

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033184.D
 Acq On : 15 Mar 2018 19:46
 Operator : SJ/JU
 Sample : J1913-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 04:53:22 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	39113	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	170606	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	103308	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	233073	20.00	ng	0.00
75) Chrysene-d12	22.60	240	226220	20.00	ng	0.00
86) Perylene-d12	26.40	264	255204	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	342875	140.25	ng	0.00
7) Phenol-d6	8.00	99	432227	126.84	ng	0.00
23) Nitrobenzene-d5	10.10	82	308650	120.82	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	233170	214.66	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	706855	98.68	ng	0.00
78) Terphenyl-d14	20.76	244	1093844	108.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.96	88	38055	35.866	ng	# 87
3) Pyridine	4.43	79	81345	27.816	ng	92
4) n-Nitrosodimethylamine	4.32	42	65167	55.581	ng	# 79
6) Aniline	8.19	93	36888	7.997	ng	97
8) 2-Chlorophenol	8.45	128	137811	51.500	ng	96
9) Benzaldehyde	7.99	77	57116	29.082	ng	96
10) Phenol	8.03	94	152147	44.291	ng	95
11) bis(2-Chloroethyl)ether	8.28	93	121005	43.079	ng	97
12) 1,3-Dichlorobenzene	8.78	146	137235	43.786	ng	98
13) 1,4-Dichlorobenzene	8.93	146	140018	44.381	ng	98
14) 1,2-Dichlorobenzene	9.27	146	134103	44.357	ng	96
15) Benzyl Alcohol	9.13	79	125142	49.953	ng	96
16) 2,2'-oxybis(1-Chloropropan	9.42	45	218169	45.181	ng	99
17) 2-Methylphenol	9.33	107	114505	45.204	ng	97
18) Hexachloroethane	10.02	117	51807	48.229	ng	90
19) n-Nitroso-di-n-propylamine	9.71	70	108650	45.163	ng	# 92
20) 3+4-Methylphenols	9.67	107	166888	47.383	ng	97
22) Acetophenone	9.74	105	203403	47.208	ng	# 97
24) Nitrobenzene	10.14	77	155916	56.069	ng	94
25) Isophorone	10.67	82	305940	51.091	ng	# 94
26) 2-Nitrophenol	10.87	139	79507	70.838	ng	96
27) 2,4-Dimethylphenol	10.90	122	142527	54.790	ng	91
28) bis(2-Chloroethoxy)methane	11.14	93	173441	49.719	ng	96
29) 2,4-Dichlorophenol	11.41	162	141058	59.746	ng	92
30) 1,2,4-Trichlorobenzene	11.64	180	134184	48.485	ng	93
31) Naphthalene	11.83	128	433575	48.635	ng	99
32) Benzoic acid	10.90	122	142527	72.265	ng	# 8
33) 4-Chloroaniline	11.93	127	28412	7.128	ng	# 93
34) Hexachlorobutadiene	12.09	225	79405	51.151	ng	91
35) Caprolactam	12.68	113	39325	41.598	ng	91
36) 4-Chloro-3-methylphenol	12.99	107	166066	60.443	ng	96
37) 2-Methylnaphthalene	13.39	142	322576	50.014	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	152583	49.754	ng	# 98
40) Hexachlorocyclopentadiene	13.71	237	149853	95.880	ng	91

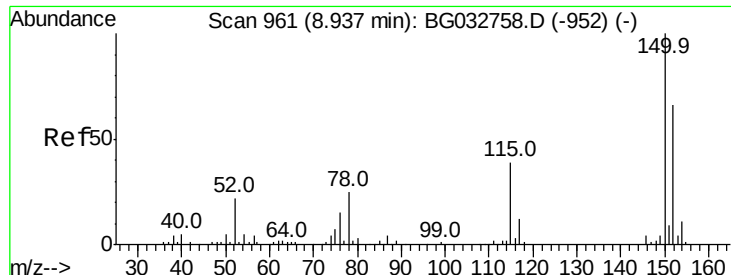
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	112961	58.408	nq	95
43) 2,4,5-Trichlorophenol	14.04	196	126541	56.533	nq	98
45) 1,1'-Biphenyl	14.35	154	408312	45.230	nq	95
46) 2-Chloronaphthalene	14.41	162	314978	46.708	nq	95
47) 2-Nitroaniline	14.60	65	114951	63.577	nq	95
48) Acenaphthylene	15.25	152	511779	46.354	nq	99
49) Dimethylphthalate	14.94	163	419619	47.837	nq	100
50) 2,6-Dinitrotoluene	15.07	165	91251	60.097	nq	98
51) Acenaphthene	15.58	154	320804	46.656	nq	98
52) 3-Nitroaniline	15.41	138	28304	20.825	nq	# 87
53) 2,4-Dinitrophenol	15.61	184	13337	37.525	nq	86
54) Dibenzofuran	15.91	168	490562	50.106	nq	92
55) 4-Nitrophenol	15.69	139	141528	96.887	nq	94
56) 2,4-Dinitrotoluene	15.85	165	131514	68.984	nq	89
57) Fluorene	16.55	166	389514	48.203	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	114415	65.837	nq	94
59) Diethylphthalate	16.28	149	439338	47.486	nq	99
60) 4-Chlorophenyl-phenylether	16.52	204	205935	52.096	nq	93
61) 4-Nitroaniline	16.56	138	73364	39.668	nq	94
62) Azobenzene	16.82	77	390679	47.201	nq	94
64) 4,6-Dinitro-2-methylphenol	16.60	198	21149	35.438	nq	93
65) n-Nitrosodiphenylamine	16.74	169	365339	48.184	nq	98
66) 4-Bromophenyl-phenylether	17.42	248	132268	53.669	nq	# 86
67) Hexachlorobenzene	17.54	284	143483	53.875	nq	96
68) Atrazine	17.66	200	130626	52.339	nq	97
69) Pentachlorophenol	17.89	266	131227	78.225	nq	97
70) Phenanthrene	18.29	178	640901	49.288	nq	100
71) Anthracene	18.38	178	650716	49.846	nq	98
72) Carbazole	18.64	167	601110	46.716	nq	# 98
73) Di-n-butylphthalate	19.13	149	733230	46.449	nq	99
74) Fluoranthene	20.24	202	733341	51.055	nq	98
76) Benzidine	20.40	184	54429	7.059	nq	96
77) Pyrene	20.60	202	741687	46.492	nq	98
79) Butylbenzylphthalate	21.46	149	343074	48.504	nq	93
80) Benzo(a)anthracene	22.58	228	724879	49.970	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	52544	9.780	nq	98
82) Chrysene	22.66	228	678039	48.930	nq	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	472885	45.166	nq	96
84) Di-n-octyl phthalate	23.81	149	817644	51.235	nq	100
85) Indeno(1,2,3-cd)pyrene	30.84	276	882584	54.613	nq	97
87) Benzo(b)fluoranthene	25.18	252	746659	49.482	nq	100
88) Benzo(k)fluoranthene	25.26	252	726911	48.472	nq	99
89) Benzo(a)pyrene	26.23	252	723367	50.401	nq	98
90) Dibenzo(a,h)anthracene	30.91	278	741674	51.340	nq	96
91) Benzo(g,h,i)perylene	32.22	276	730453	51.293	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.90 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampled :

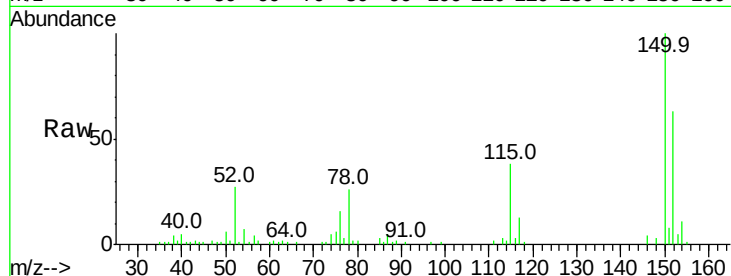
Tot Ion:152 Resp: 39113

Ion Ratio Lower Upper

152 100

150 159.1 126.6 189.8

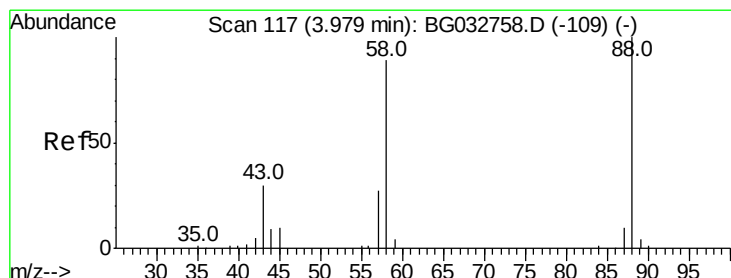
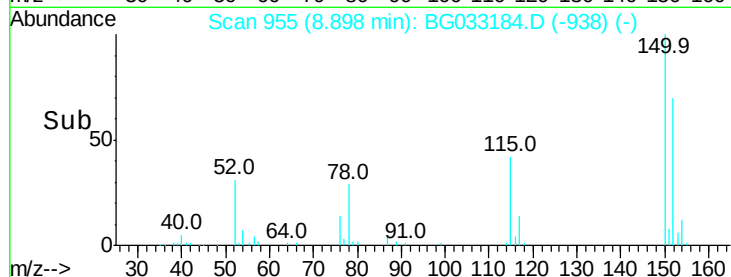
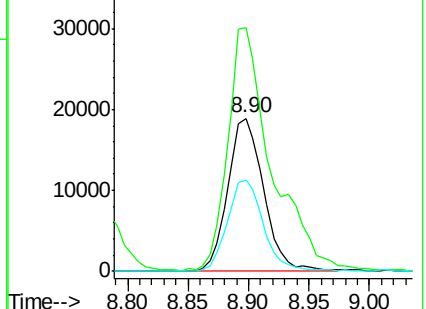
115 59.8 53.0 79.4



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: 35.866 ng

RT: 3.96 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

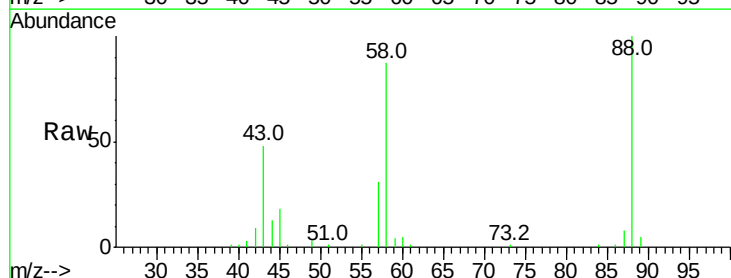
Tgt Ion: 88 Resp: 38055

Ion Ratio Lower Upper

88 100

58 89.2 79.6 119.4

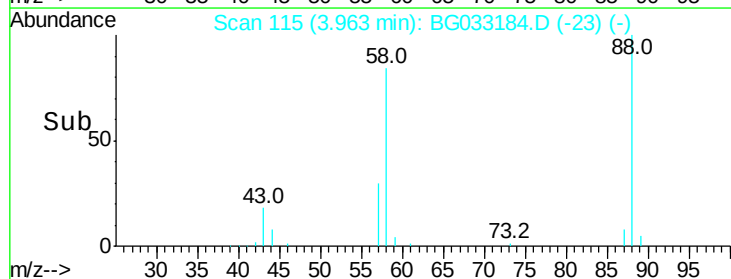
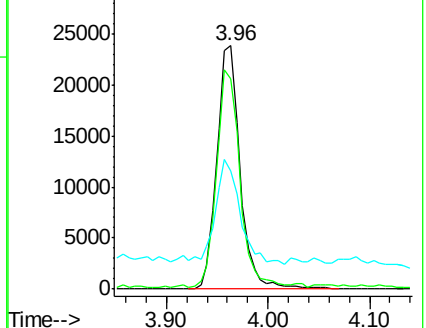
43 45.4 27.4 41.0#

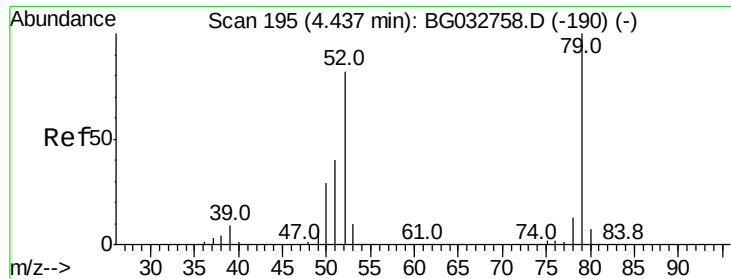


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.816 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampled :

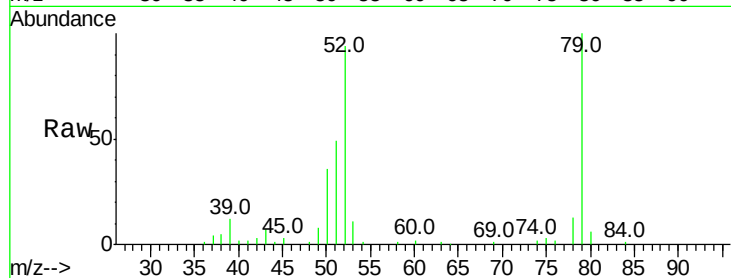
Tot Ion: 79 Resp: 81345

Ion Ratio Lower Upper

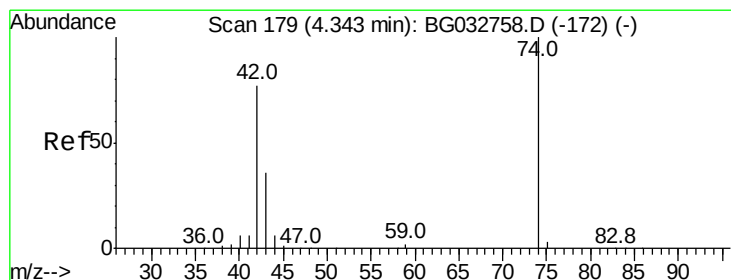
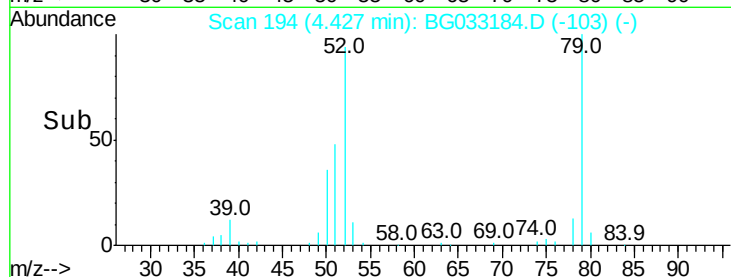
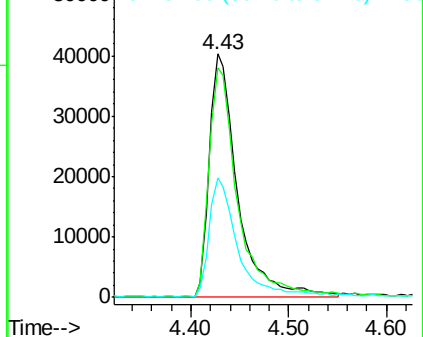
79 100

52 94.4 69.9 104.9

51 48.8 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: 55.581 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

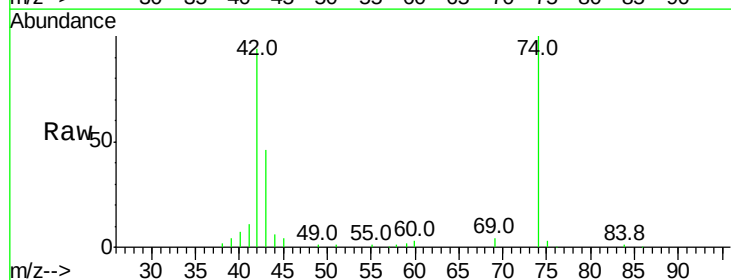
Tgt Ion: 42 Resp: 65167

Ion Ratio Lower Upper

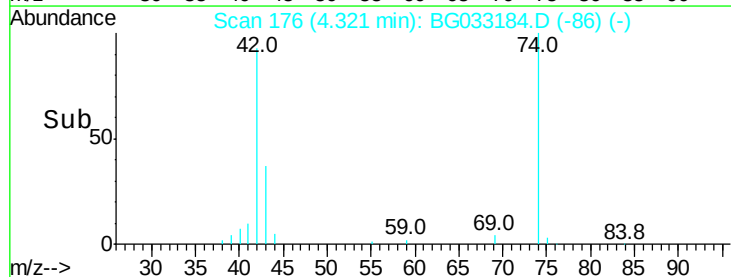
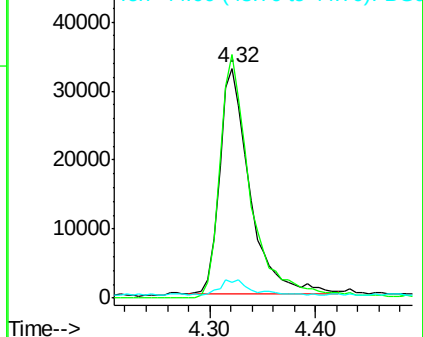
42 100

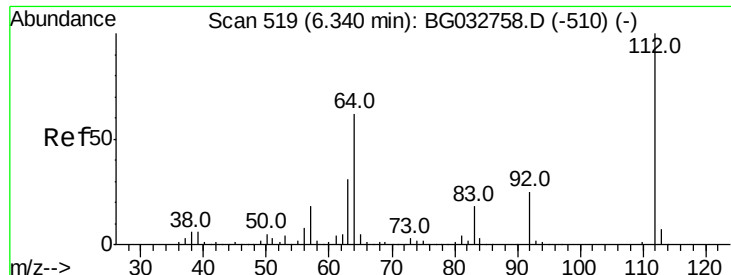
74 106.0 102.5 153.7

44 6.9 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 140.248 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

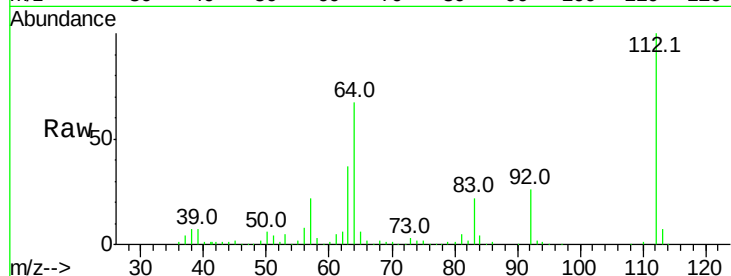
Tot Ion:112 Resp: 342875

Ion Ratio Lower Upper

112 100

64 66.8 56.3 84.5

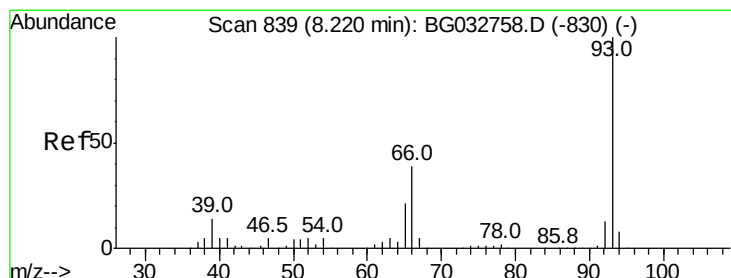
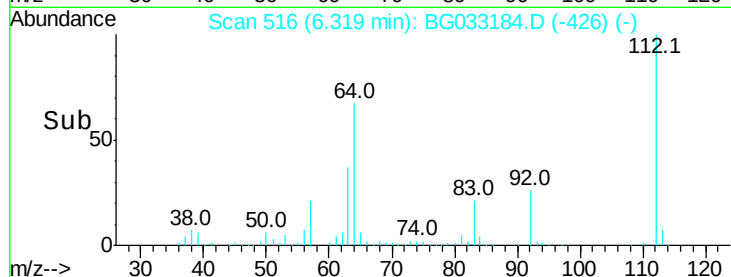
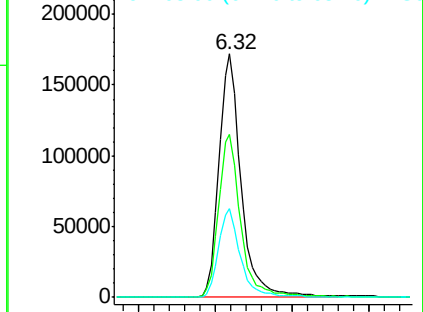
63 36.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.997 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

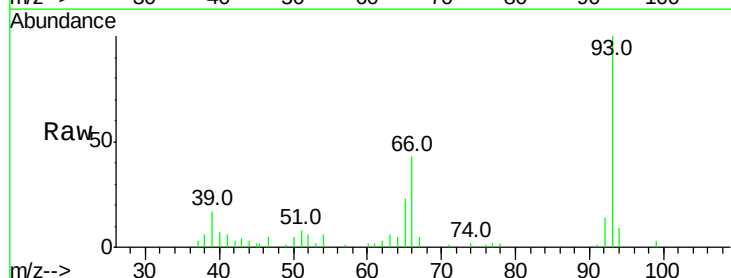
Tgt Ion: 93 Resp: 36888

Ion Ratio Lower Upper

93 100

66 43.0 33.7 50.5

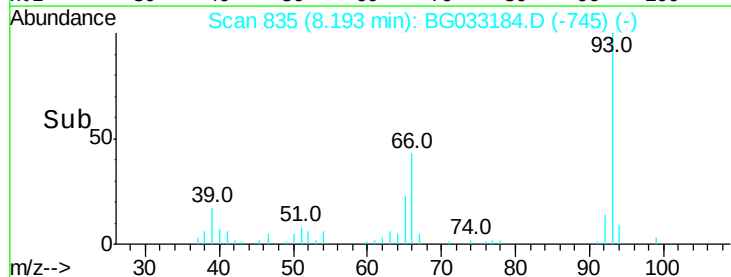
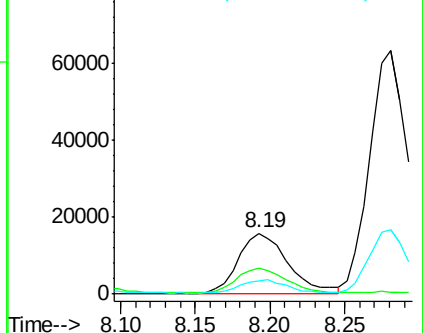
65 22.6 16.1 24.1

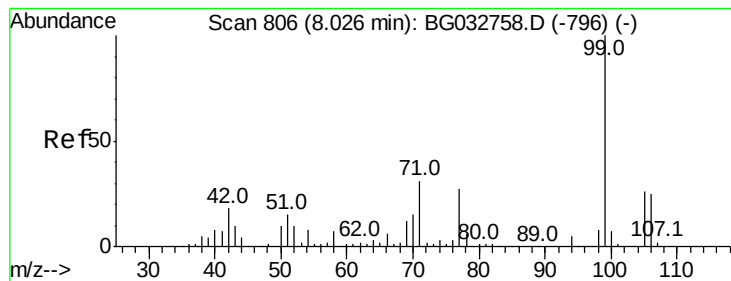


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.839 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampled :

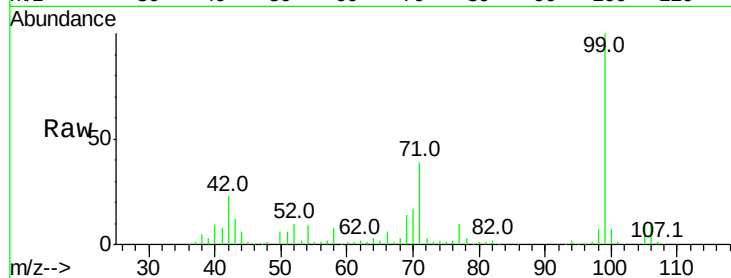
Tot Ion: 99 Resp: 432227

Ion Ratio Lower Upper

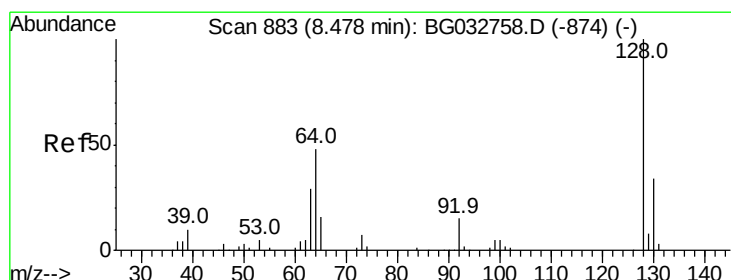
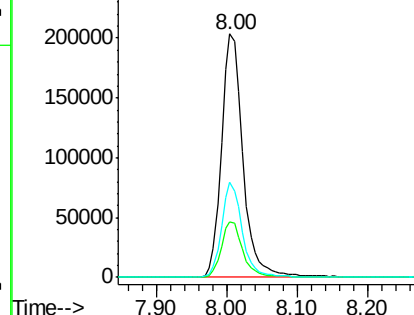
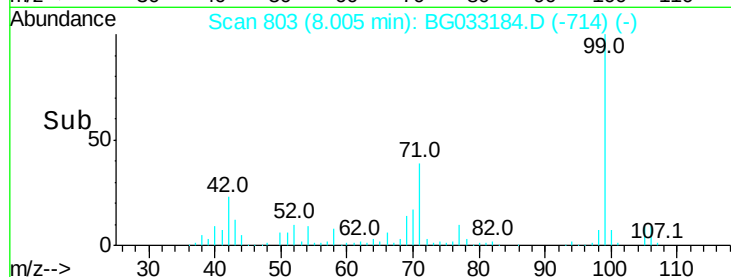
99 100

42 22.8 14.1 21.1#

71 39.0 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: 51.500 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

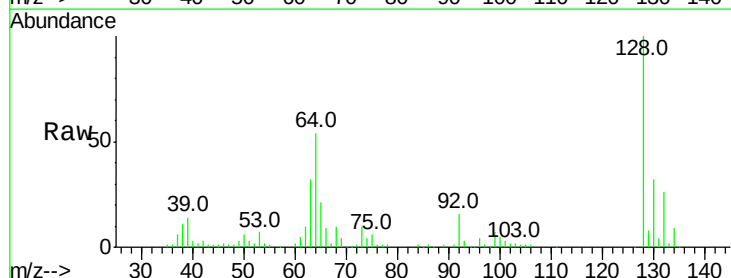
Tgt Ion:128 Resp: 137811

Ion Ratio Lower Upper

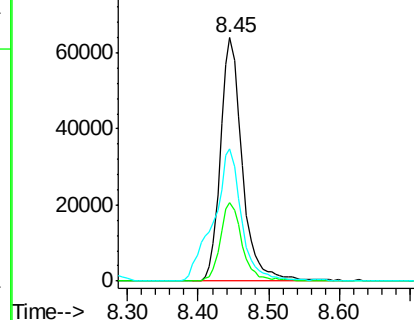
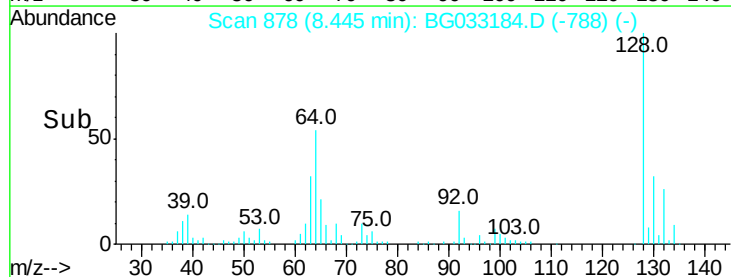
128 100

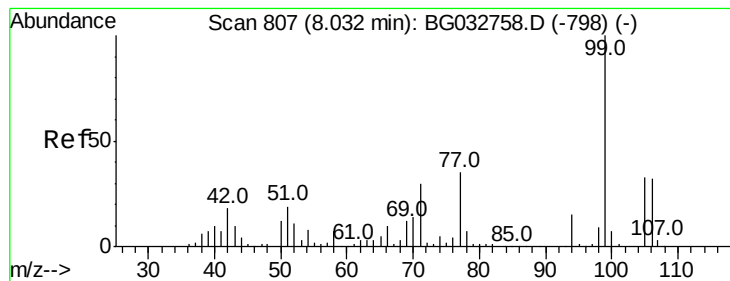
130 32.4 14.0 54.0

64 54.5 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: 29.082 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

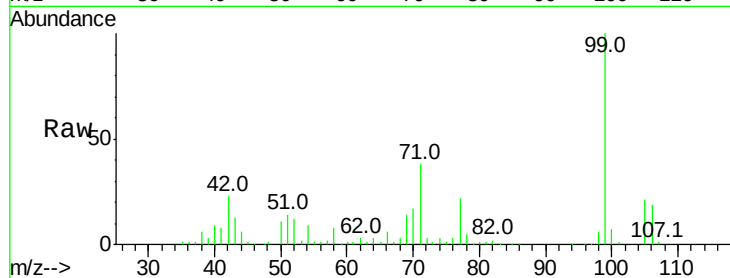
Tot Ion: 77 Resp: 57116

Ion Ratio Lower Upper

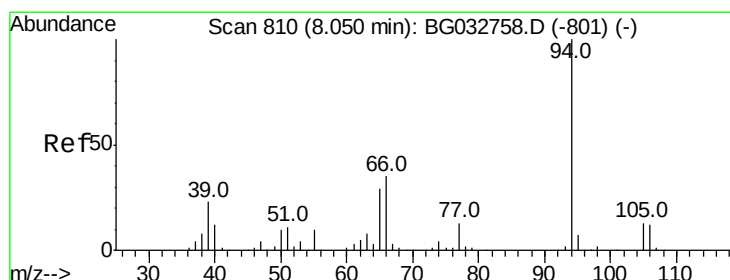
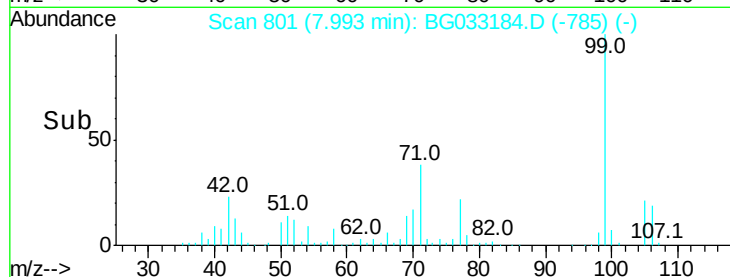
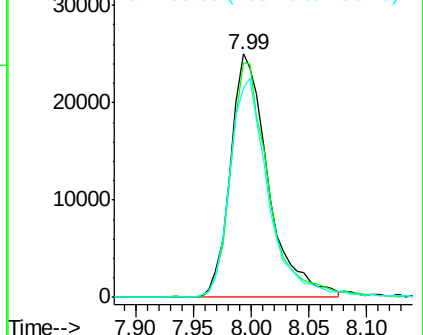
77 100

105 96.3 71.3 111.3

106 85.8 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: 44.291 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

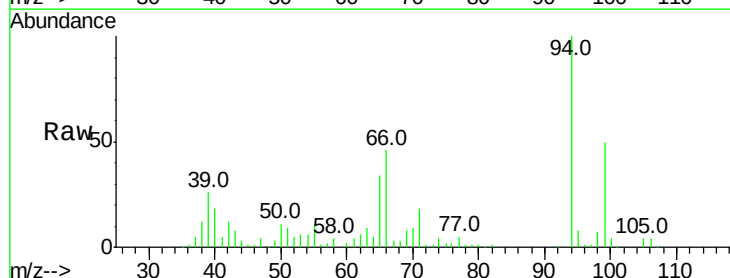
Tgt Ion: 94 Resp: 152147

Ion Ratio Lower Upper

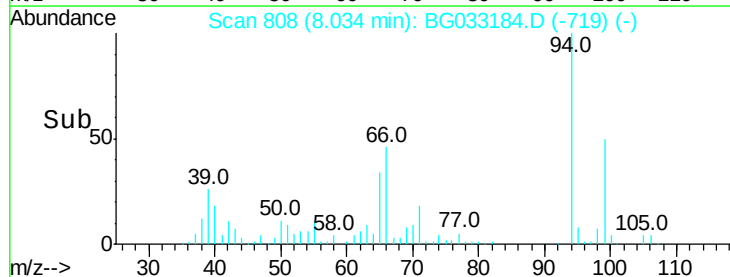
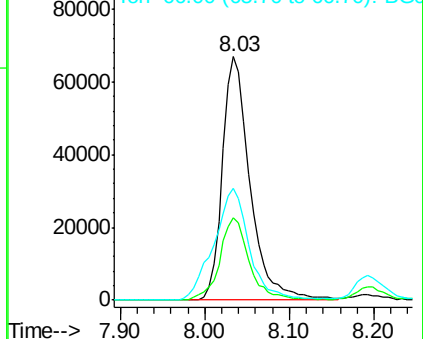
94 100

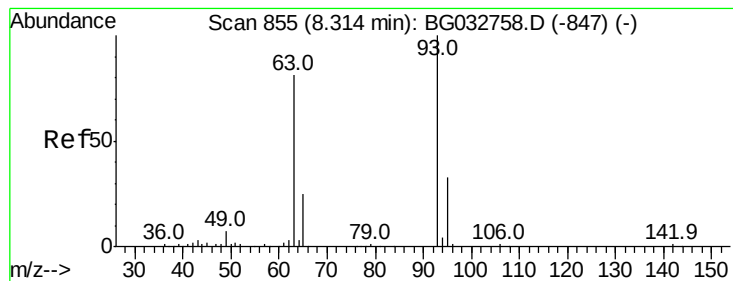
65 34.0 11.9 51.9

66 46.2 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: 43.079 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

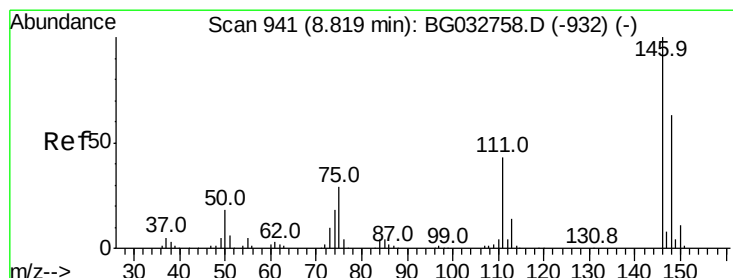
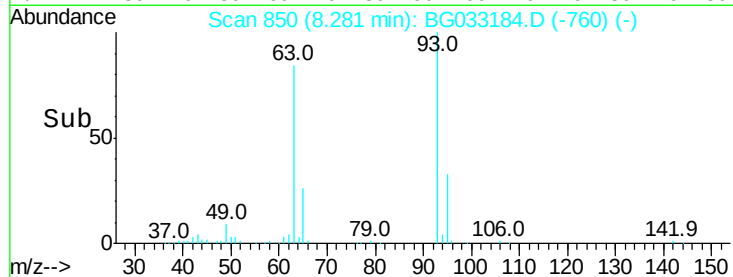
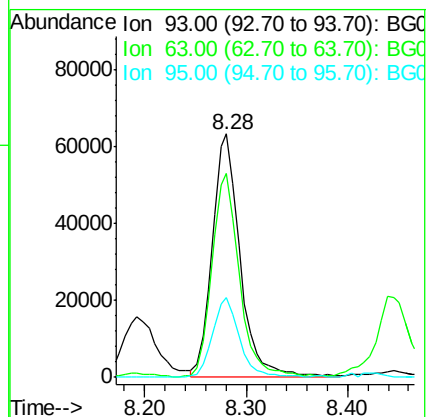
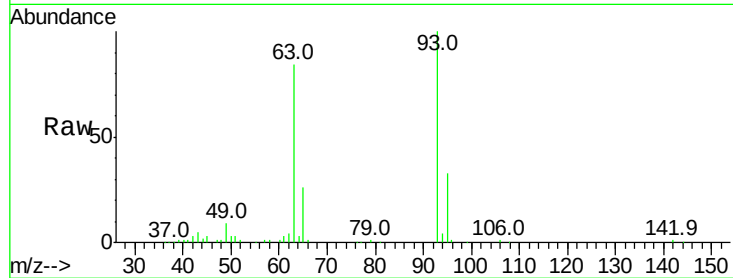
Tot Ion: 93 Resp: 121005

Ion Ratio Lower Upper

93 100

63 83.7 67.1 107.1

95 32.6 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.786 ng

RT: 8.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

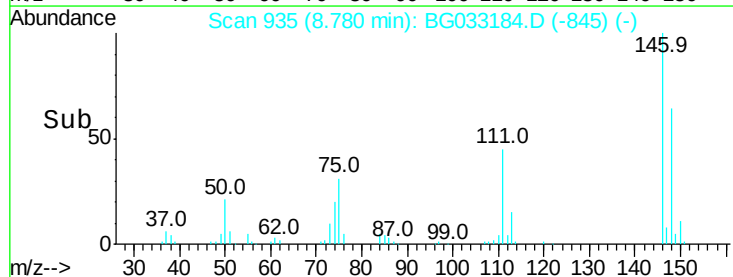
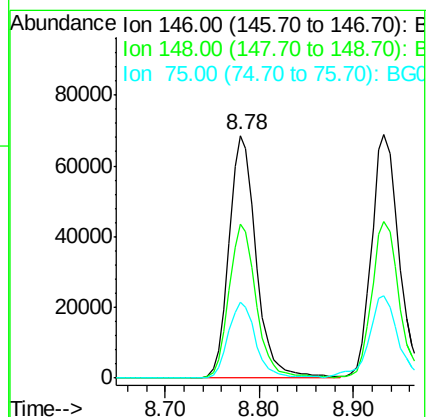
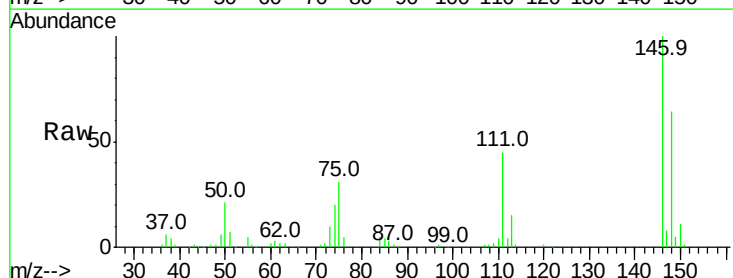
Tgt Ion: 146 Resp: 137235

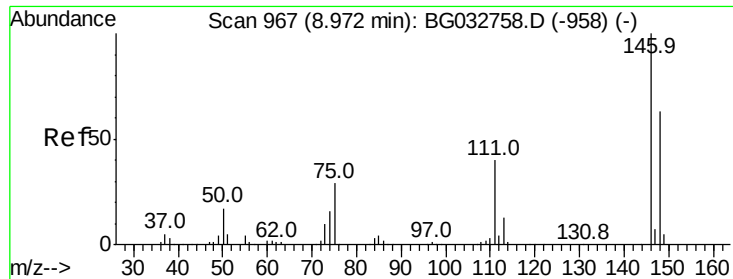
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

75 31.2 26.6 39.8

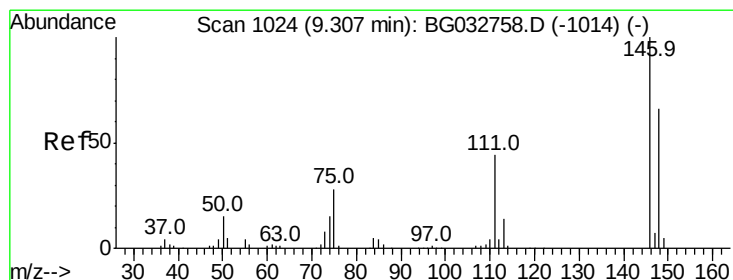
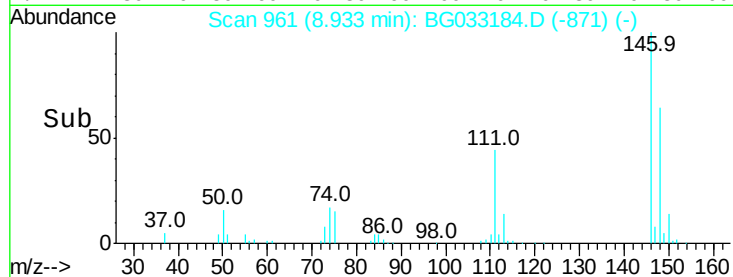
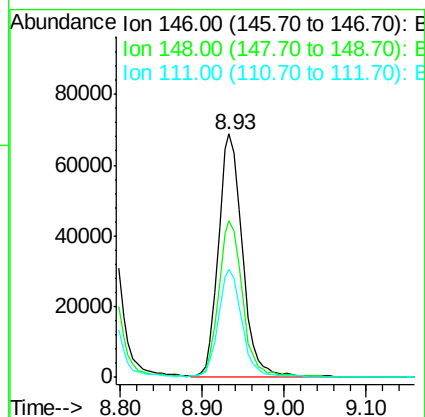
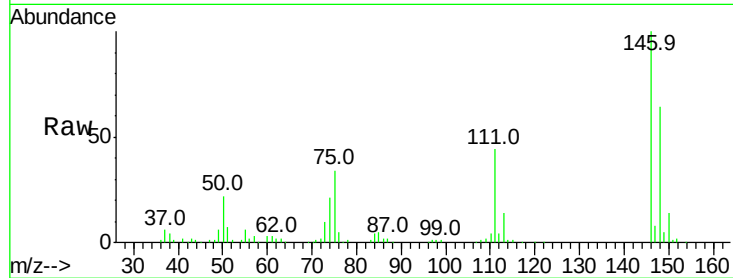




#13
 1,4-Dichlorobenzene
 Concen: 44.381 ng
 RT: 8.93 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

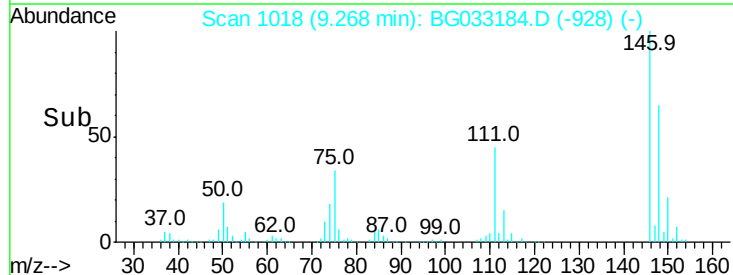
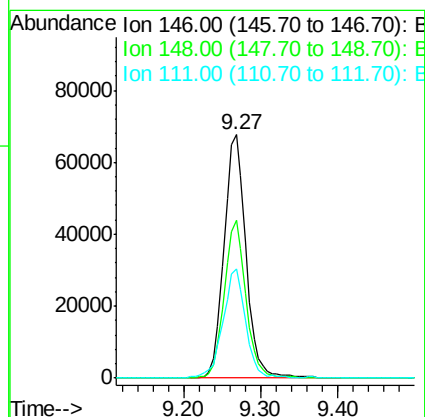
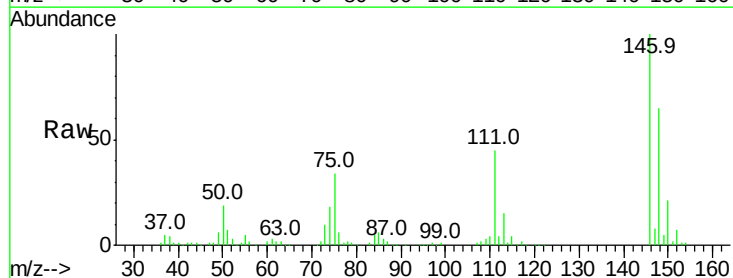
Instrument :
 BNA_G
 ClientSampleId :

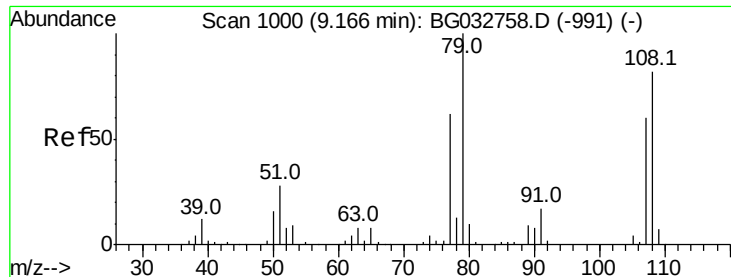
Tot Ion:146 Resp: 140018
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.7 80.5
 111 44.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.357 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:146 Resp: 134103
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.3 73.9
 111 44.6 34.3 51.5

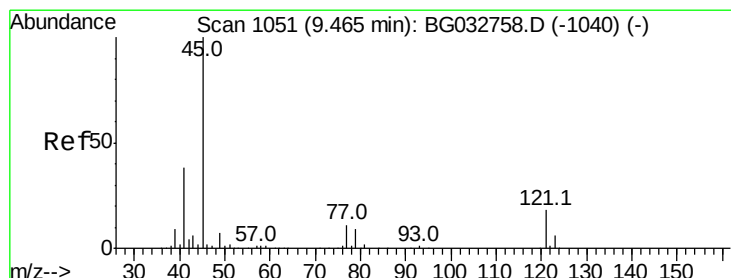
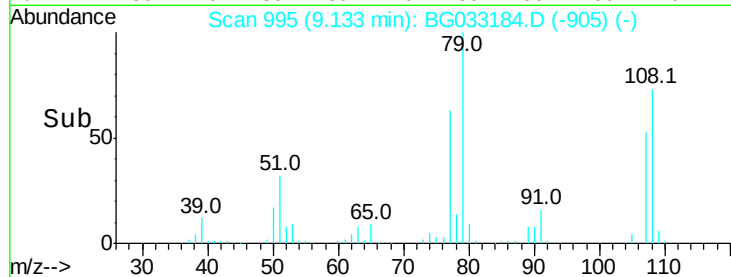
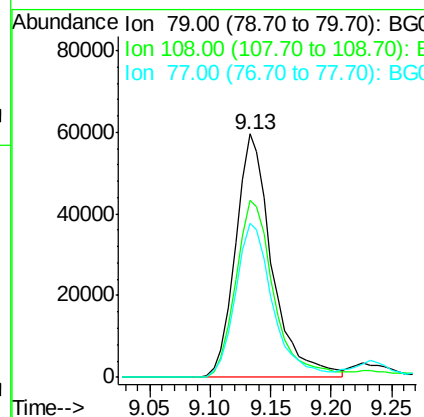
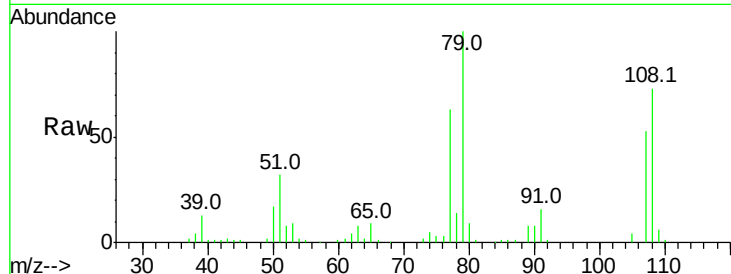




#15
Benzyl Alcohol
Concen: 49.953 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

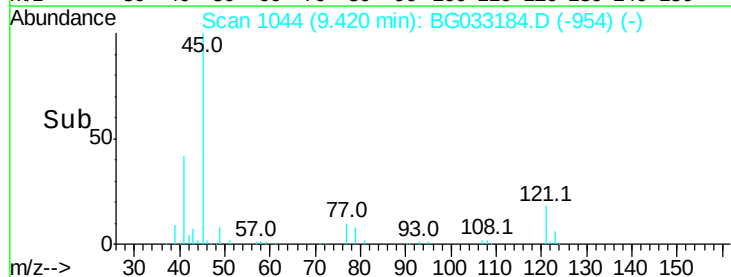
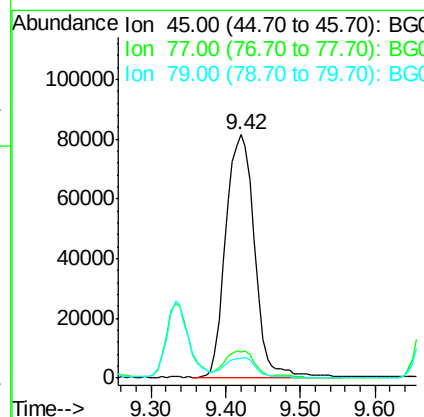
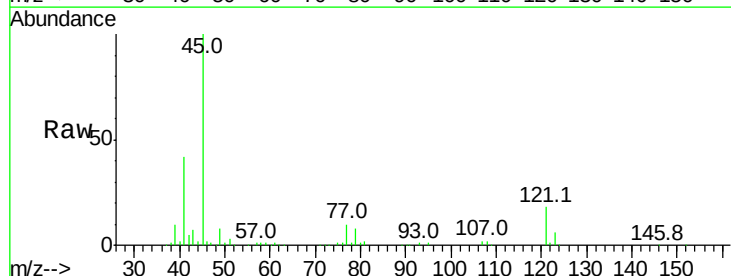
Instrument :
BNA_G
ClientSampleId :

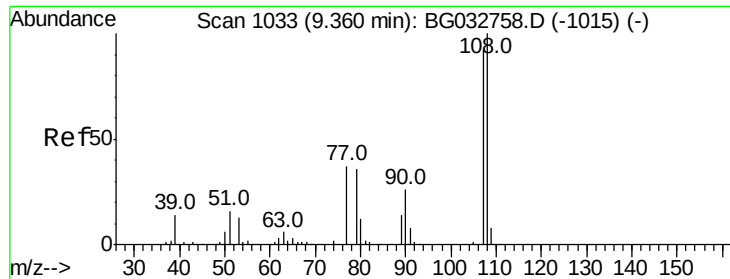
Tot Ion: 79 Resp: 125142
Ion Ratio Lower Upper
79 100
108 72.8 57.2 85.8
77 63.3 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.181 ng
RT: 9.42 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion: 45 Resp: 218169
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.2
79 8.3 0.0 27.9





#17

2-Methylphenol

Concen: 45.204 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 114505

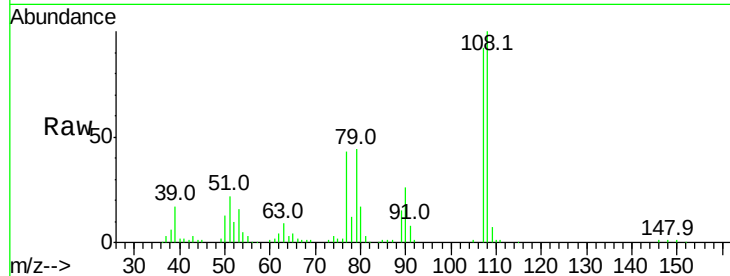
Ion Ratio Lower Upper

107 100

108 108.8 83.9 125.9

77 46.4 37.2 55.8

79 47.7 36.2 54.2

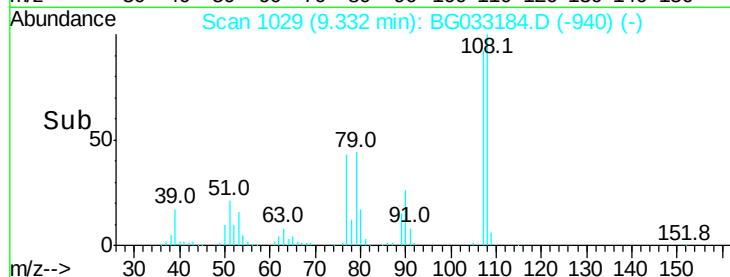


Abundance Ion 107.00 (106.70 to 107.70): E

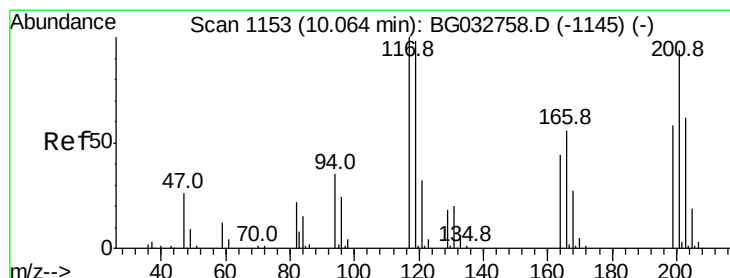
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 48.229 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

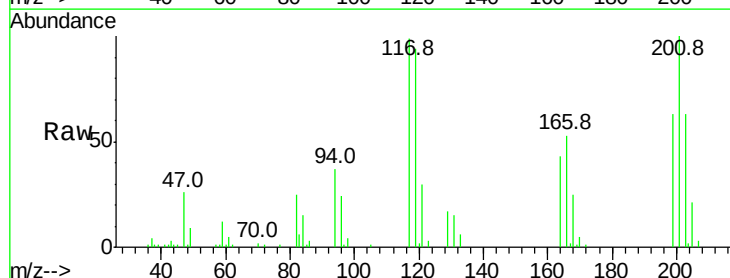
Tgt Ion:117 Resp: 51807

Ion Ratio Lower Upper

117 100

119 94.8 76.7 115.1

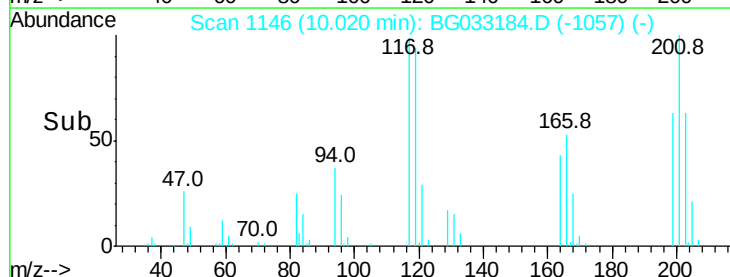
201 101.0 95.7 143.5



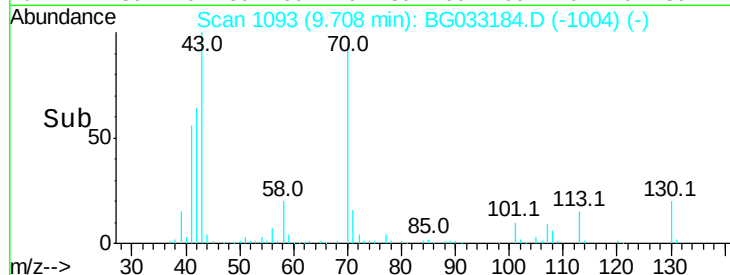
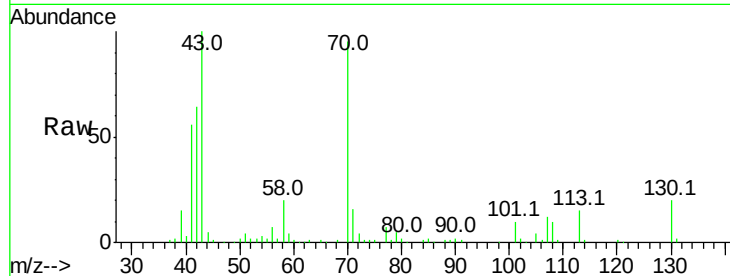
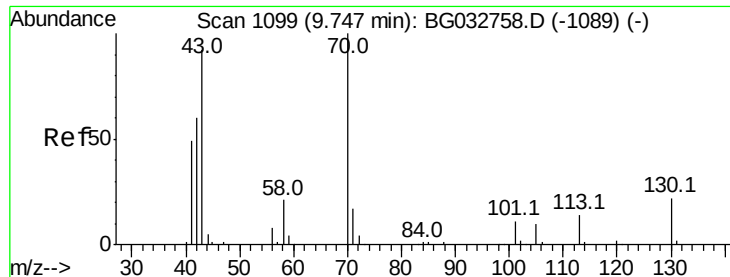
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



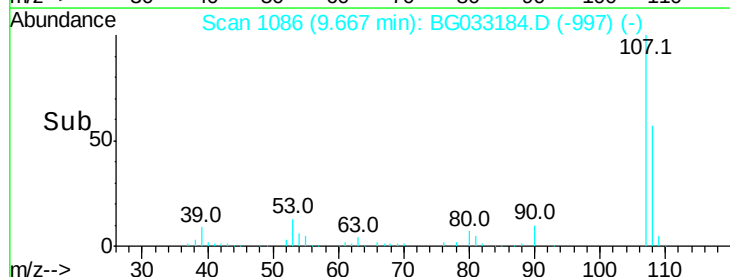
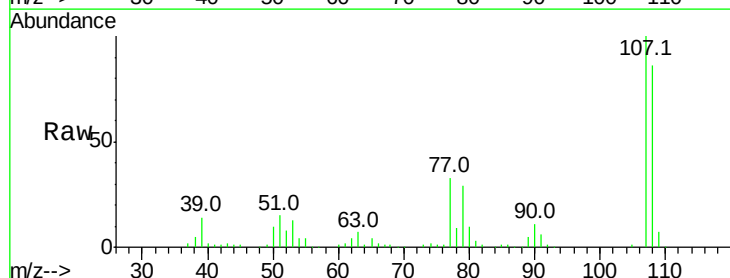
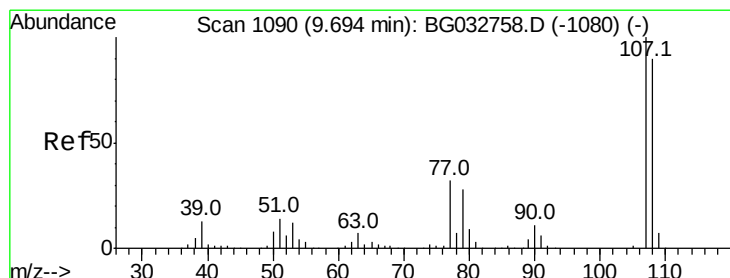
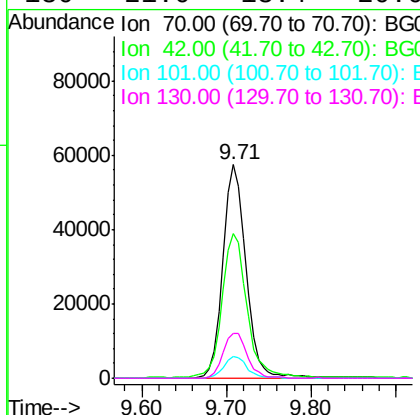
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 45.163 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

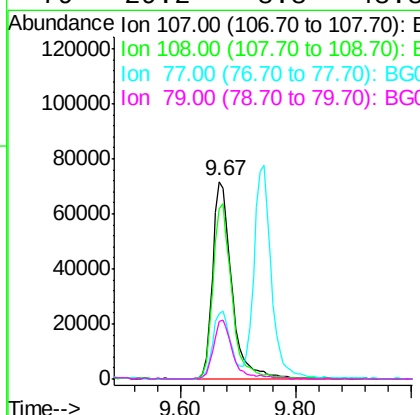
Instrument :
BNA_G
ClientSampled :

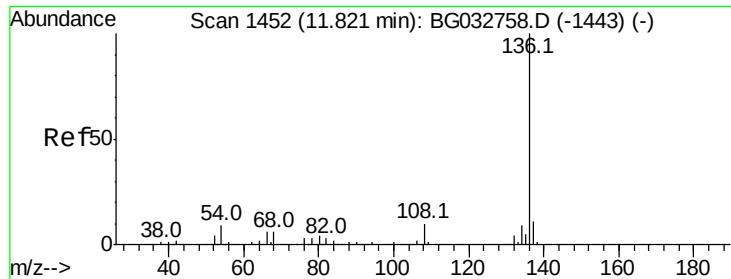
Tot Ion: 70 Resp: 108650
Ion Ratio Lower Upper
70 100
42 67.5 49.1 73.7
101 10.1 8.5 12.7
130 21.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 47.383 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion: 107 Resp: 166888
Ion Ratio Lower Upper
107 100
108 85.9 61.6 101.6
77 33.2 13.9 53.9
79 29.2 8.8 48.8

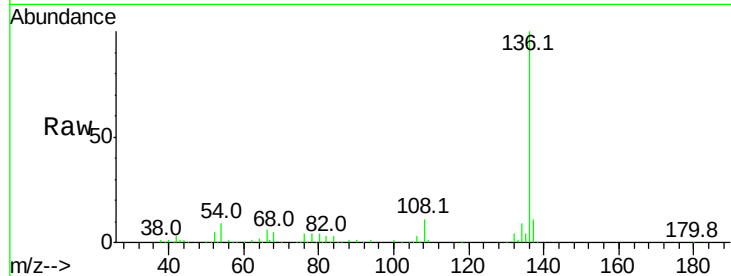




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	170606
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.3	10.3	15.5#
68	5.0	4.5	6.7



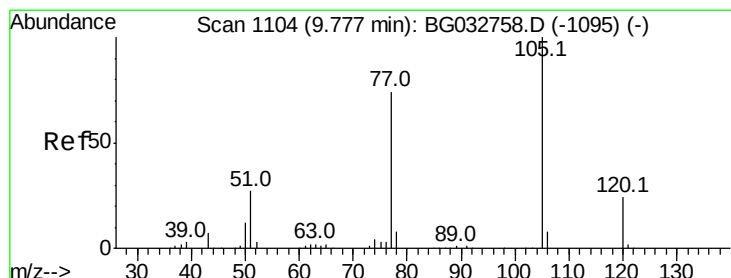
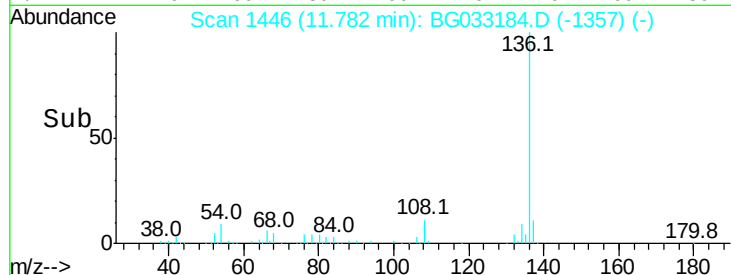
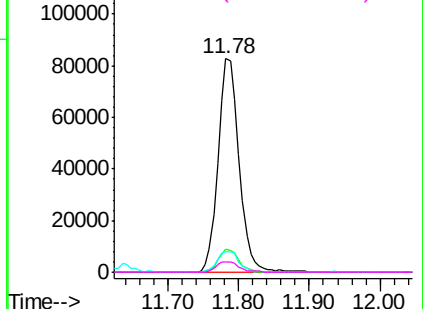
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

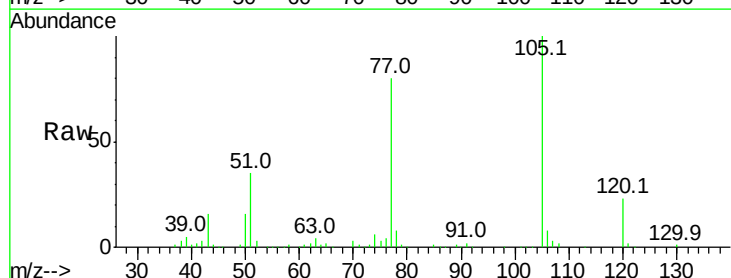
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.208 ng
RT: 9.74 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:	105	Resp:	203403
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	34.6	26.1	39.1
120	23.0	17.4	26.2



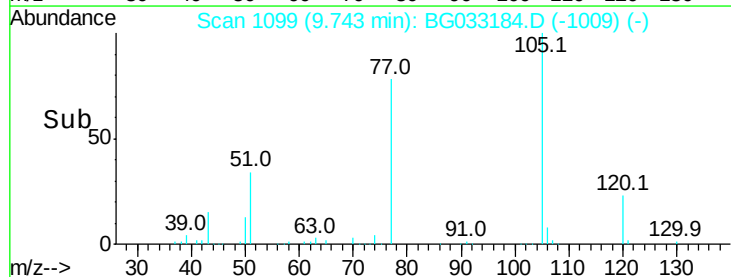
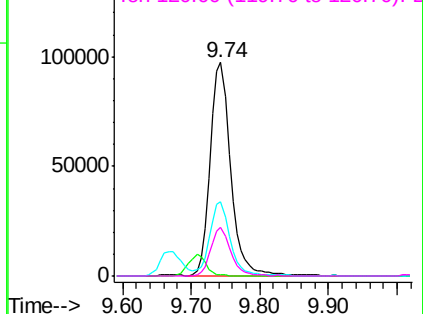
Abundance

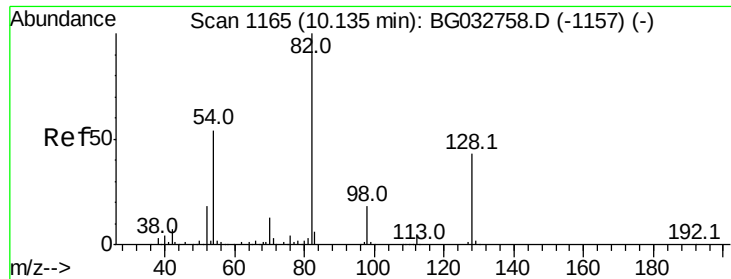
Ion 105.00 (104.70 to 105.70): E

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

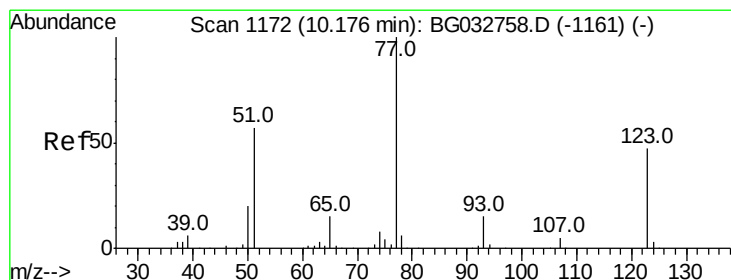
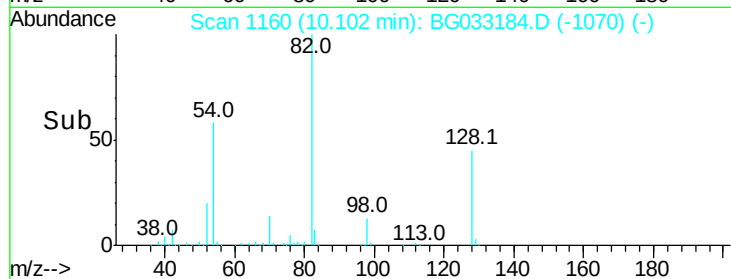
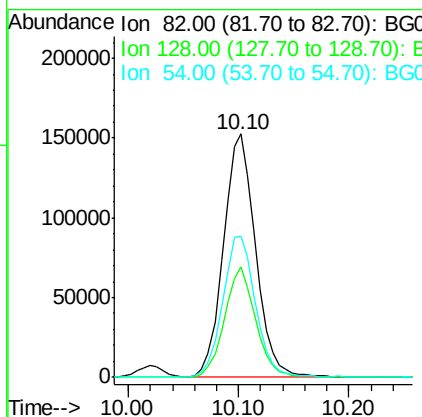
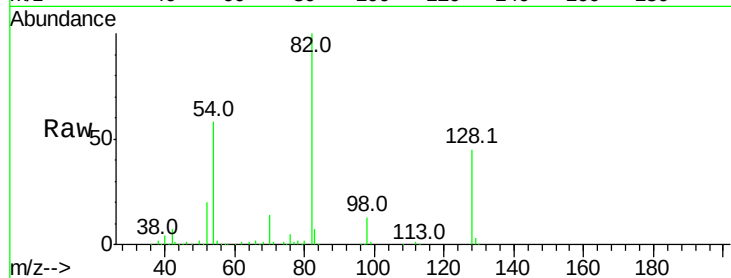




#23
 Nitrobenzene-d5
 Concen: 120.817 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

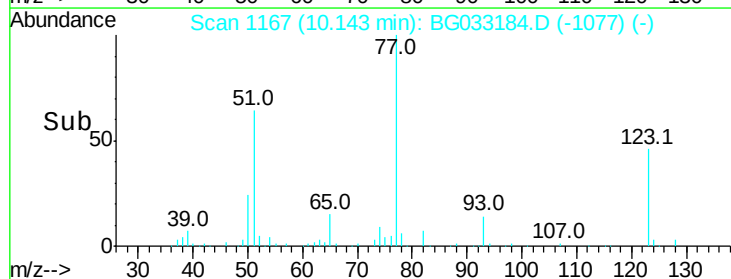
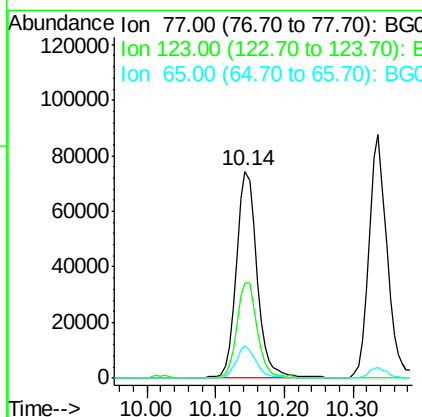
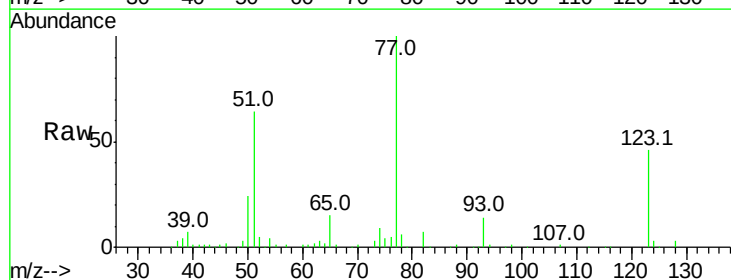
Instrument :
 BNA_G
 ClientSampled :

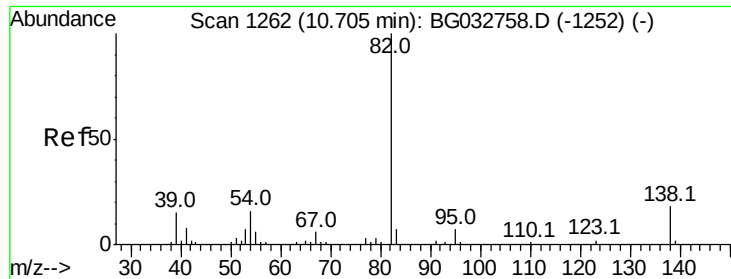
Tot Ion: 82 Resp: 308650
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 58.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 56.069 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion: 77 Resp: 155916
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.6
 65 15.4 13.0 19.6





#25

Isophorone

Concen: 51.091 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

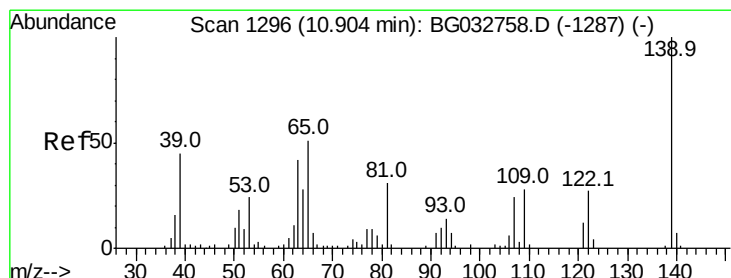
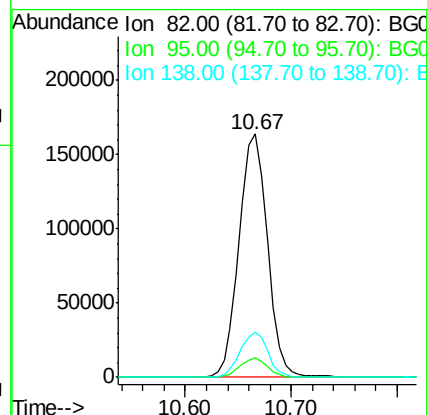
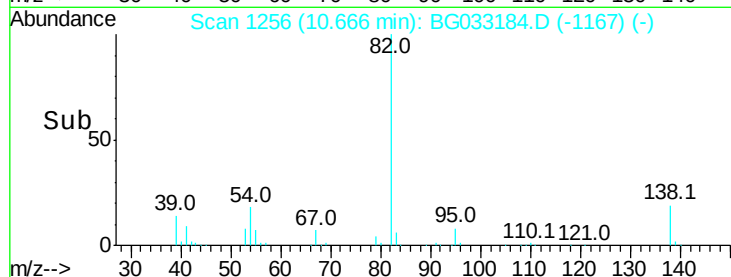
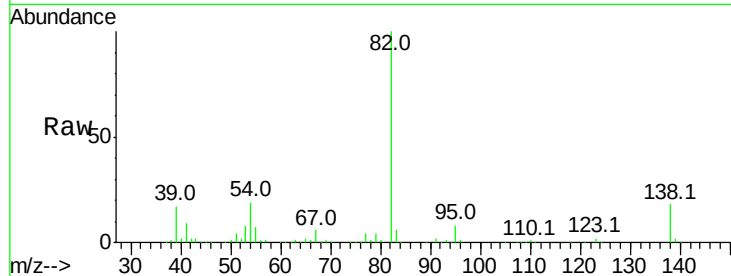
Tot Ion: 82 Resp: 305940

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 18.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 70.838 ng

RT: 10.87 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

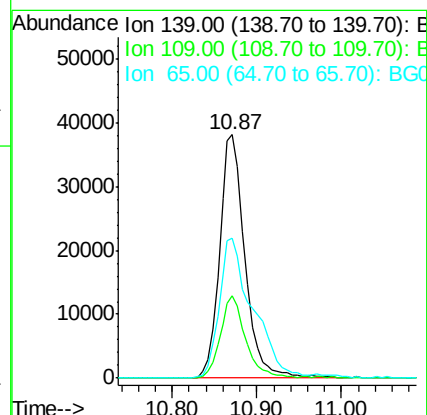
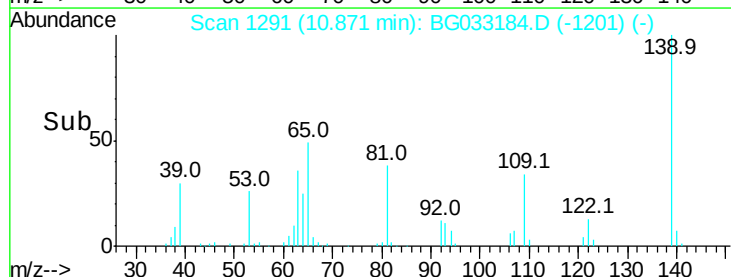
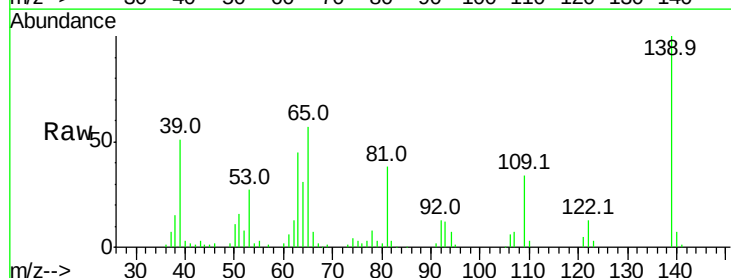
Tgt Ion:139 Resp: 79507

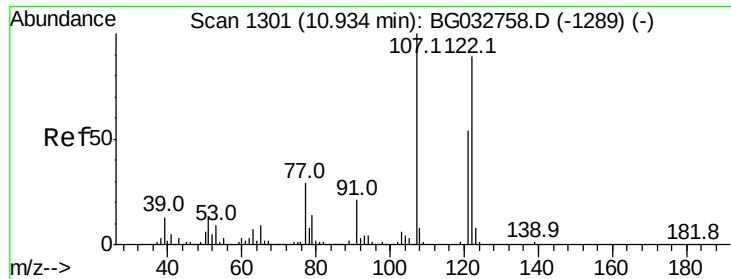
Ion Ratio Lower Upper

139 100

109 33.6 24.2 36.2

65 57.2 47.4 71.0

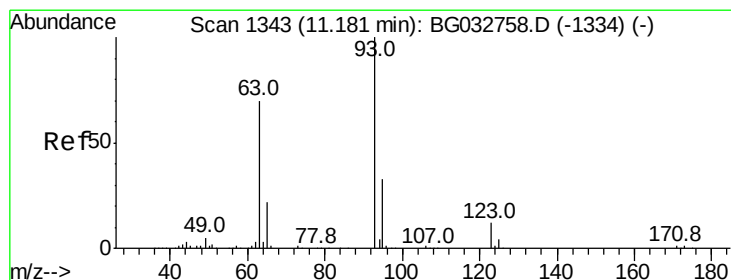
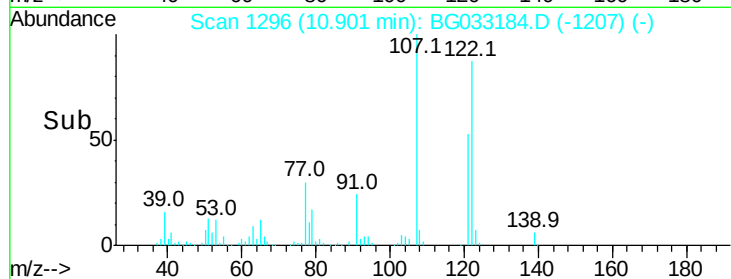
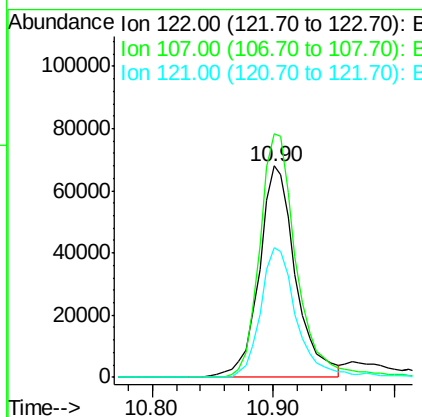
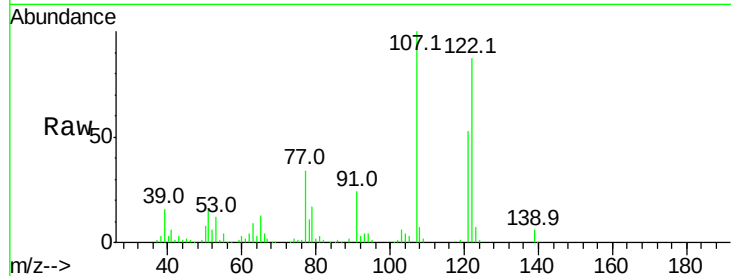




#27
2,4-Dimethylphenol
Concen: 54.790 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

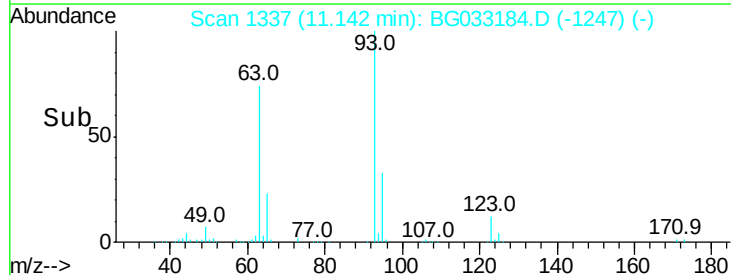
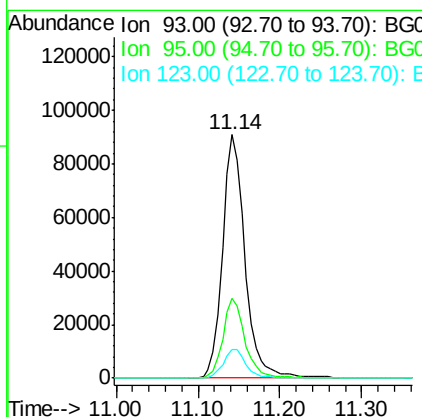
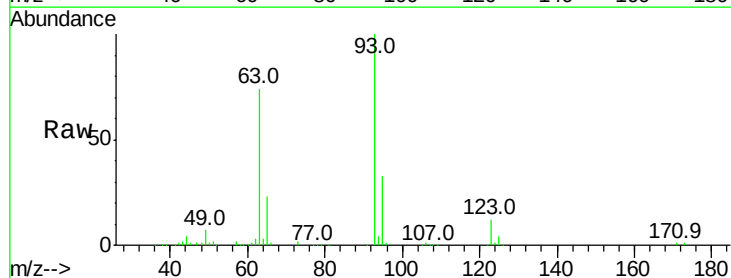
Instrument :
BNA_G
ClientSampled :

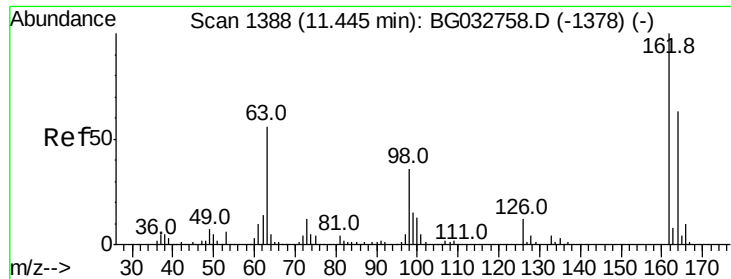
Tot Ion:122 Resp: 142527
Ion Ratio Lower Upper
122 100
107 115.1 100.2 150.2
121 61.2 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.719 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion: 93 Resp: 173441
Ion Ratio Lower Upper
93 100
95 32.5 24.3 36.5
123 11.9 8.4 12.6

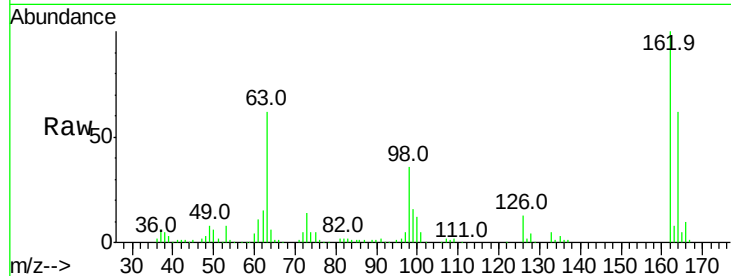




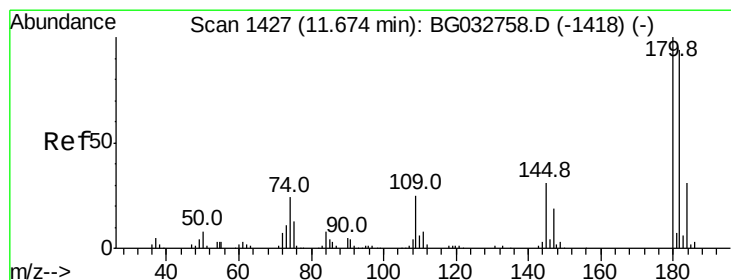
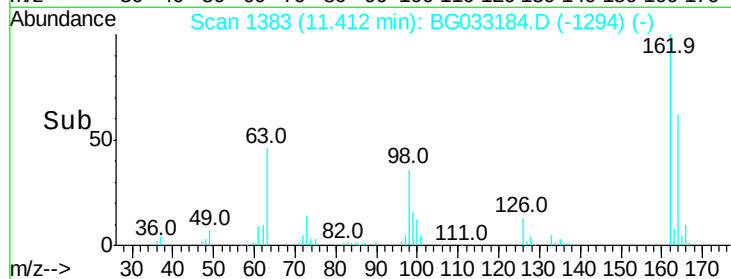
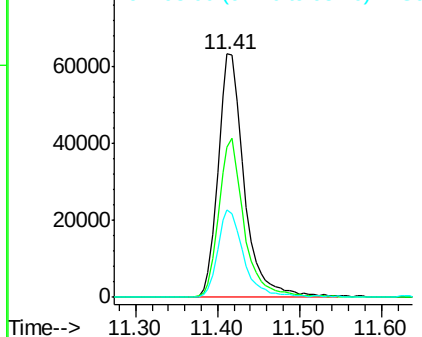
#29
 2,4-Dichlorophenol
 Concen: 59.746 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 141058
 Ion Ratio Lower Upper
 162 100
 164 61.5 48.0 88.0
 98 35.7 21.1 61.1

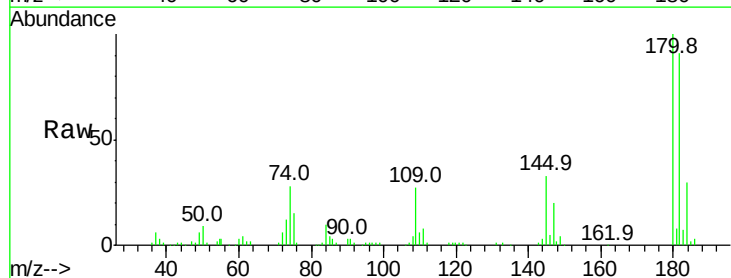


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

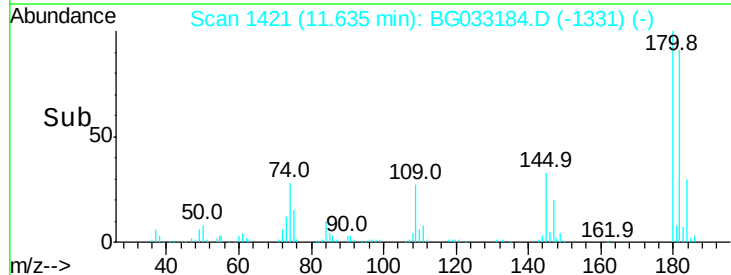
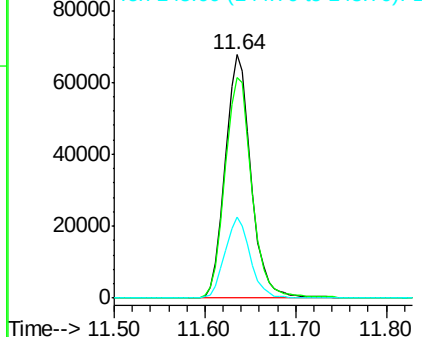


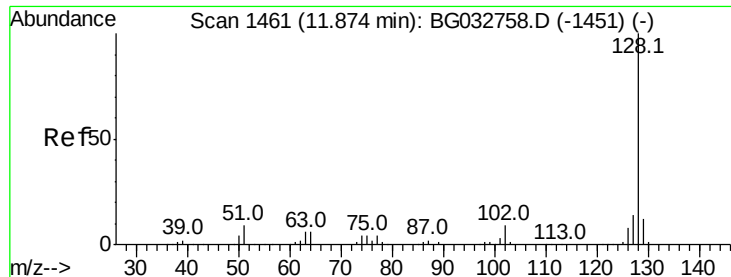
#30
 1,2,4-Trichlorobenzene
 Concen: 48.485 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:180 Resp: 134184
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.5 116.3
 145 33.4 23.4 35.2



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

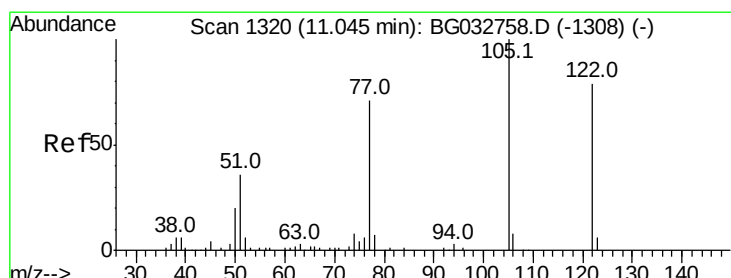
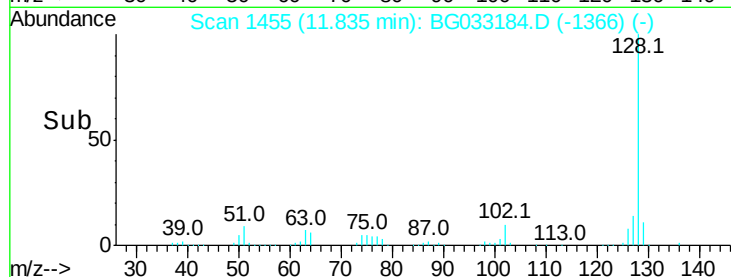
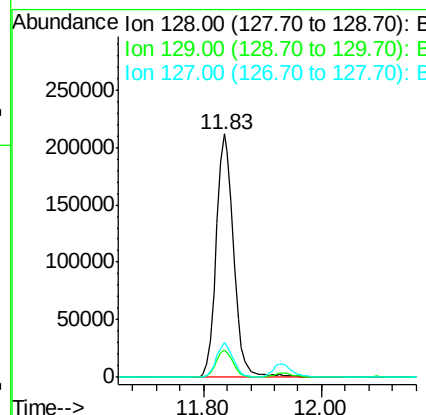
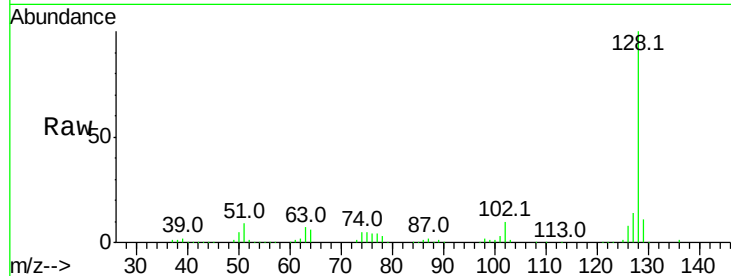




#31
Naphthalene
Concen: 48.635 ng
RT: 11.83 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

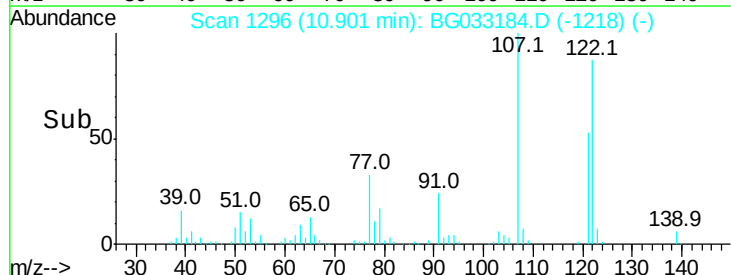
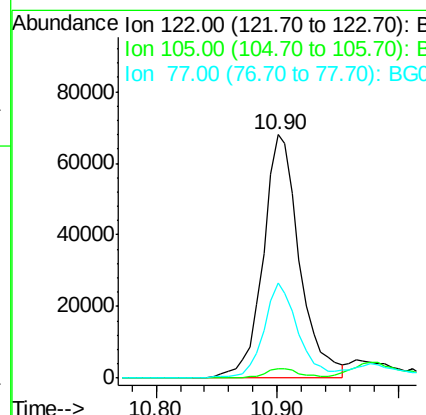
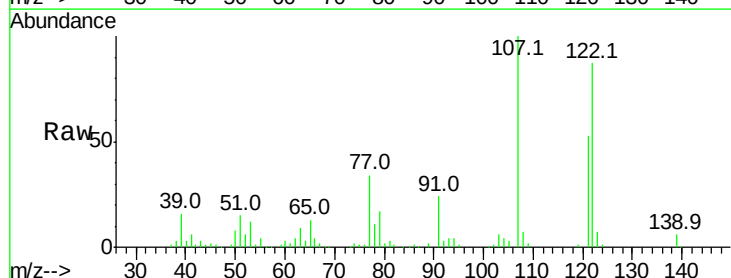
Instrument :
BNA_G
ClientSampleId :

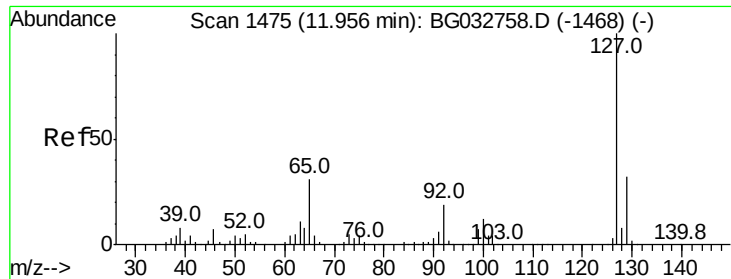
Tot Ion:128 Resp: 433575
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 72.265 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.07 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:122 Resp: 142527
Ion Ratio Lower Upper
122 100
105 4.0 123.5 163.5#
77 39.1 85.7 125.7#

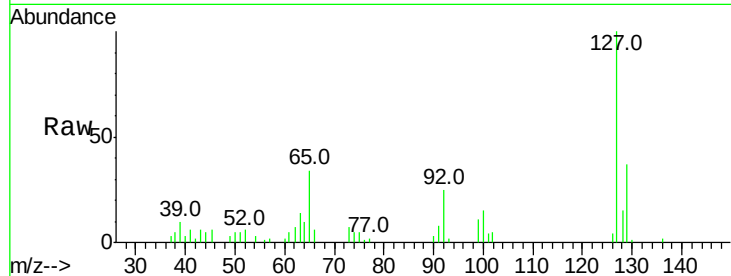




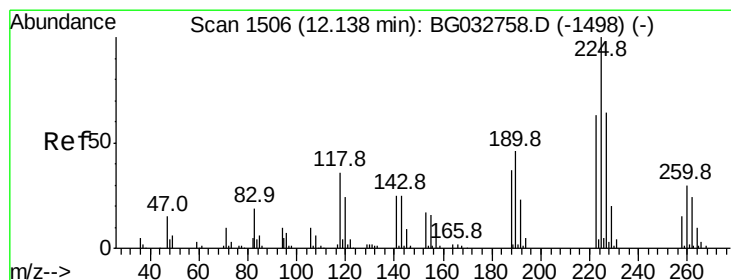
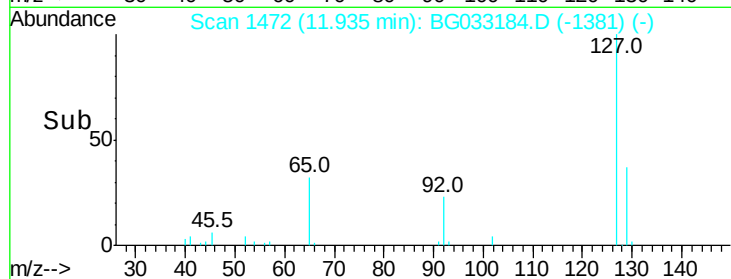
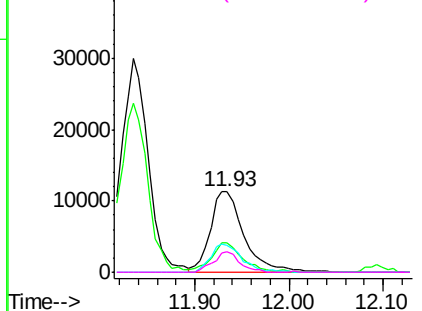
#33
4-Chloroaniline
Concen: 7.128 ng
RT: 11.93 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	28412
Ion	Ratio	Lower	Upper
127	100		
129	36.9	24.0	36.0#
65	34.2	27.0	40.4
92	24.9	16.6	25.0

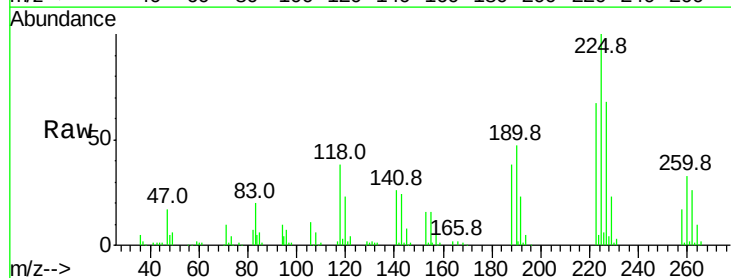


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

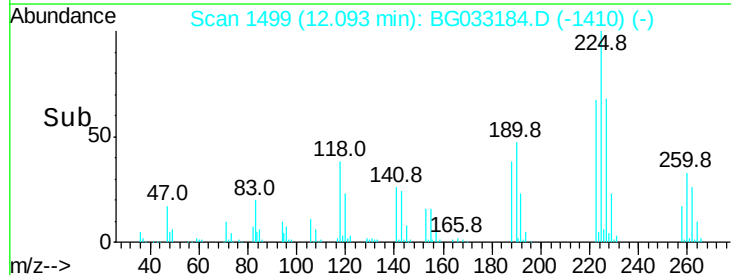
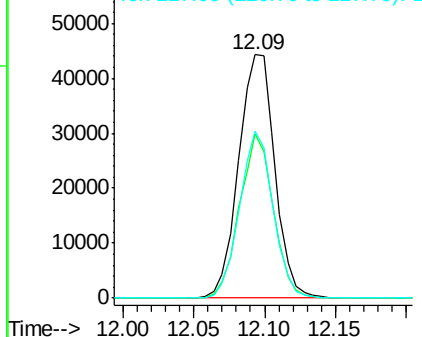


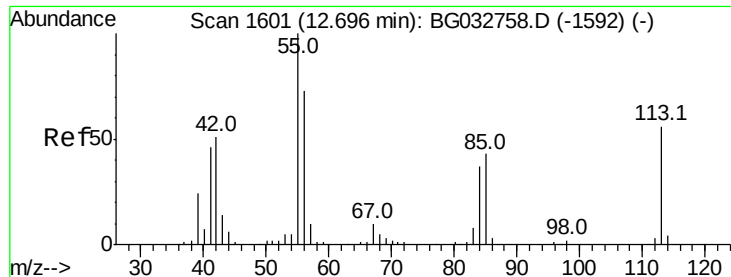
#34
Hexachlorobutadiene
Concen: 51.151 ng
RT: 12.09 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:	225	Resp:	79405
Ion	Ratio	Lower	Upper
225	100		
223	67.5	49.7	74.5
227	68.3	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: 41.598 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

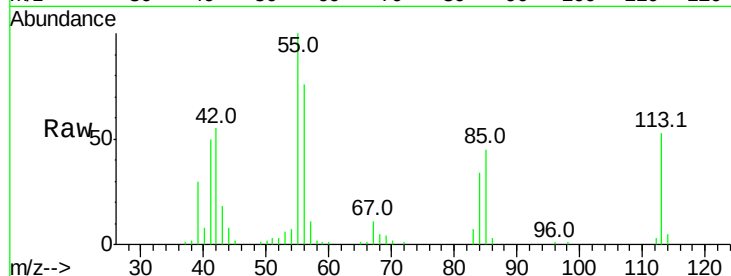
Tot Ion:113 Resp: 39325

Ion Ratio Lower Upper

113 100

55 189.6 186.9 226.9

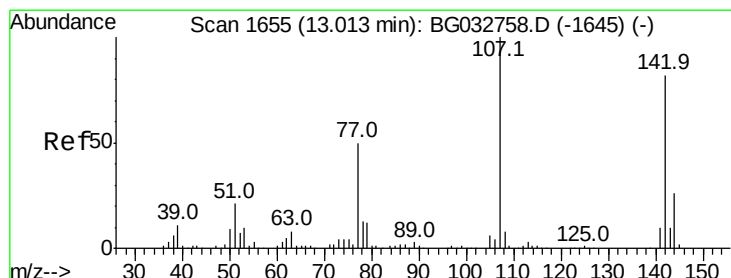
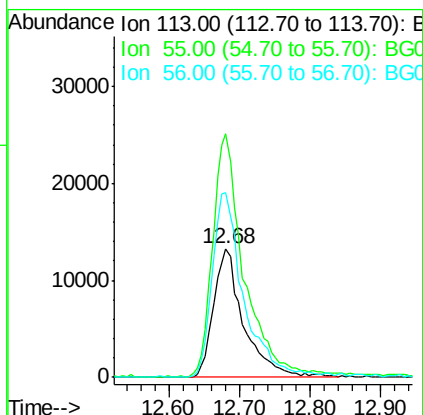
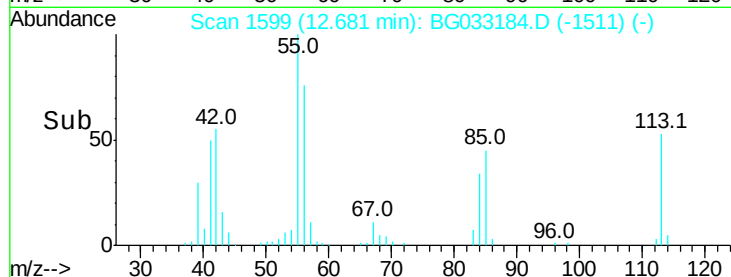
56 144.3 130.9 170.9



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: 60.443 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

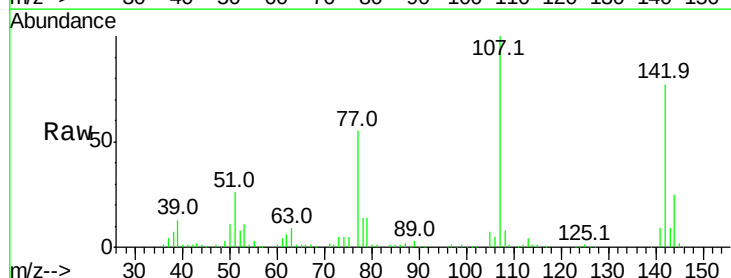
Tgt Ion:107 Resp: 166066

Ion Ratio Lower Upper

107 100

144 24.6 18.2 27.4

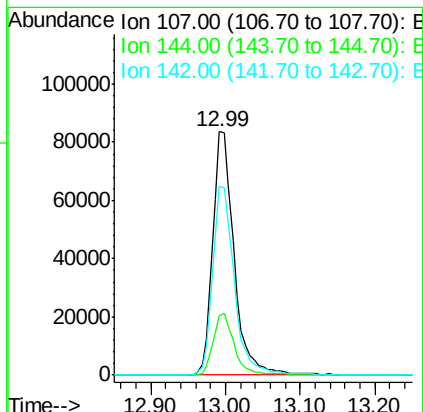
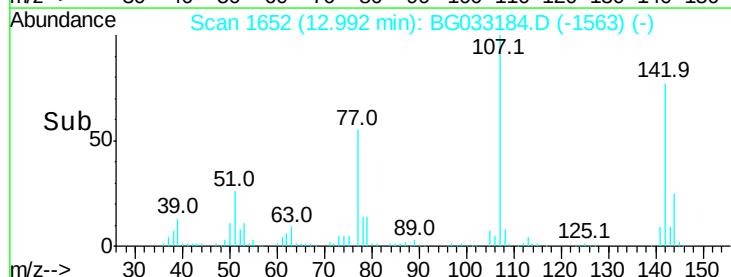
142 77.5 59.0 88.4

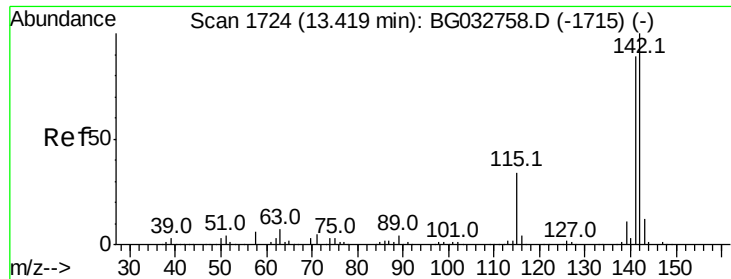


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

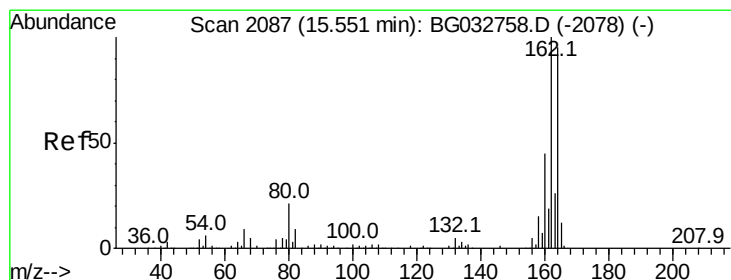
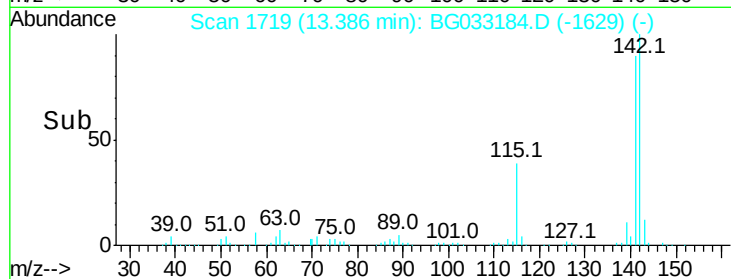
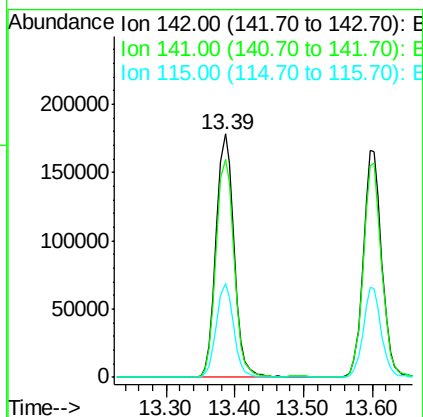
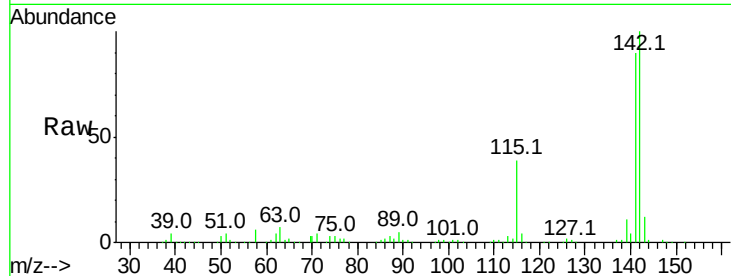




#37
 2-Methylnaphthalene
 Concen: 50.014 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

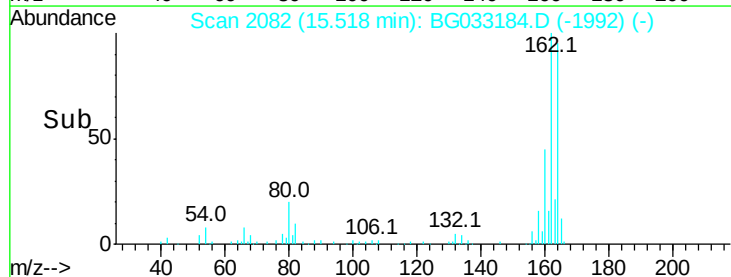
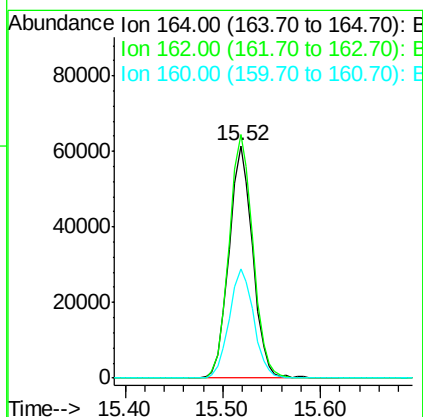
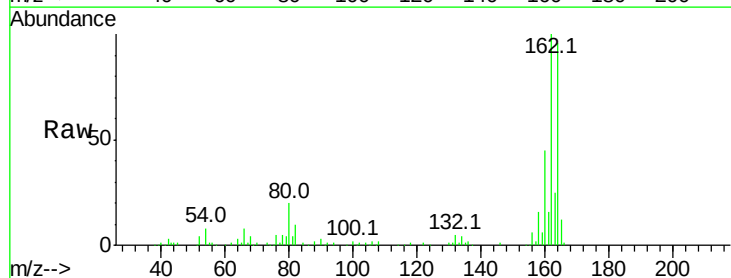
Instrument :
 BNA_G
 ClientSampleId :

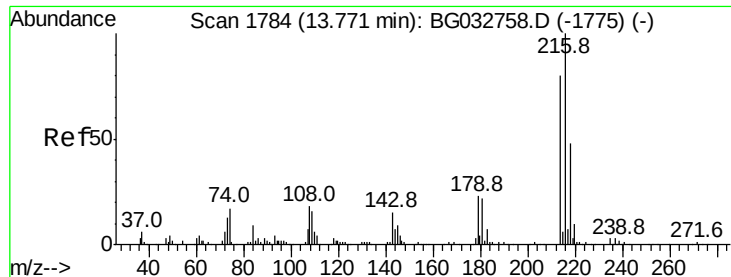
Tot Ion:142 Resp: 322576
 Ion Ratio Lower Upper
 142 100
 141 89.6 67.1 100.7
 115 38.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:164 Resp: 103308
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 47.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.754 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 152583

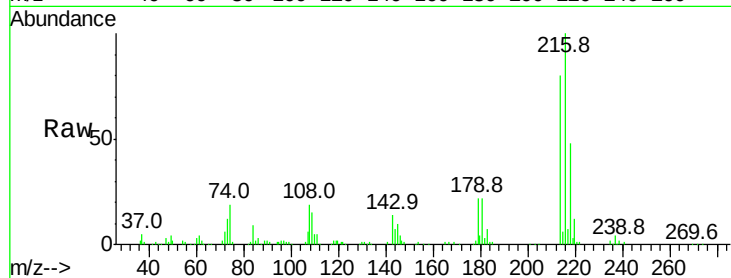
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.7 17.0 25.6

108 21.6 12.8 19.2#

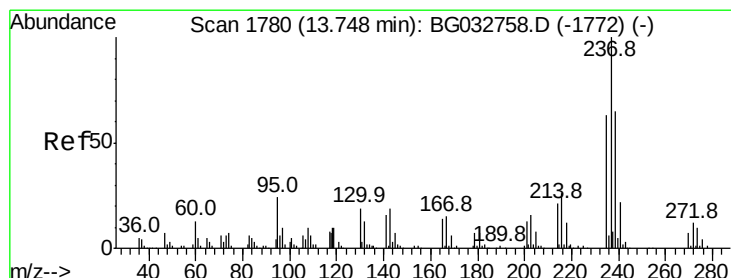
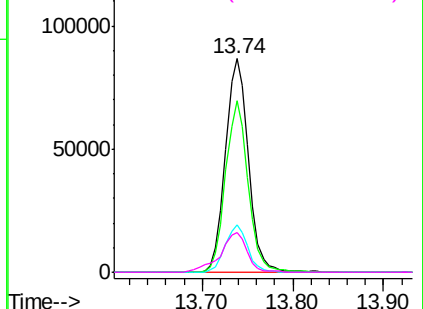
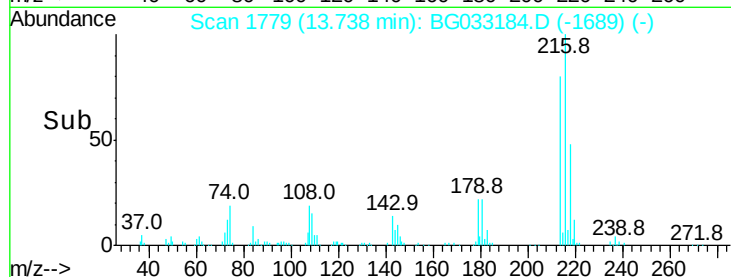


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.880 ng

RT: 13.71 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

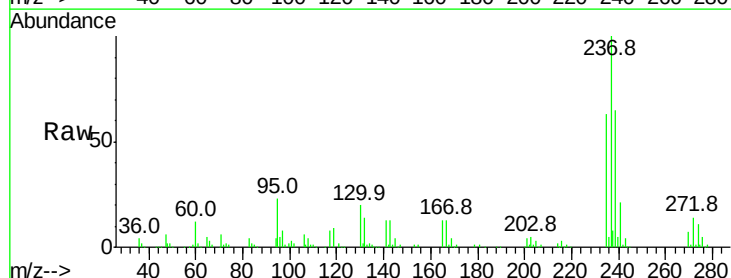
Tgt Ion:237 Resp: 149853

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

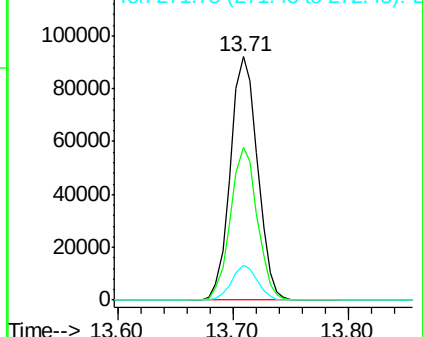
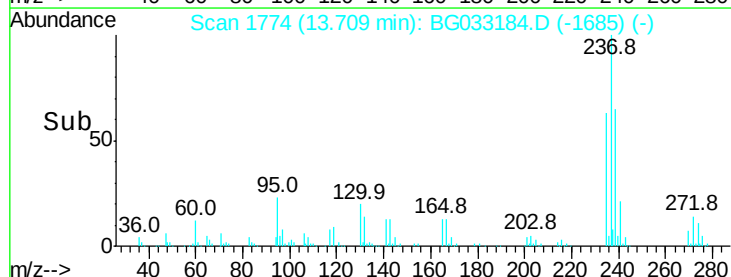
272 14.3 0.0 31.8

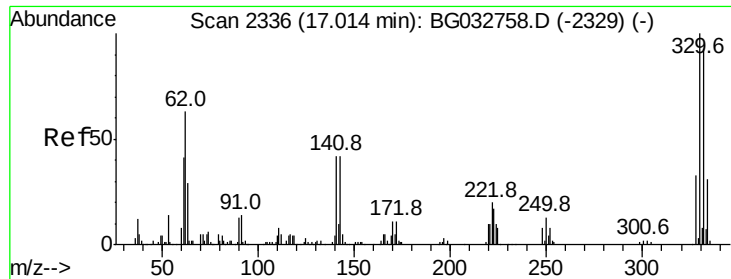


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

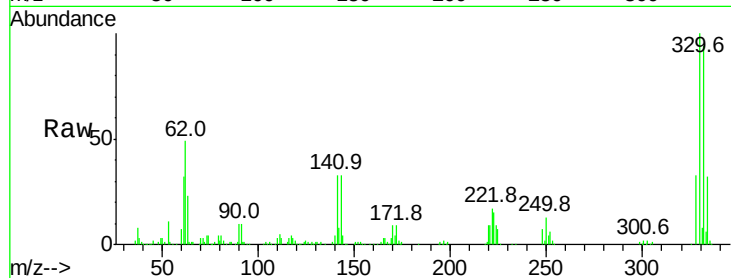




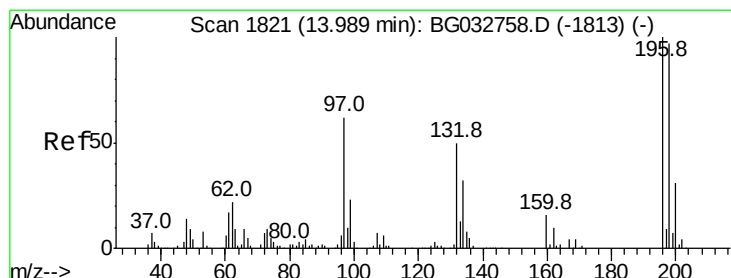
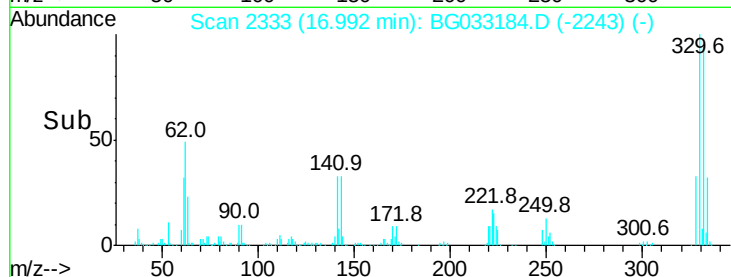
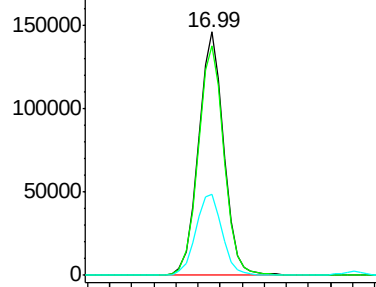
#41
 2,4,6-Tribromophenol
 Concen: 214.656 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.0	25.2	37.8

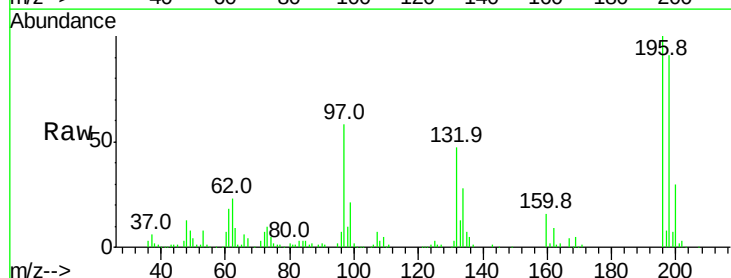


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

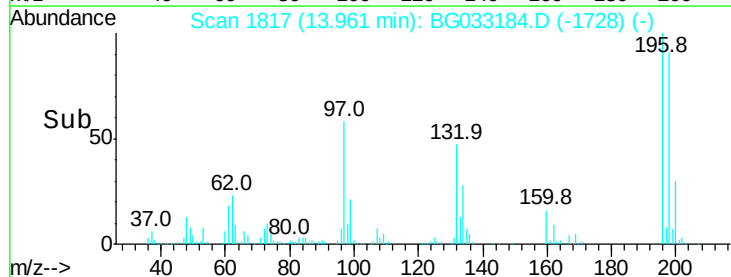
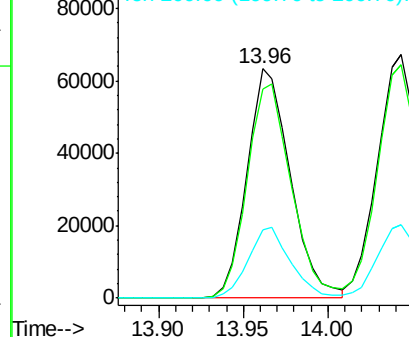


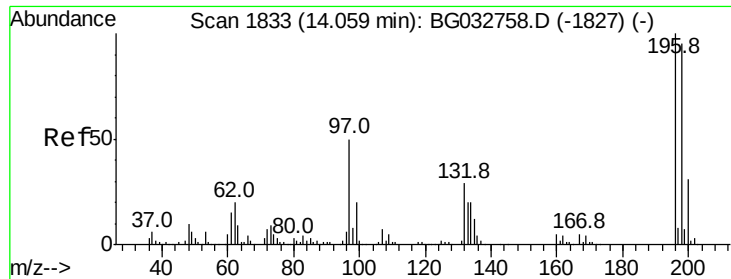
#42
 2,4,6-Trichlorophenol
 Concen: 58.408 ng
 RT: 13.96 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.1	78.2	117.2
200	30.0	24.6	36.8



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

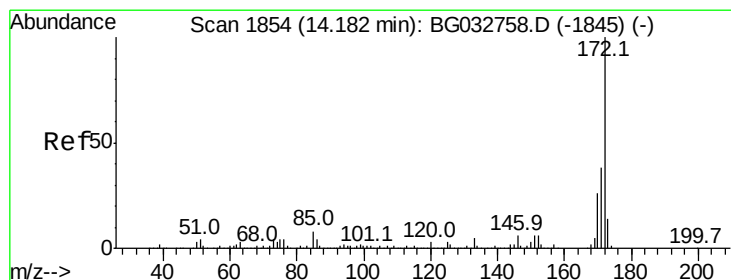
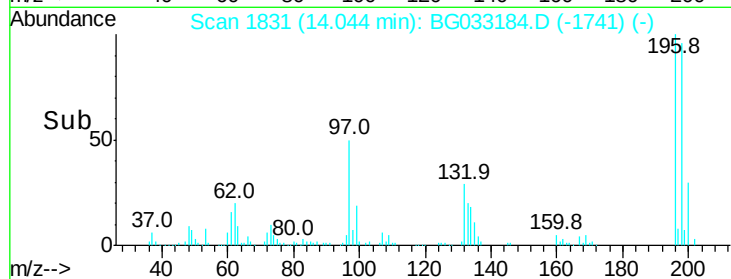
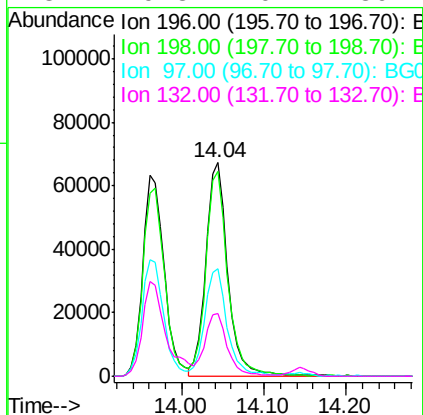
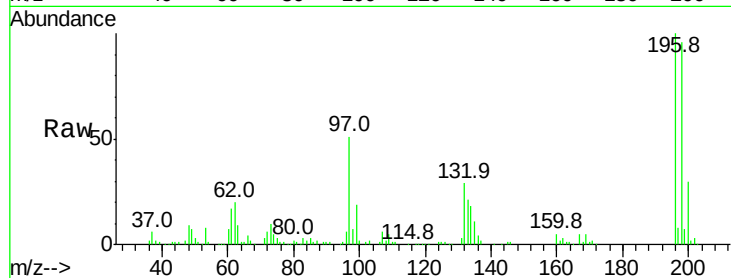




#43
 2,4,5-Trichlorophenol
 Concen: 56.533 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

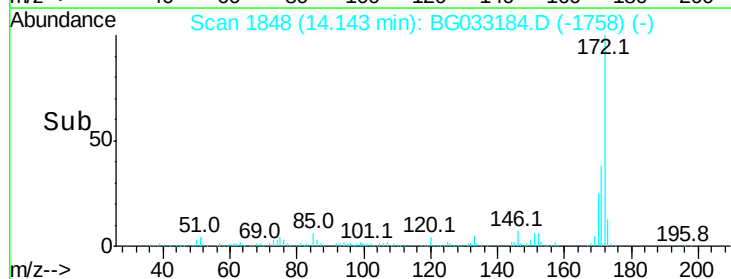
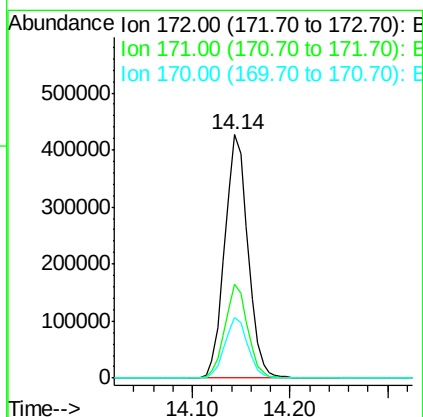
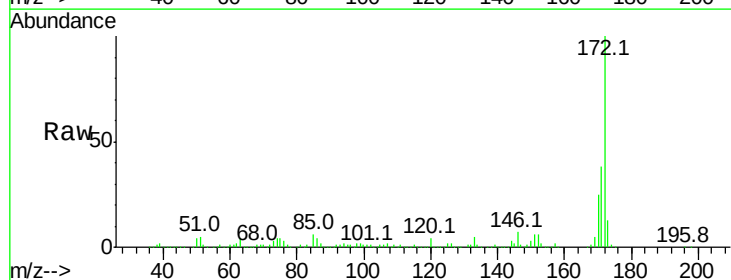
Instrument :
 BNA_G
 ClientSampled :

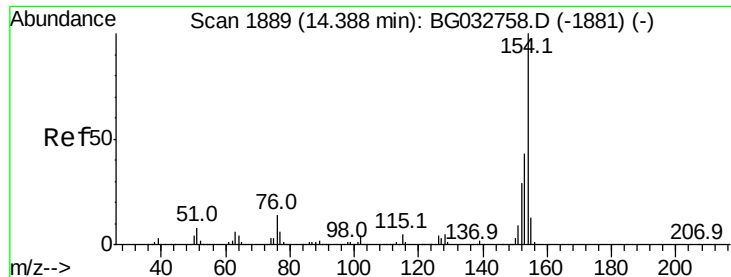
Tot Ion:	196	Resp:	126541
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.4
97	50.6	38.7	58.1
132	29.3	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 98.682 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:	172	Resp:	706855
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 45.230 ng

RT: 14.35 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

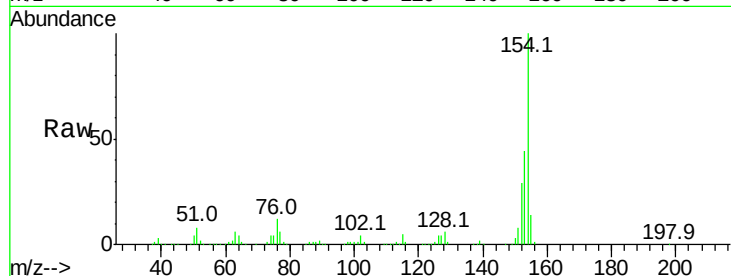
Tot Ion:154 Resp: 408312

Ion Ratio Lower Upper

154 100

153 43.7 19.8 59.8

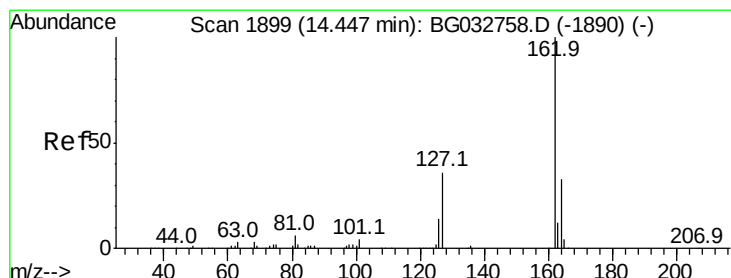
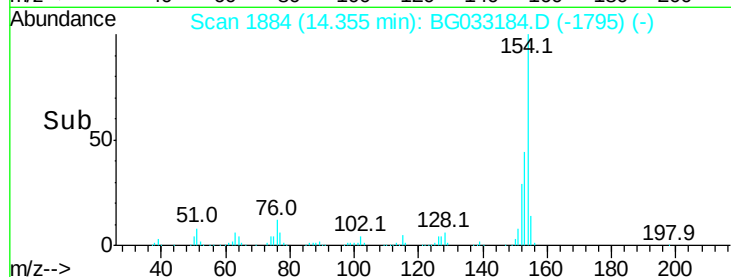
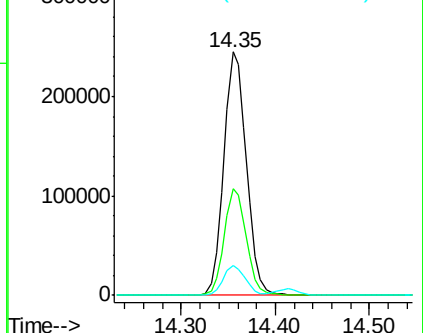
76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 46.708 ng

RT: 14.41 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

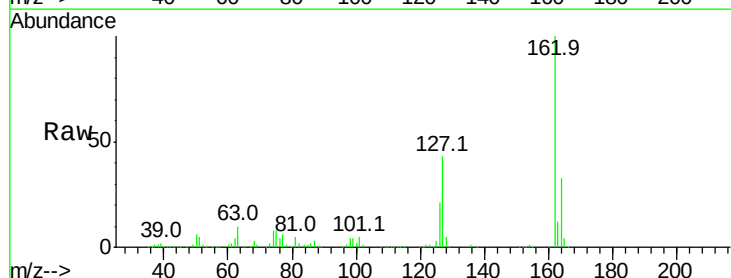
Tgt Ion:162 Resp: 314978

Ion Ratio Lower Upper

162 100

127 43.3 30.7 46.1

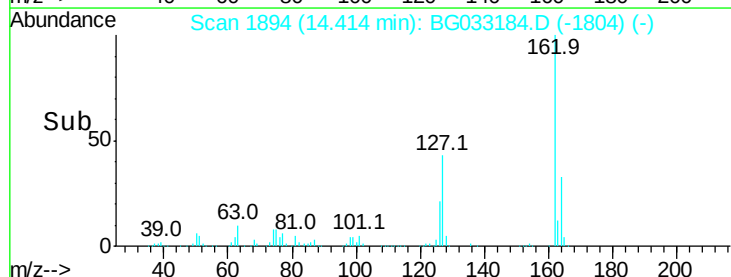
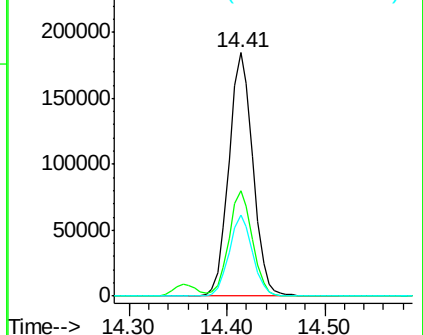
164 33.3 26.0 39.0

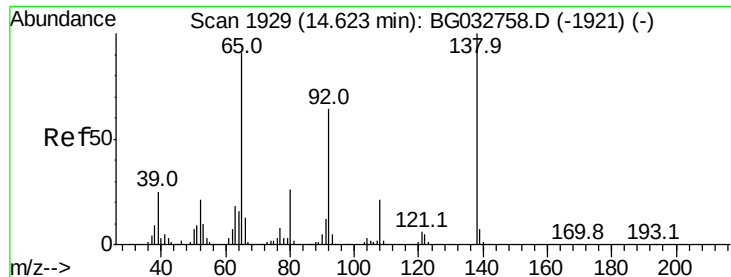


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

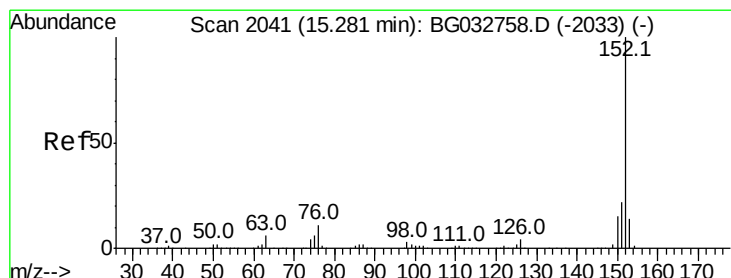
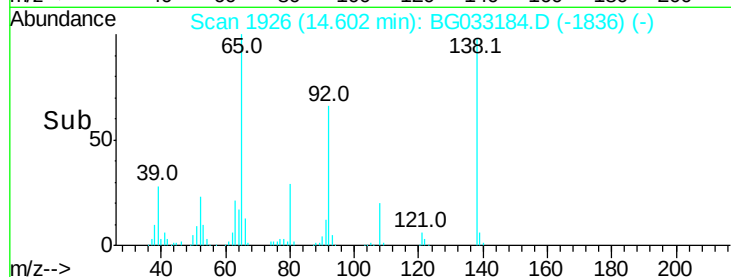
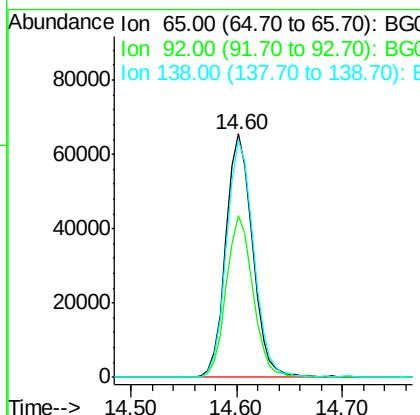
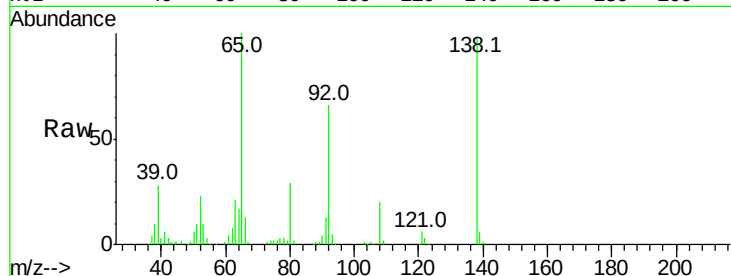




#47
2-Nitroaniline
Concen: 63.577 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

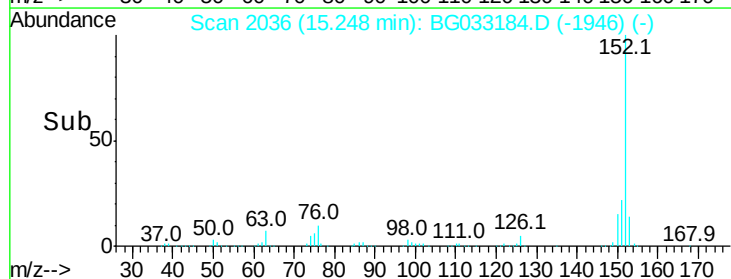
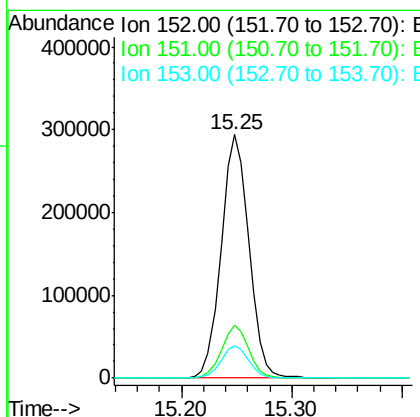
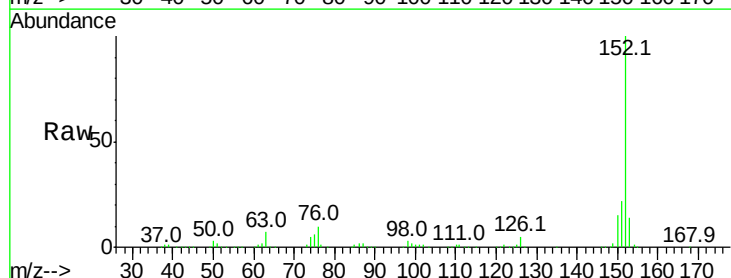
Instrument :
BNA_G
ClientSampleId :

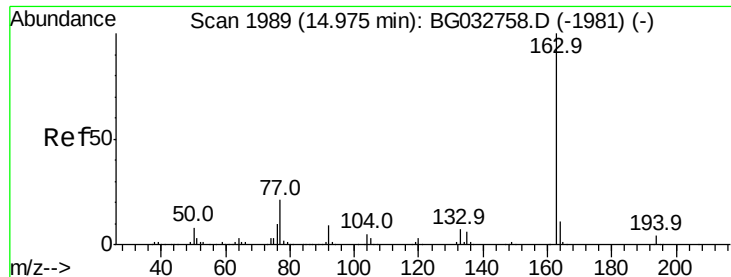
Tot Ion: 65 Resp: 114951
Ion Ratio Lower Upper
65 100
92 66.4 54.6 82.0
138 97.5 72.9 109.3



#48
Acenaphthylene
Concen: 46.354 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion: 152 Resp: 511779
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 47.837 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

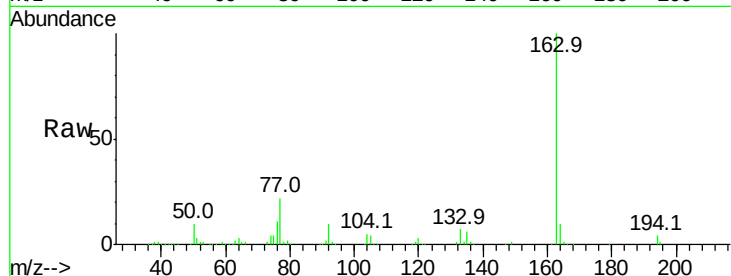
Tot Ion:163 Resp: 419619

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

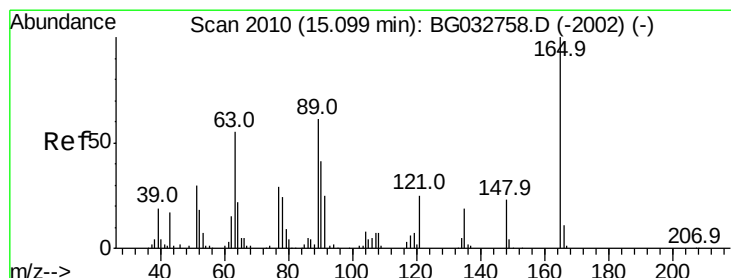
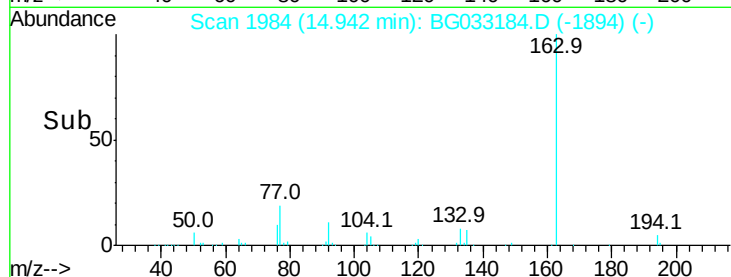
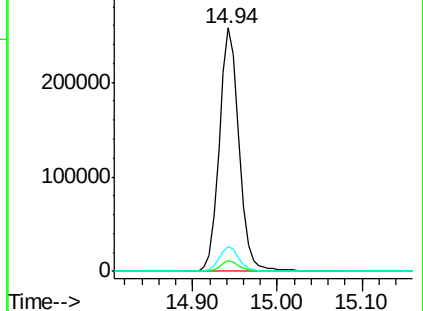
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 60.097 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

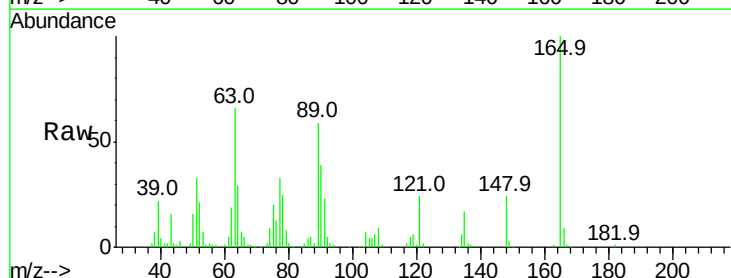
Tgt Ion:165 Resp: 91251

Ion Ratio Lower Upper

165 100

63 66.2 52.7 79.1

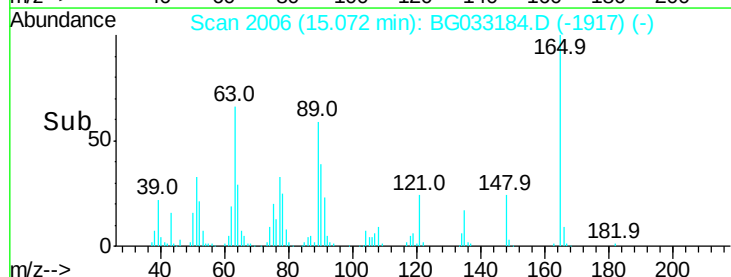
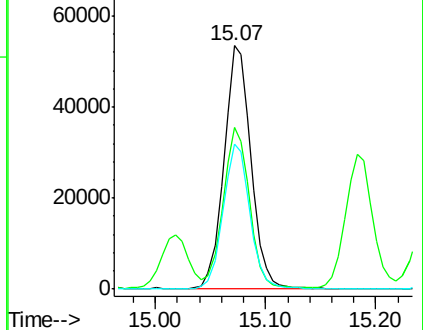
89 59.3 49.2 73.8

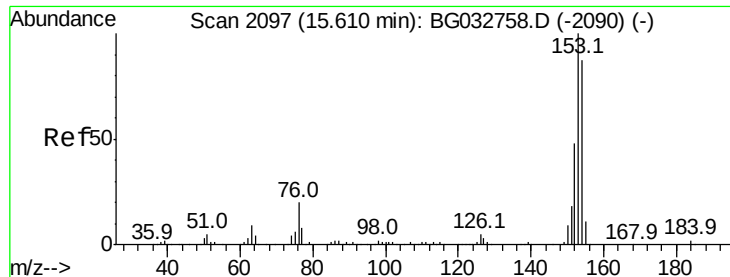


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 46.656 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

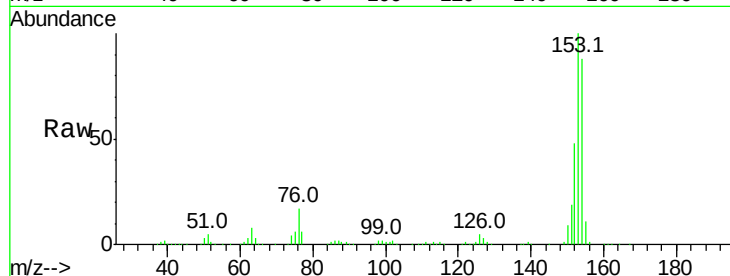
Tot Ion:154 Resp: 320804

Ion Ratio Lower Upper

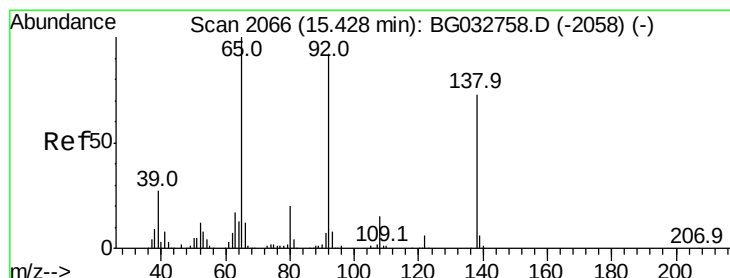
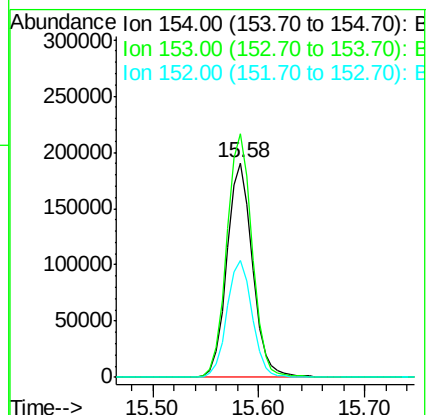
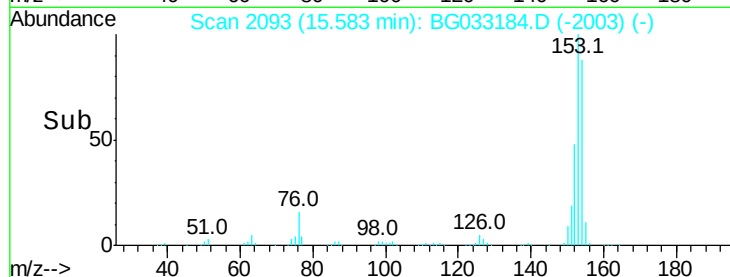
154 100

153 113.6 90.4 135.6

152 54.6 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: 20.825 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

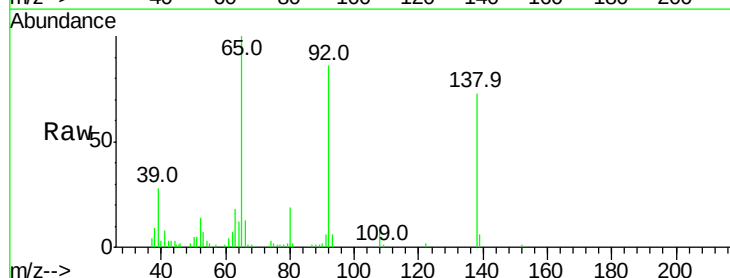
Tgt Ion:138 Resp: 28304

Ion Ratio Lower Upper

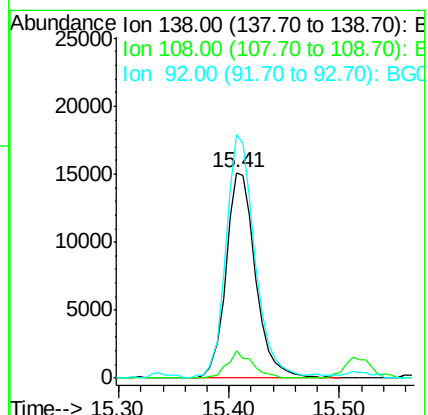
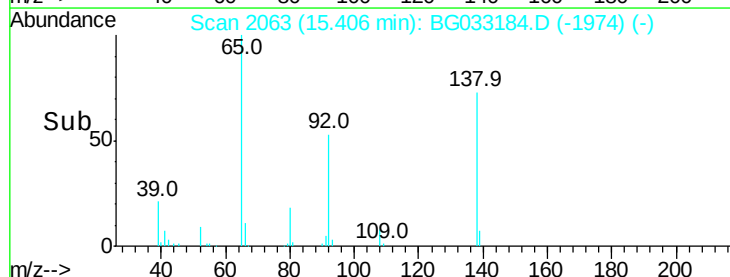
138 100

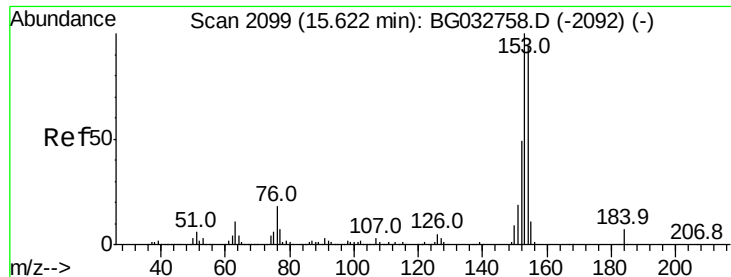
108 13.3 17.5 26.3#

92 118.4 105.8 158.8



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

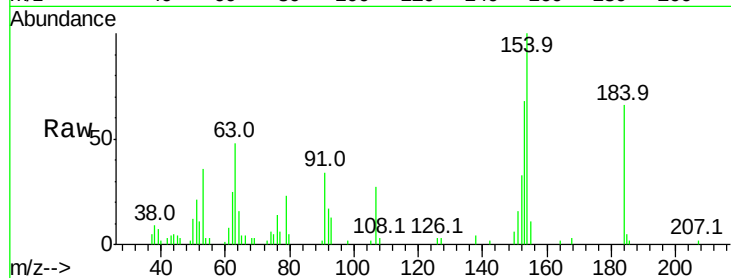




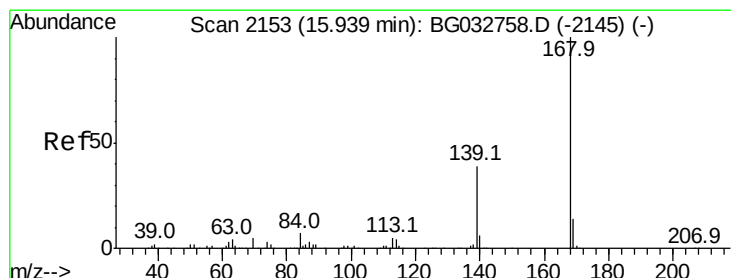
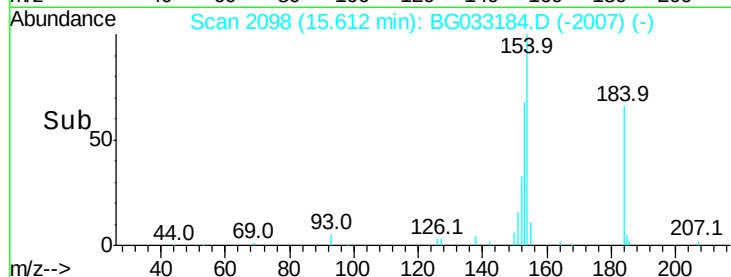
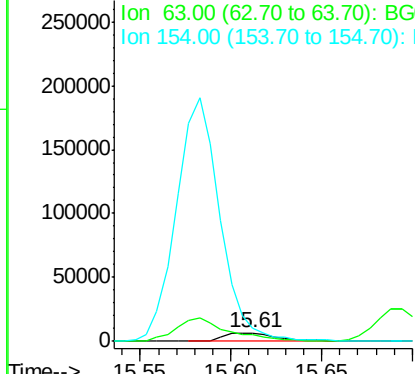
#53
 2,4-Dinitrophenol
 Concen: 37.525 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 13337
 Ion Ratio Lower Upper
 184 100
 63 73.6 59.8 89.8
 154 151.8 101.8 152.8

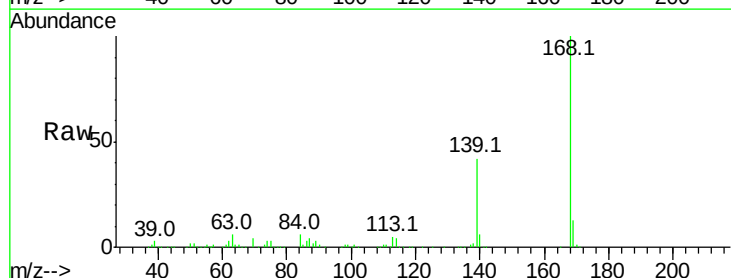


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

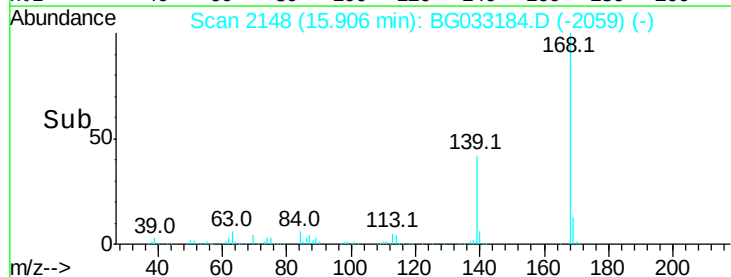
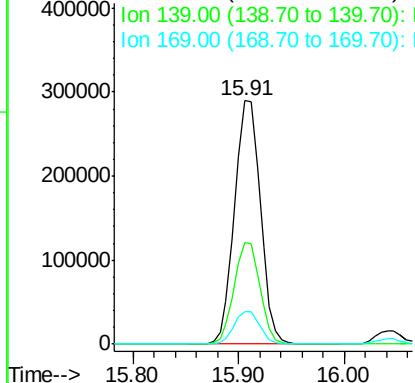


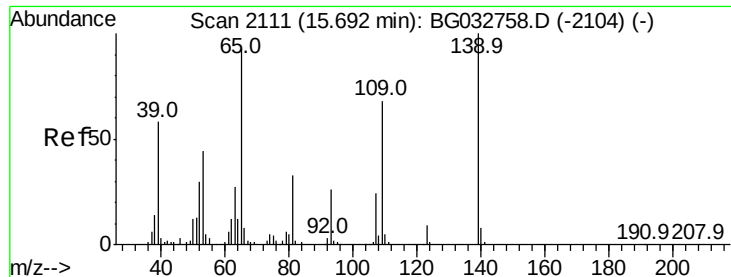
#54
 Dibenzofuran
 Concen: 50.106 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:168 Resp: 490562
 Ion Ratio Lower Upper
 168 100
 139 41.8 28.6 43.0
 169 13.1 11.2 16.8



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

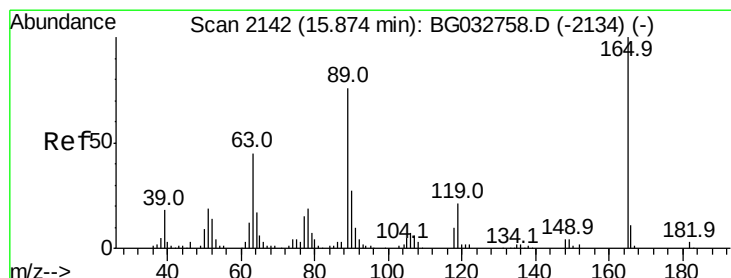
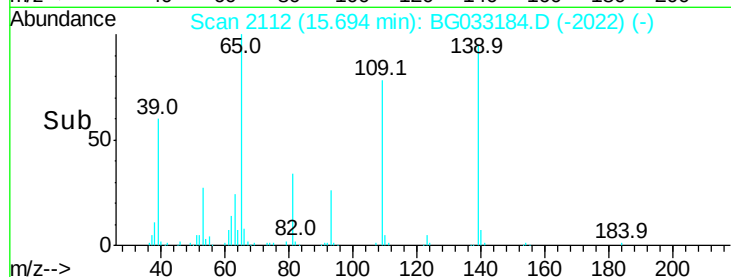
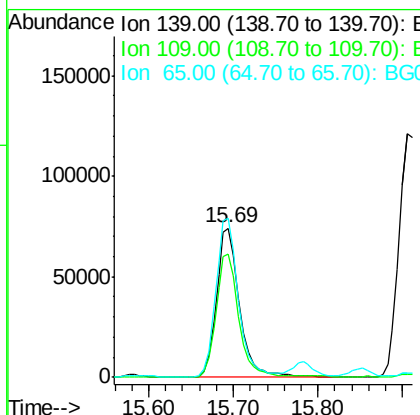
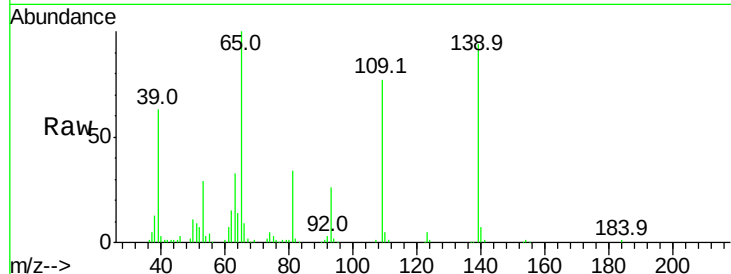




#55
4-Nitrophenol
Concen: 96.887 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

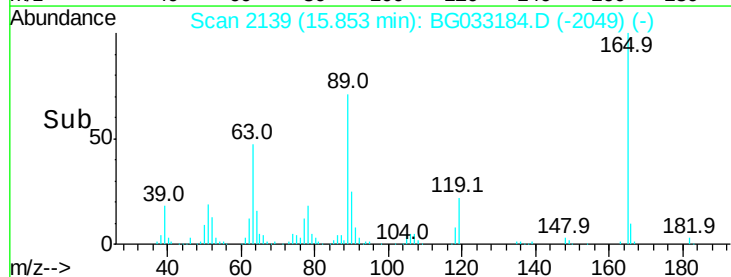
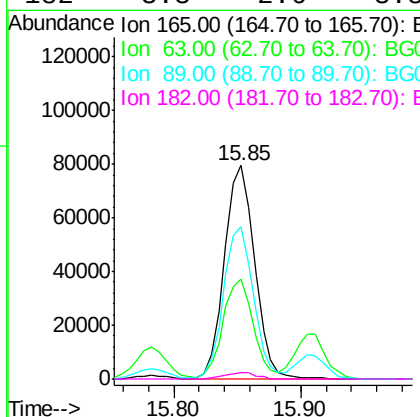
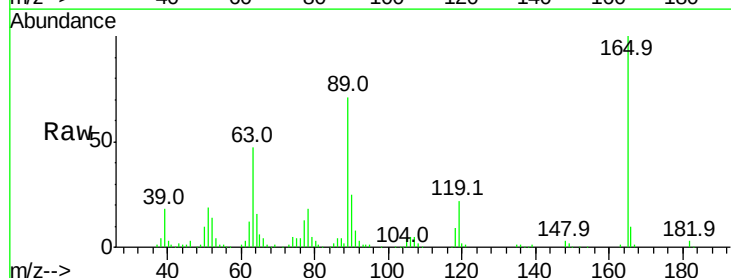
Instrument :
BNA_G
ClientSampleId :

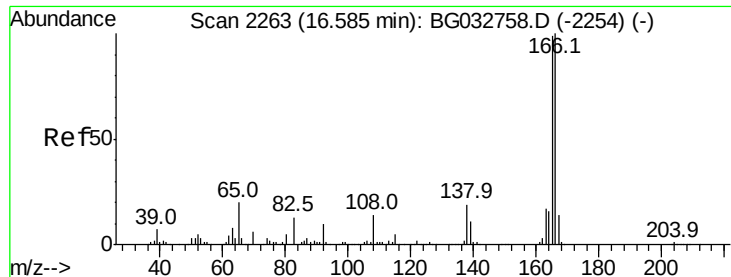
Tot Ion:139 Resp: 141528
Ion Ratio Lower Upper
139 100
109 82.2 62.2 102.2
65 106.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 68.984 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:165 Resp: 131514
Ion Ratio Lower Upper
165 100
63 47.0 42.0 63.0
89 71.2 66.9 100.3
182 3.3 2.6 3.8





#57

Fluorene

Concen: 48.203 ng

RT: 16.55 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

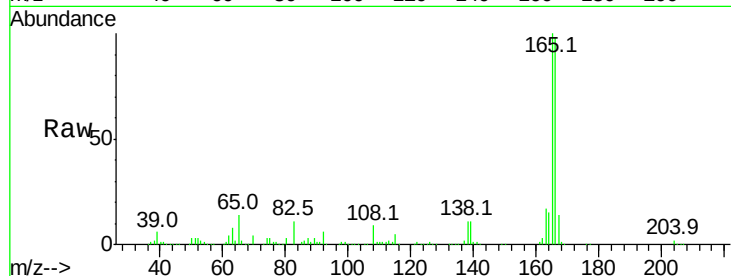
Tot Ion:166 Resp: 389514

Ion Ratio Lower Upper

166 100

165 101.5 80.6 121.0

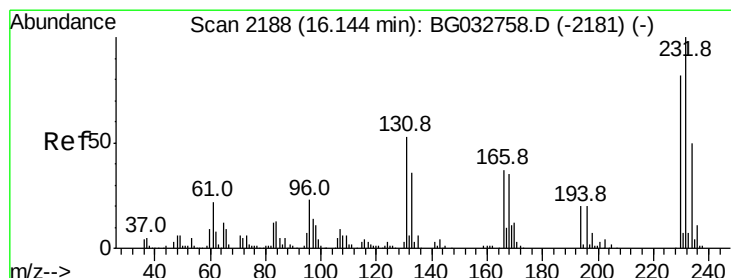
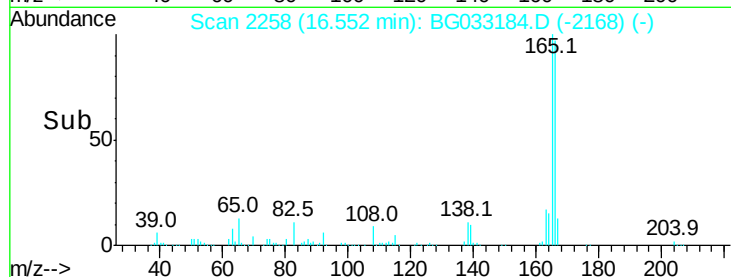
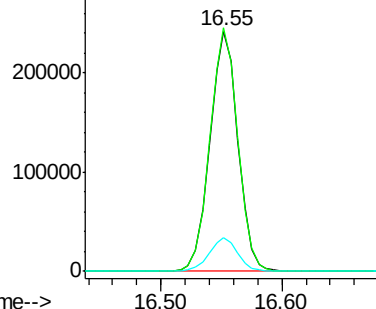
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 65.837 ng

RT: 16.12 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Tgt Ion:232 Resp: 114415

Ion Ratio Lower Upper

232 100

131 48.4 33.5 50.3

130 2.9 2.2 3.2

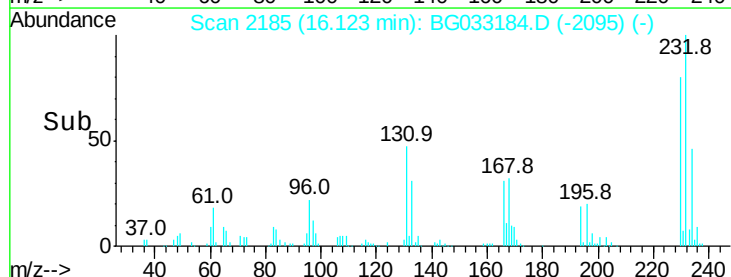
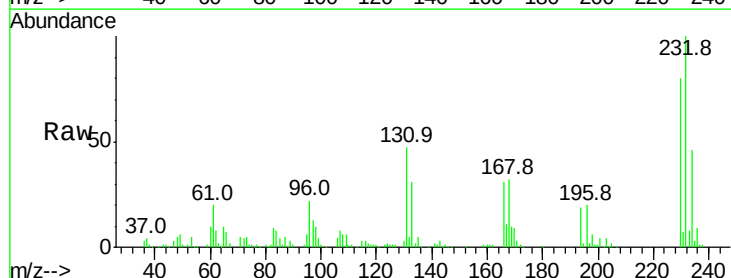
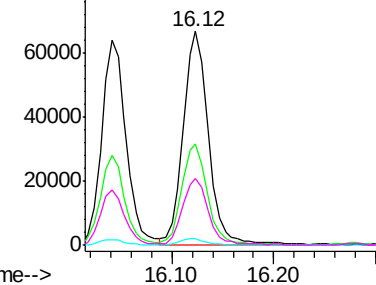
166 31.6 24.8 37.2

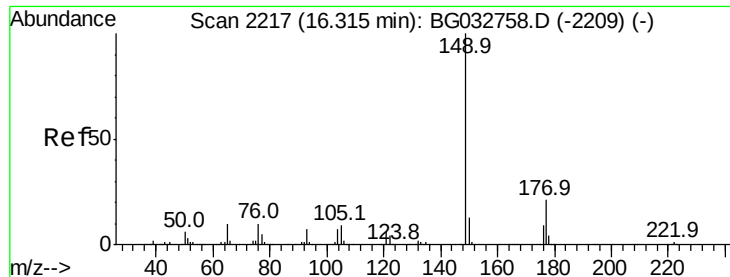
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

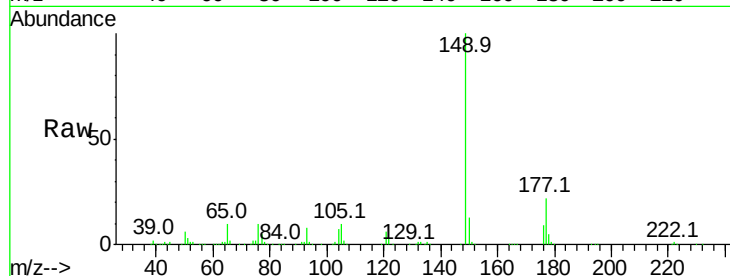




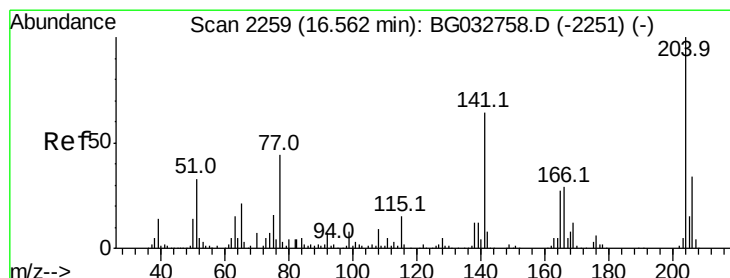
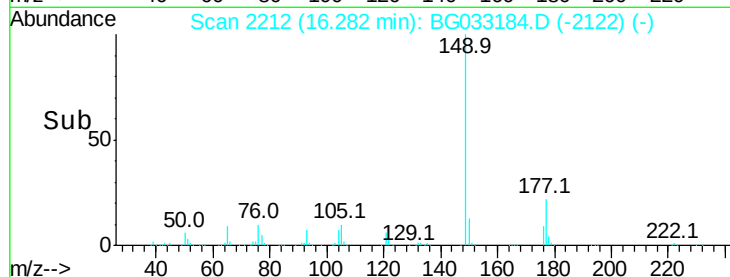
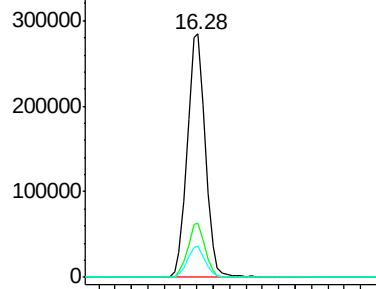
#59
Diethylphthalate
Concen: 47.486 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 439338
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.6 10.2 15.2

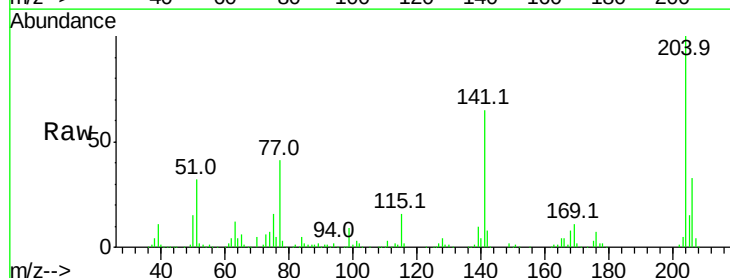


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

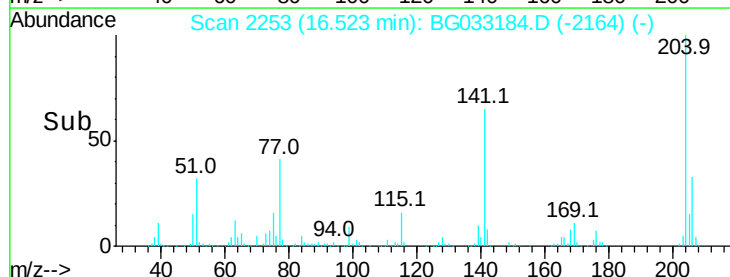
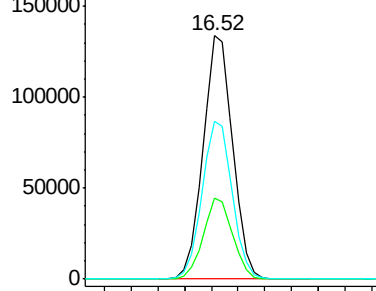


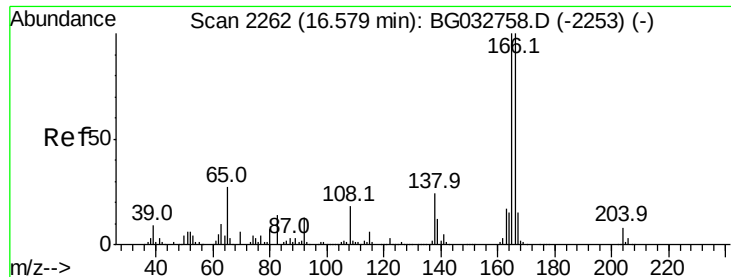
#60
4-Chlorophenyl-phenylether
Concen: 52.096 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:204 Resp: 205935
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 65.0 45.8 68.6



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

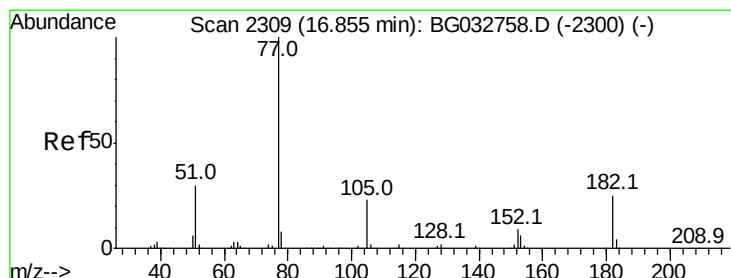
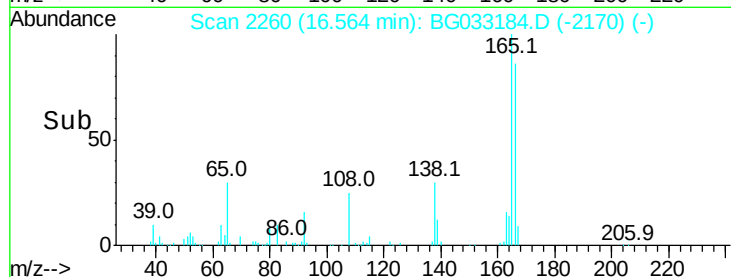
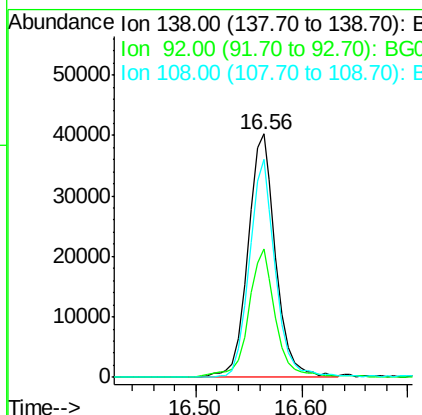
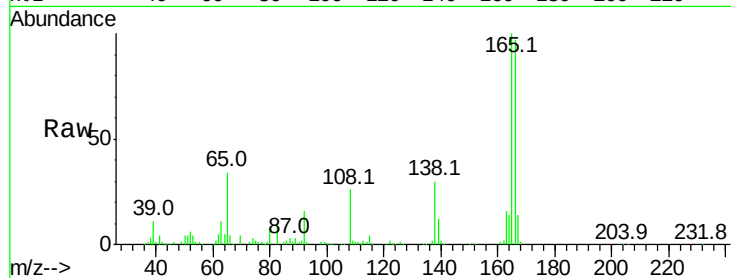




#61
4-Nitroaniline
Concen: 39.668 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

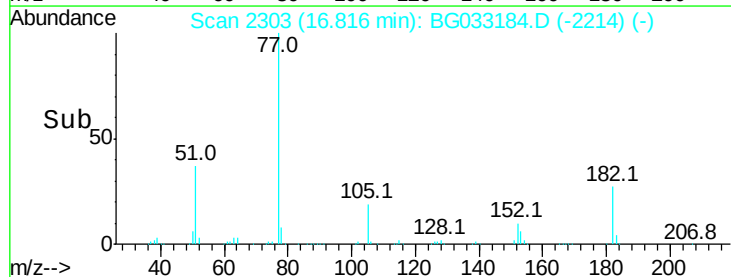
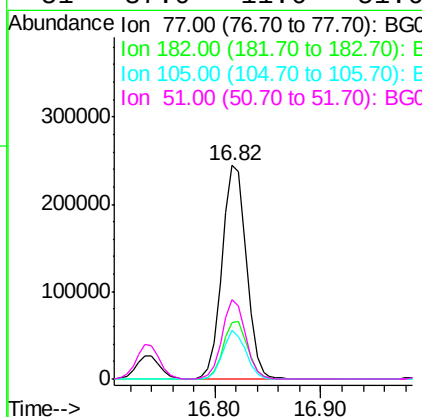
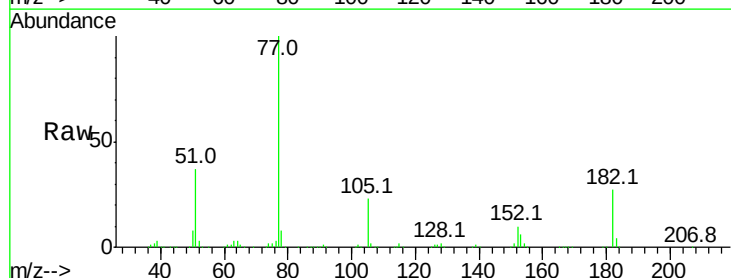
Instrument :
BNA_G
ClientSampled :

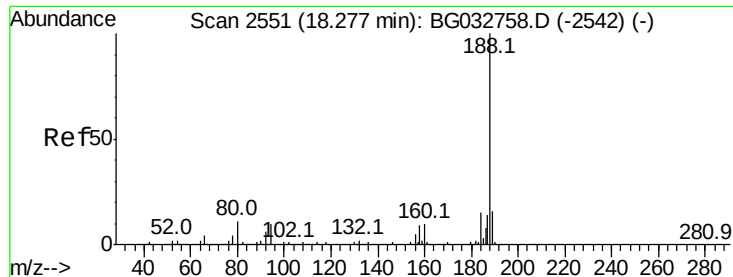
Tot Ion:138 Resp: 73364
Ion Ratio Lower Upper
138 100
92 52.8 40.1 80.1
108 89.3 65.4 105.4



#62
Azobenzene
Concen: 47.201 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion: 77 Resp: 390679
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 22.6 0.3 40.3
51 37.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

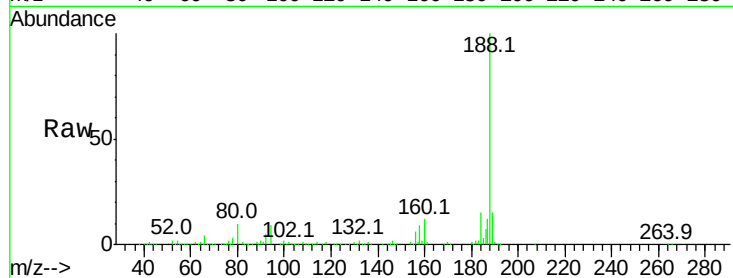
Tot Ion:188 Resp: 233073

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

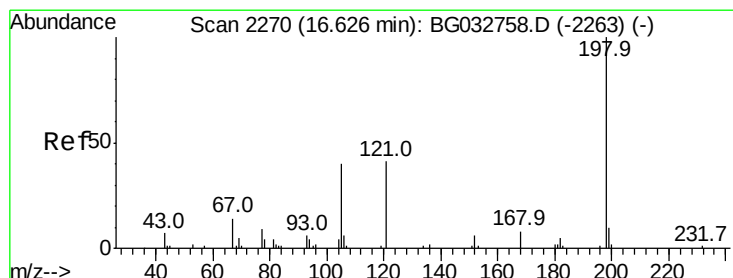
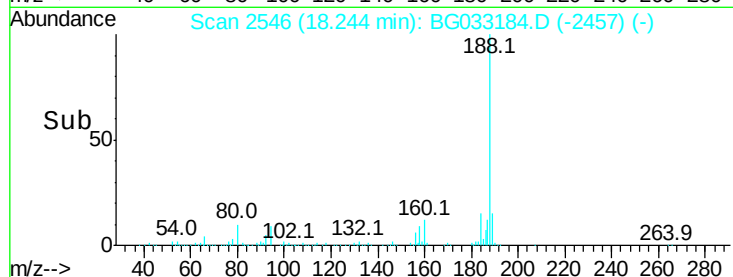
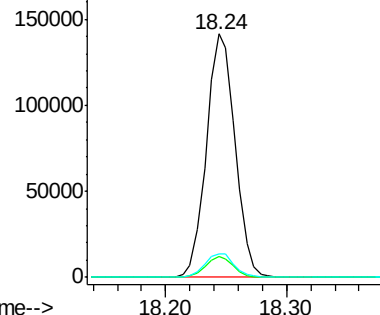
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.438 ng

RT: 16.60 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

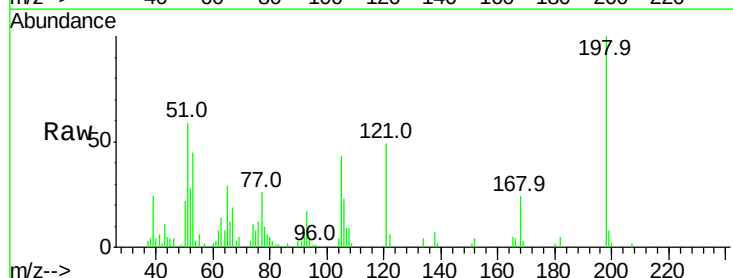
Tgt Ion:198 Resp: 21149

Ion Ratio Lower Upper

198 100

51 58.9 30.6 70.6

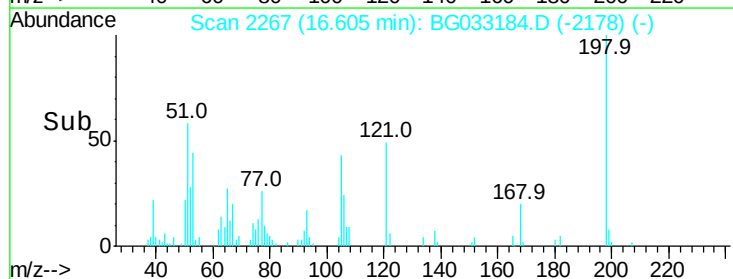
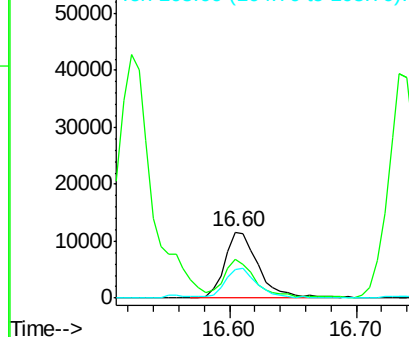
105 42.8 23.8 63.8

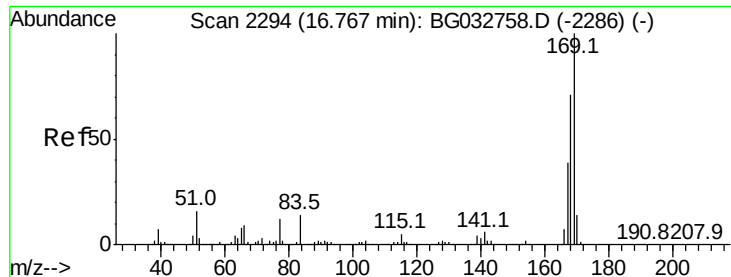


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.184 ng

RT: 16.74 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

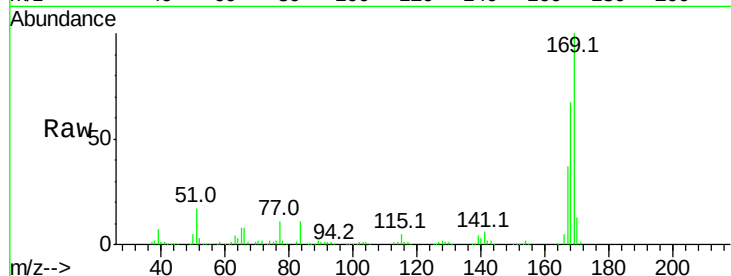
Tot Ion:169 Resp: 365339

Ion Ratio Lower Upper

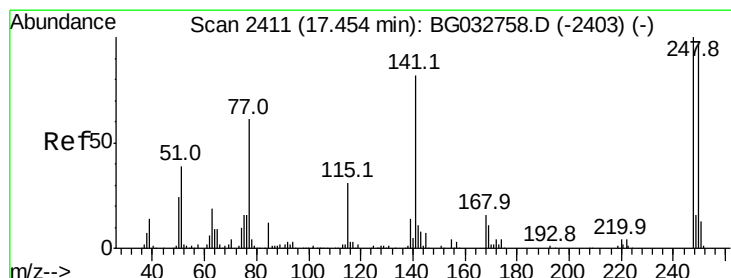
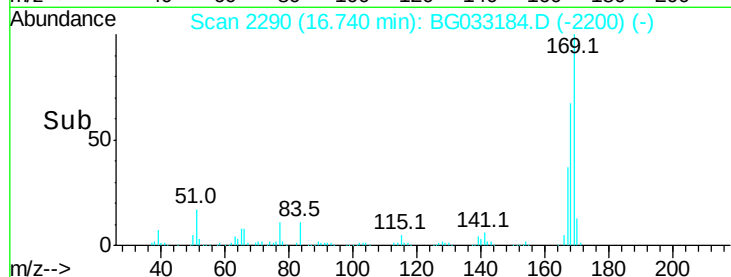
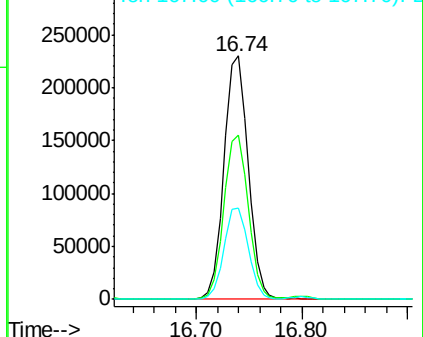
169 100

168 67.2 55.7 83.5

167 37.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.669 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

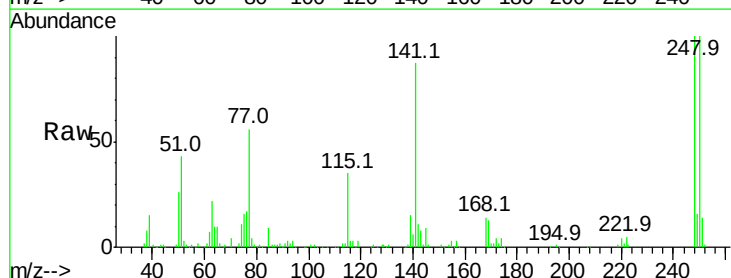
Tgt Ion:248 Resp: 132268

Ion Ratio Lower Upper

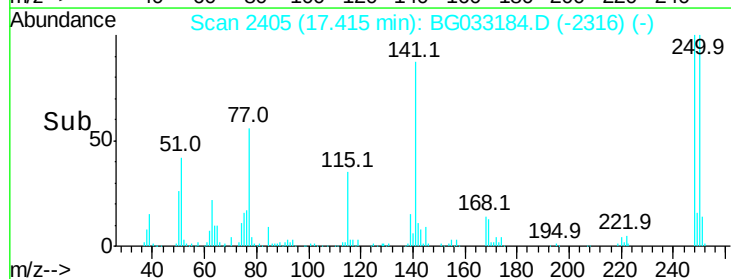
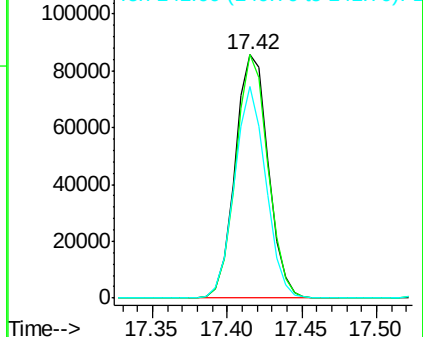
248 100

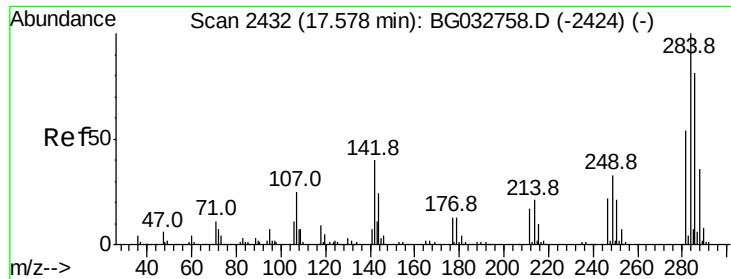
250 99.8 77.1 115.7

141 86.8 50.8 76.2#



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

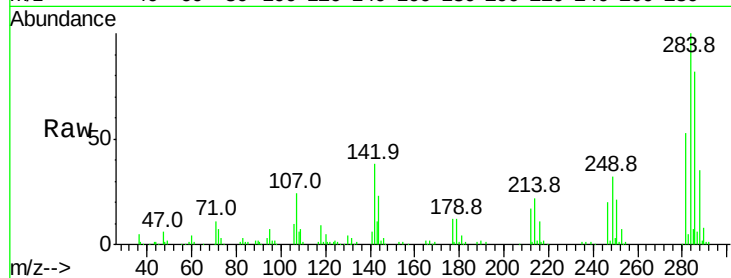




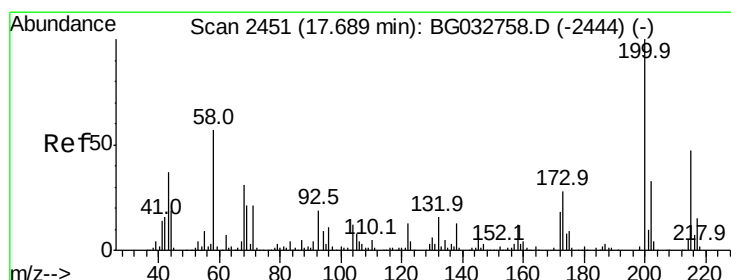
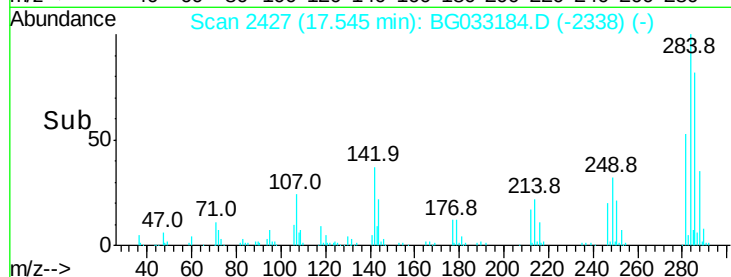
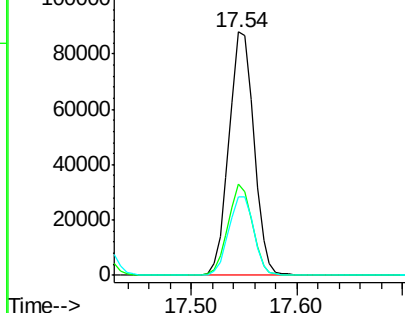
#67
Hexachlorobenzene
Concen: 53.875 ng
RT: 17.54 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 143483
Ion Ratio Lower Upper
284 100
142 37.6 26.8 40.2
249 32.3 26.3 39.5

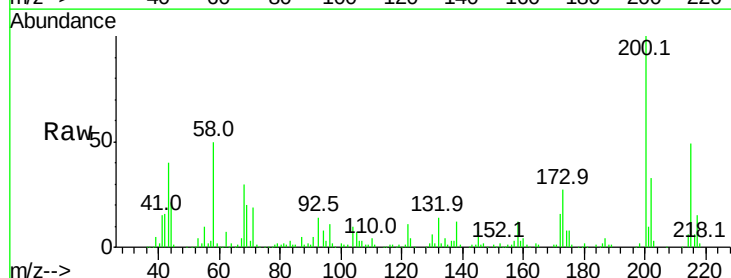


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

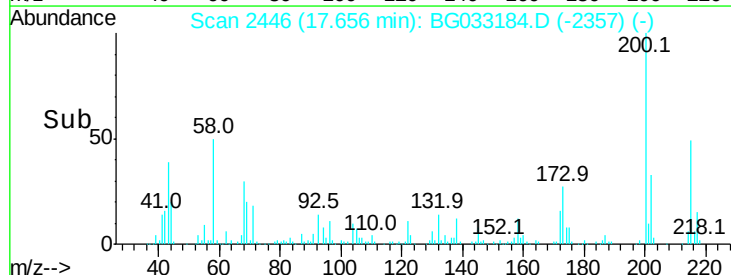
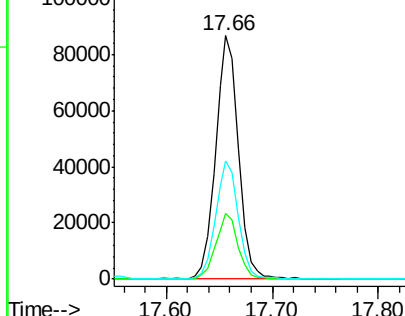


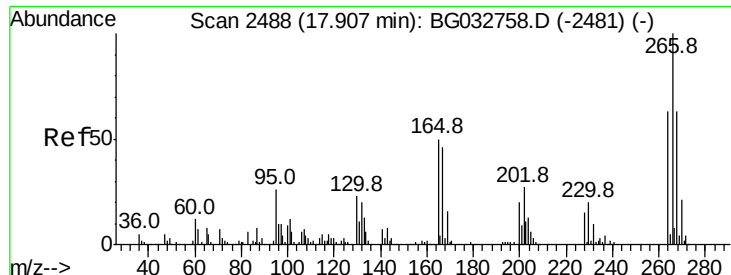
#68
Atrazine
Concen: 52.339 ng
RT: 17.66 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:200 Resp: 130626
Ion Ratio Lower Upper
200 100
173 27.1 5.2 45.2
215 48.6 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

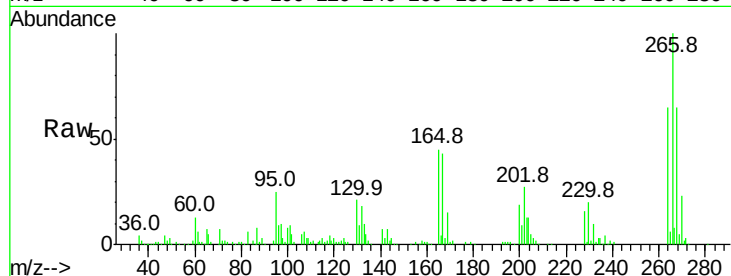




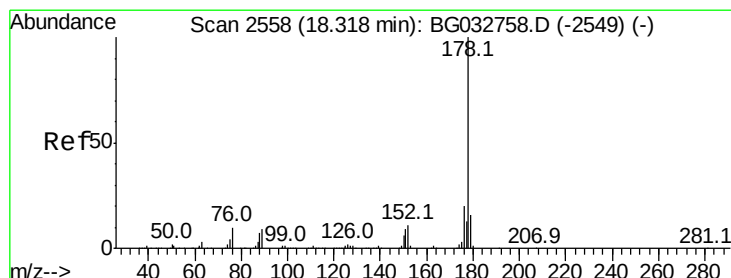
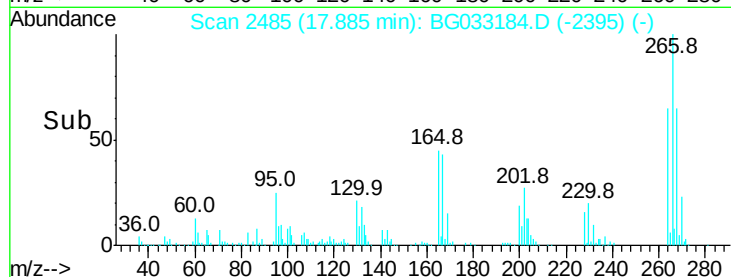
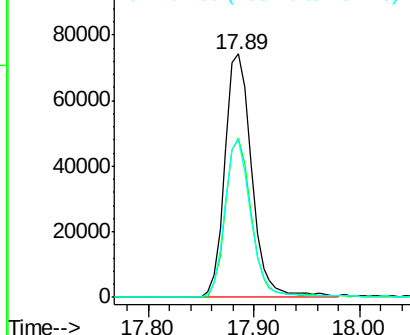
#69
 Pentachlorophenol
 Concen: 78.225 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	64.8	49.6	74.4

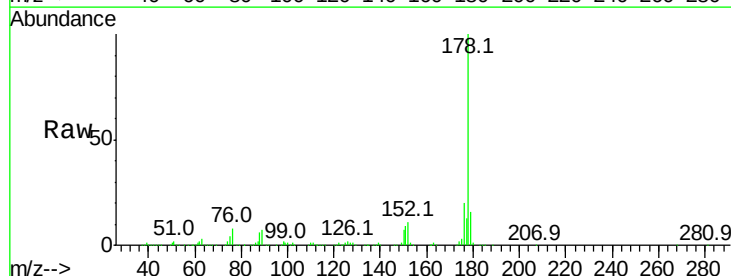


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

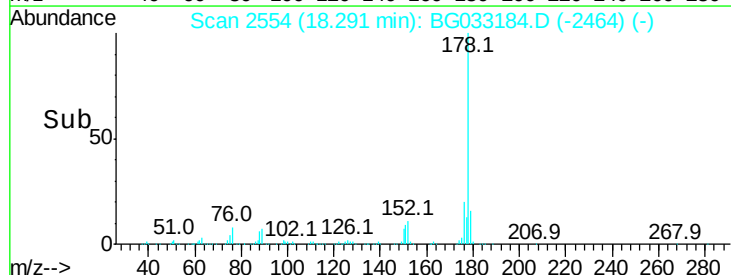
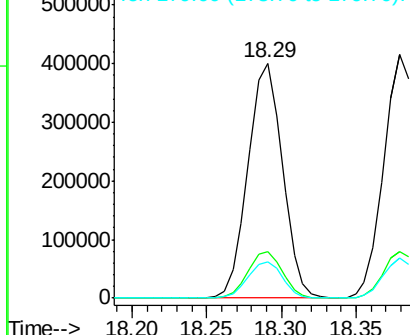


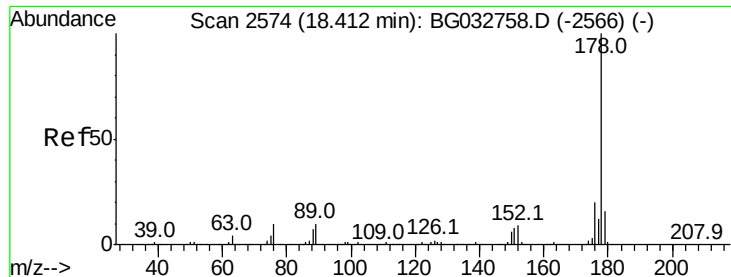
#70
 Phenanthrene
 Concen: 49.288 ng
 RT: 18.29 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.6	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

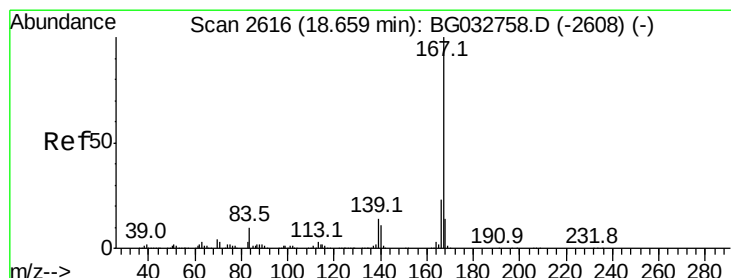
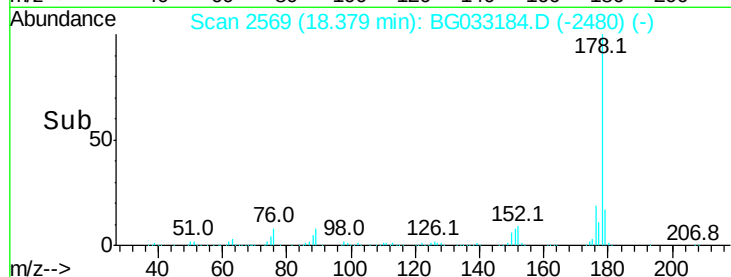
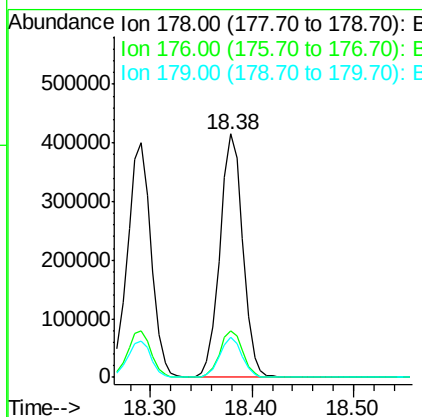
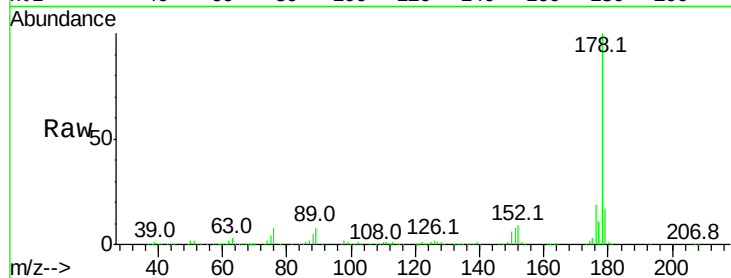




#71
 Anthracene
 Concen: 49.846 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

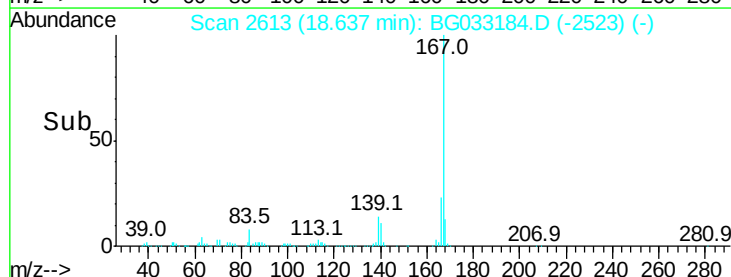
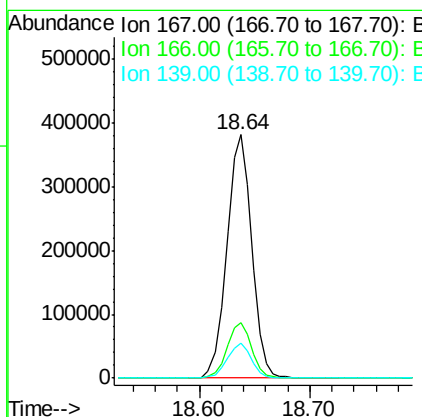
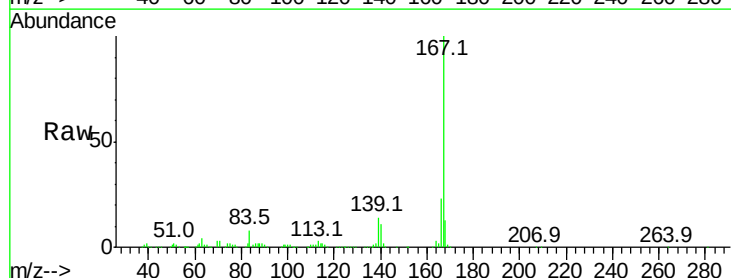
Instrument :
 BNA_G
 ClientSampleId :

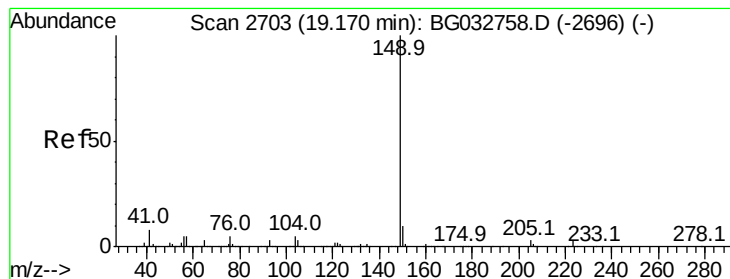
Tot Ion:178 Resp: 650716
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 46.716 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:167 Resp: 601110
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 14.3 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 46.449 ng

RT: 19.13 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

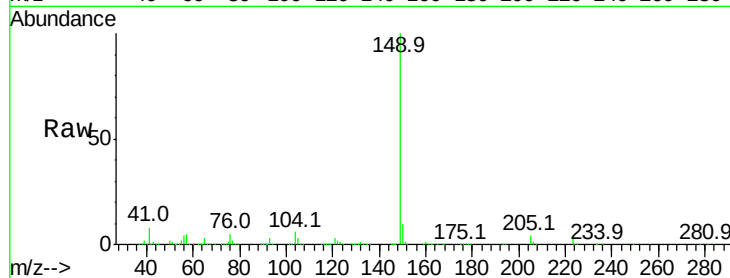
Tot Ion:149 Resp: 733230

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

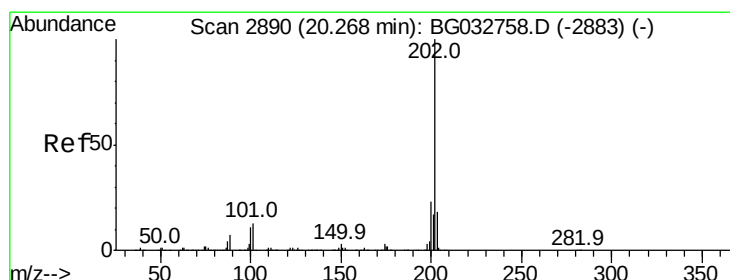
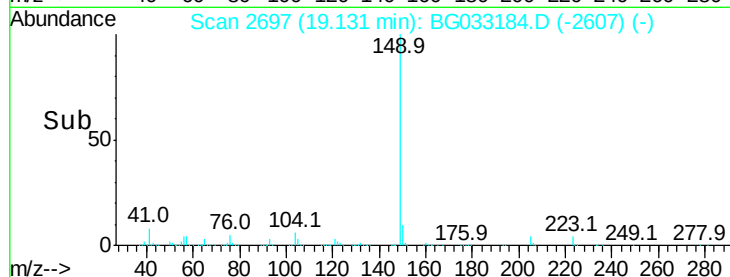
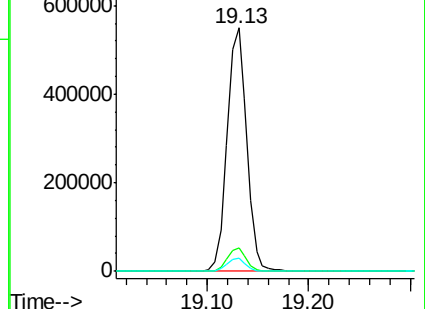
104 5.5 3.9 5.9



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: 51.055 ng

RT: 20.24 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

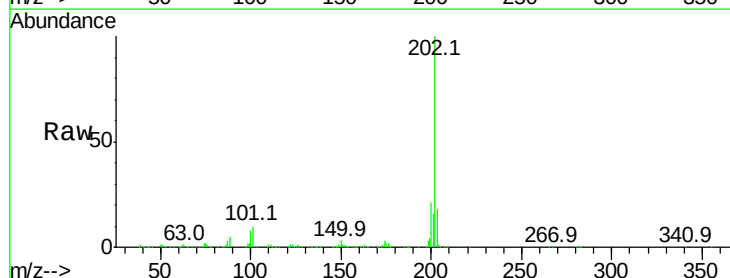
Tgt Ion:202 Resp: 733341

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.9

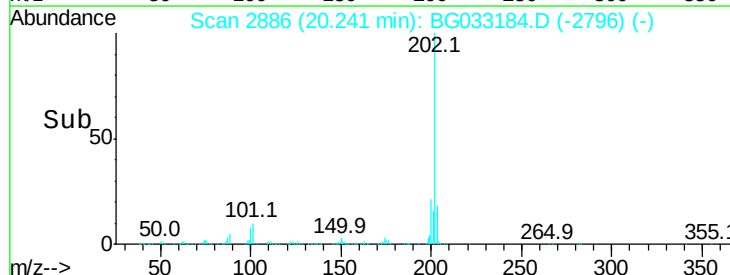
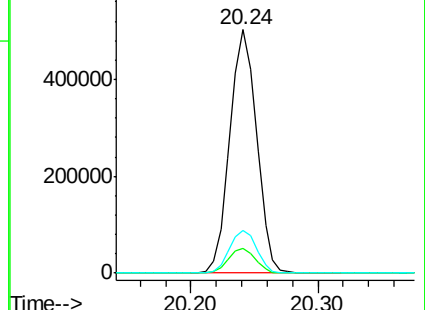
203 17.8 0.0 37.5

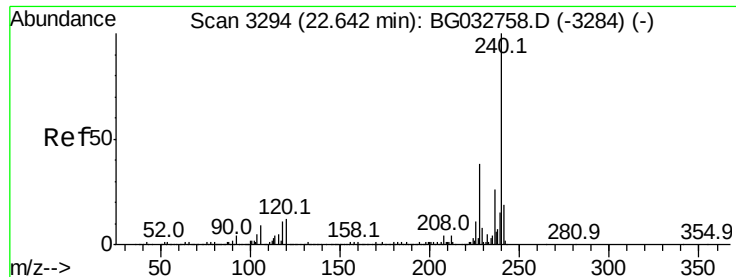


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

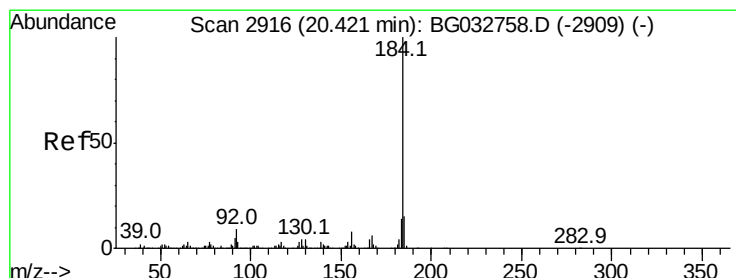
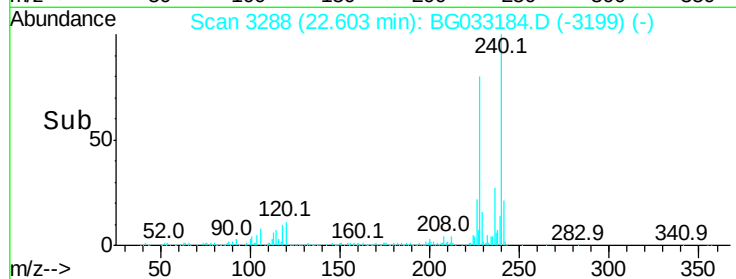
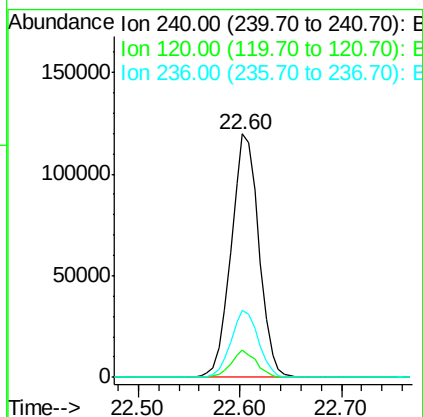
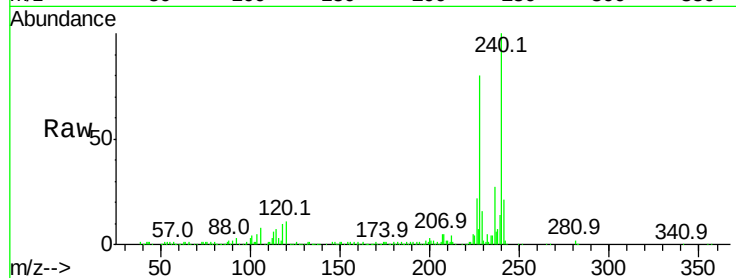
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 226220

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.8	10.2#
236	27.4	20.9	31.3



#76

Benzidine

Concen: 7.059 ng

RT: 20.40 min Scan# 2913

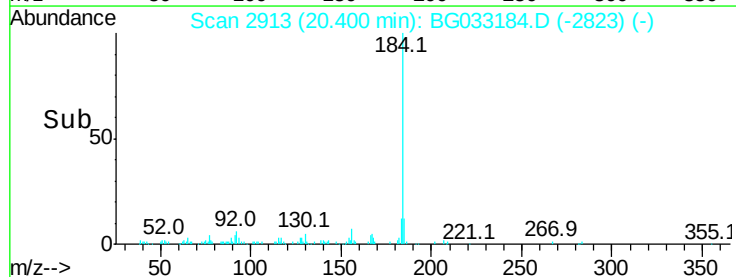
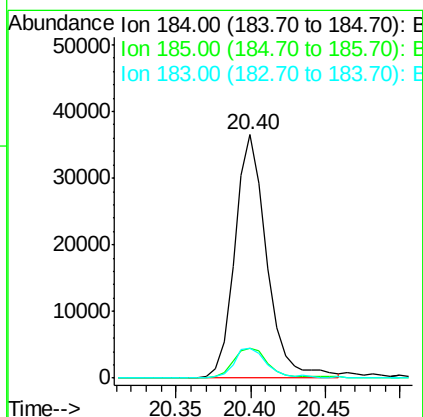
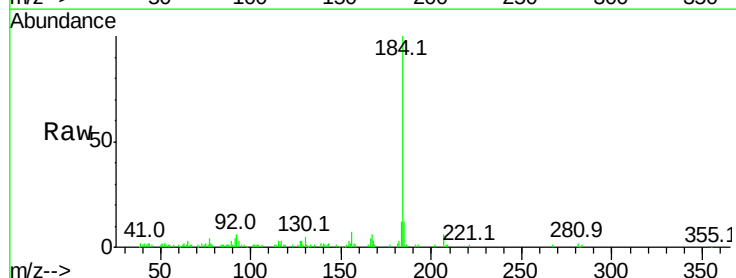
Delta R.T. 0.00 min

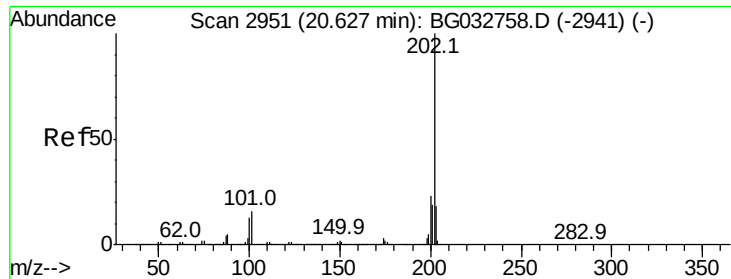
Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Tgt Ion:184 Resp: 54429

Ion	Ratio	Lower	Upper
184	100		
185	12.3	11.1	16.7
183	12.0	10.6	16.0

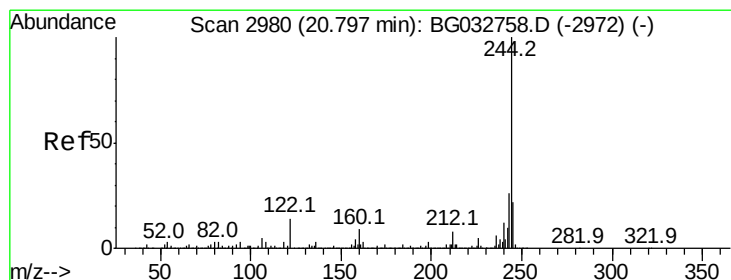
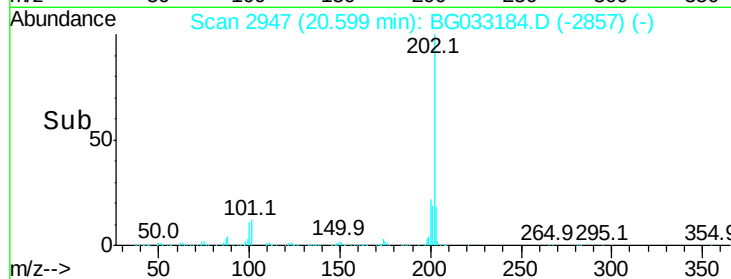
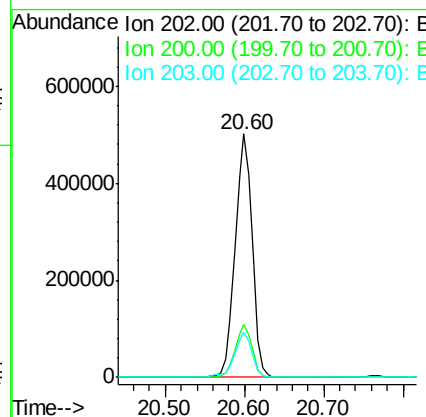
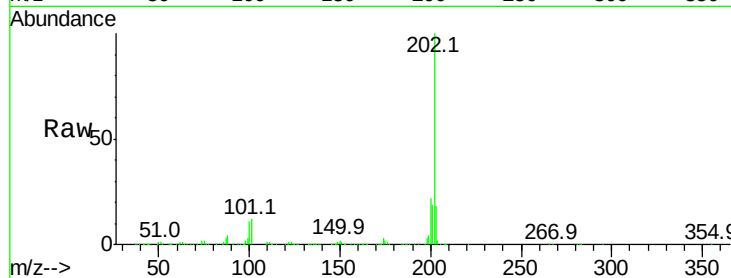




#77
 Pvrene
 Concen: 46.492 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

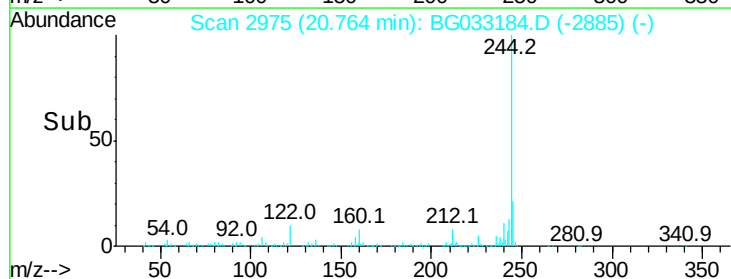
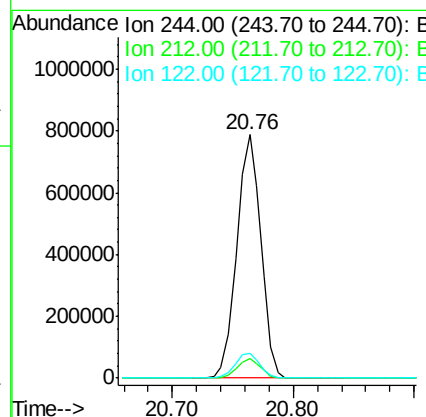
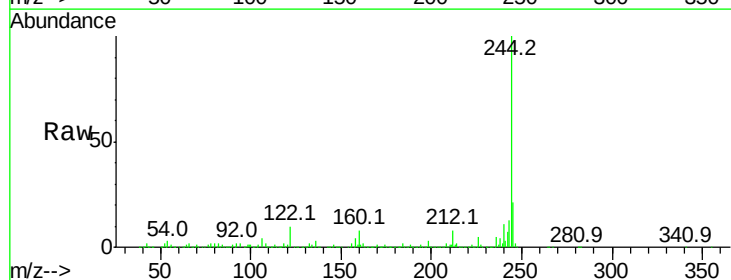
Instrument :
 BNA_G
 ClientSampleId :

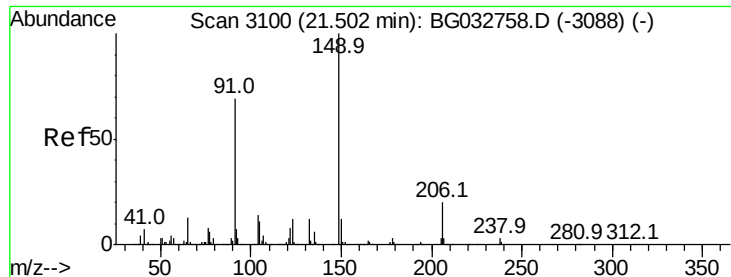
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 108.636 ng
 RT: 20.76 min Scan# 2975
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

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

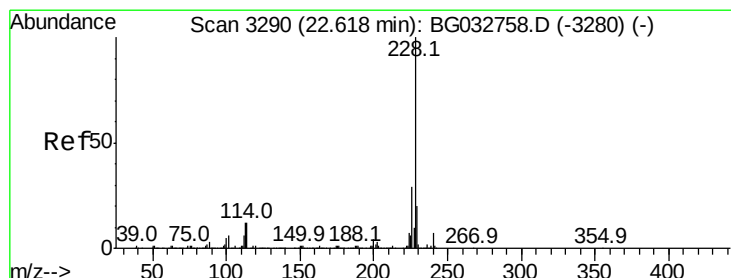
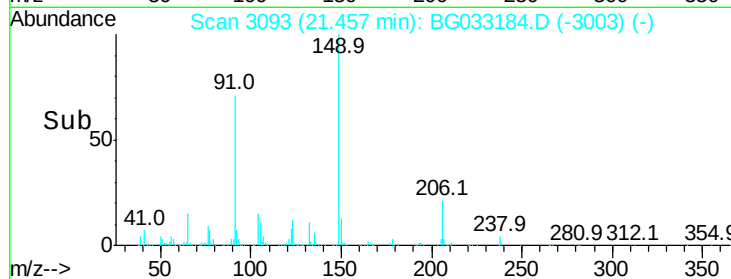
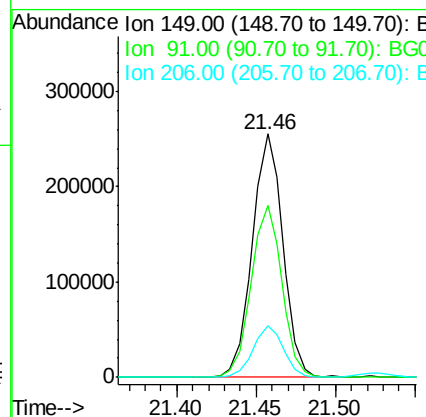
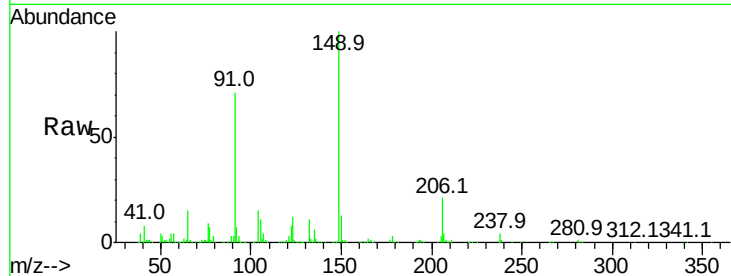




#79
Butylbenzylphthalate
Concen: 48.504 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

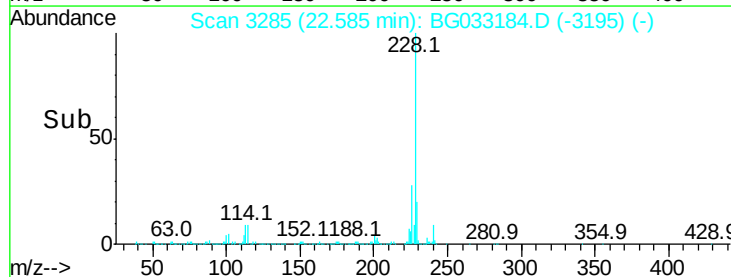
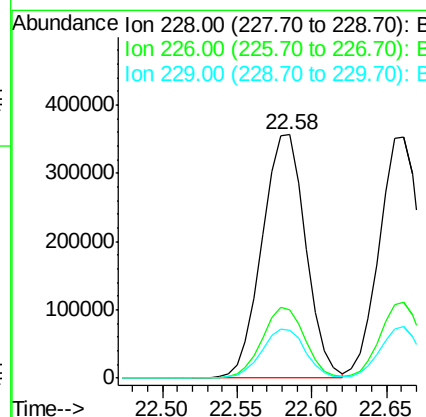
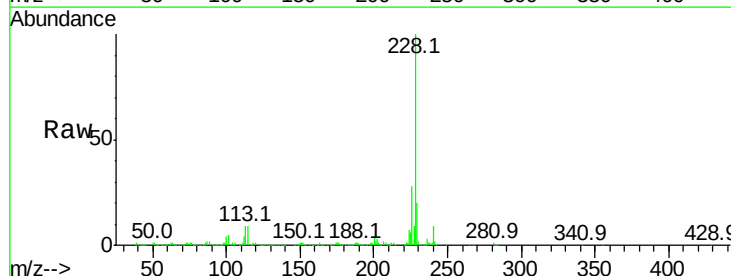
Instrument :
BNA_G
ClientSampleId :

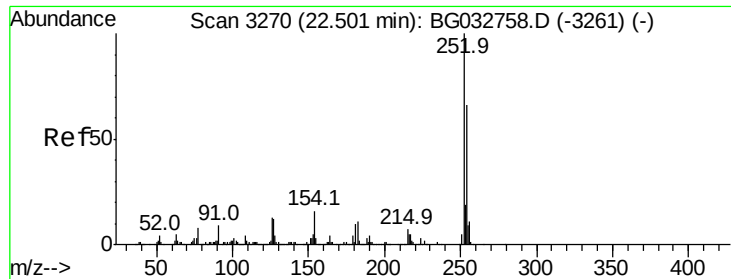
Tot Ion:149 Resp: 343074
Ion Ratio Lower Upper
149 100
91 70.5 62.2 93.2
206 21.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 49.970 ng
RT: 22.58 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:228 Resp: 724879
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 19.8 16.2 24.2

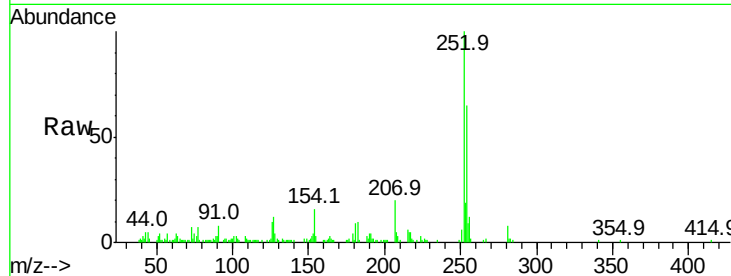




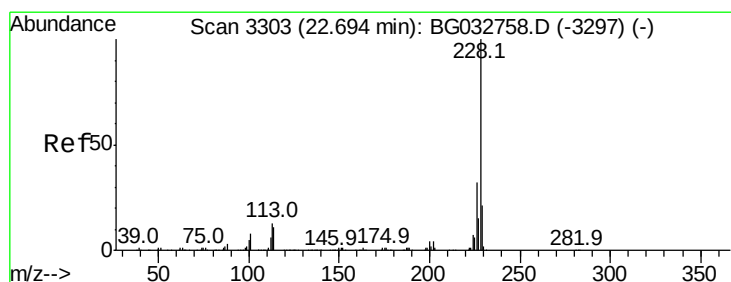
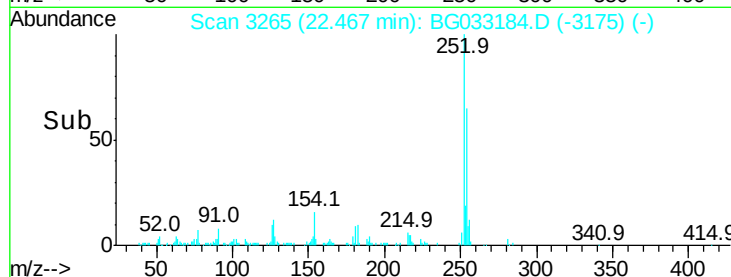
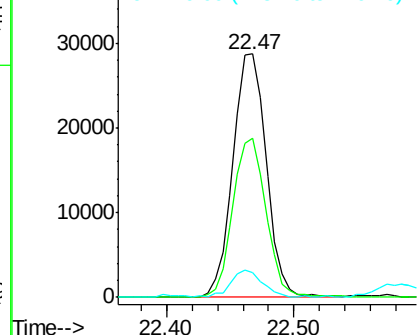
#81
 3,3'-Dichlorobenzidine
 Concen: 9.780 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	10.4	7.4	11.2

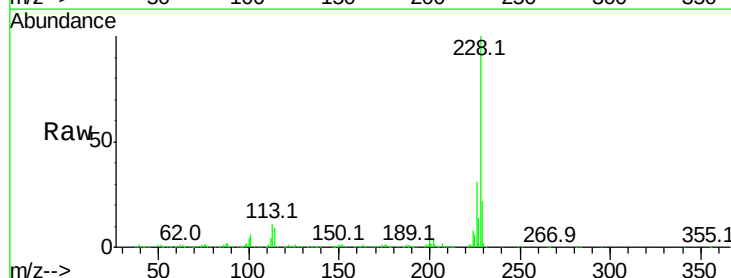


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

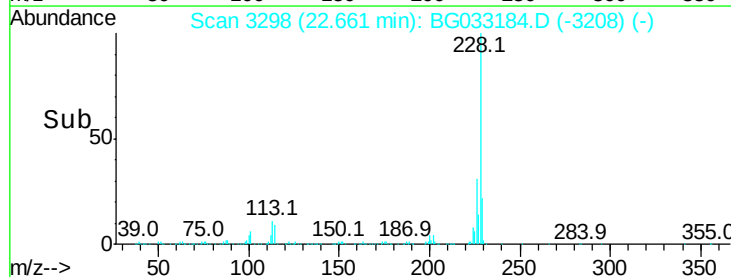
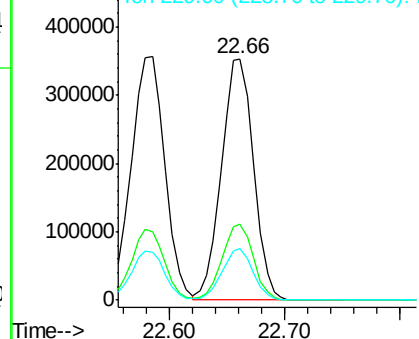


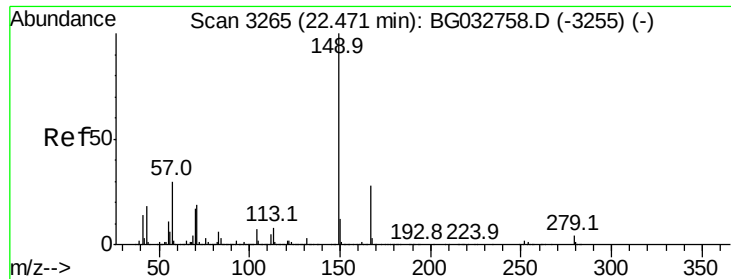
#82
 Chrysene
 Concen: 48.930 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.5	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

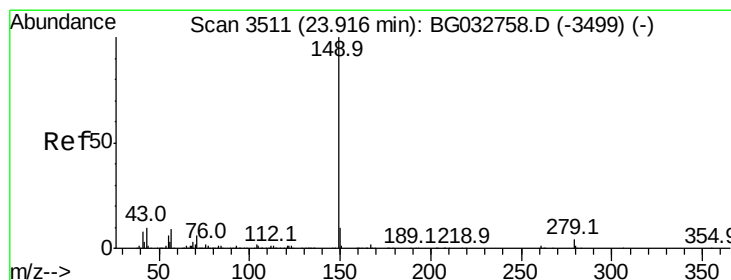
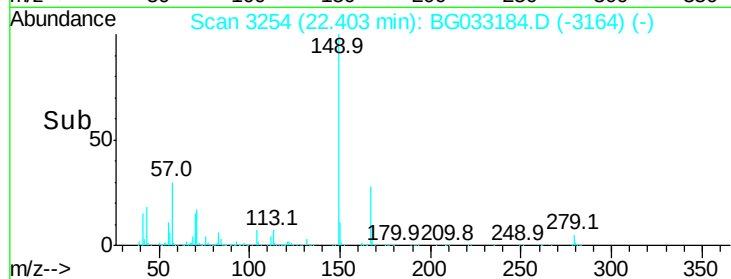
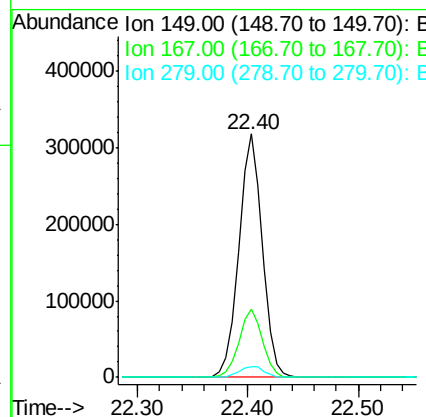
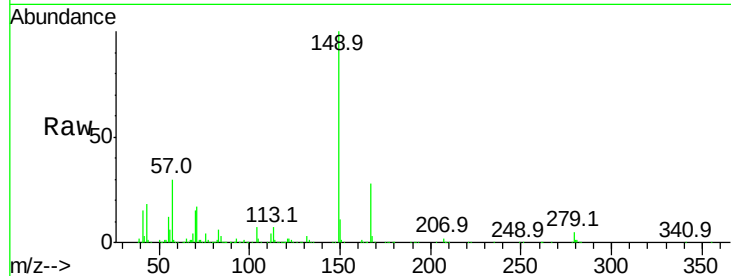




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.166 ng
 RT: 22.40 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

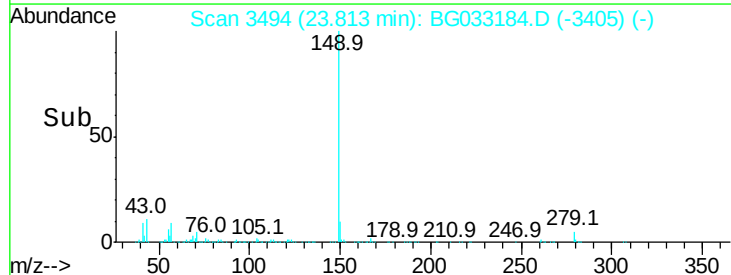
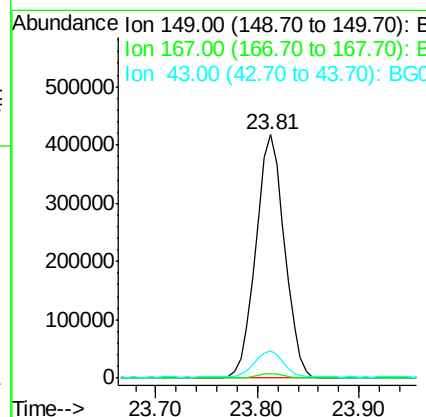
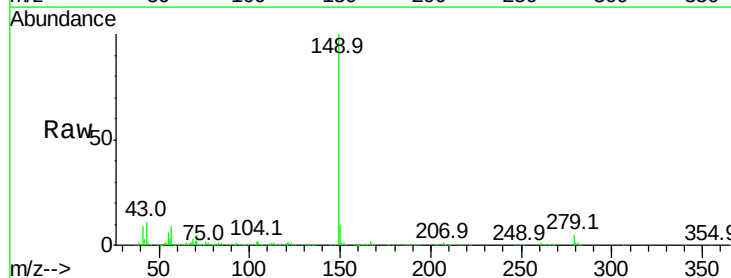
Instrument :
 BNA_G
 ClientSampleId :

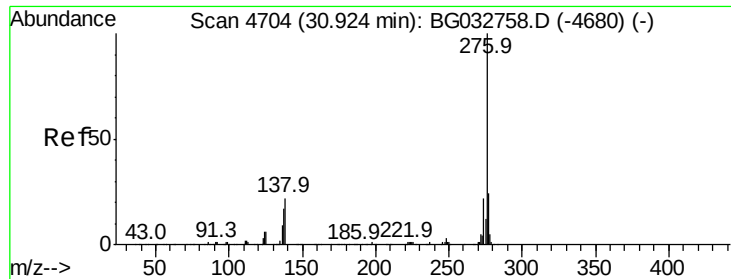
Tot Ion:149 Resp: 472885
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.3 36.5
 279 4.5 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 51.235 ng
 RT: 23.81 min Scan# 3494
 Delta R.T. -0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:149 Resp: 817644
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.0 8.9 13.3

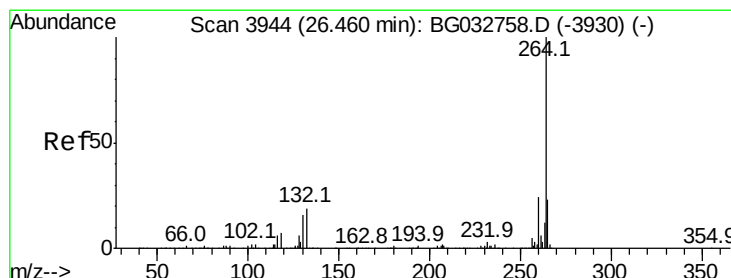
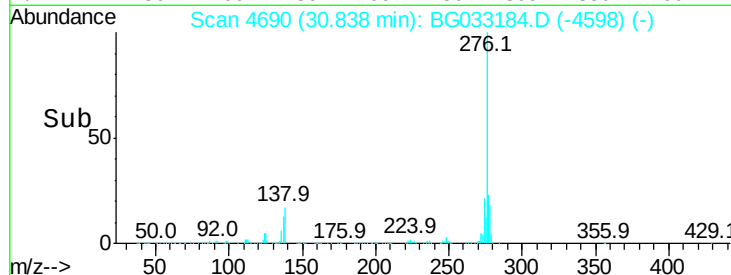
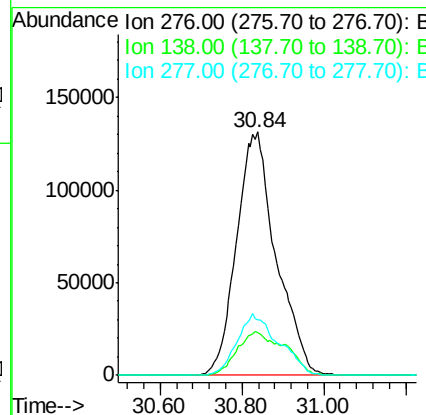
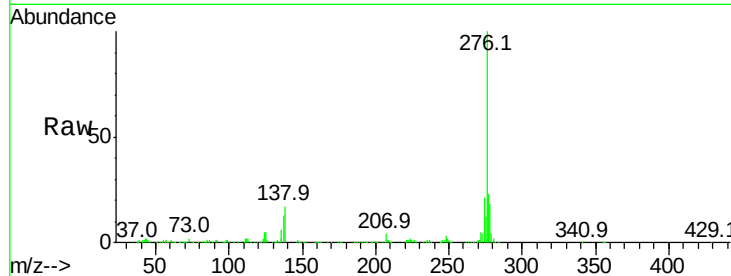




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.613 ng
 RT: 30.84 min Scan# 4690
 Delta R.T. 0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

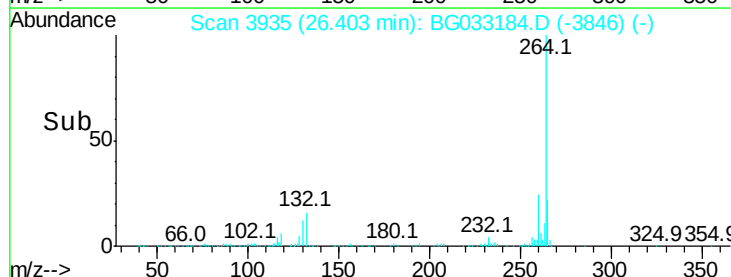
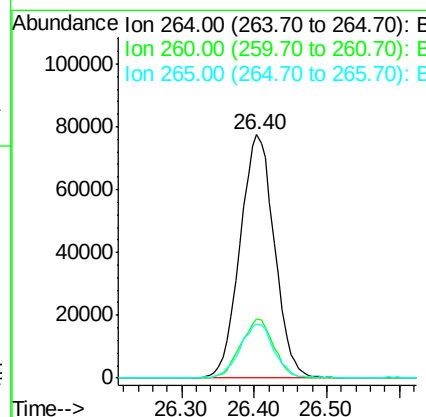
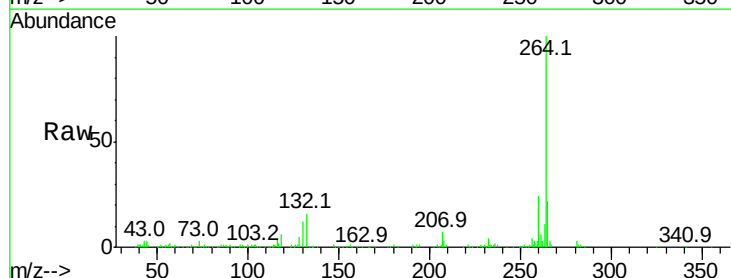
Instrument :
 BNA_G
 ClientSampleId :

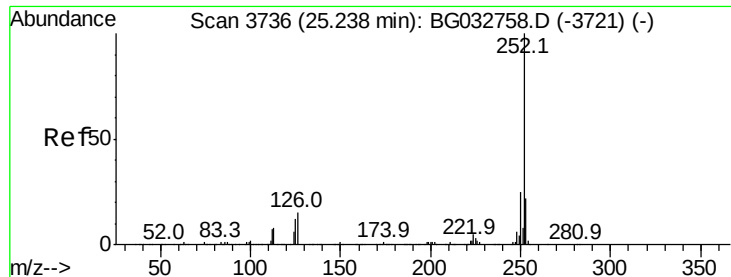
Tot Ion:276 Resp: 882584
 Ion Ratio Lower Upper
 276 100
 138 21.7 16.0 24.0
 277 26.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3935
 Delta R.T. -0.01 min
 Lab File: BG033184.D
 Acq: 15 Mar 2018 19:46

Tgt Ion:264 Resp: 255204
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 22.2 17.7 26.5

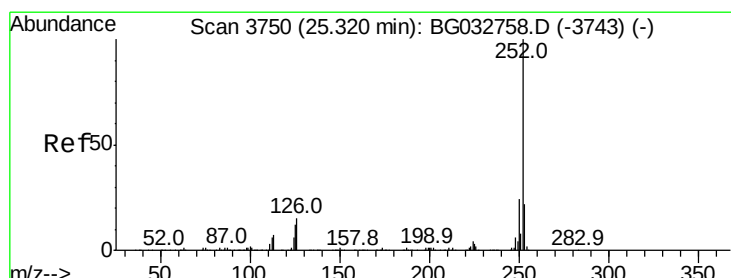
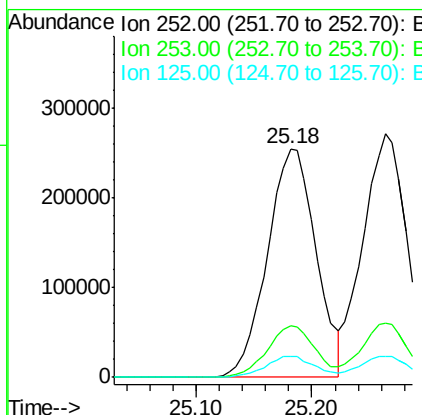
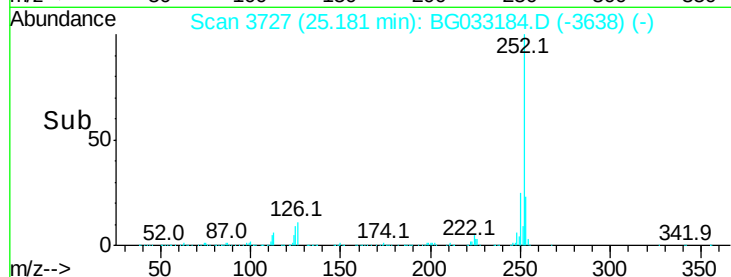
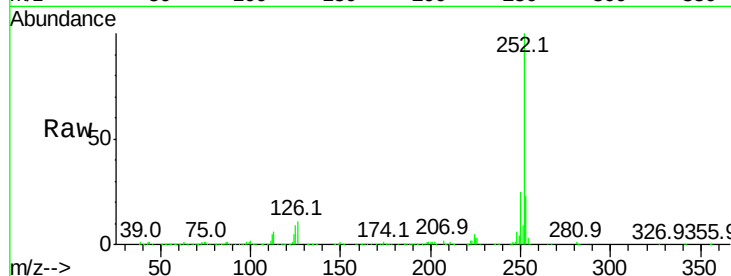




#87
Benzo(b)fluoranthene
Concen: 49.482 ng
RT: 25.18 min Scan# 3727
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

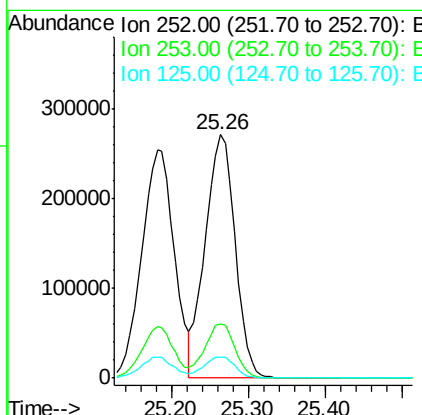
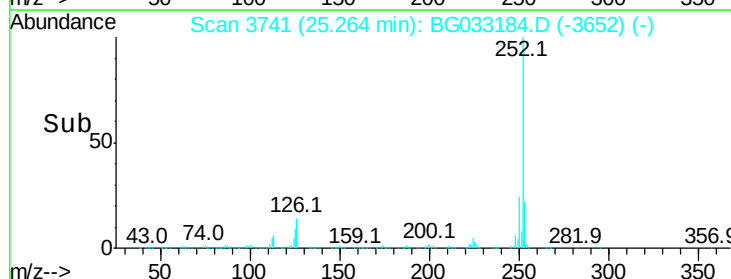
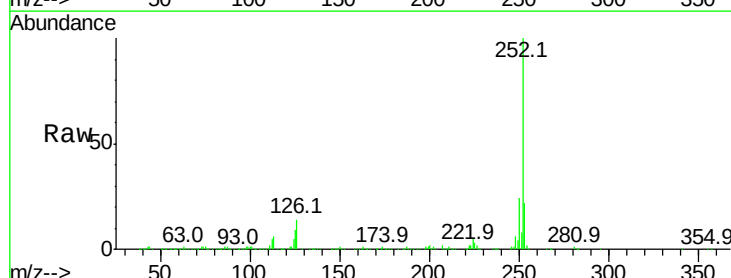
Instrument :
BNA_G
ClientSampleId :

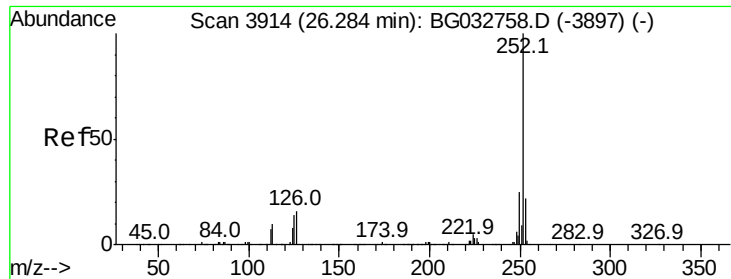
Tot Ion:252 Resp: 746659
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 8.9 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 48.472 ng
RT: 25.26 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG033184.D
Acq: 15 Mar 2018 19:46

Tgt Ion:252 Resp: 726911
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.7 6.6 9.8





#89

Benzo(a)pyrene

Concen: 50.401 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

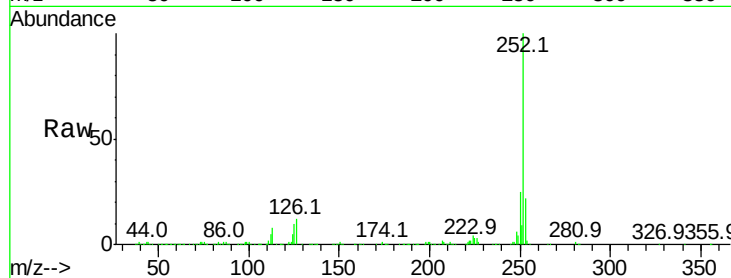
Tot Ion:252 Resp: 723367

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

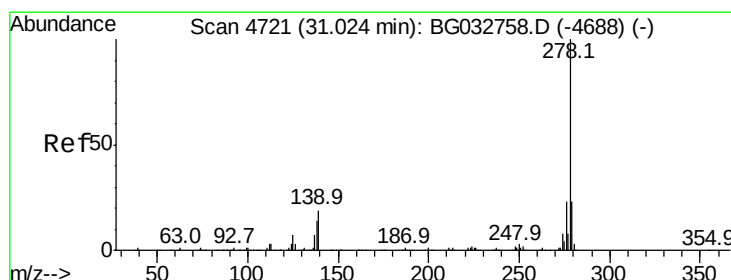
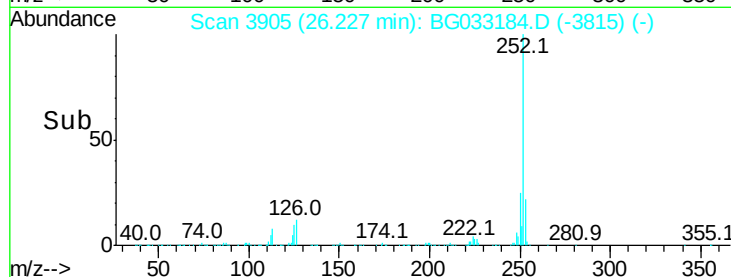
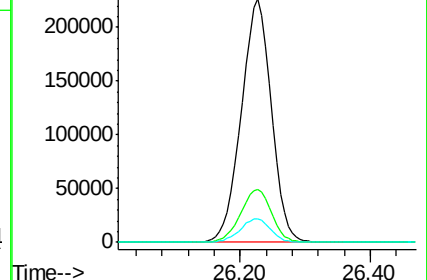
125 9.8 7.3 10.9



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: 51.340 ng

RT: 30.91 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

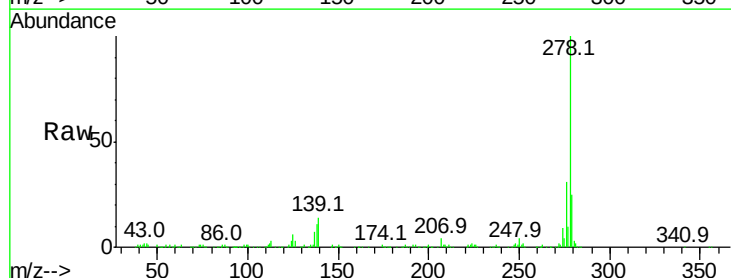
Tgt Ion:278 Resp: 741674

Ion Ratio Lower Upper

278 100

139 14.0 9.8 14.6

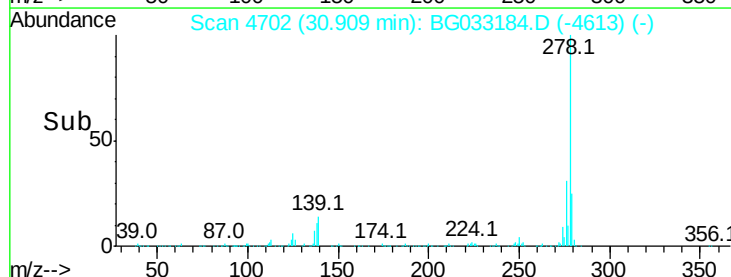
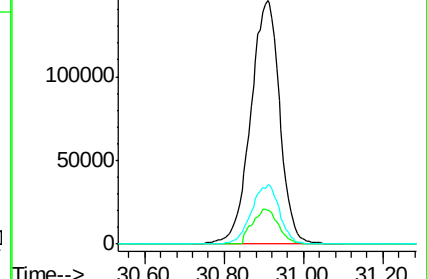
279 24.5 18.4 27.6

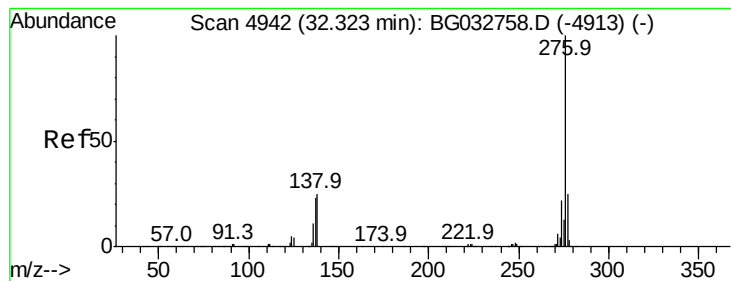


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.293 ng

RT: 32.22 min Scan# 4926

Delta R.T. -0.01 min

Lab File: BG033184.D

Acq: 15 Mar 2018 19:46

Instrument :

BNA_G

ClientSampleId :

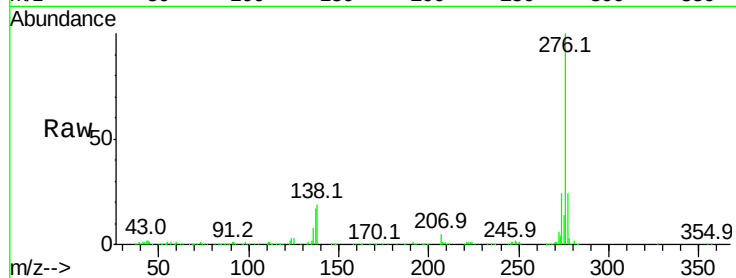
Tot Ion:276 Resp: 730453

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 18.8 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

