

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033143.D
 Acq On : 14 Mar 2018 11:57
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 13:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	50732	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	243586	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	146772	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	338958	20.00	ng	0.00
75) Chrysene-d12	22.61	240	295934	20.00	ng	0.00
86) Perylene-d12	26.41	264	317210	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	234801	74.05	ng	0.00
7) Phenol-d6	8.01	99	330367	74.74	ng	0.00
23) Nitrobenzene-d5	10.10	82	324139	91.49	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	152515	98.83	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	739127	72.63	ng	0.00
78) Terphenyl-d14	20.76	244	990349	75.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	45640	33.163	ng	94
3) Pyridine	4.42	79	137353	36.211	ng	90
4) n-Nitrosodimethylamine	4.32	42	68548	45.075	ng	# 79
6) Aniline	8.19	93	219255	36.647	ng	99
8) 2-Chlorophenol	8.45	128	129752	37.383	ng	98
9) Benzaldehyde	8.00	77	100879	39.600	ng	91
10) Phenol	8.04	94	169741	38.096	ng	98
11) bis(2-Chloroethyl)ether	8.28	93	128666	35.315	ng	96
12) 1,3-Dichlorobenzene	8.78	146	149477	36.769	ng	99
13) 1,4-Dichlorobenzene	8.93	146	149412	36.512	ng	99
14) 1,2-Dichlorobenzene	9.27	146	145670	37.148	ng	94
15) Benzyl Alcohol	9.13	79	132732	40.848	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.42	45	266206	42.503	ng	99
17) 2-Methylphenol	9.34	107	124685	37.949	ng	100
18) Hexachloroethane	10.03	117	54890	39.396	ng	# 87
19) n-Nitroso-di-n-propylamine	9.71	70	122332	39.204	ng	# 90
20) 3+4-Methylphenols	9.67	107	178982	39.179	ng	95
22) Acetophenone	9.74	105	226012	36.740	ng	# 96
24) Nitrobenzene	10.14	77	167271	43.717	ng	95
25) Isophorone	10.67	82	326688	38.210	ng	96
26) 2-Nitrophenol	10.87	139	81032	55.798	ng	95
27) 2,4-Dimethylphenol	10.91	122	131983	35.536	ng	92
28) bis(2-Chloroethoxy)methane	11.14	93	175734	35.283	ng	97
29) 2,4-Dichlorophenol	11.42	162	130768	38.793	ng	95
30) 1,2,4-Trichlorobenzene	11.63	180	142845	36.151	ng	96
31) Naphthalene	11.84	128	464262	36.475	ng	99
32) Benzoic acid	10.97	122	9220	10.496	ng	# 83
33) 4-Chloroaniline	11.93	127	207173	36.403	ng	98
34) Hexachlorobutadiene	12.10	225	85458	38.557	ng	96
35) Caprolactam	12.69	113	57219	42.392	ng	99
36) 4-Chloro-3-methylphenol	13.00	107	163595	41.704	ng	97
37) 2-Methylnaphthalene	13.39	142	341272	37.060	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	163621	37.554	ng	# 98
40) Hexachlorocyclopentadiene	13.71	237	90552	40.781	ng	88

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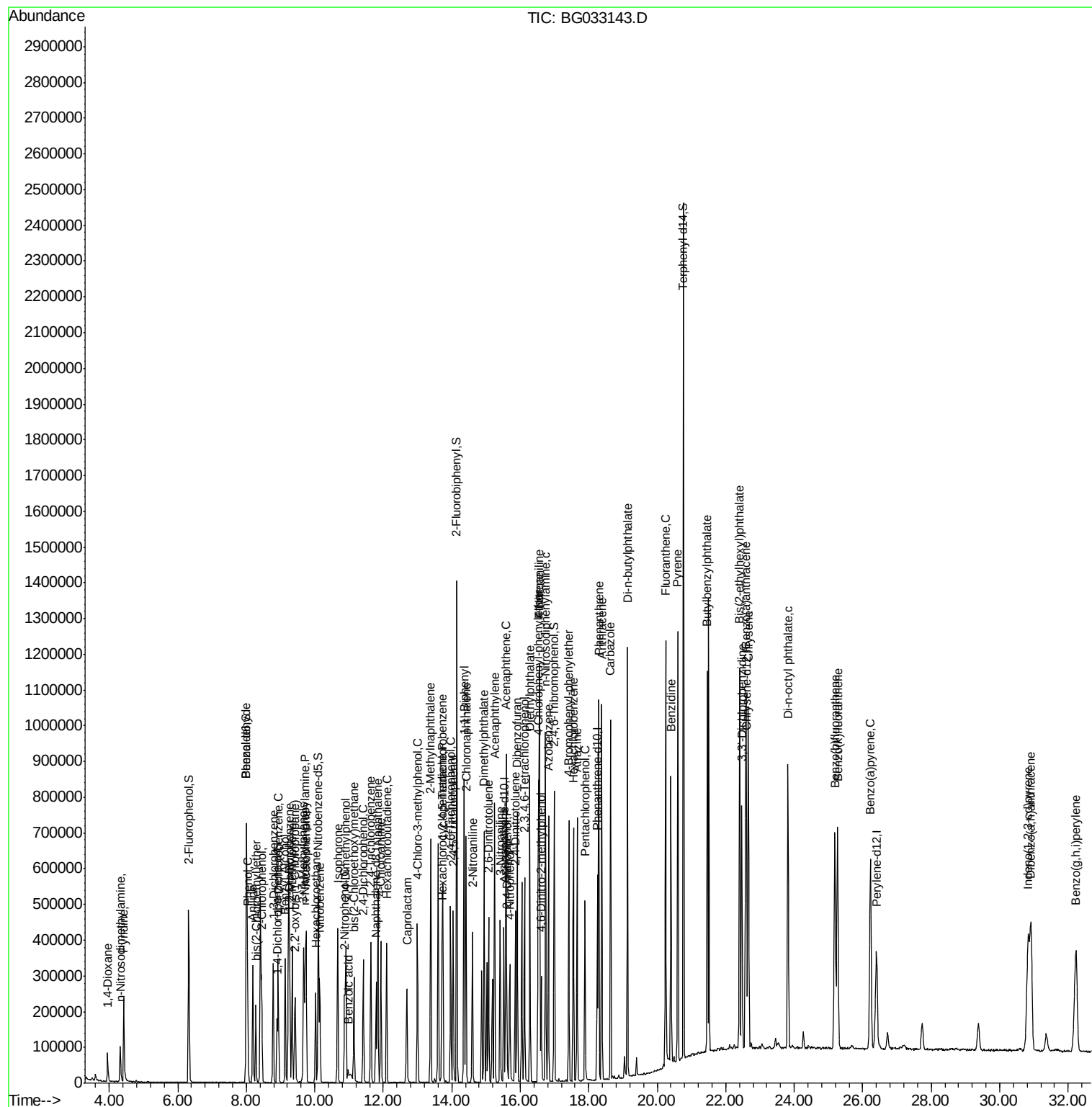
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	114094	41.524	ng	100
43) 2,4,5-Trichlorophenol	14.04	196	129561	40.741	ng	95
45) 1,1'-Biphenyl	14.36	154	455997	35.554	ng	96
46) 2-Chloronaphthalene	14.41	162	339625	35.449	ng	94
47) 2-Nitroaniline	14.60	65	126509	51.466	ng	95
48) Acenaphthylene	15.25	152	573945	36.591	ng	98
49) Dimethylphthalate	14.94	163	460109	36.920	ng	99
50) 2,6-Dinitrotoluene	15.08	165	97391	47.361	ng	96
51) Acenaphthene	15.58	154	362870	37.146	ng	99
52) 3-Nitroaniline	15.41	138	113490	45.028	ng	# 90
53) 2,4-Dinitrophenol	15.61	184	30942	54.522	ng	# 64
54) Dibenzofuran	15.91	168	507625	36.495	ng	93
55) 4-Nitrophenol	15.69	139	85209	45.138	ng	95
56) 2,4-Dinitrotoluene	15.85	165	137265	54.849	ng	89
57) Fluorene	16.55	166	423392	36.879	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	113530	45.982	ng	91
59) Diethylphthalate	16.28	149	502110	38.199	ng	98
60) 4-Chlorophenyl-phenylether	16.53	204	213561	38.026	ng	91
61) 4-Nitroaniline	16.56	138	119460	44.690	ng	96
62) Azobenzene	16.82	77	437212	37.180	ng	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	64936	59.812	ng	93
65) n-Nitrosodiphenylamine	16.74	169	393199	35.659	ng	99
66) 4-Bromophenyl-phenylether	17.42	248	135079	37.688	ng	# 90
67) Hexachlorobenzene	17.55	284	147536	38.091	ng	95
68) Atrazine	17.66	200	128870	35.505	ng	99
69) Pentachlorophenol	17.89	266	95302	39.064	ng	100
70) Phenanthrene	18.29	178	678647	35.887	ng	98
71) Anthracene	18.38	178	685340	36.099	ng	100
72) Carbazole	18.64	167	660931	35.319	ng	98
73) Di-n-butylphthalate	19.13	149	830241	36.165	ng	# 98
74) Fluoranthene	20.24	202	737083	35.286	ng	96
76) Benzidine	20.40	184	422865	41.920	ng	99
77) Pyrene	20.60	202	757416	36.293	ng	99
79) Butylbenzylphthalate	21.46	149	353923	38.250	ng	93
80) Benzo(a)anthracene	22.58	228	686222	36.161	ng	99
81) 3,3'-Dichlorobenzidine	22.47	252	264928	37.694	ng	# 99
82) Chrysene	22.66	228	661161	36.473	ng	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	503363	36.752	ng	94
84) Di-n-octyl phthalate	23.82	149	779095	37.319	ng	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	784129	37.090	ng	95
87) Benzo(b)fluoranthene	25.19	252	673338	35.901	ng	99
88) Benzo(k)fluoranthene	25.27	252	673924	36.155	ng	# 97
89) Benzo(a)pyrene	26.23	252	645625	36.191	ng	# 97
90) Dibenzo(a,h)anthracene	30.91	278	656572	36.565	ng	# 96
91) Benzo(g,h,i)perylene	32.24	276	640969	36.211	ng	97

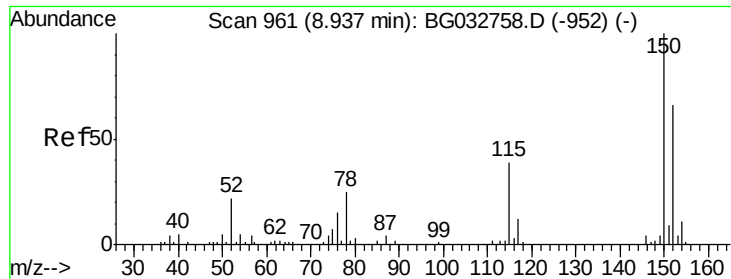
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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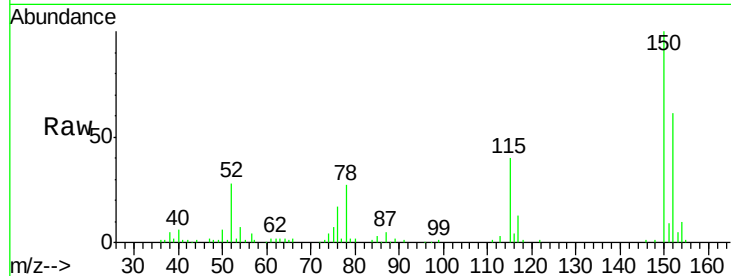


#1

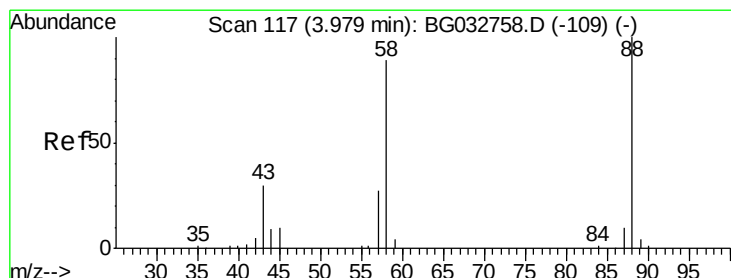
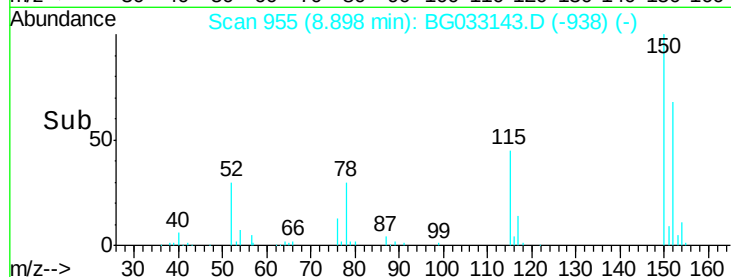
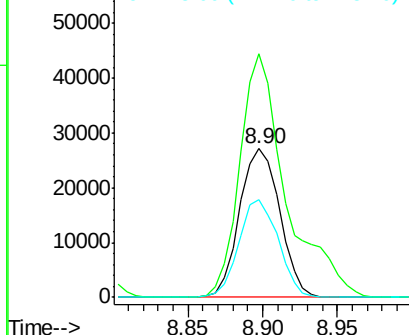
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50732
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 66.0 53.0 79.4



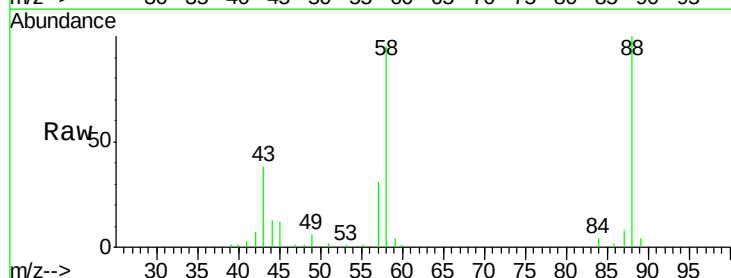
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



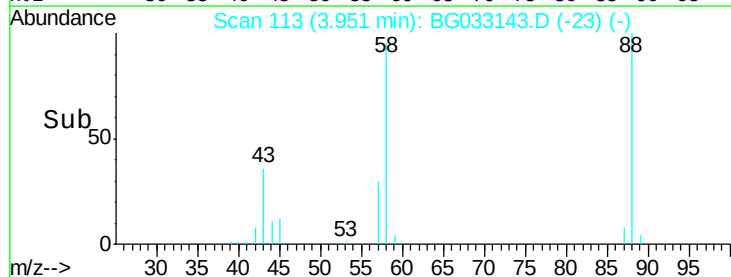
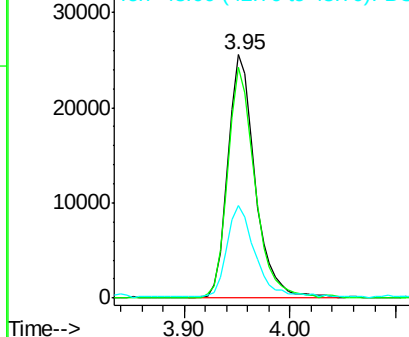
#2

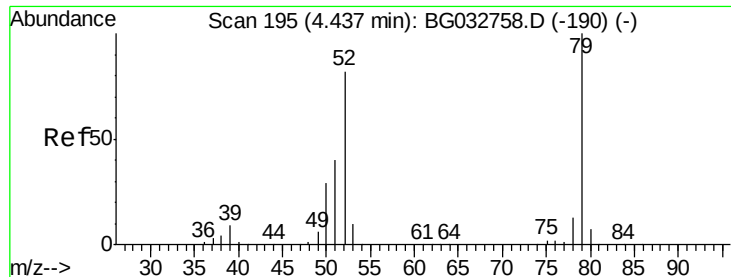
1,4-Dioxane
Concen: 33.163 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion: 88 Resp: 45640
Ion Ratio Lower Upper
88 100
58 93.9 79.6 119.4
43 37.3 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: 36.211 ng

RT: 4.42 min Scan# 193

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

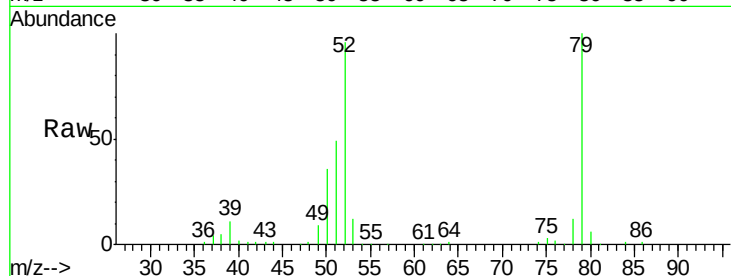
Tot Ion: 79 Resp: 137353

Ion Ratio Lower Upper

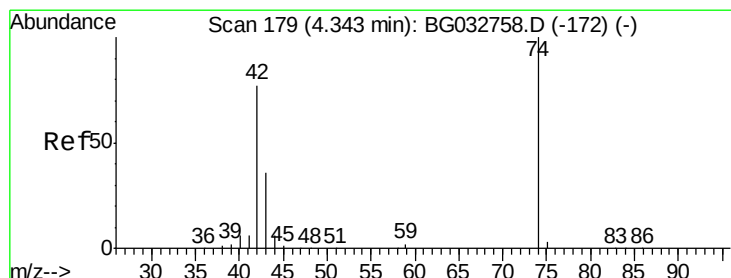
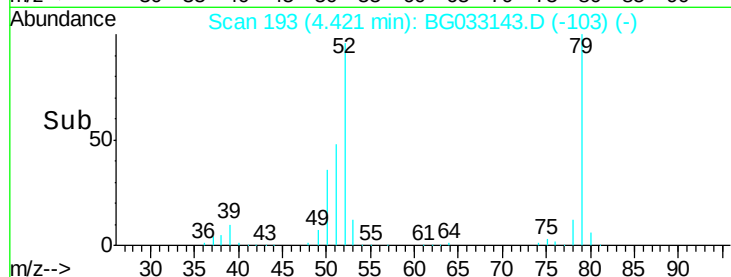
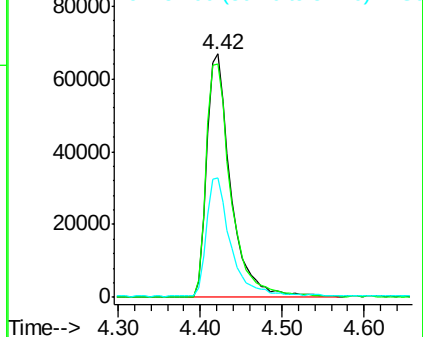
79 100

52 96.0 69.9 104.9

51 49.2 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 45.075 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

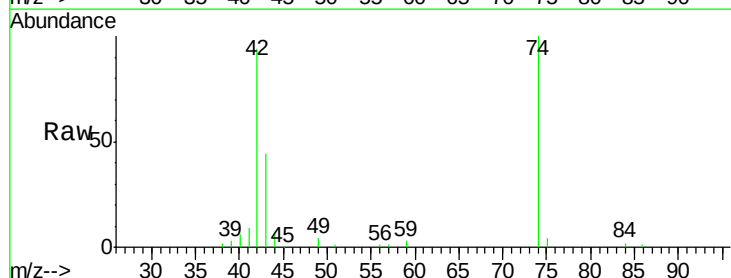
Tgt Ion: 42 Resp: 68548

Ion Ratio Lower Upper

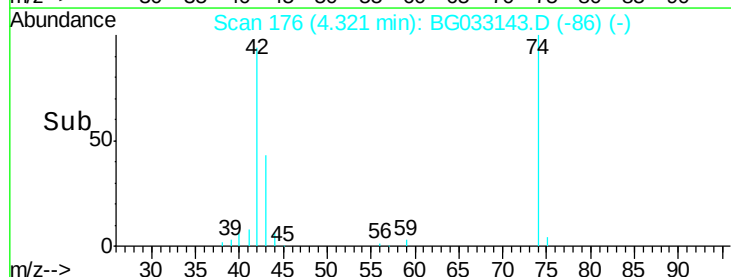
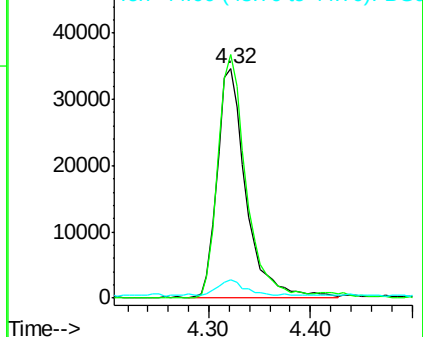
42 100

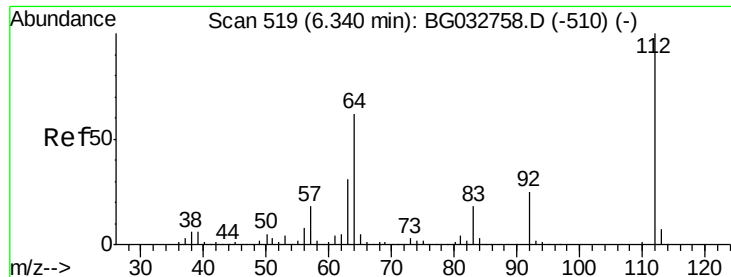
74 106.3 102.5 153.7

44 7.7 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: 74.045 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

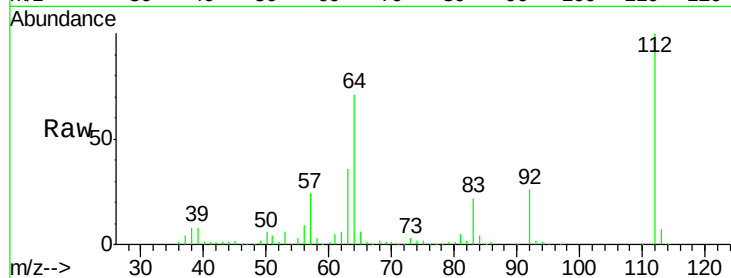
Tot Ion:112 Resp: 234801

Ion Ratio Lower Upper

112 100

64 70.6 56.3 84.5

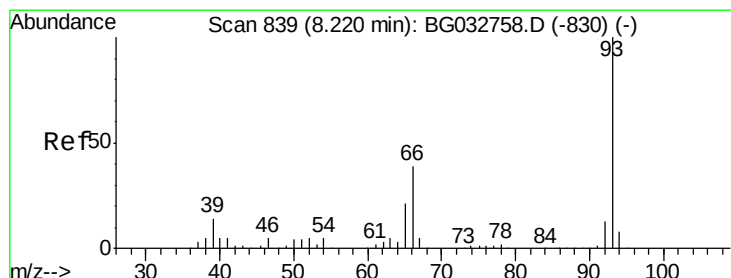
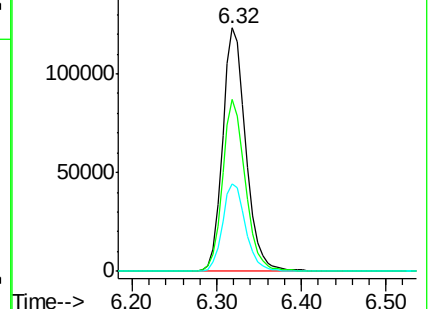
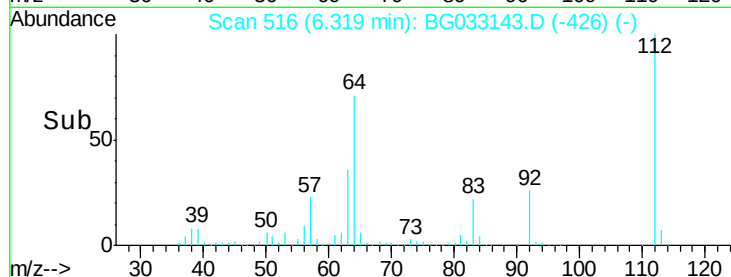
63 35.7 30.1 45.1



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: 36.647 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

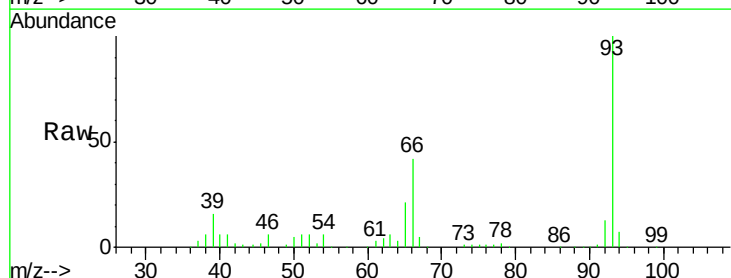
Tgt Ion: 93 Resp: 219255

Ion Ratio Lower Upper

93 100

66 41.9 33.7 50.5

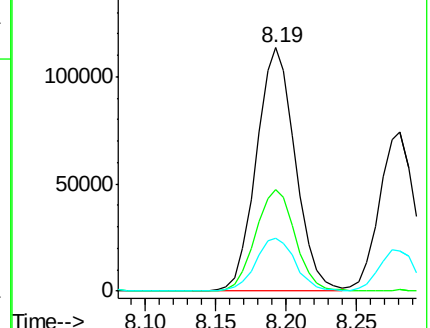
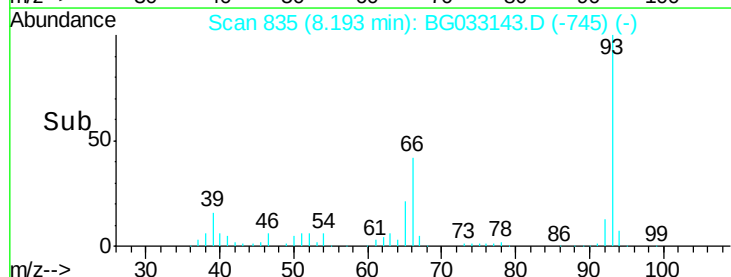
65 21.5 16.1 24.1

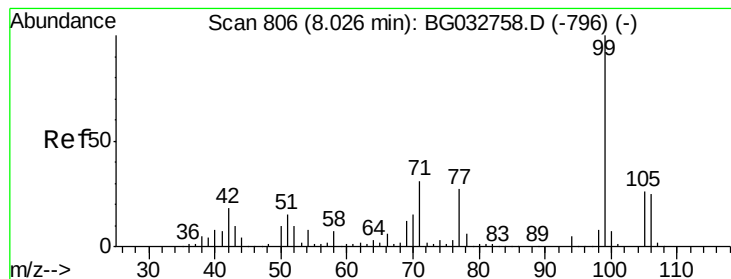


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.744 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampled :

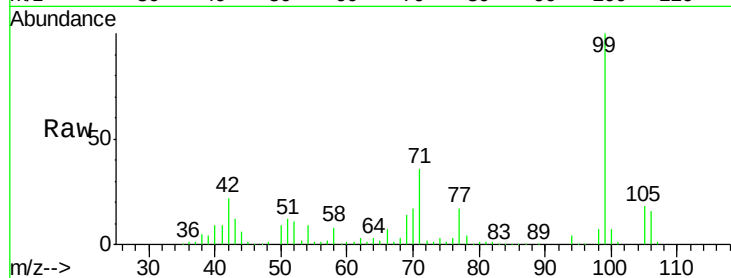
Tot Ion: 99 Resp: 330367

Ion Ratio Lower Upper

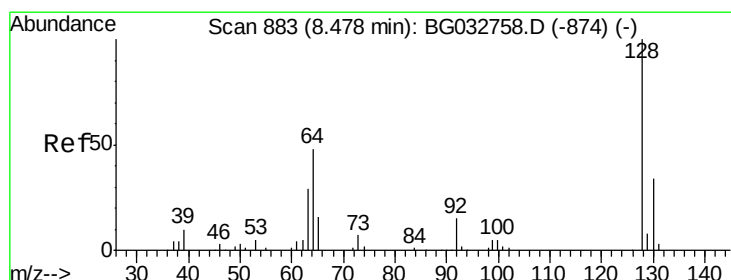
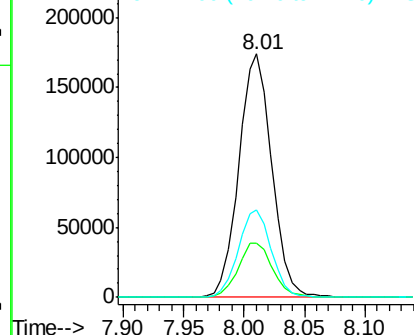
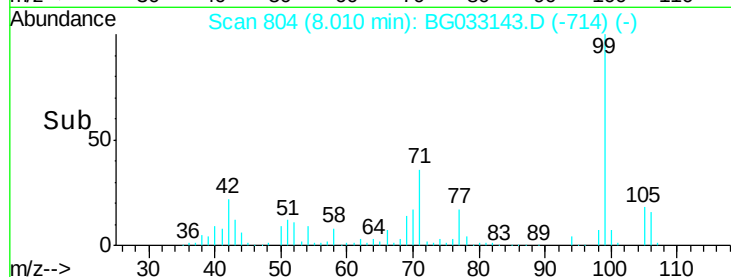
99 100

42 22.4 14.1 21.1#

71 35.9 26.1 39.1



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



#8

2-Chlorophenol

Concen: 37.383 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

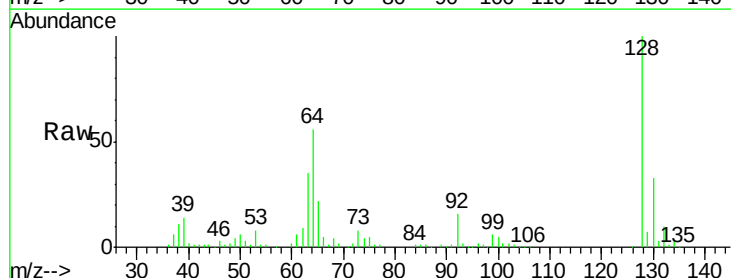
Tgt Ion: 128 Resp: 129752

Ion Ratio Lower Upper

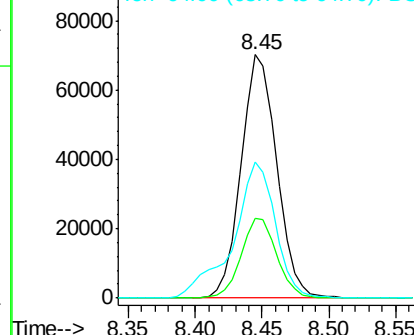
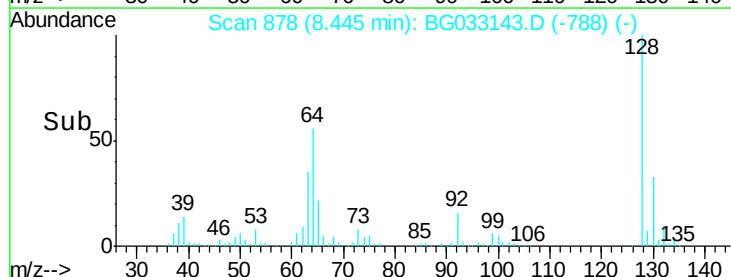
128 100

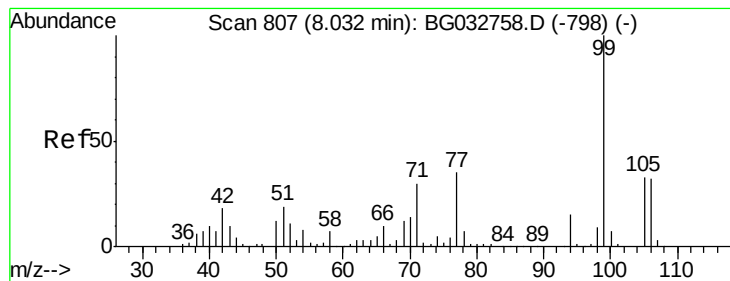
130 32.9 14.0 54.0

64 56.1 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: 39.600 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

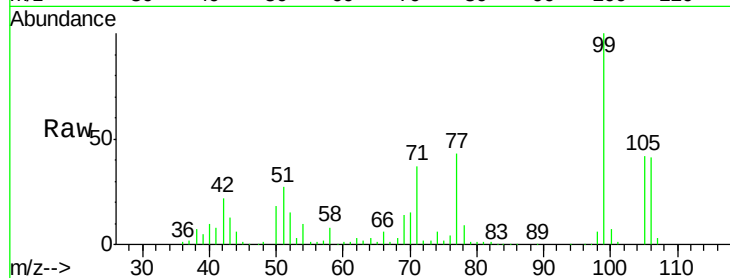
Tot Ion: 77 Resp: 100879

Ion Ratio Lower Upper

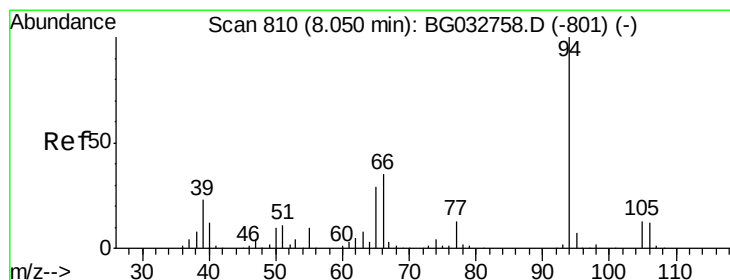
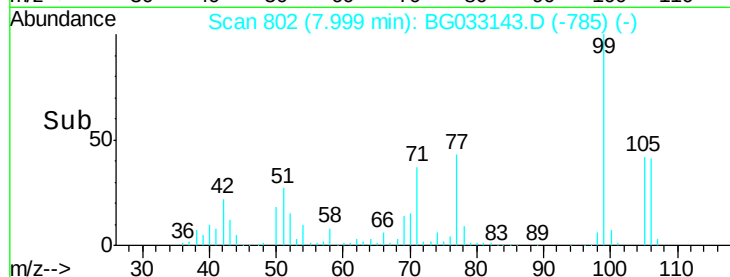
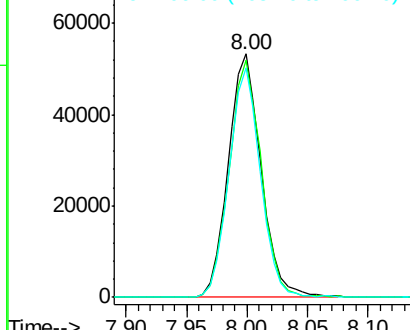
77 100

105 97.3 71.3 111.3

106 94.1 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: 38.096 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

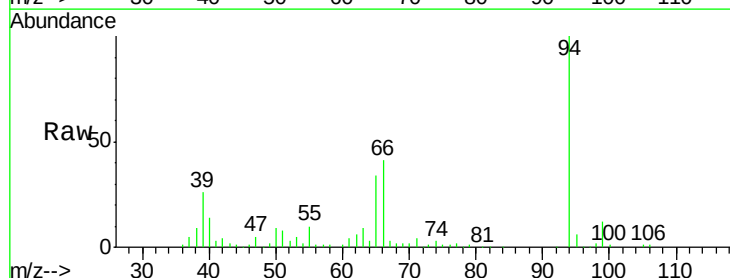
Tgt Ion: 94 Resp: 169741

Ion Ratio Lower Upper

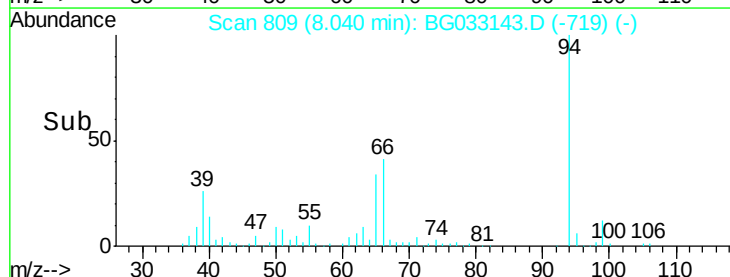
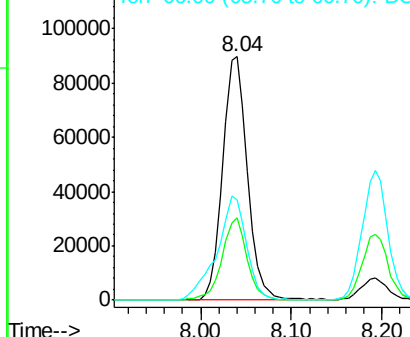
94 100

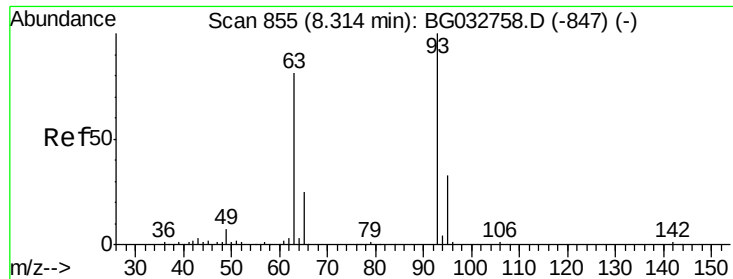
65 33.7 11.9 51.9

66 41.3 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

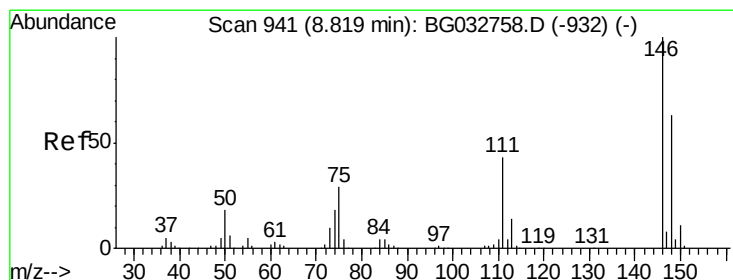
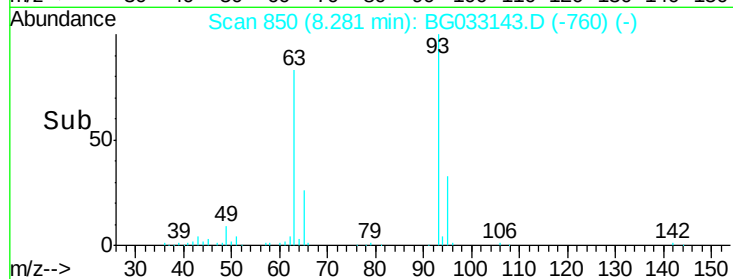
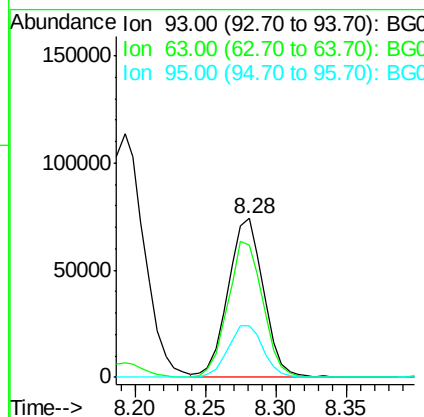
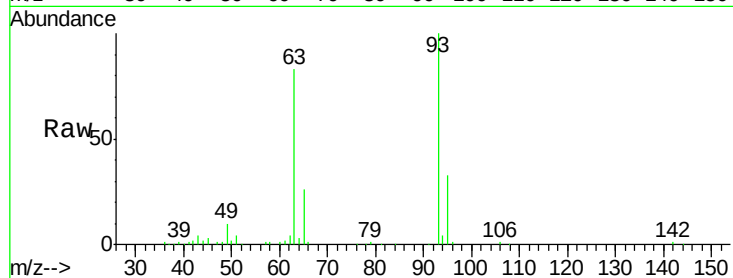




#11
bis(2-Chloroethyl)ether
Concen: 35.315 ng
RT: 8.28 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

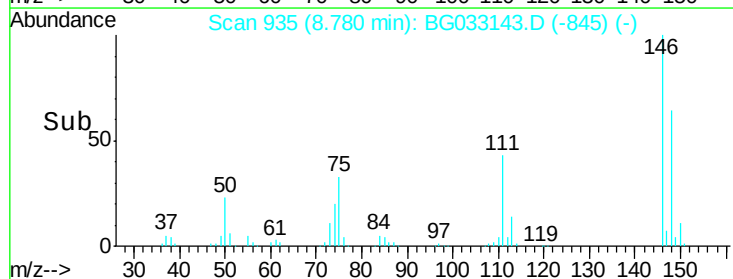
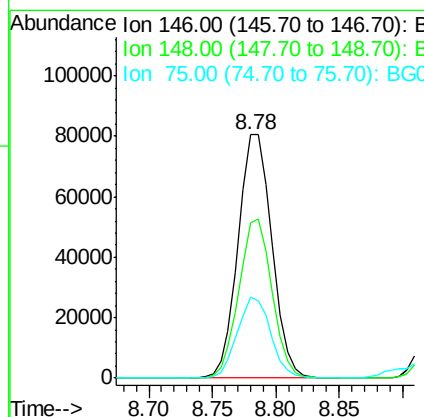
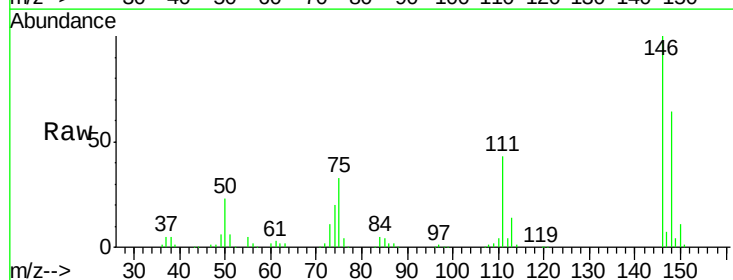
Instrument :
BNA_G
ClientSampled :

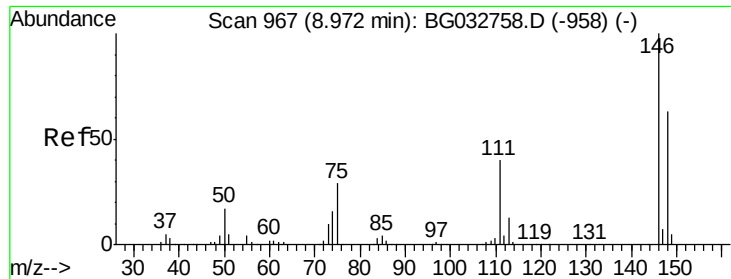
Tot Ion:	93	Resp:	128666
Ion	Ratio	Lower	Upper
93	100		
63	83.3	67.1	107.1
95	32.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 36.769 ng
RT: 8.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:	146	Resp:	149477
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	33.3	26.6	39.8

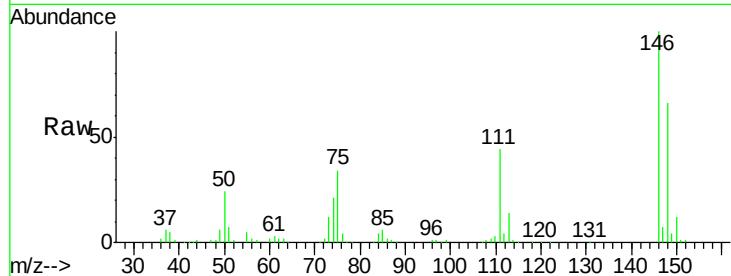




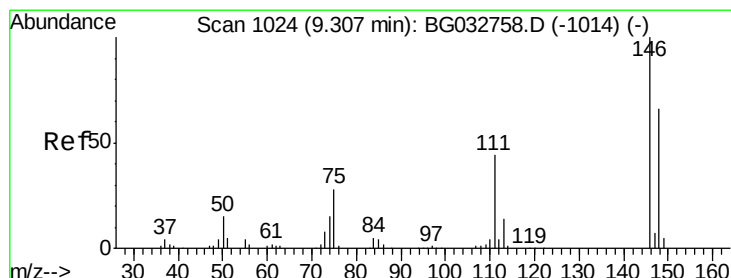
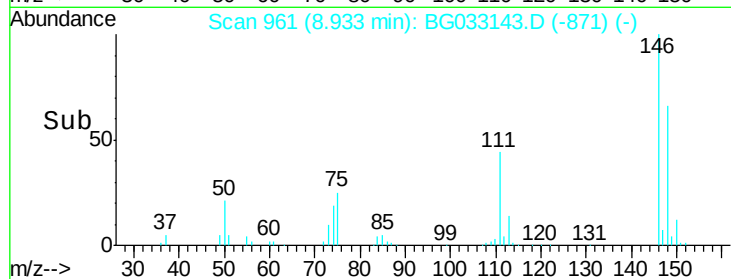
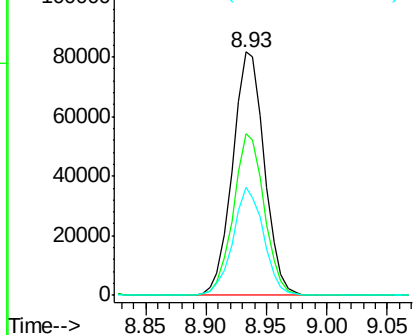
#13
 1,4-Dichlorobenzene
 Concen: 36.512 ng
 RT: 8.93 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 149412
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.7 80.5
 111 44.2 35.2 52.8

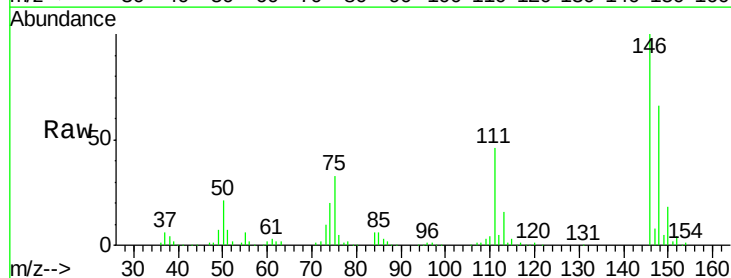


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

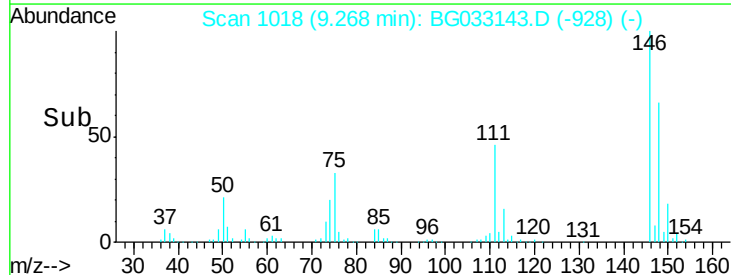
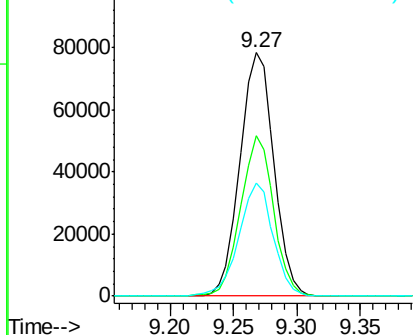


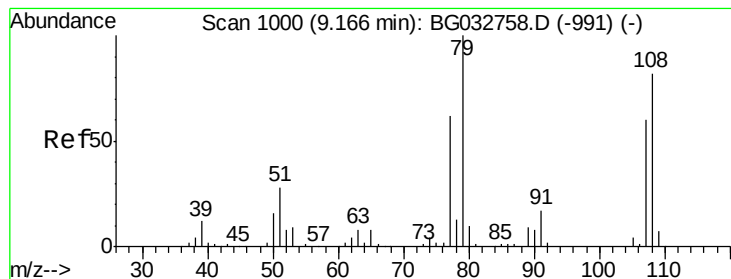
#14
 1,2-Dichlorobenzene
 Concen: 37.148 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion:146 Resp: 145670
 Ion Ratio Lower Upper
 146 100
 148 66.1 49.3 73.9
 111 46.3 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: 40.848 ng

RT: 9.13 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampled :

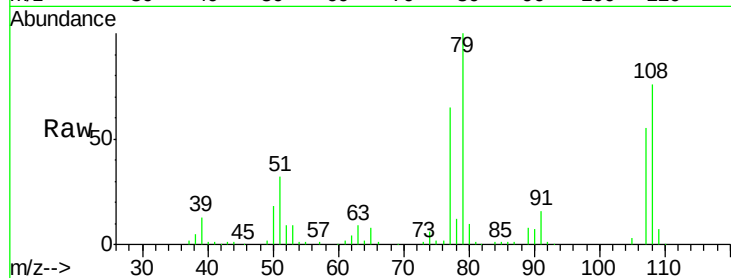
Tot Ion: 79 Resp: 132732

Ion Ratio Lower Upper

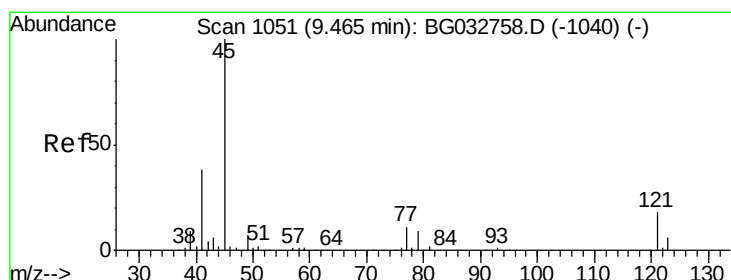
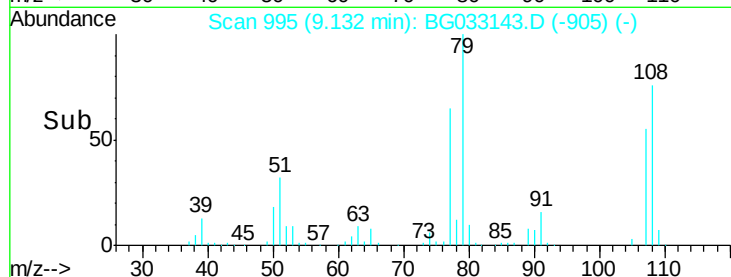
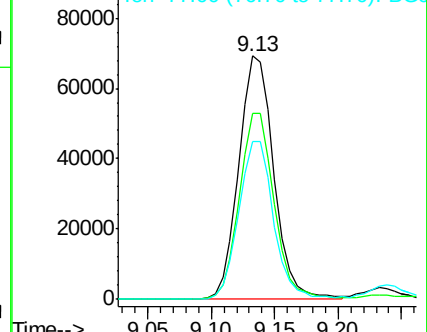
79 100

108 76.1 57.2 85.8

77 65.1 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: 42.503 ng

RT: 9.42 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

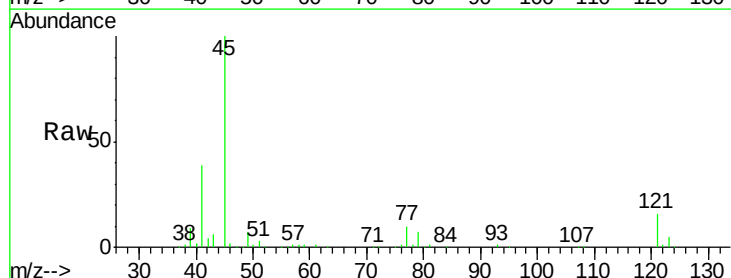
Tgt Ion: 45 Resp: 266206

Ion Ratio Lower Upper

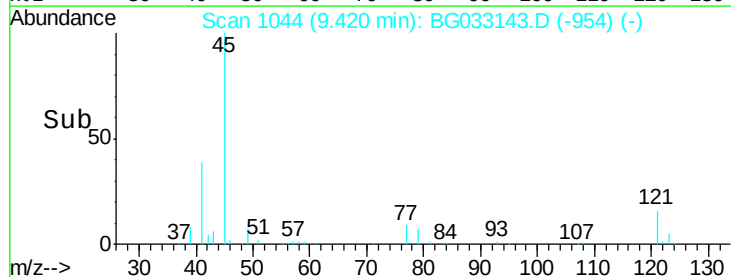
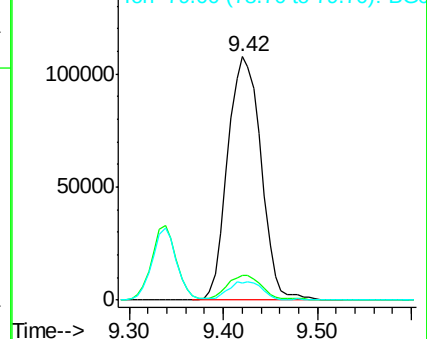
45 100

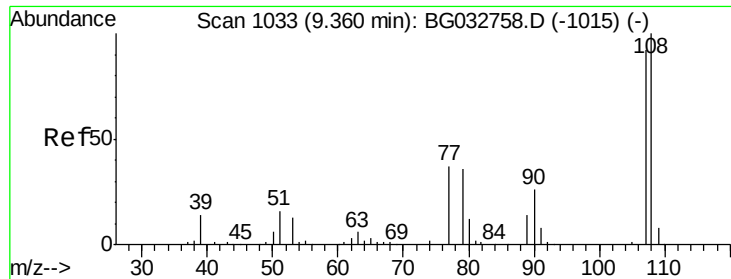
77 10.3 0.0 30.2

79 7.3 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: 37.949 ng

RT: 9.34 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 124685

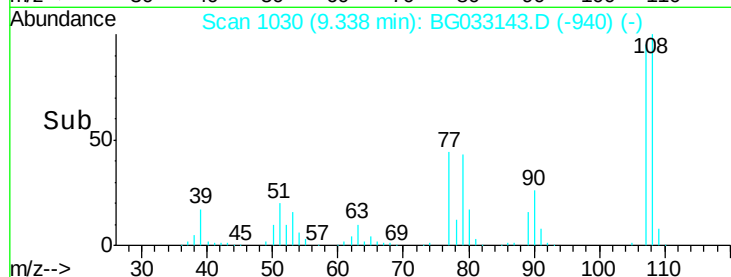
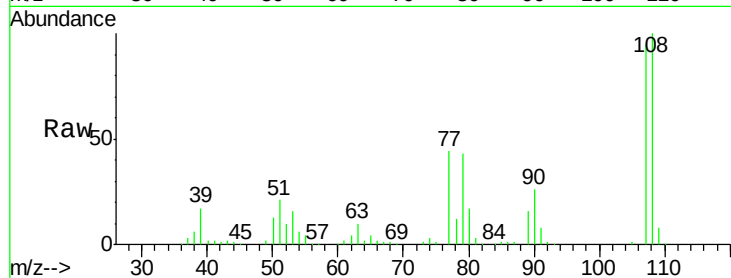
Ion Ratio Lower Upper

107 100

108 105.5 83.9 125.9

77 46.6 37.2 55.8

79 45.1 36.2 54.2

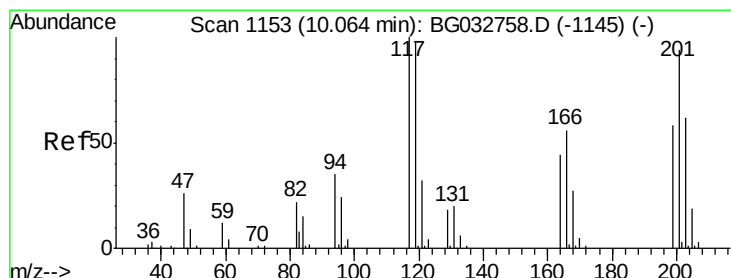
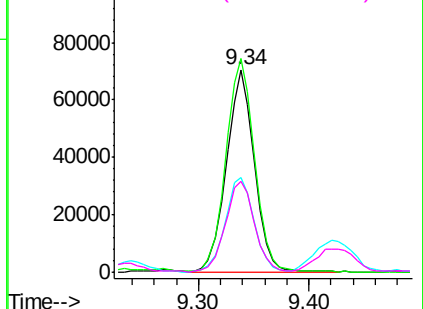


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.396 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

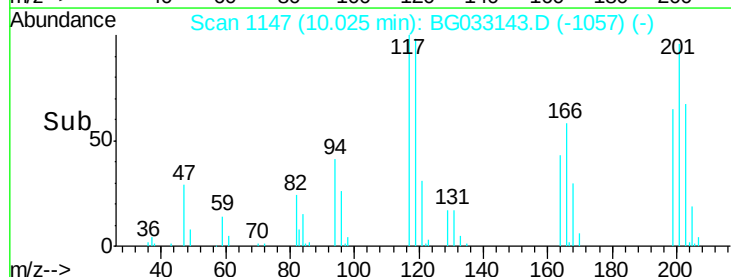
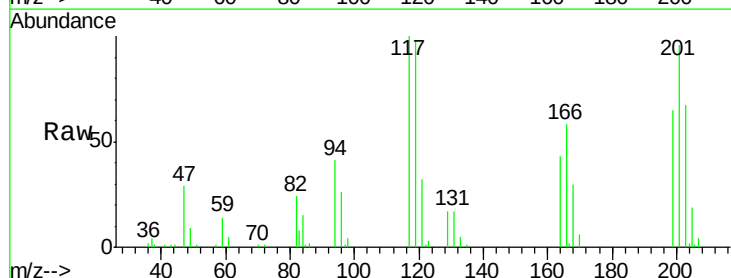
Tgt Ion:117 Resp: 54890

Ion Ratio Lower Upper

117 100

119 98.1 76.7 115.1

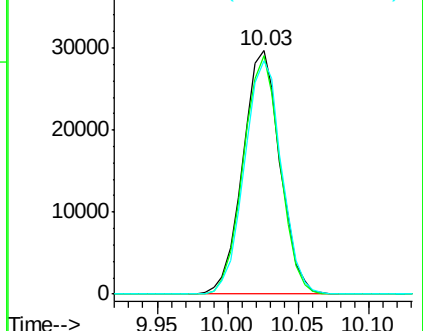
201 95.7 95.7 143.5#

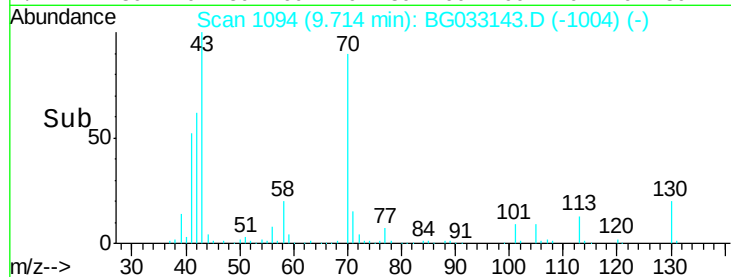
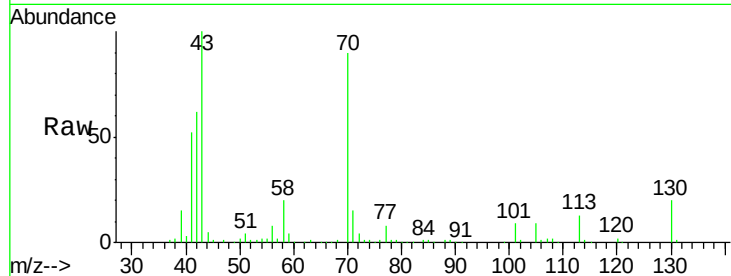
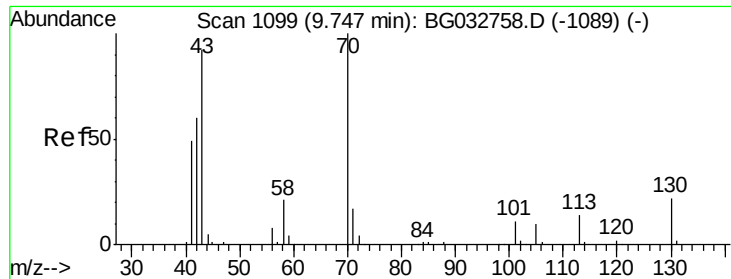


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

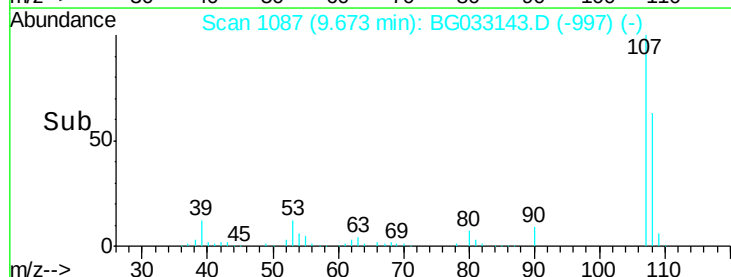
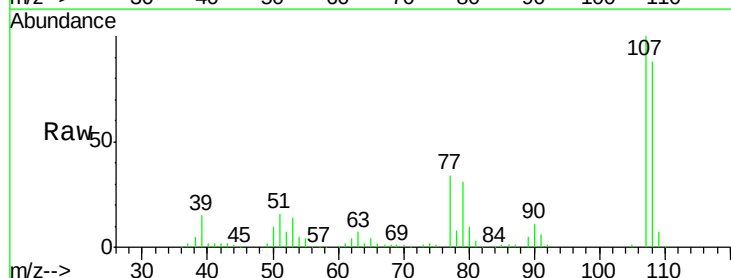
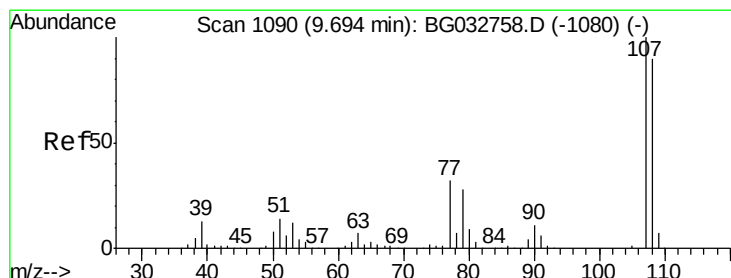
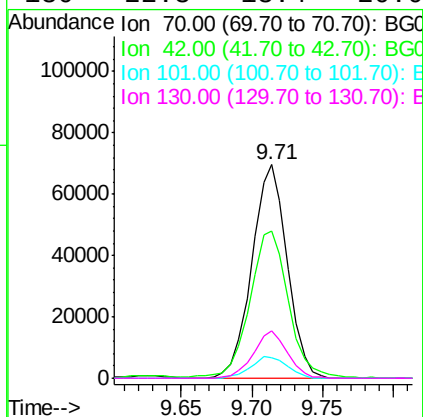




#19
n-Nitroso-di-n-propylamine
Concen: 39.204 ng
RT: 9.71 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

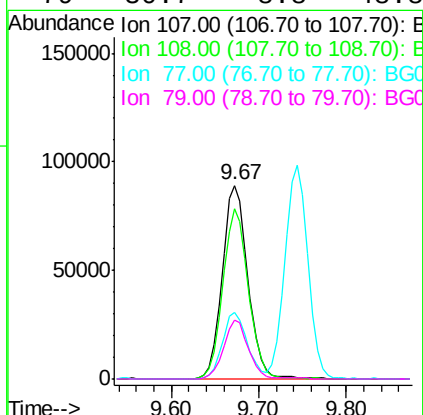
Instrument :
BNA_G
ClientSampleId :

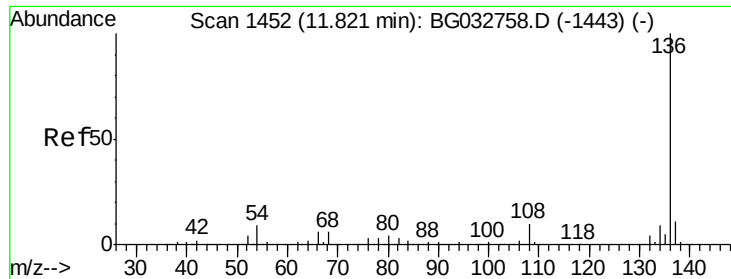
Tot Ion: 70 Resp: 122332
Ion Ratio Lower Upper
70 100
42 68.9 49.1 73.7
101 9.7 8.5 12.7
130 22.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.179 ng
RT: 9.67 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion: 107 Resp: 178982
Ion Ratio Lower Upper
107 100
108 88.1 61.6 101.6
77 34.4 13.9 53.9
79 30.7 8.8 48.8

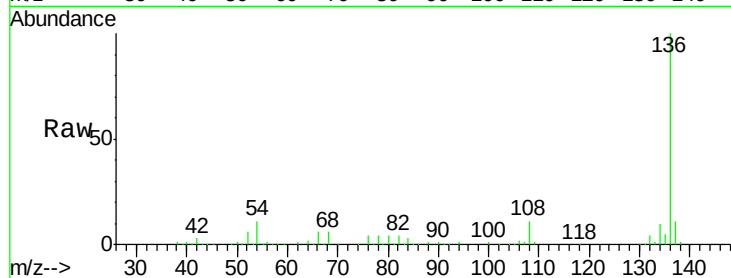




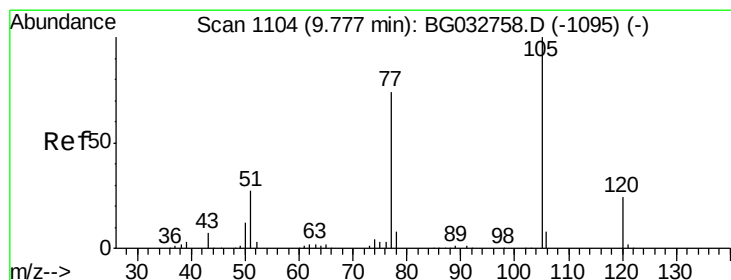
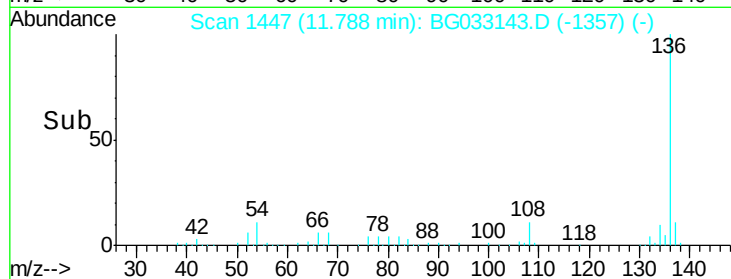
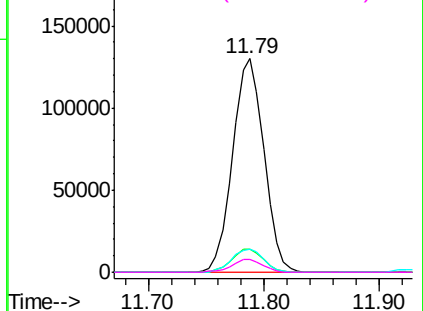
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	243586
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	10.8	10.3 15.5
68	6.2	4.5 6.7

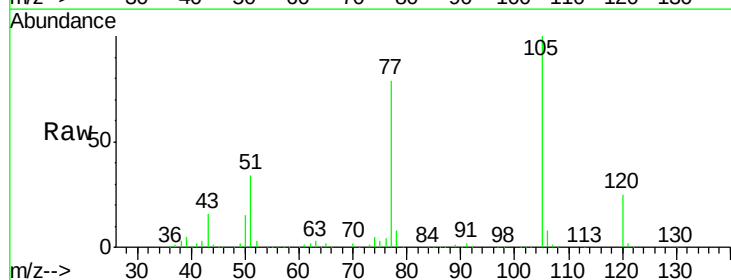


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

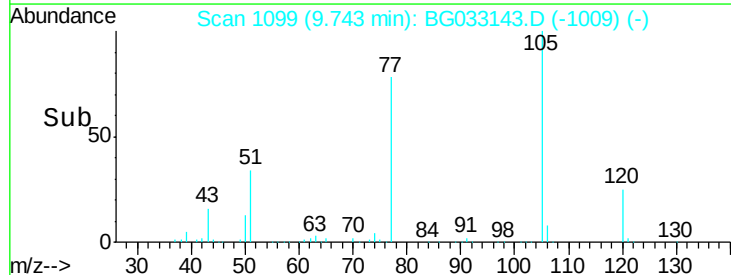
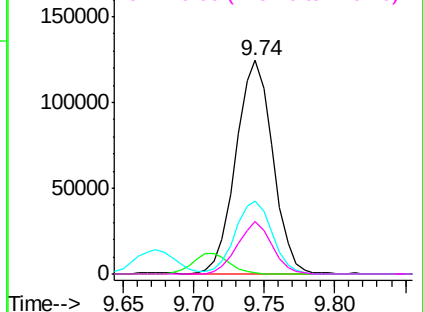


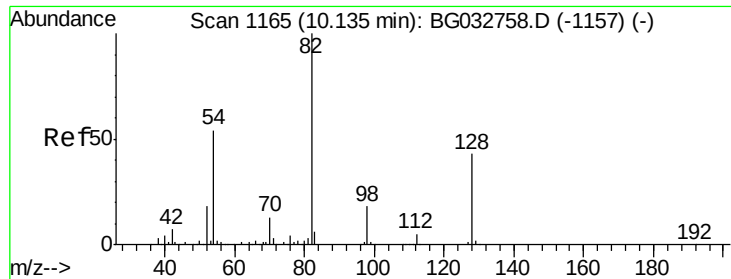
#22
Acetophenone
Concen: 36.740 ng
RT: 9.74 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:105	Resp:	226012
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	34.0	26.1 39.1
120	24.7	17.4 26.2



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

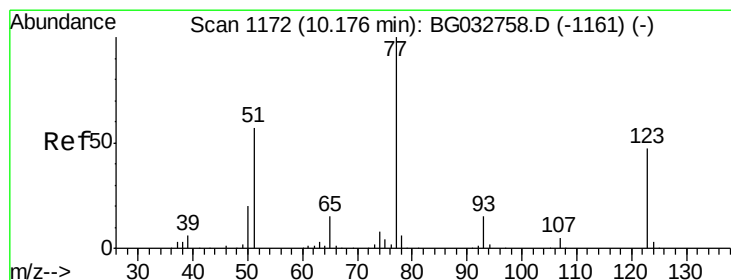
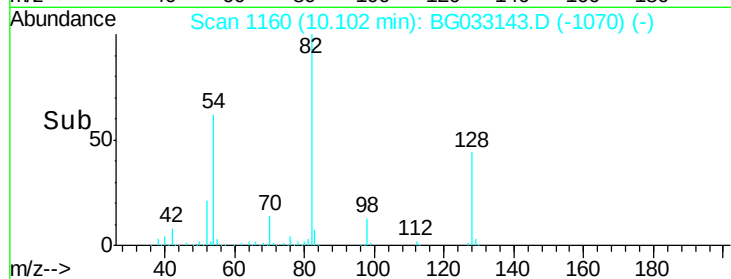
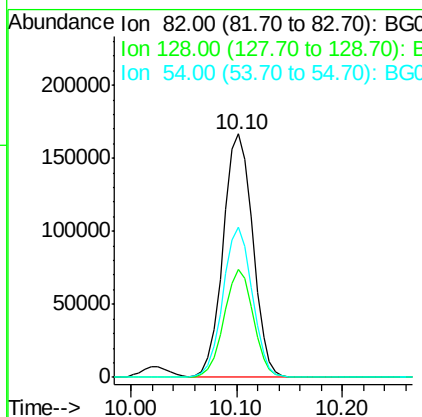
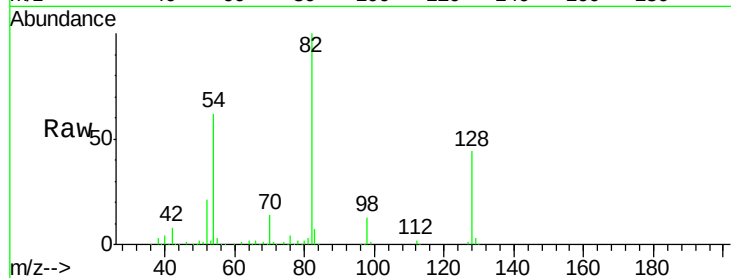




#23
 Nitrobenzene-d5
 Concen: 91.487 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

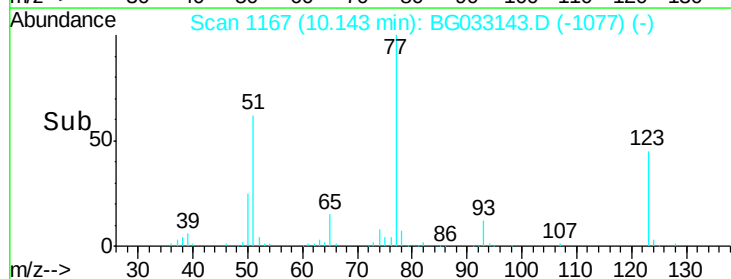
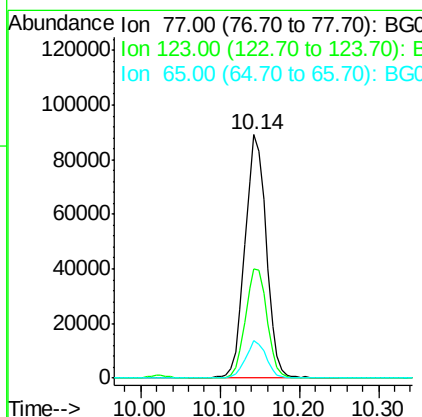
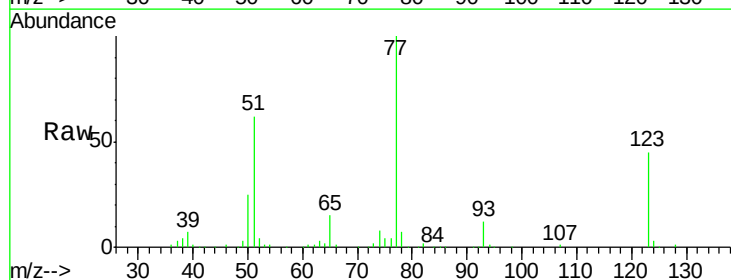
Instrument :
 BNA_G
 ClientSampled :

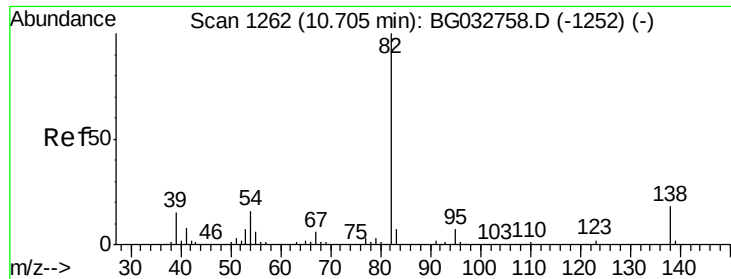
Tot Ion	82	Resp	324139
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	61.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.717 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion	77	Resp	167271
Ion Ratio	Lower	Upper	
77	100		
123	44.7	33.0	49.6
65	15.2	13.0	19.6





#25

Isophorone

Concen: 38.210 ng

RT: 10.67 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampled :

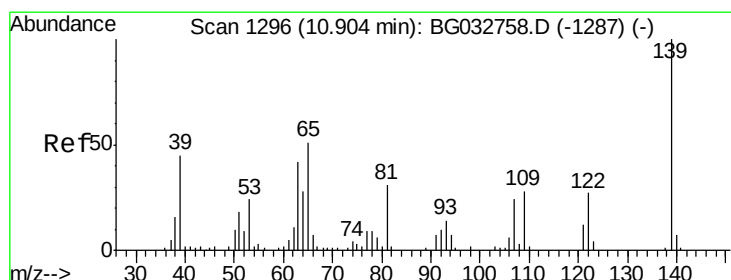
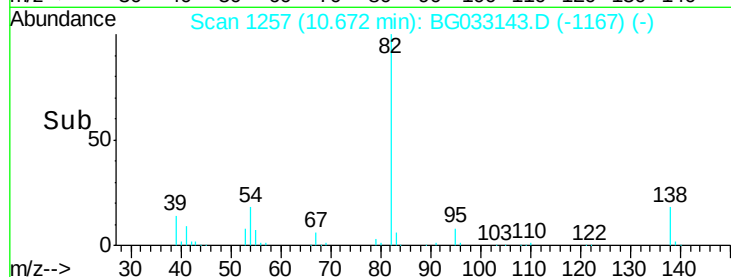
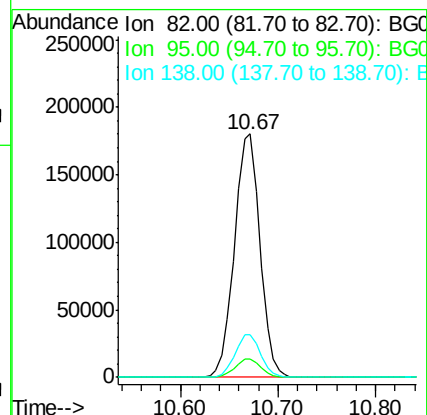
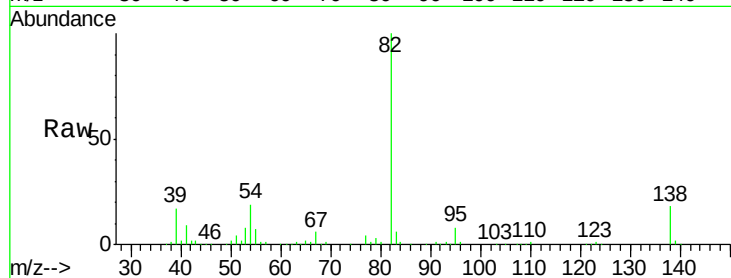
Tot Ion: 82 Resp: 326688

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 17.5 12.1 18.1



#26

2-Nitrophenol

Concen: 55.798 ng

RT: 10.87 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

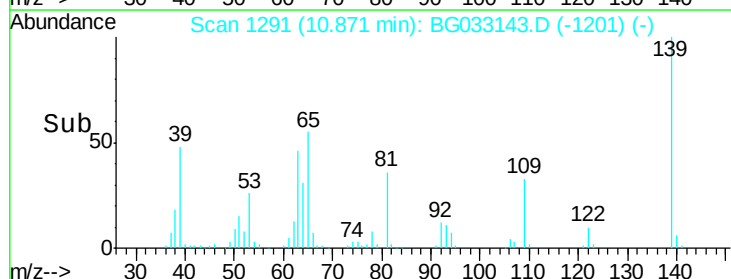
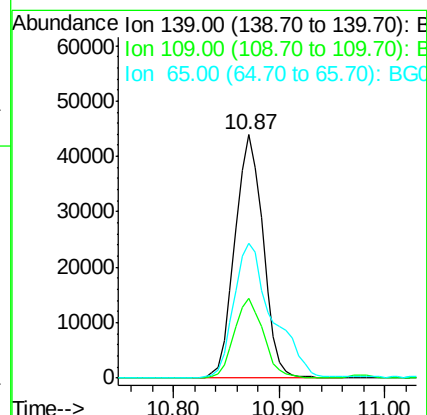
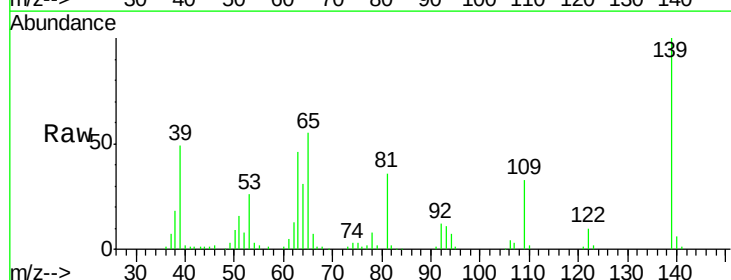
Tgt Ion: 139 Resp: 81032

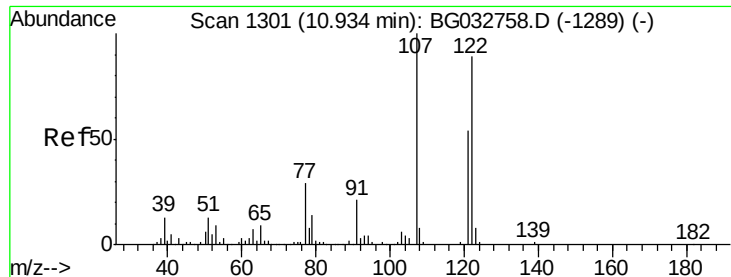
Ion Ratio Lower Upper

139 100

109 32.6 24.2 36.2

65 55.1 47.4 71.0

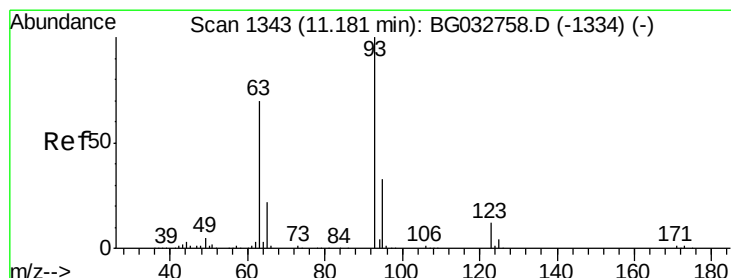
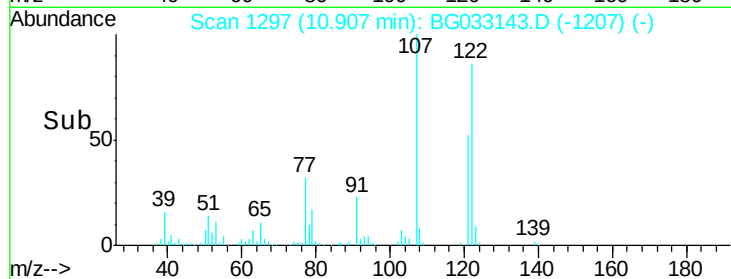
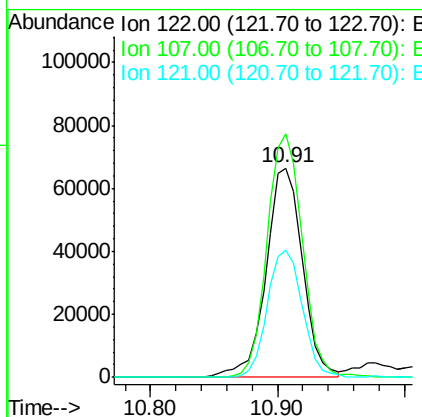
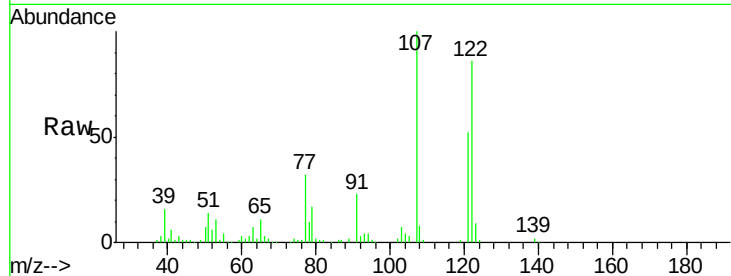




#27
2,4-Dimethylphenol
Concen: 35.536 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

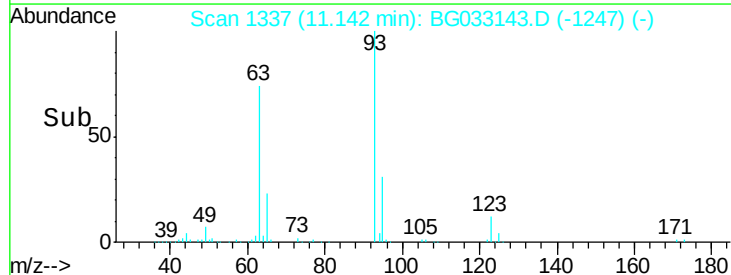
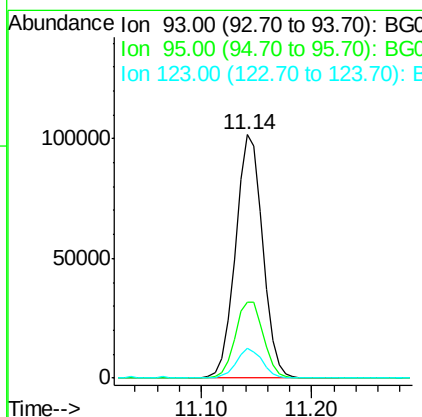
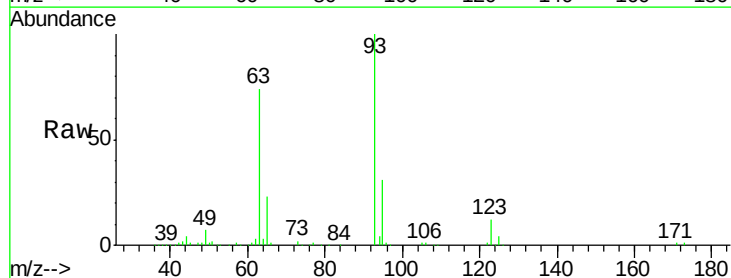
Instrument :
BNA_G
ClientSampled :

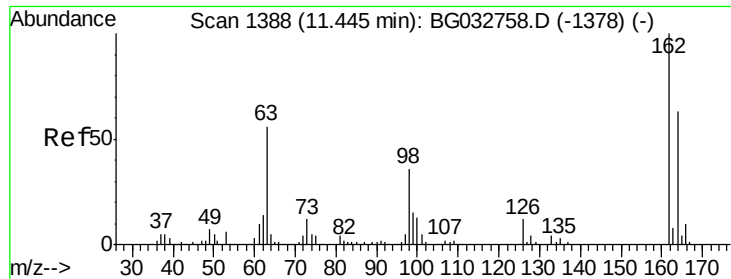
Tot Ion:122 Resp: 131983
Ion Ratio Lower Upper
122 100
107 116.3 100.2 150.2
121 60.9 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 35.283 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion: 93 Resp: 175734
Ion Ratio Lower Upper
93 100
95 31.4 24.3 36.5
123 12.2 8.4 12.6

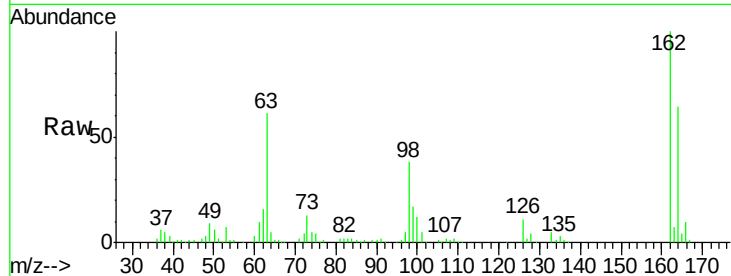




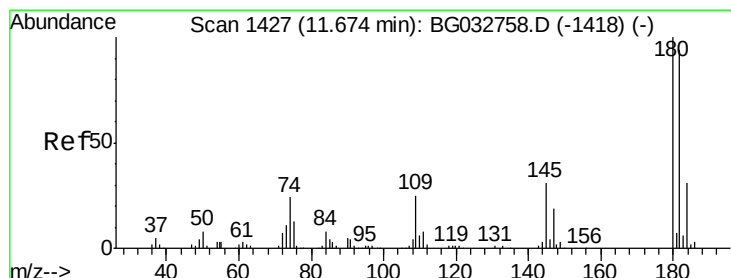
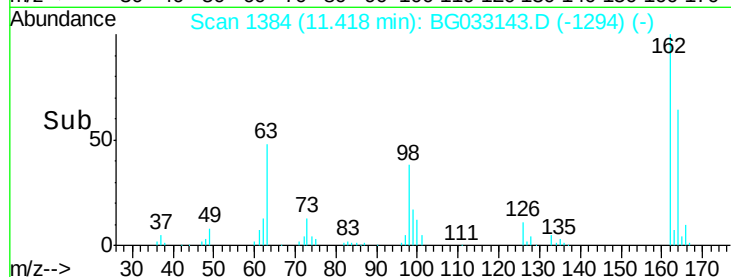
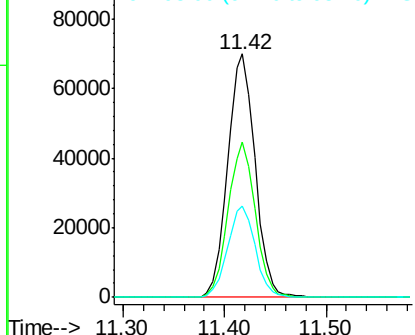
#29
 2,4-Dichlorophenol
 Concen: 38.793 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 130768
 Ion Ratio Lower Upper
 162 100
 164 63.9 48.0 88.0
 98 37.5 21.1 61.1

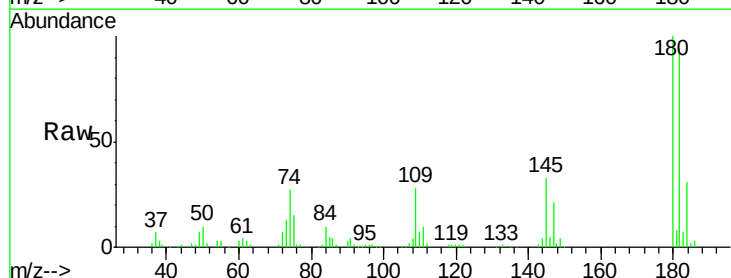


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

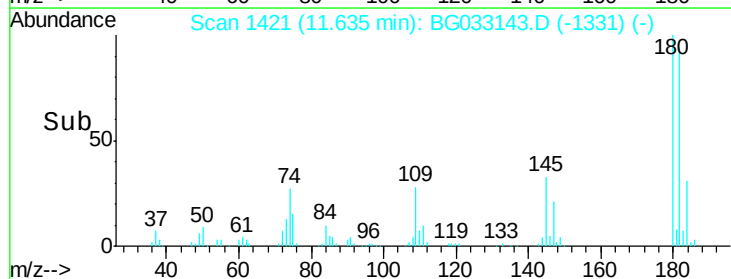
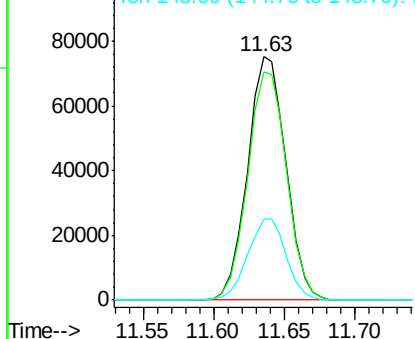


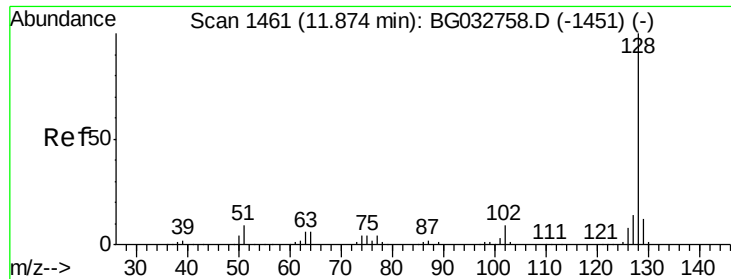
#30
 1,2,4-Trichlorobenzene
 Concen: 36.151 ng
 RT: 11.63 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion:180 Resp: 142845
 Ion Ratio Lower Upper
 180 100
 182 93.6 77.5 116.3
 145 33.0 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

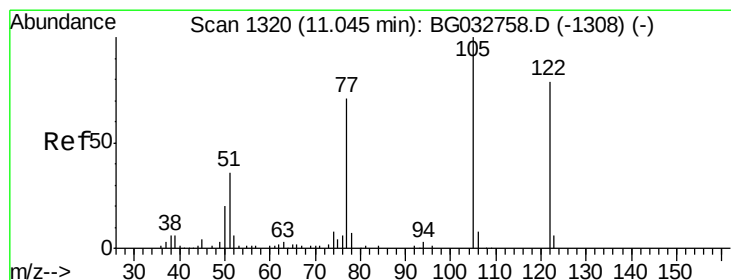
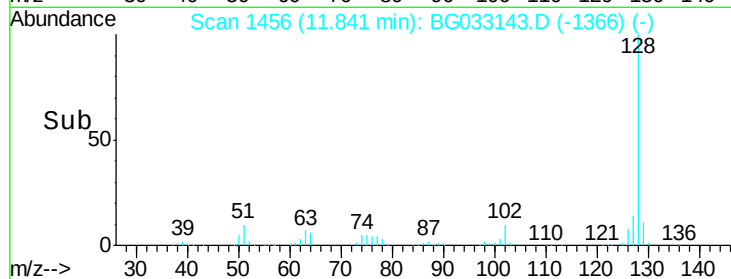
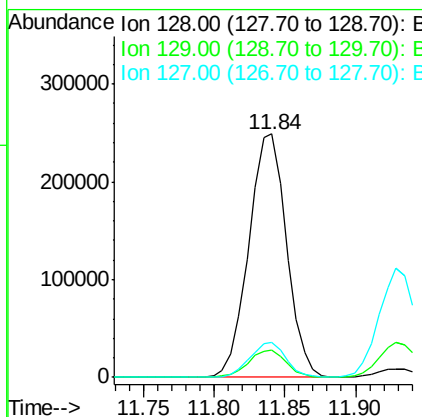
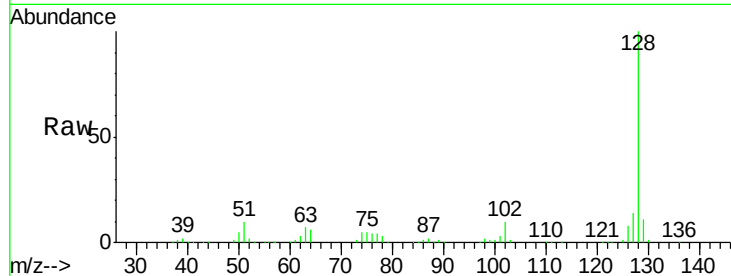




#31
Naphthalene
Concen: 36.475 ng
RT: 11.84 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

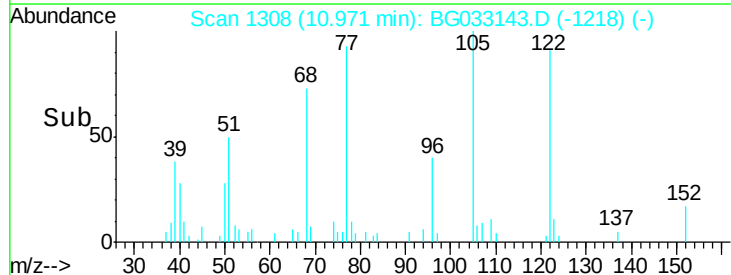
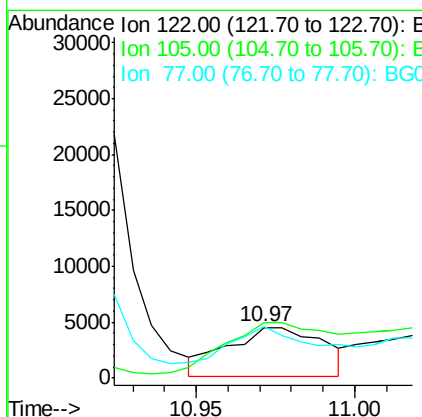
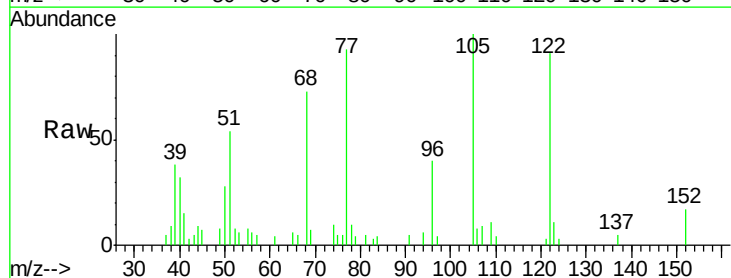
Instrument :
BNA_G
ClientSampleId :

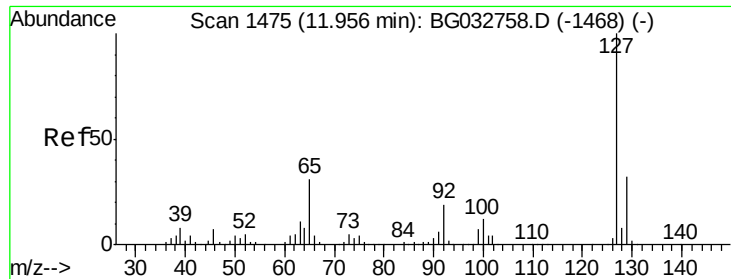
Tot Ion:128 Resp: 464262
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 10.496 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:122 Resp: 9220
Ion Ratio Lower Upper
122 100
105 110.3 123.5 163.5#
77 103.1 85.7 125.7

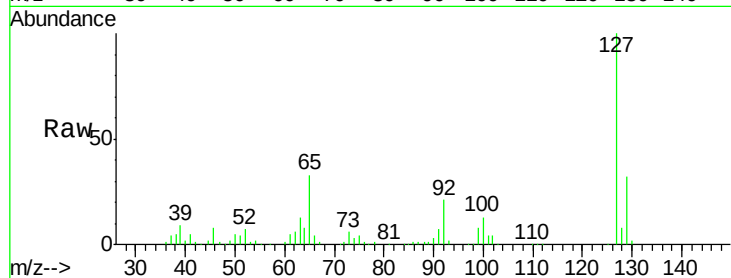




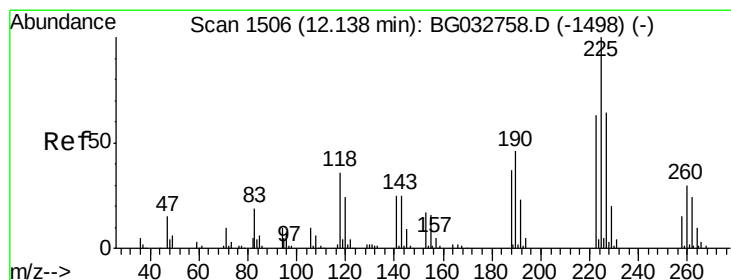
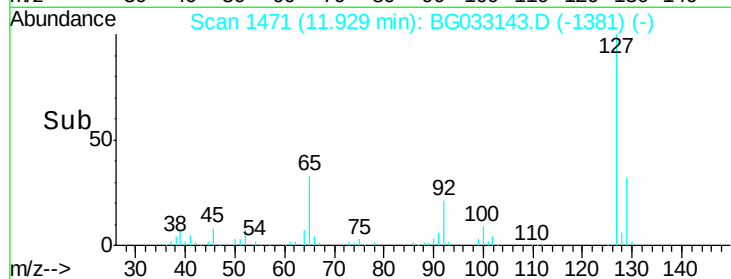
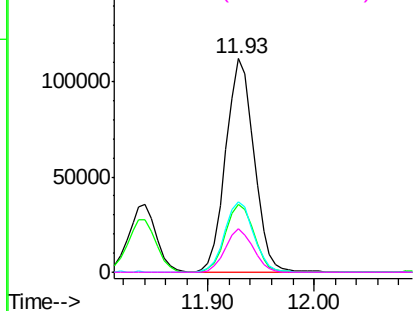
#33
4-Chloroaniline
Concen: 36.403 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	207173
Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.0	36.0
65	33.1	27.0	40.4
92	20.7	16.6	25.0

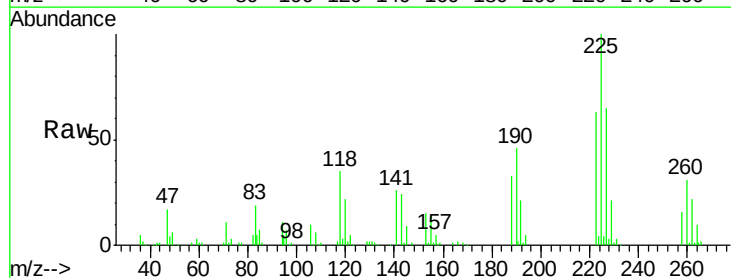


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

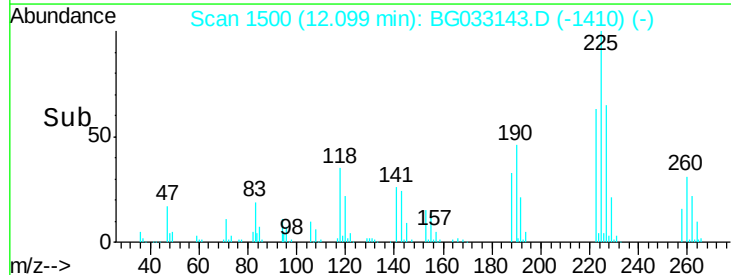
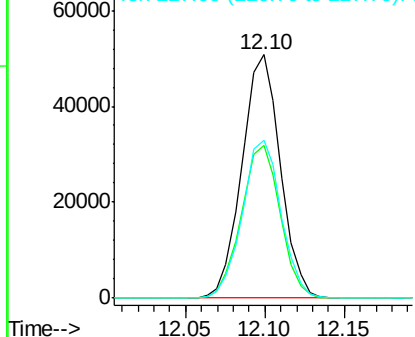


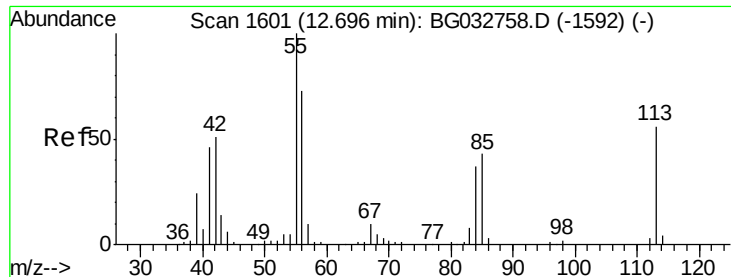
#34
Hexachlorobutadiene
Concen: 38.557 ng
RT: 12.10 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:	225	Resp:	85458
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.8	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

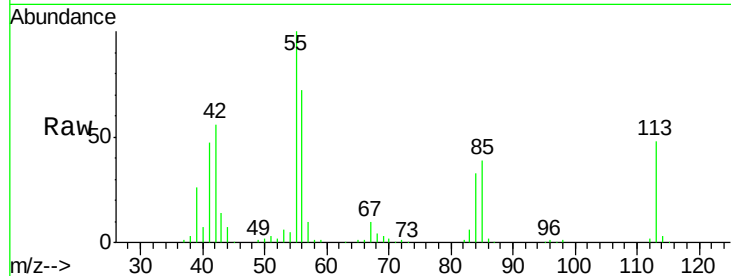




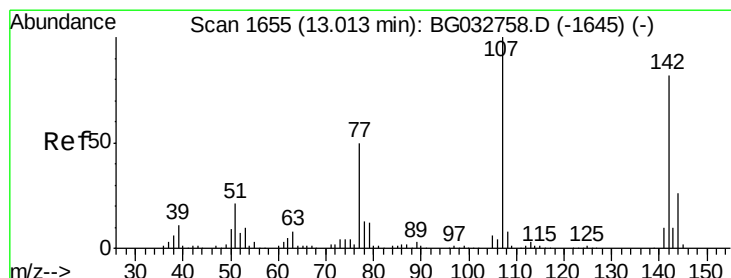
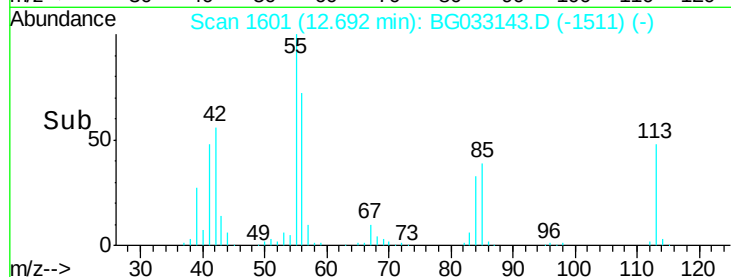
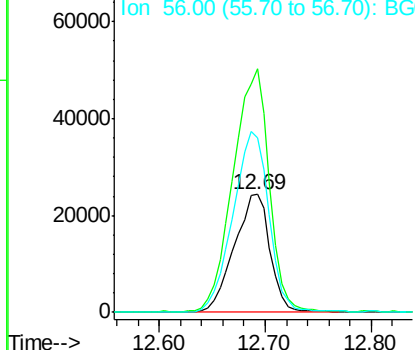
#35
Caprolactam
Concen: 42.392 ng
RT: 12.69 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 57219
Ion Ratio Lower Upper
113 100
55 207.0 186.9 226.9
56 148.7 130.9 170.9

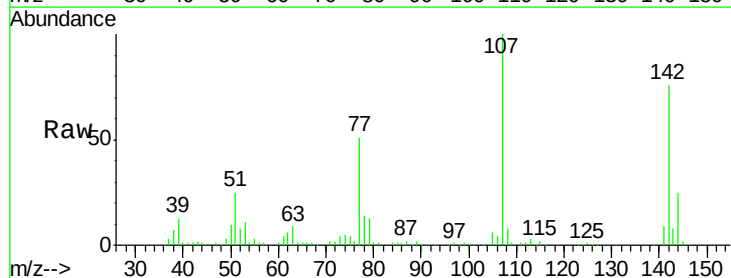


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

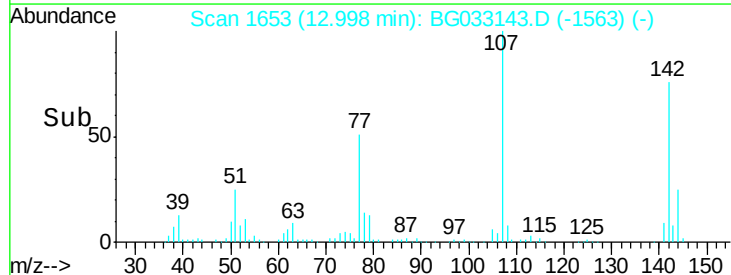
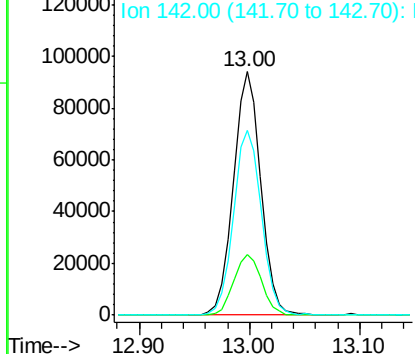


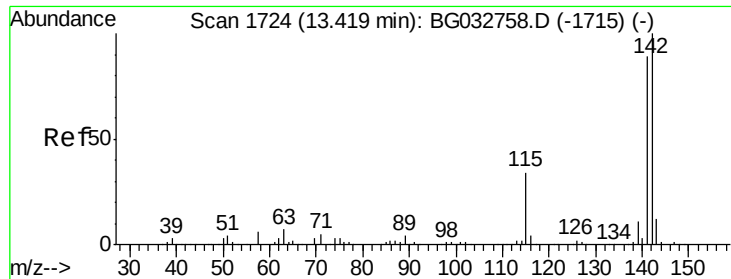
#36
4-Chloro-3-methylphenol
Concen: 41.704 ng
RT: 13.00 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:107 Resp: 163595
Ion Ratio Lower Upper
107 100
144 24.9 18.2 27.4
142 75.9 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

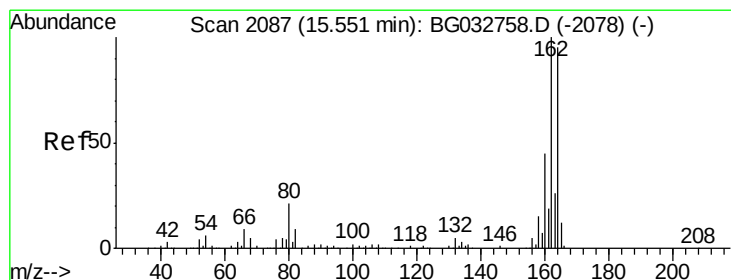
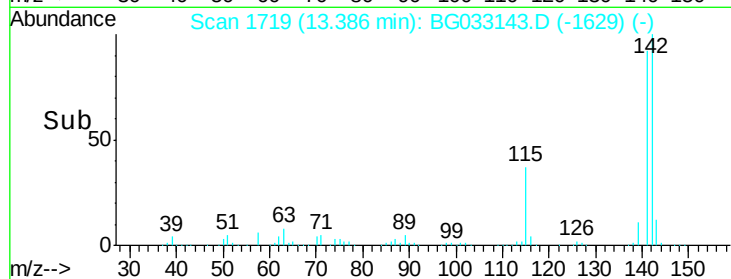
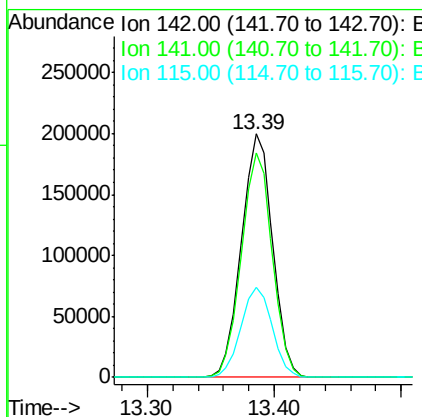
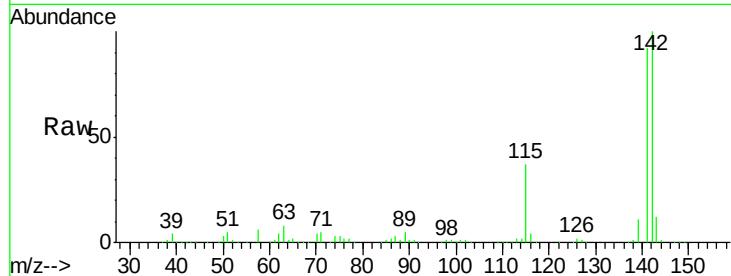




#37
 2-Methylnaphthalene
 Concen: 37.060 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

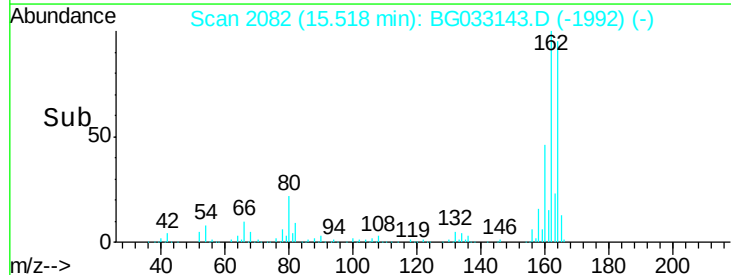
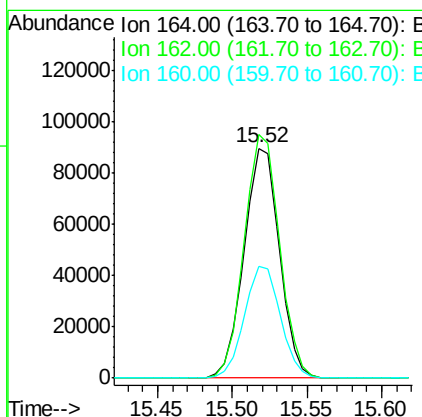
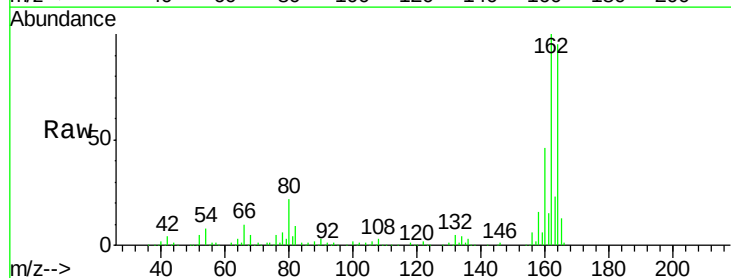
Instrument :
 BNA_G
 ClientSampled :

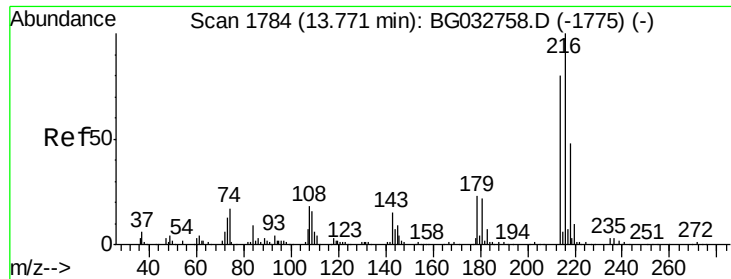
Tot Ion:142 Resp: 341272
 Ion Ratio Lower Upper
 142 100
 141 92.4 67.1 100.7
 115 37.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion:164 Resp: 146772
 Ion Ratio Lower Upper
 164 100
 162 105.8 78.8 118.2
 160 48.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.554 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG033143.D

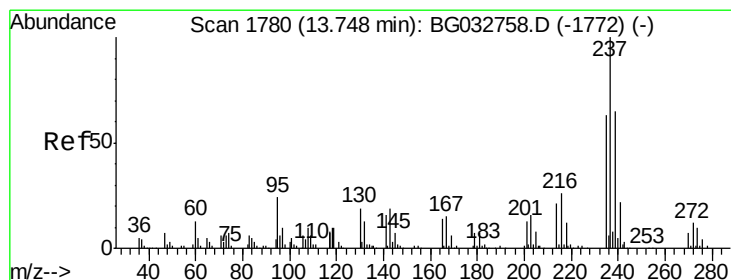
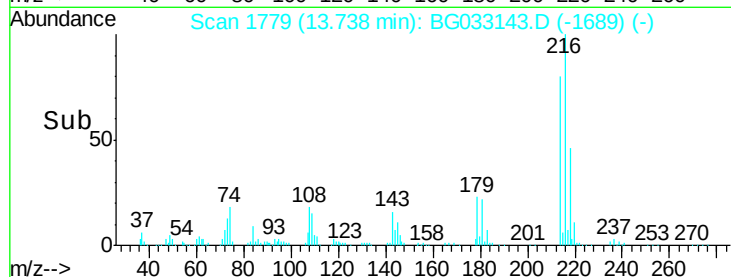
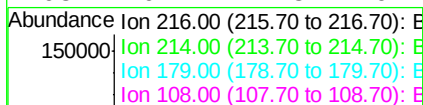
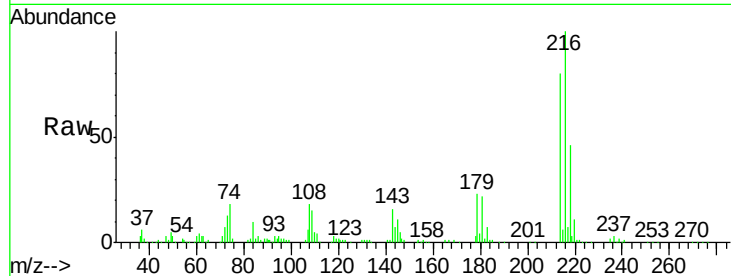
Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	163621
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.6	17.0	25.6
108	20.4	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 40.781 ng

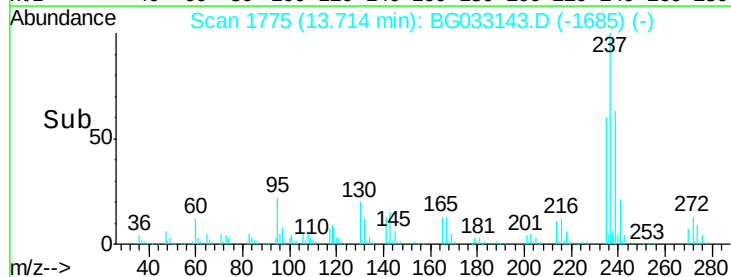
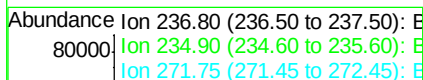
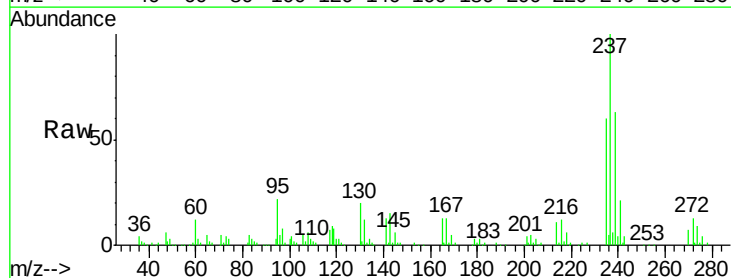
RT: 13.71 min Scan# 1775

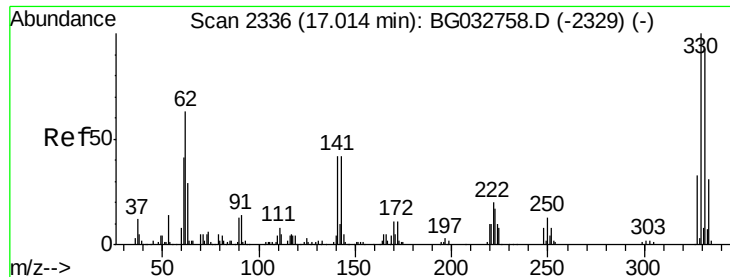
Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Tgt Ion:	237	Resp:	90552
Ion	Ratio	Lower	Upper
237	100		
235	59.5	50.4	90.4
272	13.3	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 98.827 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

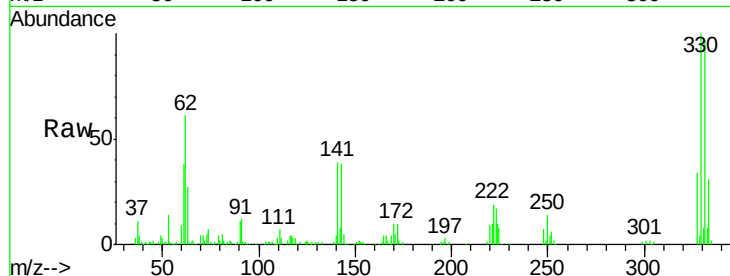
Tot Ion:330 Resp: 152515

Ion Ratio Lower Upper

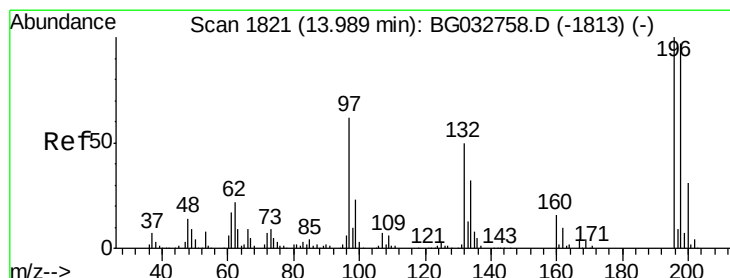
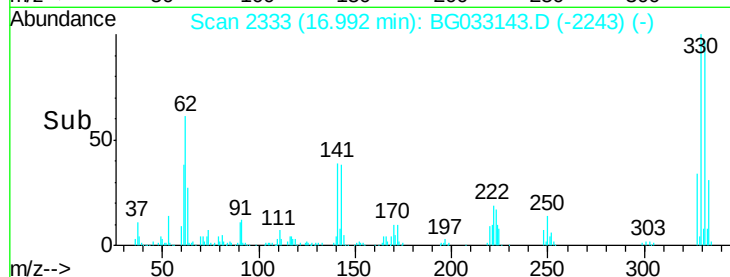
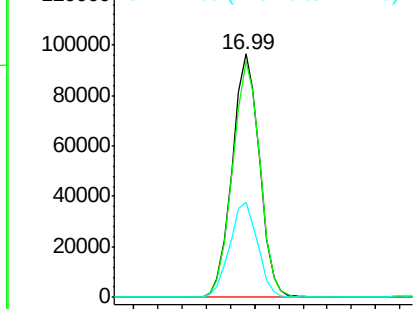
330 100

332 97.0 77.0 115.6

141 39.9 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: 41.524 ng

RT: 13.97 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

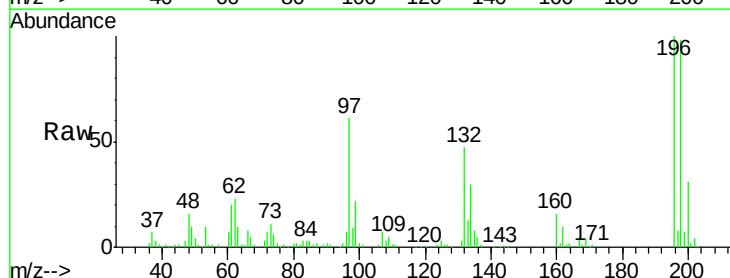
Tgt Ion:196 Resp: 114094

Ion Ratio Lower Upper

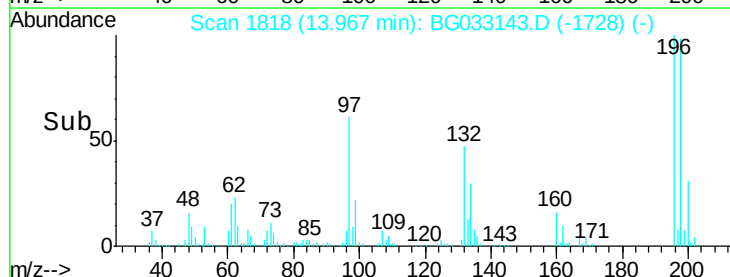
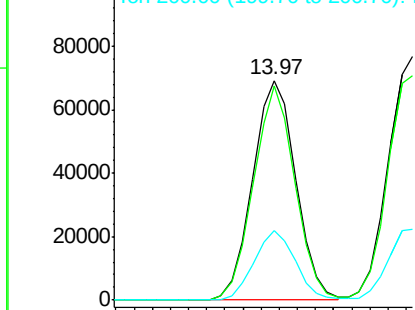
196 100

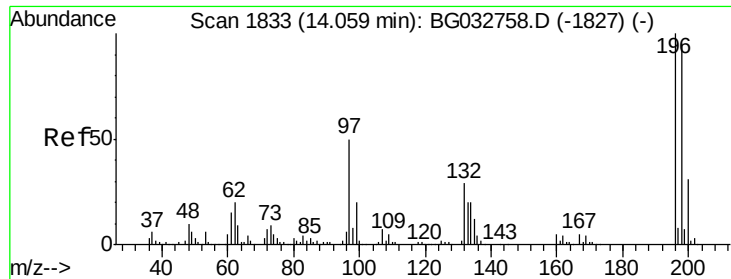
198 97.7 78.2 117.2

200 31.5 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

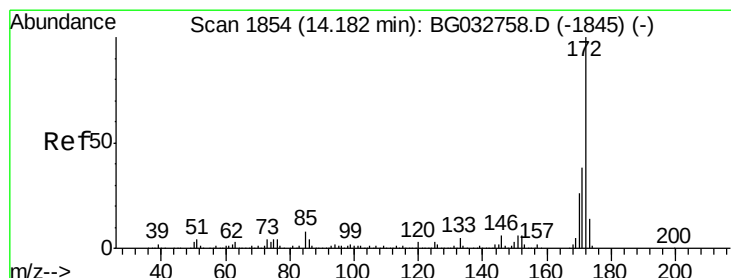
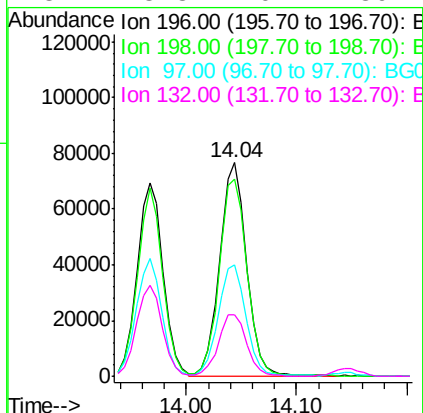
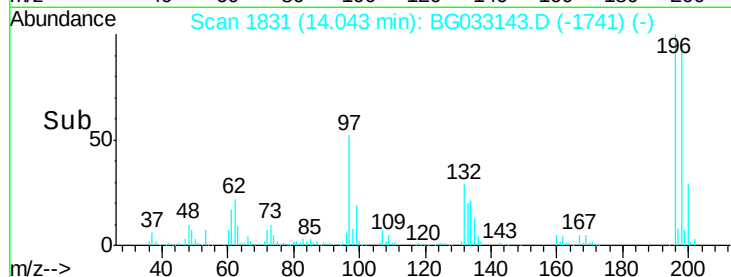
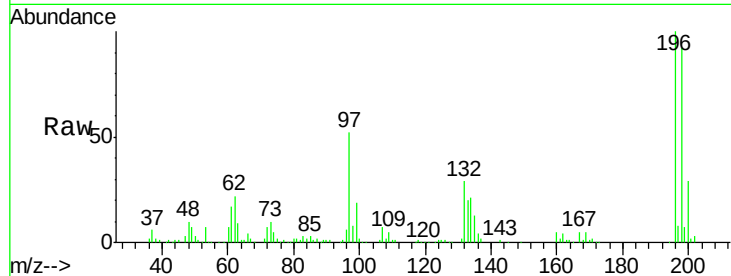




#43
 2,4,5-Trichlorophenol
 Concen: 40.741 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

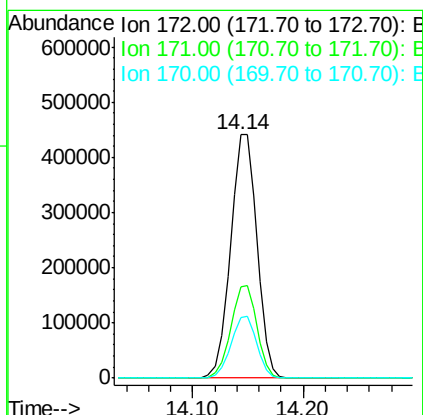
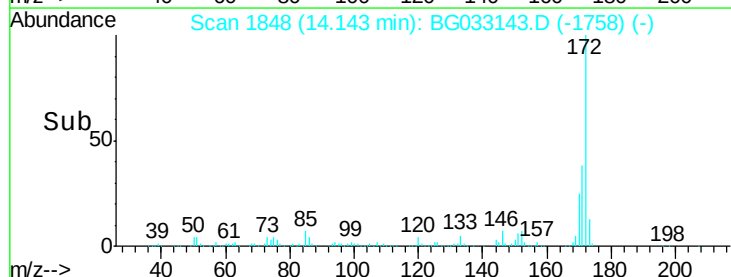
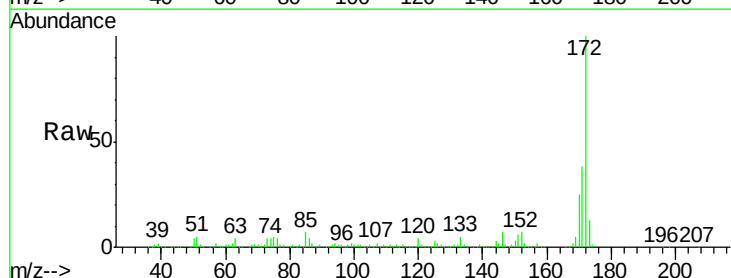
Instrument :
 BNA_G
 ClientSampled :

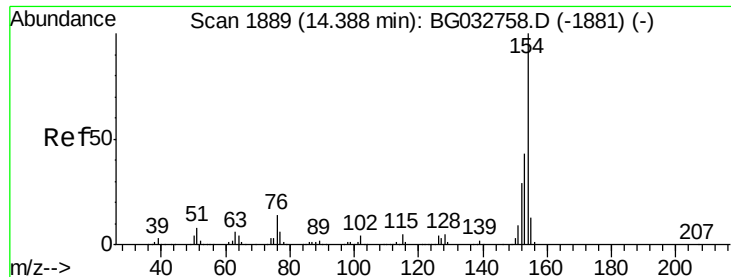
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.2	114.4
97	52.4	38.7	58.1
132	28.8	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 72.630 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.8	19.5	29.3

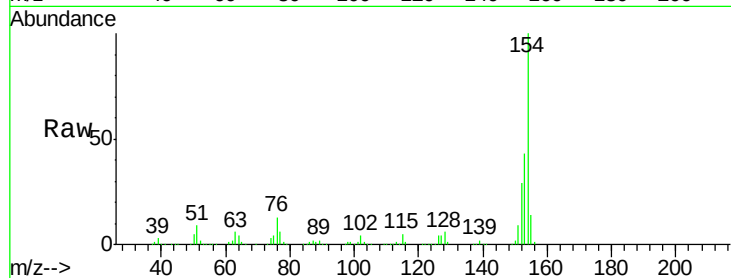




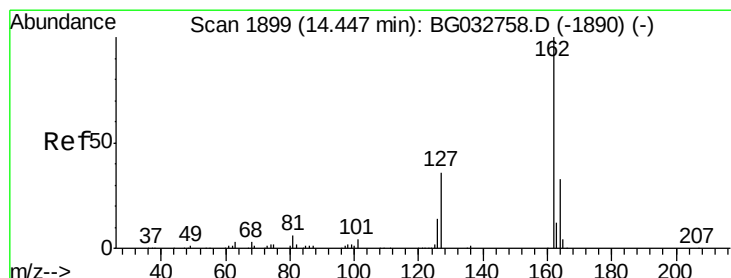
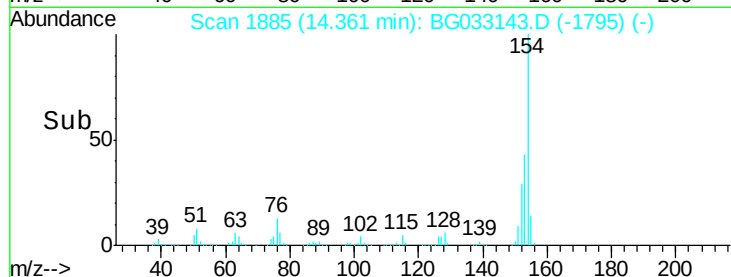
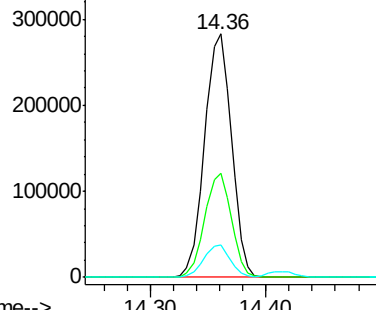
#45
 1,1'-Biphenyl
 Concen: 35.554 ng
 RT: 14.36 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	19.8	59.8
76	13.1	0.0	31.9

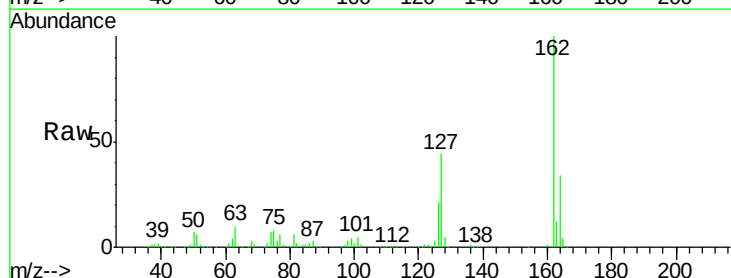


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

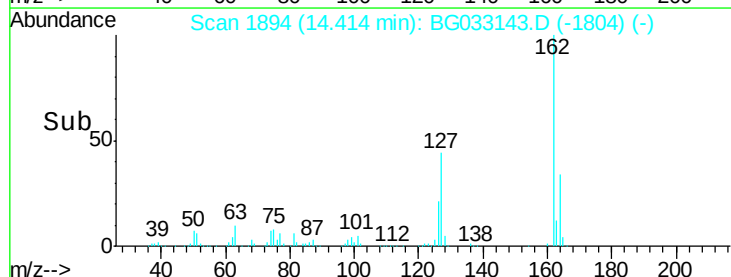
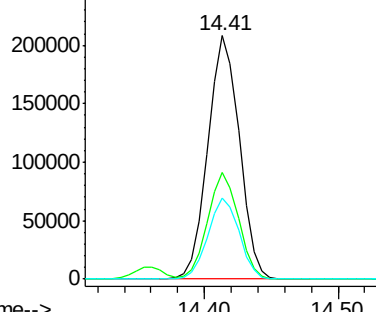


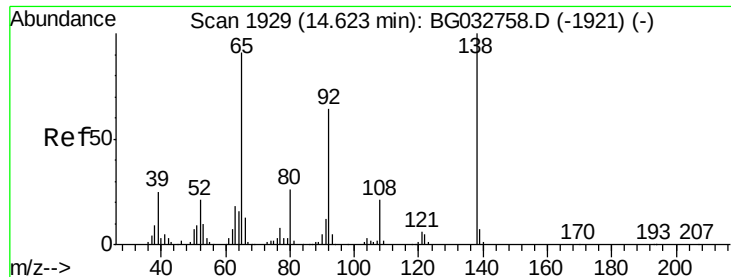
#46
 2-Chloronaphthalene
 Concen: 35.449 ng
 RT: 14.41 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	30.7	46.1
164	33.5	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.466 ng

RT: 14.60 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampled :

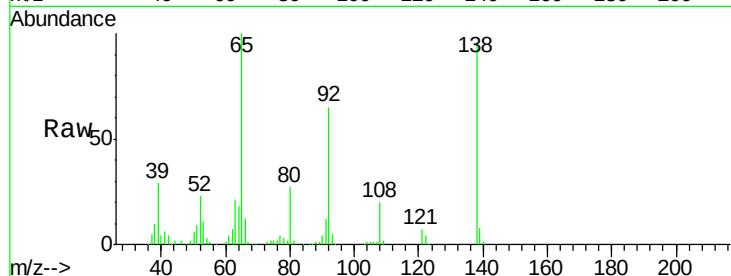
Tot Ion: 65 Resp: 126509

Ion Ratio Lower Upper

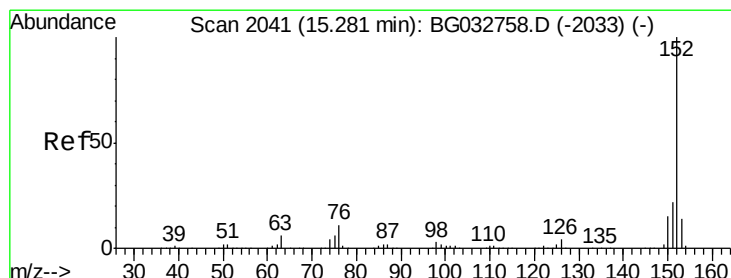
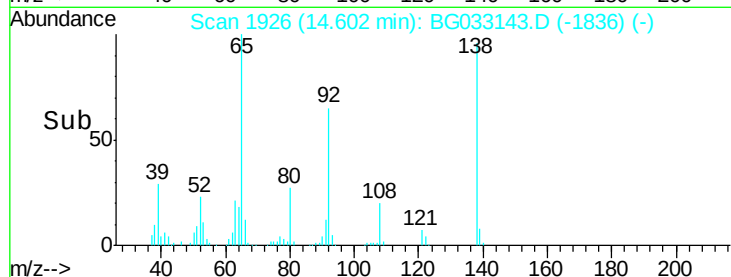
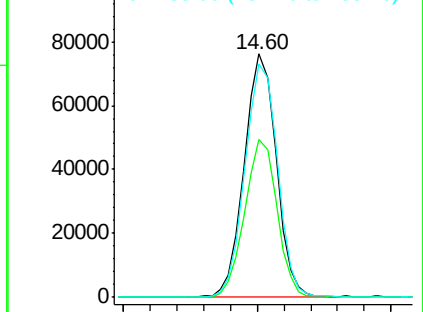
65 100

92 64.9 54.6 82.0

138 95.7 72.9 109.3



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



#48

Acenaphthylene

Concen: 36.591 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

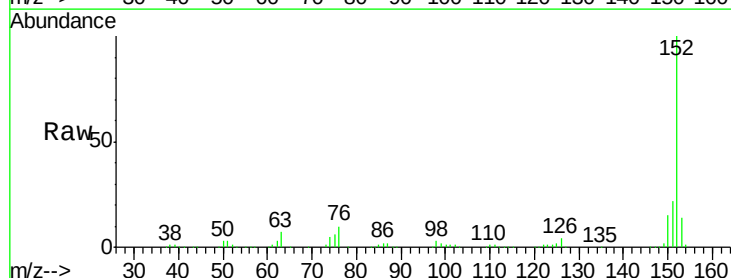
Tgt Ion: 152 Resp: 573945

Ion Ratio Lower Upper

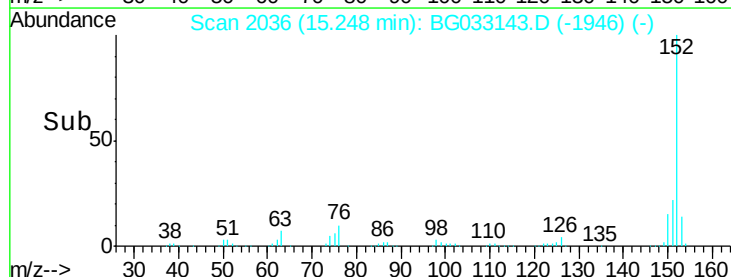
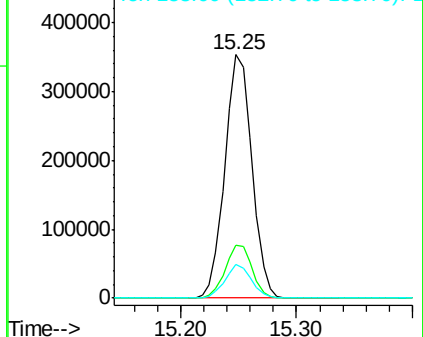
152 100

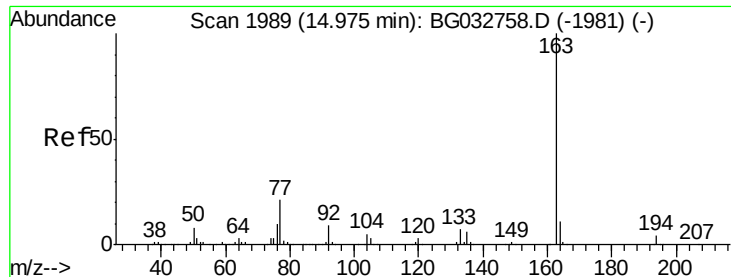
151 21.8 17.2 25.8

153 14.1 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: 36.920 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033143.D

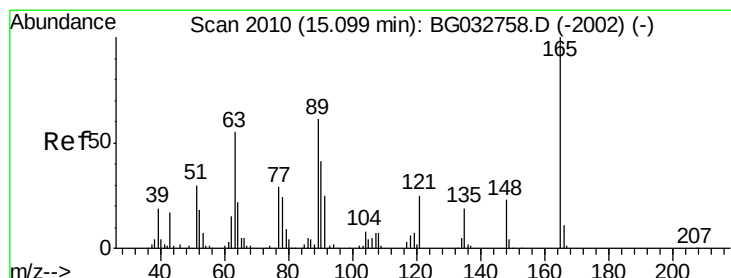
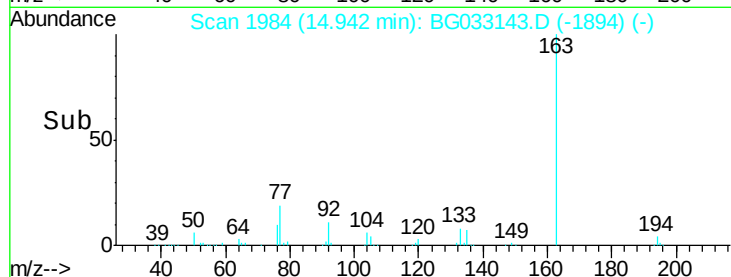
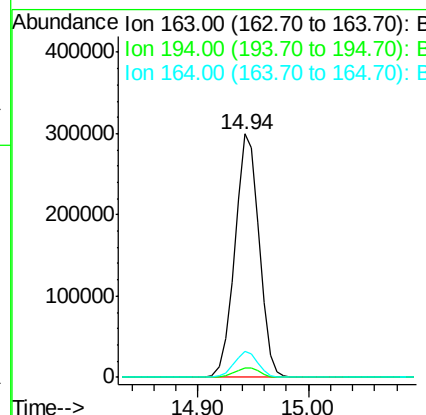
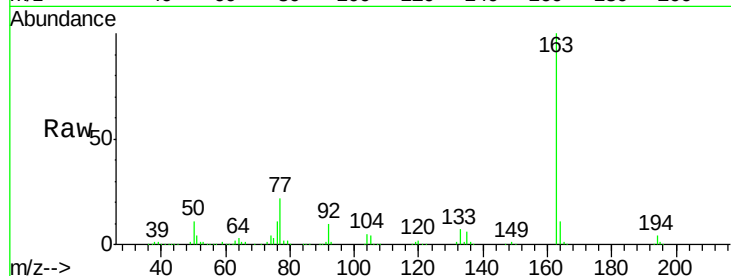
Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	460109
Ion	Ratio	Lower Upper
163	100	
194	4.1	3.4 5.2
164	10.8	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 47.361 ng

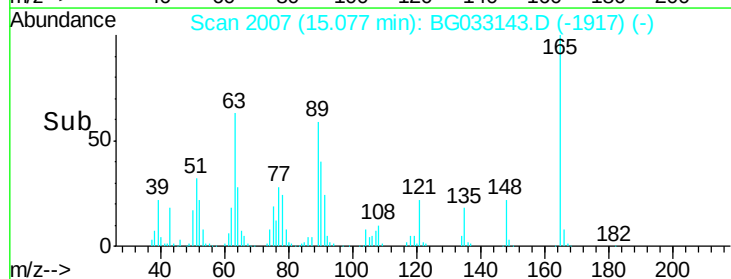
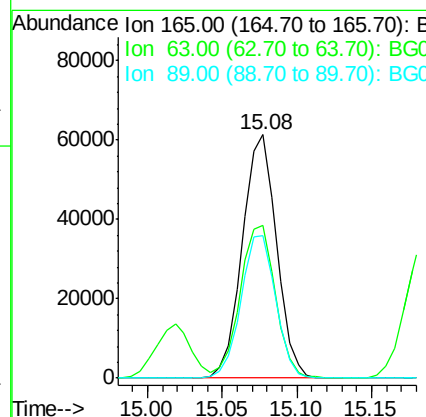
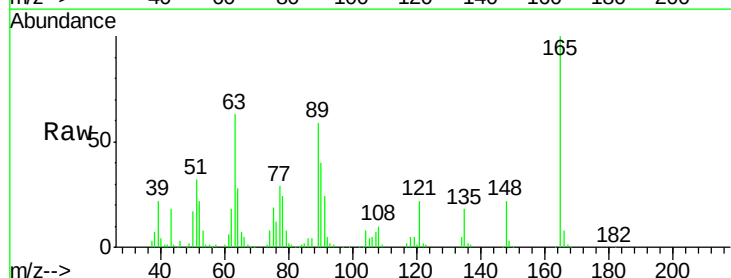
RT: 15.08 min Scan# 2007

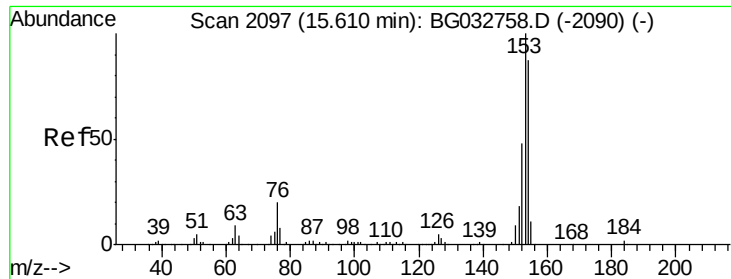
Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Tgt Ion:165	Resp:	97391
Ion	Ratio	Lower Upper
165	100	
63	62.6	52.7 79.1
89	58.8	49.2 73.8





#51

Acenaphthene

Concen: 37.146 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

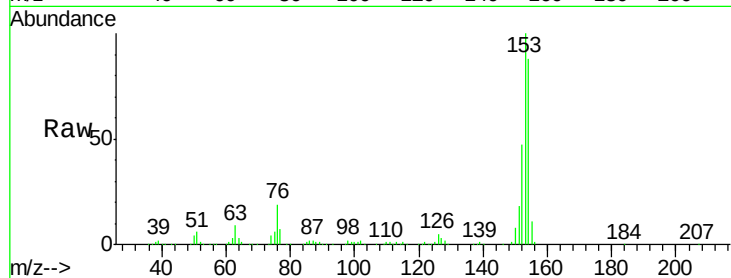
Tot Ion:154 Resp: 362870

Ion Ratio Lower Upper

154 100

153 113.5 90.4 135.6

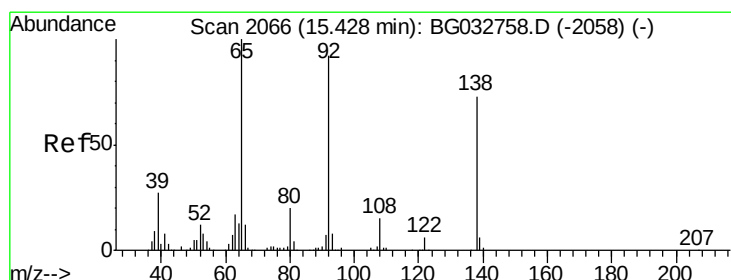
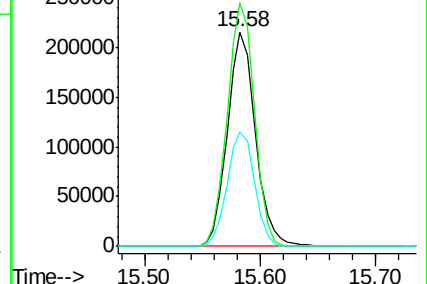
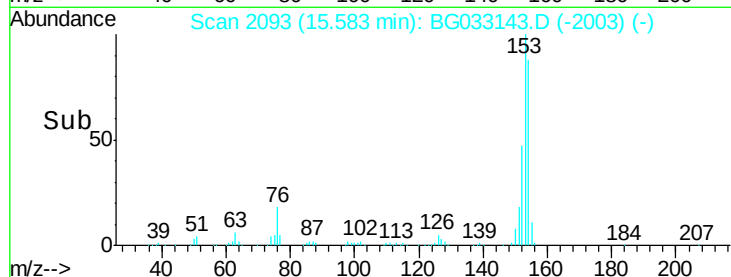
152 53.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.028 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

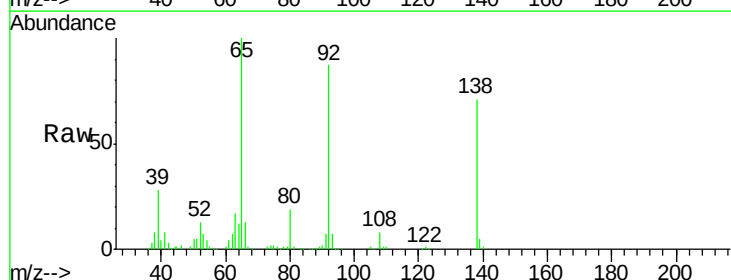
Tgt Ion:138 Resp: 113490

Ion Ratio Lower Upper

138 100

108 11.7 17.5 26.3#

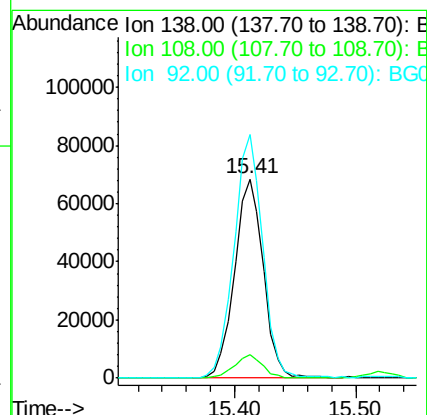
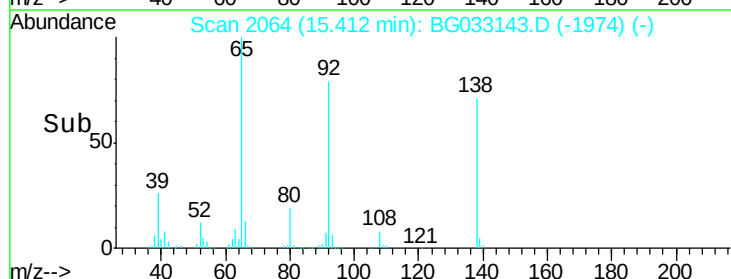
92 122.2 105.8 158.8

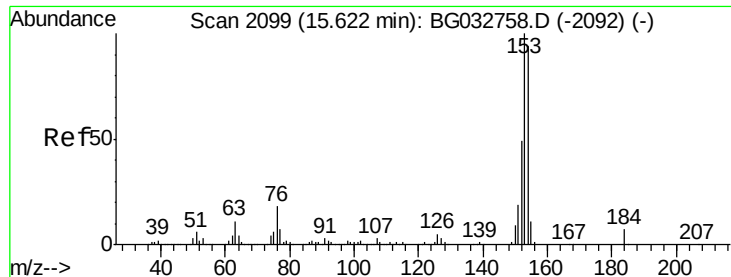


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

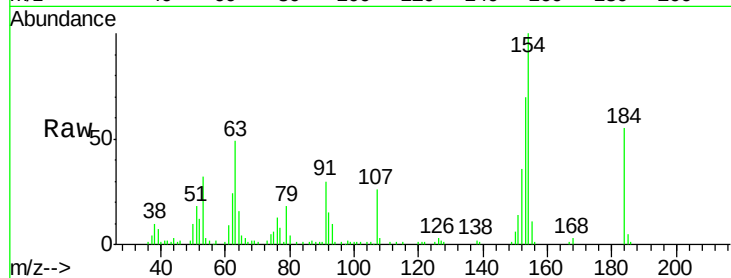




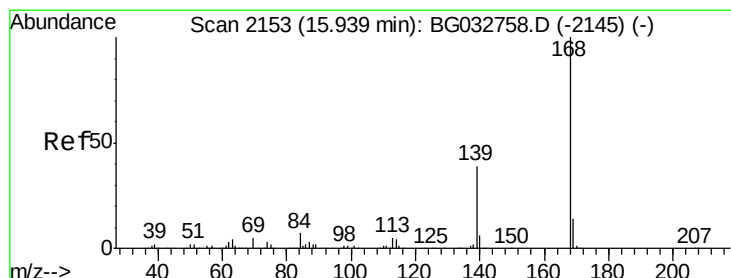
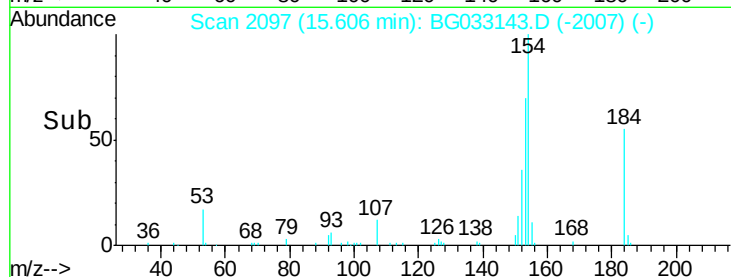
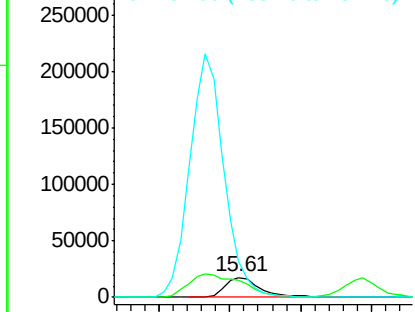
#53
2,4-Dinitrophenol
Concen: 54.522 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 30942
Ion Ratio Lower Upper
184 100
63 89.3 59.8 89.8
154 182.1 101.8 152.8#

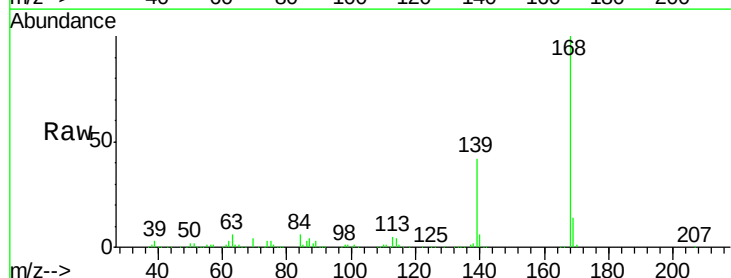


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

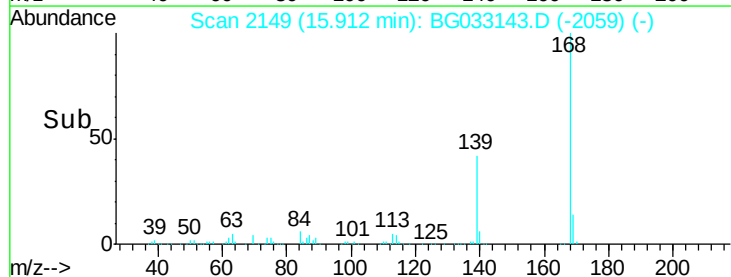
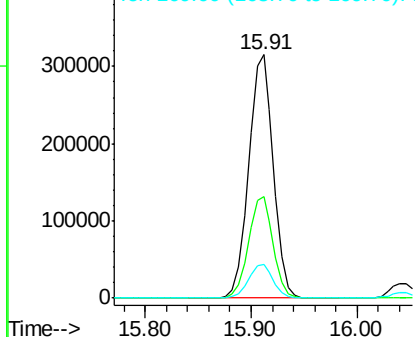


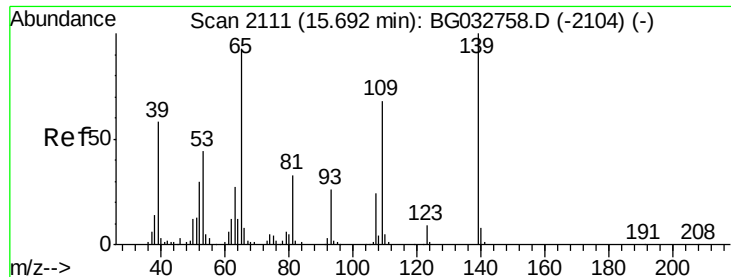
#54
Dibenzofuran
Concen: 36.495 ng
RT: 15.91 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:168 Resp: 507625
Ion Ratio Lower Upper
168 100
139 41.7 28.6 43.0
169 13.9 11.2 16.8



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

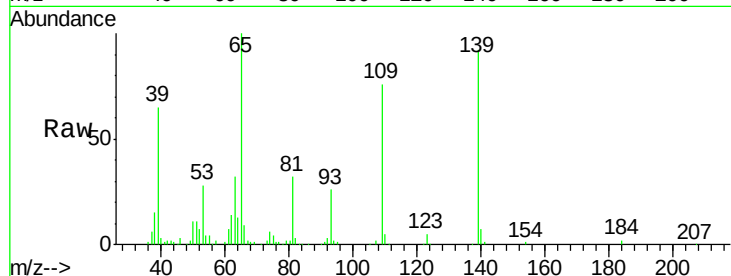




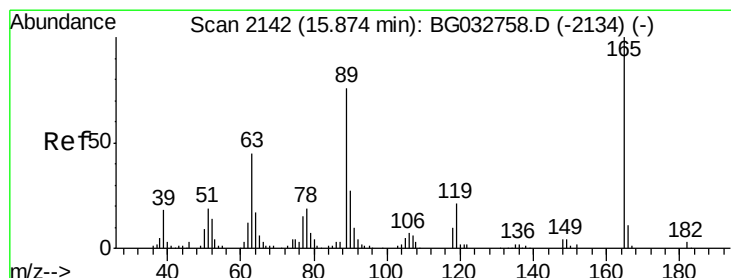
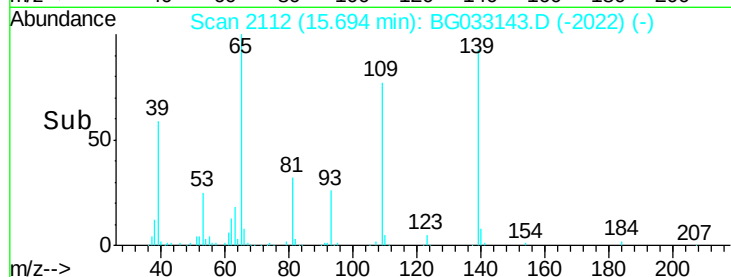
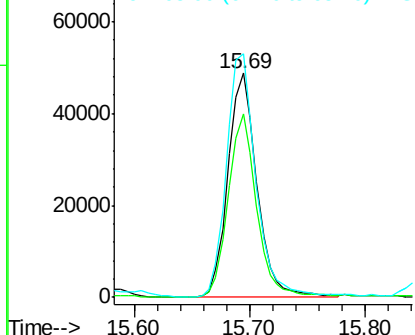
#55
4-Nitrophenol
Concen: 45.138 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 85209
Ion Ratio Lower Upper
139 100
109 82.1 62.2 102.2
65 108.7 97.2 137.2

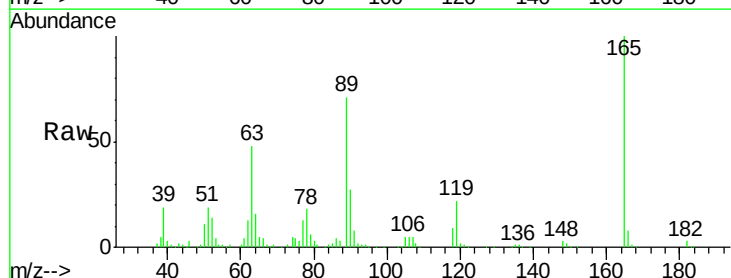


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

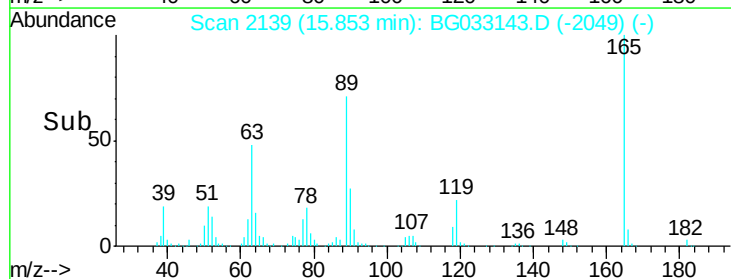
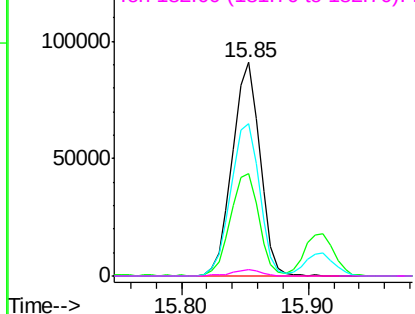


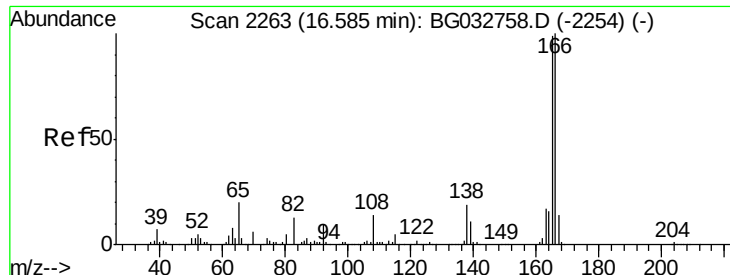
#56
2,4-Dinitrotoluene
Concen: 54.849 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:165 Resp: 137265
Ion Ratio Lower Upper
165 100
63 47.8 42.0 63.0
89 71.4 66.9 100.3
182 3.2 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: 36.879 ng

RT: 16.55 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

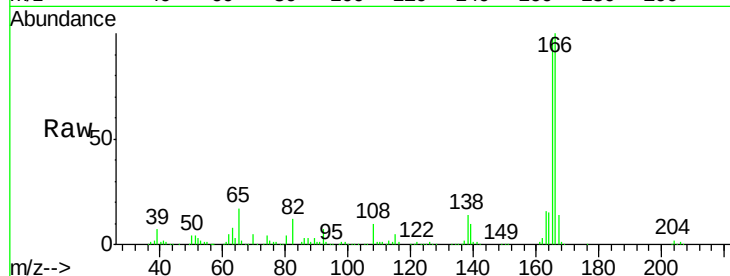
Tot Ion:166 Resp: 423392

Ion Ratio Lower Upper

166 100

165 98.4 80.6 121.0

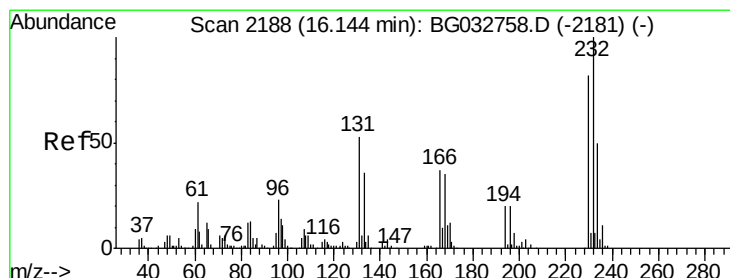
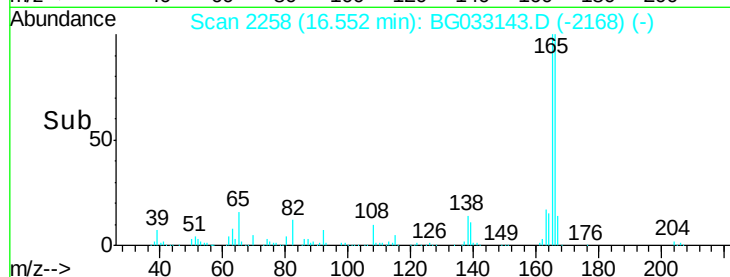
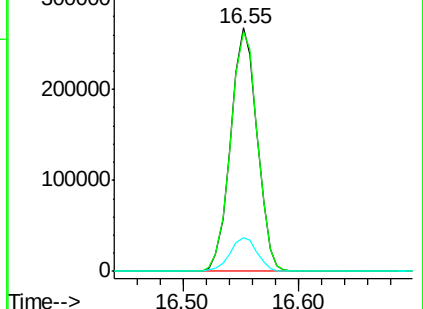
167 14.0 10.4 15.6



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: 45.982 ng

RT: 16.12 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Tgt Ion:232 Resp: 113530

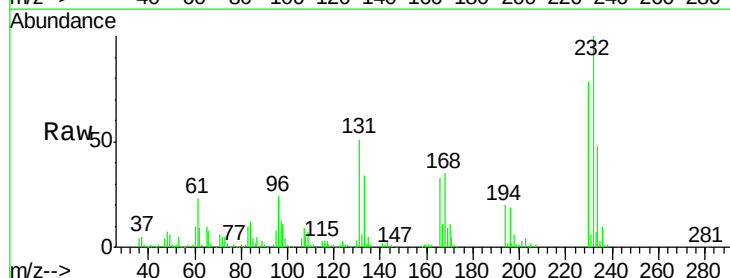
Ion Ratio Lower Upper

232 100

131 50.2 33.5 50.3

130 2.9 2.2 3.2

166 33.3 24.8 37.2

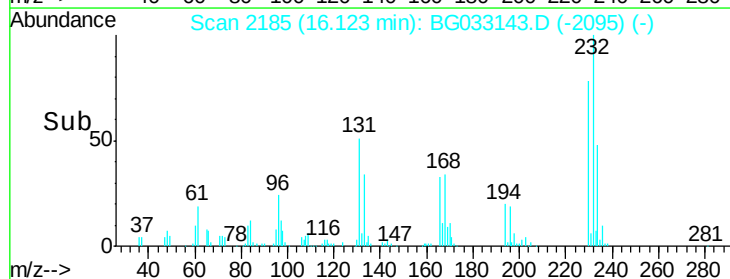
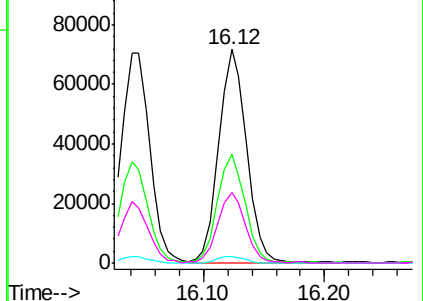


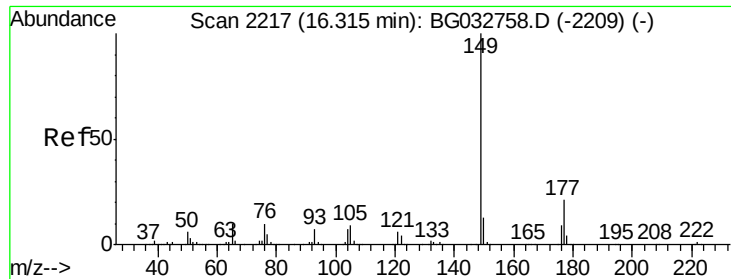
Abundance Ion 232.00 (231.70 to 232.70): E

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

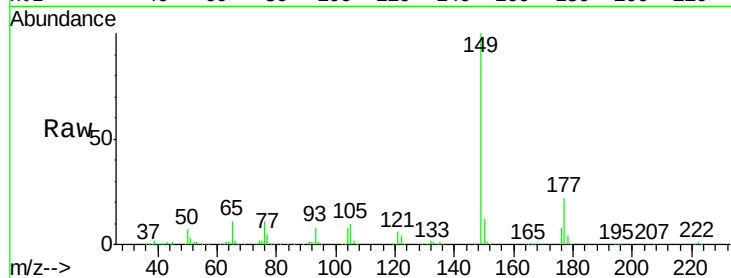




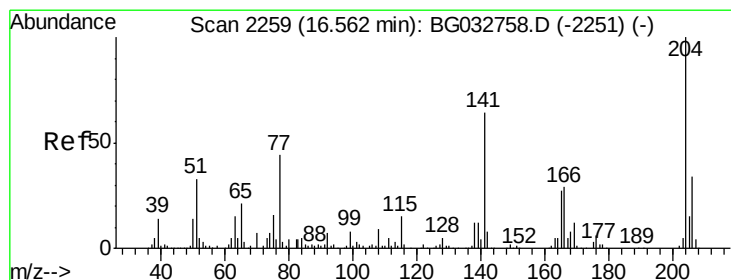
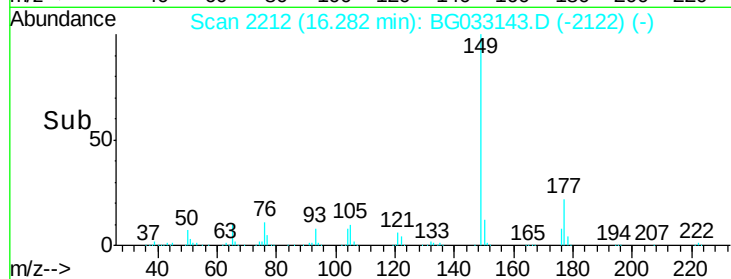
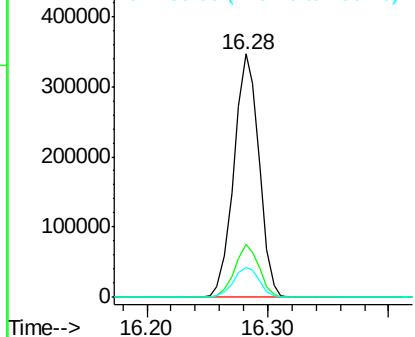
#59
Diethylphthalate
Concen: 38.199 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 502110
Ion Ratio Lower Upper
149 100
177 21.6 18.5 27.7
150 12.4 10.2 15.2

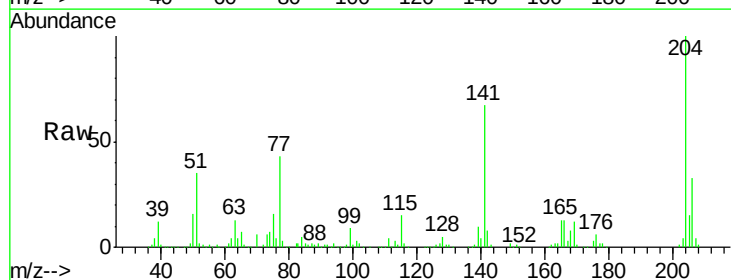


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

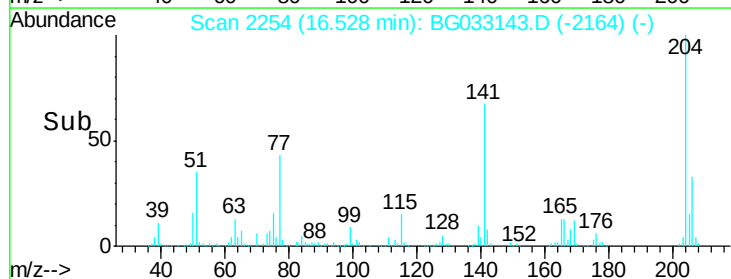
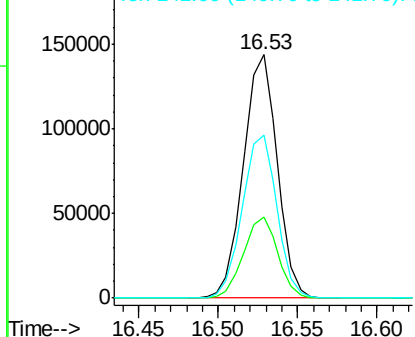


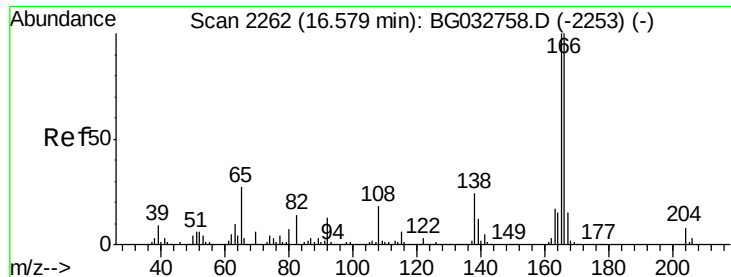
#60
4-Chlorophenyl-phenylether
Concen: 38.026 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:204 Resp: 213561
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 66.8 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

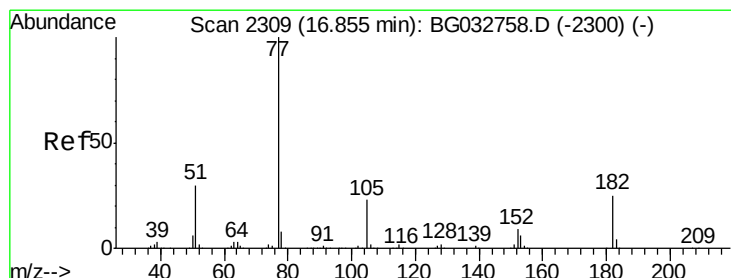
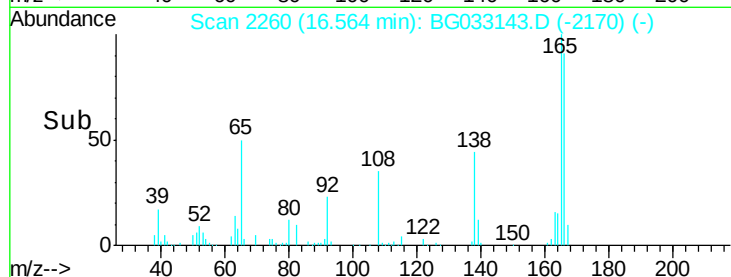
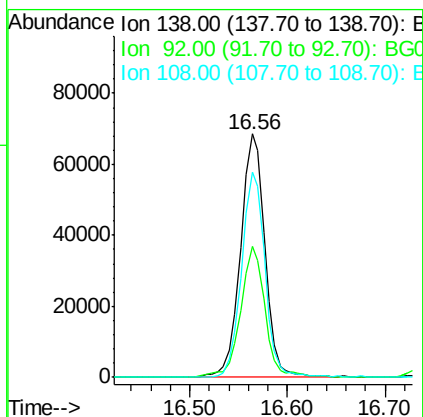
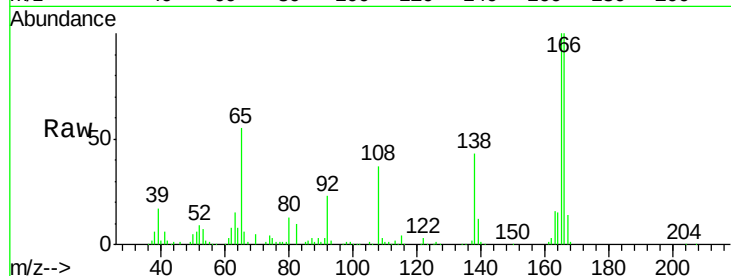




#61
4-Nitroaniline
Concen: 44.690 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

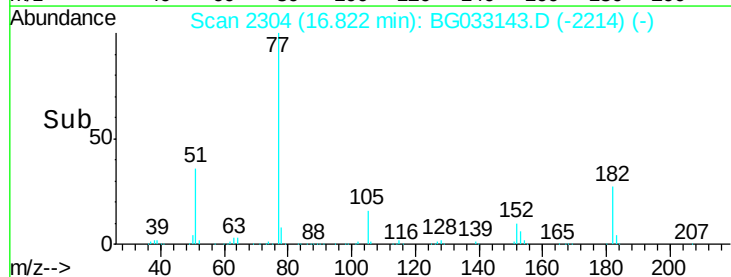
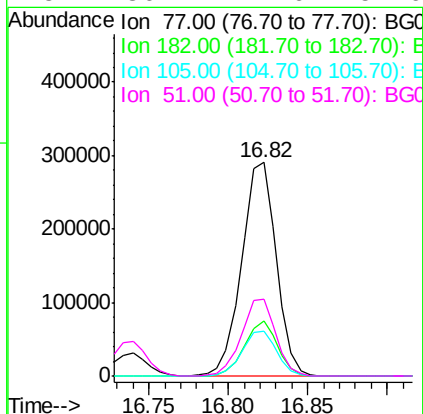
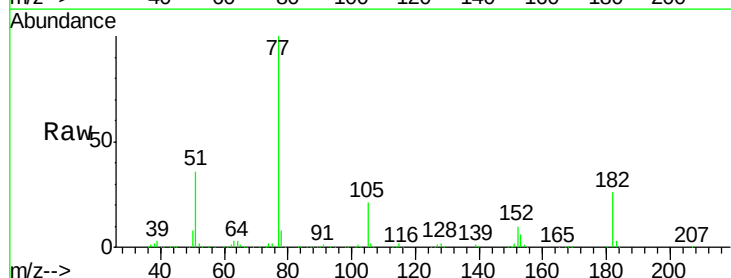
Instrument :
BNA_G
ClientSampleId :

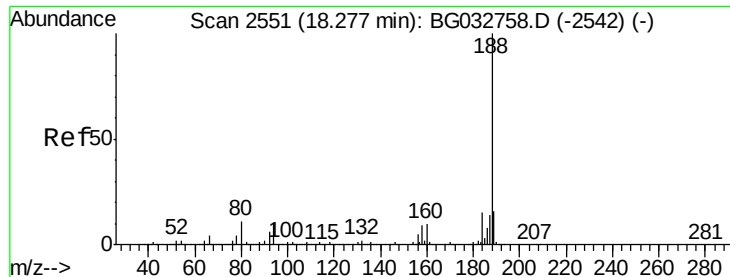
Tot Ion:138 Resp: 119460
Ion Ratio Lower Upper
138 100
92 53.6 40.1 80.1
108 84.2 65.4 105.4



#62
Azobenzene
Concen: 37.180 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion: 77 Resp: 437212
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 21.3 0.3 40.3
51 36.2 11.6 51.6

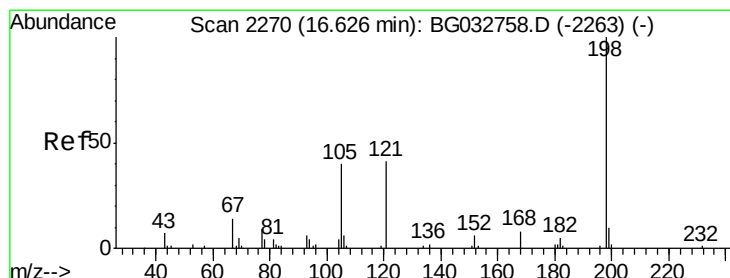
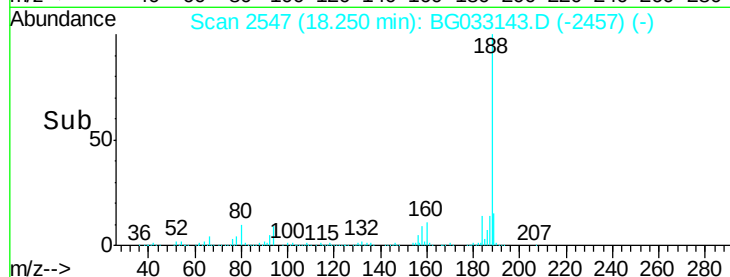
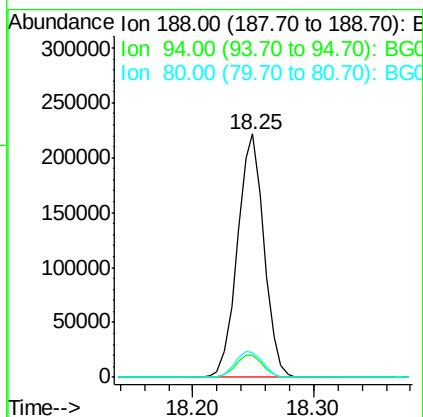
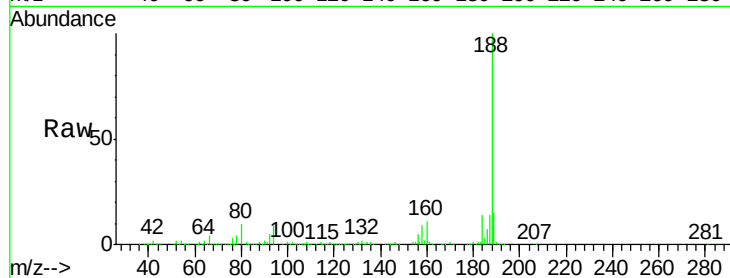




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

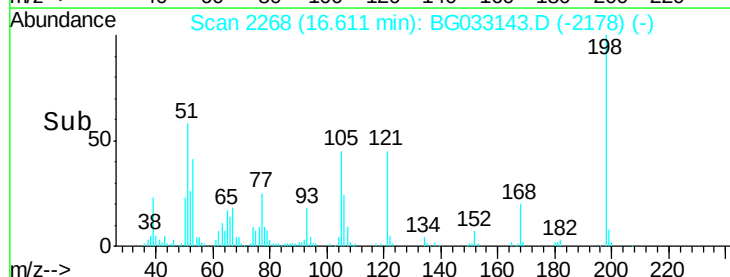
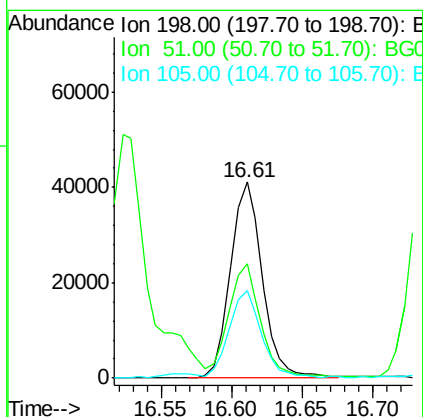
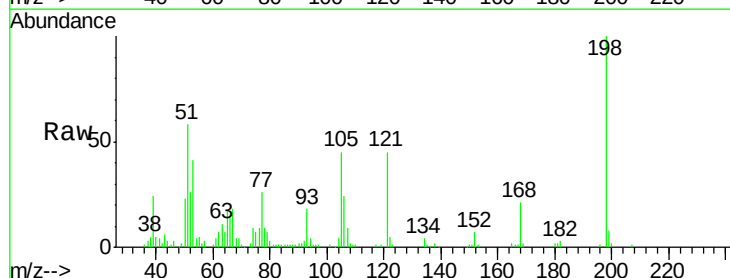
Instrument :
BNA_G
ClientSampleId :

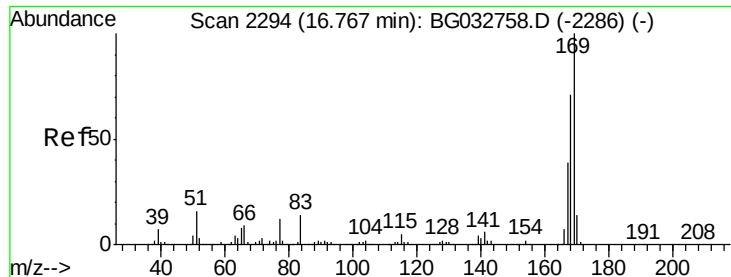
Tot Ion:188 Resp: 338958
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.3 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 59.812 ng
RT: 16.61 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:198 Resp: 64936
Ion Ratio Lower Upper
198 100
51 58.4 30.6 70.6
105 44.8 23.8 63.8

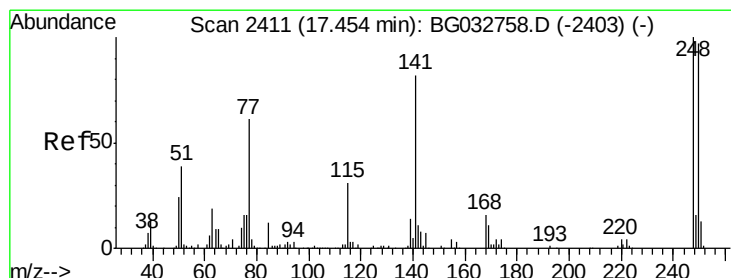
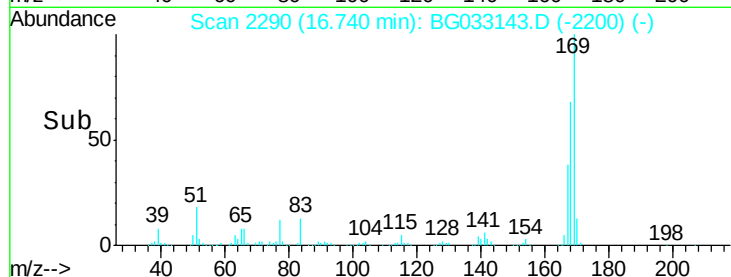
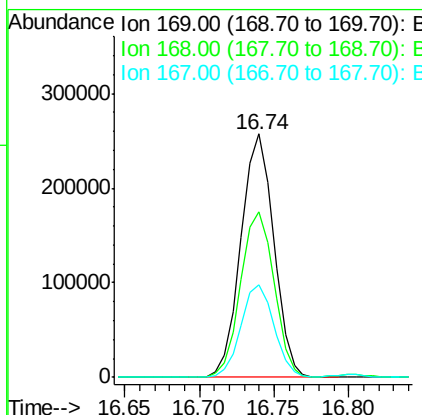
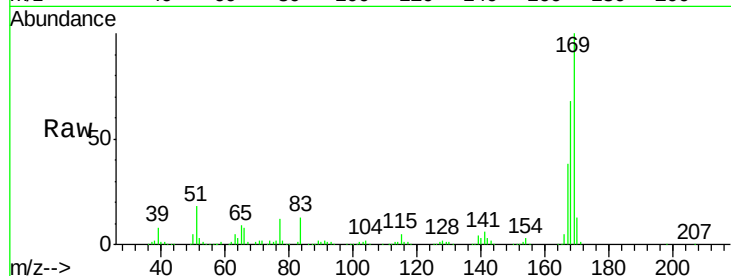




#65
 n-Nitrosodiphenylamine
 Concen: 35.659 ng
 RT: 16.74 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

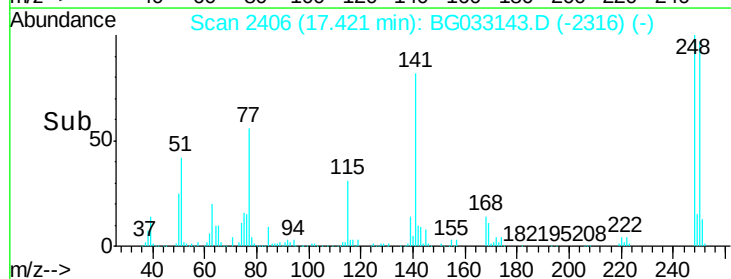
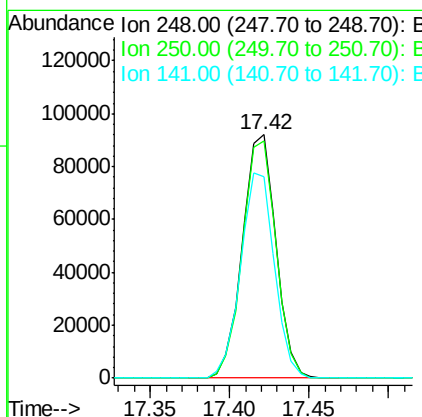
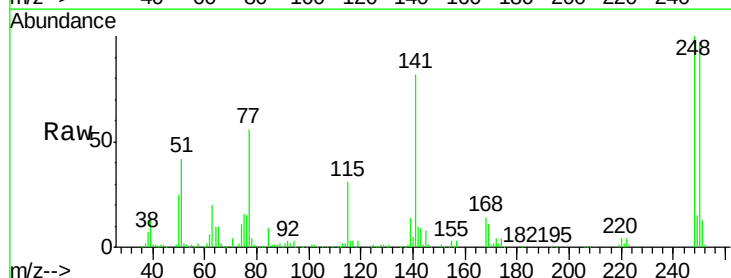
Instrument :
 BNA_G
 ClientSampleId :

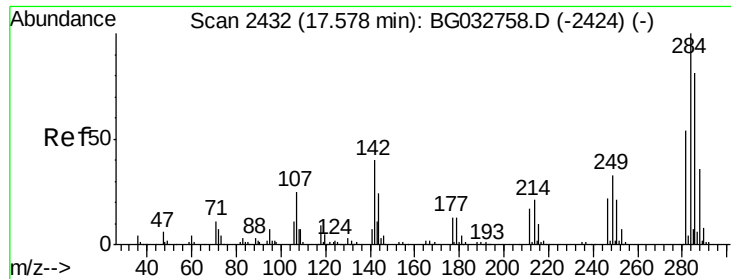
Tot Ion:169 Resp: 393199
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.7 83.5
 167 38.1 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.688 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion:248 Resp: 135079
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 82.5 50.8 76.2#

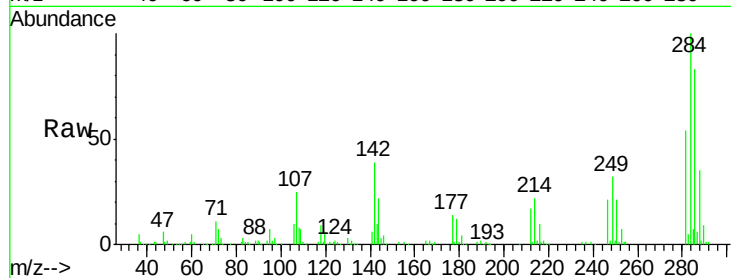




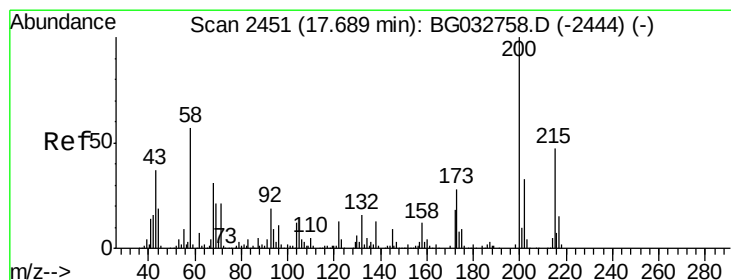
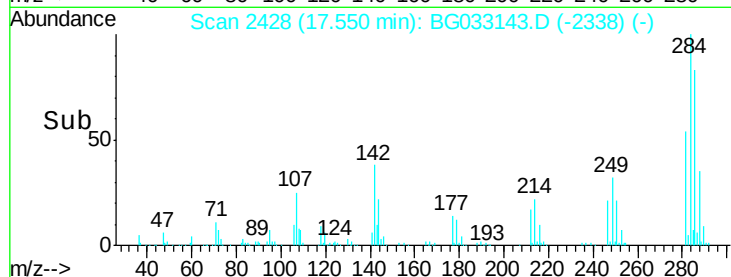
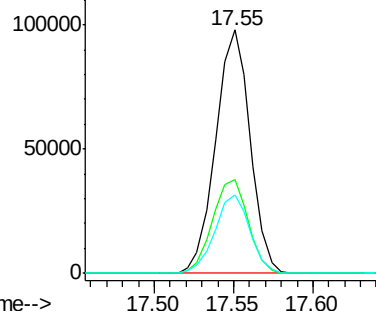
#67
Hexachlorobenzene
Concen: 38.091 ng
RT: 17.55 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 147536
Ion Ratio Lower Upper
284 100
142 38.6 26.8 40.2
249 32.2 26.3 39.5

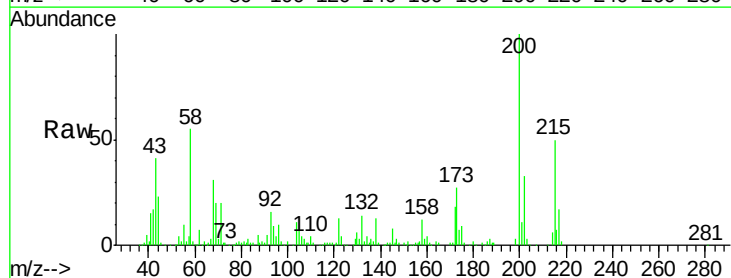


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

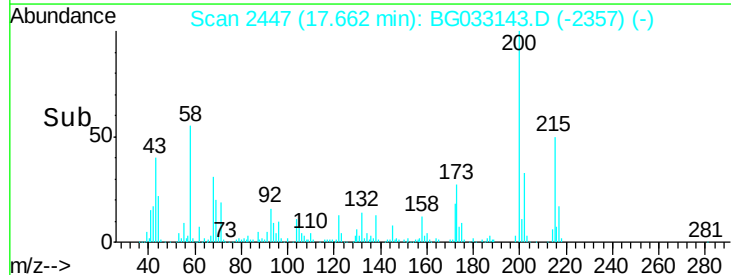
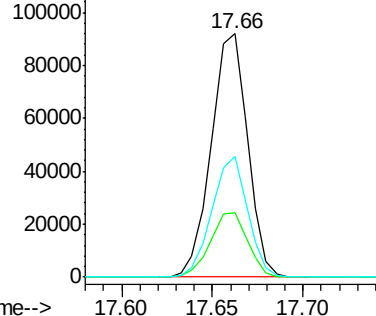


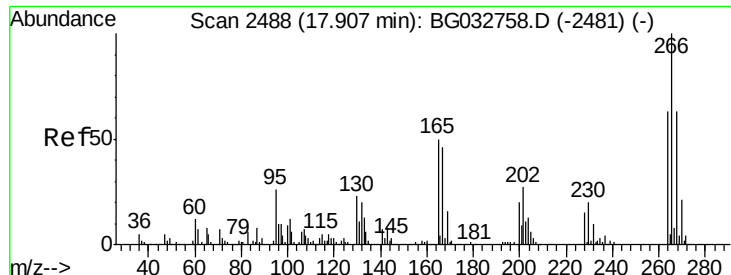
#68
Atrazine
Concen: 35.505 ng
RT: 17.66 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:200 Resp: 128870
Ion Ratio Lower Upper
200 100
173 26.6 5.2 45.2
215 49.8 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: 39.064 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

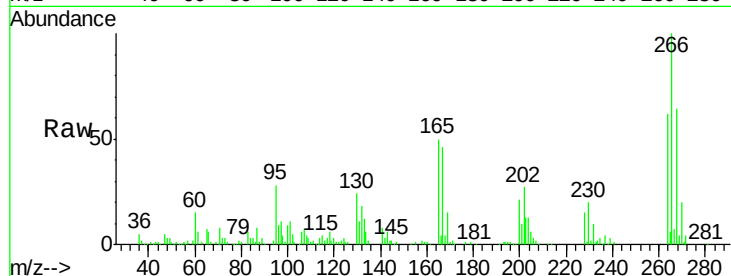
Tot Ion:266 Resp: 95302

Ion Ratio Lower Upper

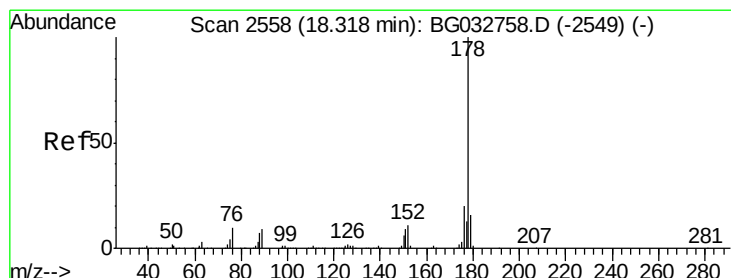
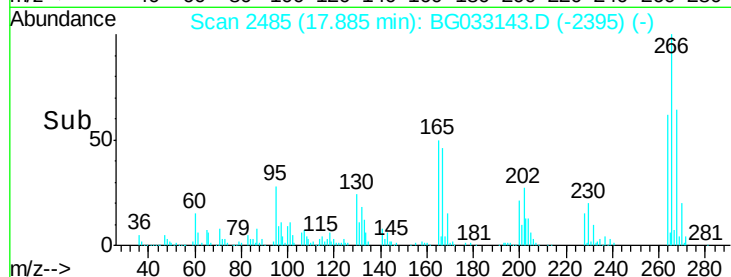
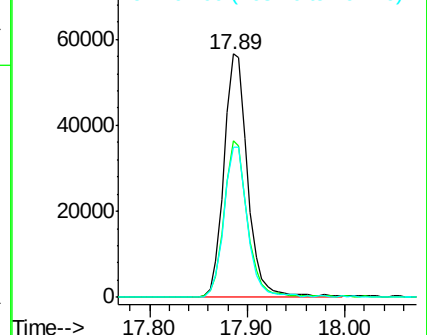
266 100

268 64.2 51.1 76.7

264 61.6 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: 35.887 ng

RT: 18.29 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

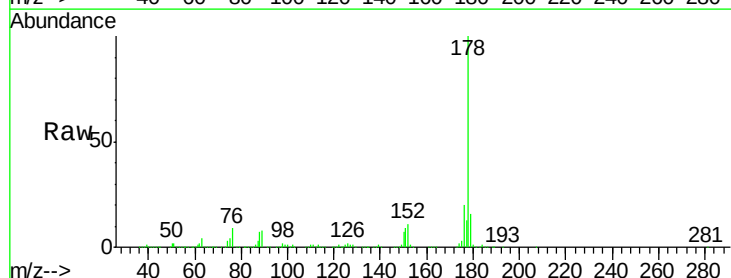
Tgt Ion:178 Resp: 678647

Ion Ratio Lower Upper

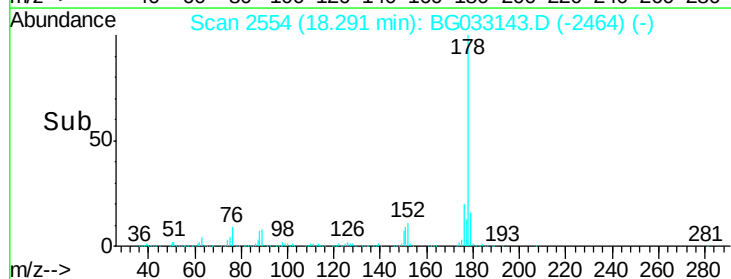
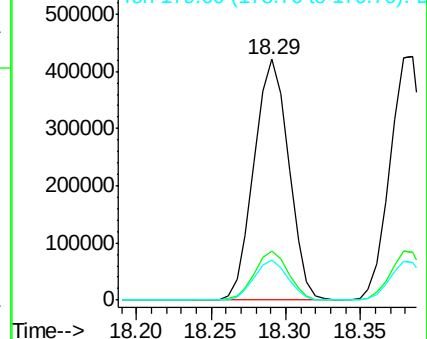
178 100

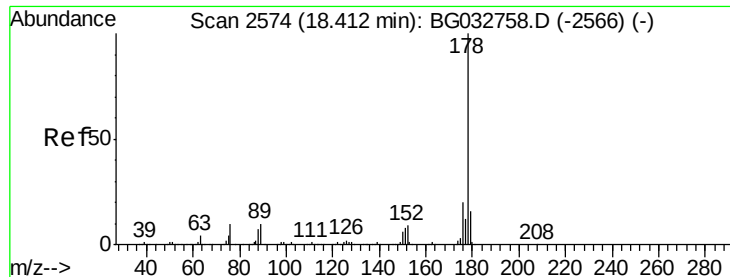
176 20.3 15.7 23.5

179 16.4 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

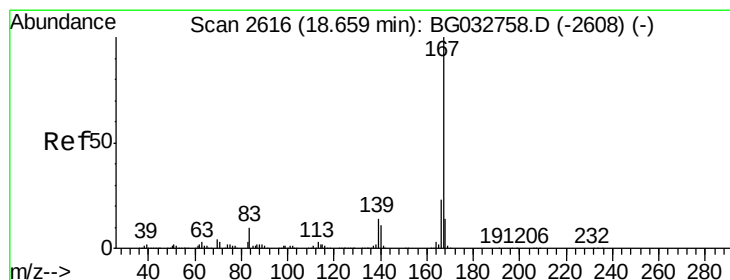
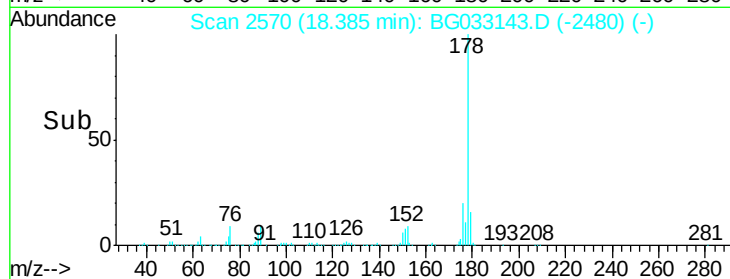
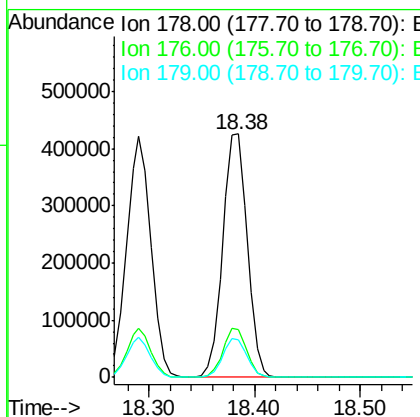
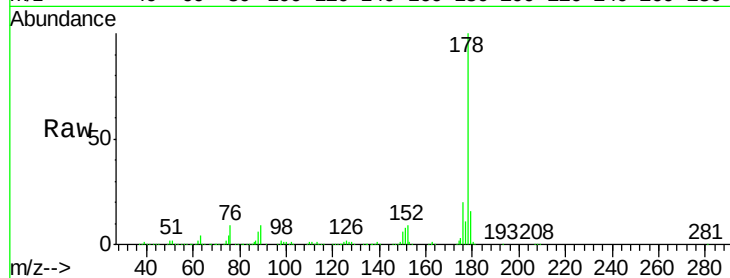




#71
 Anthracene
 Concen: 36.099 ng
 RT: 18.38 min Scan# 2570
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

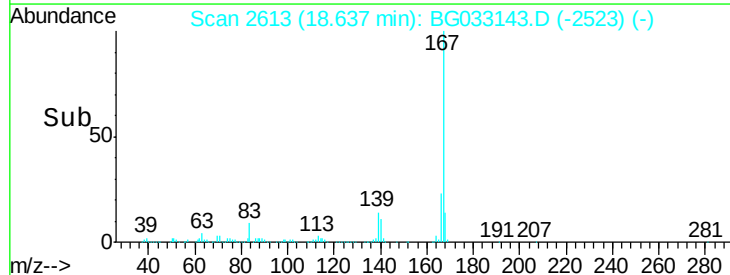
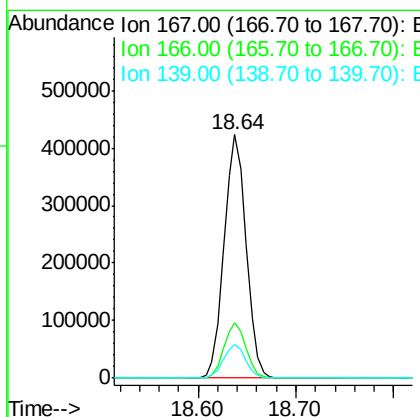
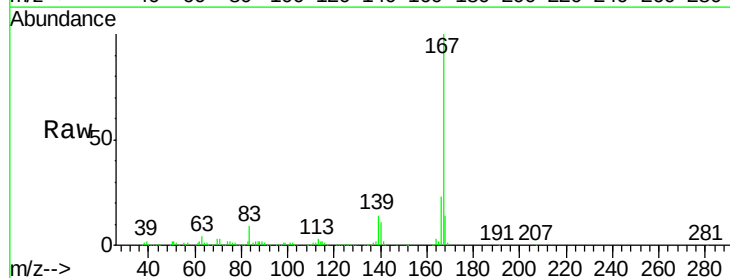
Instrument :
 BNA_G
 ClientSampleId :

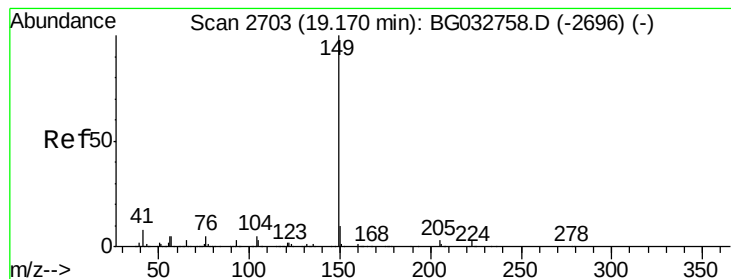
Tot Ion:178 Resp: 685340
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 35.319 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion:167 Resp: 660931
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 14.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 36.165 ng

RT: 19.13 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

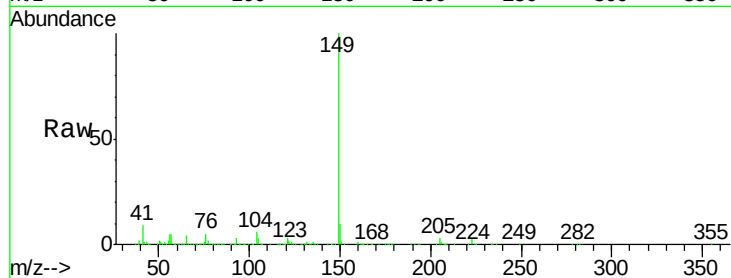
Tot Ion:149 Resp: 830241

Ion Ratio Lower Upper

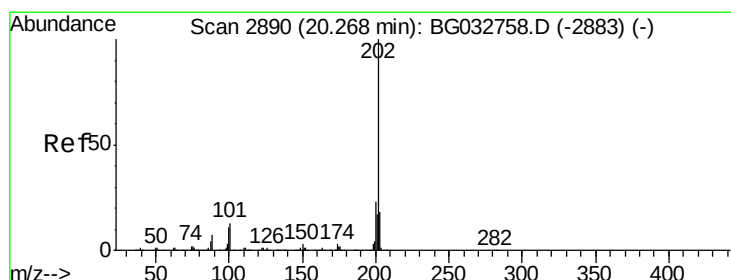
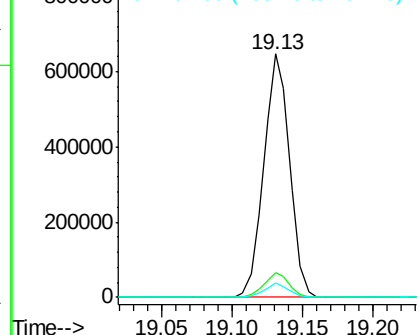
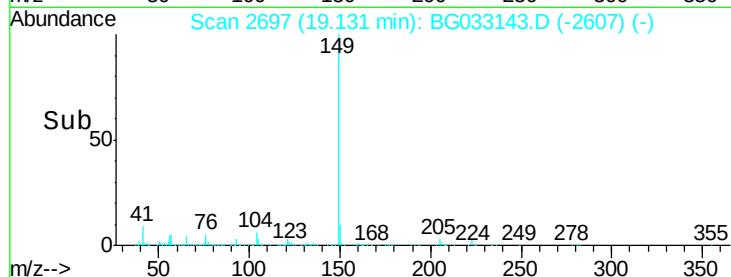
149 100

150 10.1 7.8 11.6

104 5.9 3.9 5.9#



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



#74

Fluoranthene

Concen: 35.286 ng

RT: 20.24 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

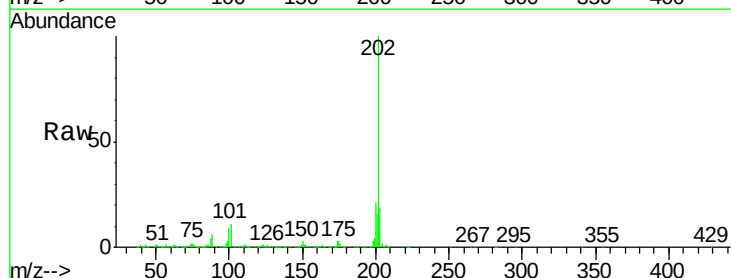
Tgt Ion:202 Resp: 737083

Ion Ratio Lower Upper

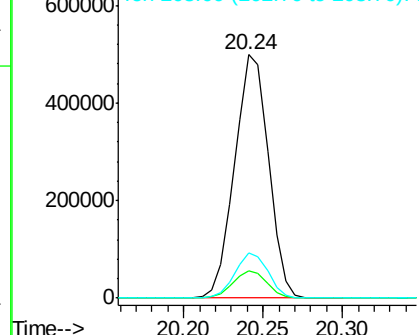
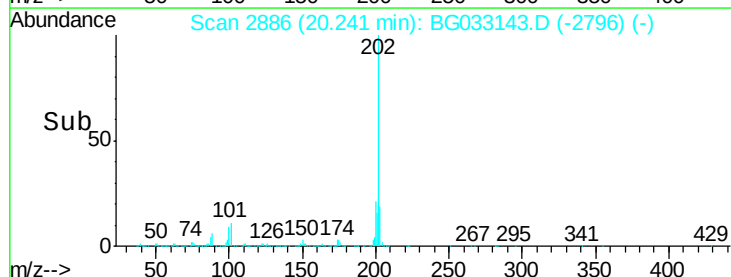
202 100

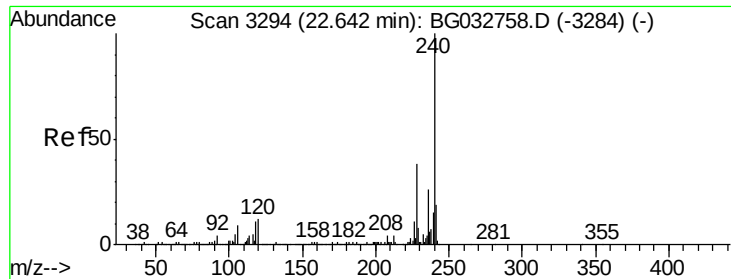
101 11.5 0.0 28.9

203 18.6 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: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

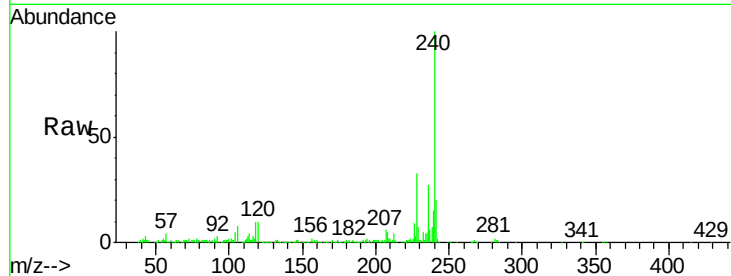
Tot Ion:240 Resp: 295934

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

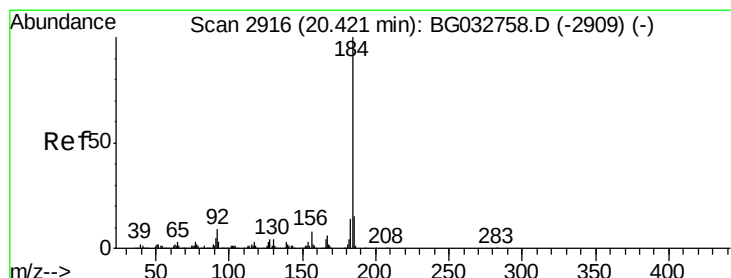
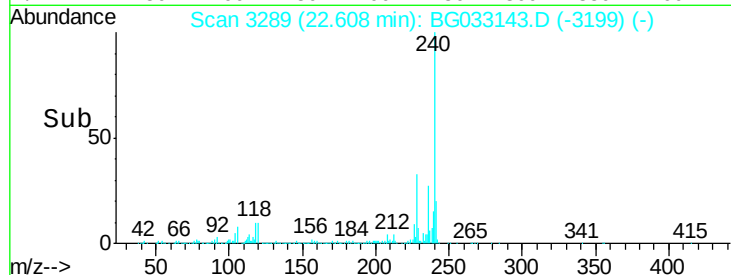
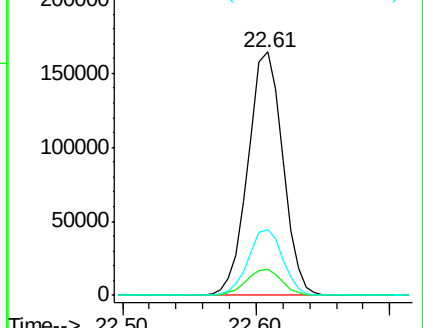
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.920 ng

RT: 20.40 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

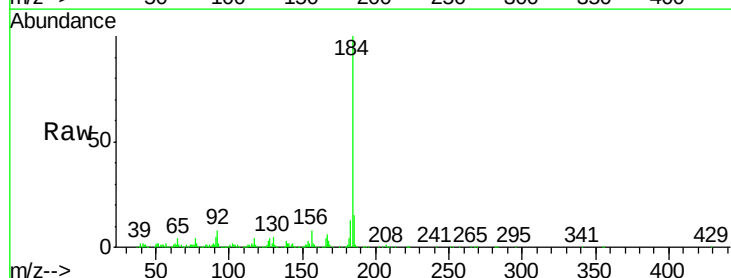
Tgt Ion:184 Resp: 422865

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

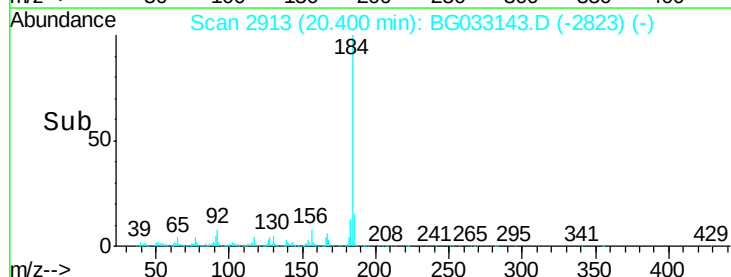
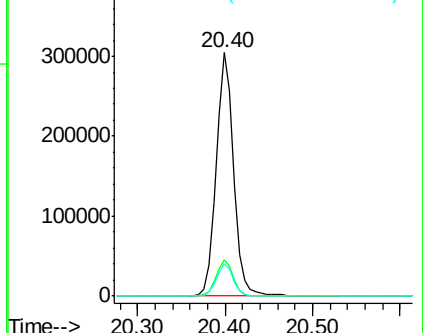
183 13.5 10.6 16.0

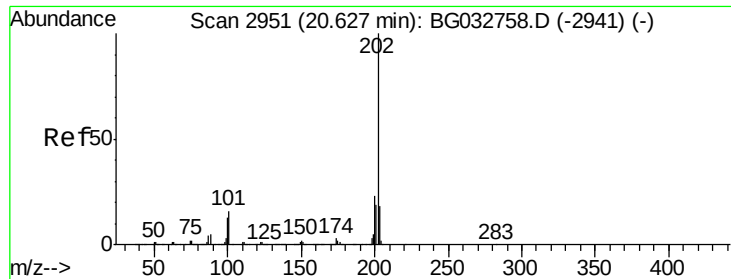


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.293 ng

RT: 20.60 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

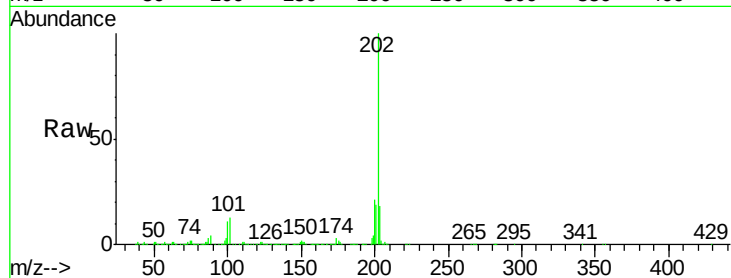
Tot Ion:202 Resp: 757416

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

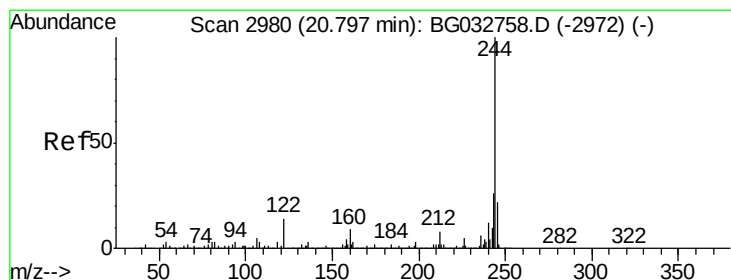
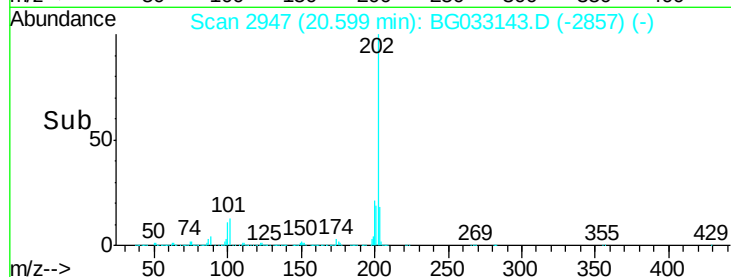
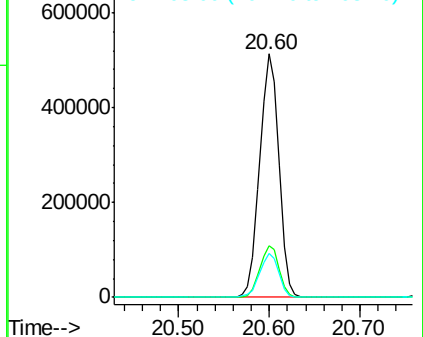
203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.187 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

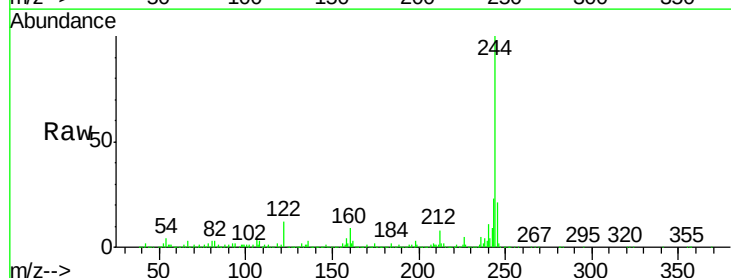
Tgt Ion:244 Resp: 990349

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

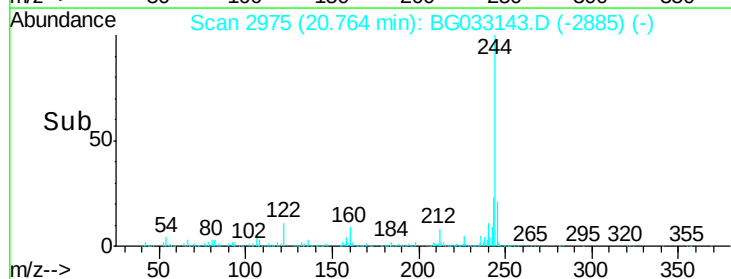
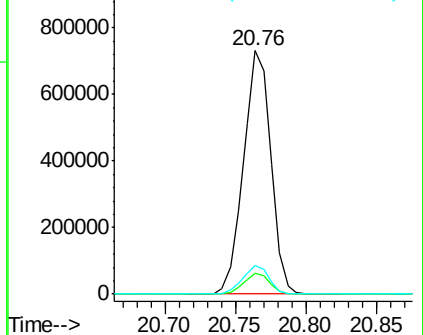
122 11.8 7.0 10.4#

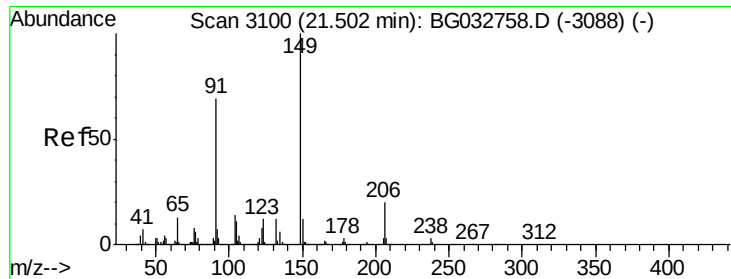


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

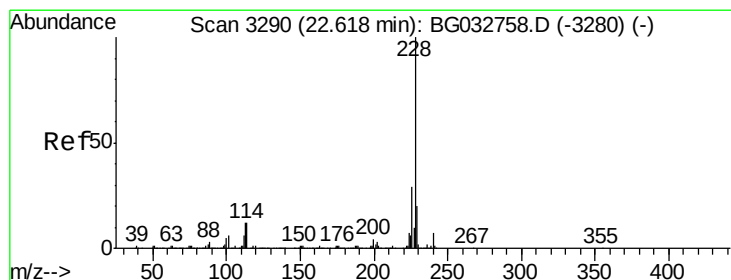
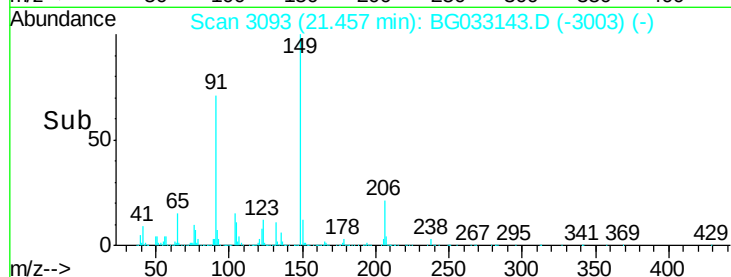
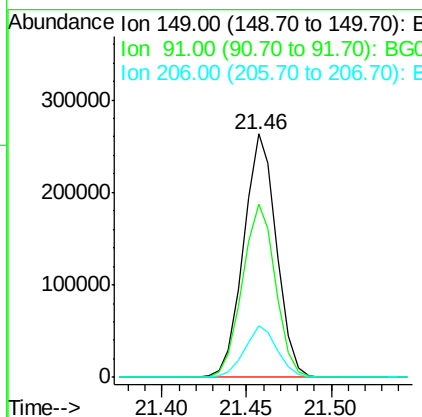
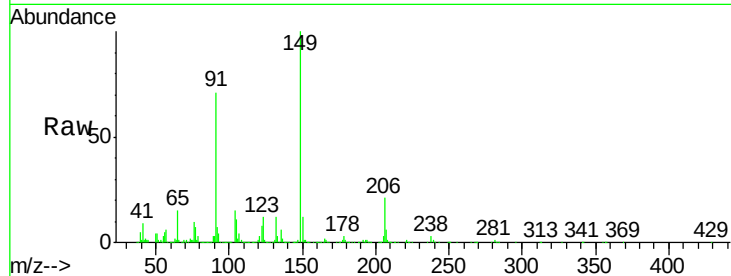




#79
Butylbenzylphthalate
Concen: 38.250 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

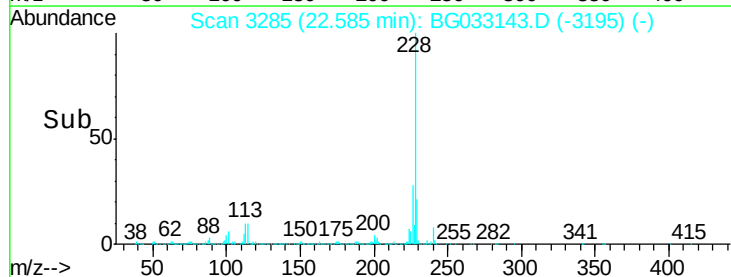
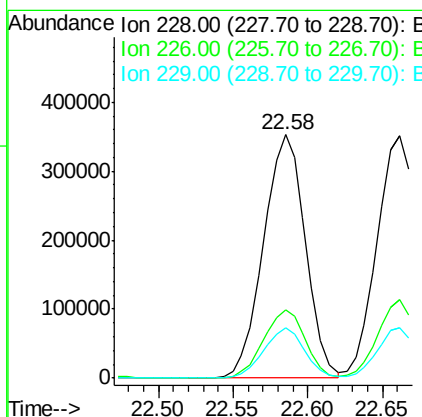
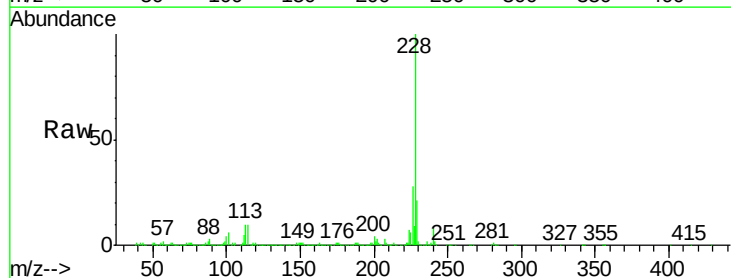
Instrument :
BNA_G
ClientSampleId :

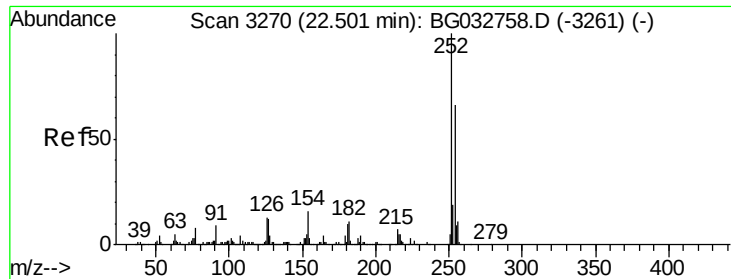
Tot Ion:149 Resp: 353923
Ion Ratio Lower Upper
149 100
91 71.2 62.2 93.2
206 21.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.161 ng
RT: 22.58 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:228 Resp: 686222
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.5 16.2 24.2

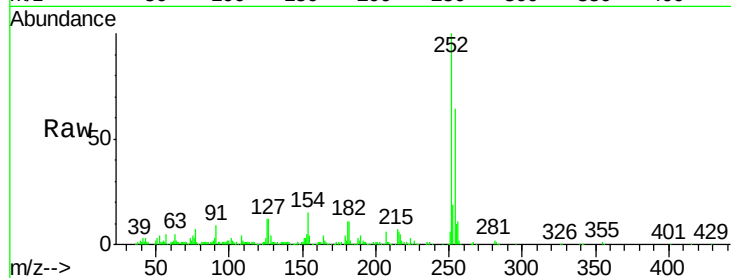




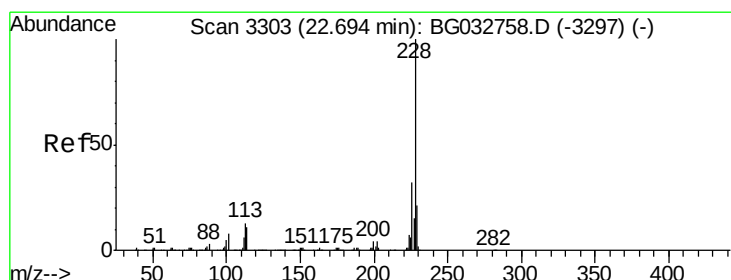
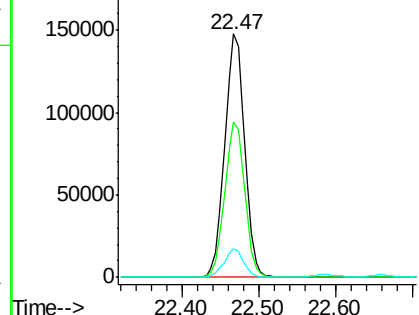
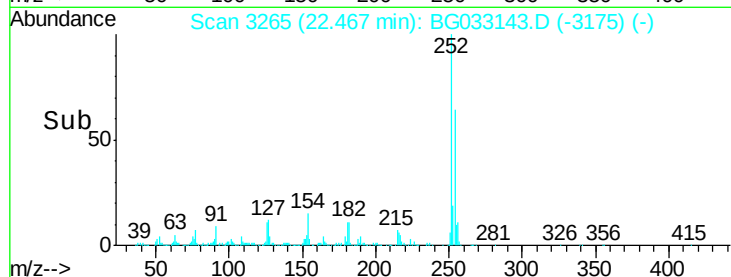
#81
 3,3'-Dichlorobenzidine
 Concen: 37.694 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	11.5	7.4	11.2#

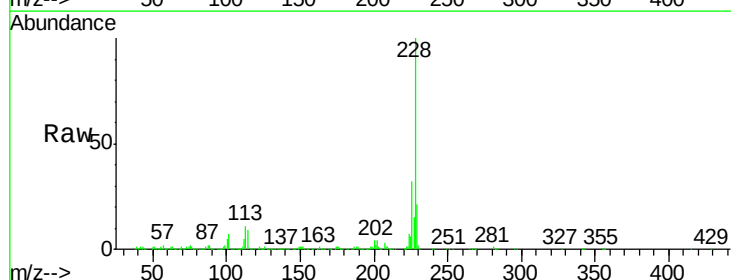


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

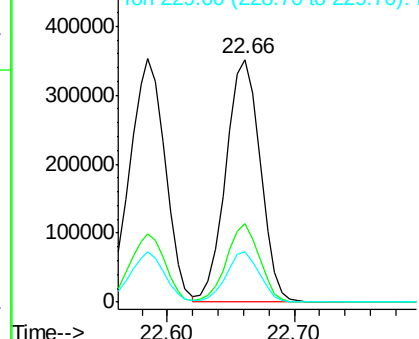
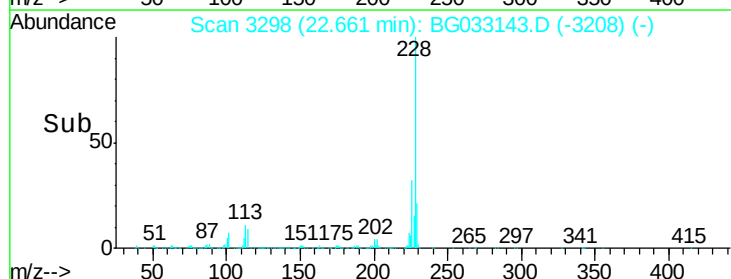


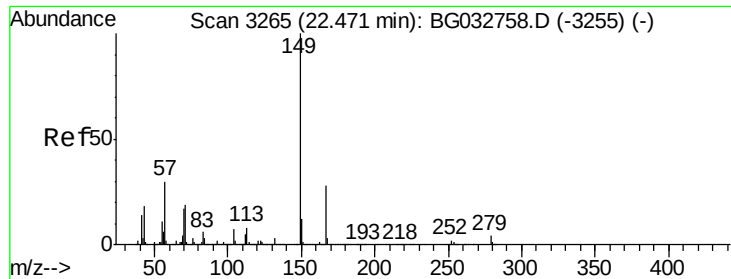
#82
 Chrysene
 Concen: 36.473 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033143.D
 Acq: 14 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.6	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.752 ng

RT: 22.40 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

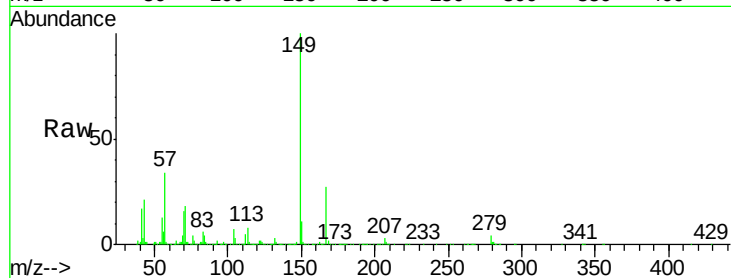
Tot Ion:149 Resp: 503363

Ion Ratio Lower Upper

149 100

167 26.6 24.3 36.5

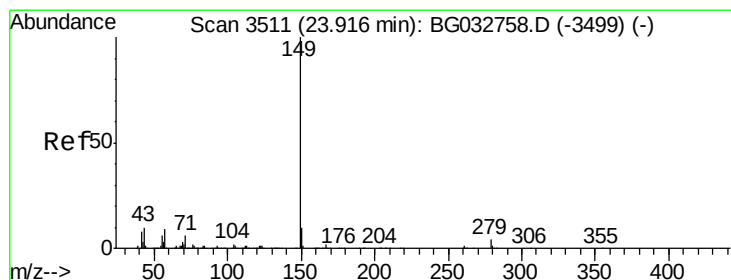
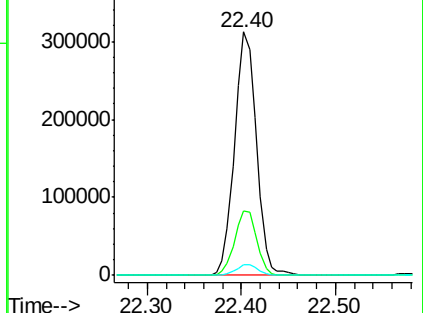
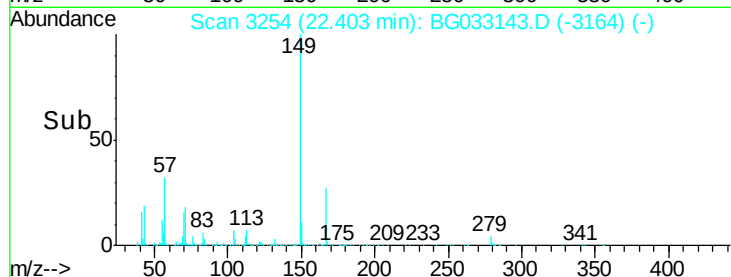
279 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.319 ng

RT: 23.82 min Scan# 3495

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

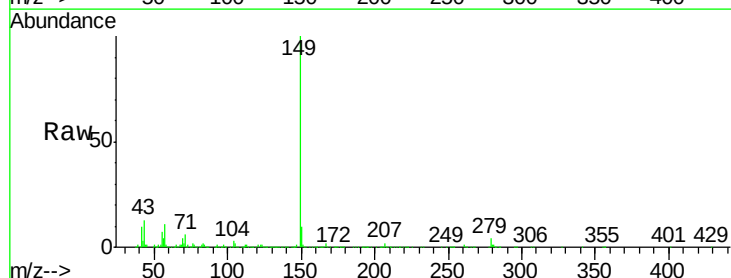
Tgt Ion:149 Resp: 779095

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

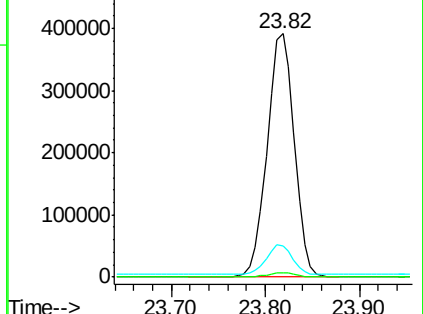
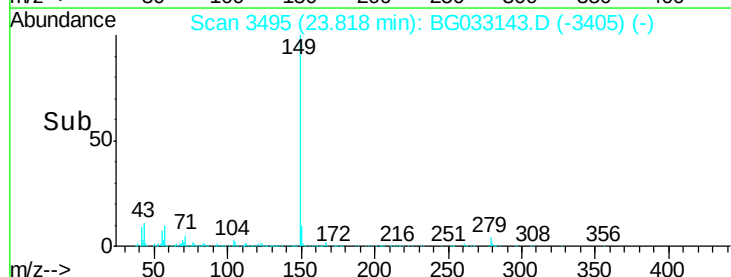
43 11.6 8.9 13.3

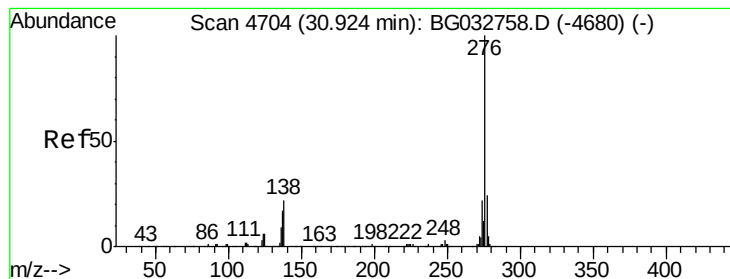


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.090 ng

RT: 30.83 min Scan# 4688

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

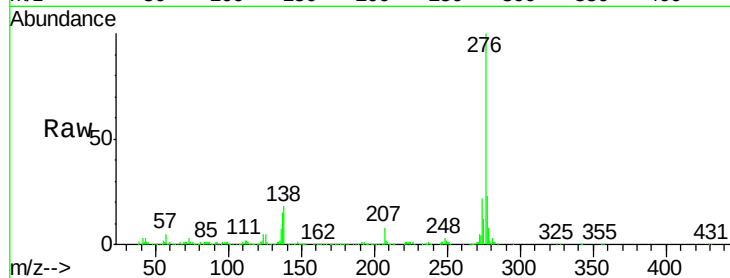
Tot Ion:276 Resp: 784129

Ion Ratio Lower Upper

276 100

138 23.8 16.0 24.0

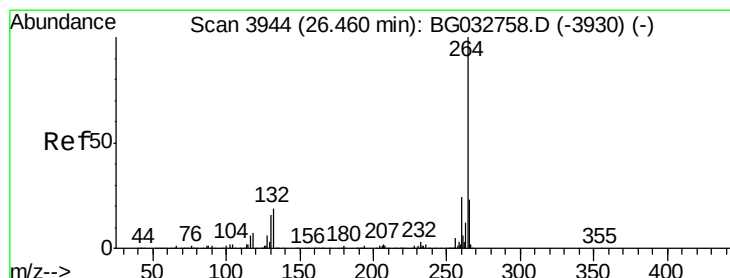
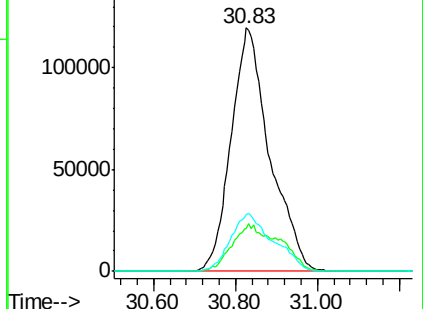
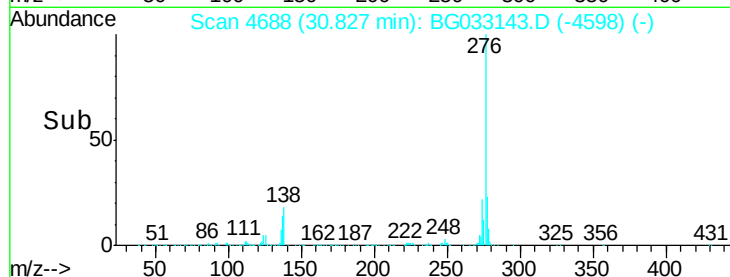
277 26.1 20.0 30.0



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# 3936

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

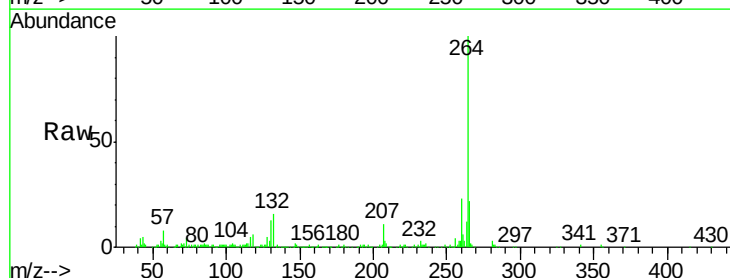
Tgt Ion:264 Resp: 317210

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

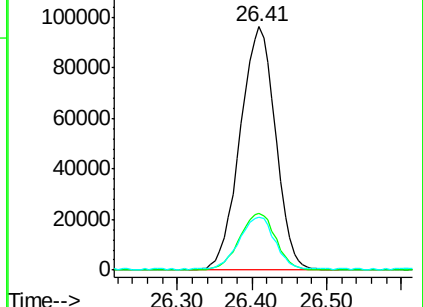
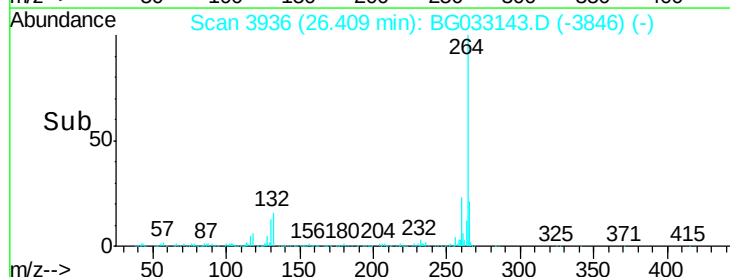
265 21.7 17.7 26.5

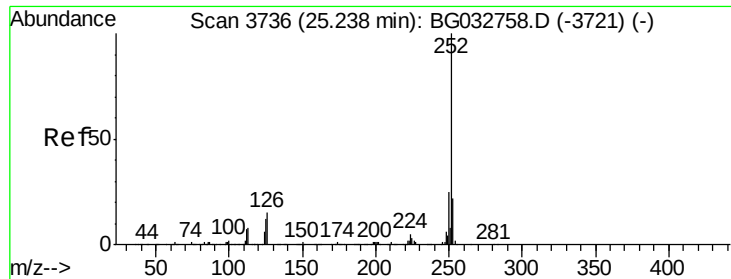


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

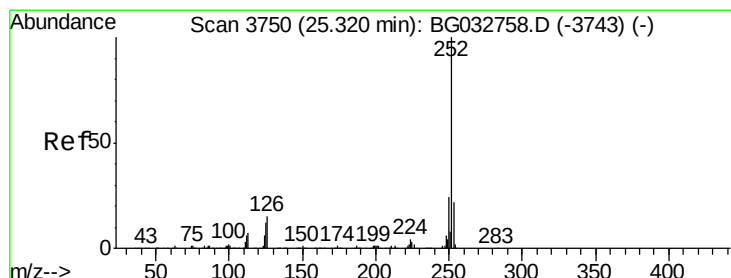
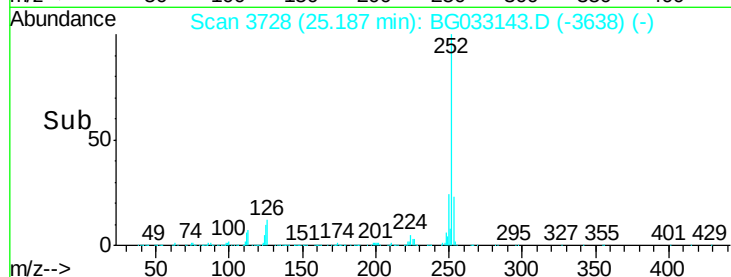
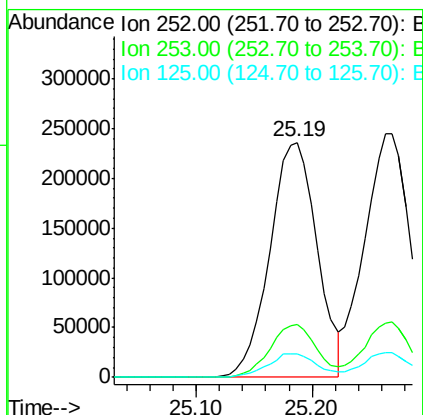
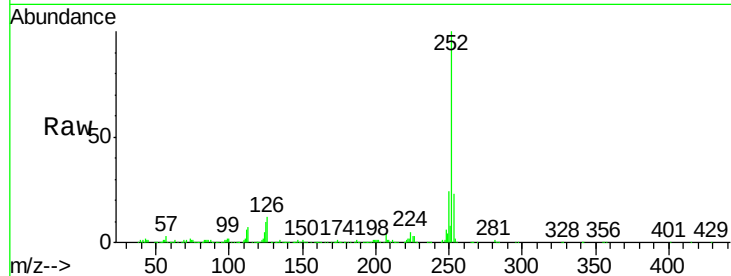




#87
Benzo(b)fluoranthene
Concen: 35.901 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

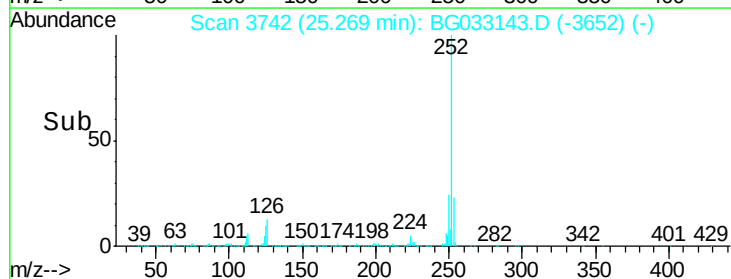
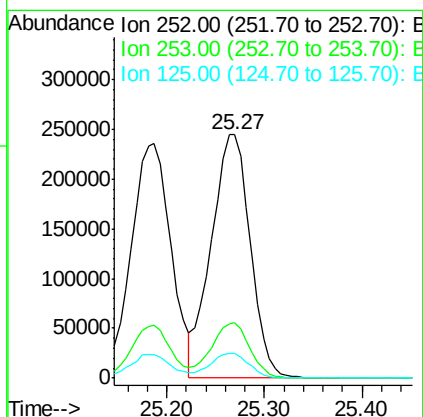
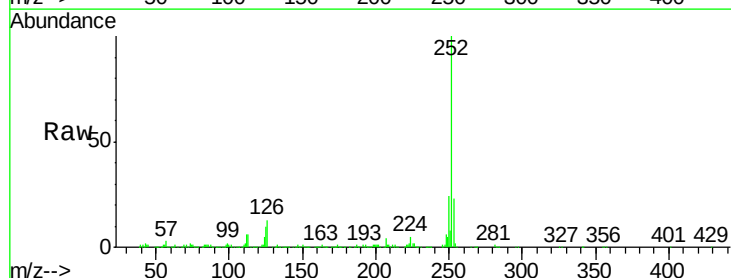
Instrument :
BNA_G
ClientSampleId :

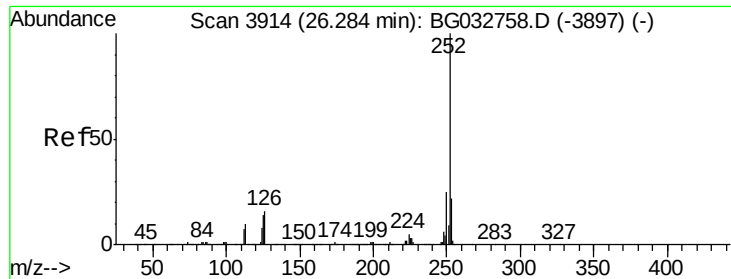
Tot Ion:252 Resp: 673338
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.9 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 36.155 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033143.D
Acq: 14 Mar 2018 11:57

Tgt Ion:252 Resp: 673924
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 36.191 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

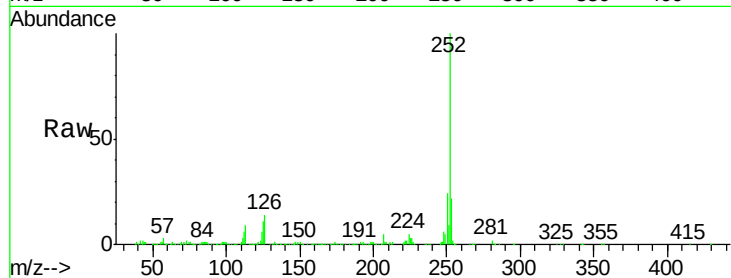
Tot Ion:252 Resp: 645625

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

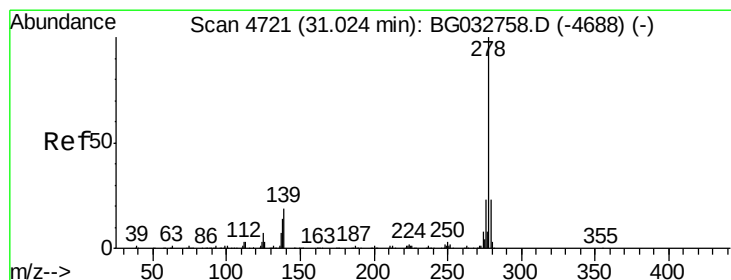
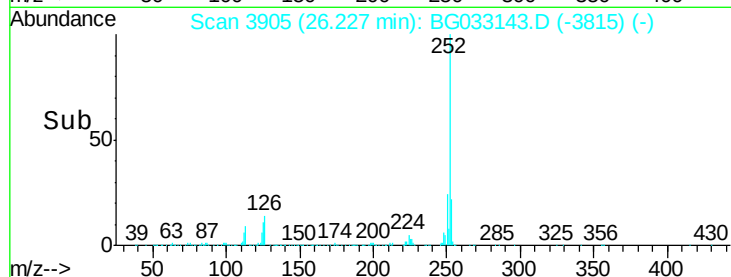
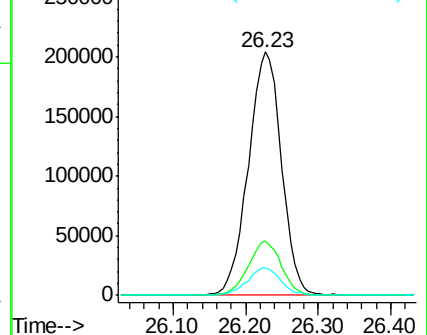
125 11.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.565 ng

RT: 30.91 min Scan# 4703

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

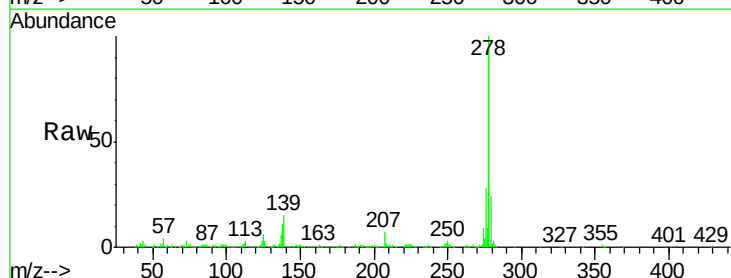
Tgt Ion:278 Resp: 656572

Ion Ratio Lower Upper

278 100

139 15.1 9.8 14.6#

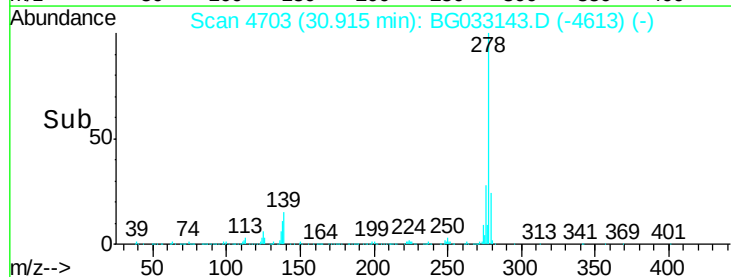
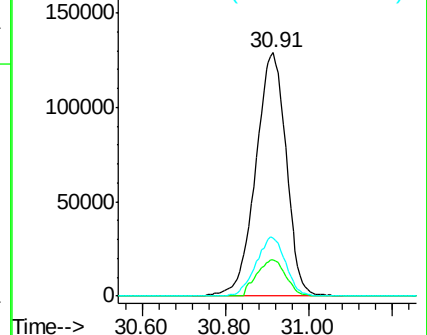
279 24.0 18.4 27.6

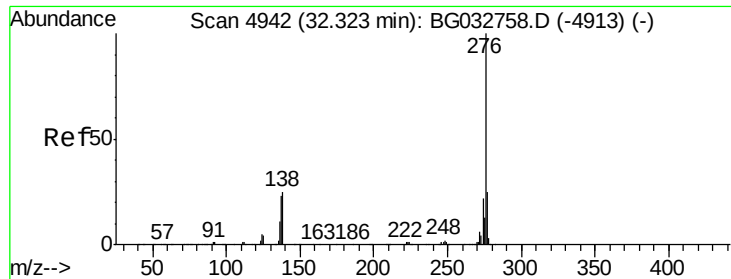


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.211 ng

RT: 32.24 min Scan# 4928

Delta R.T. 0.00 min

Lab File: BG033143.D

Acq: 14 Mar 2018 11:57

Instrument :

BNA_G

ClientSampleId :

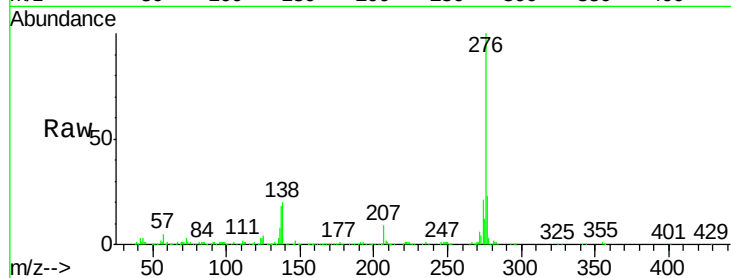
Tot Ion:276 Resp: 640969

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 19.9 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

