

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033084.D
 Acq On : 12 Mar 2018 10:45
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 15:27:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	42305	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	191952	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	109531	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	251009	20.00	ng	0.00
75) Chrysene-d12	22.61	240	249238	20.00	ng	0.00
86) Perylene-d12	26.41	264	268669	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	206955	78.26	ng	0.00
7) Phenol-d6	8.01	99	284955	77.31	ng	0.00
23) Nitrobenzene-d5	10.12	82	257459	92.14	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	101581	88.20	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	563355	74.18	ng	0.00
78) Terphenyl-d14	20.77	244	799261	72.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	42804	37.298	ng	95
3) Pyridine	4.43	79	122382	38.691	ng	90
4) n-Nitrosodimethylamine	4.33	42	57203	45.107	ng	# 88
6) Aniline	8.21	93	182201	36.520	ng	99
8) 2-Chlorophenol	8.46	128	110417	38.149	ng	97
9) Benzaldehyde	8.01	77	68860	32.416	ng	92
10) Phenol	8.04	94	143220	38.547	ng	97
11) bis(2-Chloroethyl)ether	8.29	93	108636	35.757	ng	98
12) 1,3-Dichlorobenzene	8.80	146	123634	36.470	ng	97
13) 1,4-Dichlorobenzene	8.95	146	124868	36.593	ng	96
14) 1,2-Dichlorobenzene	9.29	146	119316	36.489	ng	96
15) Benzyl Alcohol	9.15	79	103616	38.240	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	217369	41.619	ng	99
17) 2-Methylphenol	9.35	107	102735	37.497	ng	98
18) Hexachloroethane	10.05	117	44390	38.207	ng	87
19) n-Nitroso-di-n-propylamine	9.73	70	93302	35.857	ng	# 92
20) 3+4-Methylphenols	9.68	107	145320	38.147	ng	94
22) Acetophenone	9.76	105	182601	37.667	ng	# 97
24) Nitrobenzene	10.16	77	135007	44.621	ng	94
25) Isophorone	10.68	82	238196	35.354	ng	# 94
26) 2-Nitrophenol	10.89	139	58154	52.186	ng	97
27) 2,4-Dimethylphenol	10.91	122	104195	35.600	ng	94
28) bis(2-Chloroethoxy)methane	11.16	93	138703	35.339	ng	96
29) 2,4-Dichlorophenol	11.43	162	101614	38.253	ng	95
30) 1,2,4-Trichlorobenzene	11.66	180	113515	36.455	ng	96
31) Naphthalene	11.85	128	372317	37.120	ng	98
32) Benzoic acid	11.01	122	63626	38.558	ng	# 85
33) 4-Chloroaniline	11.94	127	158339	35.306	ng	97
34) Hexachlorobutadiene	12.11	225	65912	37.738	ng	96
35) Caprolactam	12.68	113	40583	38.155	ng	99
36) 4-Chloro-3-methylphenol	12.99	107	126045	40.775	ng	92
37) 2-Methylnaphthalene	13.40	142	262027	36.109	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	123279	37.915	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	62737	37.860	ng	94

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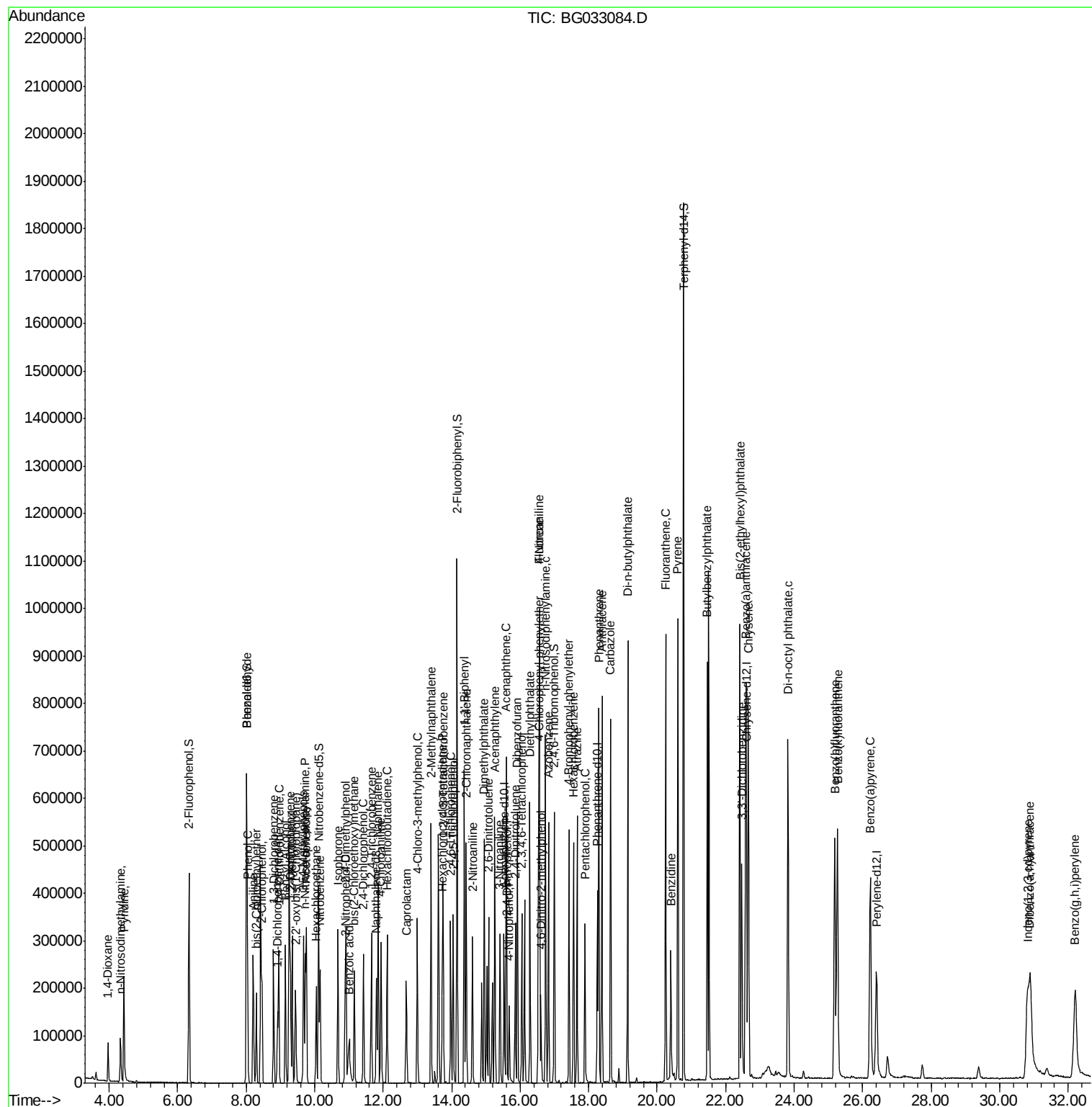
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	80153	39.090	nq	92
43) 2,4,5-Trichlorophenol	14.05	196	92224	38.861	nq	# 95
45) 1,1'-Biphenyl	14.37	154	348285	36.388	nq	96
46) 2-Chloronaphthalene	14.42	162	260461	36.429	nq	96
47) 2-Nitroaniline	14.60	65	93481	51.056	nq	93
48) Acenaphthylene	15.26	152	434925	37.155	nq	99
49) Dimethylphthalate	14.95	163	333491	35.858	nq	100
50) 2,6-Dinitrotoluene	15.08	165	72885	47.469	nq	93
51) Acenaphthene	15.59	154	265595	36.432	nq	97
52) 3-Nitroaniline	15.41	138	85213	45.258	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	13281	35.754	nq	# 9
54) Dibenzofuran	15.92	168	384207	37.013	nq	93
55) 4-Nitrophenol	15.68	139	43025	32.831	nq	93
56) 2,4-Dinitrotoluene	15.86	165	101354	54.417	nq	86
57) Fluorene	16.56	166	317456	37.054	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.05	232	75365	40.903	nq	94
59) Diethylphthalate	16.28	149	357310	36.426	nq	97
60) 4-Chlorophenyl-phenylether	16.54	204	153070	36.522	nq	90
61) 4-Nitroaniline	16.56	138	79630	40.484	nq	95
62) Azobenzene	16.82	77	329339	37.529	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	38504	51.275	nq	97
65) n-Nitrosodiphenylamine	16.74	169	290166	35.535	nq	99
66) 4-Bromophenyl-phenylether	17.42	248	97074	36.574	nq	# 87
67) Hexachlorobenzene	17.56	284	104727	36.513	nq	94
68) Atrazine	17.66	200	94908	35.310	nq	95
69) Pentachlorophenol	17.89	266	62254	34.458	nq	98
70) Phenanthrene	18.30	178	513631	36.678	nq	98
71) Anthracene	18.39	178	516884	36.765	nq	99
72) Carbazole	18.64	167	499138	36.019	nq	97
73) Di-n-butylphthalate	19.14	149	638623	37.565	nq	99
74) Fluoranthene	20.25	202	590190	38.153	nq	97
76) Benzidine	20.40	184	167423	19.707	nq	97
77) Pyrene	20.60	202	610839	34.753	nq	98
79) Butylbenzylphthalate	21.46	149	297165	38.133	nq	93
80) Benzo(a)anthracene	22.59	228	580495	36.321	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	195615	33.047	nq	# 96
82) Chrysene	22.66	228	554314	36.307	nq	99
83) Bis(2-ethylhexyl)phthalate	22.41	149	437842	37.957	nq	# 95
84) Di-n-octyl phthalate	23.82	149	703532	40.013	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	565963	31.787	nq	# 96
87) Benzo(b)fluoranthene	25.18	252	573390	36.095	nq	# 98
88) Benzo(k)fluoranthene	25.27	252	579684	36.718	nq	# 97
89) Benzo(a)pyrene	26.22	252	553082	36.605	nq	# 96
90) Dibenzo(a,h)anthracene	30.89	278	420026	27.618	nq	# 95
91) Benzo(g,h,i)perylene	32.20	276	476957	31.814	nq	# 93

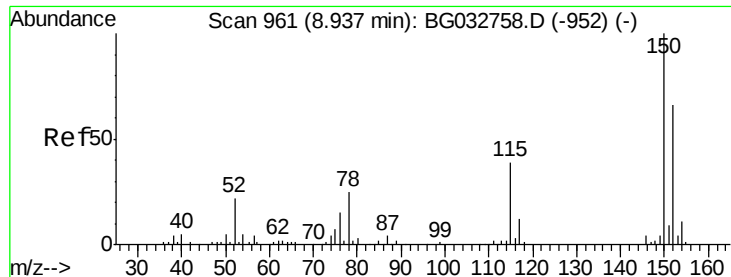
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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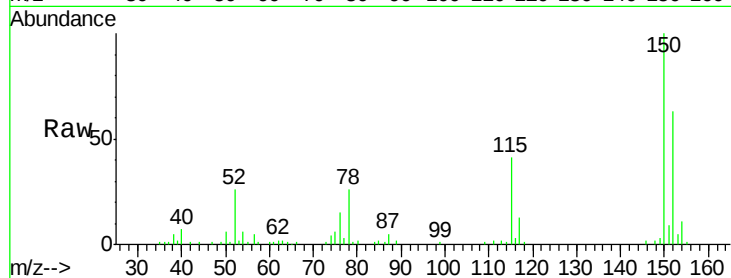


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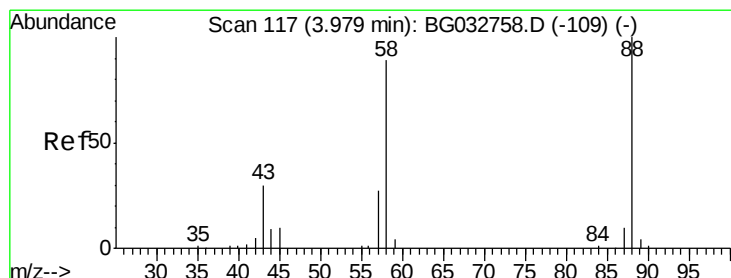
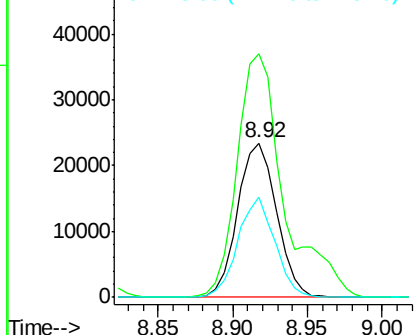
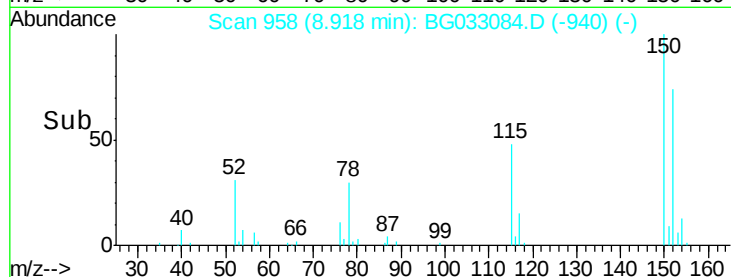
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42305
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 65.2 53.0 79.4



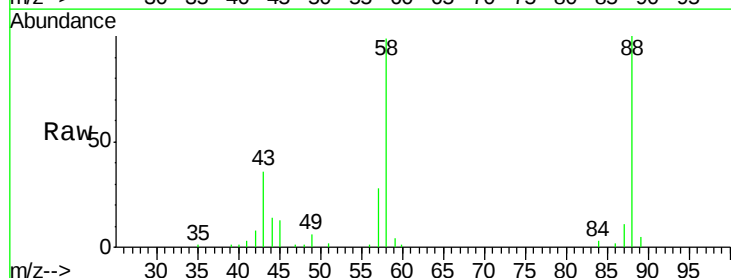
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



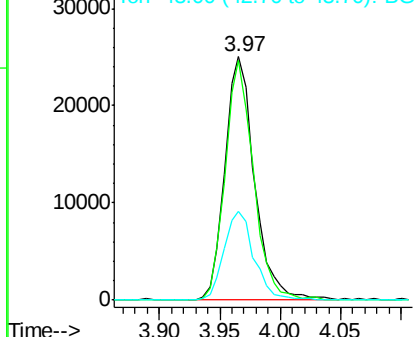
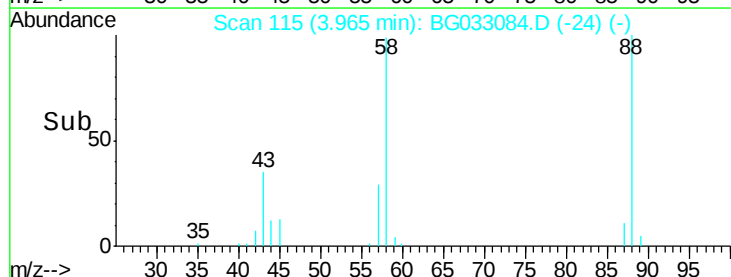
#2

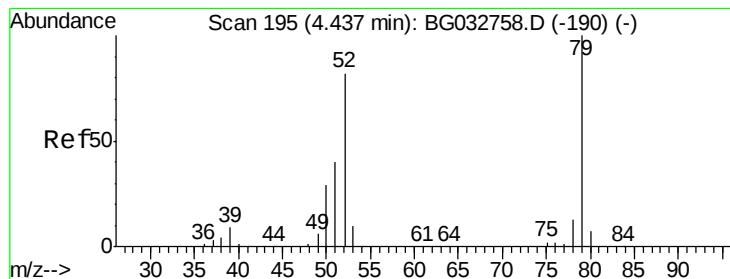
1,4-Dioxane
Concen: 37.298 ng
RT: 3.97 min Scan# 115
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion: 88 Resp: 42804
Ion Ratio Lower Upper
88 100
58 93.8 79.6 119.4
43 36.8 27.4 41.0



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





#3

Pvridine

Concen: 38.691 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

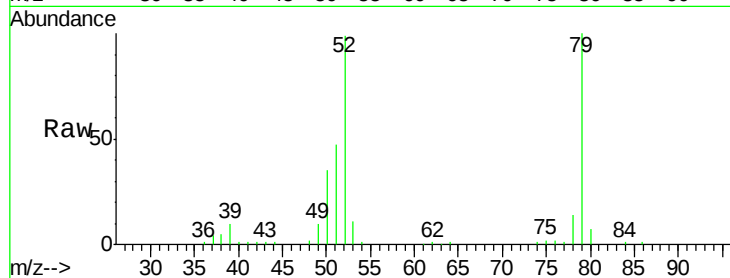
Tot Ion: 79 Resp: 122382

Ion Ratio Lower Upper

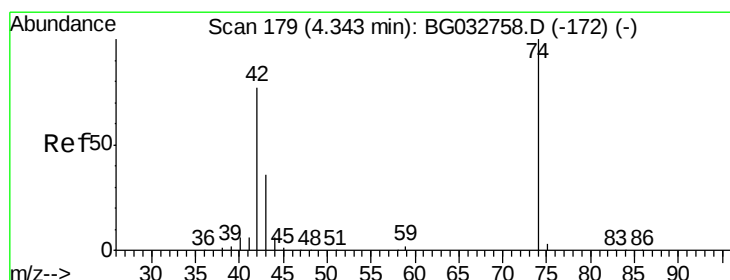
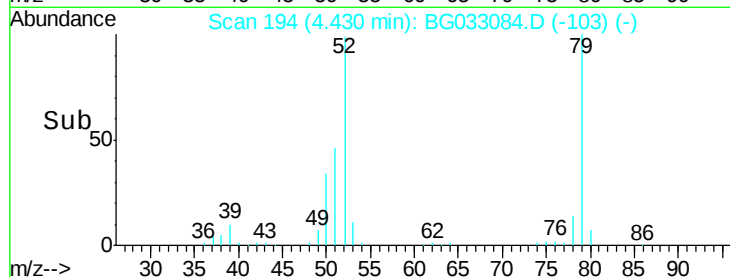
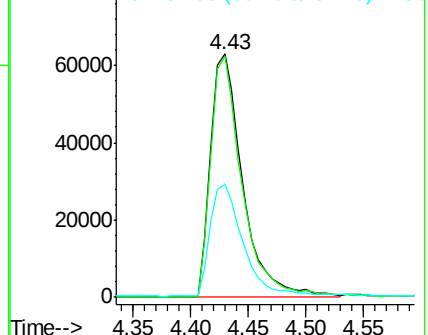
79 100

52 98.9 69.9 104.9

51 46.6 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 45.107 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

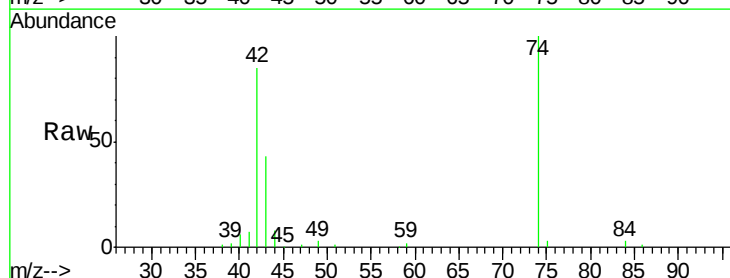
Tgt Ion: 42 Resp: 57203

Ion Ratio Lower Upper

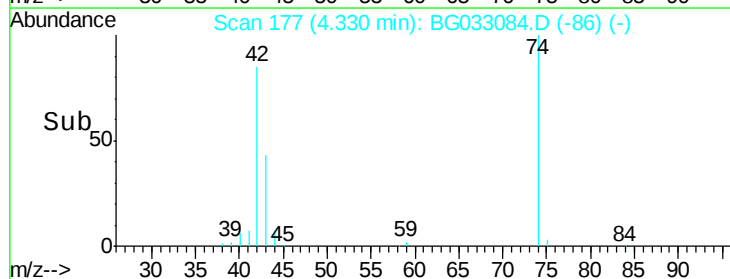
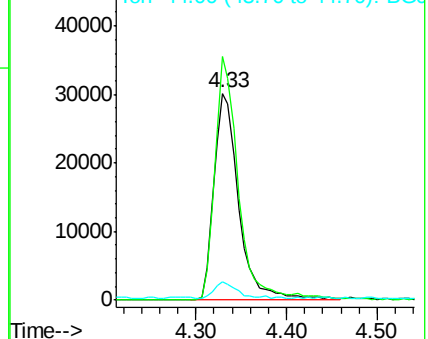
42 100

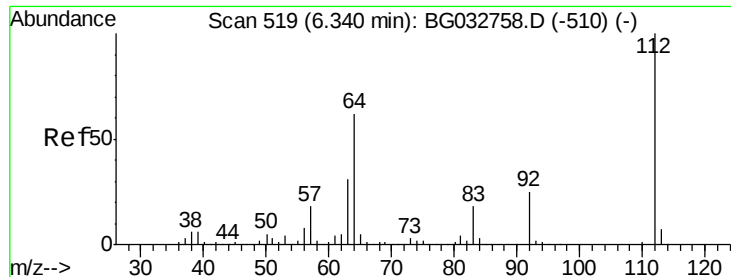
74 117.6 102.5 153.7

44 8.9 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: 78.264 ng

RT: 6.33 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

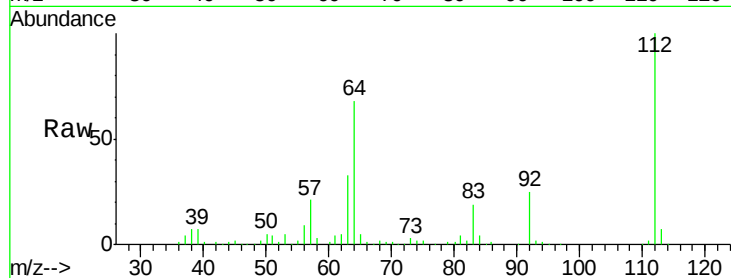
Tot Ion:112 Resp: 206955

Ion Ratio Lower Upper

112 100

64 68.3 56.3 84.5

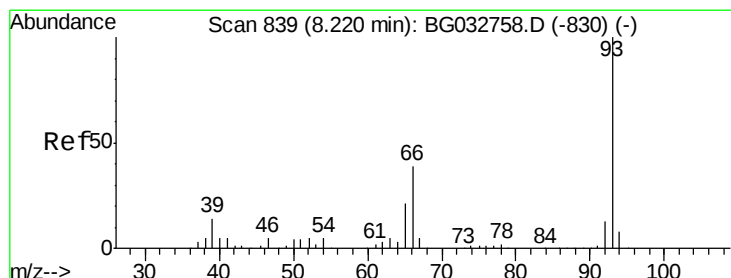
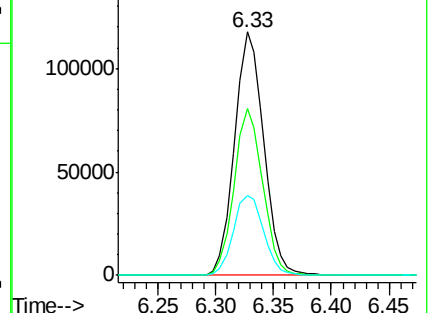
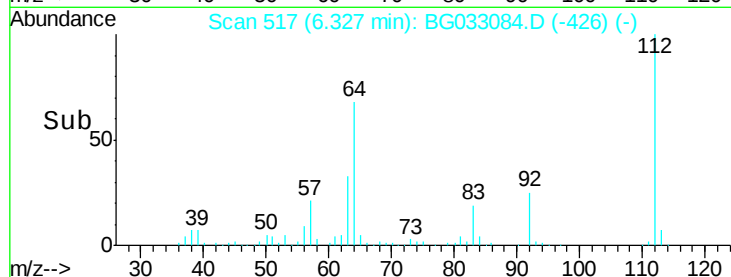
63 32.9 30.1 45.1



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: 36.520 ng

RT: 8.21 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

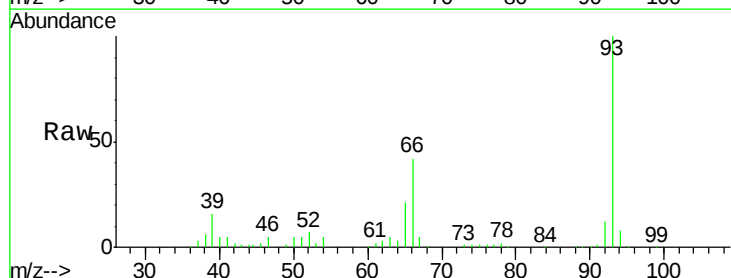
Tgt Ion: 93 Resp: 182201

Ion Ratio Lower Upper

93 100

66 41.8 33.7 50.5

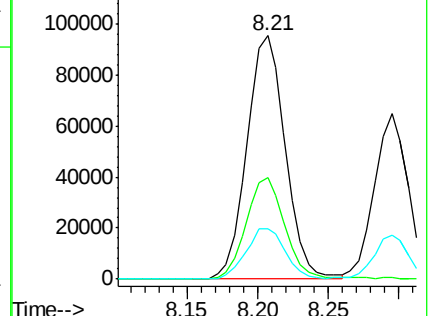
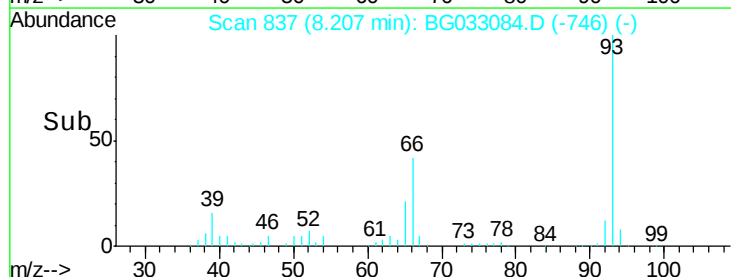
65 20.7 16.1 24.1



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: 77.312 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.01 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

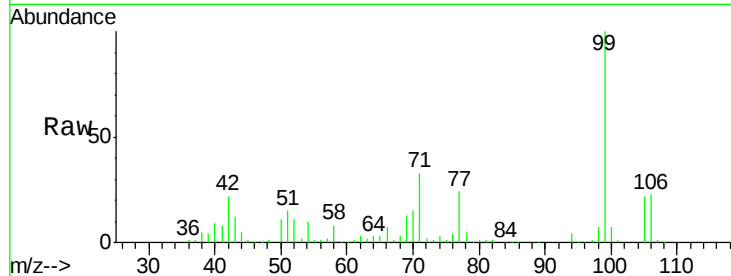
Tot Ion: 99 Resp: 284955

Ion Ratio Lower Upper

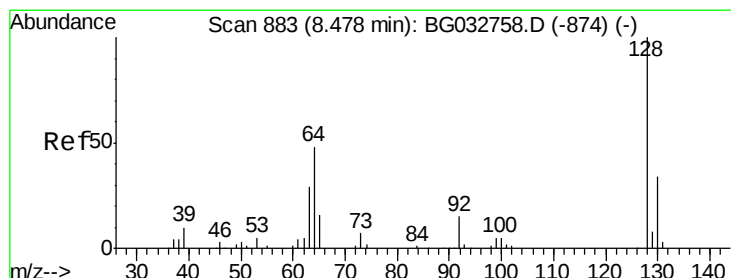
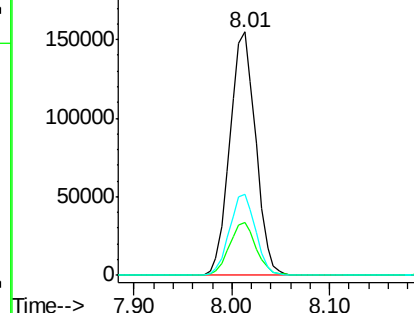
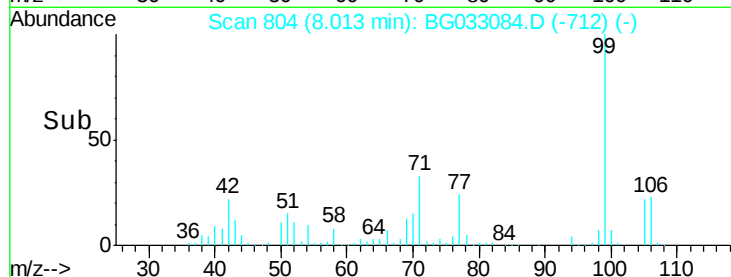
99 100

42 21.7 14.1 21.1#

71 33.2 26.1 39.1



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



#8

2-Chlorophenol

Concen: 38.149 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

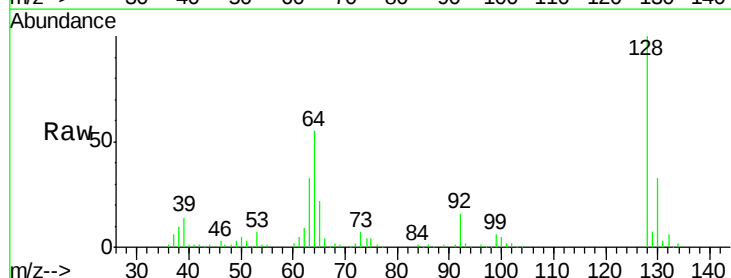
Tgt Ion:128 Resp: 110417

Ion Ratio Lower Upper

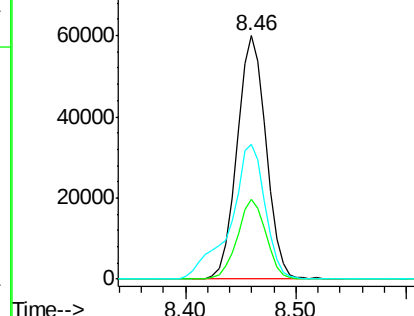
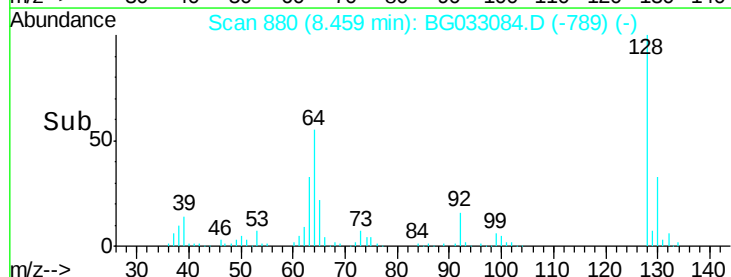
128 100

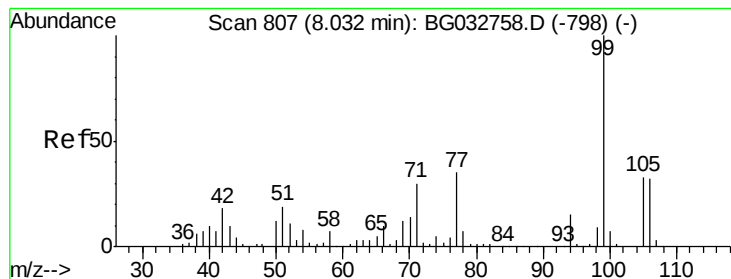
130 32.9 14.0 54.0

64 55.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 32.416 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

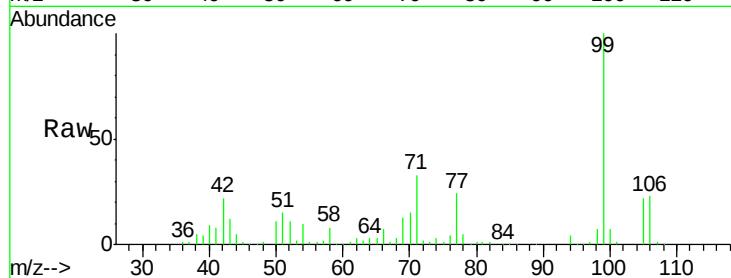
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 68860

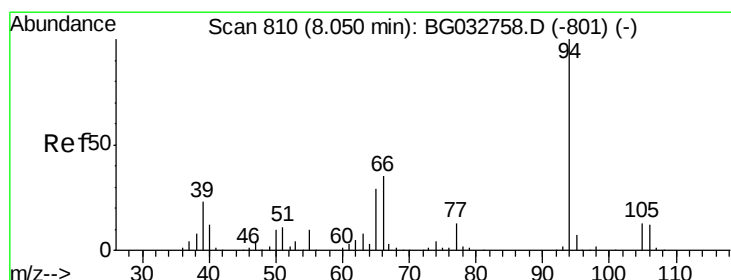
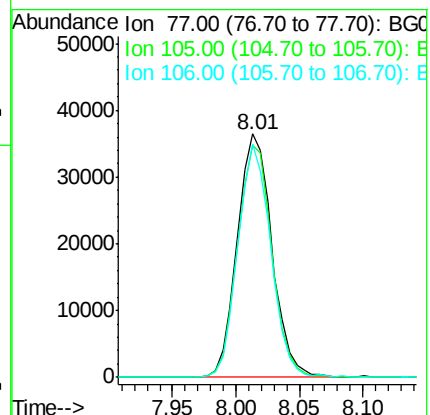
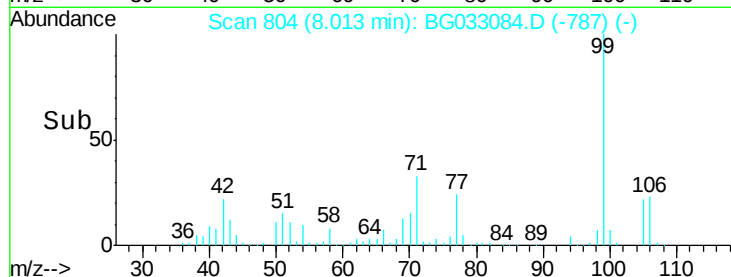
Ion	Ratio	Lower	Upper
77	100		
105	95.2	71.3	111.3
106	95.6	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.547 ng

RT: 8.04 min Scan# 809

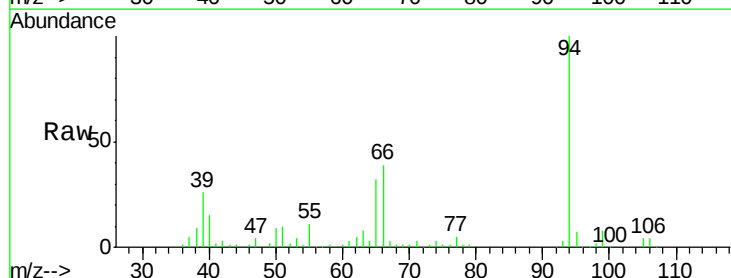
Delta R.T. 0.01 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Tgt Ion: 94 Resp: 143220

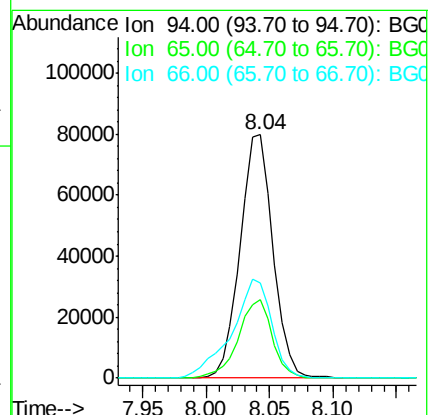
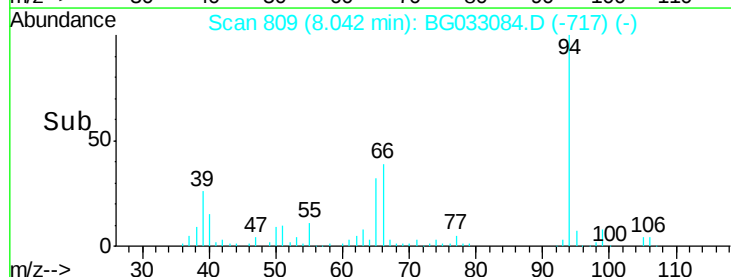
Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.9	51.9
66	39.0	22.2	62.2

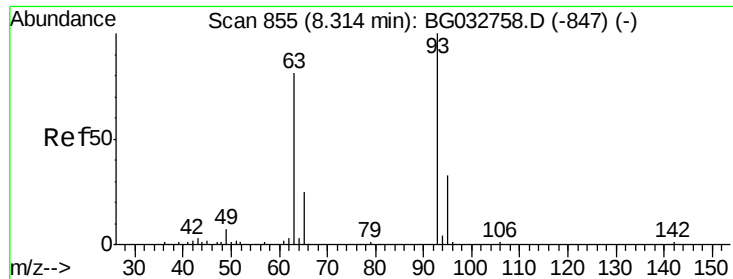


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

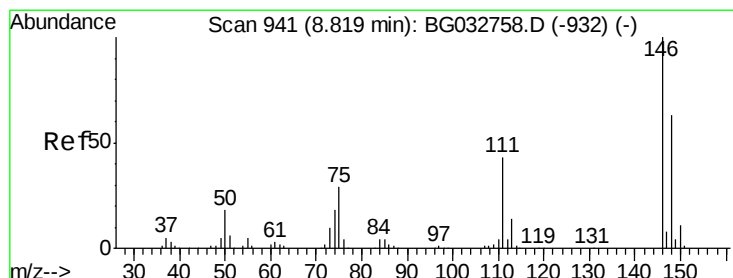
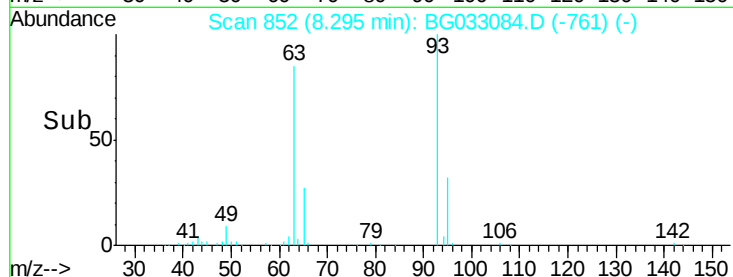
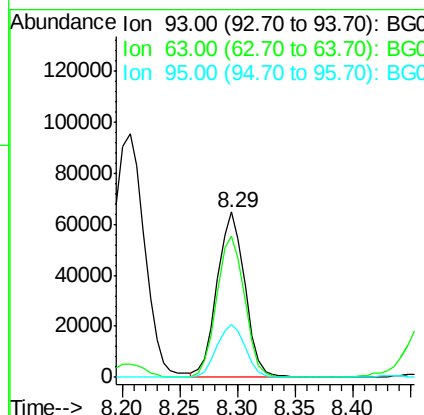
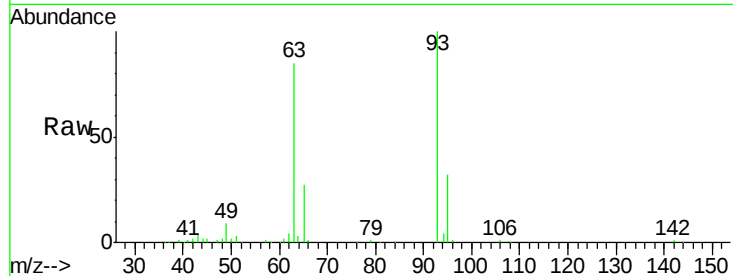




#11
bis(2-Chloroethyl)ether
Concen: 35.757 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

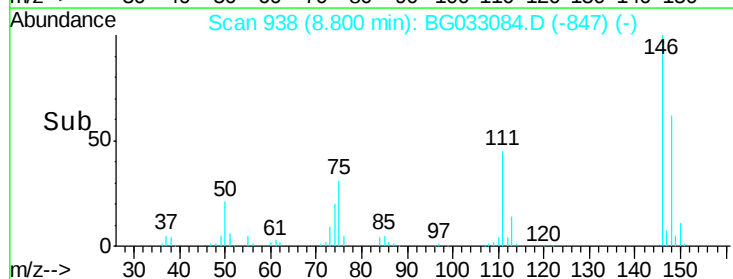
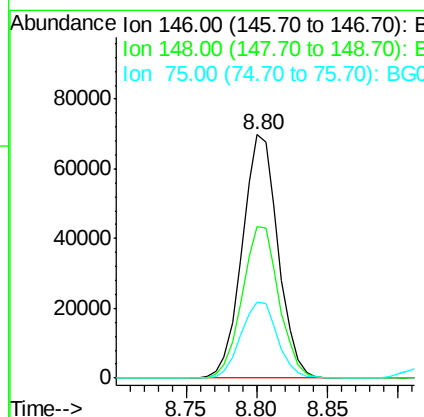
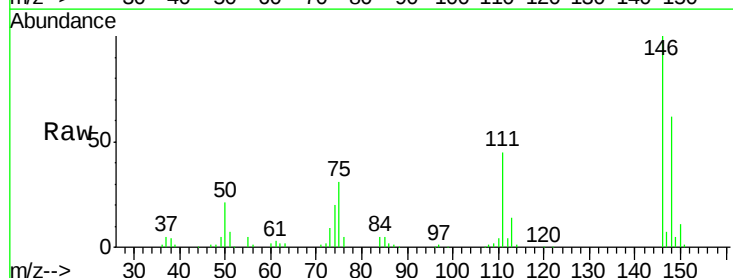
Instrument :
BNA_G
ClientSampleId :

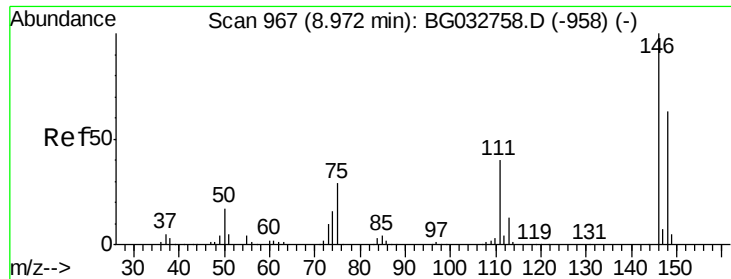
Tot Ion: 93 Resp: 108636
Ion Ratio Lower Upper
93 100
63 85.3 67.1 107.1
95 31.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.470 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion: 146 Resp: 123634
Ion Ratio Lower Upper
146 100
148 62.2 51.4 77.2
75 31.3 26.6 39.8

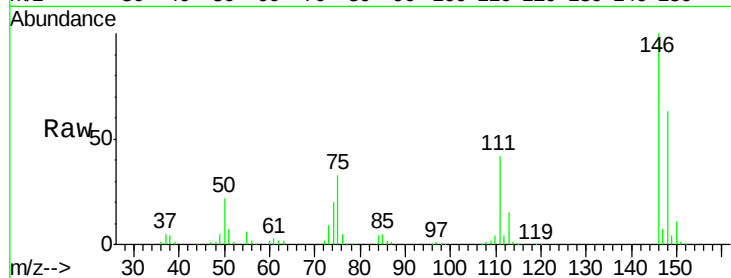




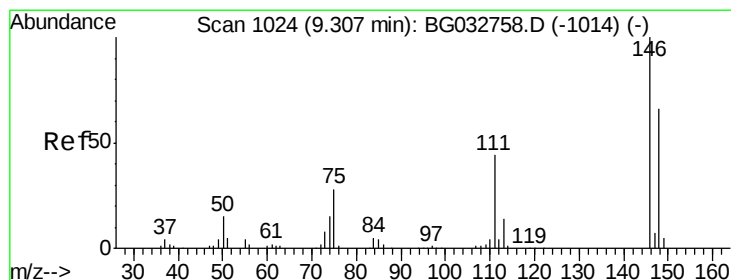
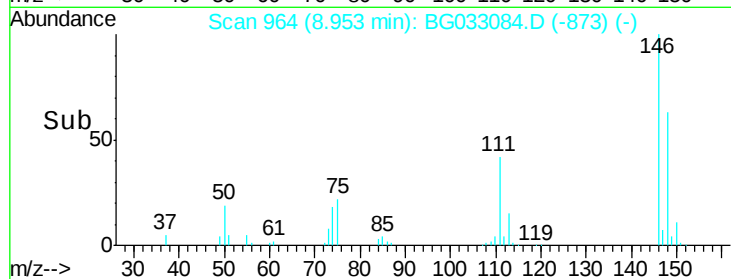
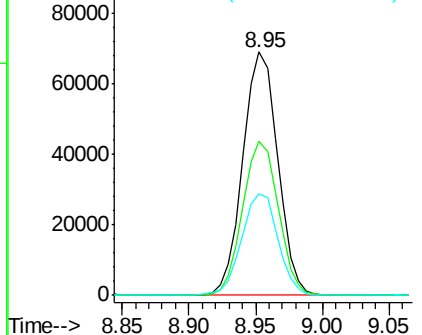
#13
 1,4-Dichlorobenzene
 Concen: 36.593 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 124868
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.7 80.5
 111 41.6 35.2 52.8

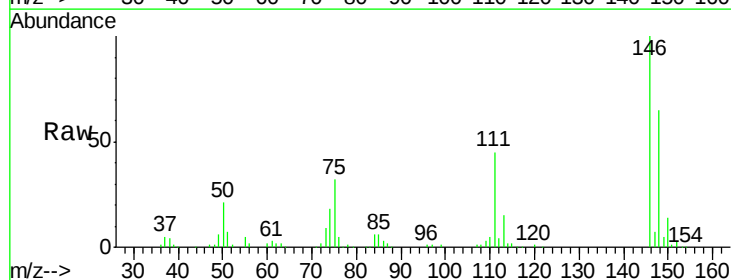


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

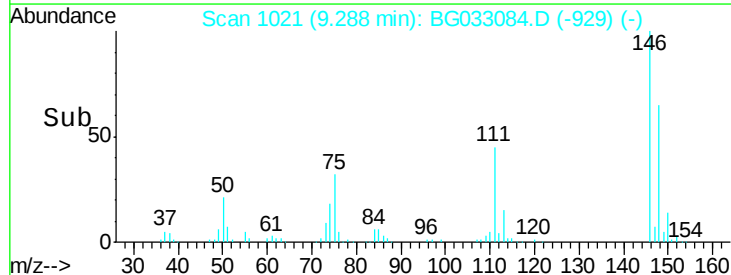
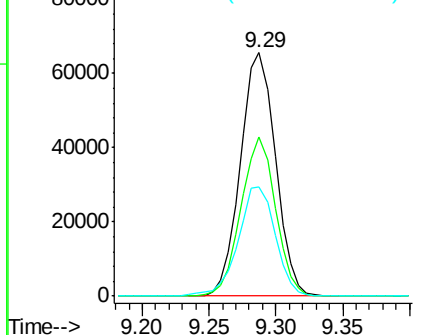


#14
 1,2-Dichlorobenzene
 Concen: 36.489 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:146 Resp: 119316
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.3 73.9
 111 44.8 34.3 51.5



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

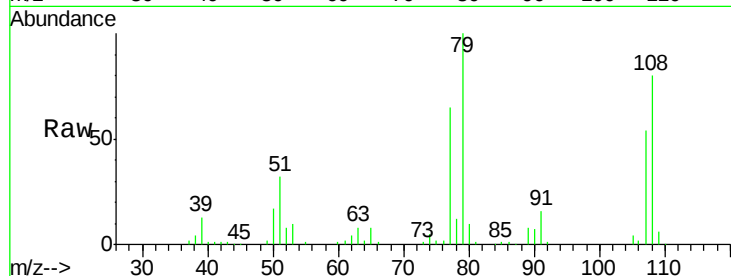




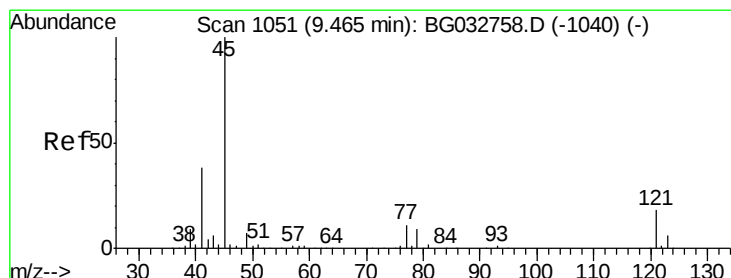
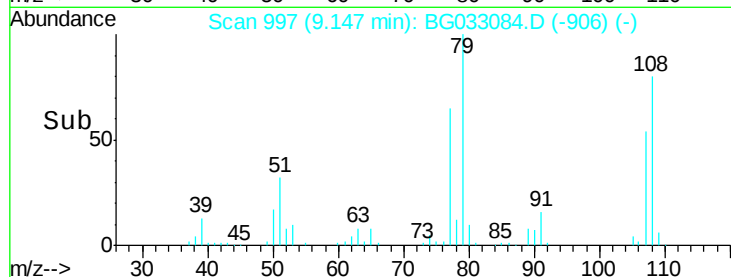
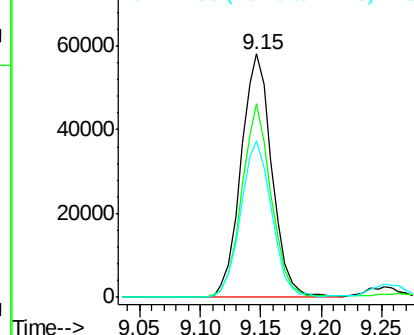
#15
Benzyl Alcohol
Concen: 38.240 ng
RT: 9.15 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 103616
Ion Ratio Lower Upper
79 100
108 79.8 57.2 85.8
77 64.6 46.1 69.1

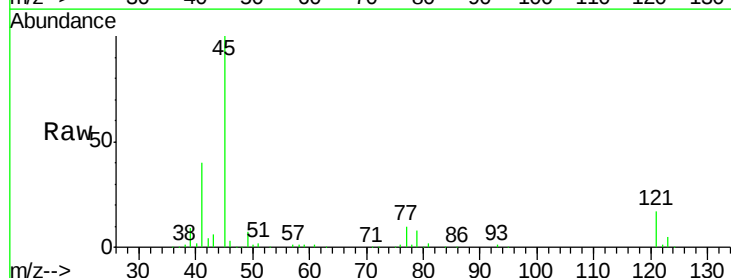


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

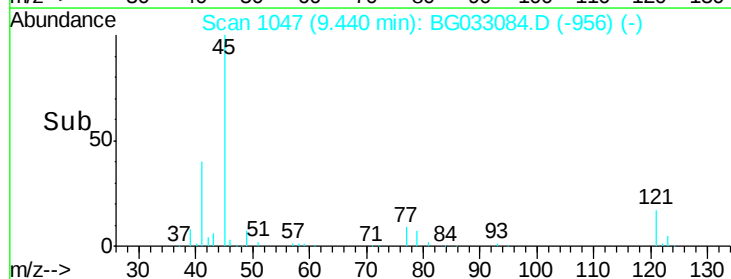
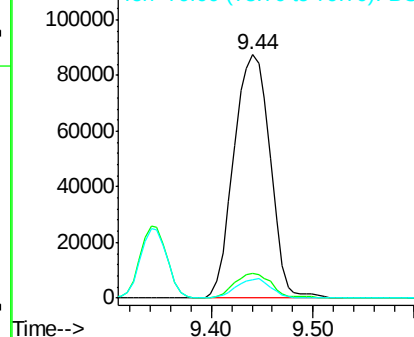


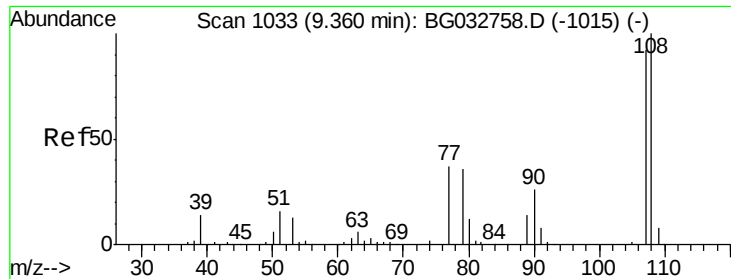
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.619 ng
RT: 9.44 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion: 45 Resp: 217369
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.2
79 7.5 0.0 27.9



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

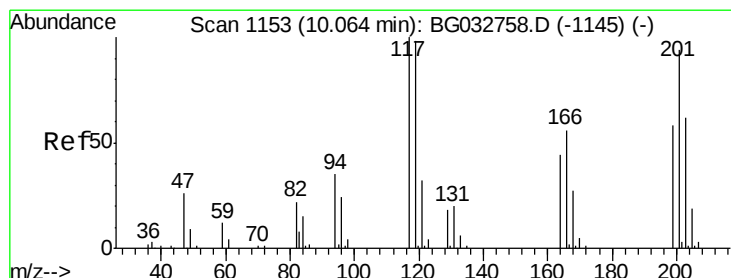
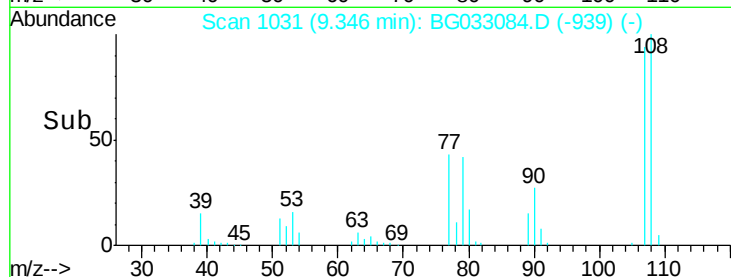
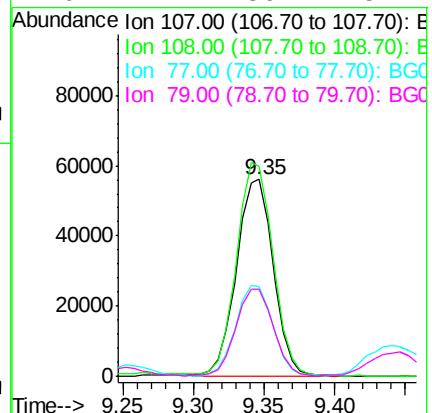
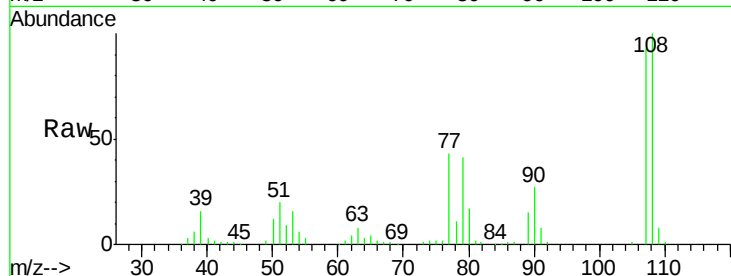




#17
2-Methylphenol
Concen: 37.497 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

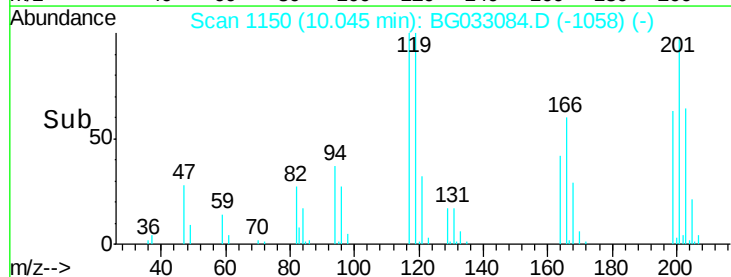
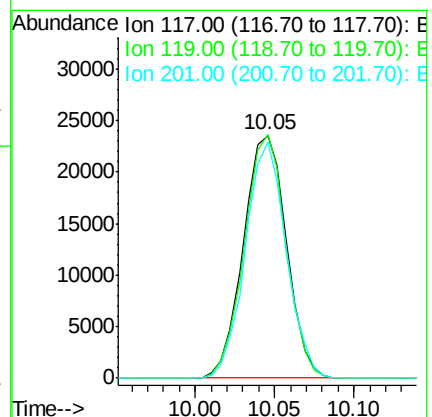
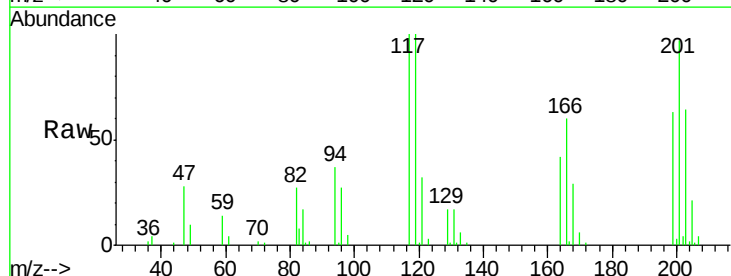
Instrument :
BNA_G
ClientSampleId :

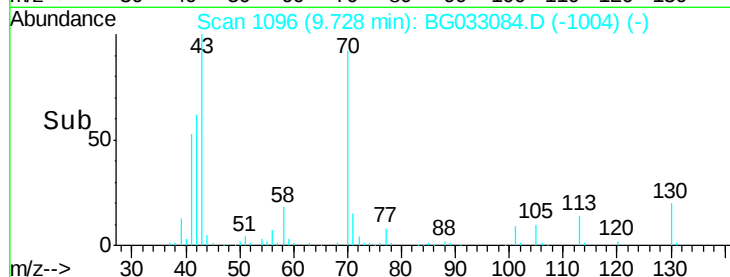
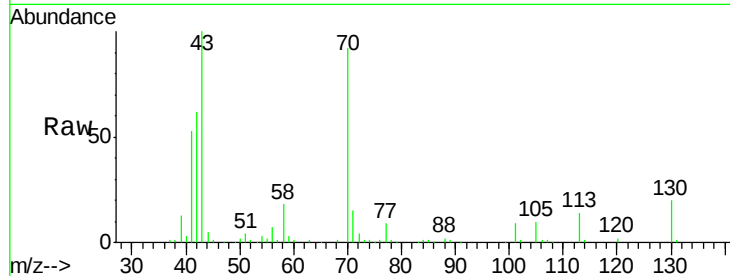
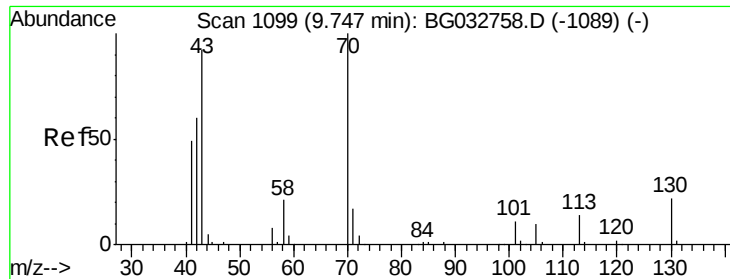
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	83.9	125.9
77	45.6	37.2	55.8
79	44.1	36.2	54.2



#18
Hexachloroethane
Concen: 38.207 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	76.7	115.1
201	97.5	95.7	143.5

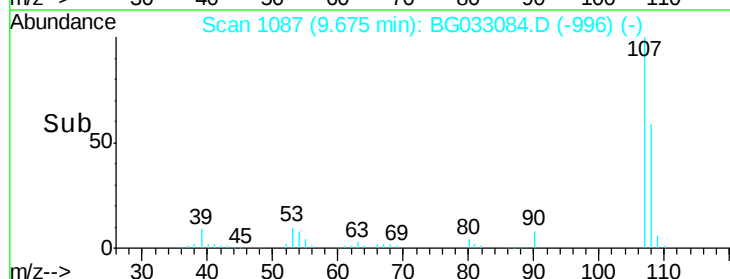
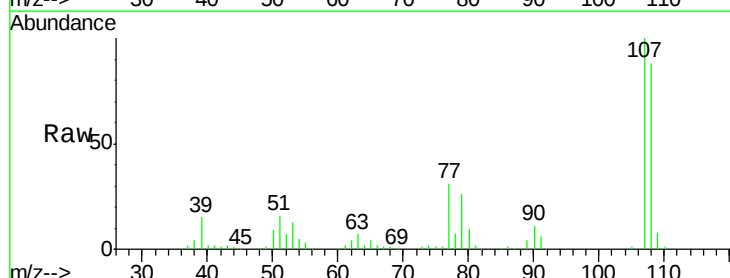
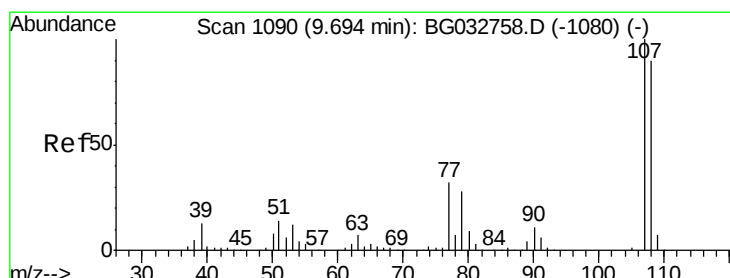
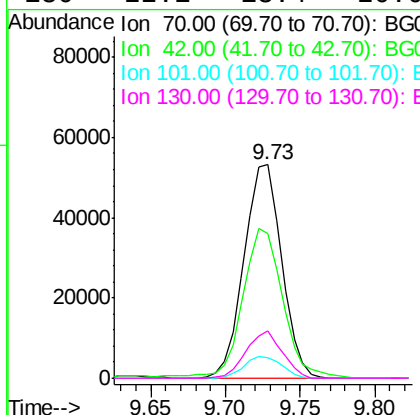




#19
n-Nitroso-di-n-propylamine
Concen: 35.857 ng
RT: 9.73 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

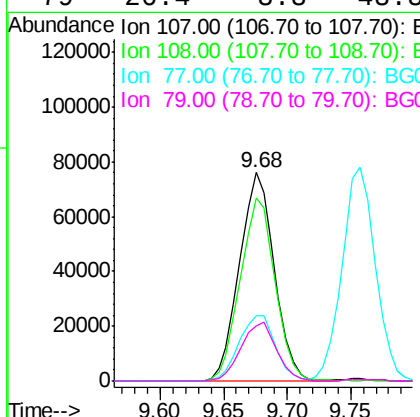
Instrument :
BNA_G
ClientSampleId :

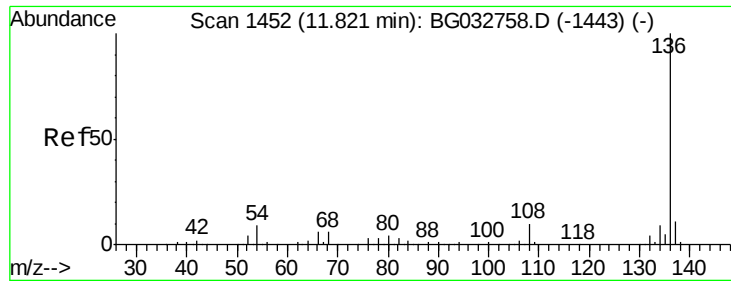
Tot Ion: 70 Resp: 93302
Ion Ratio Lower Upper
70 100
42 67.6 49.1 73.7
101 9.8 8.5 12.7
130 22.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 38.147 ng
RT: 9.68 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion: 107 Resp: 145320
Ion Ratio Lower Upper
107 100
108 88.2 61.6 101.6
77 31.4 13.9 53.9
79 26.4 8.8 48.8

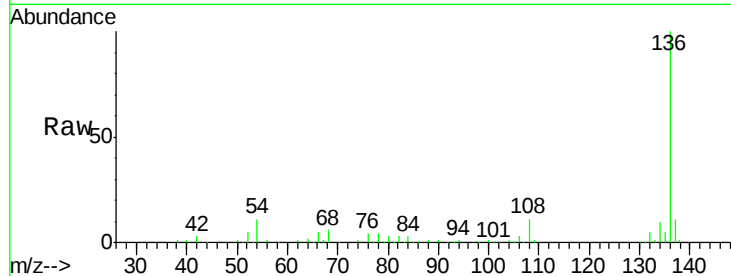




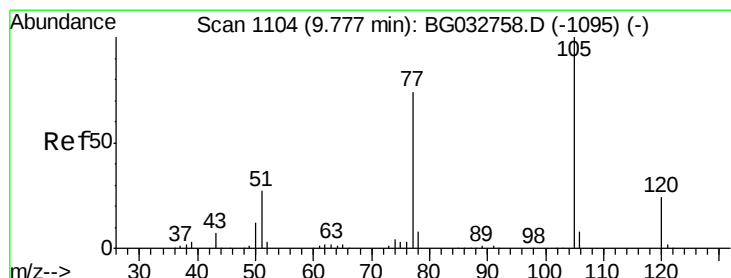
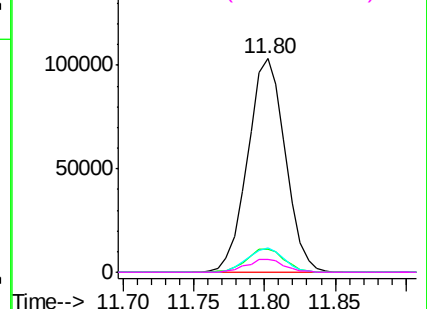
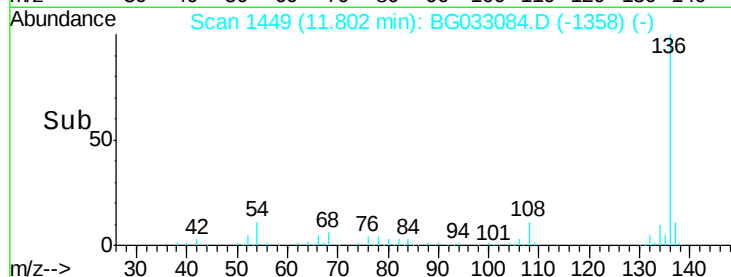
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	191952
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	11.2	10.3 15.5
68	6.3	4.5 6.7

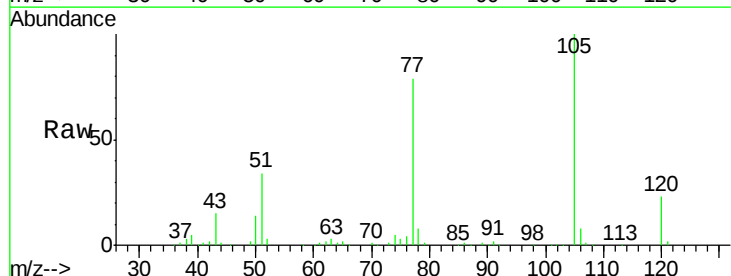


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

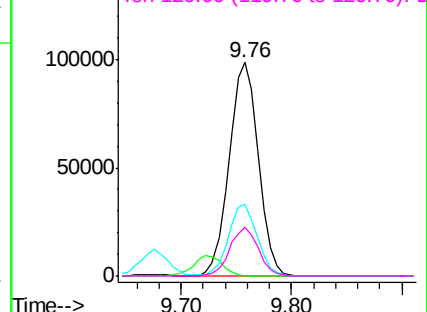
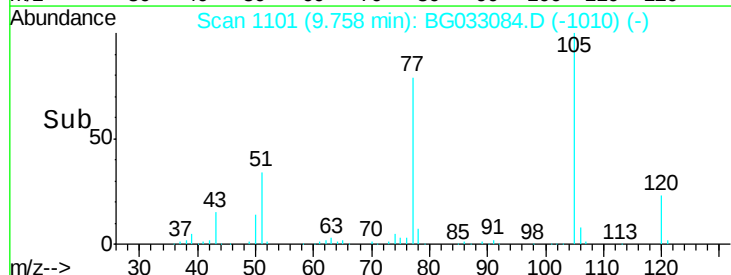


#22
Acetophenone
Concen: 37.667 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:105	Resp:	182601
Ion Ratio	Lower	Upper
105	100	
71	0.2	3.0 4.4#
51	33.8	26.1 39.1
120	23.1	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

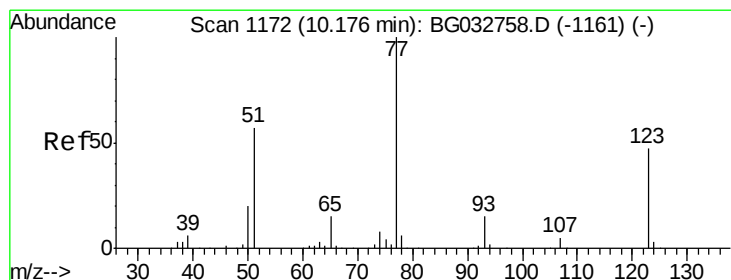
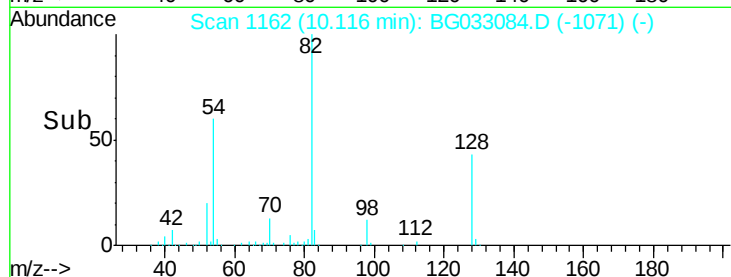
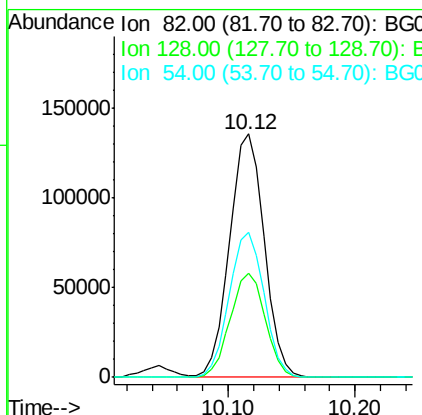
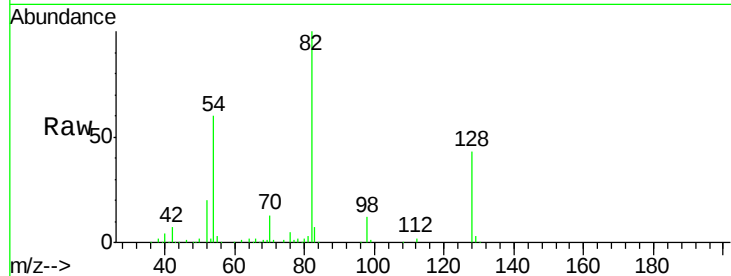




#23
 Nitrobenzene-d5
 Concen: 92.136 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

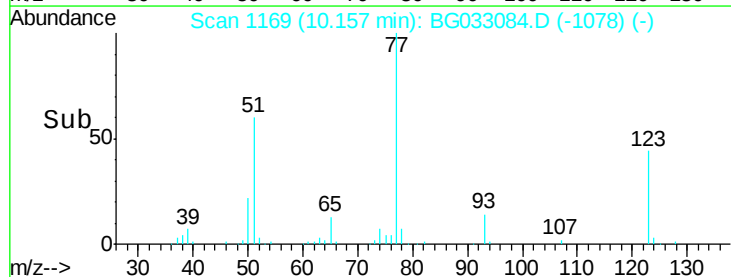
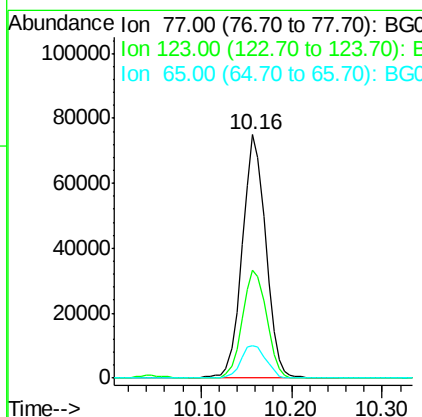
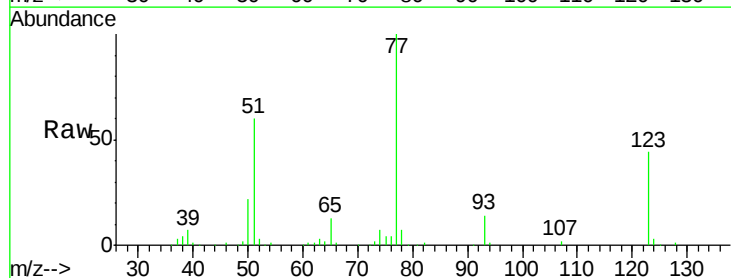
Instrument :
 BNA_G
 ClientSampleId :

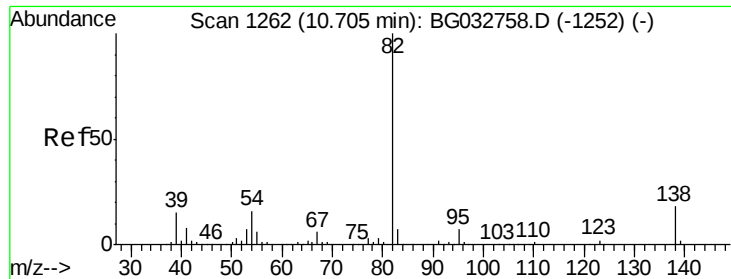
Tot Ion	82	Resp	257459
Ion Ratio	Lower	Upper	
82	100		
128	42.6	29.7	44.5
54	59.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 44.621 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion	77	Resp	135007
Ion Ratio	Lower	Upper	
77	100		
123	44.3	33.0	49.6
65	13.1	13.0	19.6





#25

Isophorone

Concen: 35.354 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

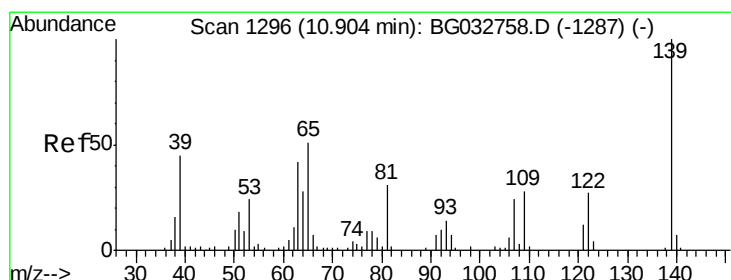
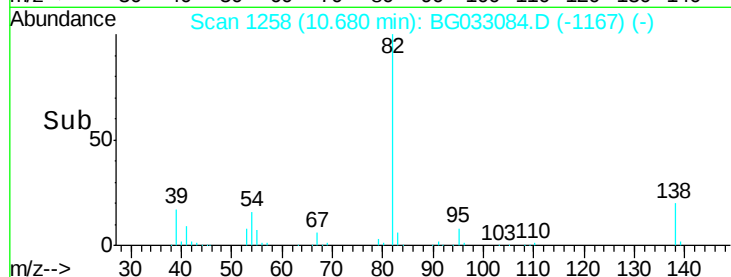
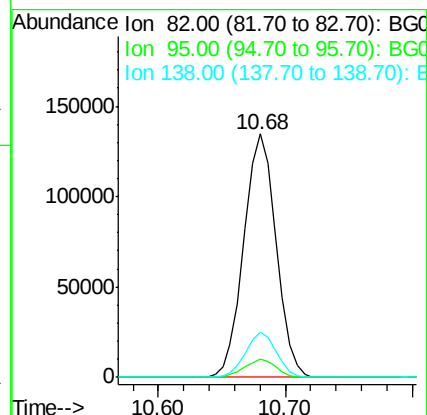
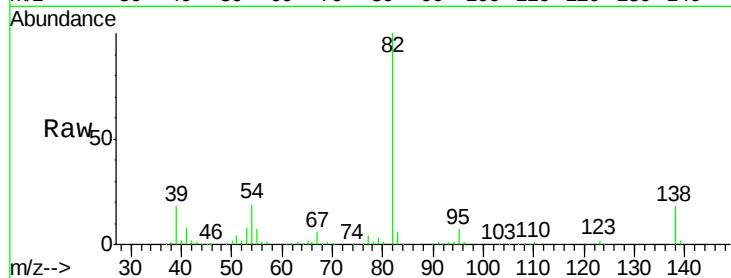
Tot Ion: 82 Resp: 238196

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 18.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.186 ng

RT: 10.89 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

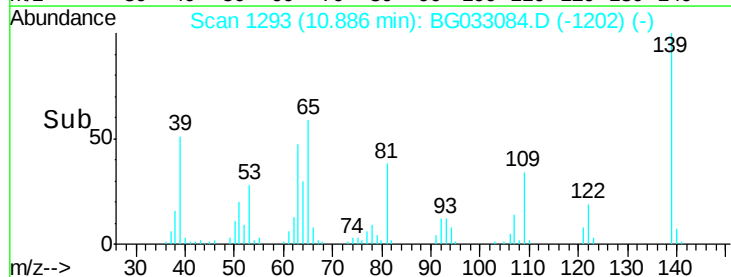
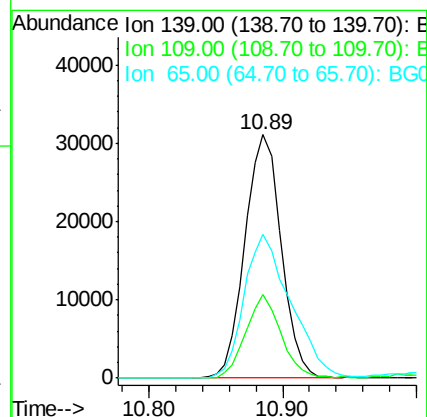
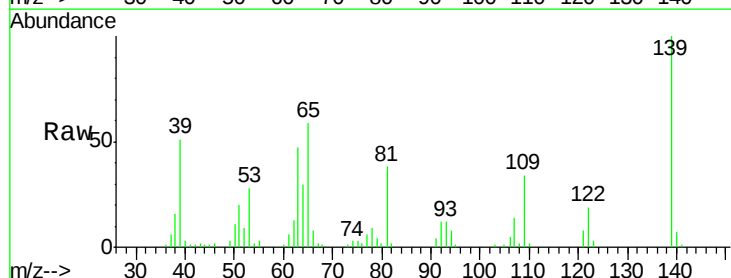
Tgt Ion: 139 Resp: 58154

Ion Ratio Lower Upper

139 100

109 34.3 24.2 36.2

65 58.9 47.4 71.0

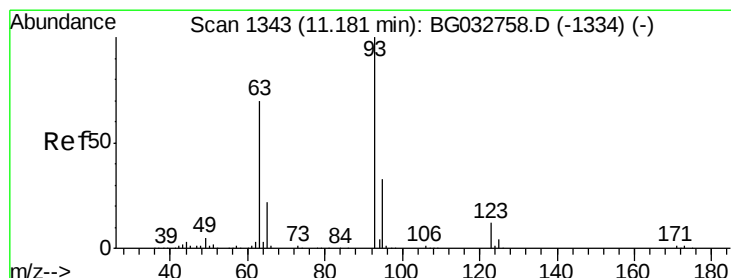
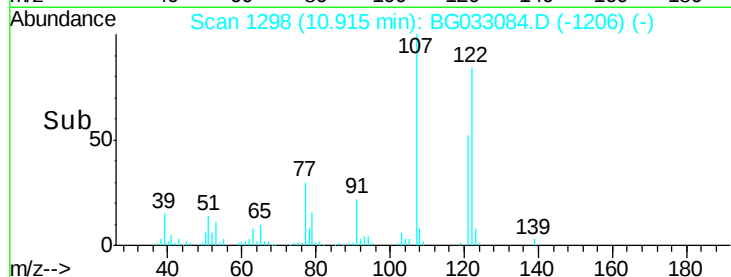
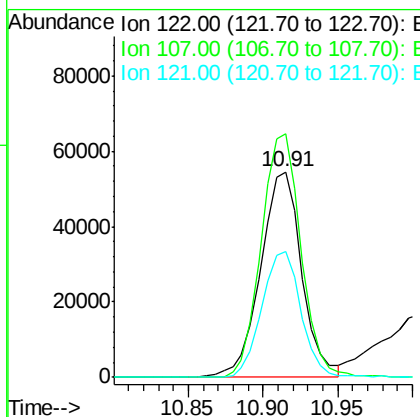
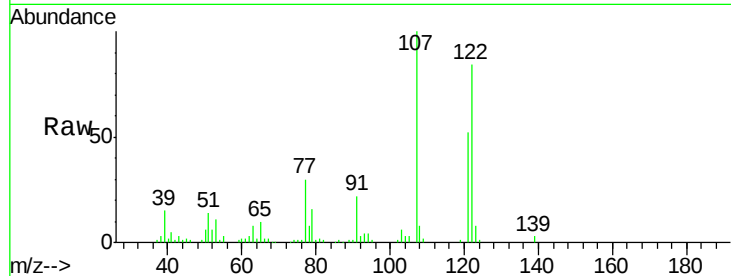




#27
2,4-Dimethylphenol
Concen: 35.600 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

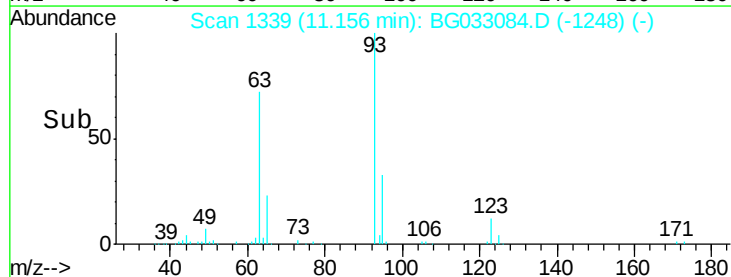
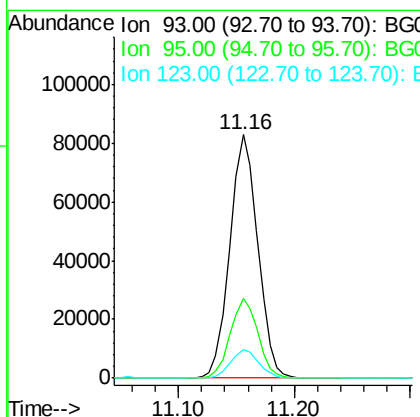
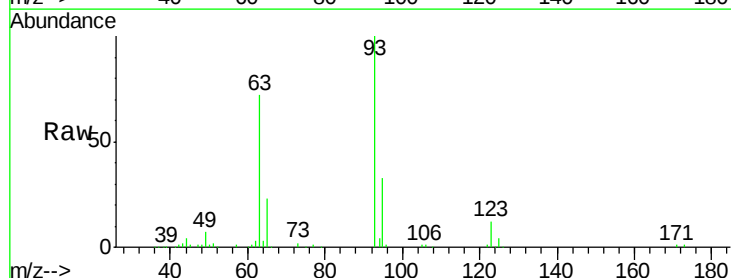
Instrument :
BNA_G
ClientSampleId :

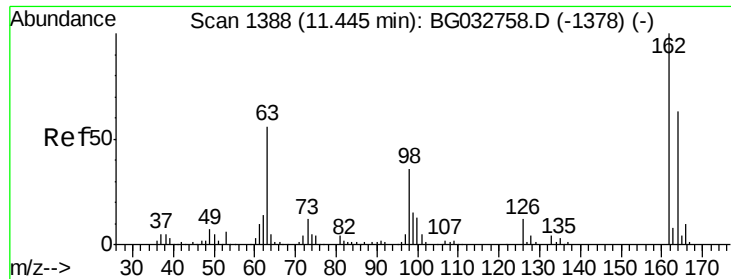
Tot Ion:122 Resp: 104195
Ion Ratio Lower Upper
122 100
107 118.6 100.2 150.2
121 61.2 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 35.339 ng
RT: 11.16 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion: 93 Resp: 138703
Ion Ratio Lower Upper
93 100
95 32.5 24.3 36.5
123 11.8 8.4 12.6

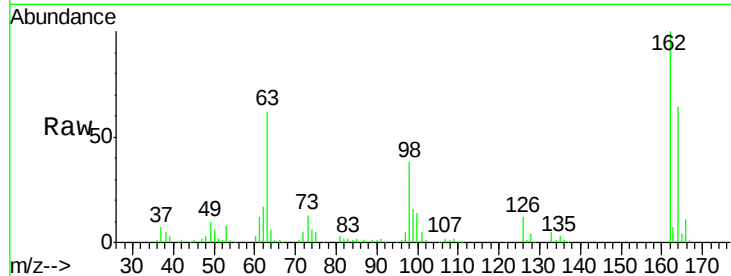




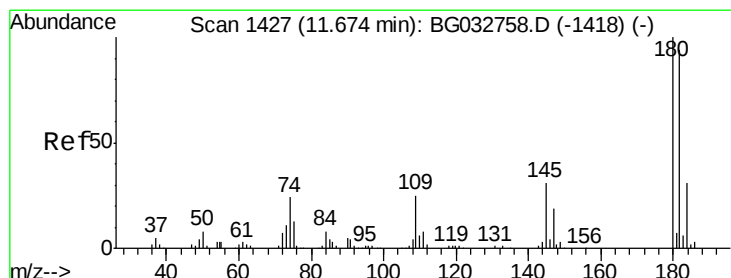
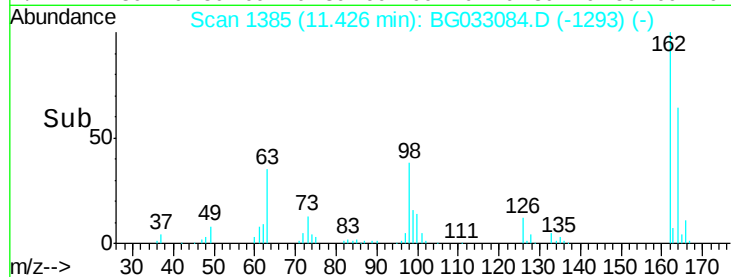
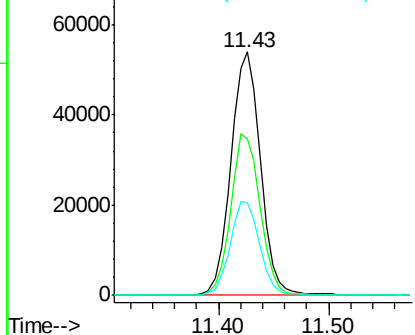
#29
 2,4-Dichlorophenol
 Concen: 38.253 ng
 RT: 11.43 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 101614
 Ion Ratio Lower Upper
 162 100
 164 64.1 48.0 88.0
 98 37.9 21.1 61.1

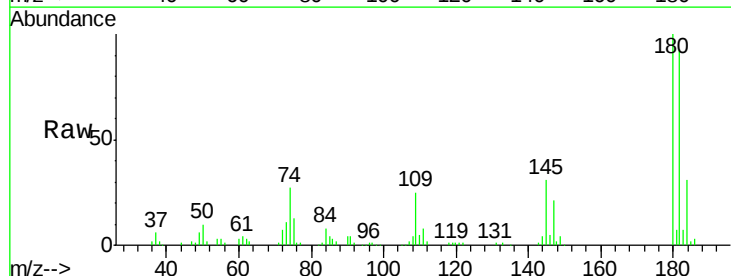


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

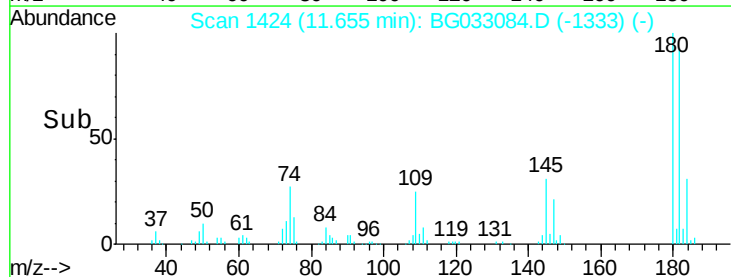
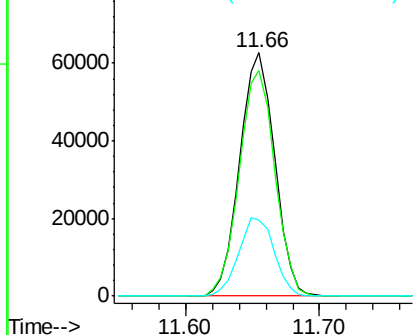


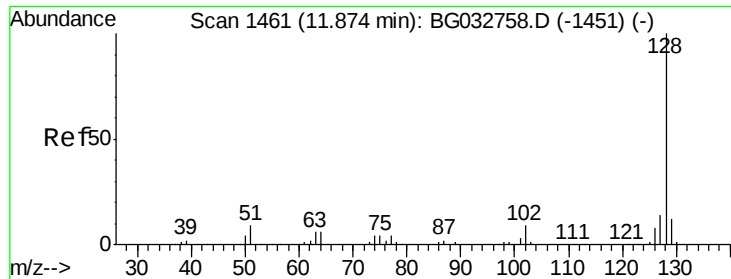
#30
 1,2,4-Trichlorobenzene
 Concen: 36.455 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:180 Resp: 113515
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.5 116.3
 145 31.4 23.4 35.2



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

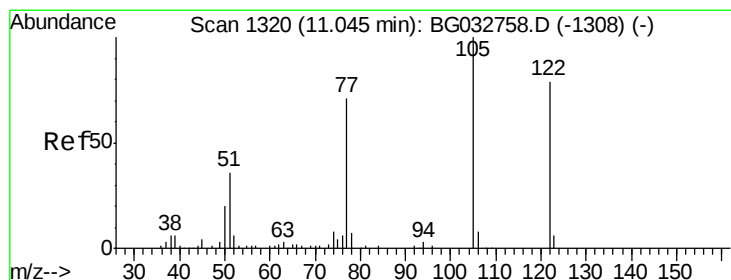
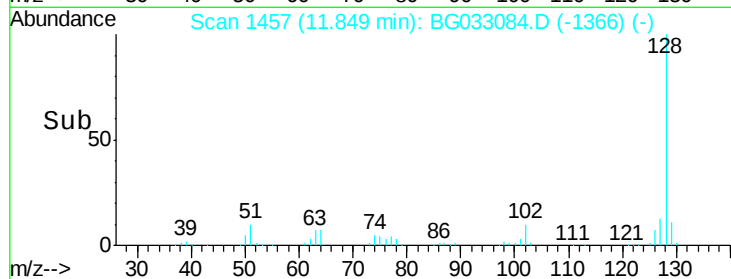
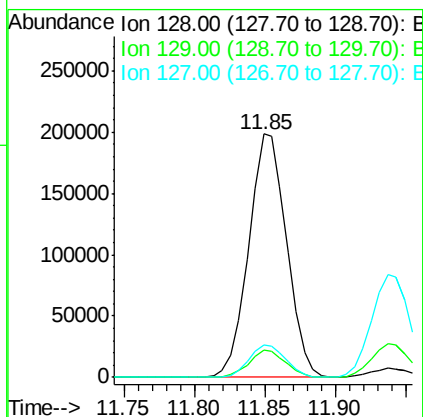
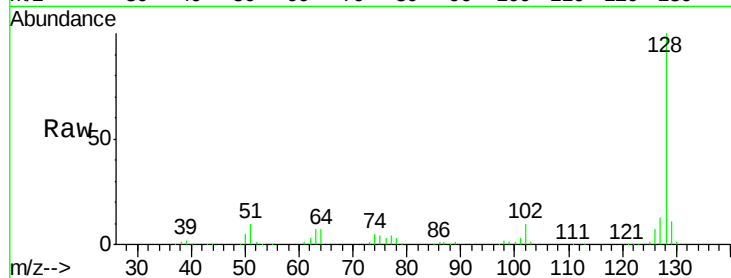




#31
Naphthalene
Concen: 37.120 ng
RT: 11.85 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

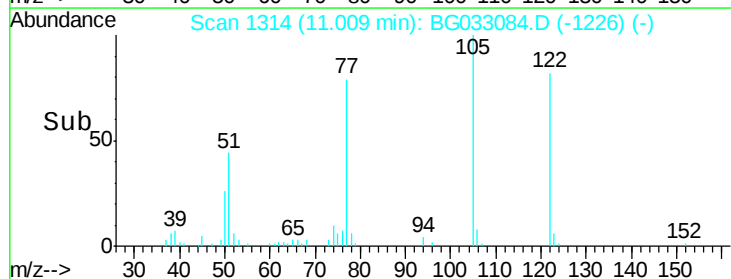
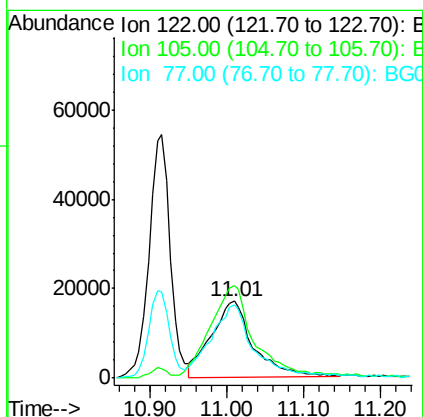
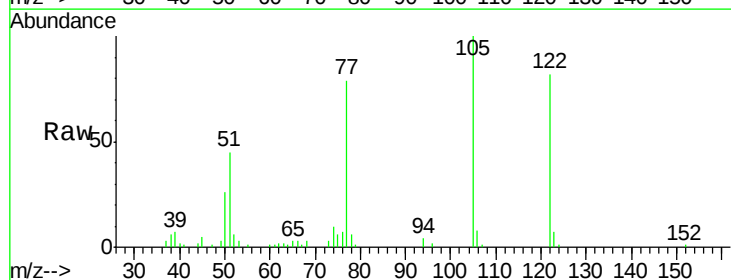
Instrument :
BNA_G
ClientSampleId :

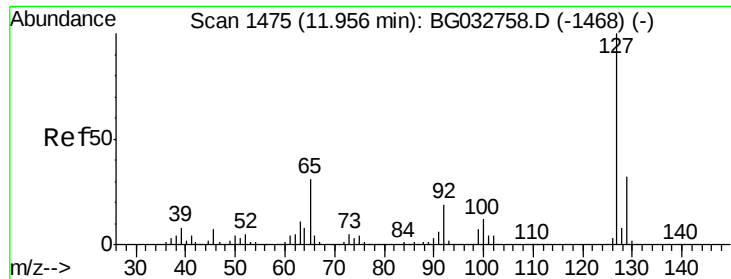
Tot Ion:128 Resp: 372317
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 38.558 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:122 Resp: 63626
Ion Ratio Lower Upper
122 100
105 121.2 123.5 163.5#
77 95.5 85.7 125.7

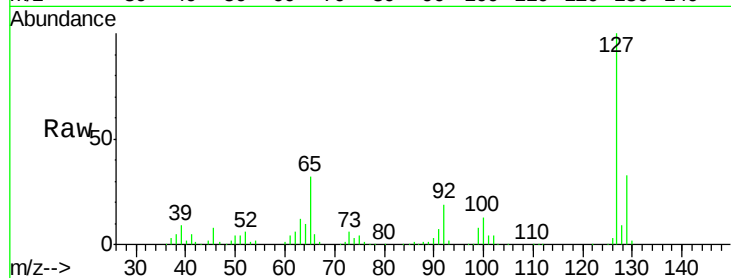




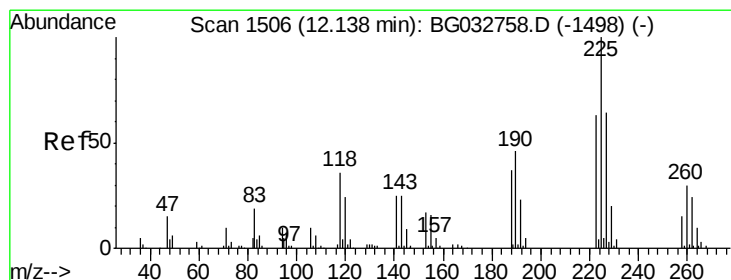
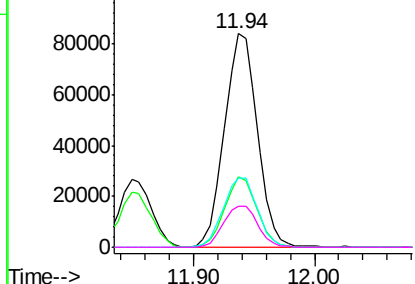
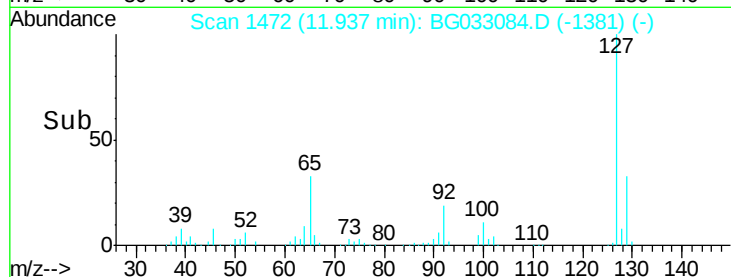
#33
4-Chloroaniline
Concen: 35.306 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	158339
Ion	Ratio	Lower Upper
127	100	
129	32.7	24.0 36.0
65	32.4	27.0 40.4
92	19.4	16.6 25.0

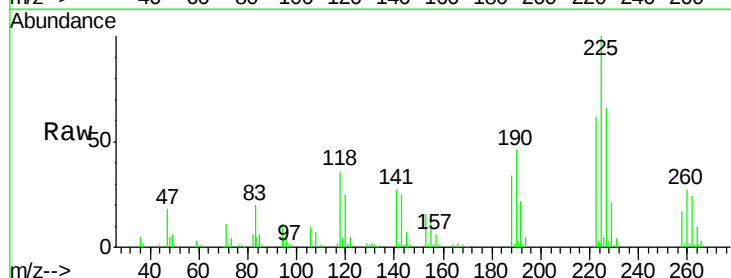


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

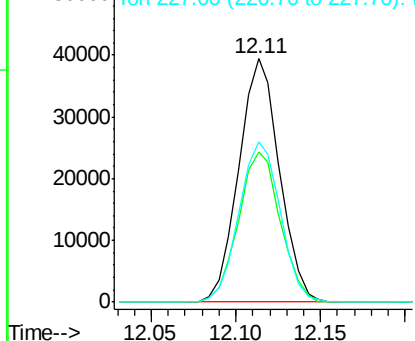
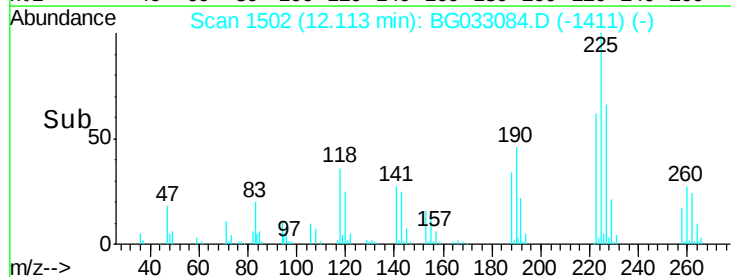


#34
Hexachlorobutadiene
Concen: 37.738 ng
RT: 12.11 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:225	Resp:	65912
Ion	Ratio	Lower Upper
225	100	
223	61.8	49.7 74.5
227	65.9	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: 38.155 ng

RT: 12.68 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampled :

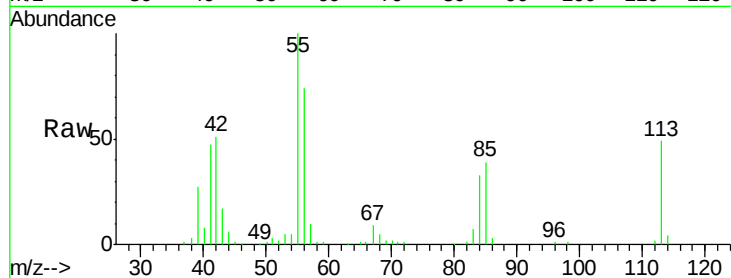
Tot Ion:113 Resp: 40583

Ion Ratio Lower Upper

113 100

55 205.8 186.9 226.9

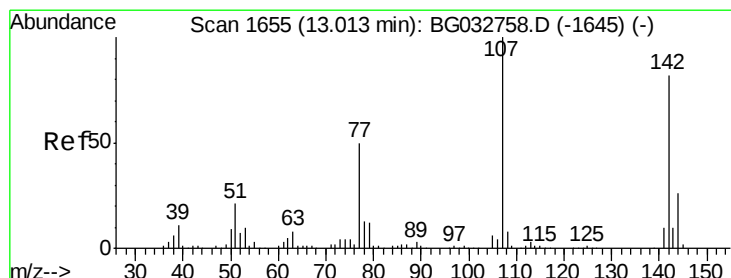
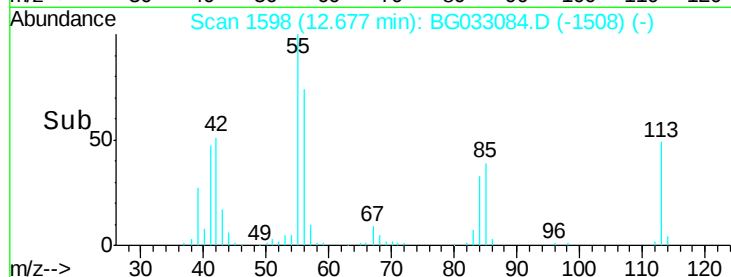
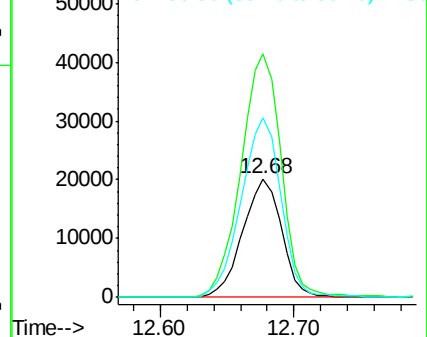
56 152.1 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.775 ng

RT: 12.99 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

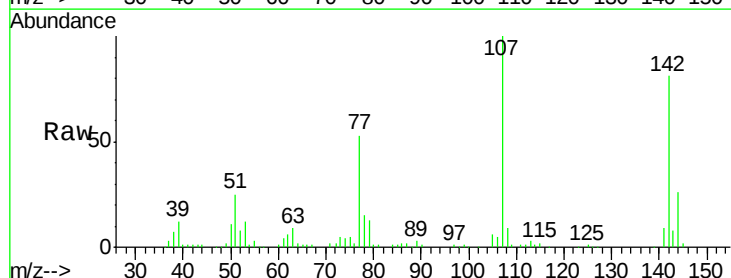
Tgt Ion:107 Resp: 126045

Ion Ratio Lower Upper

107 100

144 26.5 18.2 27.4

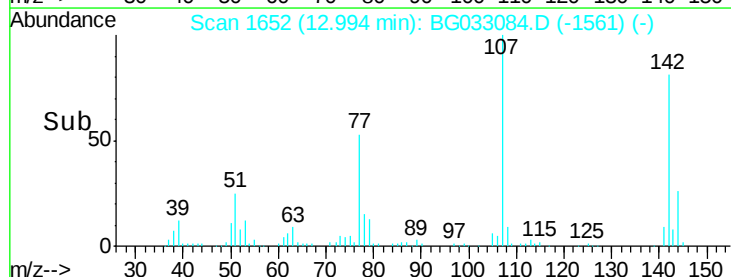
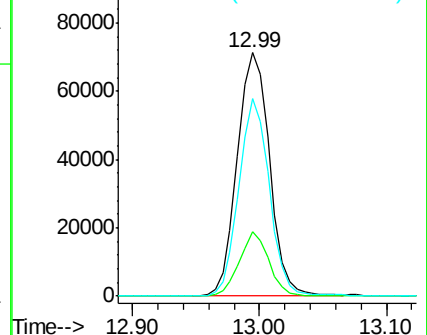
142 80.9 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

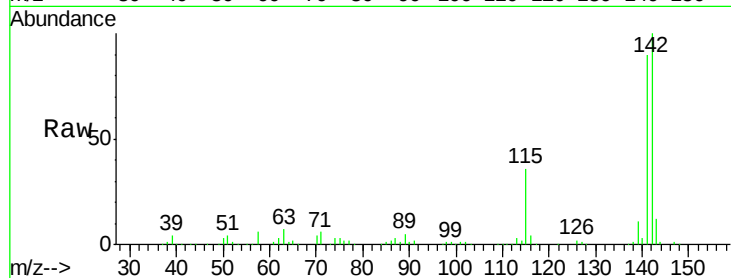




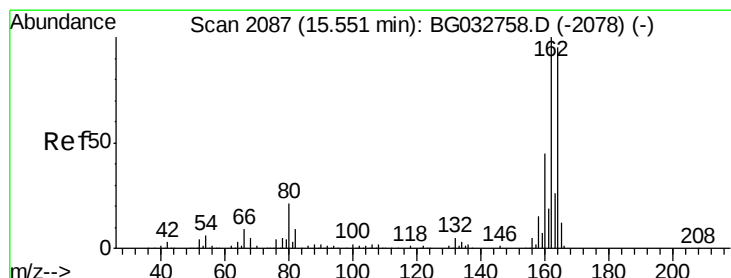
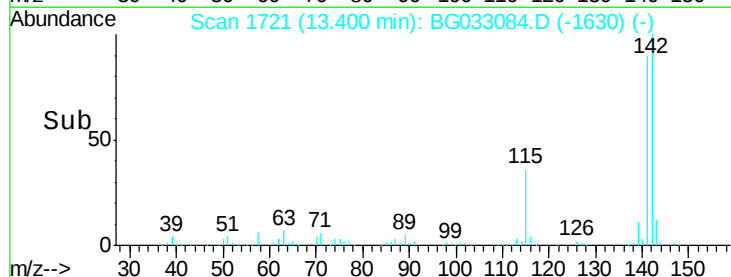
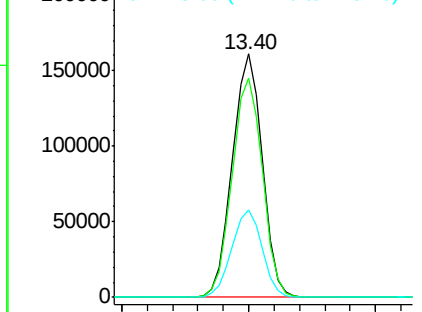
#37
2-Methylnaphthalene
Concen: 36.109 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.1	100.7
115	35.7	30.7	46.1

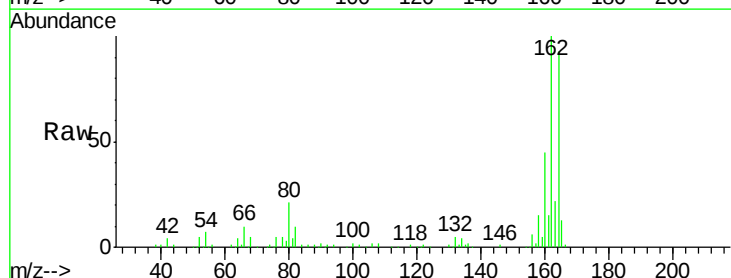


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

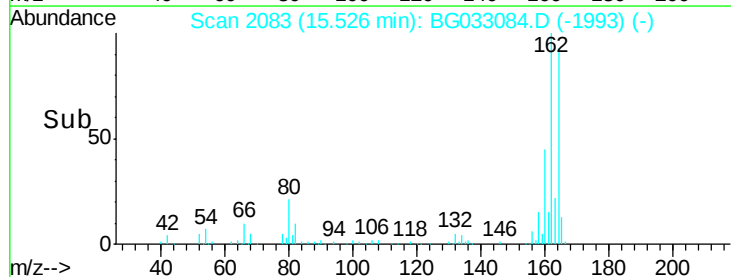
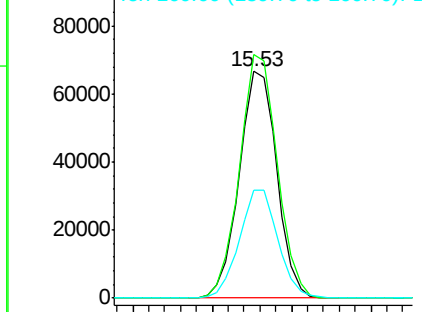


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	78.8	118.2
160	47.9	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.915 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033084.D

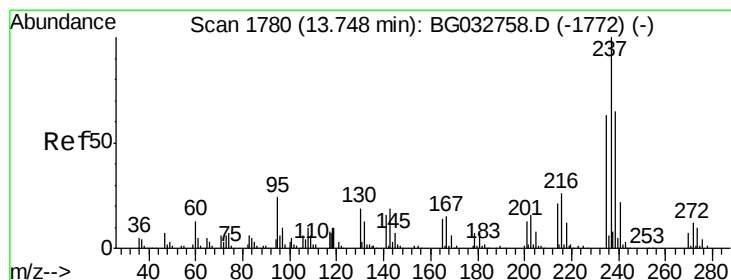
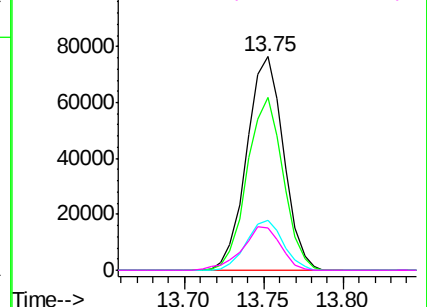
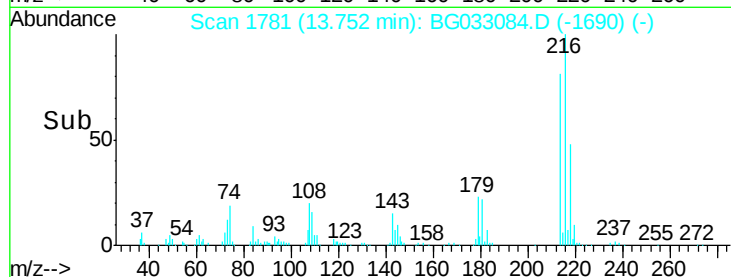
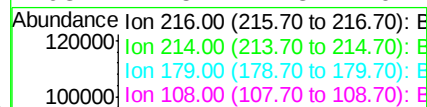
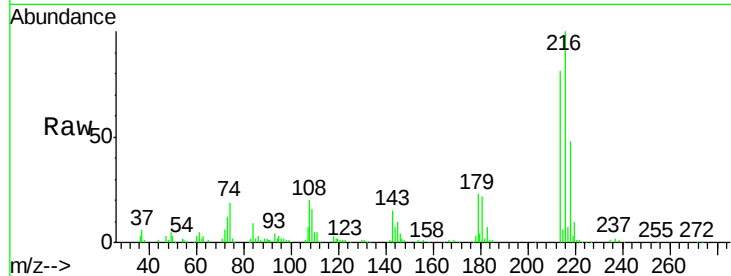
Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	123279
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	23.2	17.0	25.6
108	21.5	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 37.860 ng

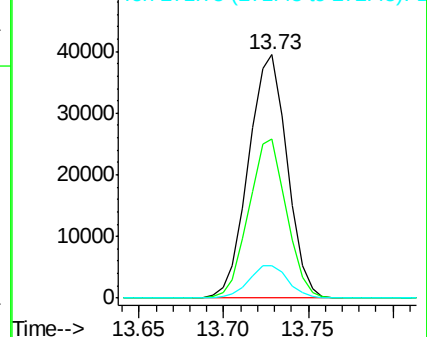
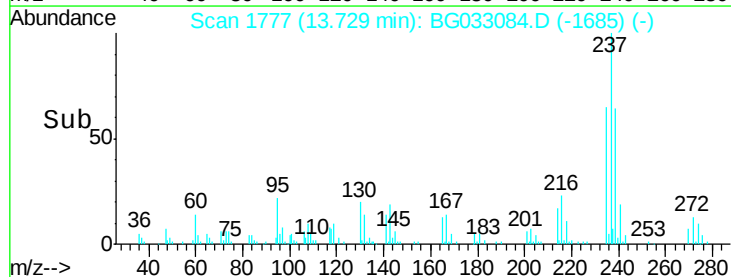
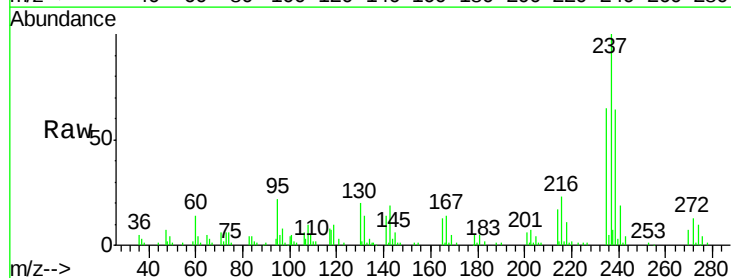
RT: 13.73 min Scan# 1777

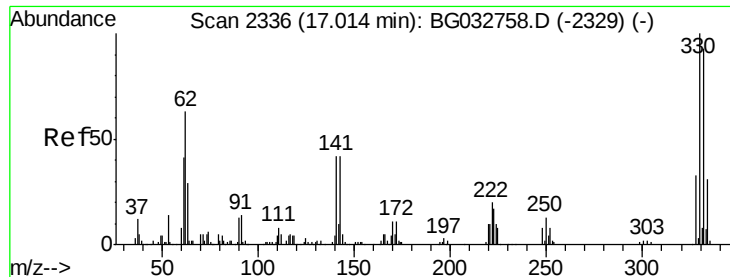
Delta R.T. 0.01 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Tgt Ion:	237	Resp:	62737
Ion	Ratio	Lower	Upper
237	100		
235	65.2	50.4	90.4
272	13.4	0.0	31.8

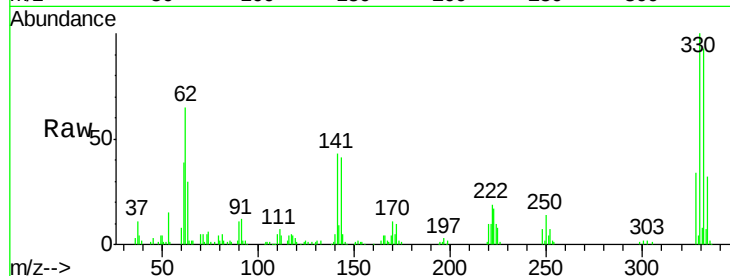




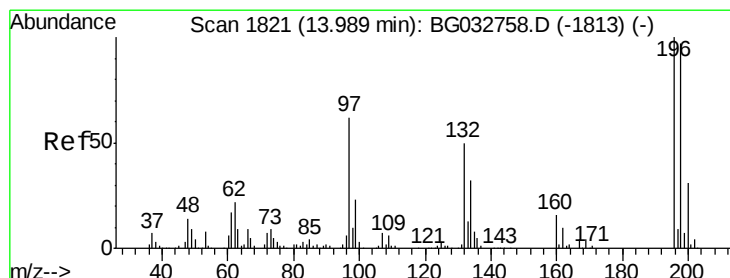
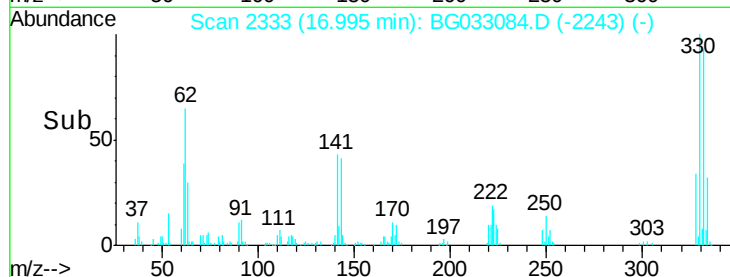
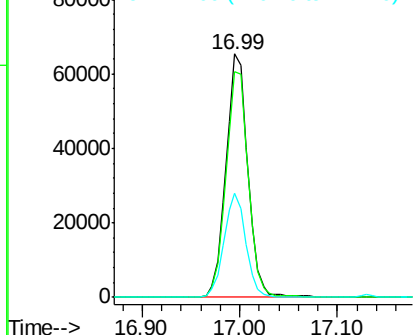
#41
 2,4,6-Tribromophenol
 Concen: 88.202 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 101581
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 42.2 25.2 37.8#

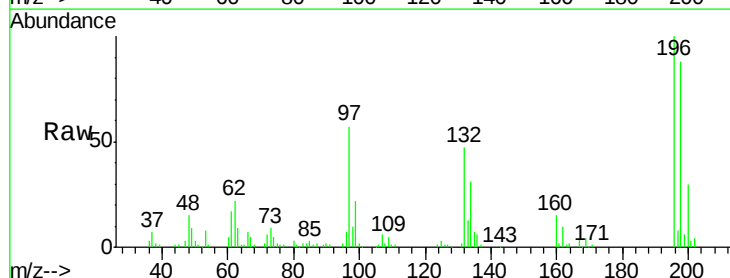


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

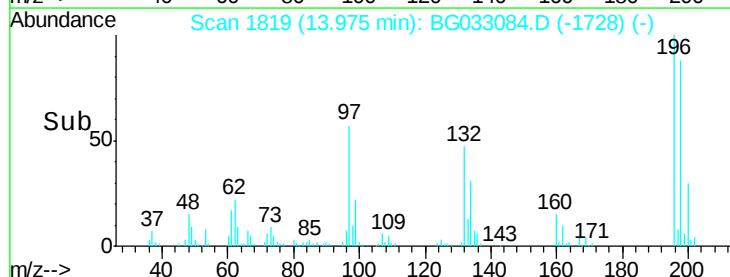
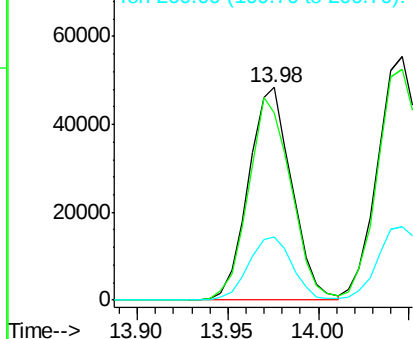


#42
 2,4,6-Trichlorophenol
 Concen: 39.090 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:196 Resp: 80153
 Ion Ratio Lower Upper
 196 100
 198 87.9 78.2 117.2
 200 29.7 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

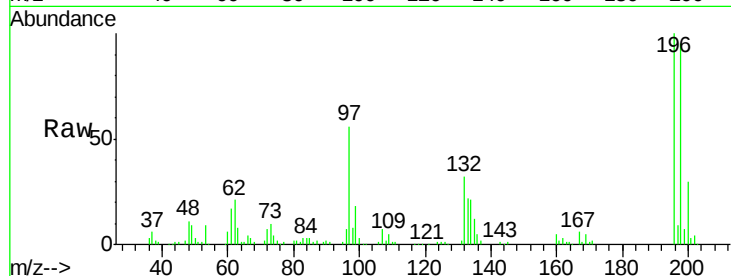




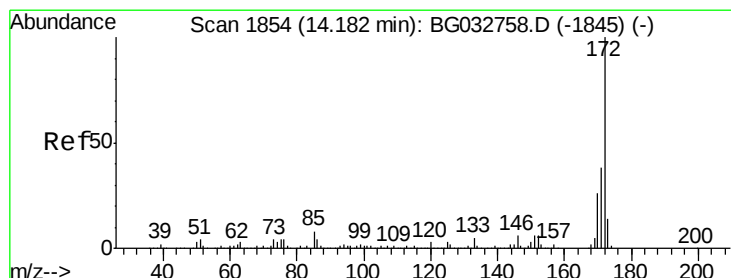
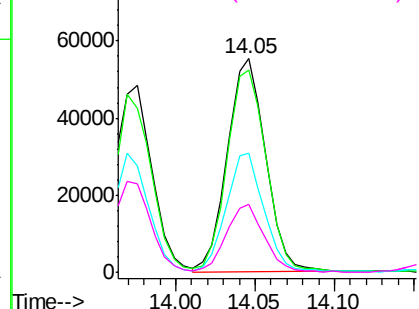
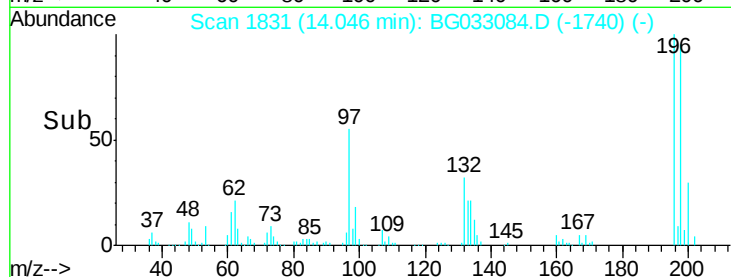
#43
 2,4,5-Trichlorophenol
 Concen: 38.861 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 92224
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.4
 97 55.7 38.7 58.1
 132 32.0 20.2 30.2#

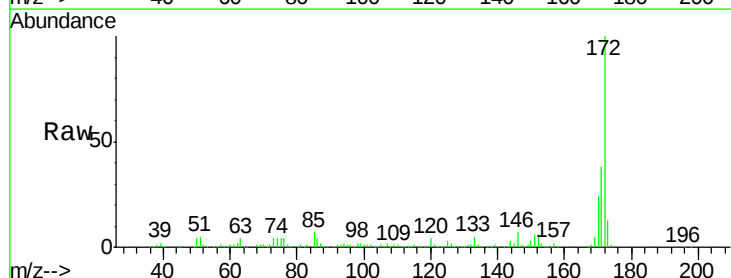


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

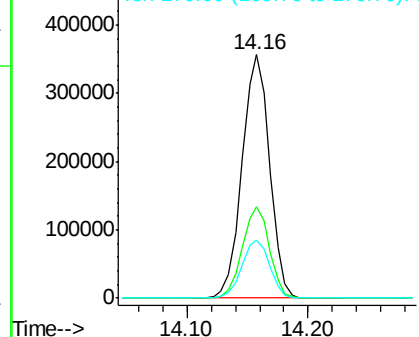
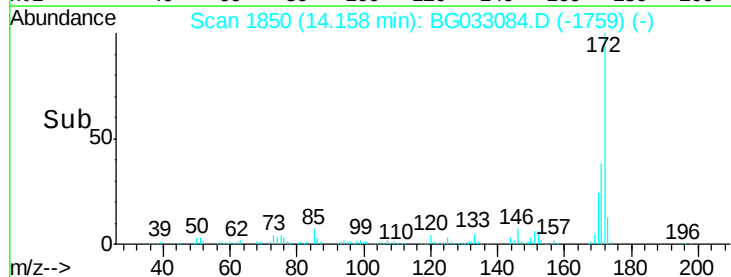


#44
 2-Fluorobiphenyl
 Concen: 74.180 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:172 Resp: 563355
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.1 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: 36.388 ng

RT: 14.37 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

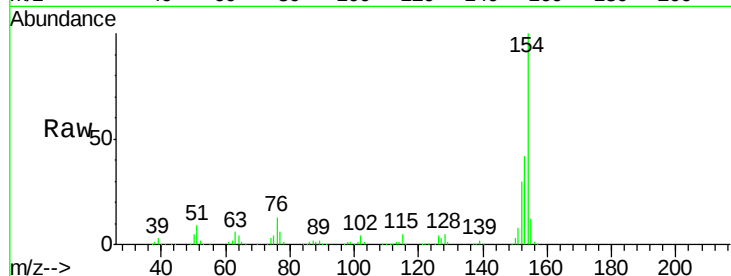
Tot Ion:154 Resp: 348285

Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

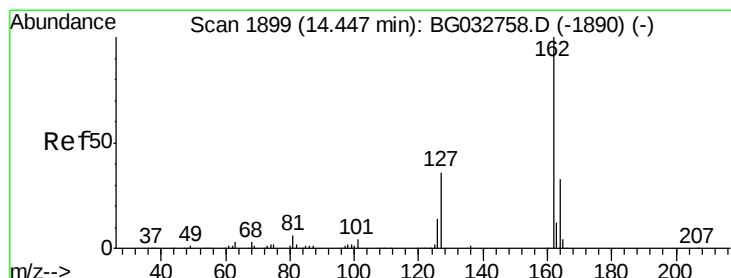
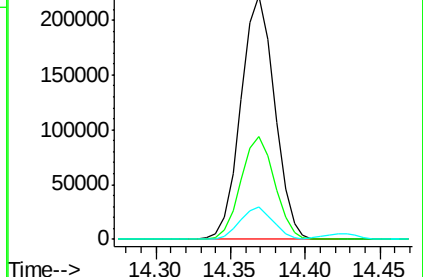
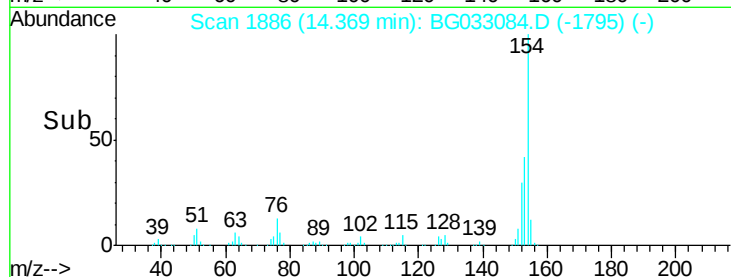
76 13.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 36.429 ng

RT: 14.42 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

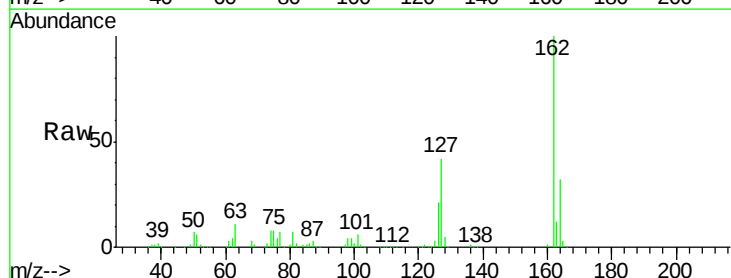
Tgt Ion:162 Resp: 260461

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

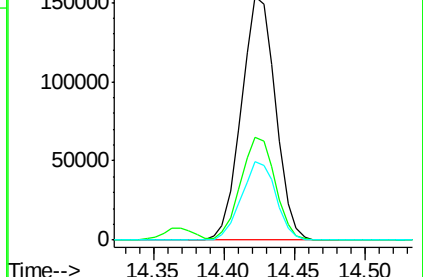
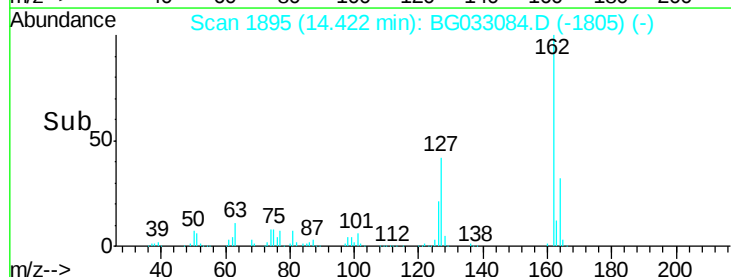
164 32.3 26.0 39.0



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: 51.056 ng

RT: 14.60 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

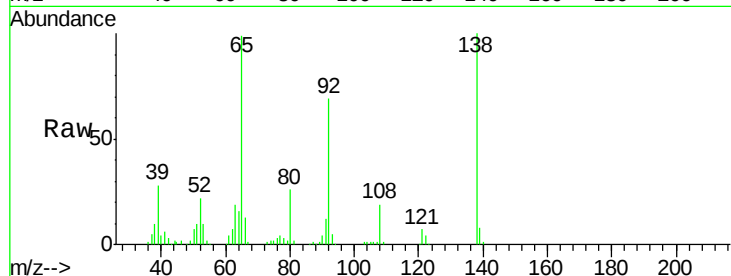
Tot Ion: 65 Resp: 93481

Ion Ratio Lower Upper

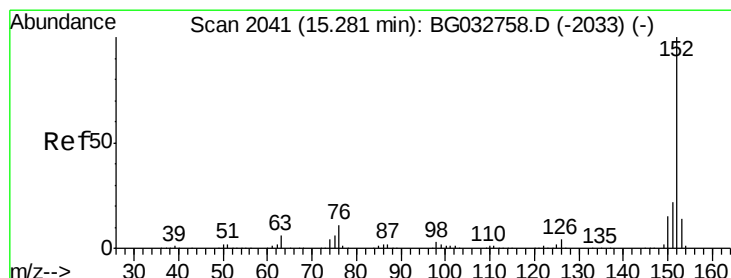
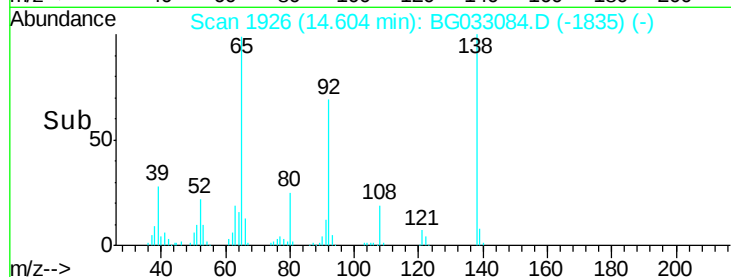
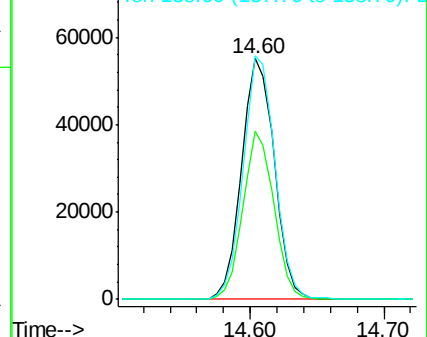
65 100

92 69.5 54.6 82.0

138 101.1 72.9 109.3



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



#48

Acenaphthylene

Concen: 37.155 ng

RT: 15.26 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

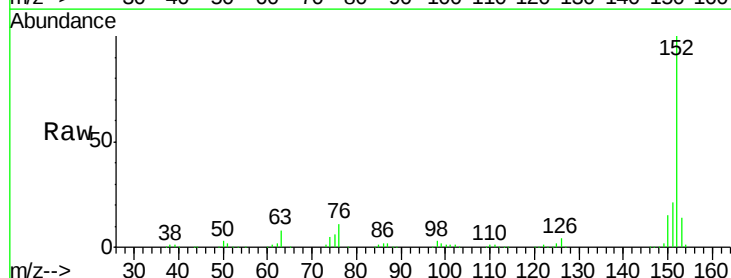
Tgt Ion: 152 Resp: 434925

Ion Ratio Lower Upper

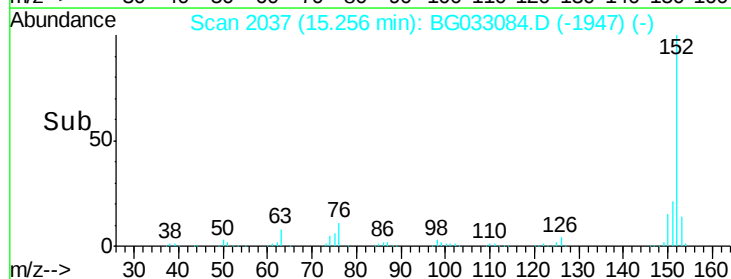
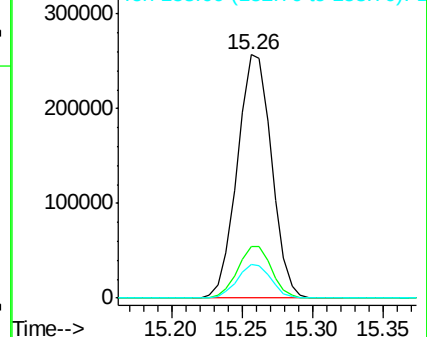
152 100

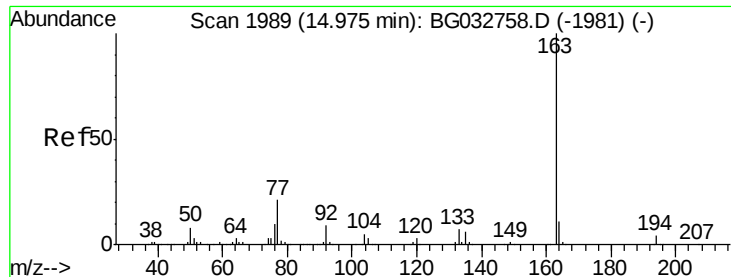
151 21.1 17.2 25.8

153 13.8 10.2 15.4



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





#49

Dimethylphthalate

Concen: 35.858 ng

RT: 14.95 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

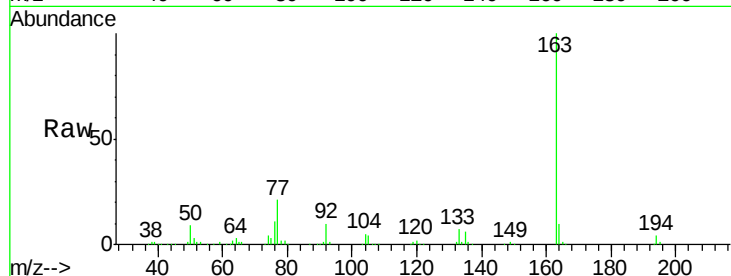
Instrument :

BNA_G

ClientSampleId :

Tot Ion:163 Resp: 333491

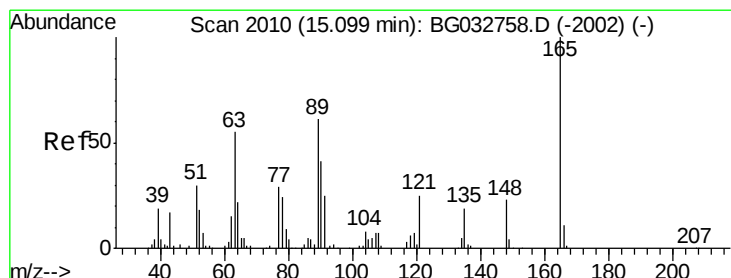
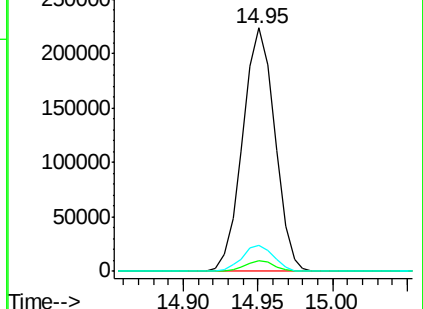
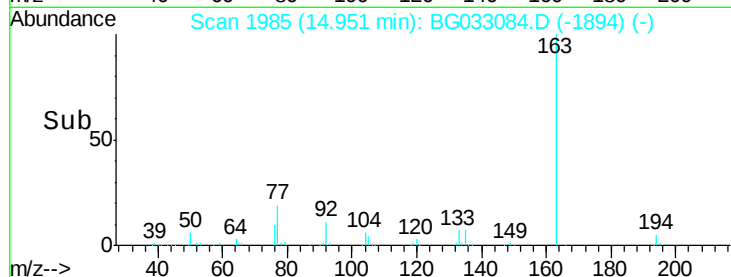
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.469 ng

RT: 15.08 min Scan# 2007

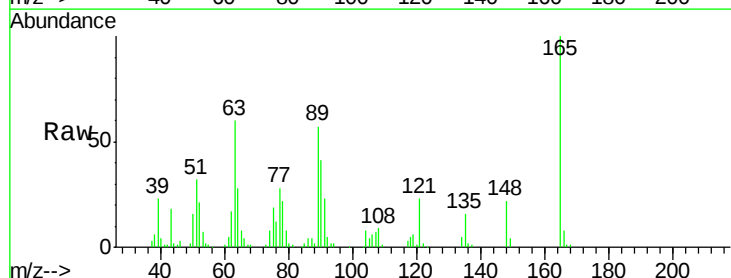
Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Tgt Ion:165 Resp: 72885

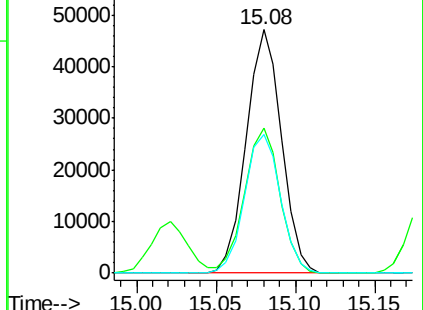
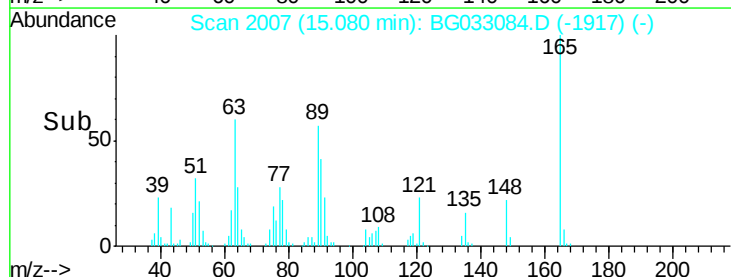
Ion	Ratio	Lower	Upper
165	100		
63	59.8	52.7	79.1
89	57.1	49.2	73.8

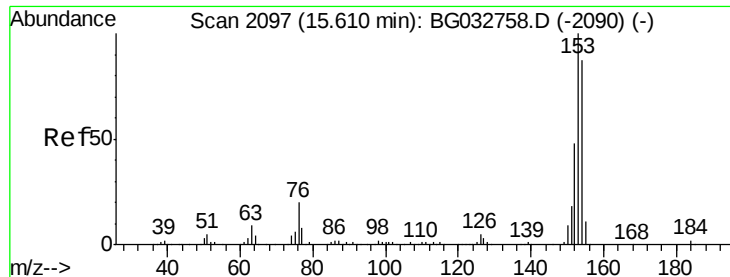


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 36.432 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampled :

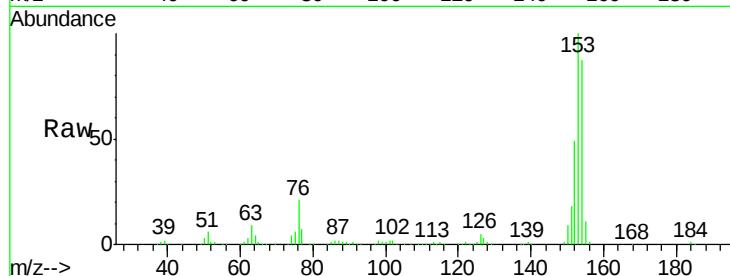
Tot Ion:154 Resp: 265595

Ion Ratio Lower Upper

154 100

153 115.3 90.4 135.6

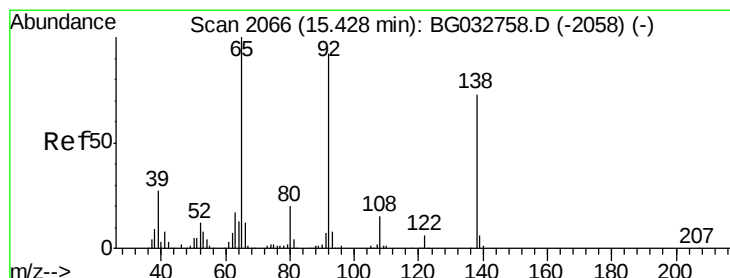
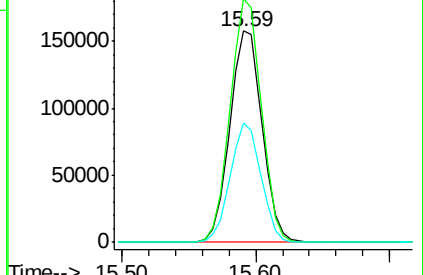
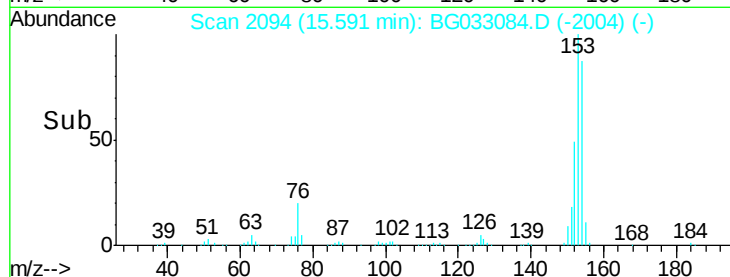
152 56.3 41.6 62.4



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: 45.258 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

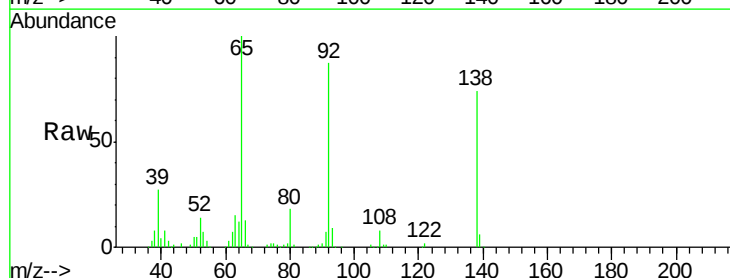
Tgt Ion:138 Resp: 85213

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

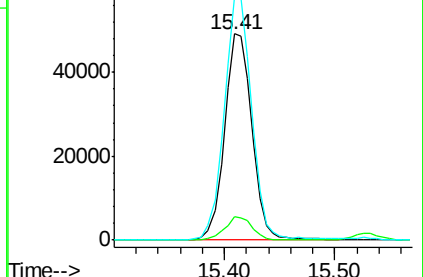
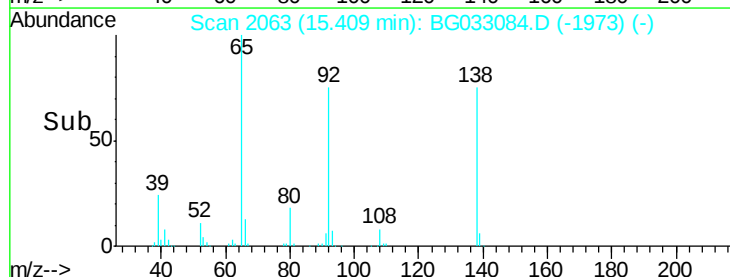
92 117.9 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

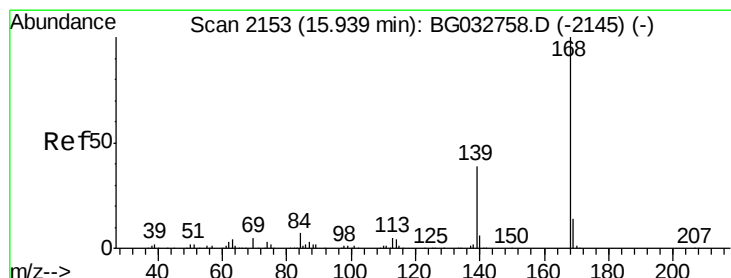
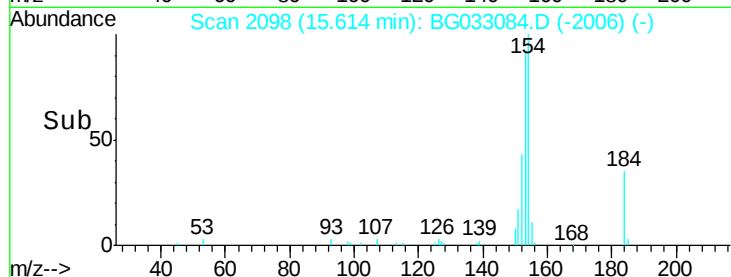
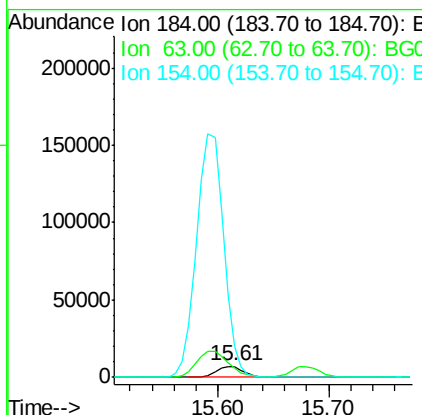
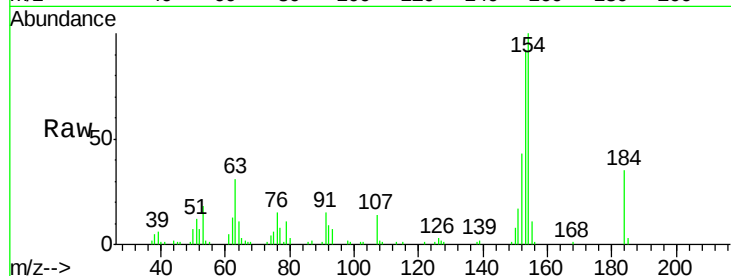




#53
 2,4-Dinitrophenol
 Concen: 35.754 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

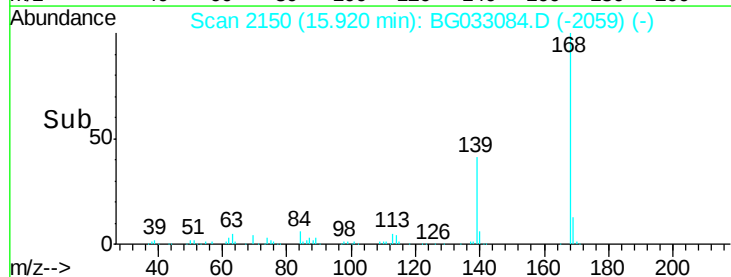
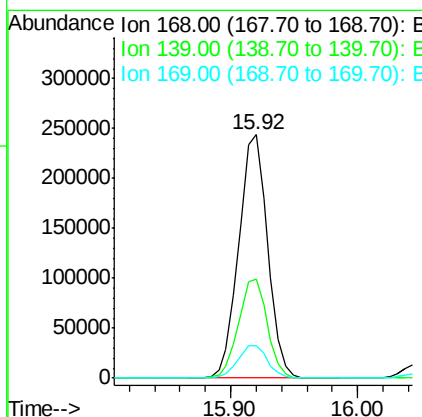
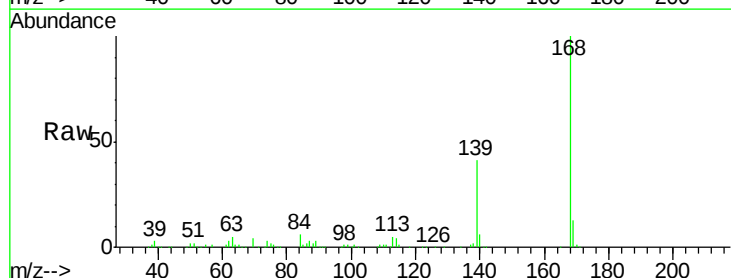
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 13281
 Ion Ratio Lower Upper
 184 100
 63 86.7 59.8 89.8
 154 284.1 101.8 152.8#



#54
 Dibenzofuran
 Concen: 37.013 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:168 Resp: 384207
 Ion Ratio Lower Upper
 168 100
 139 40.9 28.6 43.0
 169 13.4 11.2 16.8

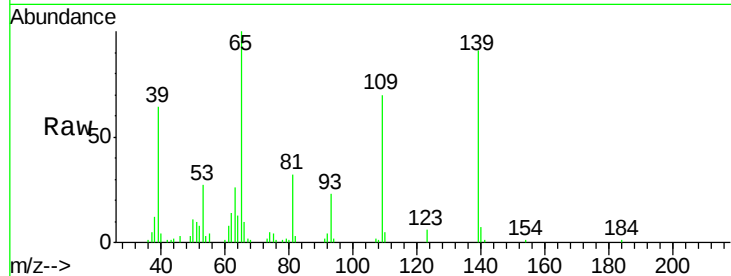




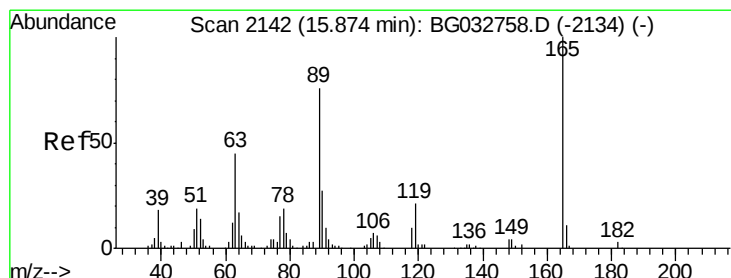
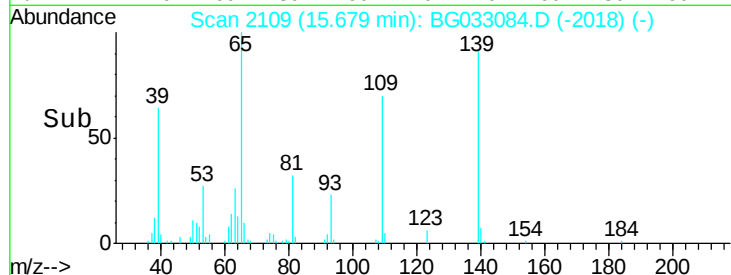
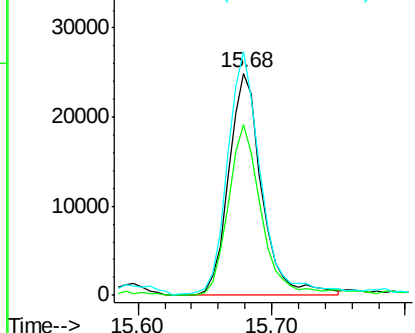
#55
4-Nitrophenol
Concen: 32.831 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 43025
Ion Ratio Lower Upper
139 100
109 76.6 62.2 102.2
65 109.6 97.2 137.2

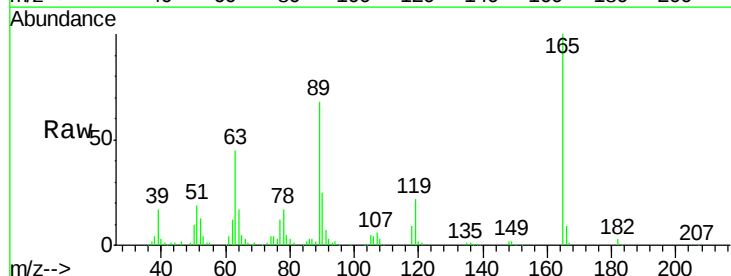


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

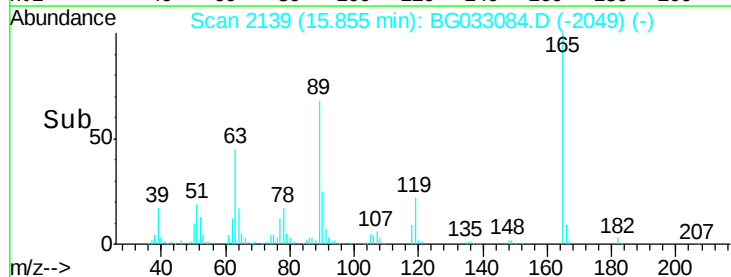
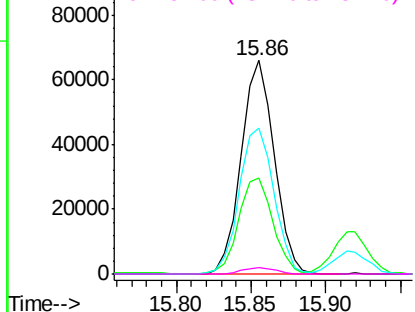


#56
2,4-Dinitrotoluene
Concen: 54.417 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:165 Resp: 101354
Ion Ratio Lower Upper
165 100
63 44.8 42.0 63.0
89 68.3 66.9 100.3
182 2.8 2.6 3.8



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





#57

Fluorene

Concen: 37.054 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

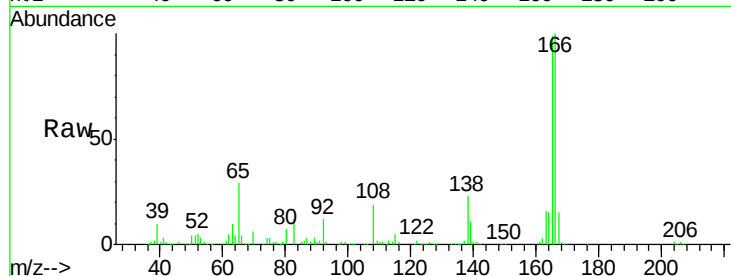
Tot Ion:166 Resp: 317456

Ion Ratio Lower Upper

166 100

165 99.1 80.6 121.0

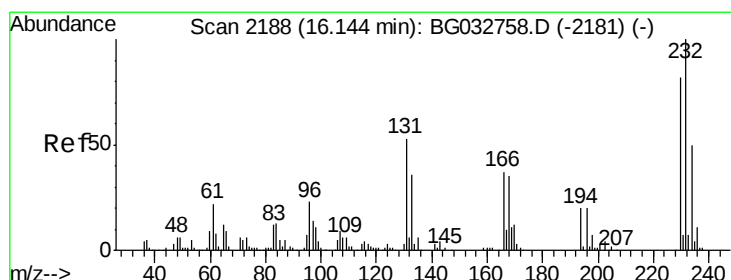
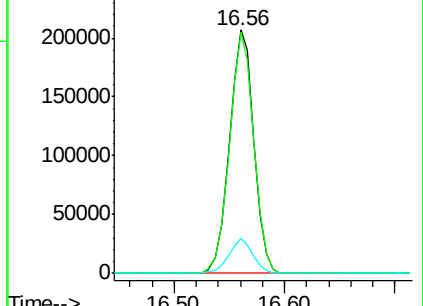
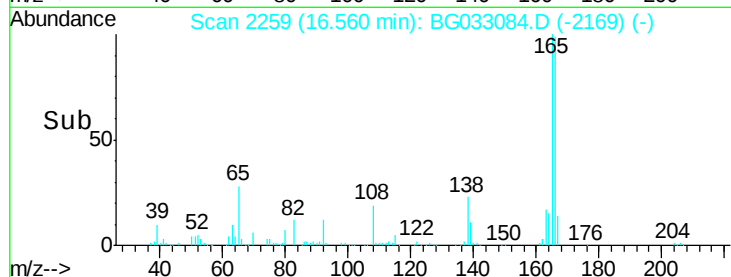
167 14.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.903 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.08 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Tgt Ion:232 Resp: 75365

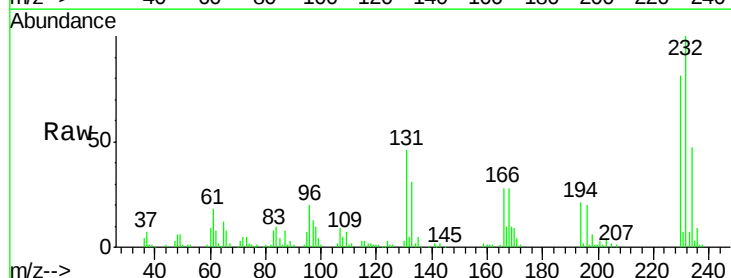
Ion Ratio Lower Upper

232 100

131 46.9 33.5 50.3

130 2.9 2.2 3.2

166 28.6 24.8 37.2

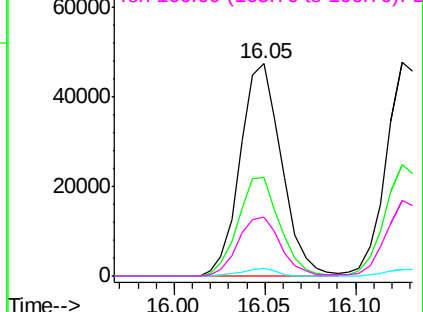
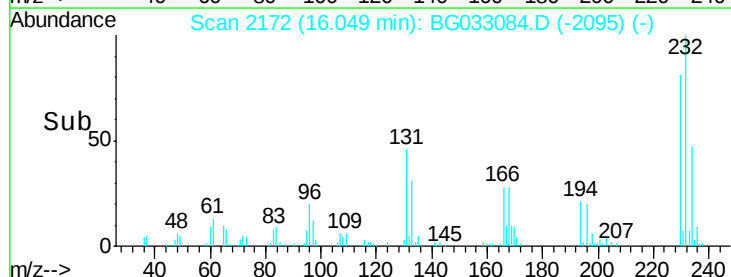


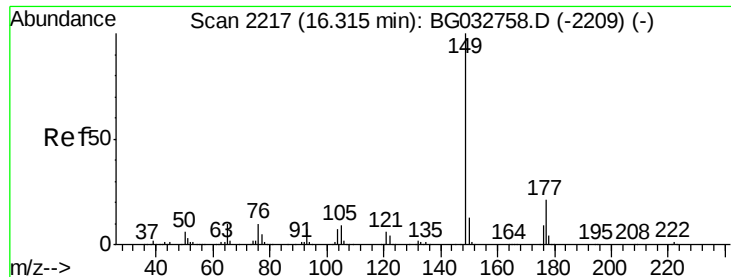
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

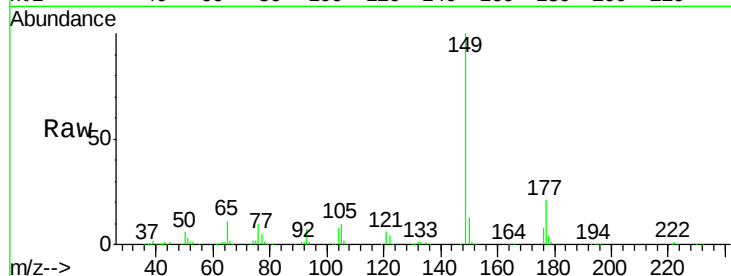




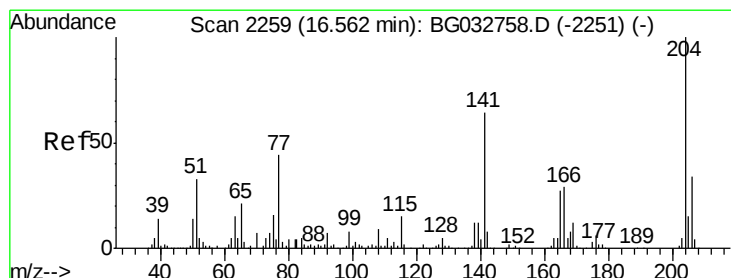
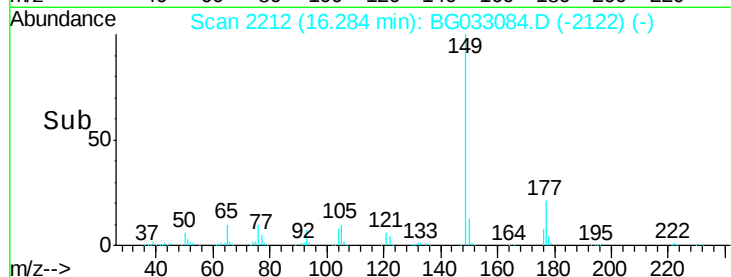
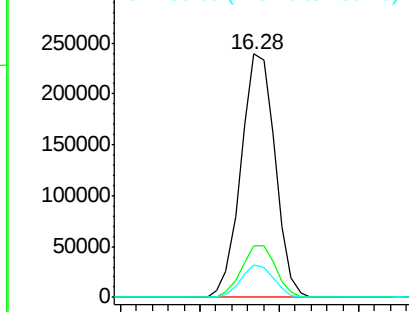
#59
Diethylphthalate
Concen: 36.426 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 357310
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 13.1 10.2 15.2

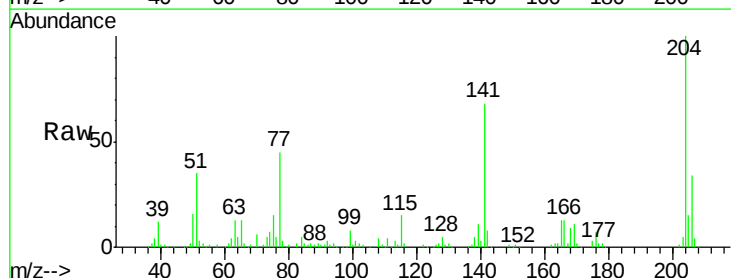


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

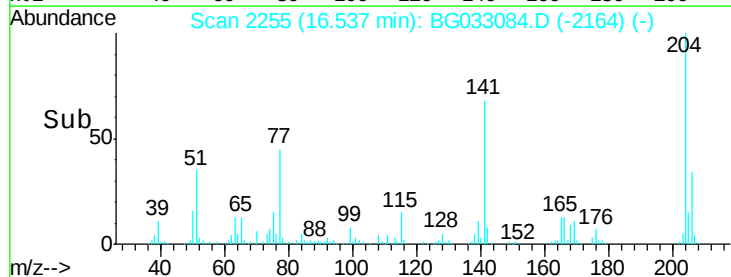
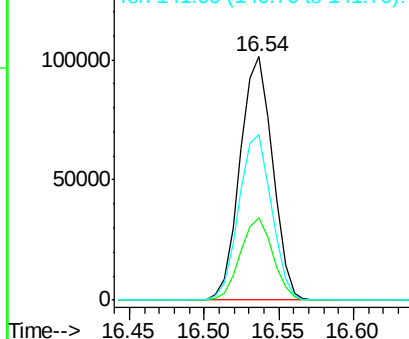


#60
4-Chlorophenyl-phenylether
Concen: 36.522 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:204 Resp: 153070
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 68.0 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

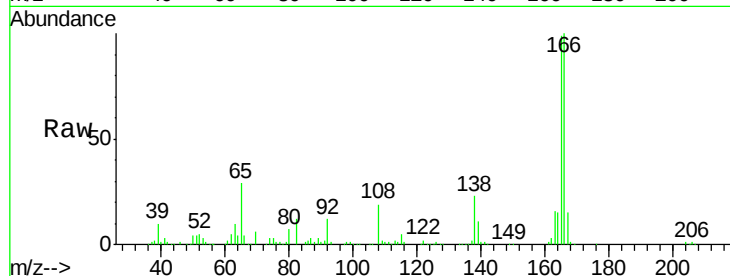




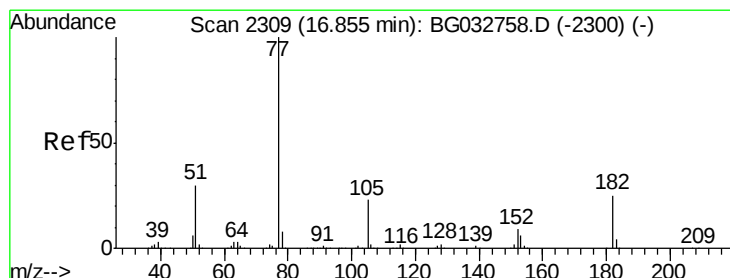
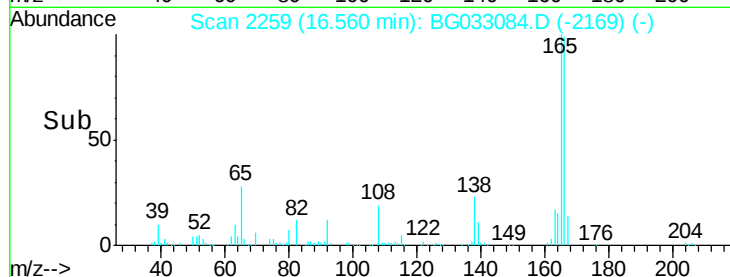
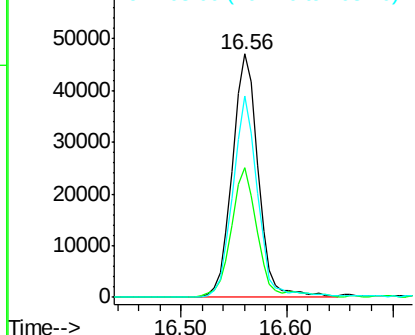
#61
4-Nitroaniline
Concen: 40.484 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 79630
Ion Ratio Lower Upper
138 100
92 53.3 40.1 80.1
108 82.6 65.4 105.4

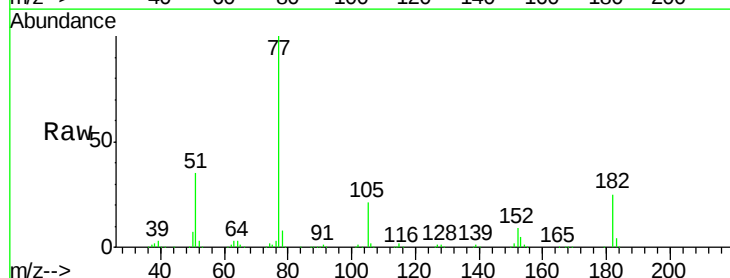


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

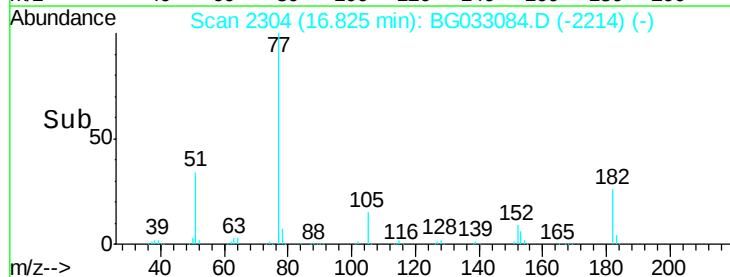
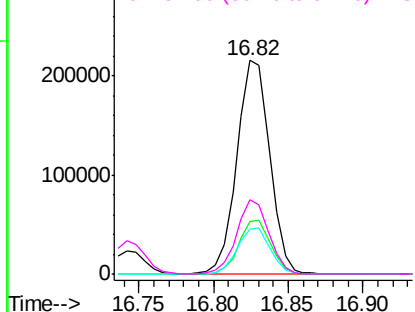


#62
Azobenzene
Concen: 37.529 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion: 77 Resp: 329339
Ion Ratio Lower Upper
77 100
182 24.7 7.4 47.4
105 21.2 0.3 40.3
51 34.7 11.6 51.6



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

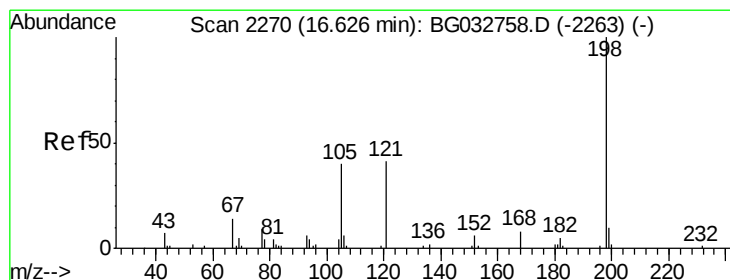
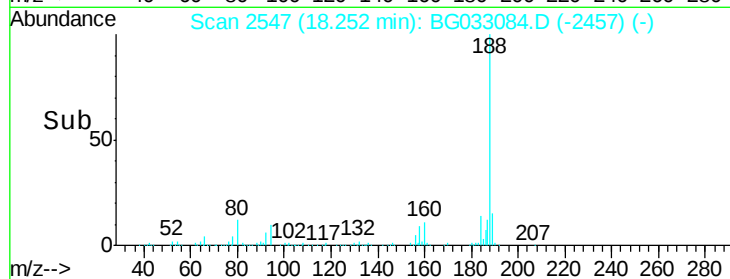
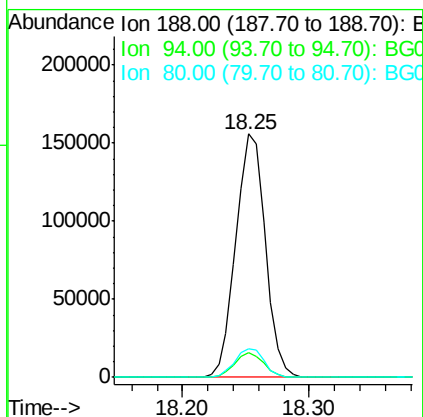
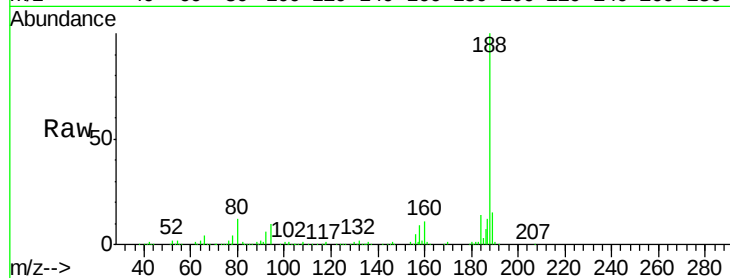




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

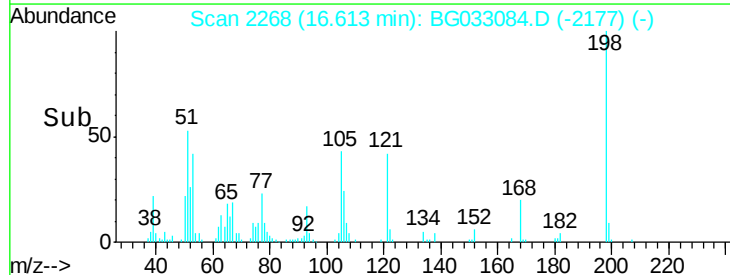
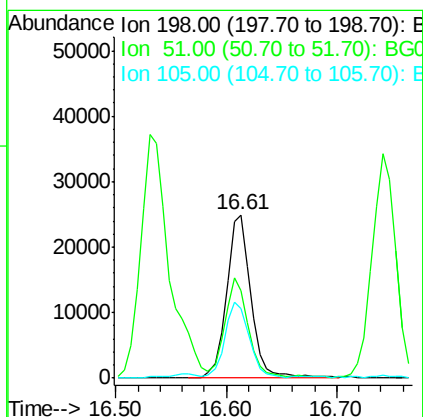
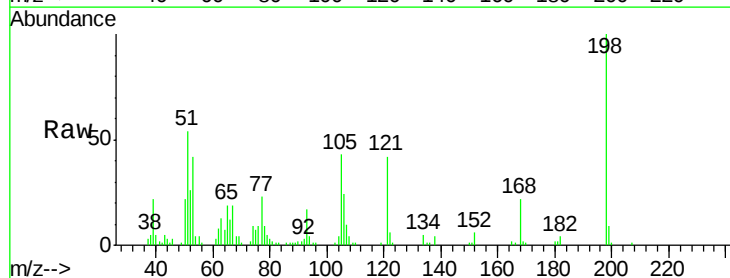
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 251009
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 12.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.275 ng
RT: 16.61 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:198 Resp: 38504
Ion Ratio Lower Upper
198 100
51 53.7 30.6 70.6
105 42.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 35.535 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

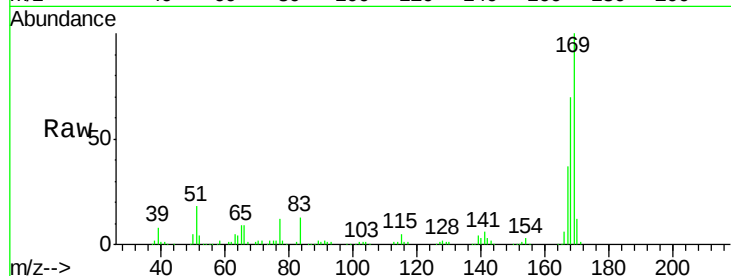
Tot Ion:169 Resp: 290166

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

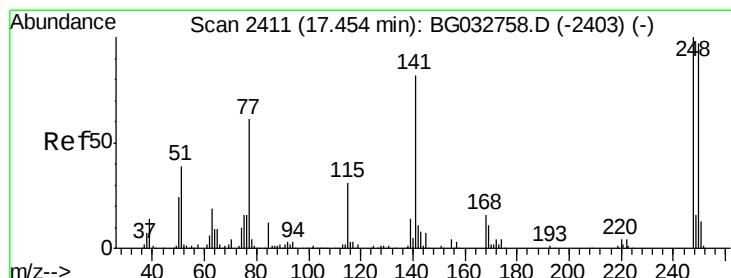
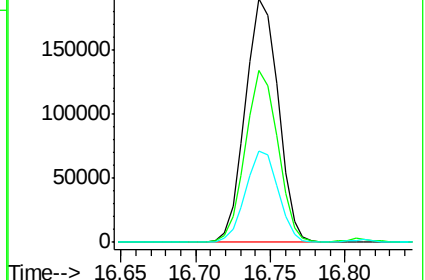
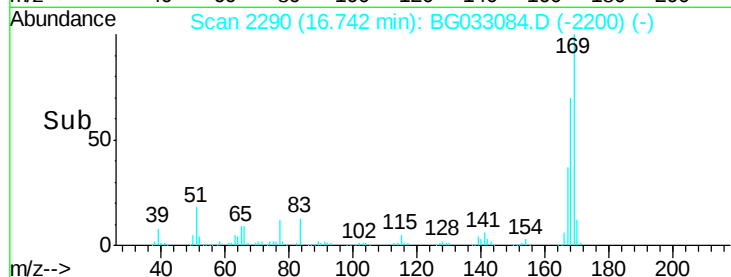
167 37.3 30.1 45.1



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: 36.574 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

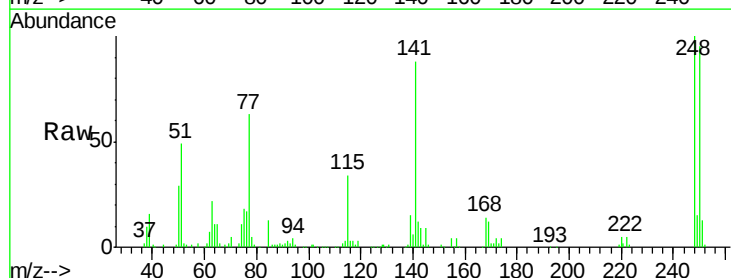
Tgt Ion:248 Resp: 97074

Ion Ratio Lower Upper

248 100

250 95.0 77.1 115.7

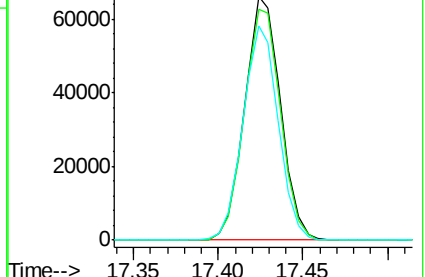
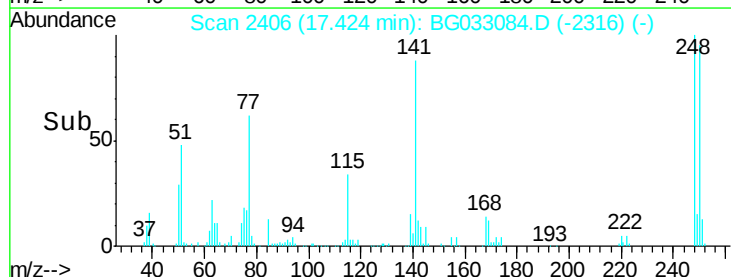
141 88.2 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

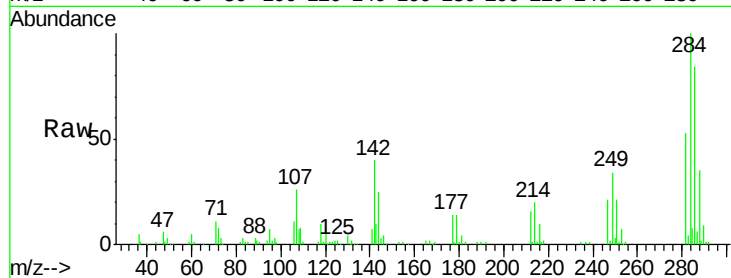




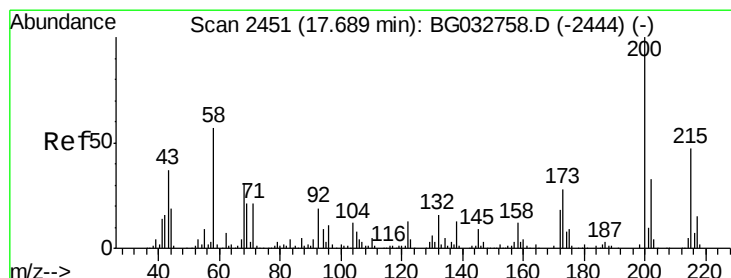
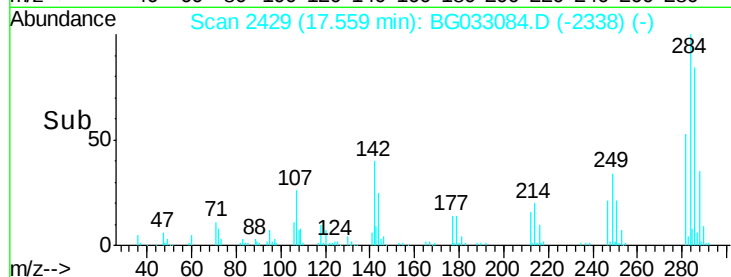
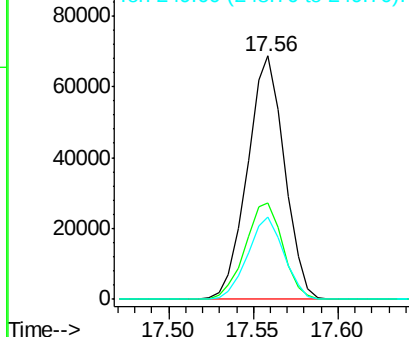
#67
Hexachlorobenzene
Concen: 36.513 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 104727
Ion Ratio Lower Upper
284 100
142 39.7 26.8 40.2
249 33.9 26.3 39.5

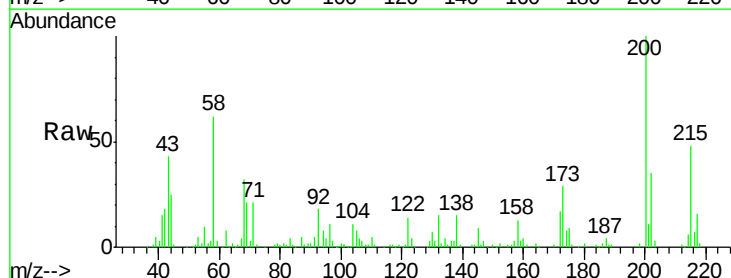


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

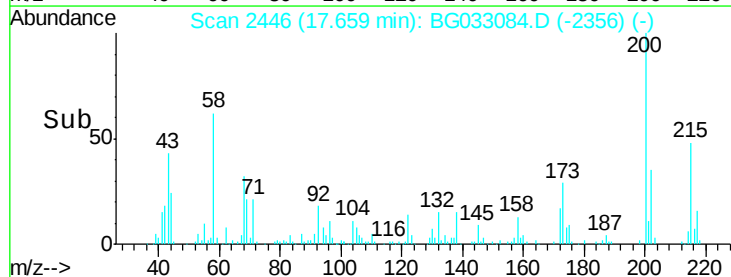
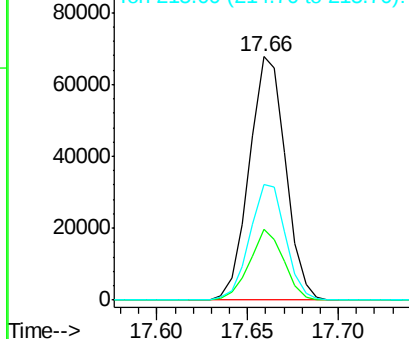


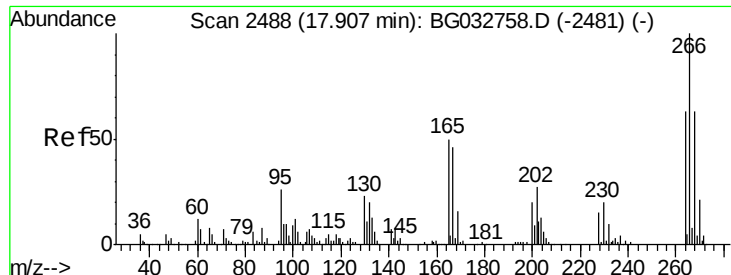
#68
Atrazine
Concen: 35.310 ng
RT: 17.66 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:200 Resp: 94908
Ion Ratio Lower Upper
200 100
173 29.2 5.2 45.2
215 47.6 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

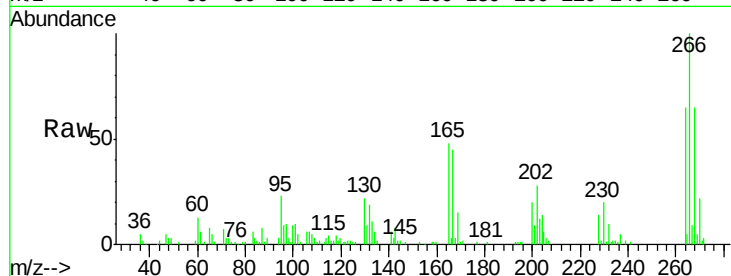




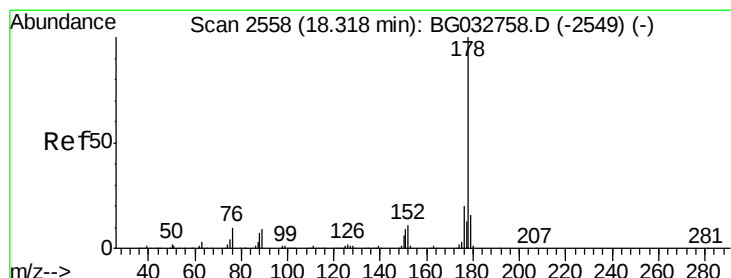
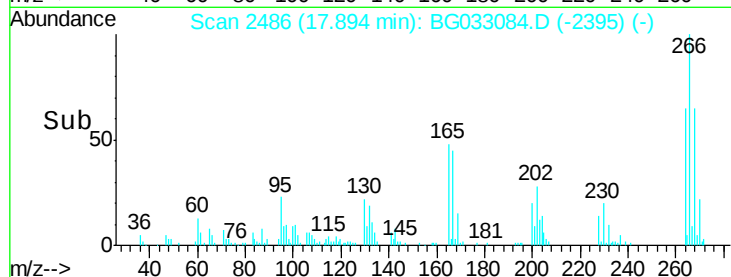
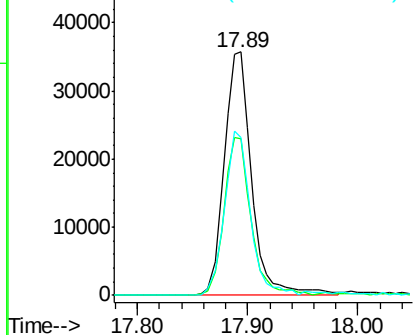
#69
 Pentachlorophenol
 Concen: 34.458 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 62254
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 64.8 49.6 74.4

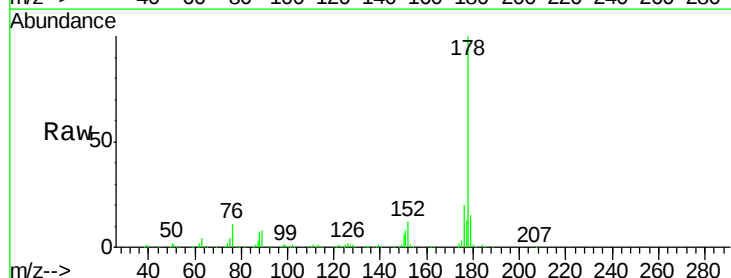


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

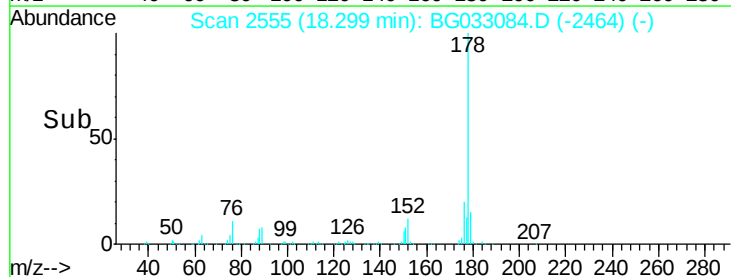
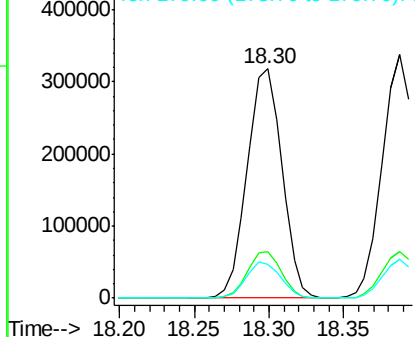


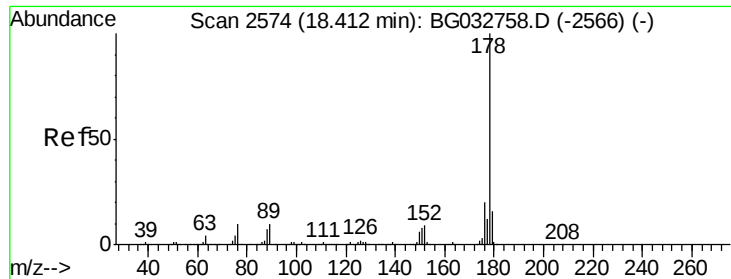
#70
 Phenanthrene
 Concen: 36.678 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:178 Resp: 513631
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 14.9 12.5 18.7



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

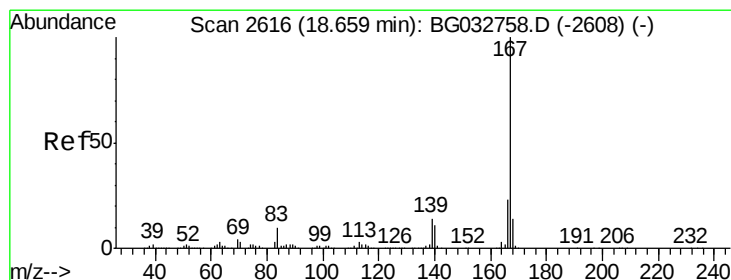
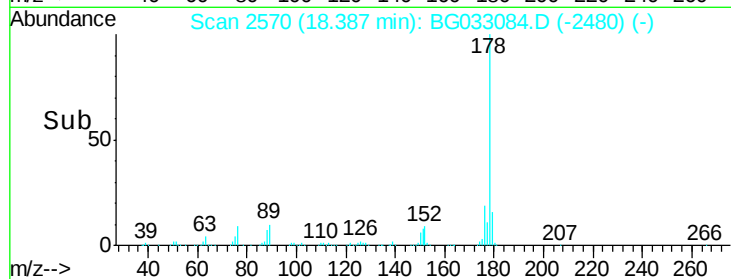
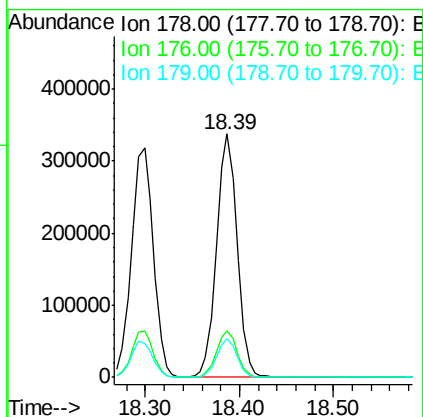
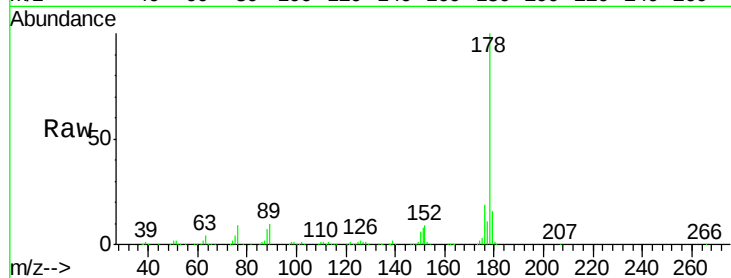




#71
 Anthracene
 Concen: 36.765 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

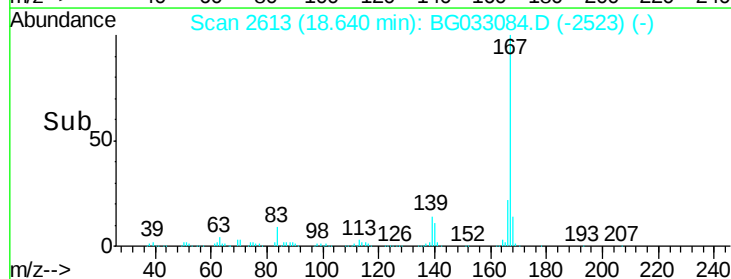
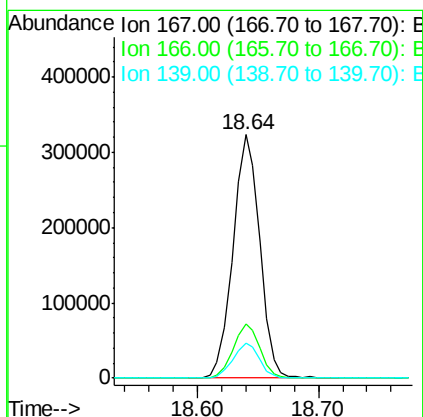
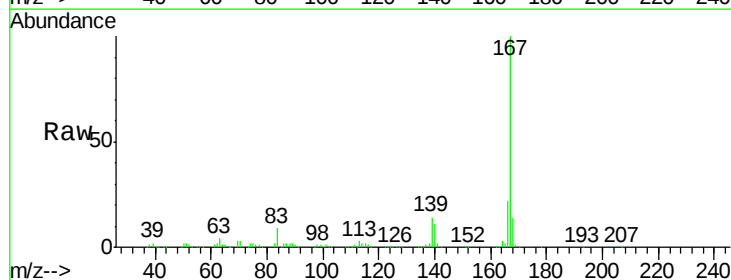
Instrument :
 BNA_G
 ClientSampleId :

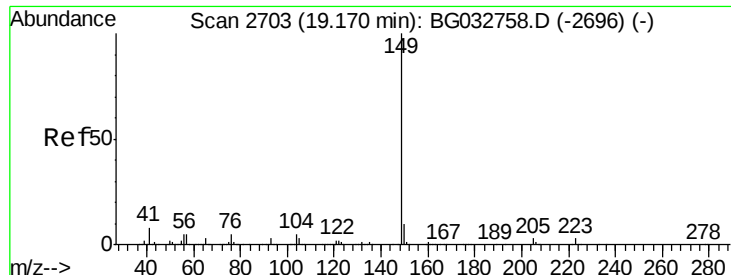
Tot Ion:178 Resp: 516884
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 36.019 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:167 Resp: 499138
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 14.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.565 ng

RT: 19.14 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

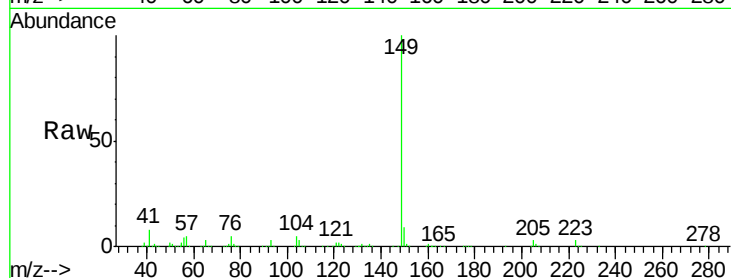
Tot Ion:149 Resp: 638623

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

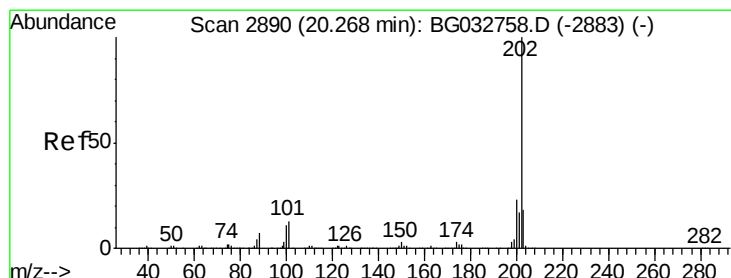
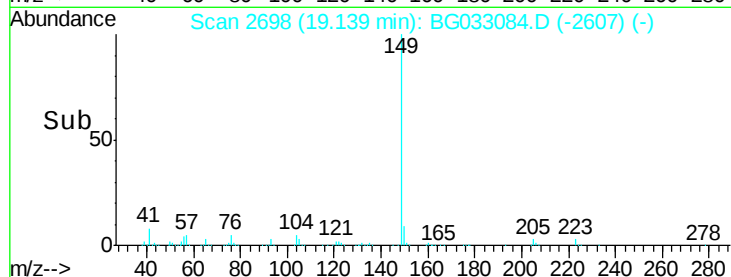
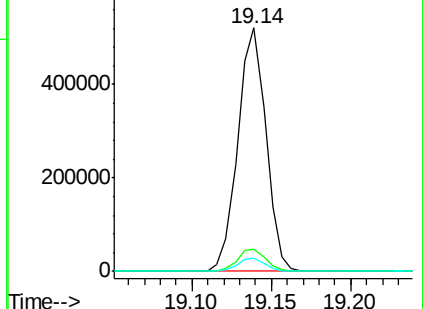
104 5.3 3.9 5.9



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: 38.153 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

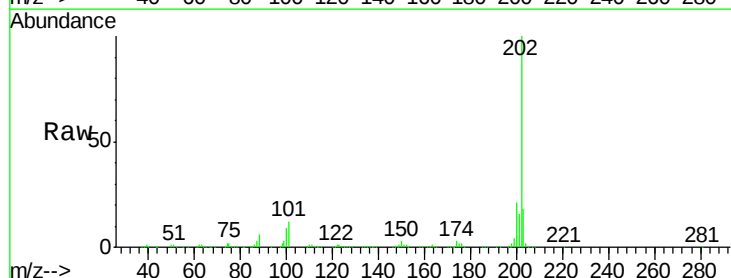
Tgt Ion:202 Resp: 590190

Ion Ratio Lower Upper

202 100

101 12.3 0.0 28.9

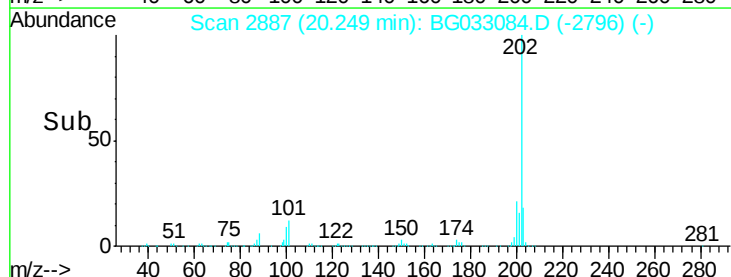
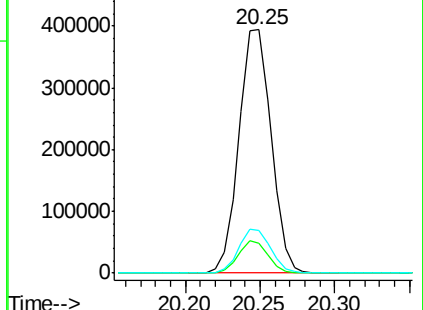
203 17.6 0.0 37.5



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

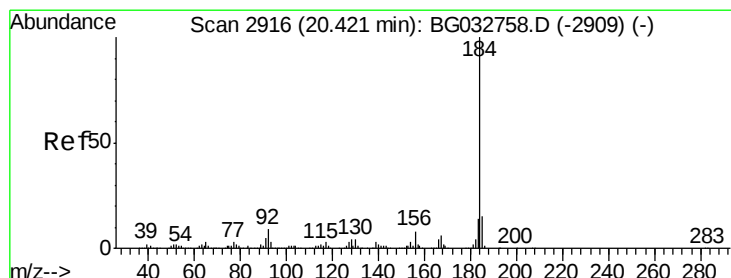
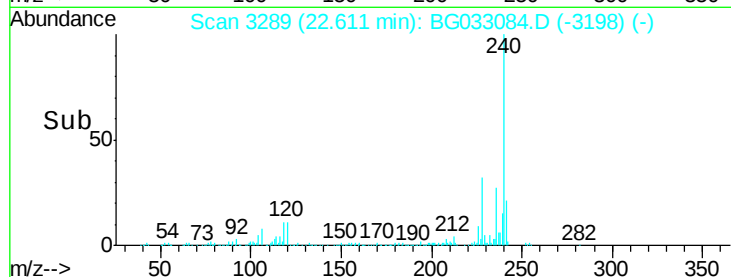
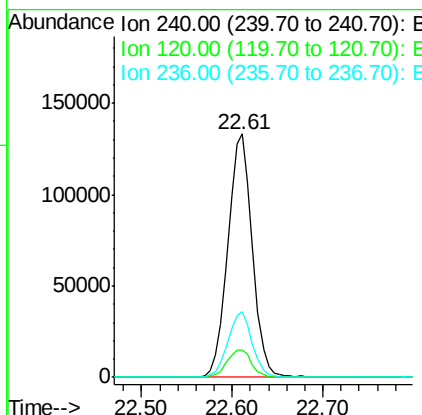
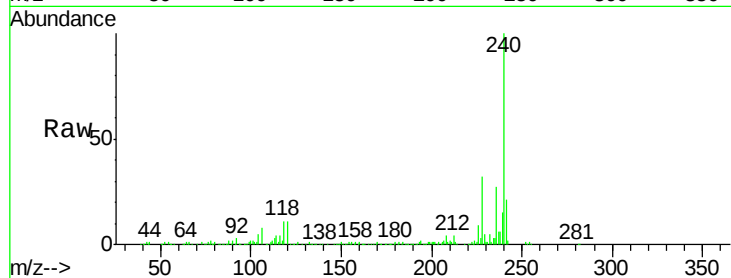




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

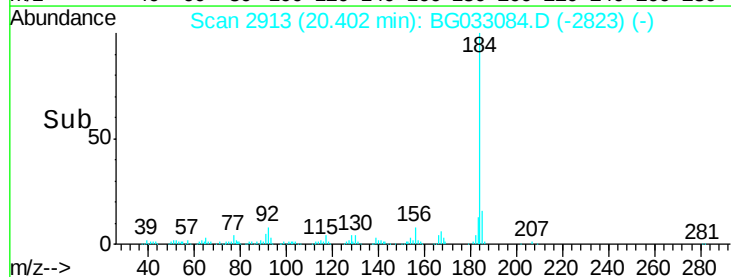
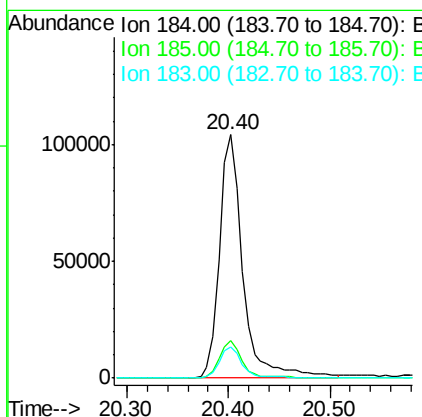
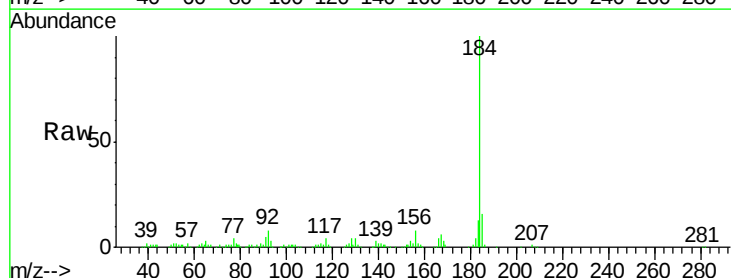
Instrument :
 BNA_G
 ClientSampleId :

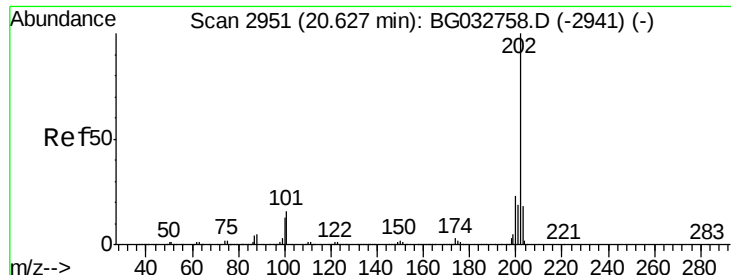
Tot Ion:240 Resp: 249238
 Ion Ratio Lower Upper
 240 100
 120 11.5 6.8 10.2#
 236 26.9 20.9 31.3



#76
 Benzidine
 Concen: 19.707 ng
 RT: 20.40 min Scan# 2913
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:184 Resp: 167423
 Ion Ratio Lower Upper
 184 100
 185 15.7 11.1 16.7
 183 12.6 10.6 16.0

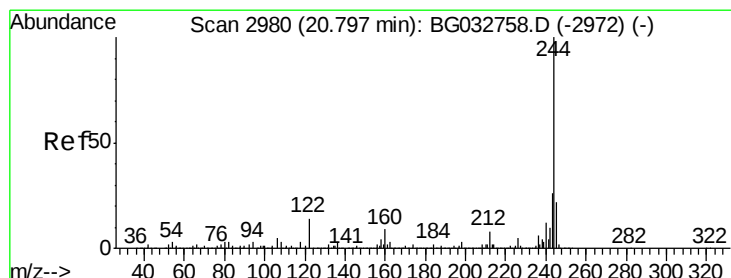
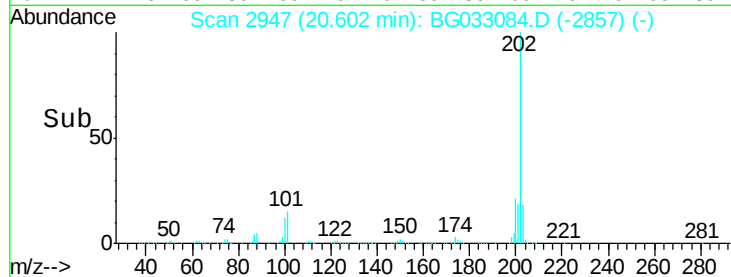
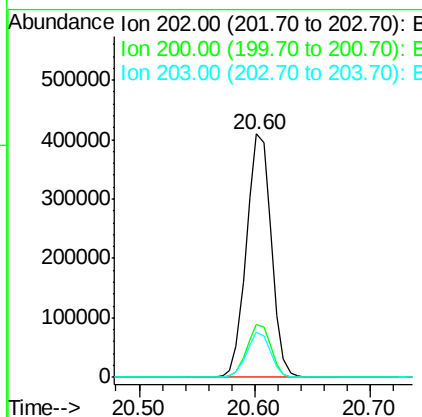
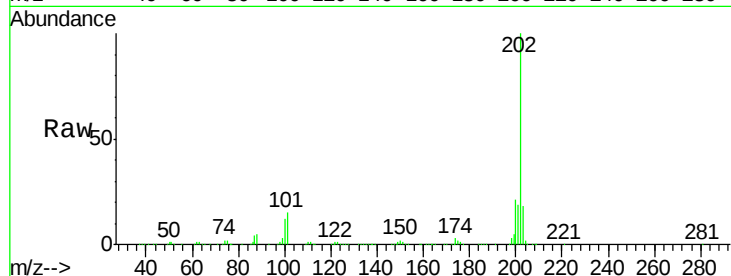




#77
Pvrene
Concen: 34.753 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

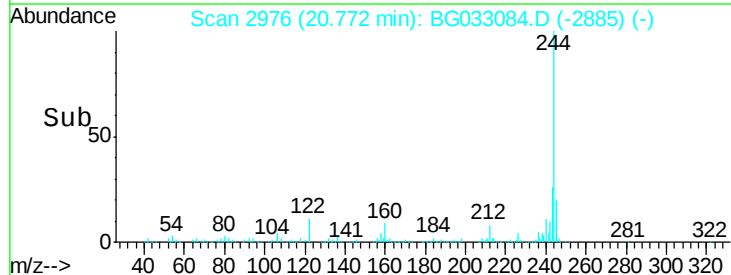
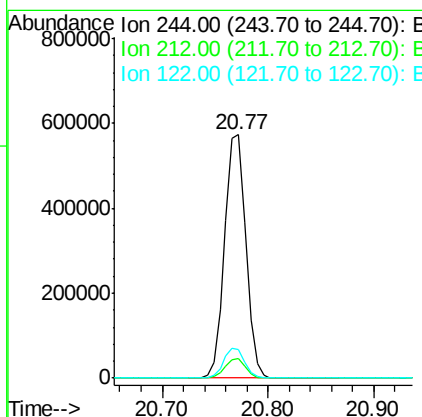
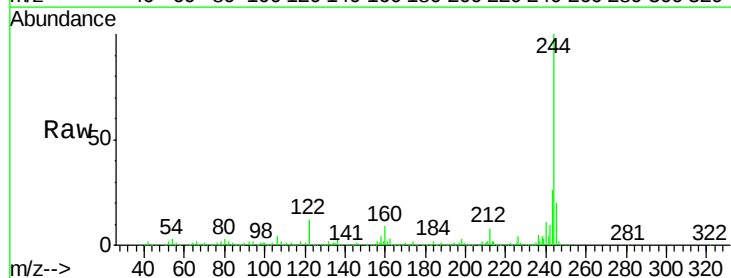
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.5	13.9	20.9



#78
Terphenyl-d14
Concen: 72.049 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	11.5	7.0	10.4#

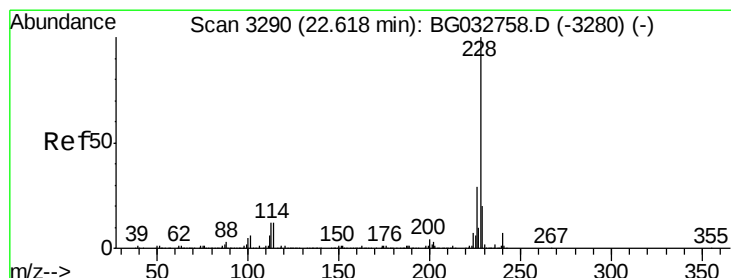
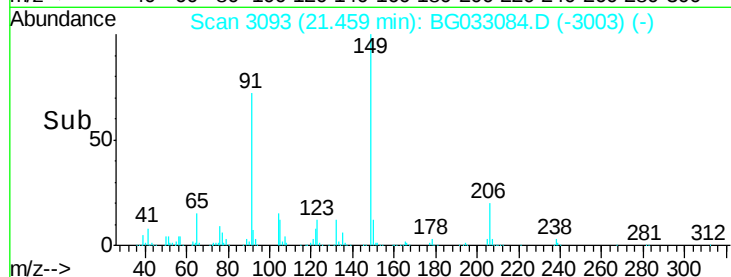
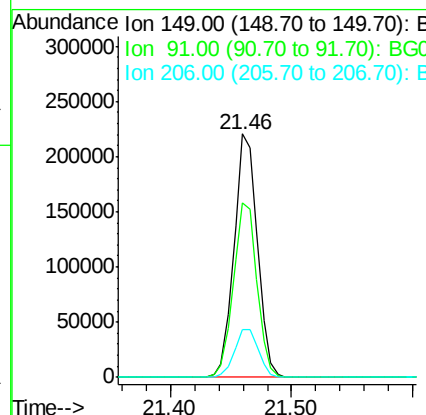
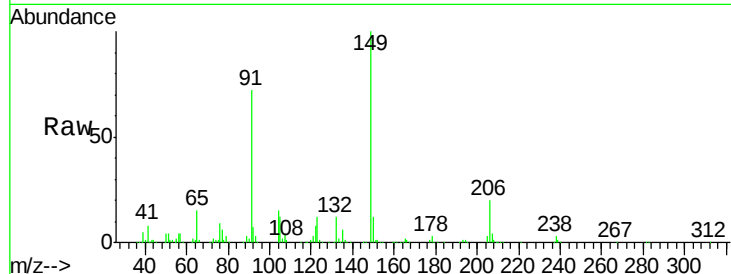




#79
Butylbenzylphthalate
Concen: 38.133 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

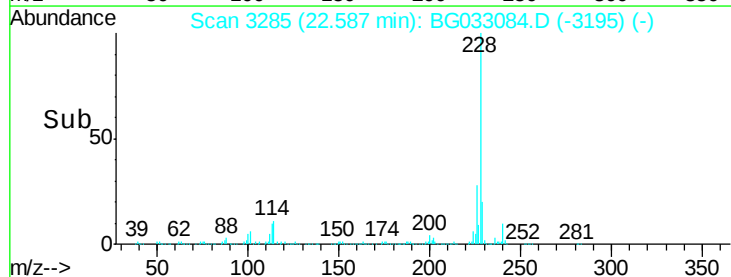
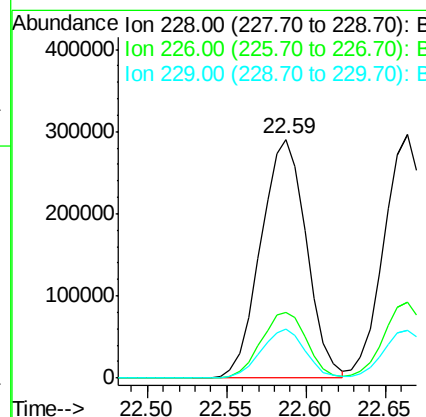
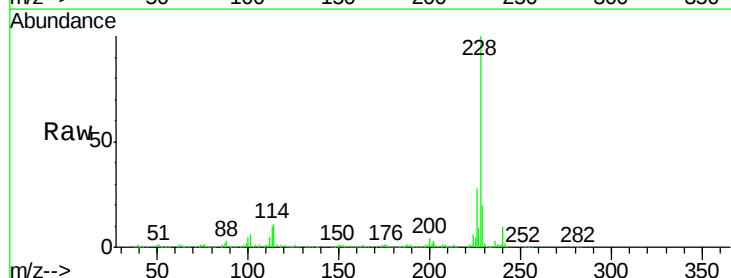
Instrument :
BNA_G
ClientSampled :

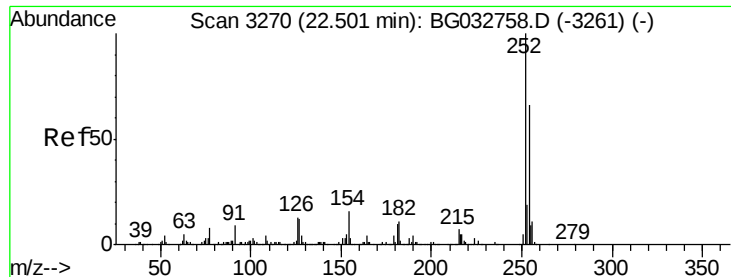
Tot Ion:149 Resp: 297165
Ion Ratio Lower Upper
149 100
91 71.9 62.2 93.2
206 19.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.321 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:228 Resp: 580495
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 20.4 16.2 24.2

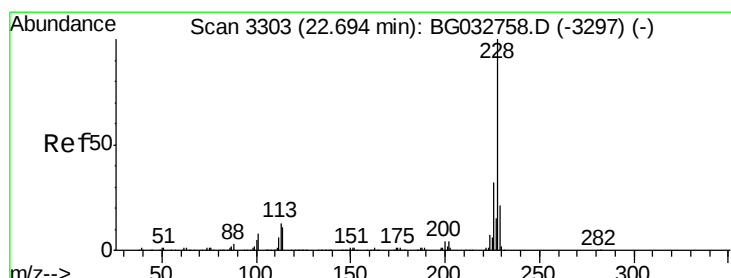
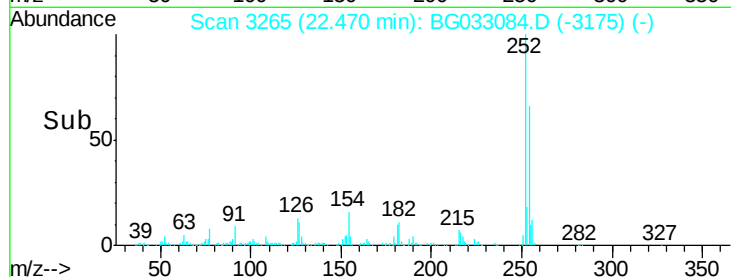
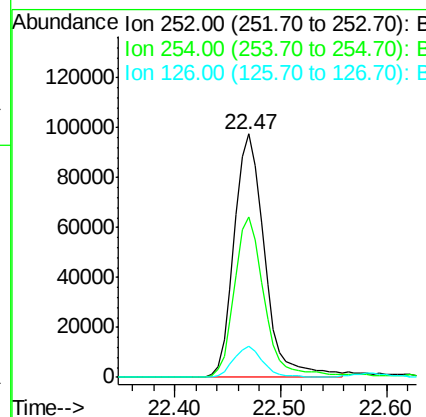
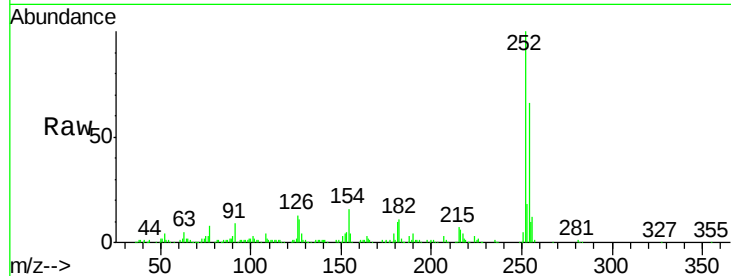




#81
 3,3'-Dichlorobenzidine
 Concen: 33.047 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

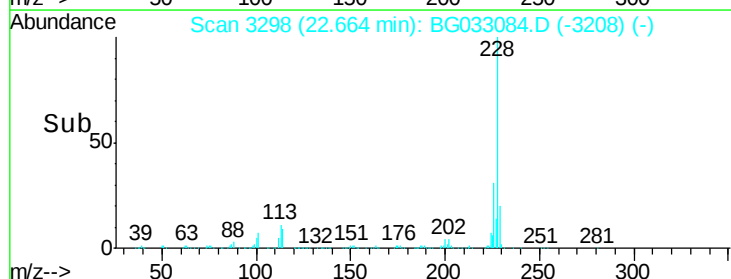
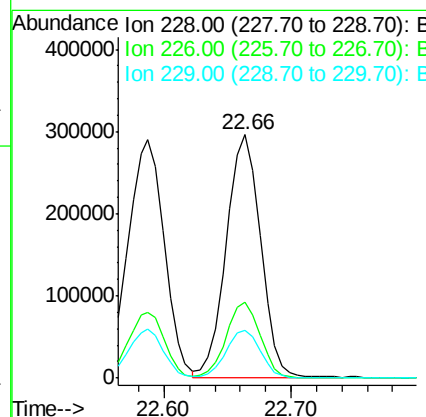
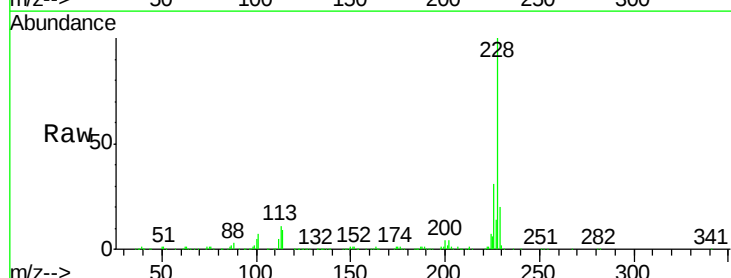
Instrument :
 BNA_G
 ClientSampleId :

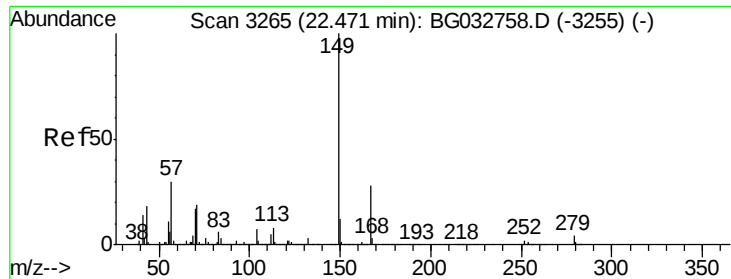
Tot Ion:252 Resp: 195615
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.8 76.2
 126 12.7 7.4 11.2#



#82
 Chrysene
 Concen: 36.307 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:228 Resp: 554314
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 19.8 15.0 22.4

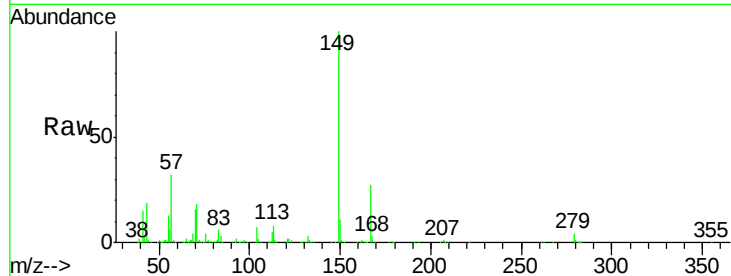




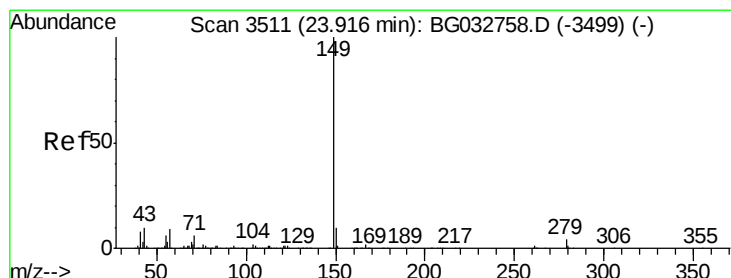
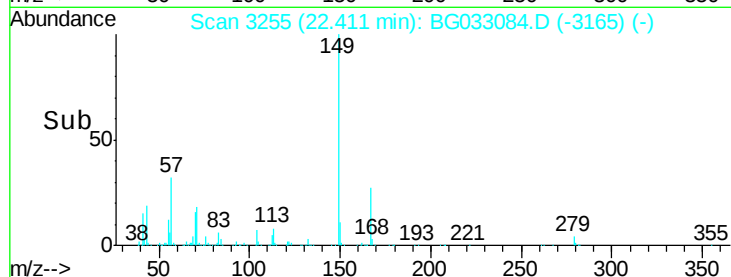
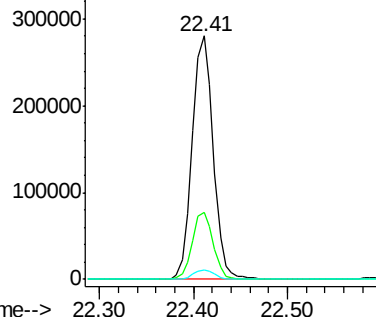
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.957 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 437842
 Ion Ratio Lower Upper
 149 100
 167 27.5 24.3 36.5
 279 4.0 4.0 6.0#

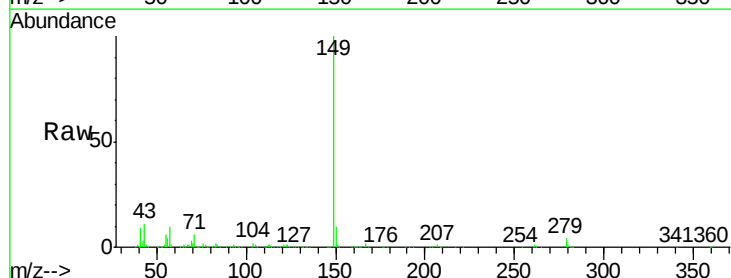


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

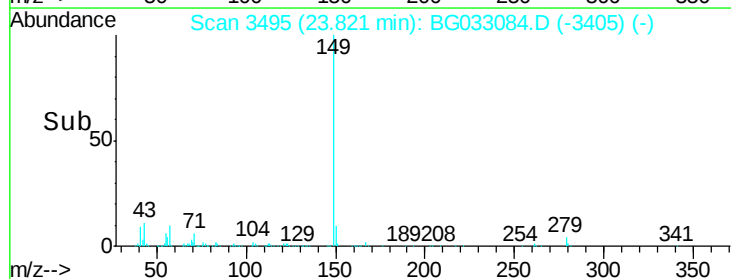
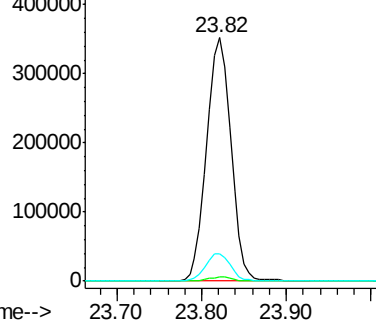


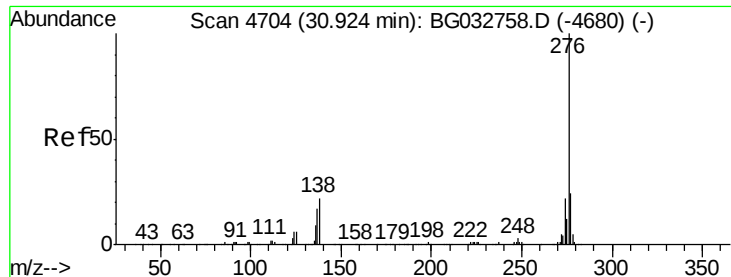
#84
 Di-n-octyl phthalate
 Concen: 40.013 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Tgt Ion:149 Resp: 703532
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.0
 43 11.7 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.787 ng

RT: 30.82 min Scan# 4686

Delta R.T. -0.02 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

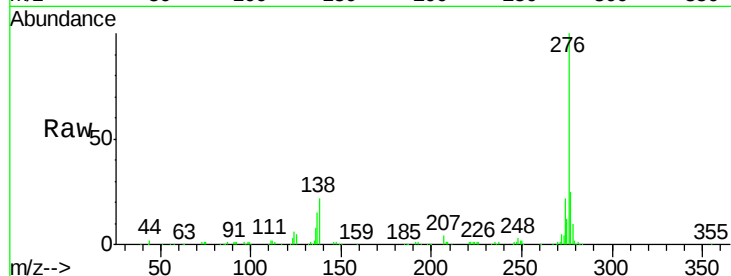
Tot Ion:276 Resp: 565963

Ion Ratio Lower Upper

276 100

138 15.8 16.0 24.0#

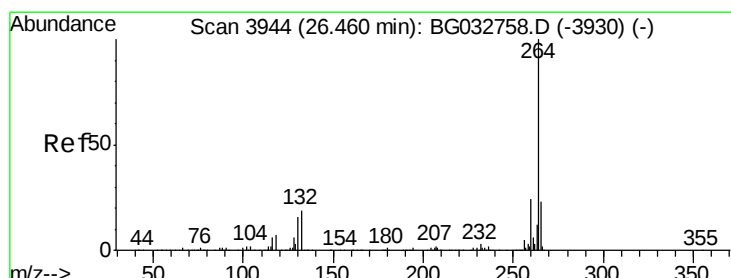
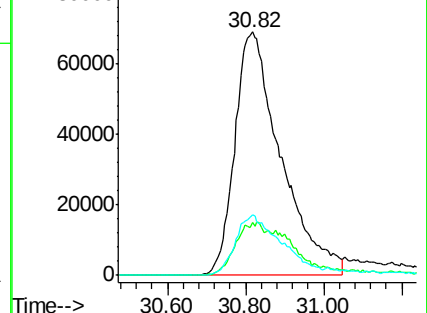
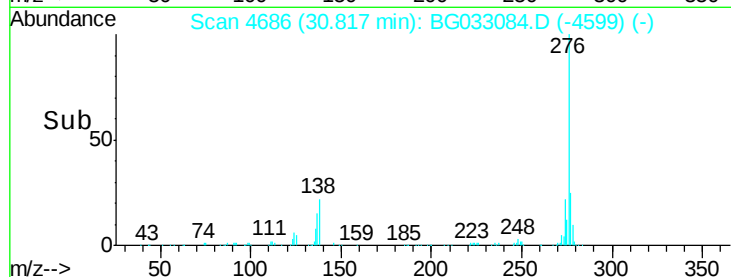
277 24.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

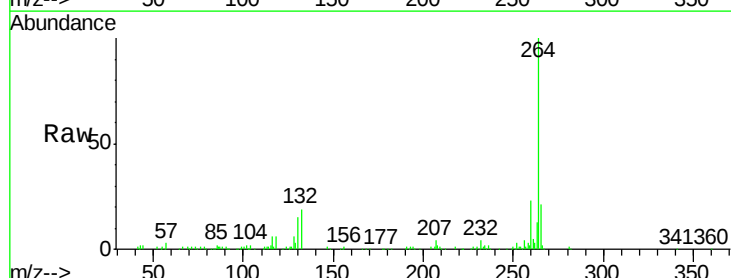
Tgt Ion:264 Resp: 268669

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

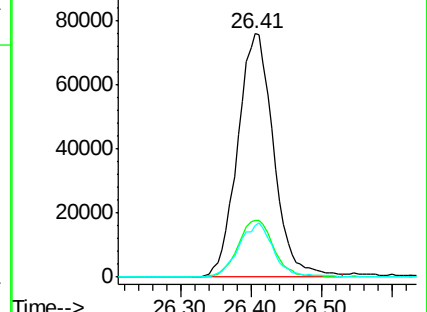
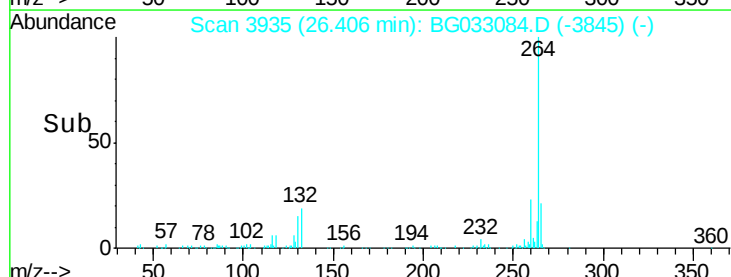
265 21.1 17.7 26.5

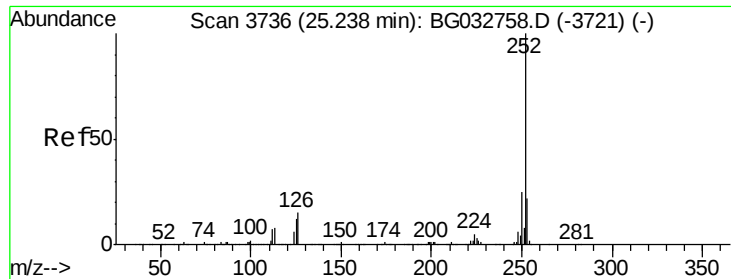


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.095 ng

RT: 25.18 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

Instrument :

BNA_G

ClientSampleId :

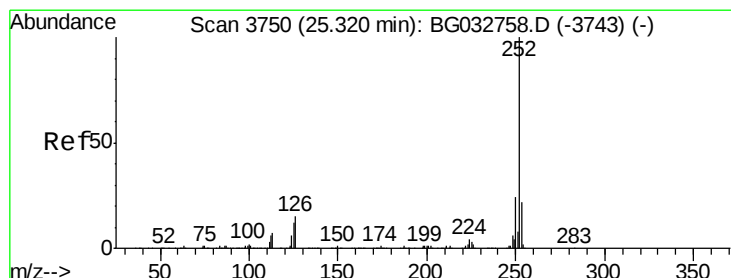
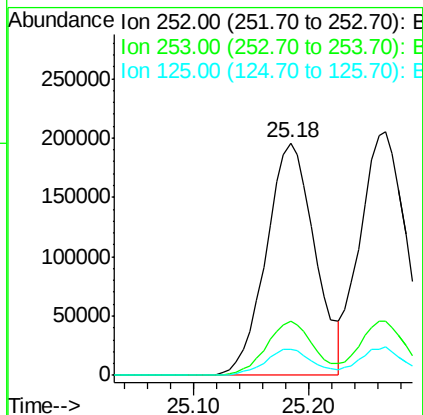
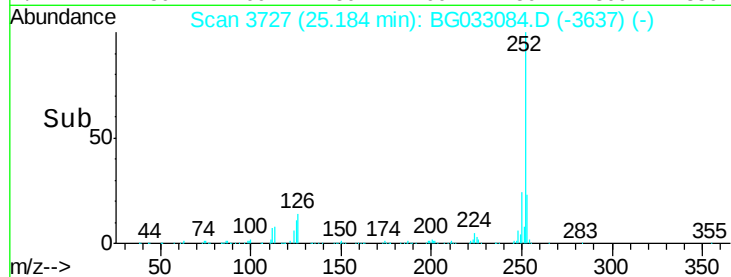
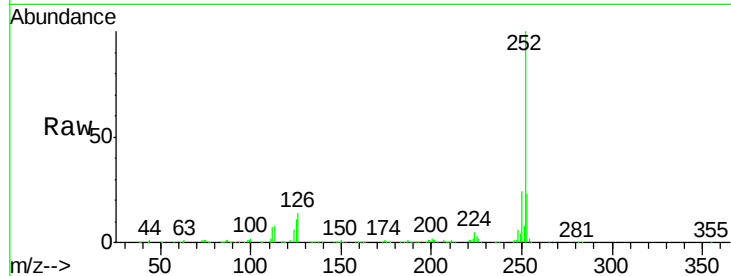
Tot Ion:252 Resp: 573390

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.4

125 11.1 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 36.718 ng

RT: 25.27 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG033084.D

Acq: 12 Mar 2018 10:45

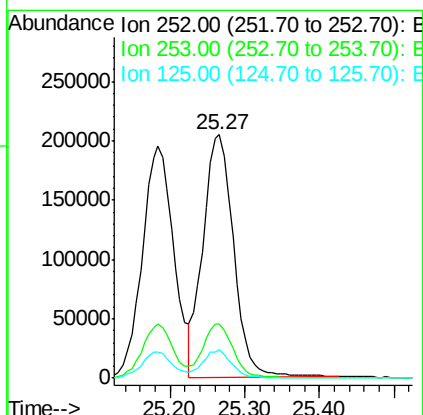
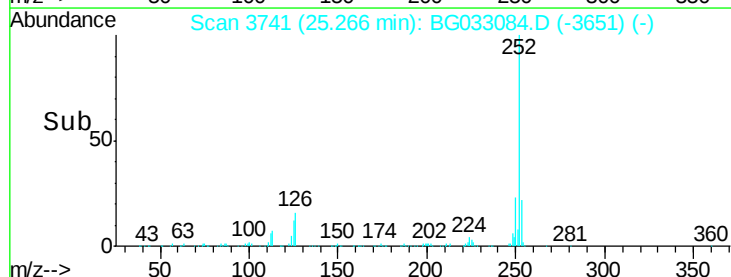
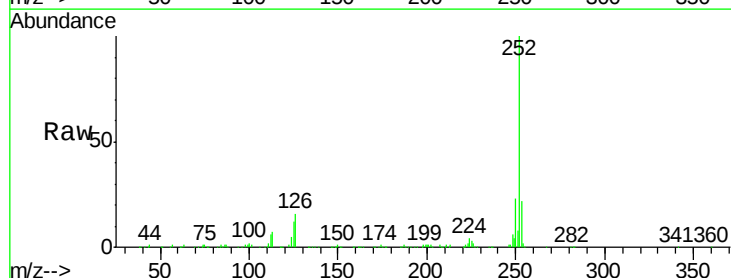
Tgt Ion:252 Resp: 579684

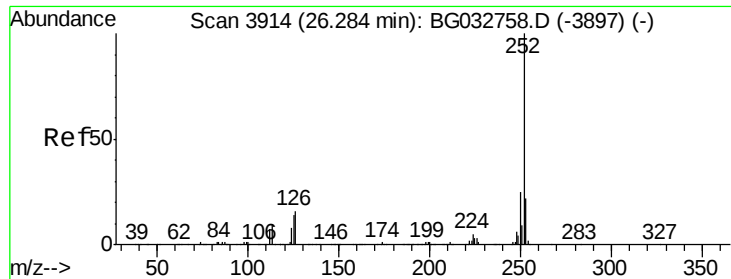
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.6 6.6 9.8#

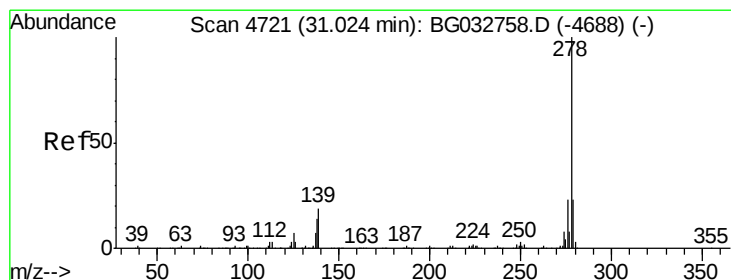
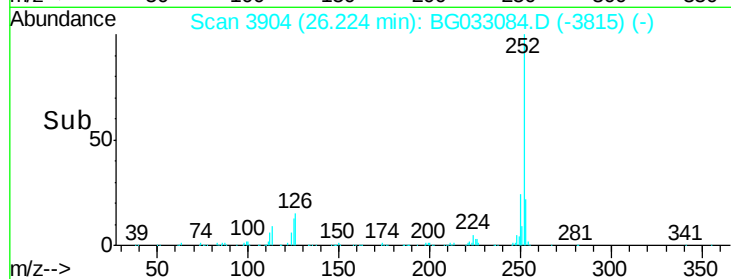
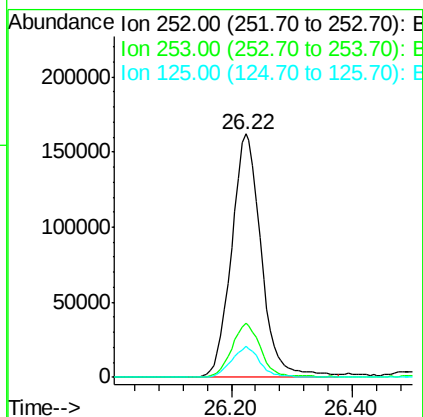
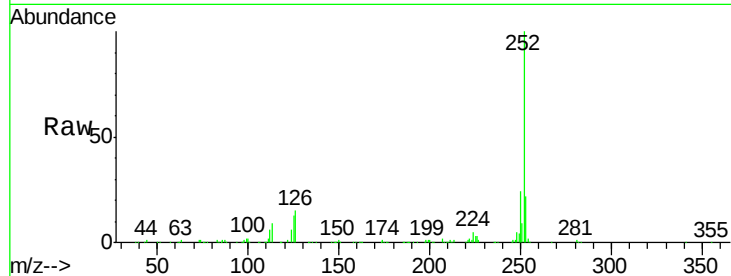




#89
Benzo(a)pyrene
Concen: 36.605 ng
RT: 26.22 min Scan# 3904
Delta R.T. -0.01 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

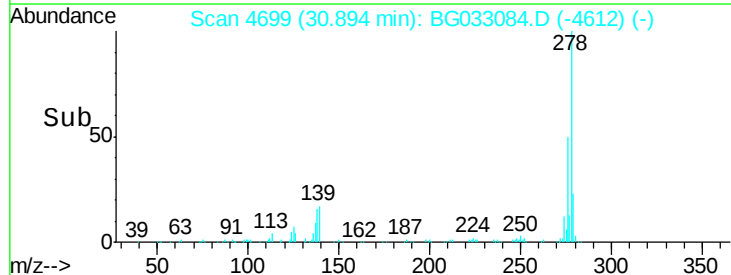
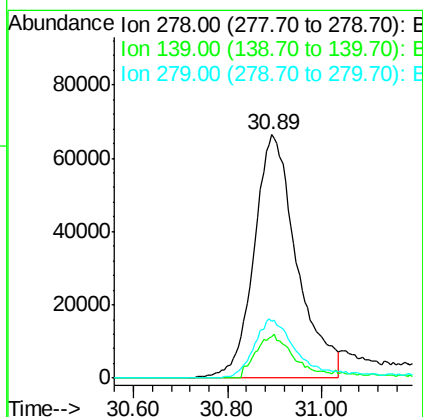
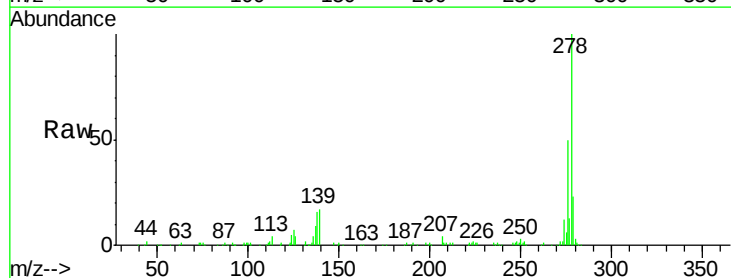
Instrument :
BNA_G
ClientSampleId :

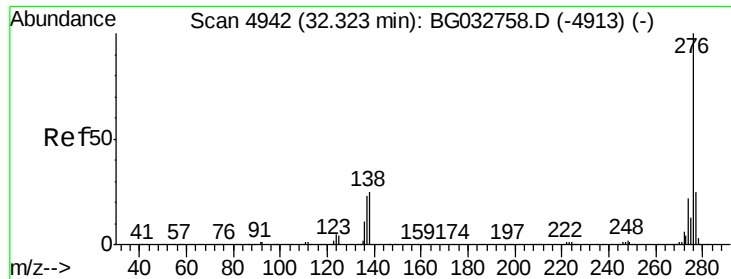
Tot Ion:252 Resp: 553082
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 12.6 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 27.618 ng
RT: 30.89 min Scan# 4699
Delta R.T. -0.02 min
Lab File: BG033084.D
Acq: 12 Mar 2018 10:45

Tgt Ion:278 Resp: 420026
Ion Ratio Lower Upper
278 100
139 17.0 9.8 14.6#
279 23.2 18.4 27.6

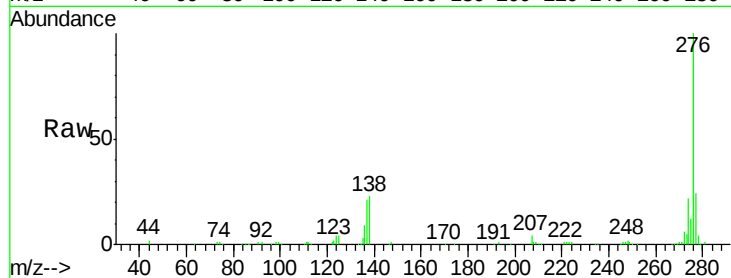




#91
 Benzo(a,h,i)perylene
 Concen: 31.814 ng
 RT: 32.20 min Scan# 4922
 Delta R.T. -0.02 min
 Lab File: BG033084.D
 Acq: 12 Mar 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	22.8	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

