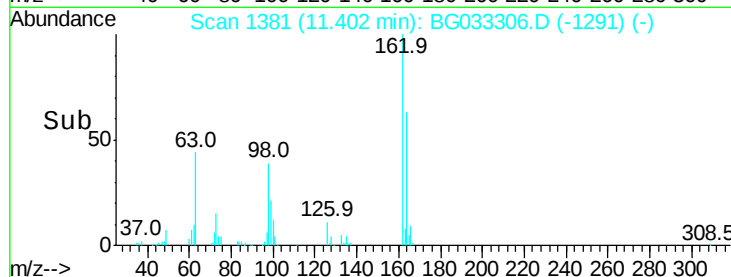
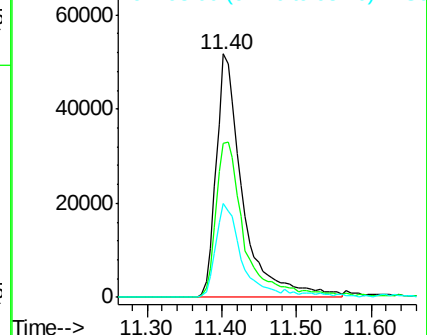
98 38.5 21.1 61.1



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: 36.374 ng

RT: 11.63 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

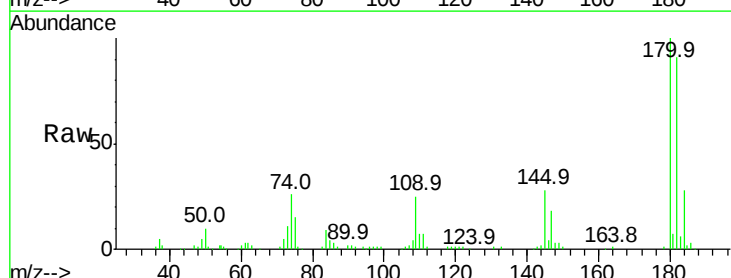
Tgt Ion:180 Resp: 125736

Ion Ratio Lower Upper

180 100

182 90.9 77.5 116.3

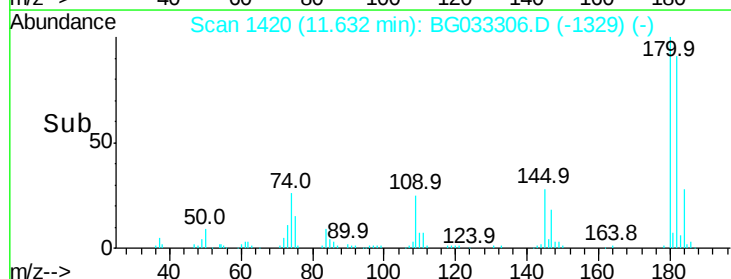
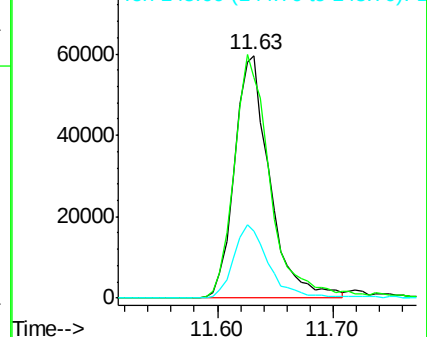
145 27.6 23.4 35.2

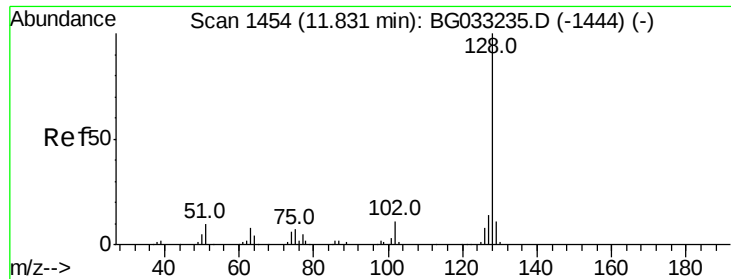


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

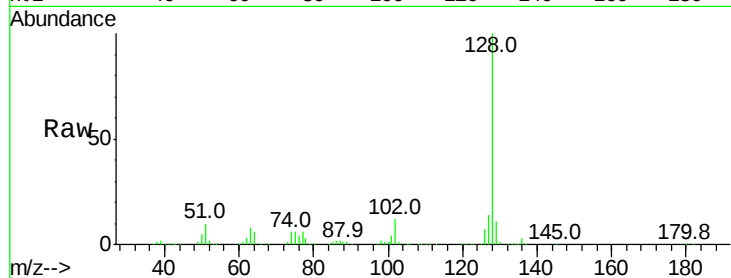




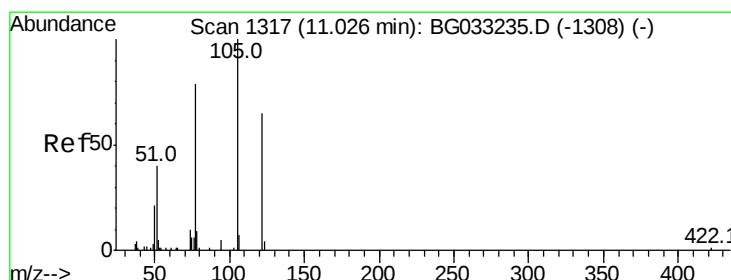
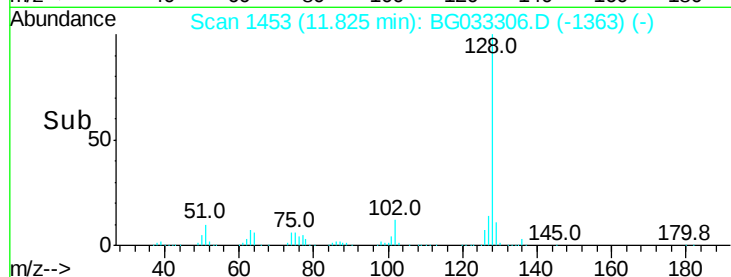
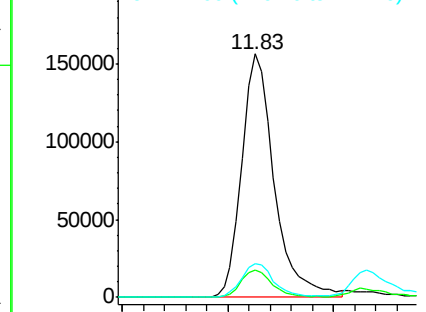
#31
Naphthalene
Concen: 38.250 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 334671
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.8 11.6 17.4

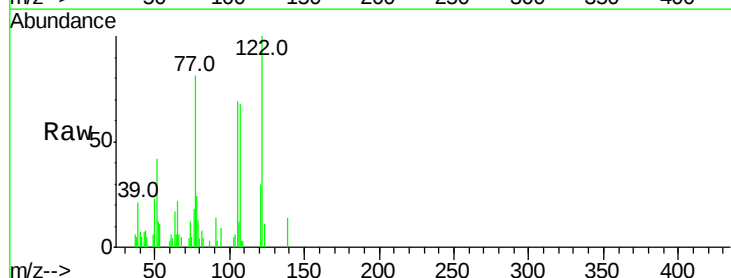


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

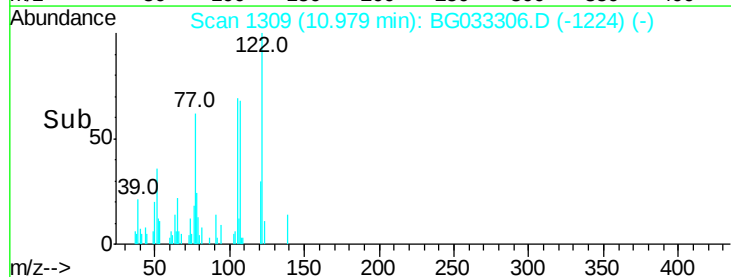
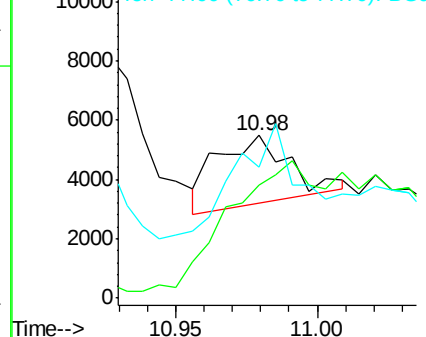


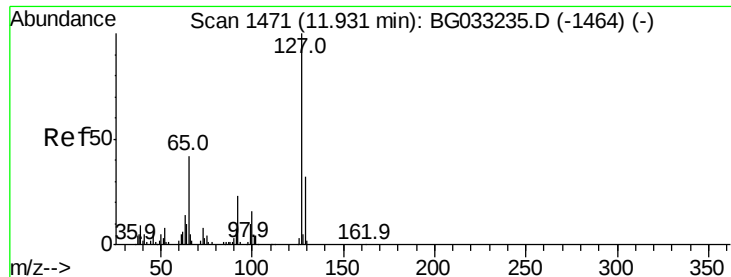
#32
Benzoic acid
Concen: 2.074 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:122 Resp: 4172
Ion Ratio Lower Upper
122 100
105 69.2 123.5 163.5#
77 80.7 85.7 125.7#



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

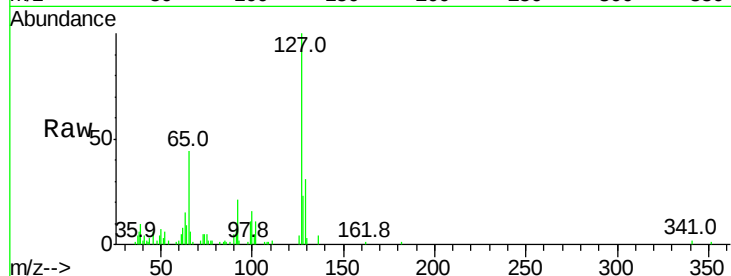




#33
4-Chloroaniline
Concen: 12.351 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.0	36.0
65	43.8	27.0	40.4
92	20.7	16.6	25.0



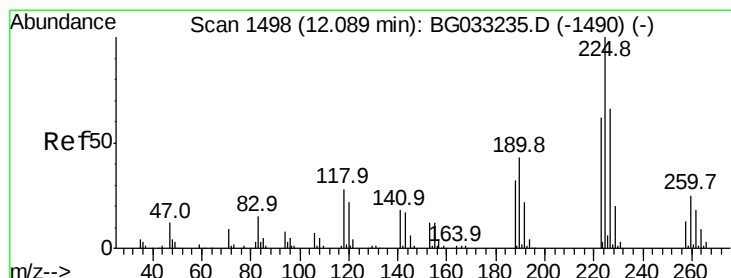
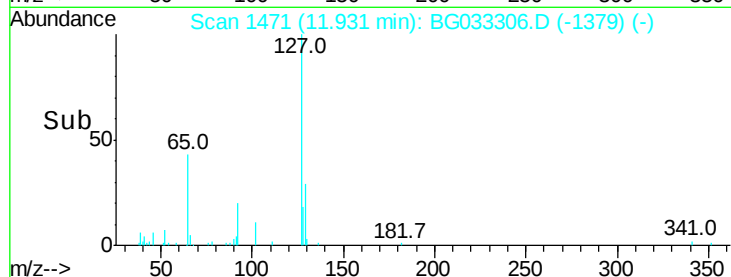
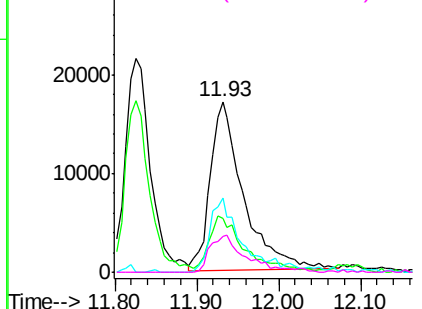
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 129.00 (128.70 to 129.70): E

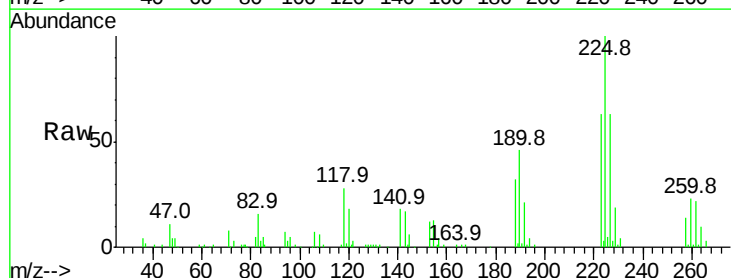
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.312 ng
RT: 12.08 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	63.2	48.1	72.1

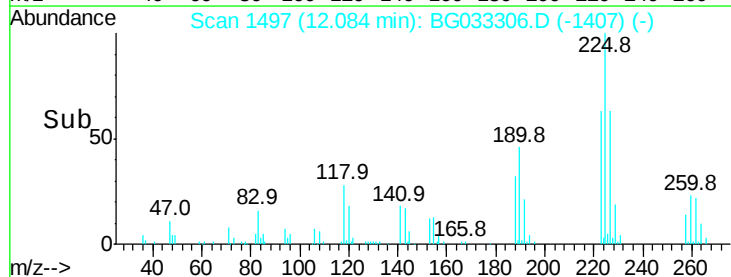
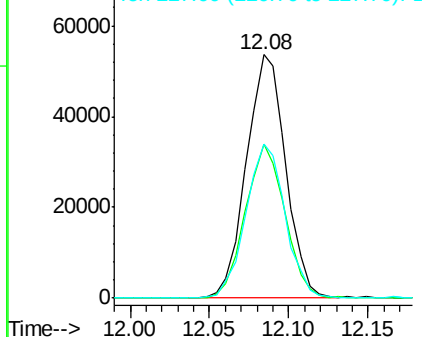


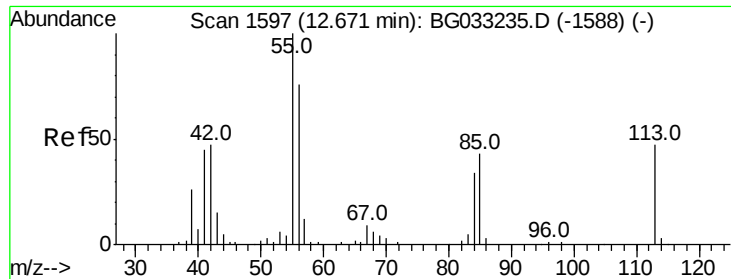
Abundance

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: 39.797 ng

RT: 12.66 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

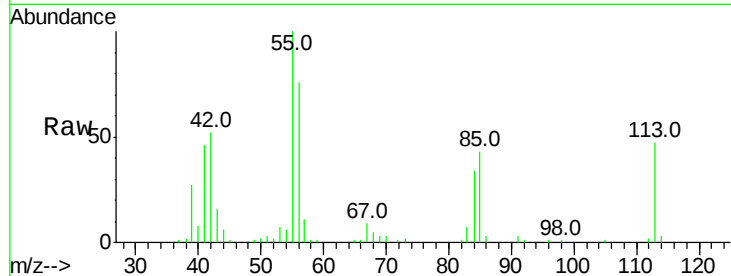
Tot Ion:113 Resp: 41481

Ion Ratio Lower Upper

113 100

55 211.0 186.9 226.9

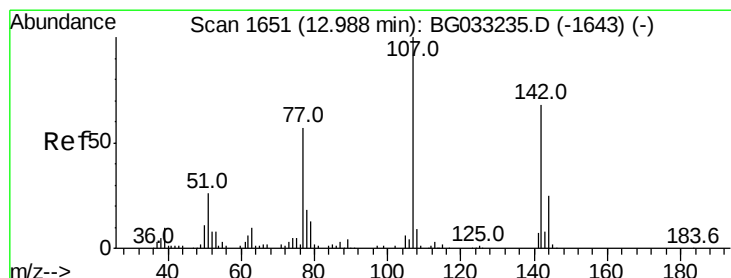
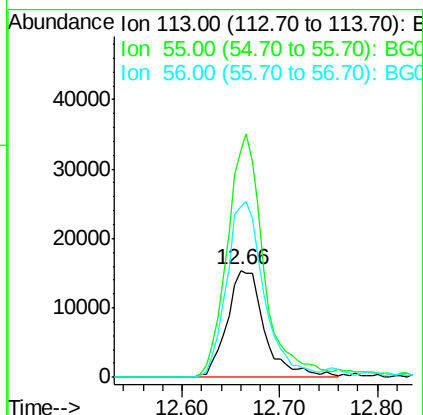
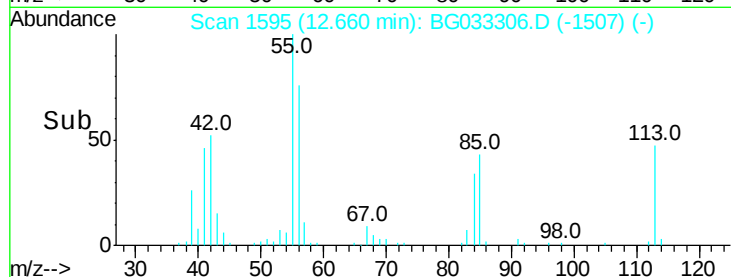
56 159.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.768 ng

RT: 12.98 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

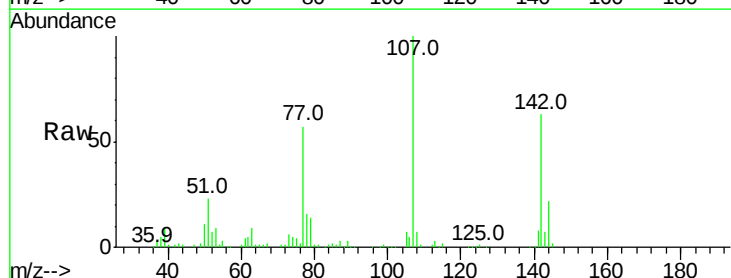
Tgt Ion:107 Resp: 158819

Ion Ratio Lower Upper

107 100

144 22.2 18.2 27.4

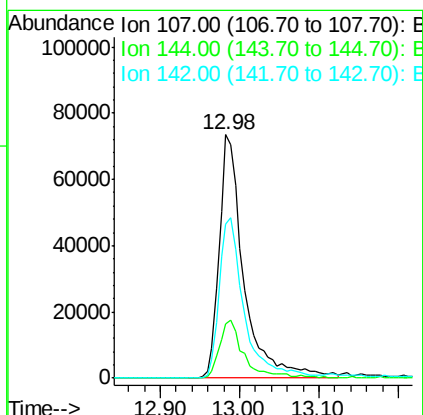
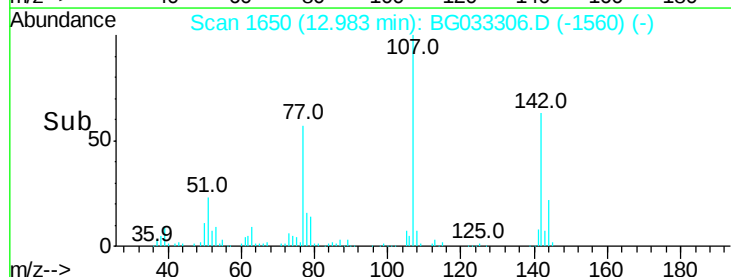
142 63.4 59.0 88.4

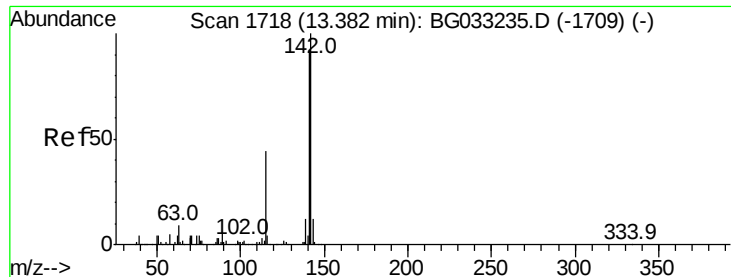


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

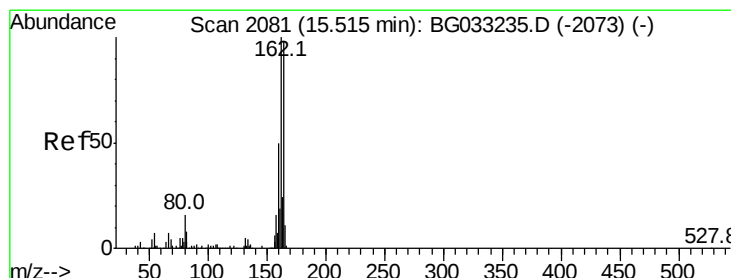
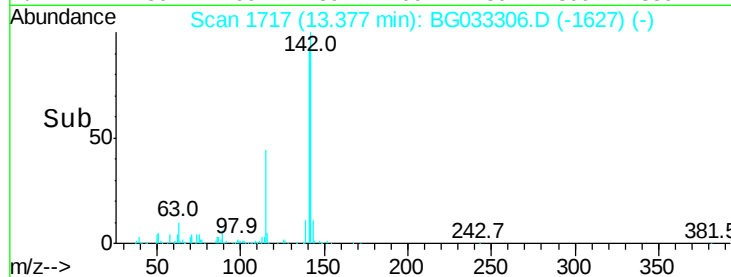
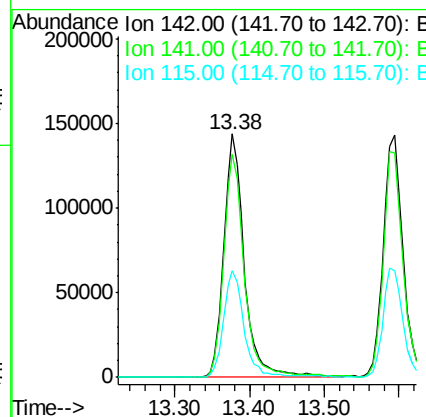
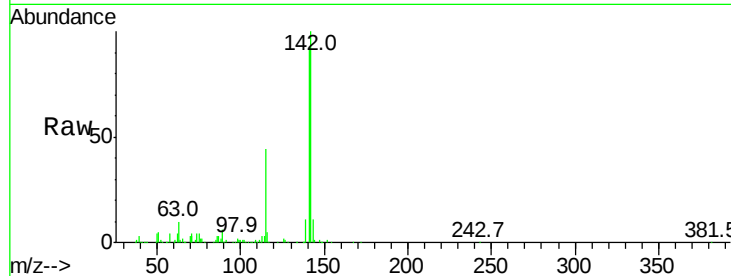




#37
2-Methylnaphthalene
Concen: 40.416 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

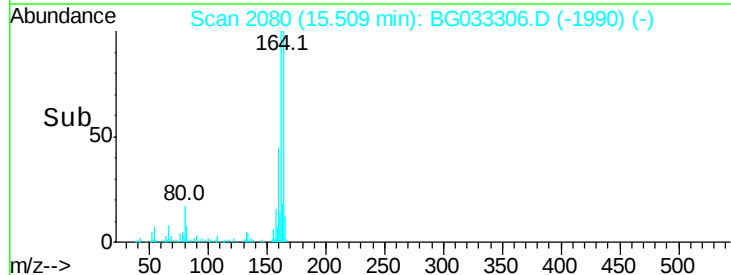
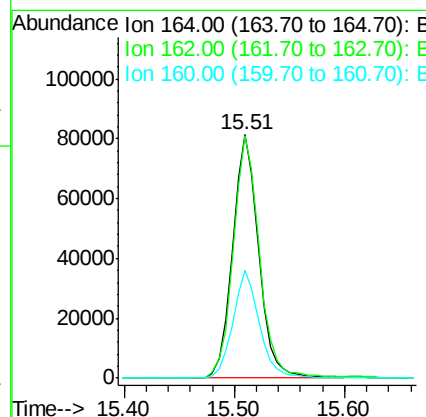
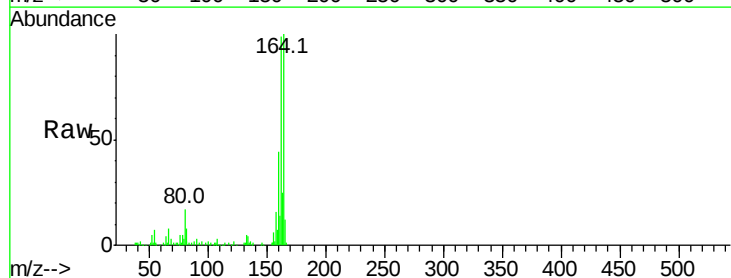
Instrument :
BNA_G
ClientSampleId :

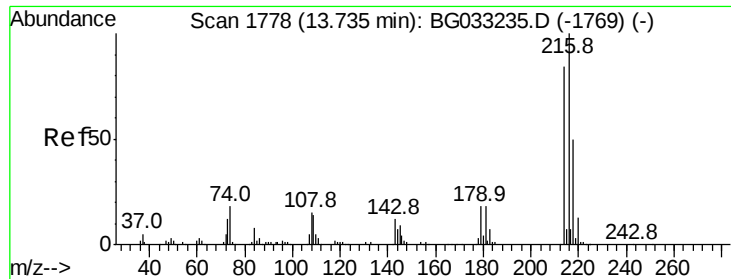
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	67.1	100.7
115	43.8	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	44.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.584 ng

RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 178449

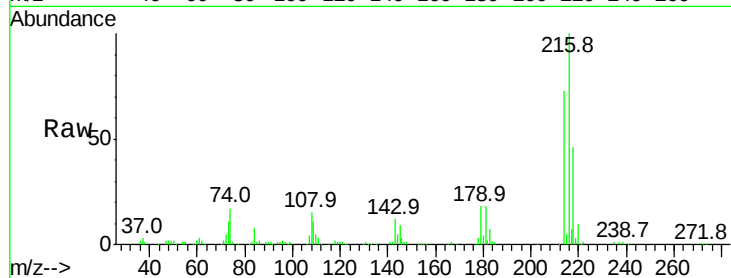
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 19.4 17.0 25.6

108 17.8 12.8 19.2

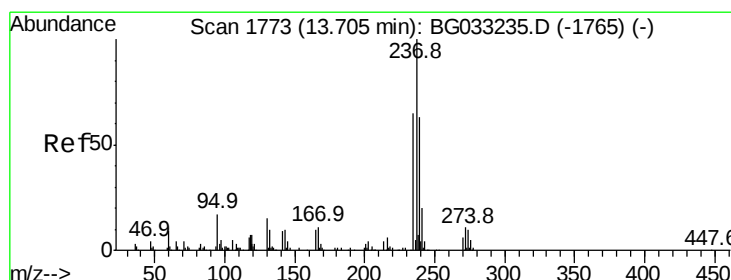
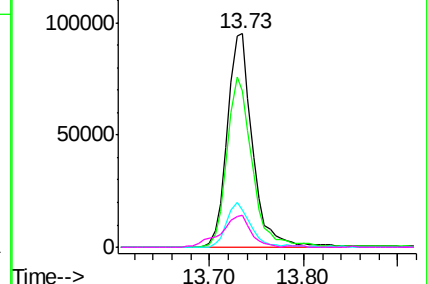
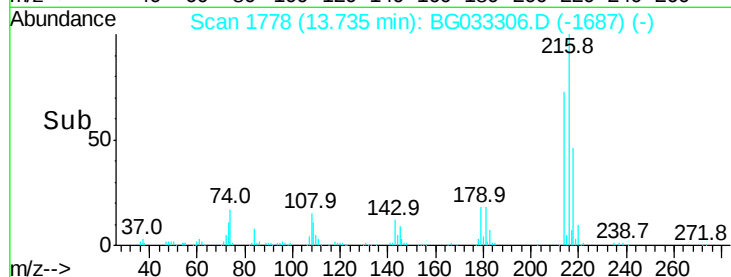


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.693 ng

RT: 13.70 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

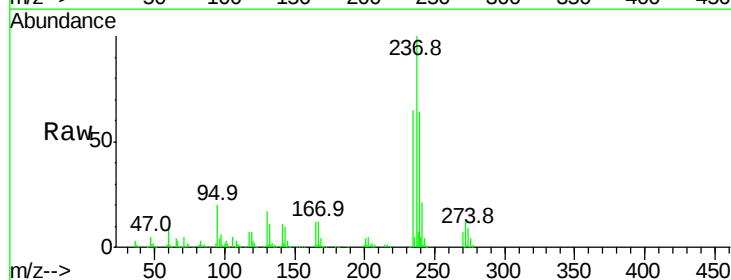
Tgt Ion:237 Resp: 233601

Ion Ratio Lower Upper

237 100

235 64.6 50.4 90.4

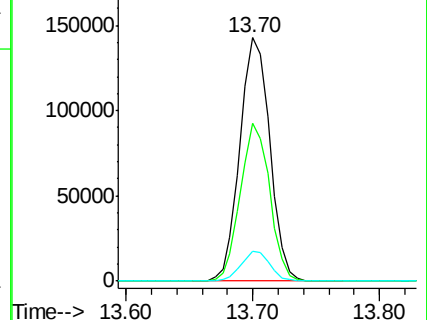
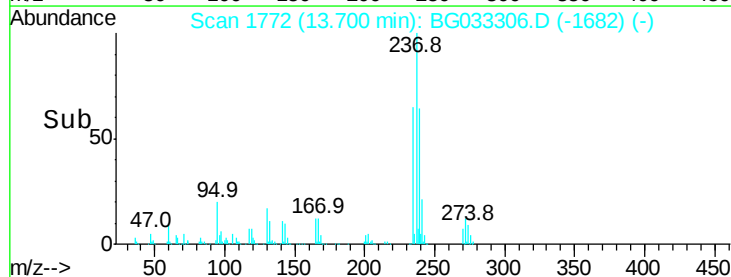
272 12.2 0.0 31.8

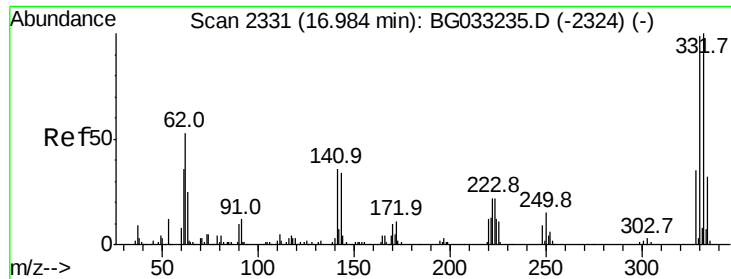


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

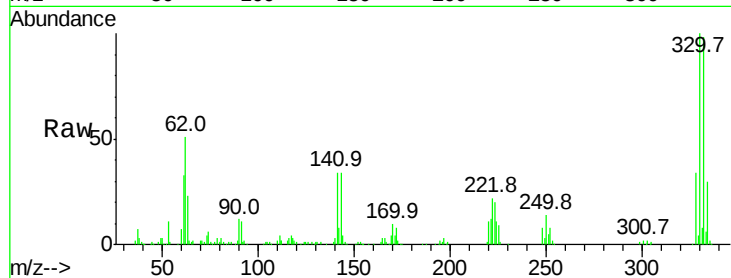




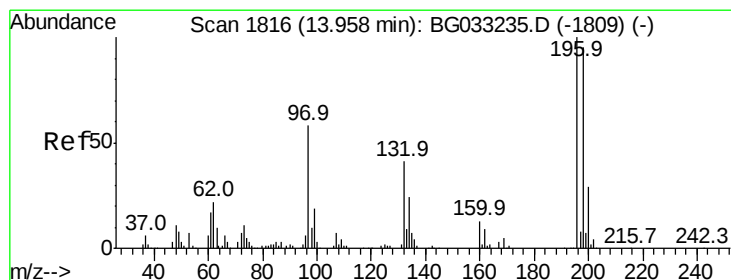
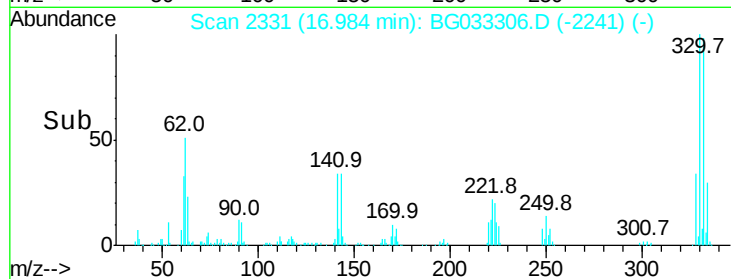
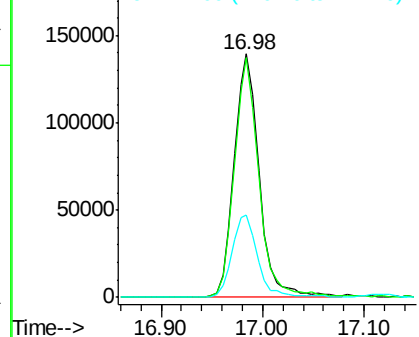
#41
 2,4,6-Tribromophenol
 Concen: 119.163 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.0	25.2	37.8

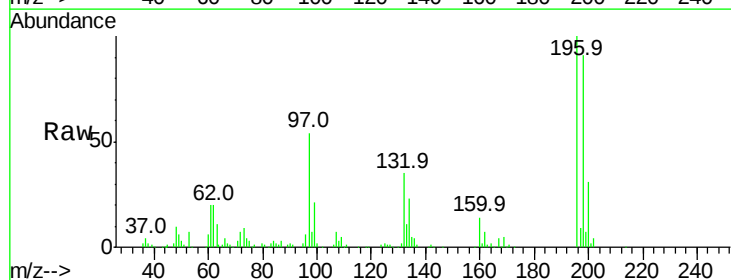


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

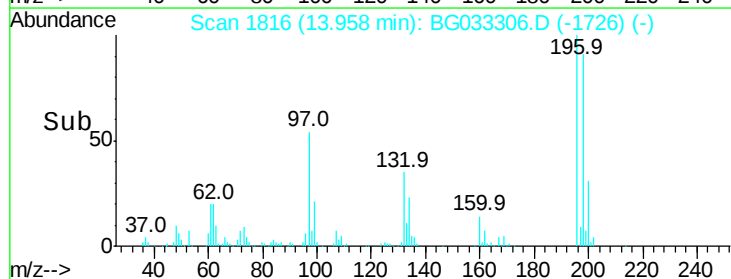
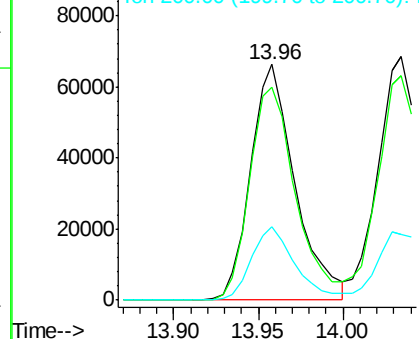


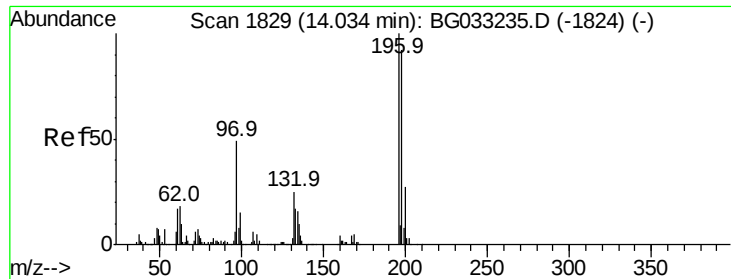
#42
 2,4,6-Trichlorophenol
 Concen: 42.826 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.7	78.2	117.2
200	31.0	24.6	36.8



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

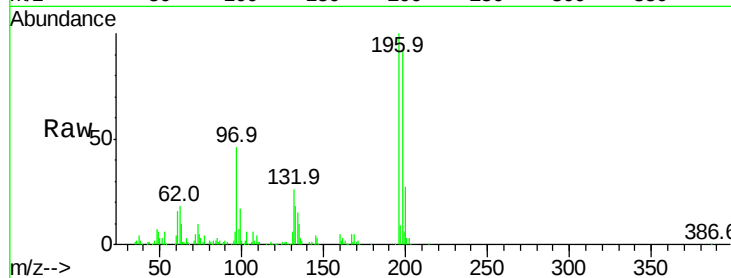




#43
2,4,5-Trichlorophenol
Concen: 42.353 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.2	114.4
97	45.7	38.7	58.1
132	25.7	20.2	30.2



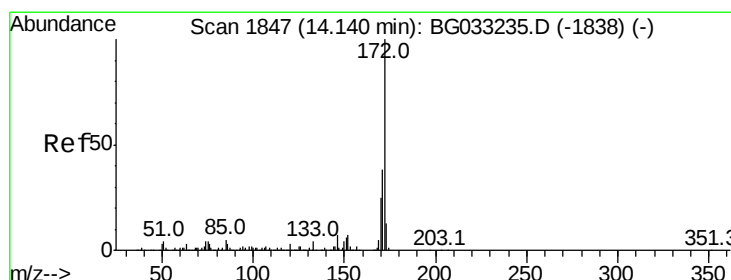
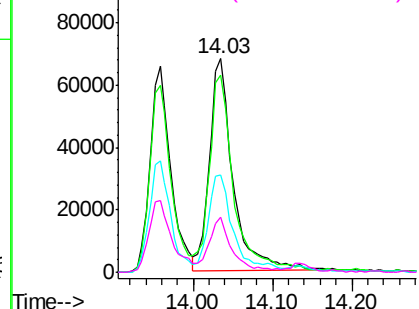
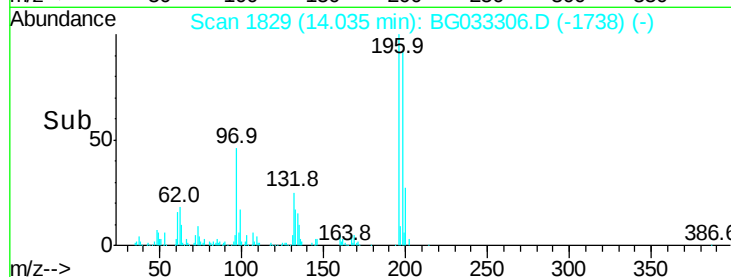
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

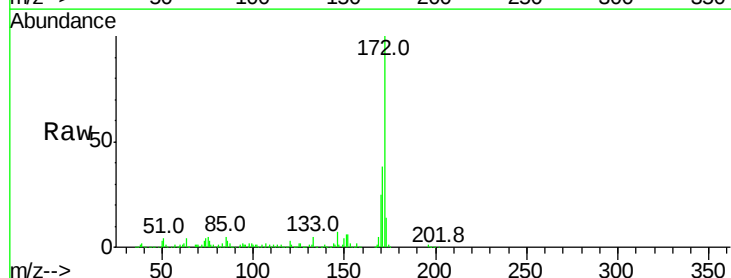
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 81.230 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.4	19.5	29.3

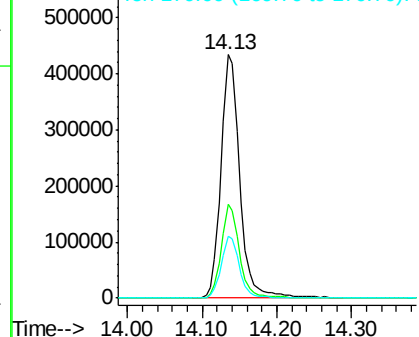
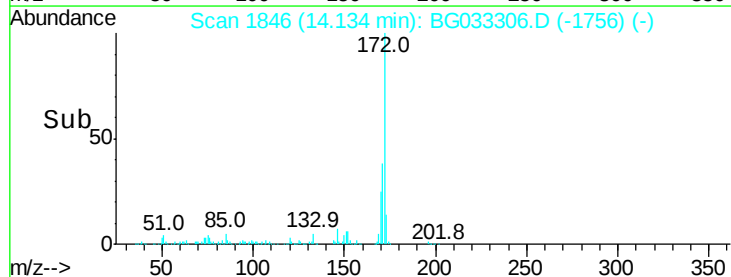


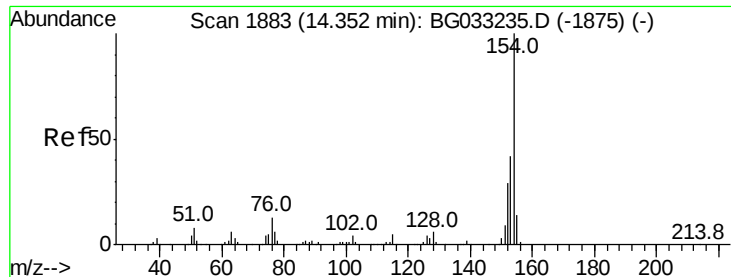
Abundance

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: 37.634 ng

RT: 14.35 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampled :

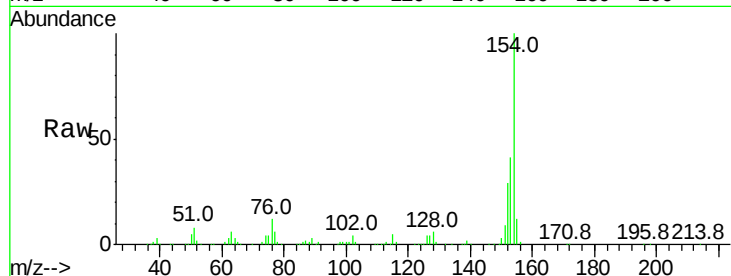
Tot Ion:154 Resp: 389350

Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.8	59.8
76	12.2	0.0	31.9

154 100

153 41.2 19.8 59.8

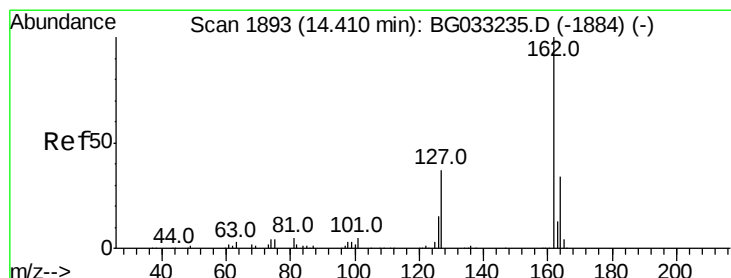
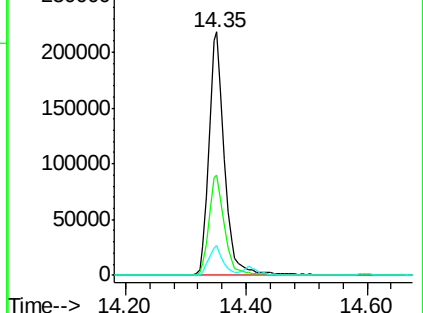
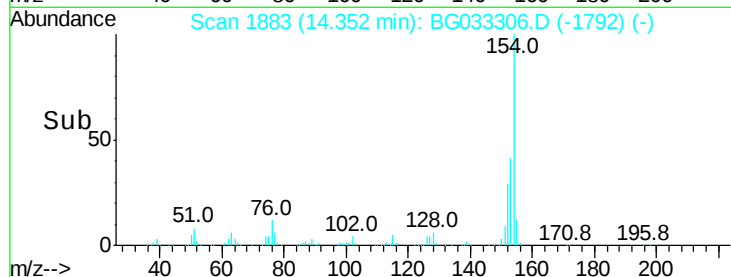
76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.069 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

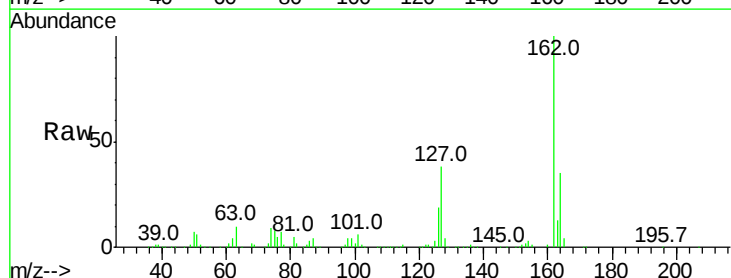
Tgt Ion:162 Resp: 303679

Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.7	46.1
164	34.5	26.0	39.0

162 100

127 38.3 30.7 46.1

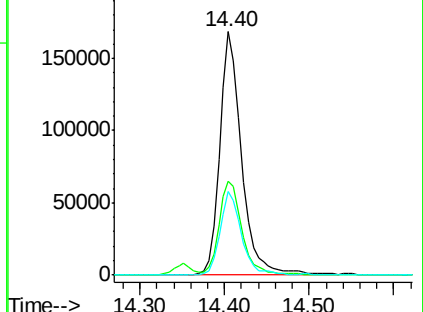
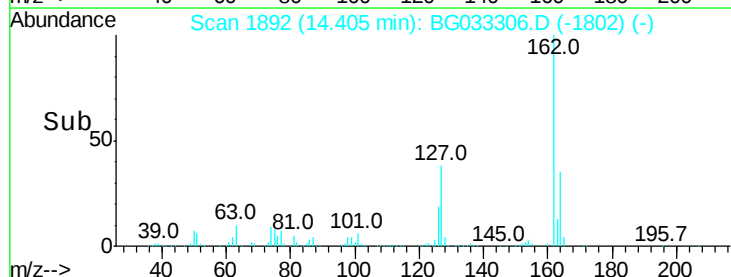
164 34.5 26.0 39.0

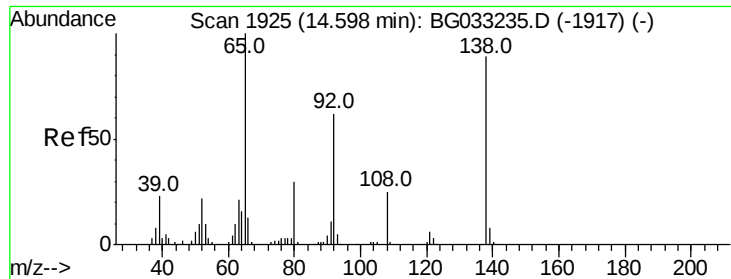


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

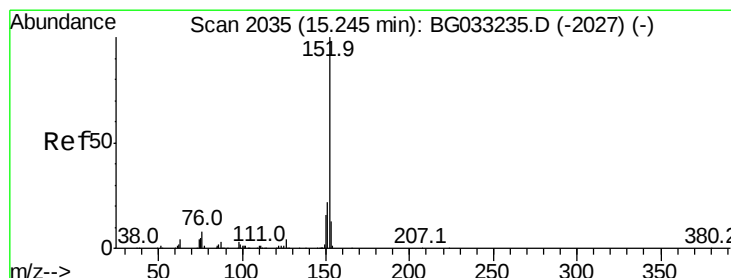
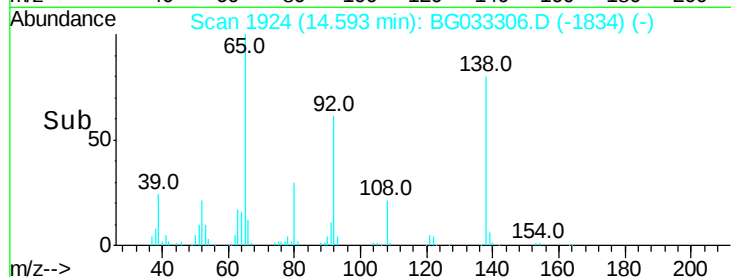
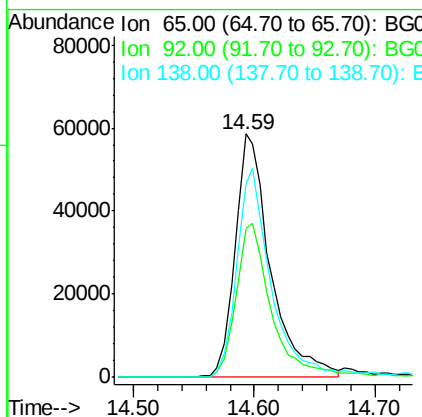
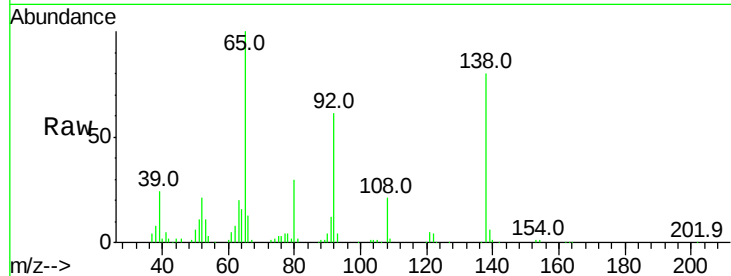




#47
2-Nitroaniline
Concen: 39.933 ng
RT: 14.59 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

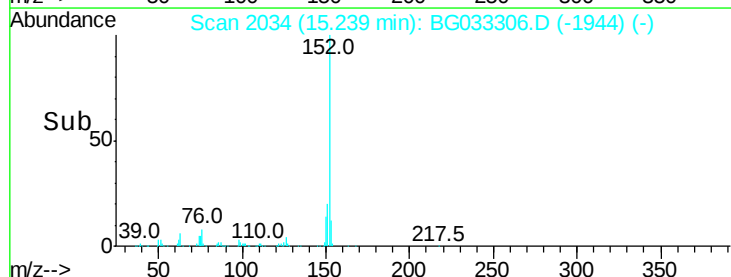
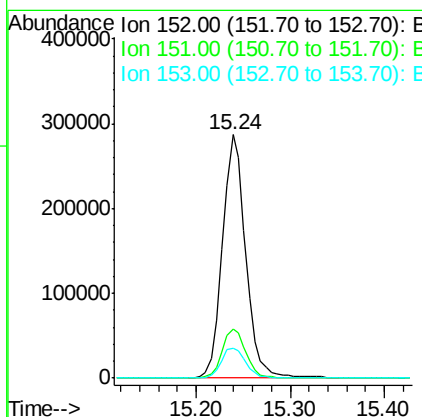
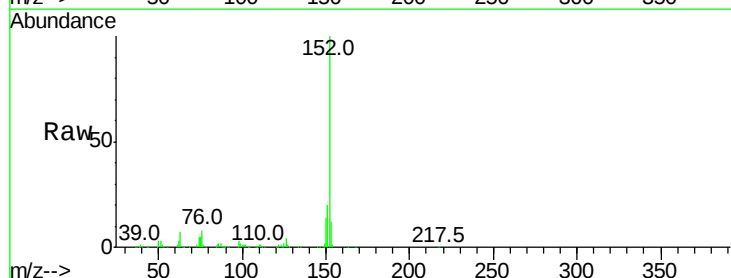
Instrument :
BNA_G
ClientSampleId :

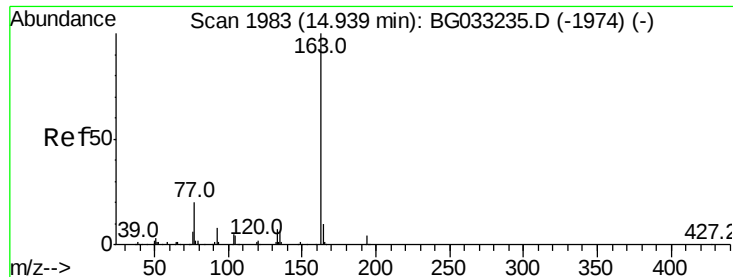
Tot Ion: 65 Resp: 119313
Ion Ratio Lower Upper
65 100
92 61.1 54.6 82.0
138 79.7 72.9 109.3



#48
Acenaphthylene
Concen: 36.991 ng
RT: 15.24 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion: 152 Resp: 492549
Ion Ratio Lower Upper
152 100
151 20.3 17.2 25.8
153 12.1 10.2 15.4

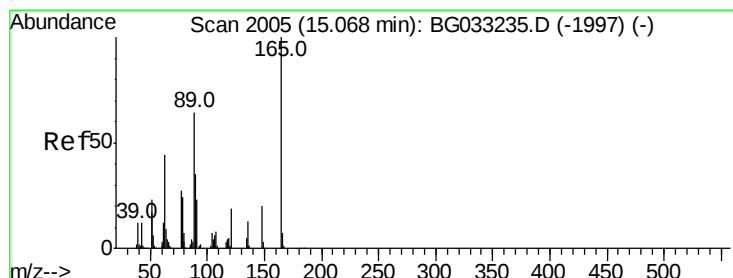
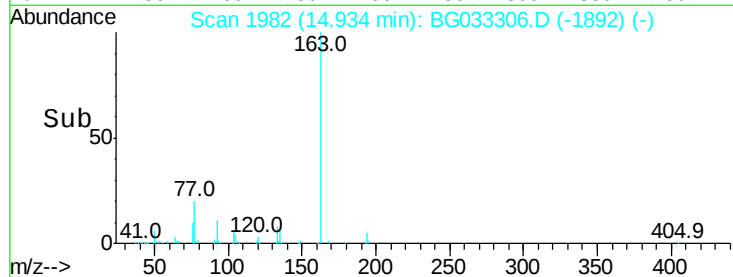
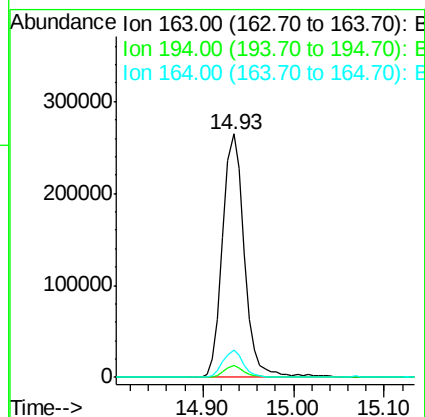
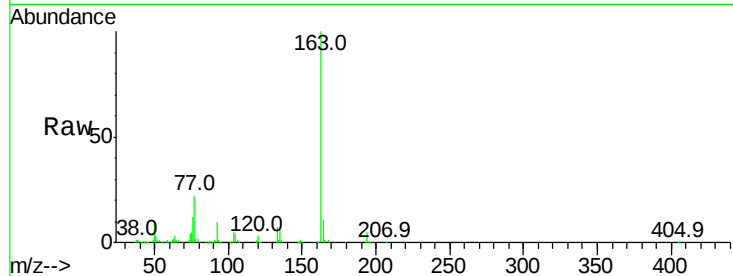




#49
Dimethylphthalate
Concen: 37.716 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

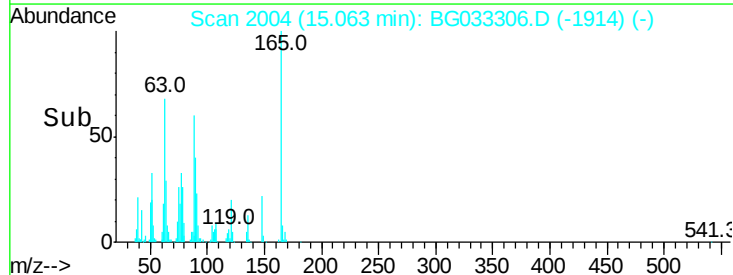
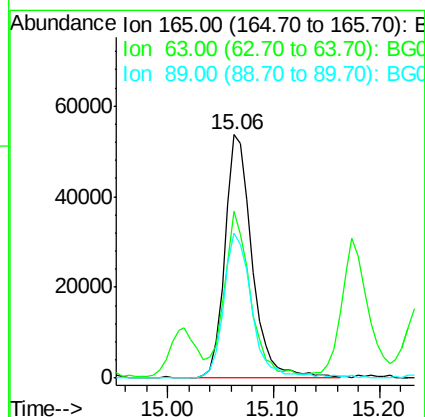
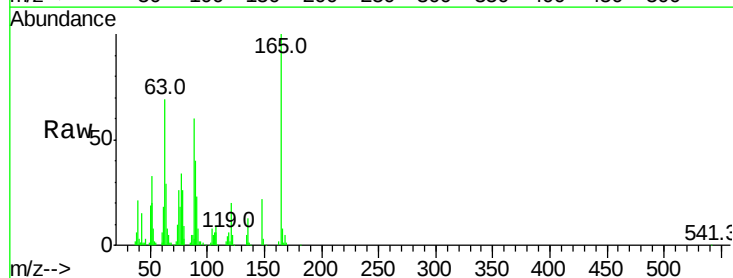
Instrument :
BNA_G
ClientSampleId :

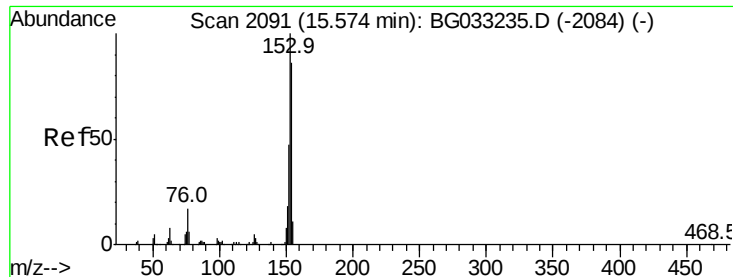
Tot Ion:163 Resp: 442001
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 11.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 40.089 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:165 Resp: 96064
Ion Ratio Lower Upper
165 100
63 68.6 52.7 79.1
89 59.7 49.2 73.8





#51

Acenaphthene

Concen: 34.508 ng

RT: 15.57 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

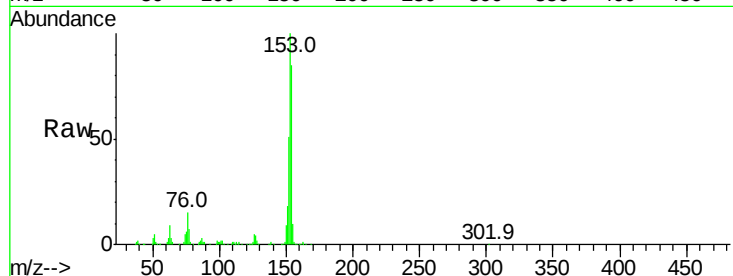
Tot Ion:154 Resp: 296206

Ion Ratio Lower Upper

154 100

153 117.7 90.4 135.6

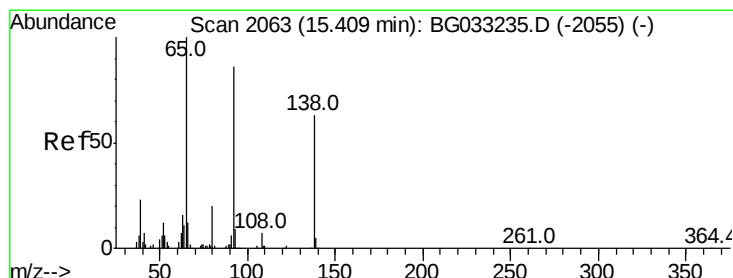
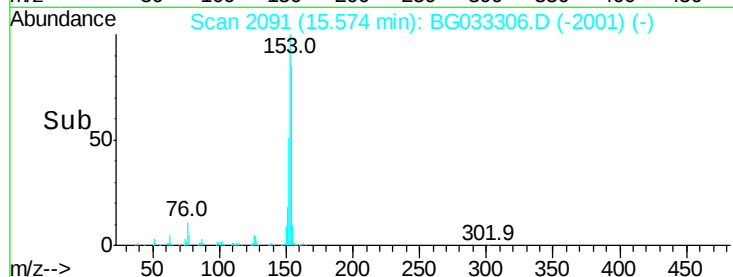
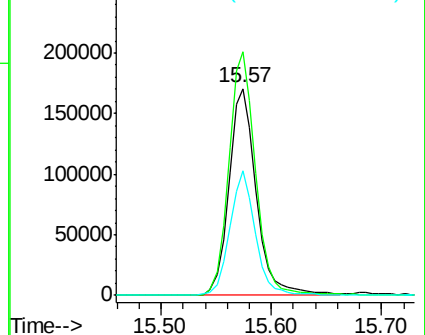
152 60.1 41.6 62.4



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: 18.898 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

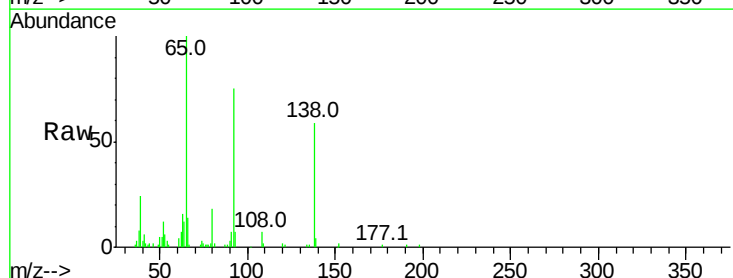
Tgt Ion:138 Resp: 47476

Ion Ratio Lower Upper

138 100

108 12.5 17.5 26.3#

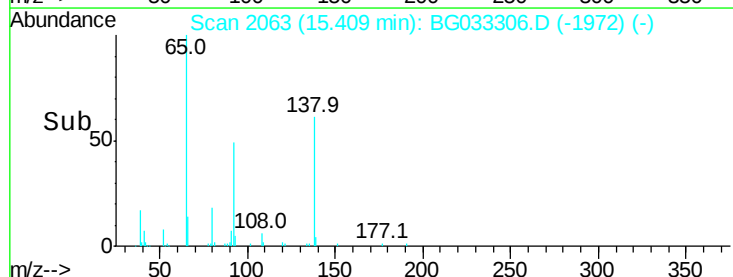
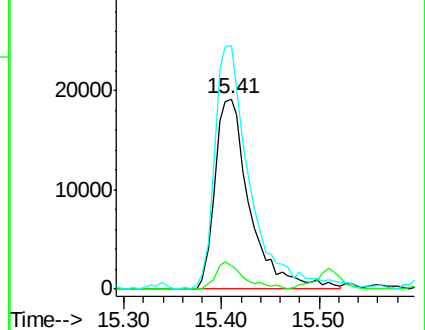
92 128.0 105.8 158.8

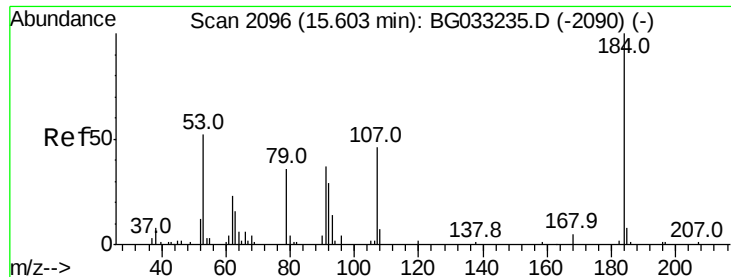


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

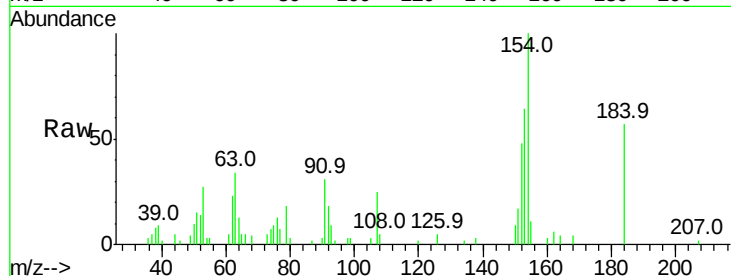




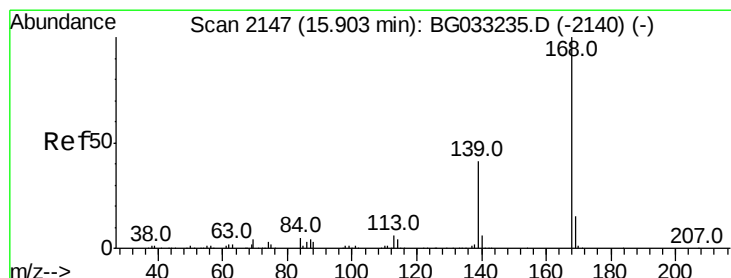
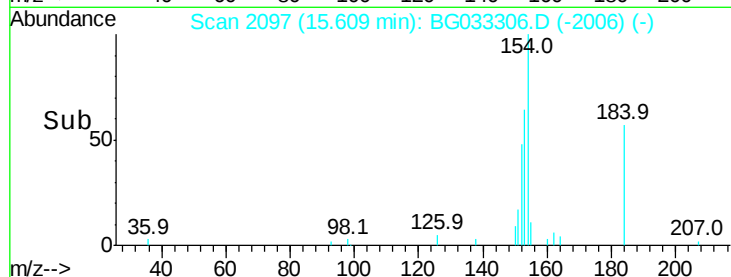
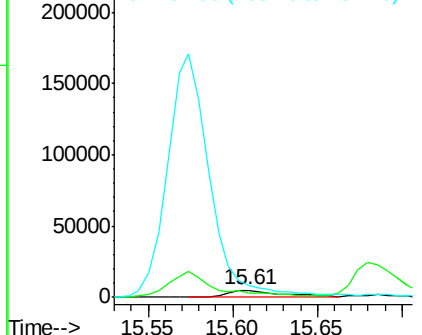
#53
2,4-Dinitrophenol
Concen: 15.987 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 11448
Ion Ratio Lower Upper
184 100
63 59.5 59.8 89.8#
154 176.3 101.8 152.8#

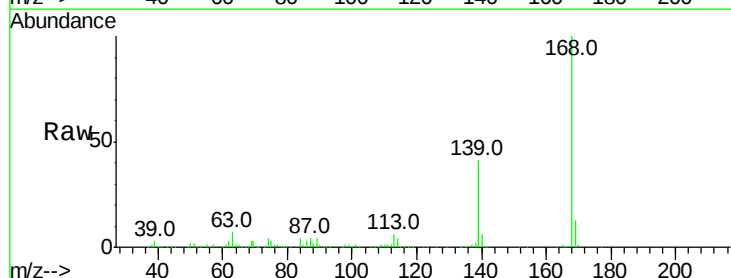


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

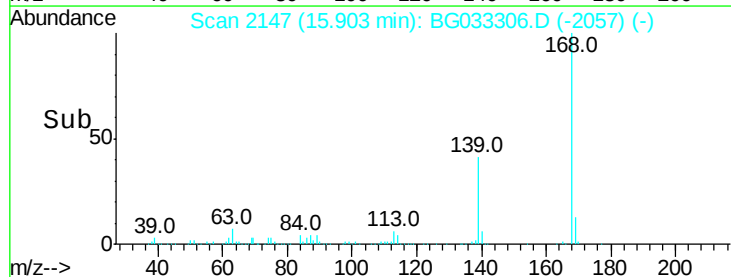
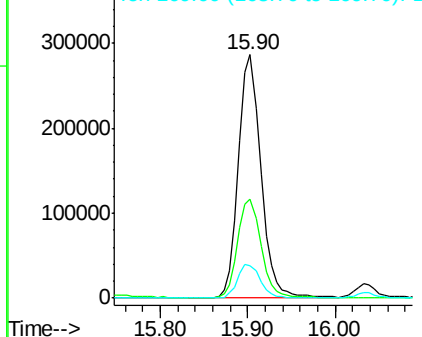


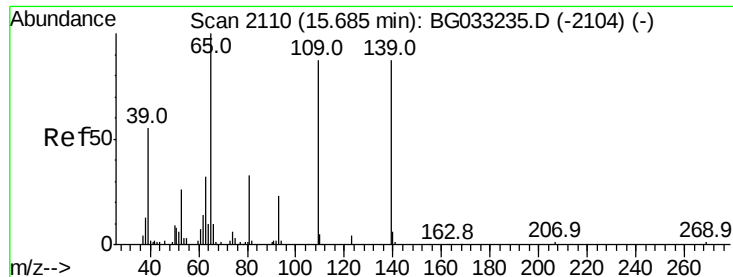
#54
Dibenzofuran
Concen: 39.336 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:168 Resp: 498748
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 13.4 11.2 16.8



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

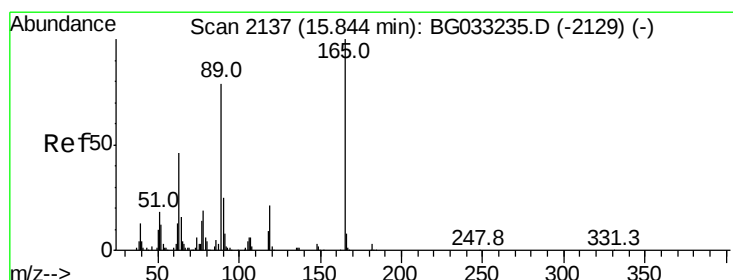
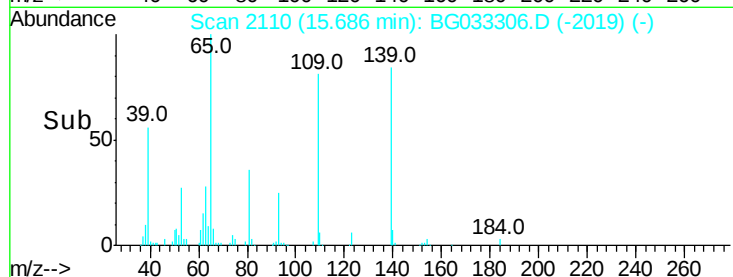
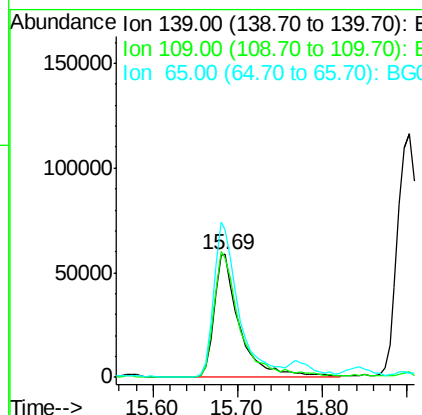
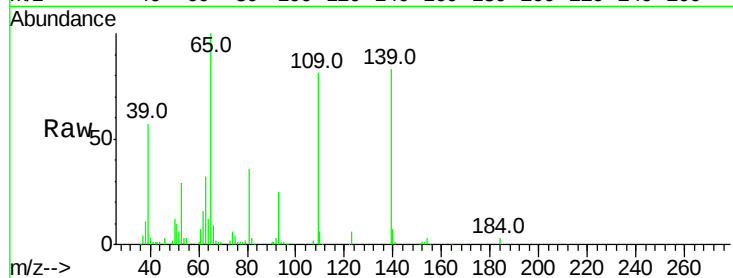




#55
4-Nitrophenol
Concen: 71.129 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

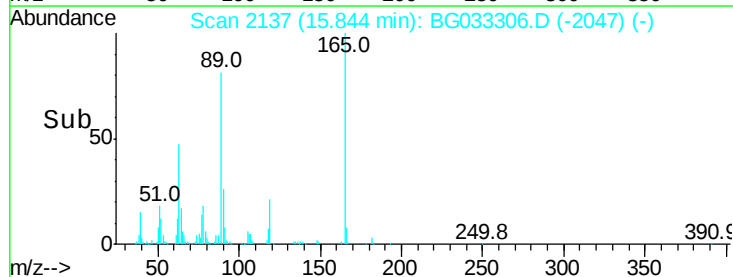
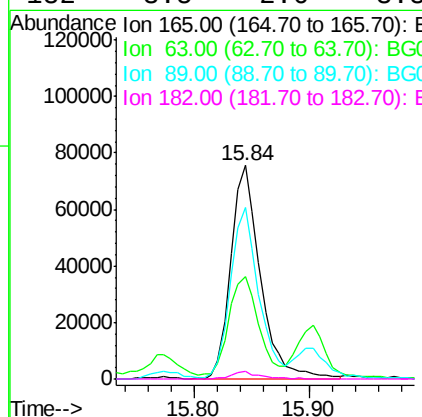
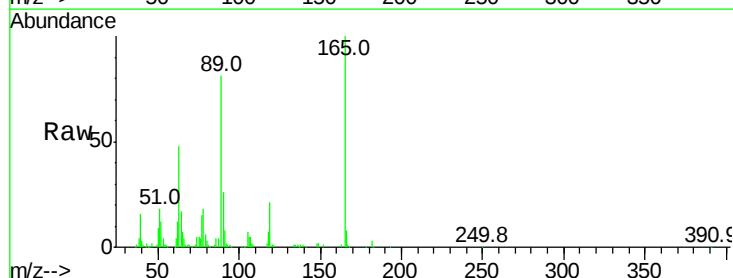
Instrument :
BNA_G
ClientSampleId :

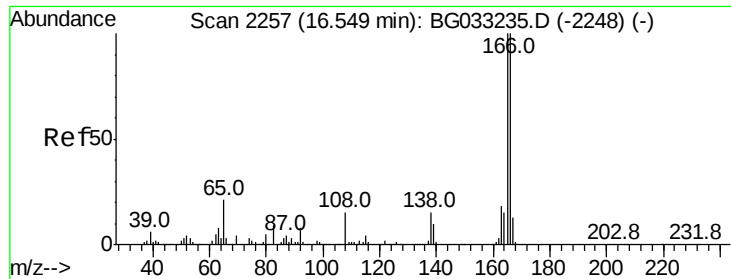
Tot Ion:139 Resp: 125652
Ion Ratio Lower Upper
139 100
109 97.3 62.2 102.2
65 120.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 38.245 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:165 Resp: 134936
Ion Ratio Lower Upper
165 100
63 47.9 42.0 63.0
89 80.5 66.9 100.3
182 3.5 2.6 3.8

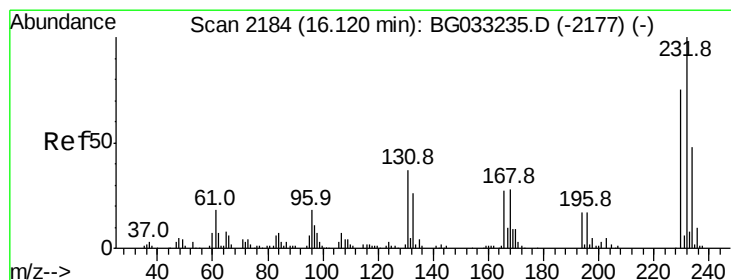
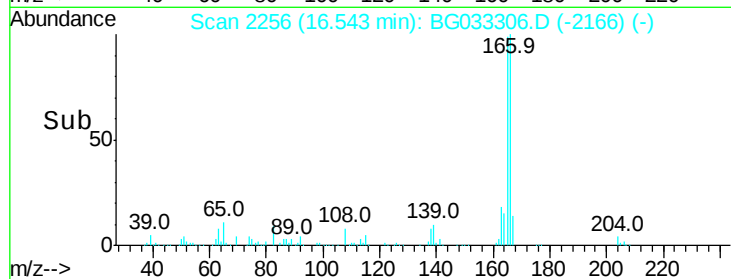
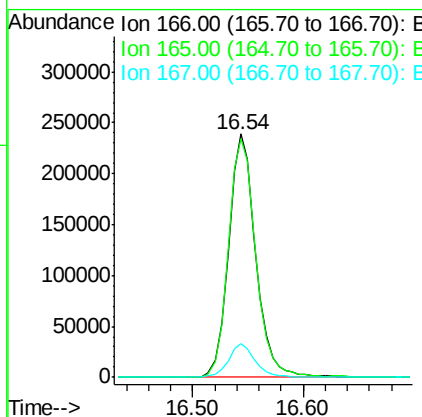
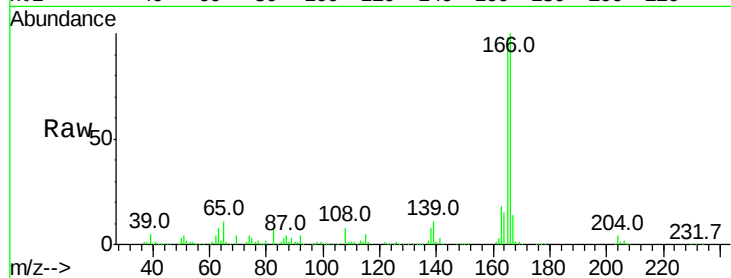




#57
 Fluorene
 Concen: 37.899 ng
 RT: 16.54 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

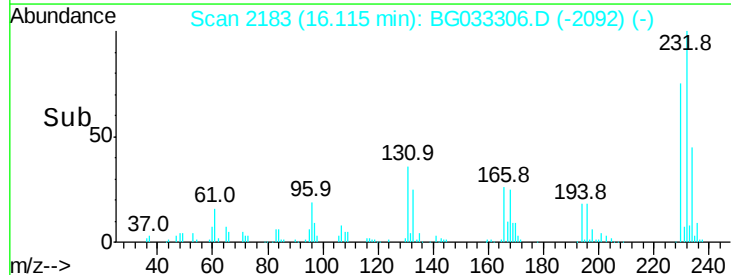
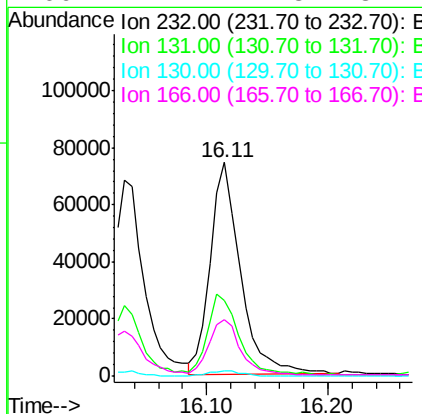
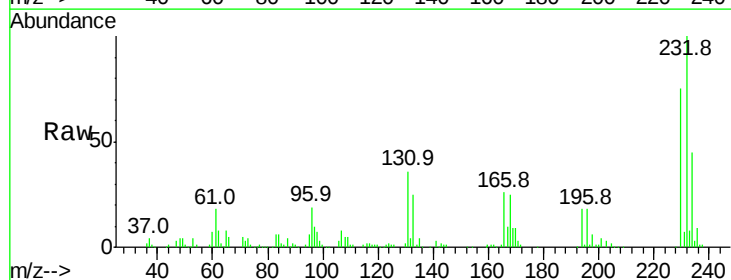
Instrument :
 BNA_G
 ClientSampleId :

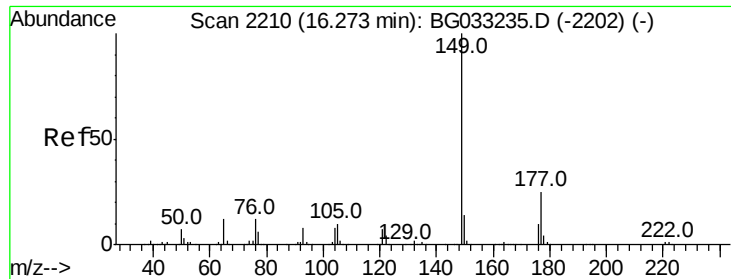
Tot Ion:166 Resp: 409367
 Ion Ratio Lower Upper
 166 100
 165 98.2 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.635 ng
 RT: 16.11 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion:232 Resp: 128146
 Ion Ratio Lower Upper
 232 100
 131 39.7 33.5 50.3
 130 2.5 2.2 3.2
 166 27.1 24.8 37.2

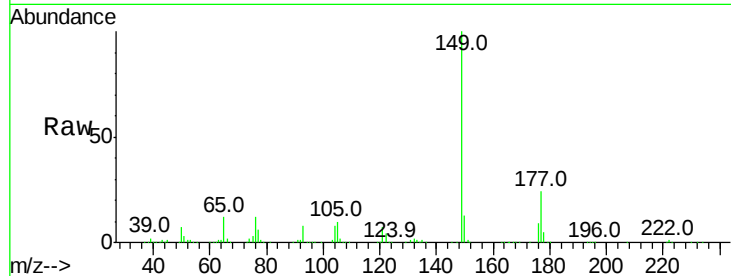




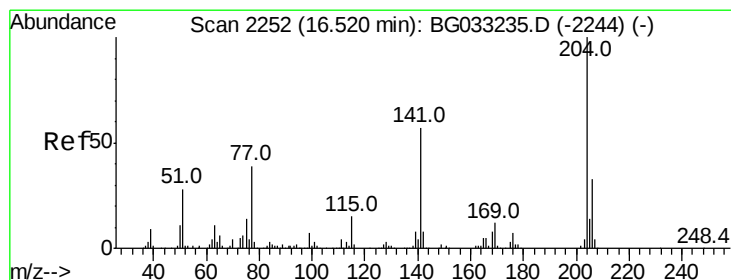
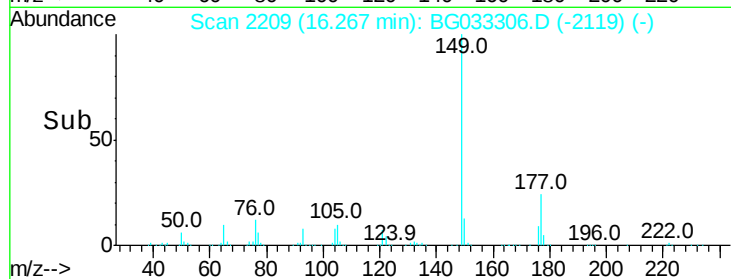
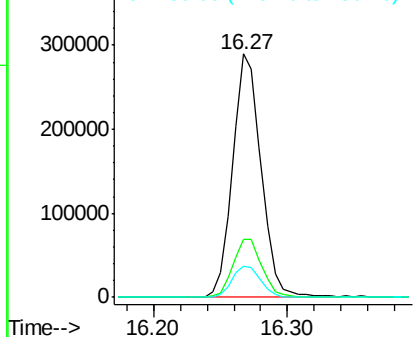
#59
Diethylphthalate
Concen: 37.745 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 429522
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 12.7 10.2 15.2

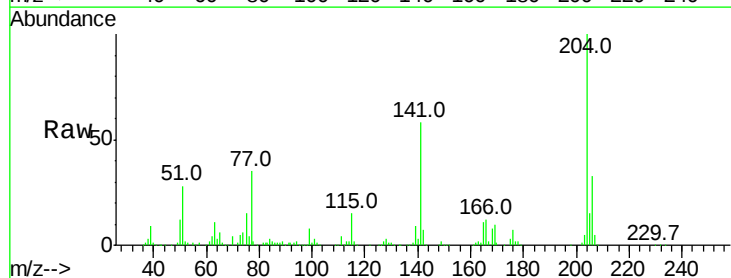


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

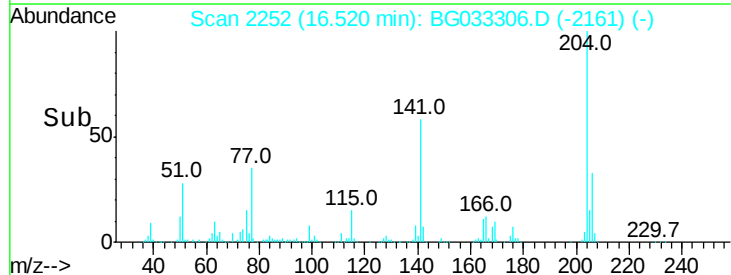
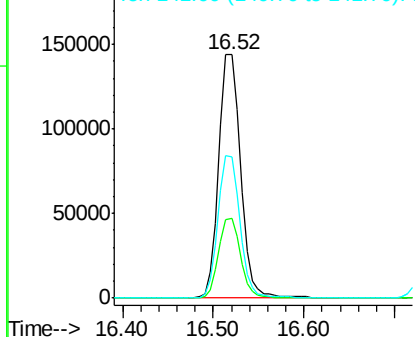


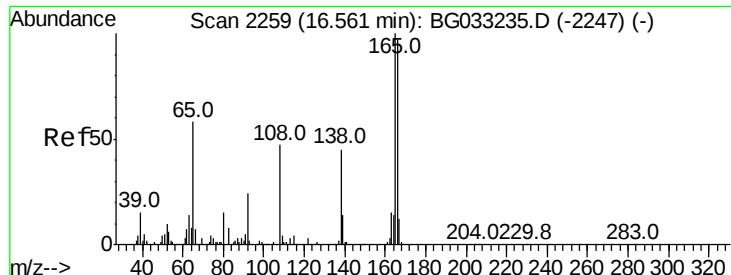
#60
4-Chlorophenyl-phenylether
Concen: 38.815 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion:204 Resp: 241014
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 58.0 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

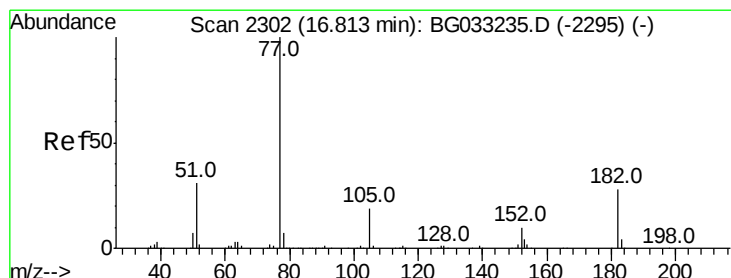
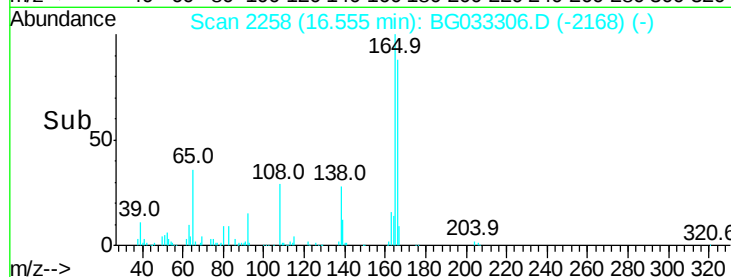
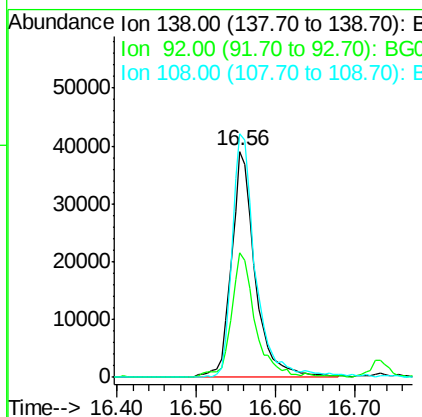
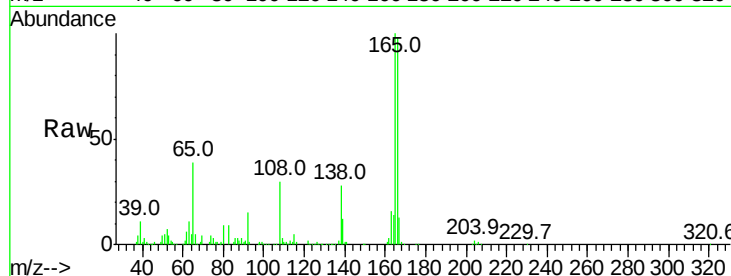




#61
4-Nitroaniline
Concen: 31.778 ng
RT: 16.56 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

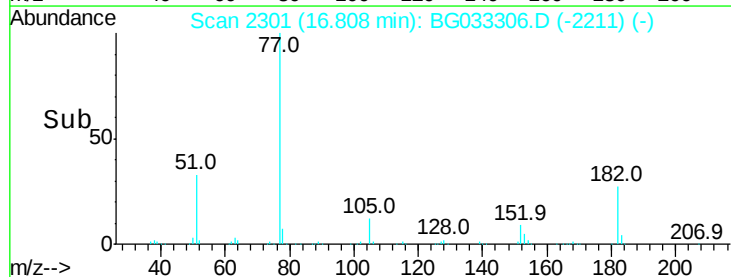
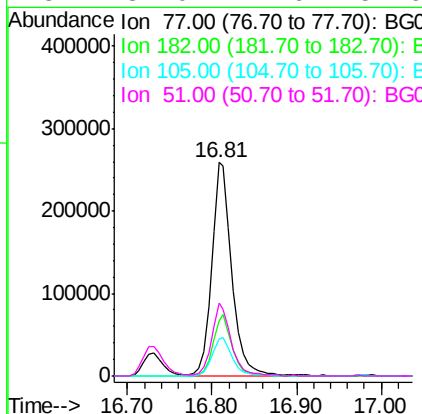
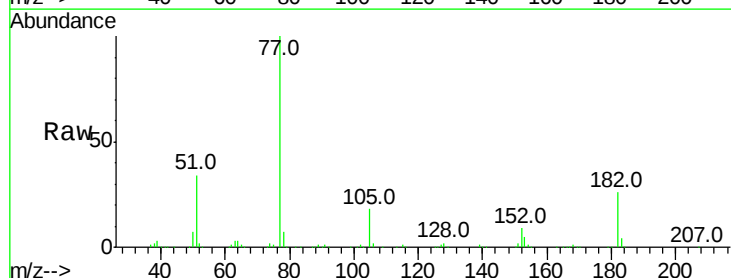
Instrument :
BNA_G
ClientSampled :

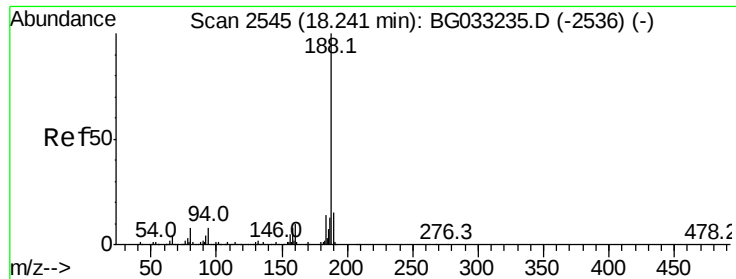
Tot Ion:138 Resp: 80846
Ion Ratio Lower Upper
138 100
92 54.9 40.1 80.1
108 107.6 65.4 105.4#



#62
Azobenzene
Concen: 39.115 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG033306.D
Acq: 22 Mar 2018 22:21

Tgt Ion: 77 Resp: 431186
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 17.7 0.3 40.3
51 34.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

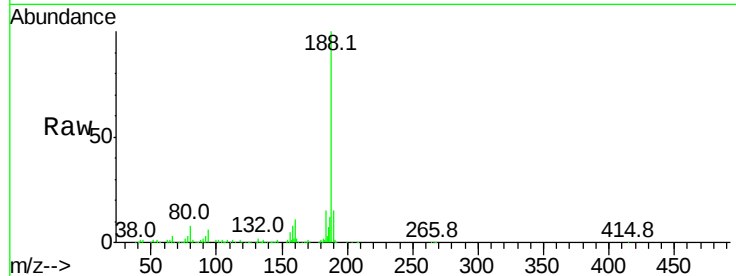
Tot Ion:188 Resp: 337727

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

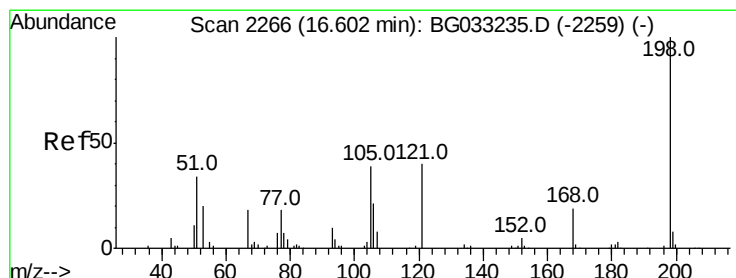
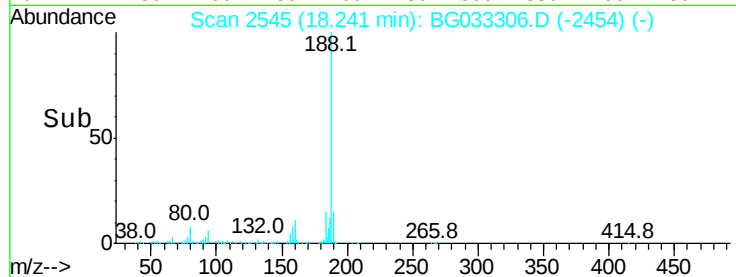
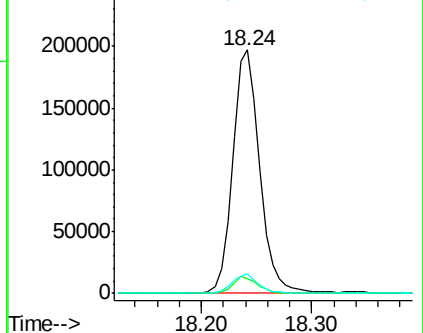
80 7.8 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 10.861 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

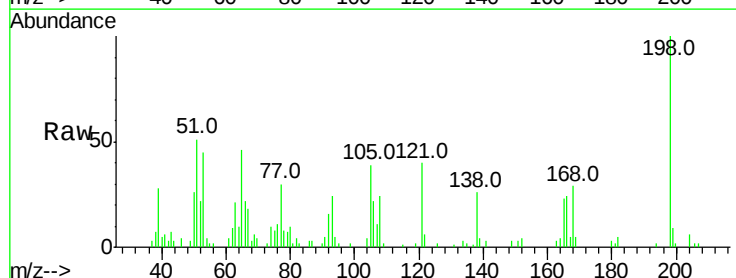
Tgt Ion:198 Resp: 21944

Ion Ratio Lower Upper

198 100

51 51.4 30.6 70.6

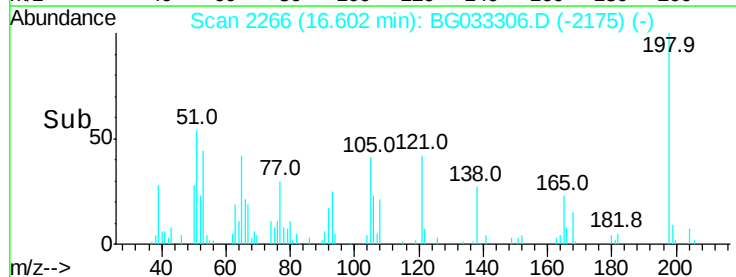
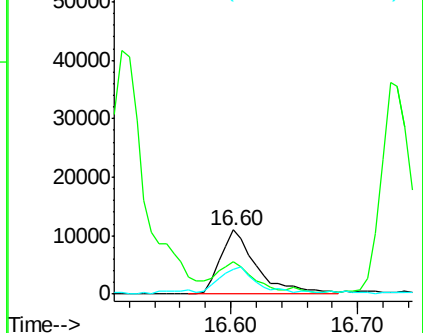
105 39.0 23.8 63.8

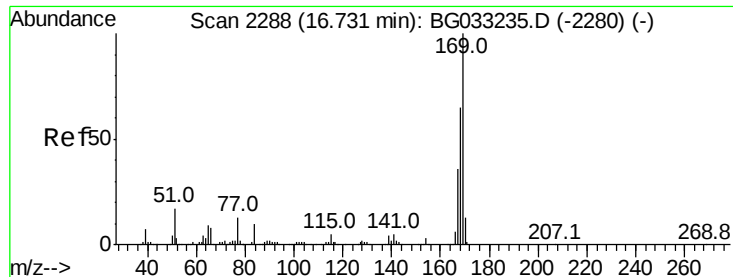


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.926 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

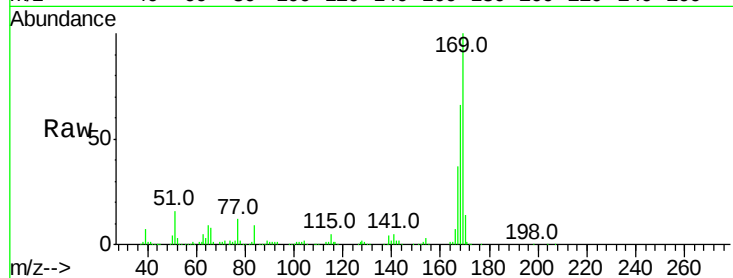
Tot Ion:169 Resp: 375310

Ion Ratio Lower Upper

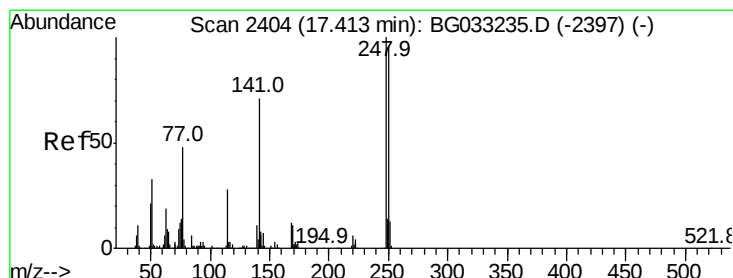
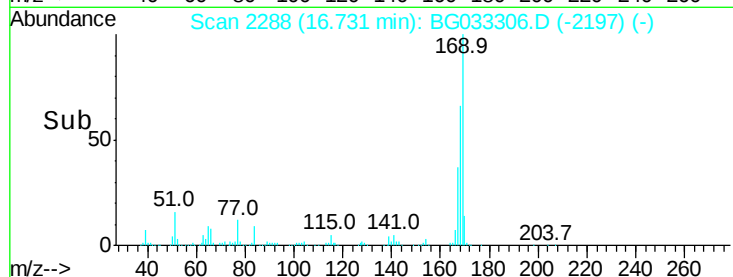
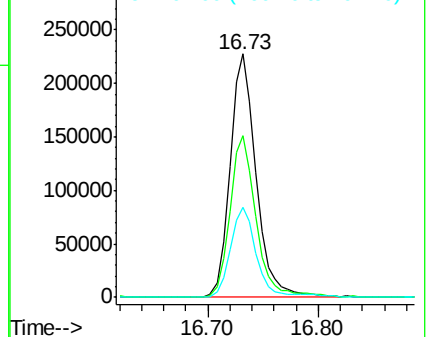
169 100

168 66.4 55.7 83.5

167 36.9 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: 40.552 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

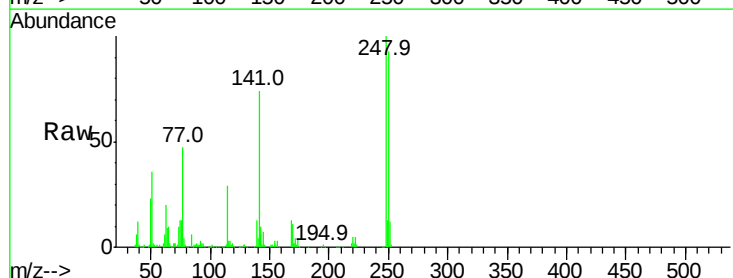
Tgt Ion:248 Resp: 160842

Ion Ratio Lower Upper

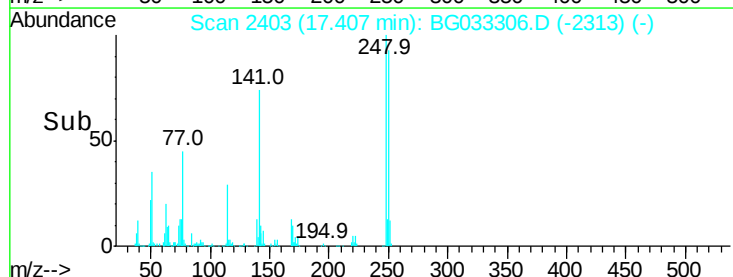
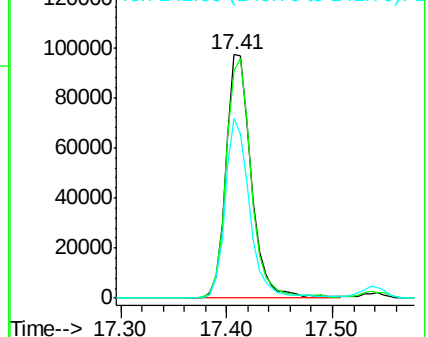
248 100

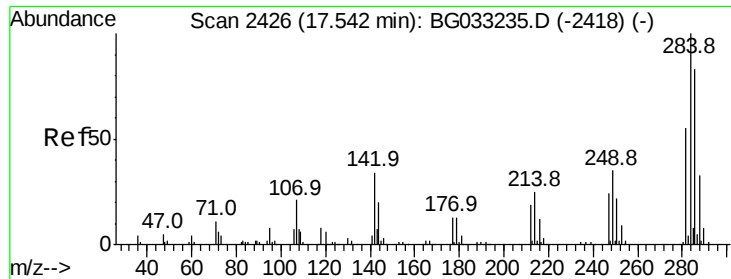
250 93.3 77.1 115.7

141 73.8 50.8 76.2



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





#67

Hexachlorobenzene

Concen: 38.056 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

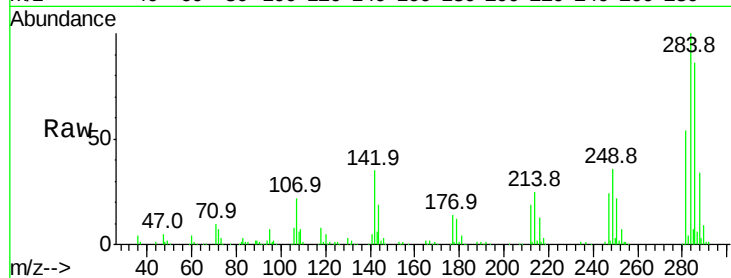
Tot Ion:284 Resp: 159300

Ion Ratio Lower Upper

284 100

142 34.8 26.8 40.2

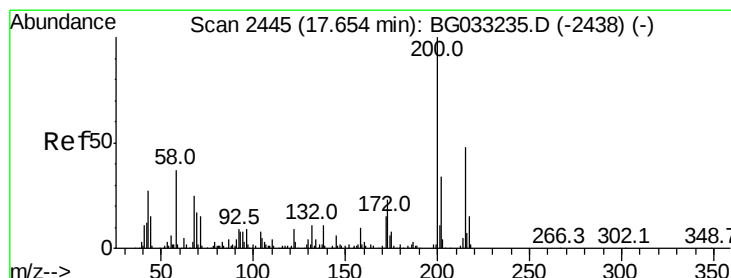
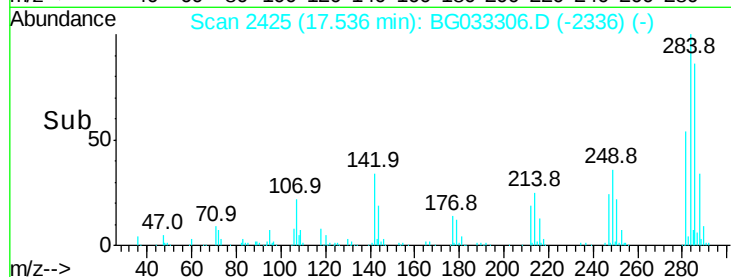
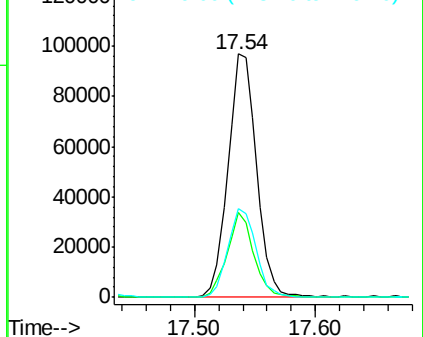
249 36.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.075 ng

RT: 17.65 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

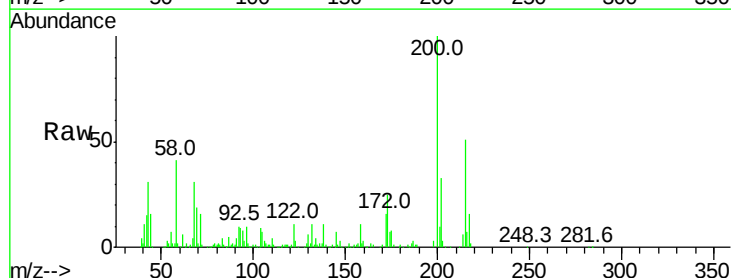
Tgt Ion:200 Resp: 152664

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

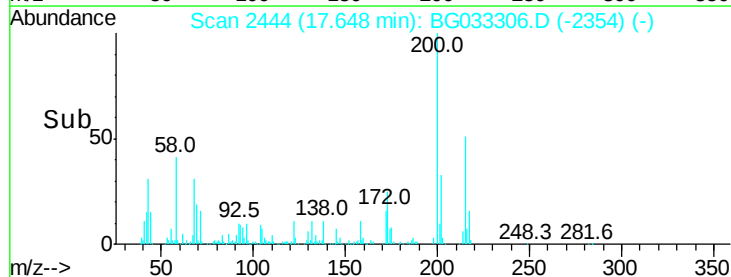
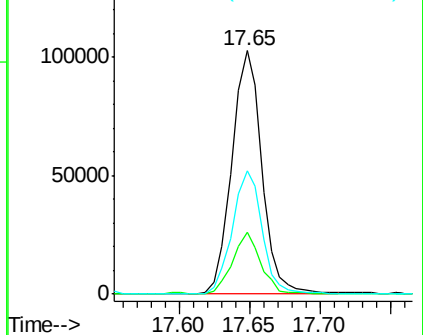
215 50.7 30.4 70.4

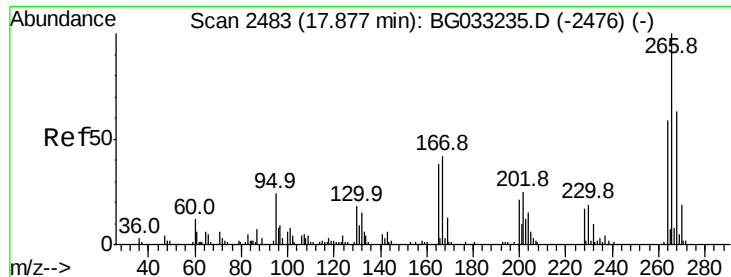


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

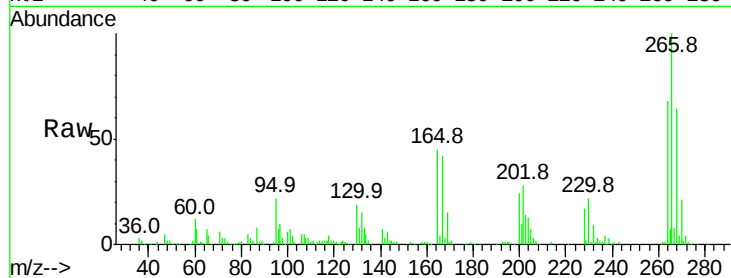




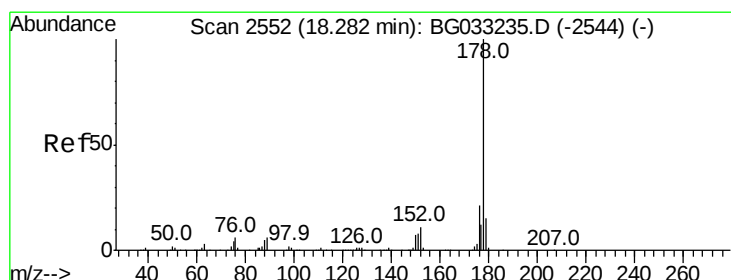
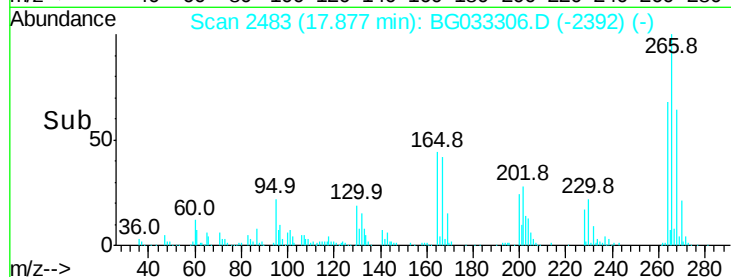
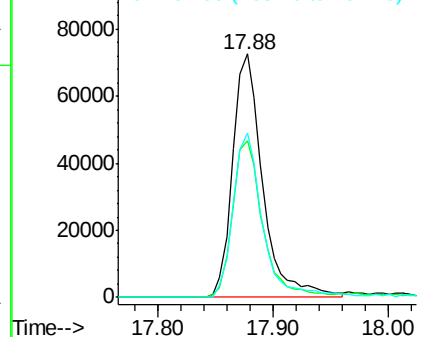
#69
 Pentachlorophenol
 Concen: 45.803 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	67.5	49.6	74.4

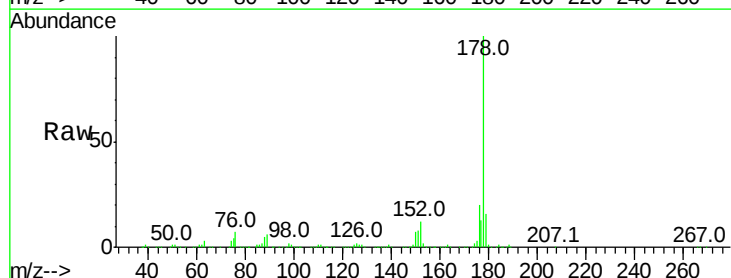


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

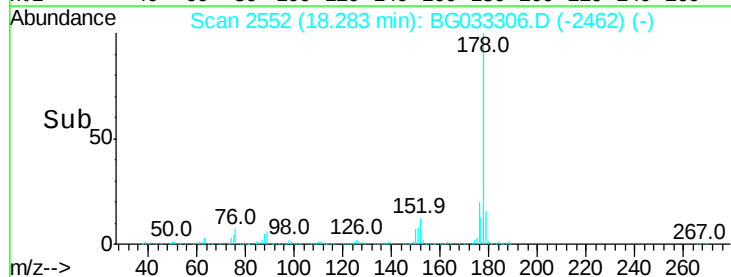
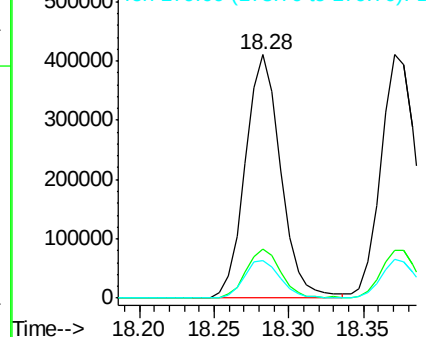


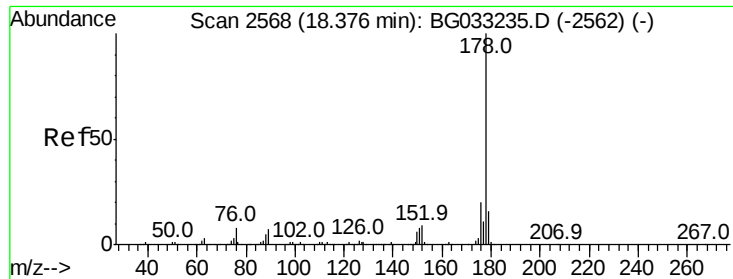
#70
 Phenanthrene
 Concen: 38.392 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.7	12.5	18.7



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

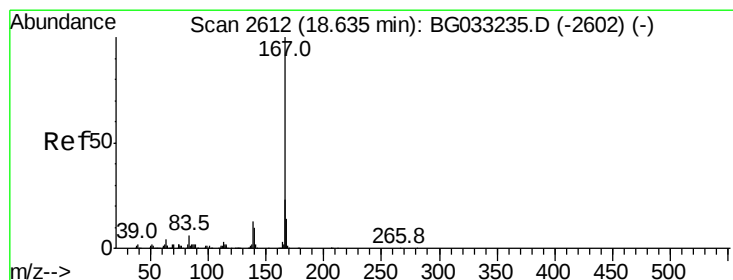
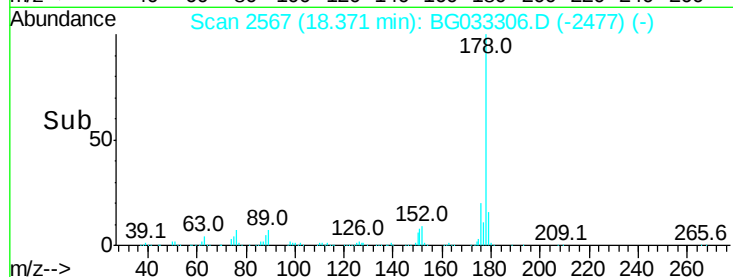
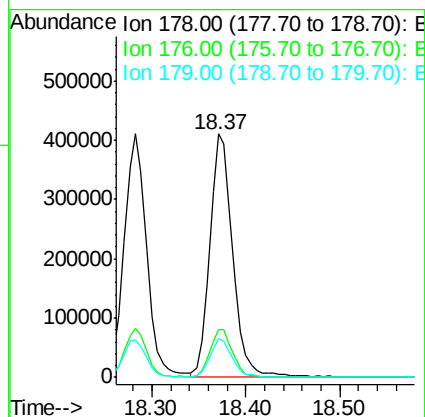
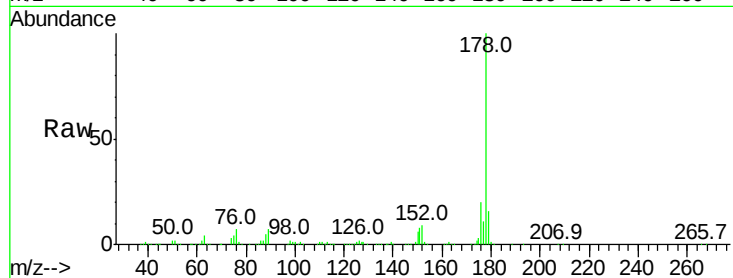




#71
 Anthracene
 Concen: 39.217 ng
 RT: 18.37 min Scan# 2567
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

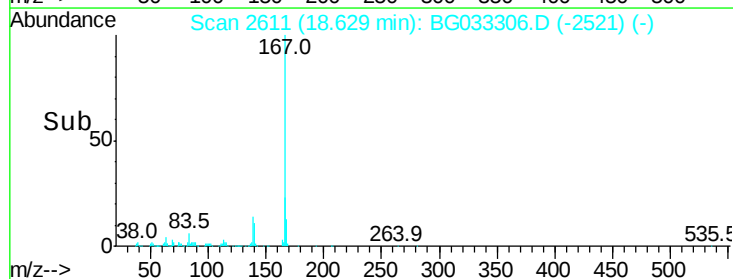
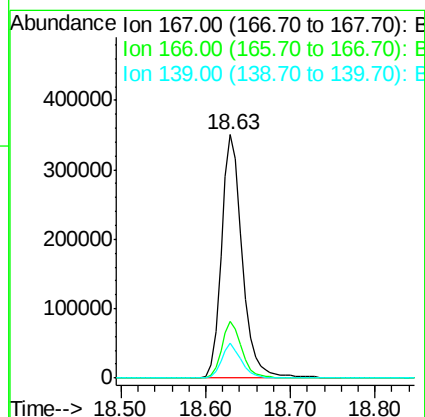
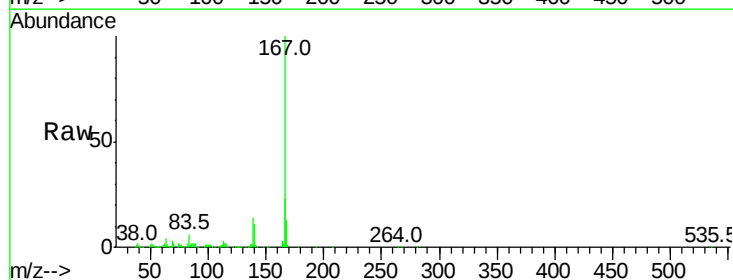
Instrument :
 BNA_G
 ClientSampleId :

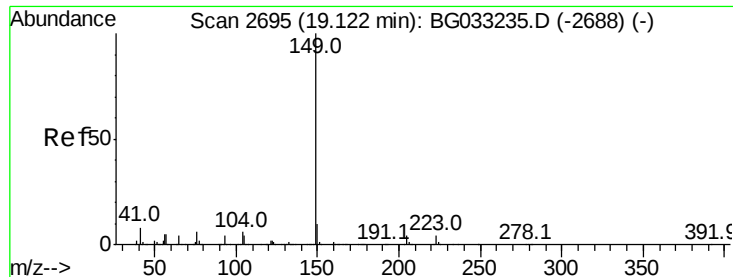
Tot Ion:178 Resp: 698414
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 38.093 ng
 RT: 18.63 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion:167 Resp: 601155
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 14.2 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 38.580 ng

RT: 19.12 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

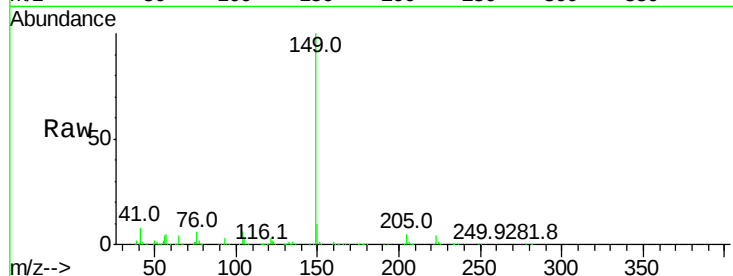
Tot Ion:149 Resp: 708671

Ion Ratio Lower Upper

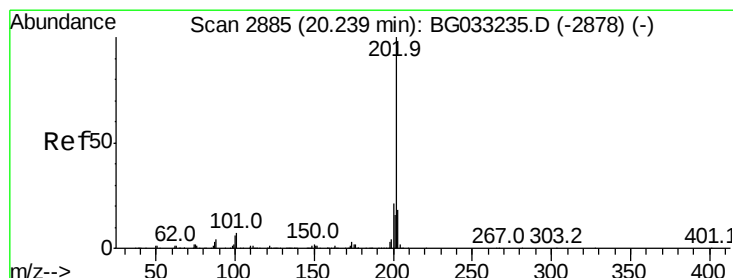
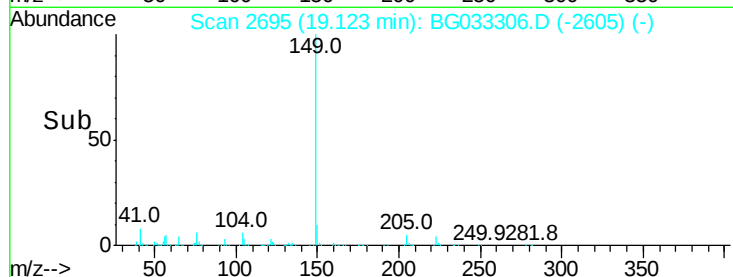
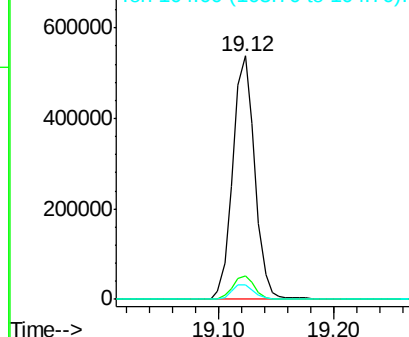
149 100

150 9.8 7.8 11.6

104 6.1 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.060 ng

RT: 20.23 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

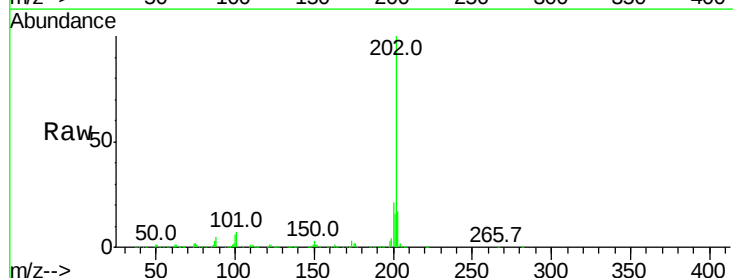
Tgt Ion:202 Resp: 850170

Ion Ratio Lower Upper

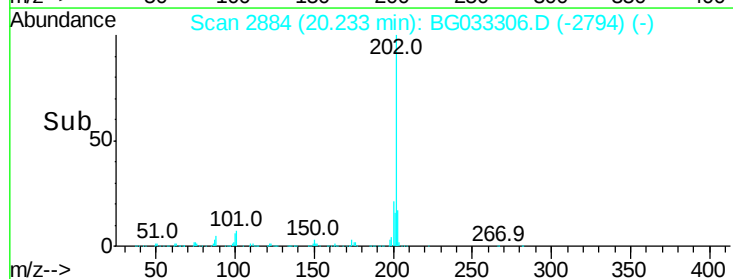
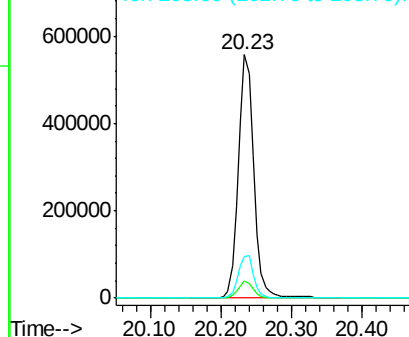
202 100

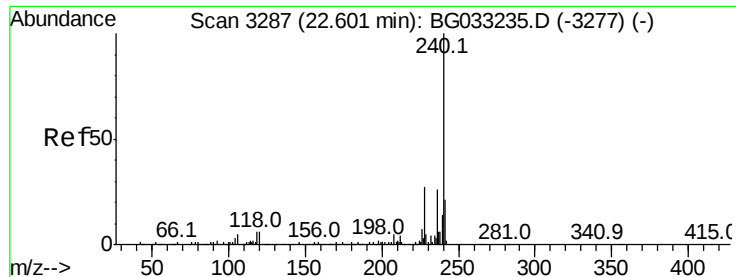
101 6.9 0.0 28.9

203 17.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

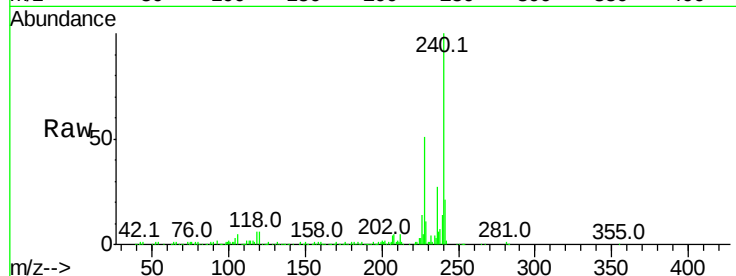
Tot Ion:240 Resp: 330103

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

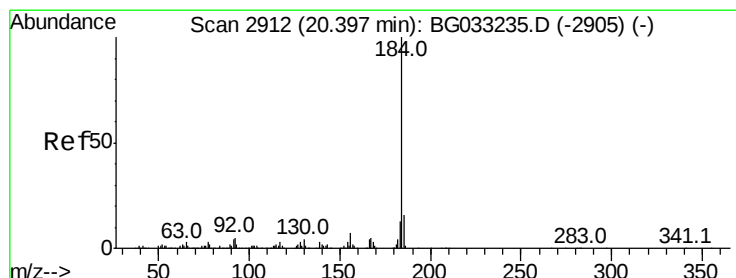
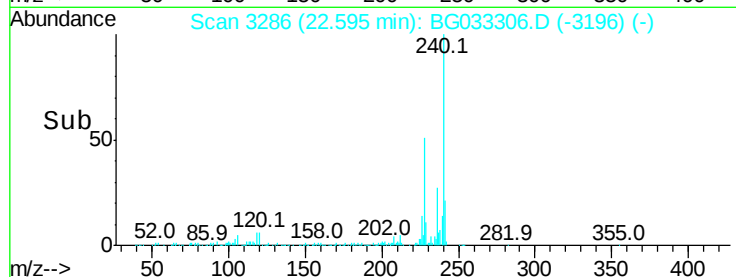
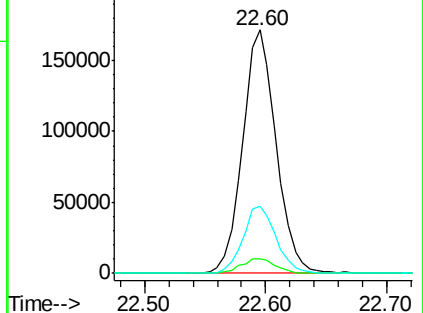
236 27.4 20.9 31.3



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: 20.072 ng

RT: 20.40 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

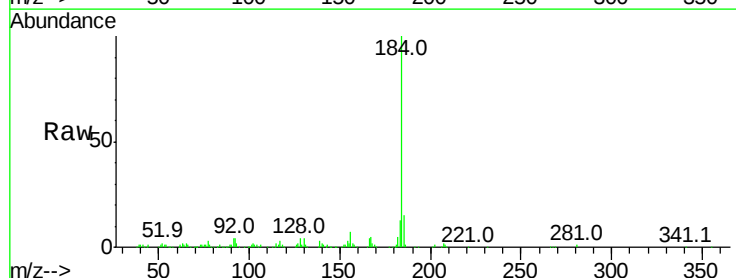
Tgt Ion:184 Resp: 179681

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

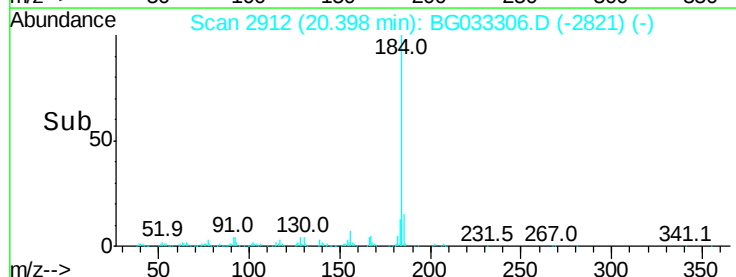
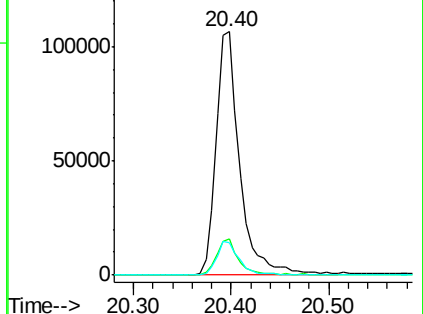
183 13.3 10.6 16.0

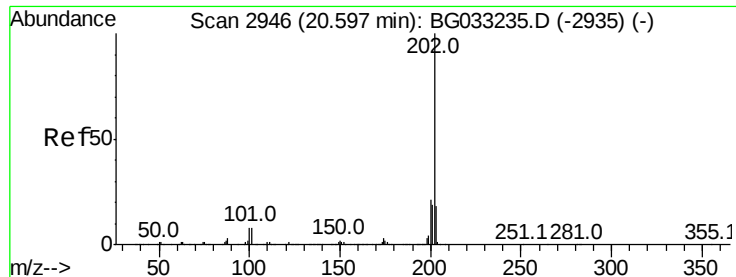


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.860 ng

RT: 20.59 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG033306.D

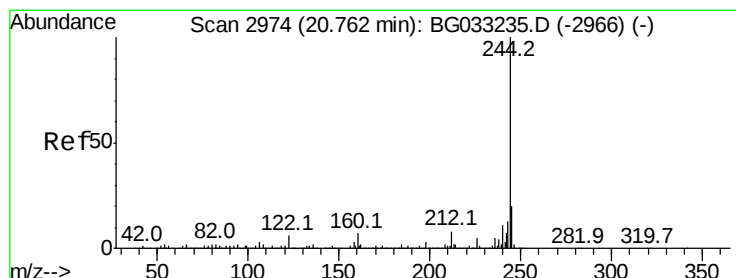
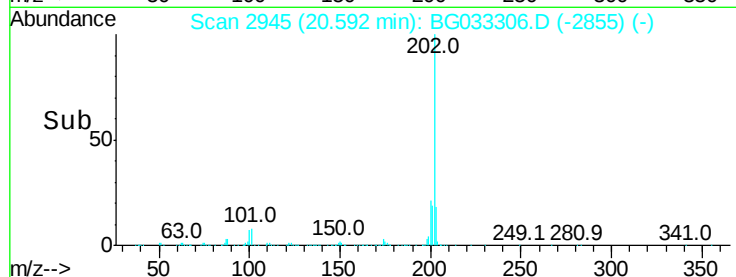
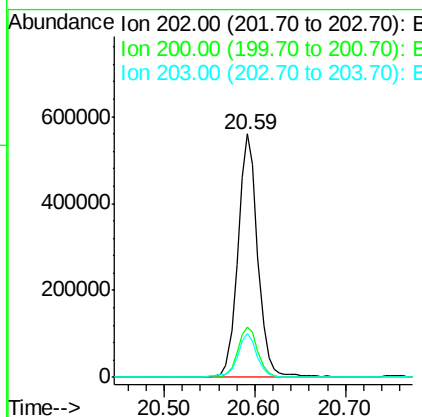
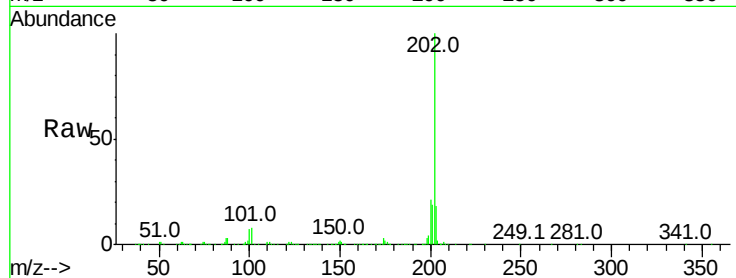
Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	855536
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	18.0	13.9	20.9



#78

Terphenyl-d14

Concen: 85.227 ng

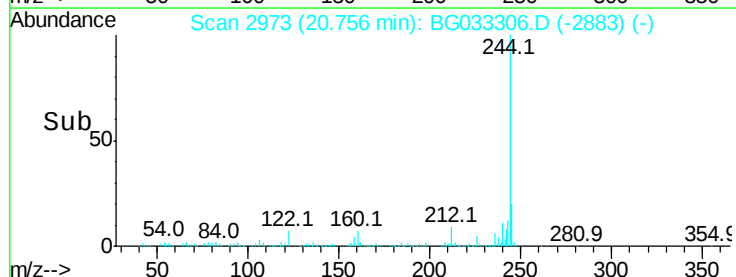
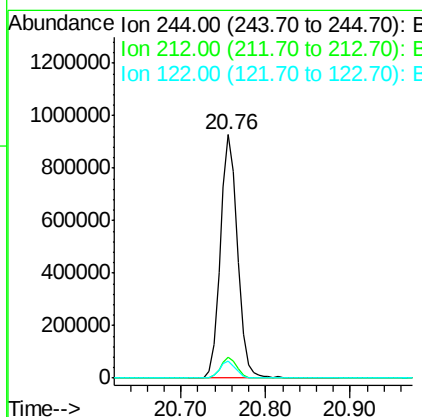
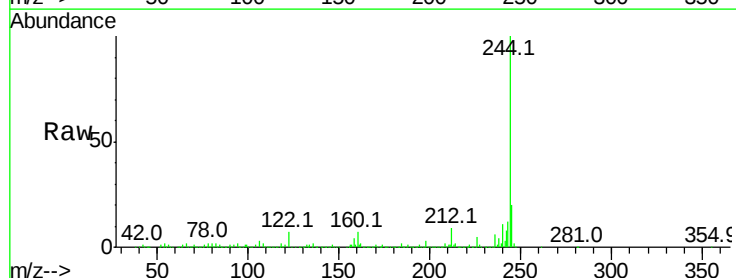
RT: 20.76 min Scan# 2973

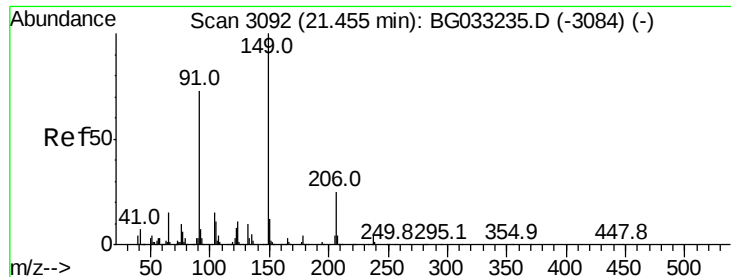
Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Tgt Ion:	244	Resp:	1315514
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.9	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 38.528 ng

RT: 21.45 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

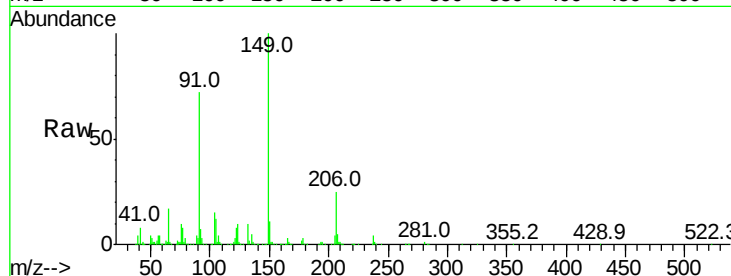
Tot Ion:149 Resp: 313014

Ion Ratio Lower Upper

149 100

91 71.7 62.2 93.2

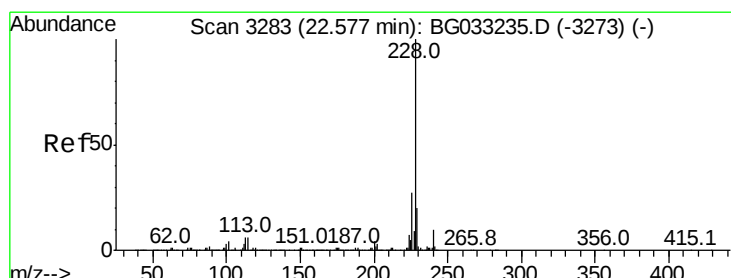
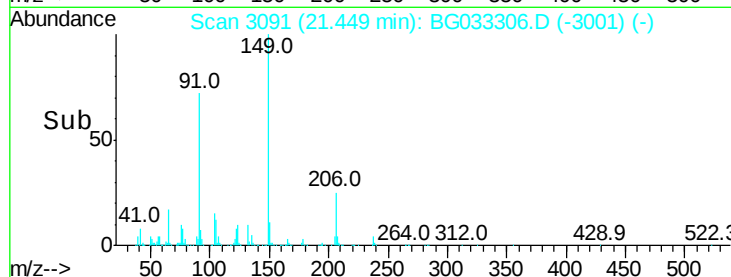
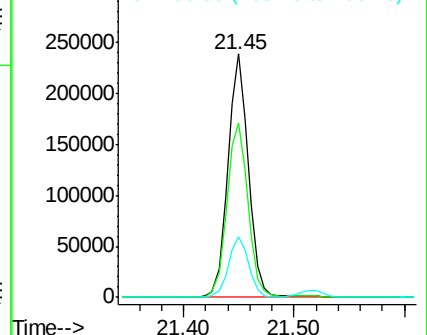
206 24.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.137 ng

RT: 22.57 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

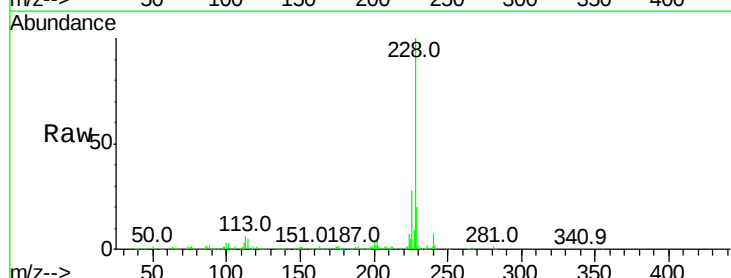
Tgt Ion:228 Resp: 822640

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

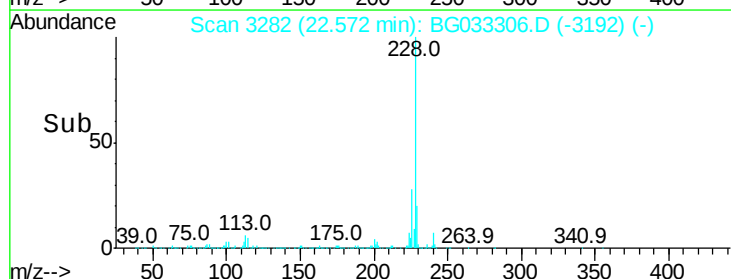
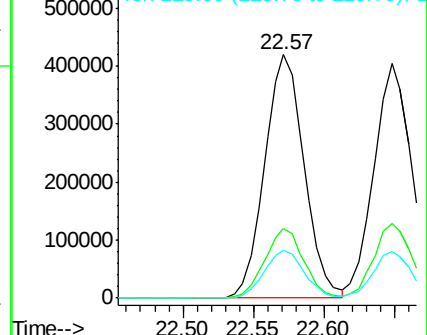
229 19.6 16.2 24.2

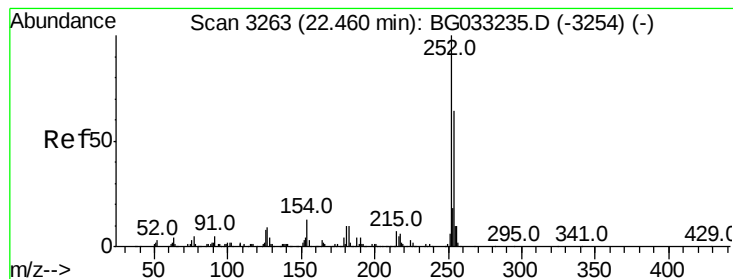


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

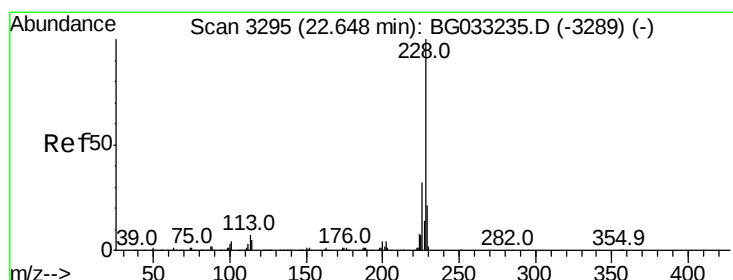
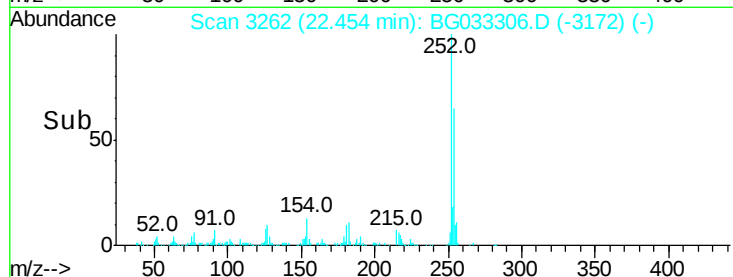
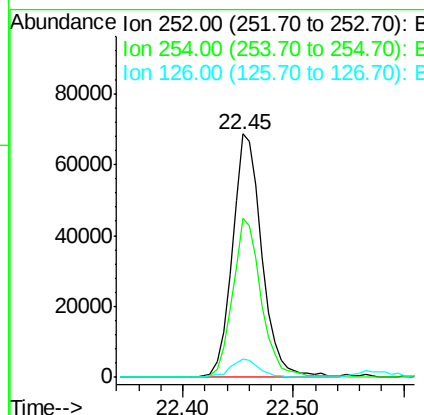
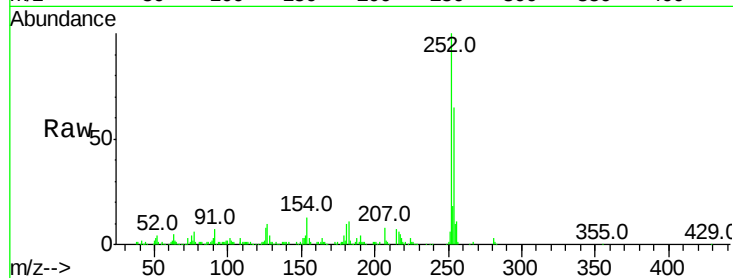




#81
 3,3'-Dichlorobenzidine
 Concen: 17.177 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

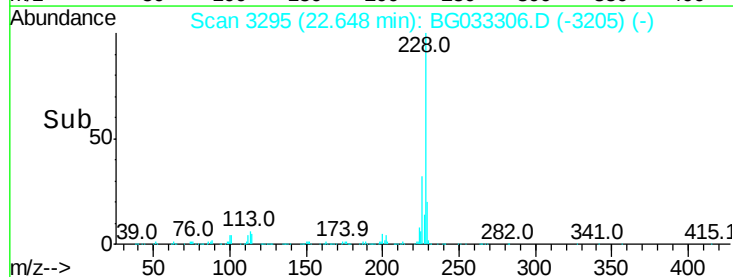
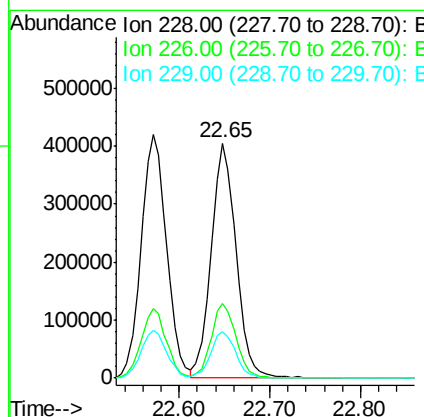
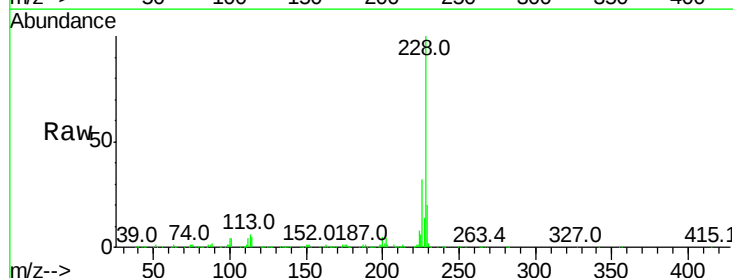
Instrument :
 BNA_G
 ClientSampleId :

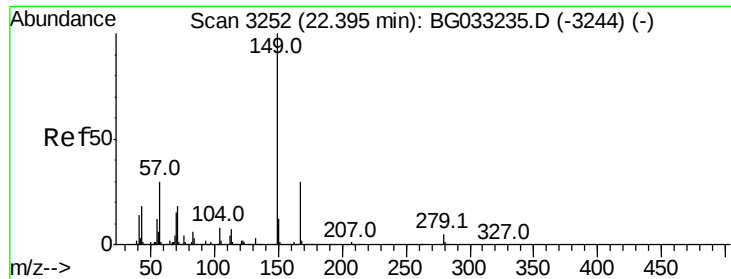
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	7.8	7.4	11.2



#82
 Chrysene
 Concen: 37.806 ng
 RT: 22.65 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.1	15.0	22.4

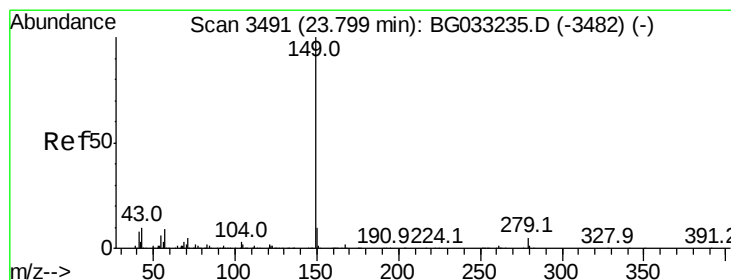
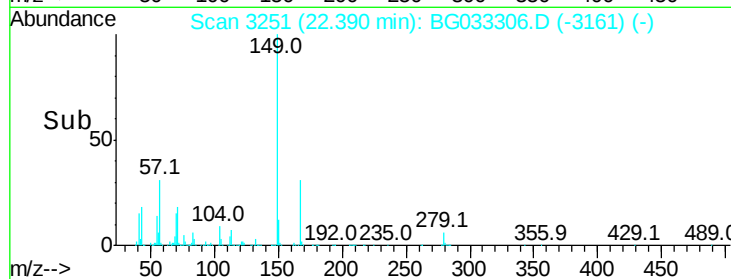
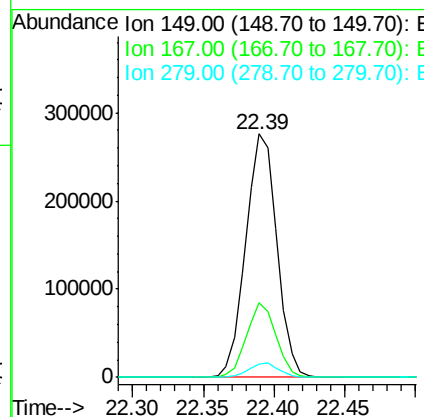
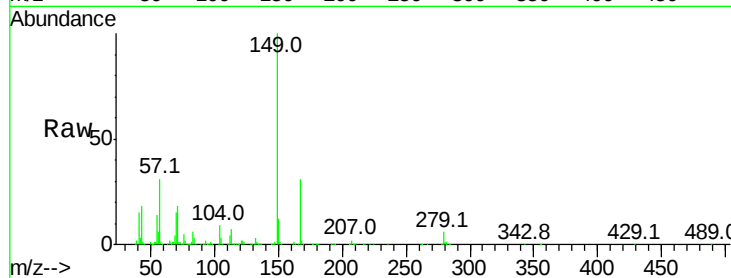




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.139 ng
 RT: 22.39 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

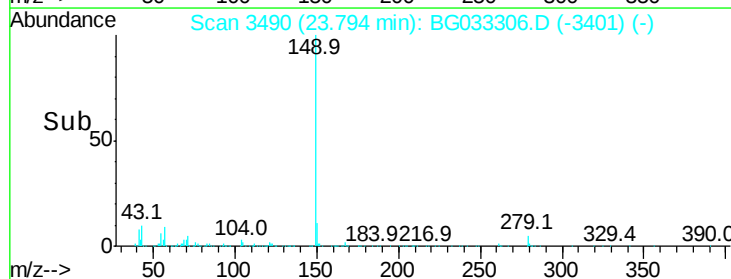
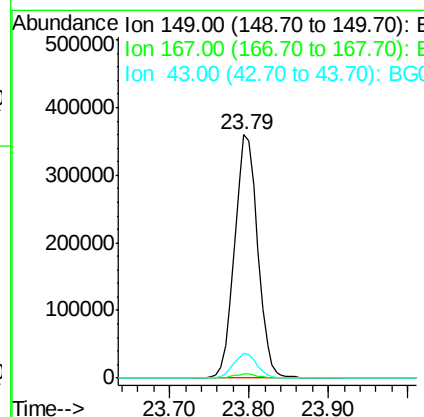
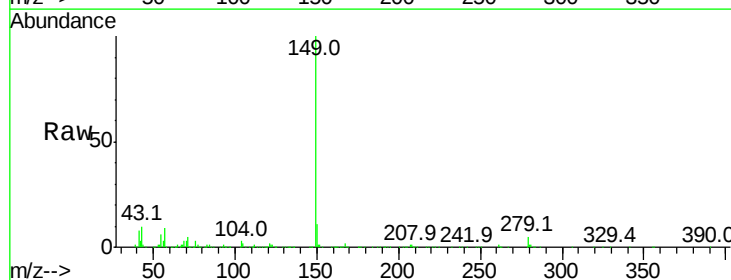
Instrument :
 BNA_G
 ClientSampleId :

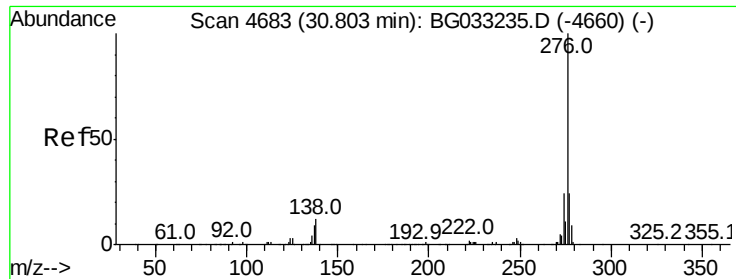
Tot Ion	149	Resp	427135
Ion Ratio	100	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	5.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 42.159 ng
 RT: 23.79 min Scan# 3490
 Delta R.T. -0.01 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion	149	Resp	722926
Ion Ratio	100	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.3	8.9	13.3

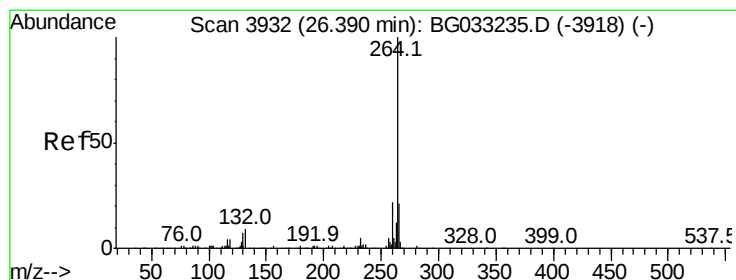
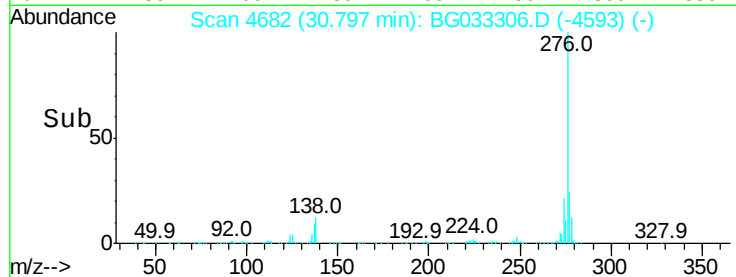
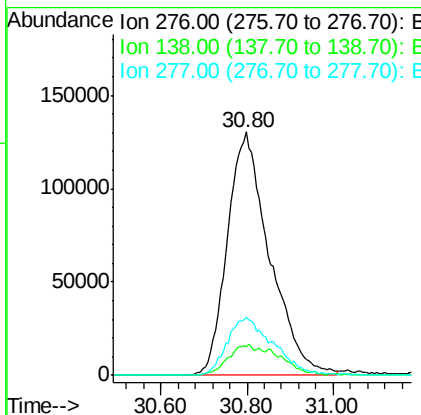
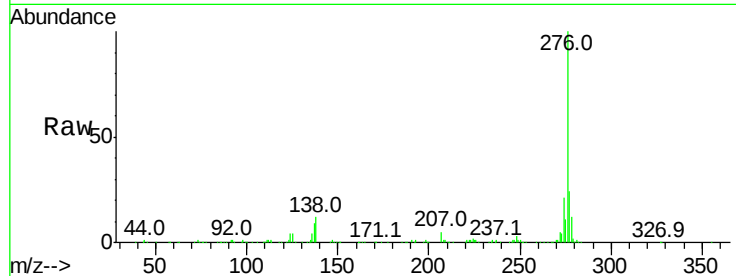




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.435 ng
 RT: 30.80 min Scan# 4682
 Delta R.T. -0.01 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

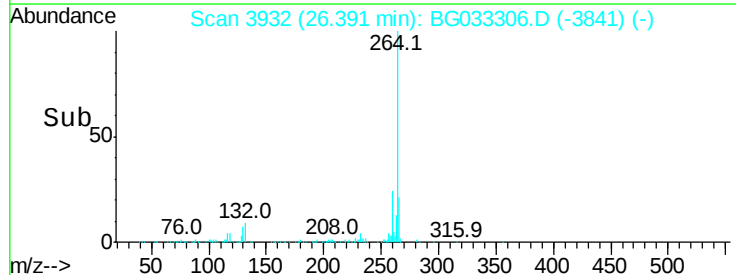
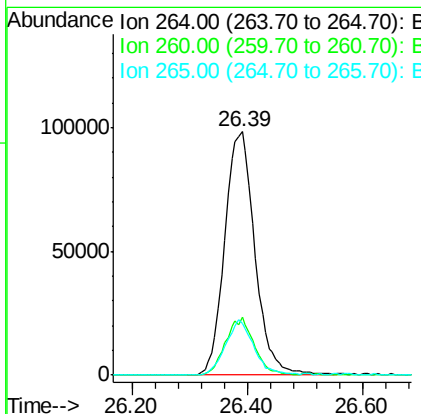
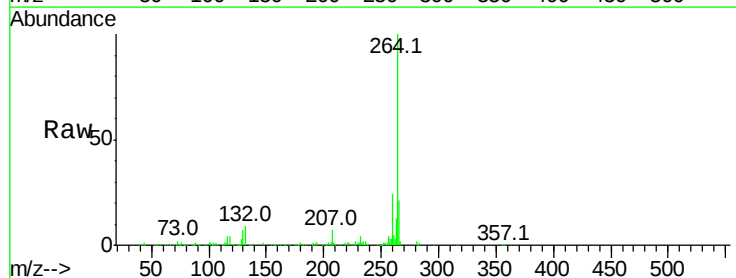
Instrument :
 BNA_G
 ClientSampleId :

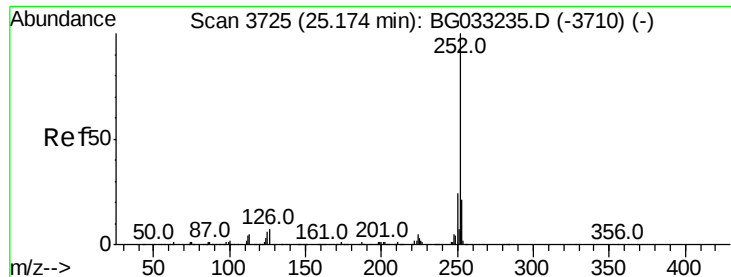
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	16.0	24.0#
277	25.7	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. 0.00 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.168 ng

RT: 25.17 min Scan# 3724

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

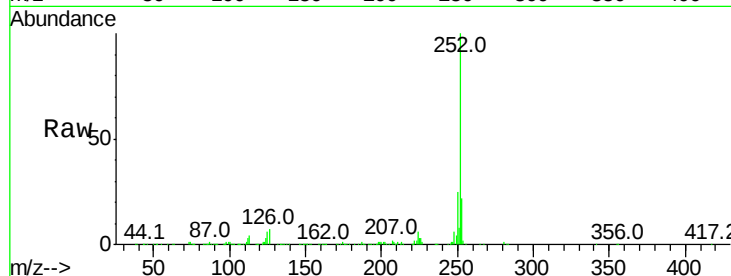
Tot Ion:252 Resp: 785661

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

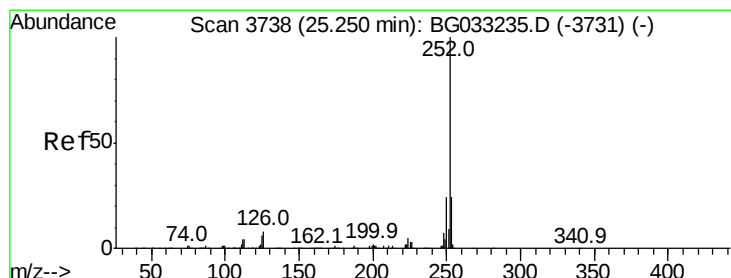
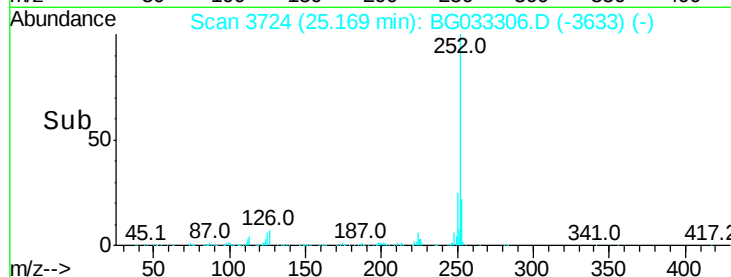
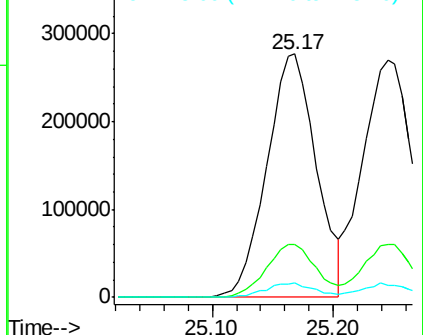
125 6.1 7.2 10.8#



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: 38.686 ng

RT: 25.25 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

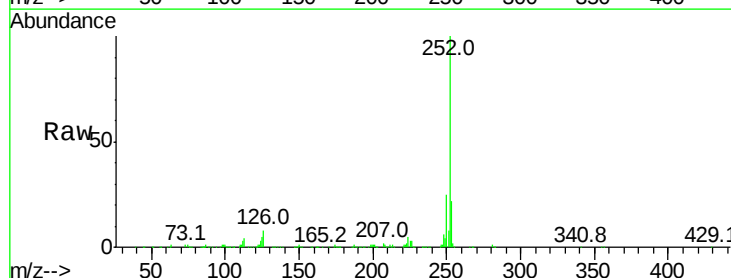
Tgt Ion:252 Resp: 805404

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

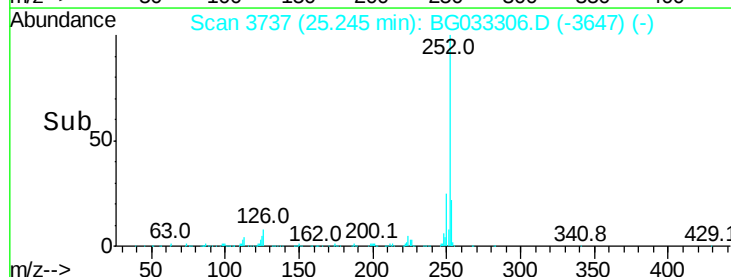
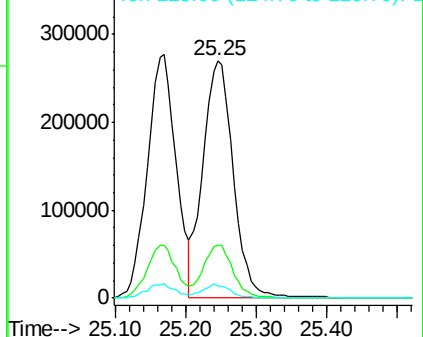
125 5.3 6.6 9.8#

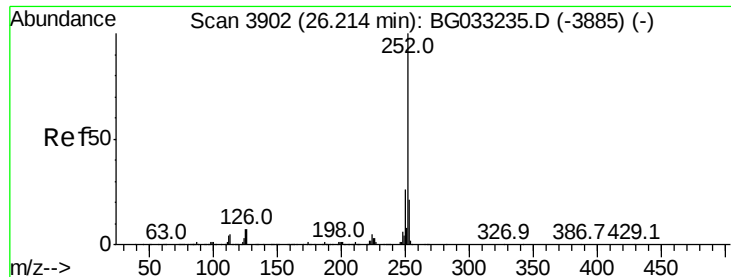


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.567 ng

RT: 26.21 min Scan# 3901

Delta R.T. 0.00 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

Instrument :

BNA_G

ClientSampleId :

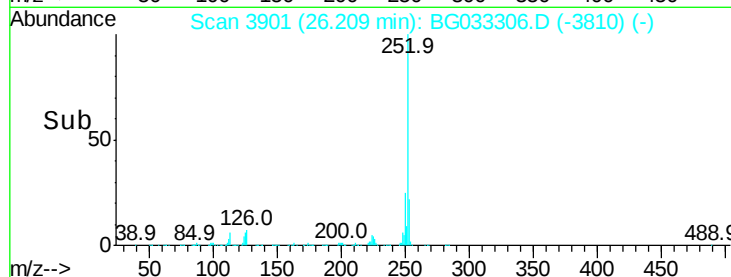
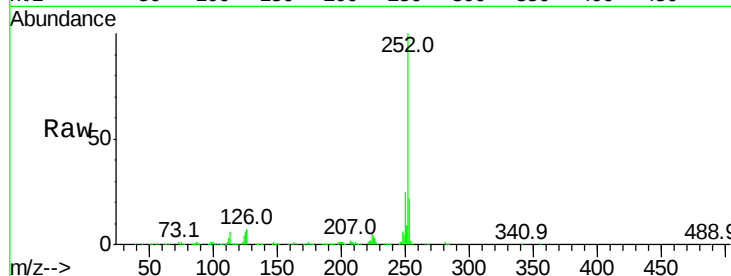
Tot Ion:252 Resp: 782162

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

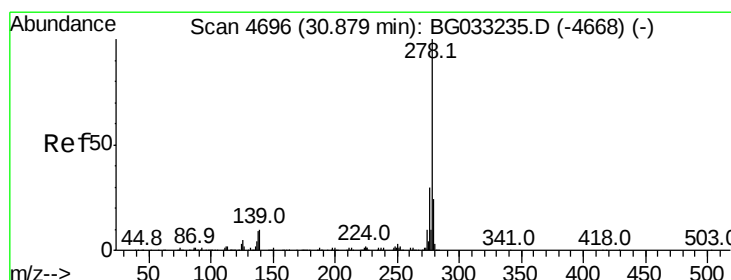
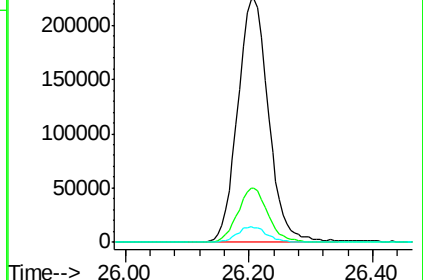
125 6.1 7.3 10.9#



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: 40.000 ng

RT: 30.87 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BG033306.D

Acq: 22 Mar 2018 22:21

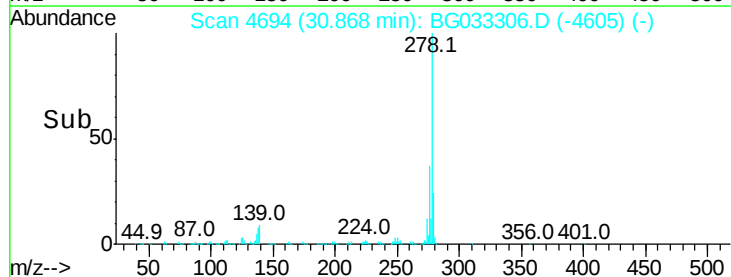
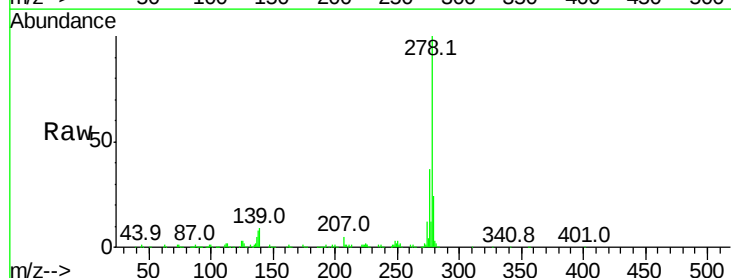
Tgt Ion:278 Resp: 744830

Ion Ratio Lower Upper

278 100

139 9.0 9.8 14.6#

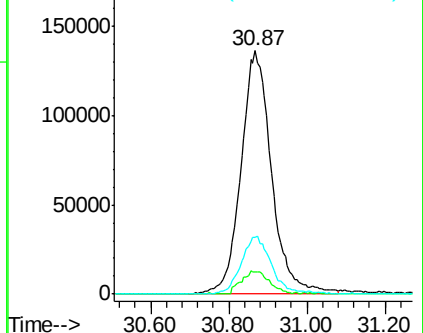
279 23.5 18.4 27.6

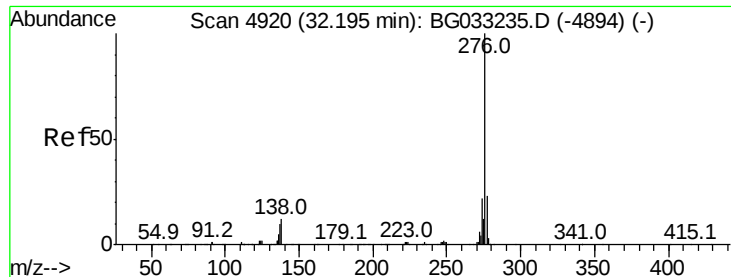


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

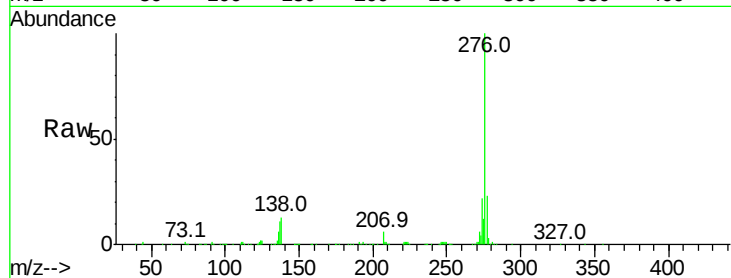




#91
 Benzo(a,h,i)perylene
 Concen: 39.814 ng
 RT: 32.18 min Scan# 4917
 Delta R.T. -0.02 min
 Lab File: BG033306.D
 Acq: 22 Mar 2018 22:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	12.6	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

