

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033870.D
 Acq On : 19 Apr 2018 15:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 03:08:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	45877	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	233146	20.00	ng	0.00
38) Acenaphthene-d10	14.48	164	164770	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	408360	20.00	ng	0.00
75) Chrysene-d12	21.49	240	395148	20.00	ng	0.00
86) Perylene-d12	24.55	264	399572	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	239098	83.21	ng	0.00
7) Phenol-d6	7.00	99	350944	83.73	ng	0.00
23) Nitrobenzene-d5	8.99	82	344845	84.17	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	163416	85.01	ng	0.00
44) 2-Fluorobiphenyl	13.10	172	900045	80.24	ng	0.00
78) Terphenyl-d14	19.86	244	1437407	81.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	49918	41.111	ng	90
3) Pyridine	3.81	79	150626	42.875	ng	98
4) n-Nitrosodimethylamine	3.72	42	65272	40.781	ng	# 82
6) Aniline	7.17	93	236584	42.228	ng	99
8) 2-Chlorophenol	7.40	128	132253	41.075	ng	97
9) Benzaldehyde	6.98	77	89948	41.277	ng	91
10) Phenol	7.03	94	177831	41.417	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	138618	42.212	ng	95
12) 1,3-Dichlorobenzene	7.73	146	153933	41.530	ng	97
13) 1,4-Dichlorobenzene	7.88	146	154957	41.276	ng	96
14) 1,2-Dichlorobenzene	8.19	146	151251	41.429	ng	96
15) Benzyl Alcohol	8.07	79	153682	42.050	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	261251	40.789	ng	98
17) 2-Methylphenol	8.27	107	133318	41.900	ng	96
18) Hexachloroethane	8.91	117	55331	40.334	ng	93
19) n-Nitroso-di-n-propylamine	8.65	70	146832	41.099	ng	# 94
20) 3+4-Methylphenols	8.60	107	192832	41.709	ng	90
22) Acetophenone	8.65	105	257544	40.586	ng	# 97
24) Nitrobenzene	9.03	77	185596	41.574	ng	98
25) Isophorone	9.56	82	372936	40.489	ng	95
26) 2-Nitrophenol	9.74	139	75354	42.719	ng	98
27) 2,4-Dimethylphenol	9.80	122	133583	40.488	ng	96
28) bis(2-Chloroethoxy)methane	10.05	93	201495	41.393	ng	97
29) 2,4-Dichlorophenol	10.27	162	151691	41.243	ng	94
30) 1,2,4-Trichlorobenzene	10.49	180	169462	41.137	ng	99
31) Naphthalene	10.67	128	489425	40.822	ng	100
32) Benzoic acid	9.93	122	135665	41.970	ng	93
33) 4-Chloroaniline	10.78	127	231313	41.047	ng	99
34) Hexachlorobutadiene	10.97	225	100427	40.752	ng	97
35) Caprolactam	11.55	113	64963	41.543	ng	95
36) 4-Chloro-3-methylphenol	11.90	107	181582	40.450	ng	94
37) 2-Methylnaphthalene	12.29	142	375884	40.949	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	219218	40.067	ng	97
40) Hexachlorocyclopentadiene	12.64	237	116945	38.873	ng	98

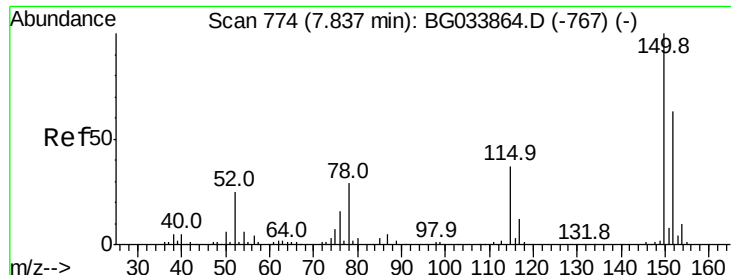
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033870.D
 Acq On : 19 Apr 2018 15:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Quant Time: Apr 20 03:08:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	139740	41.890	ng	98
43) 2,4,5-Trichlorophenol	12.97	196	159394	41.562	ng	98
45) 1,1'-Biphenyl	13.31	154	534037	40.039	ng	97
46) 2-Chloronaphthalene	13.34	162	403719	39.919	ng	98
47) 2-Nitroaniline	13.55	65	133855	42.389	ng	93
48) Acenaphthylene	14.19	152	679850	40.441	ng	99
49) Dimethylphthalate	13.94	163	580906	40.079	ng	98
50) 2,6-Dinitrotoluene	14.05	165	116011	42.236	ng	97
51) Acenaphthene	14.54	154	444083	42.051	ng	99
52) 3-Nitroaniline	14.38	138	131379	44.049	ng	# 88
53) 2,4-Dinitrophenol	14.58	184	42712	43.481	ng	# 60
54) Dibenzofuran	14.87	168	625702	39.964	ng	95
55) 4-Nitrophenol	14.67	139	102761	43.930	ng	93
56) 2,4-Dinitrotoluene	14.83	165	160318	43.892	ng	# 86
57) Fluorene	15.53	166	545785	40.284	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	148355	42.249	ng	99
59) Diethylphthalate	15.32	149	606001	39.556	ng	99
60) 4-Chlorophenyl-phenylether	15.53	204	284901	40.203	ng	99
61) 4-Nitroaniline	15.54	138	135601	42.820	ng	94
62) Azobenzene	15.82	77	547153	40.065	ng	98
64) 4,6-Dinitro-2-methylphenol	15.60	198	78107	40.840	ng	94
65) n-Nitrosodiphenylamine	15.74	169	480266	40.453	ng	99
66) 4-Bromophenyl-phenylether	16.42	248	183064	40.820	ng	96
67) Hexachlorobenzene	16.53	284	192864	40.326	ng	94
68) Atrazine	16.70	200	189187	40.676	ng	99
69) Pentachlorophenol	16.87	266	138398	42.128	ng	# 25
70) Phenanthrene	17.27	178	870373	39.730	ng	97
71) Anthracene	17.36	178	881110	40.219	ng	99
72) Carbazole	17.62	167	836813	39.593	ng	97
73) Di-n-butylphthalate	18.22	149	1032472	39.268	ng	99
74) Fluoranthene	19.29	202	1040031	39.247	ng	97
76) Benzidine	19.48	184	504949	47.322	ng	97
77) Pyrene	19.65	202	1061887	40.972	ng	96
79) Butylbenzylphthalate	20.57	149	466149	40.956	ng	94
80) Benzo(a)anthracene	21.47	228	1007620	40.439	ng	99
81) 3,3'-Dichlorobenzidine	21.39	252	381550	41.068	ng	99
82) Chrysene	21.53	228	970785	40.800	ng	97
83) Bis(2-ethylhexyl)phthalate	21.43	149	662247	41.200	ng	97
84) Di-n-octyl phthalate	22.61	149	1060818	41.579	ng	97
85) Indeno(1,2,3-cd)pyrene	28.04	276	1124344	41.512	ng	# 94
87) Benzo(b)fluoranthene	23.59	252	1006550	41.293	ng	99
88) Benzo(k)fluoranthene	23.66	252	979775	40.464	ng	97
89) Benzo(a)pyrene	24.42	252	958901	41.075	ng	100
90) Dibenzo(a,h)anthracene	28.11	278	925614	40.976	ng	95
91) Benzo(g,h,i)perylene	29.12	276	912019	41.031	ng	96

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

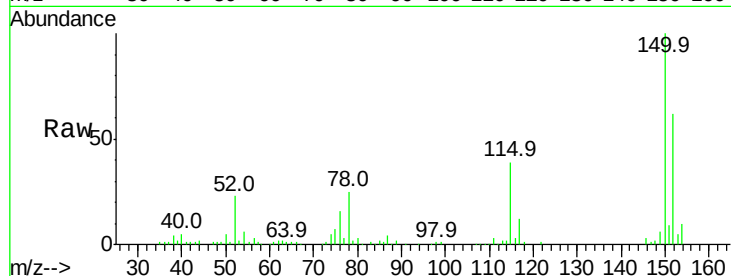


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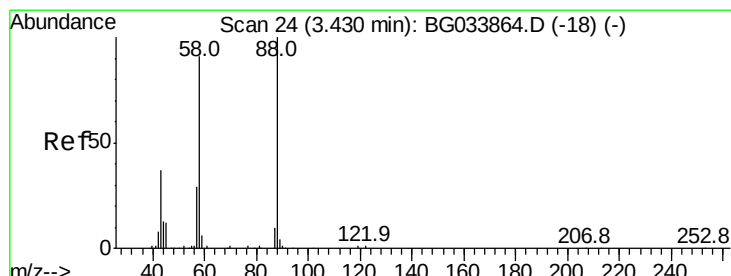
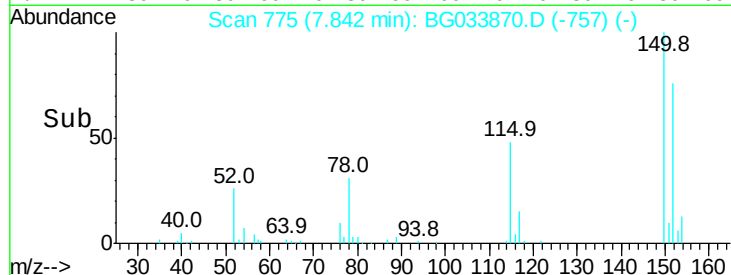
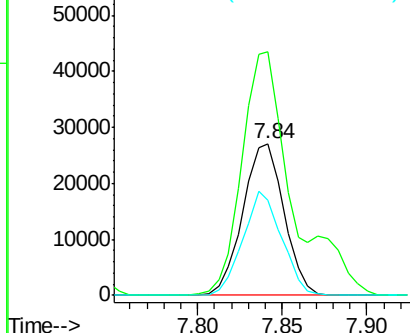
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.84 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.6	189.8
115	62.4	53.0	79.4



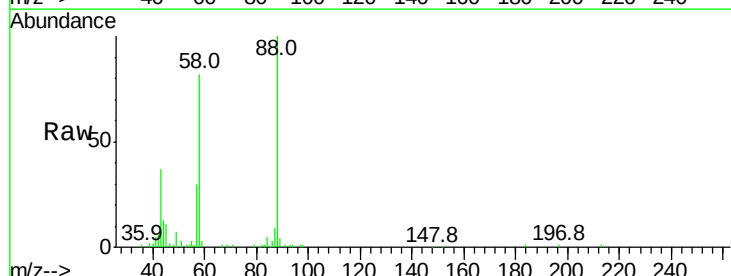
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



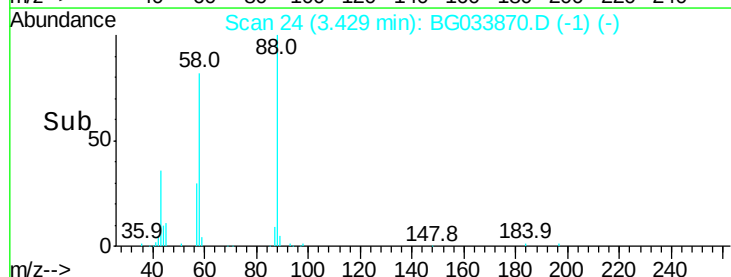
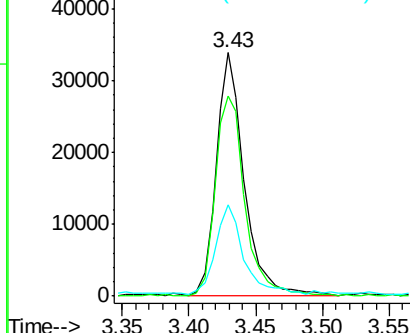
#2

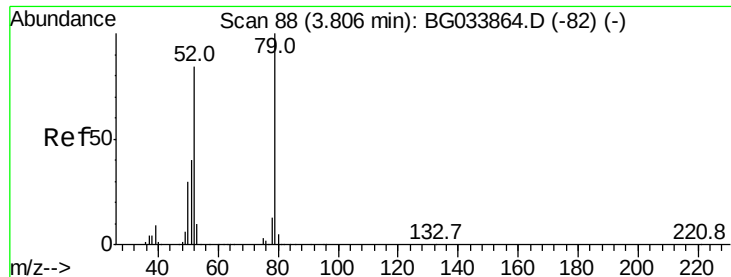
1,4-Dioxane
 Concen: 41.111 ng
 RT: 3.43 min Scan# 24
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	79.6	119.4
43	36.4	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: 42.875 ng

RT: 3.81 min Scan# 88

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

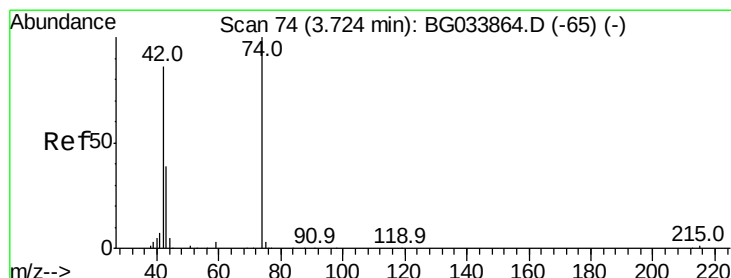
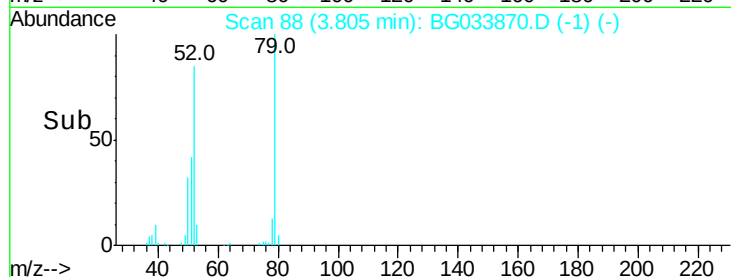
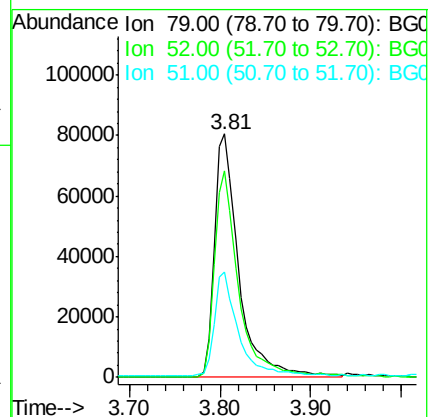
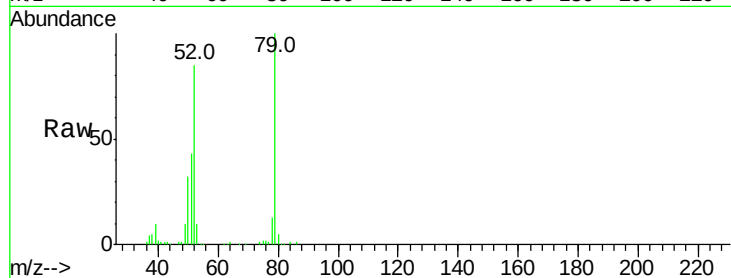
Tot Ion: 79 Resp: 150626

Ion Ratio Lower Upper

79 100

52 85.0 69.9 104.9

51 43.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 40.781 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

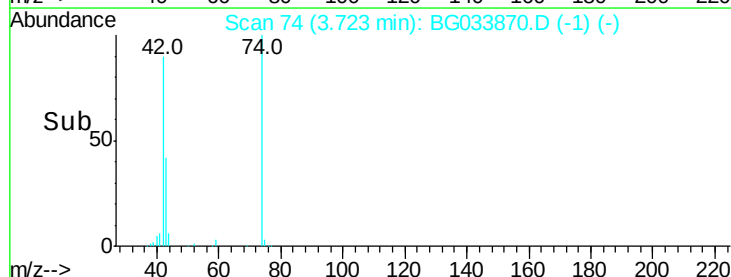
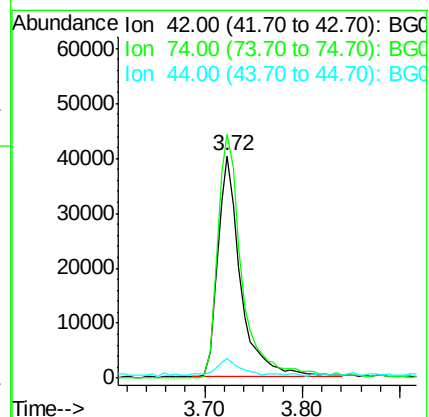
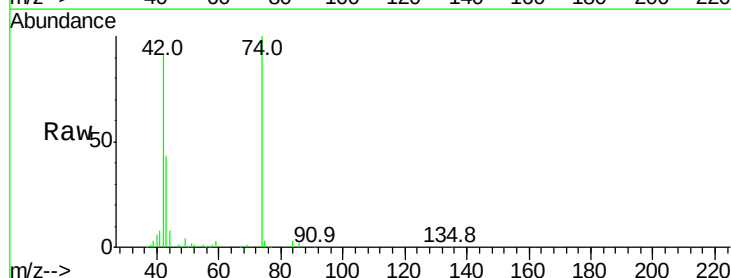
Tgt Ion: 42 Resp: 65272

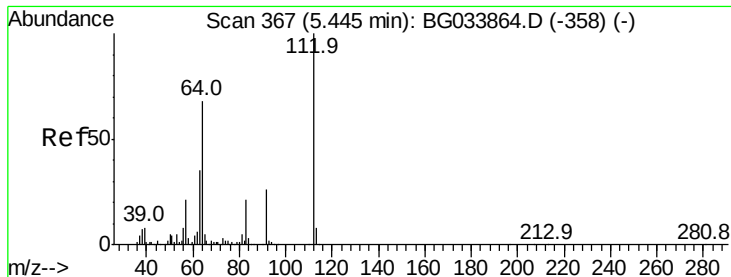
Ion Ratio Lower Upper

42 100

74 109.6 102.5 153.7

44 8.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 83.207 ng

RT: 5.44 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

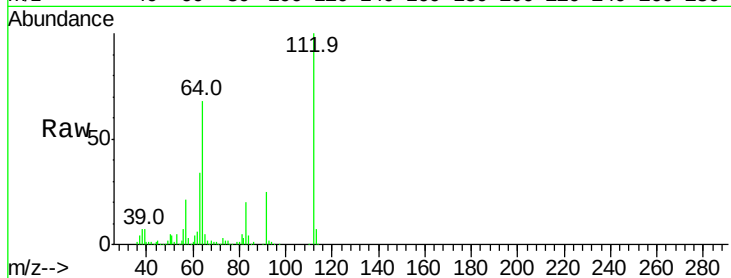
Tot Ion:112 Resp: 239098

Ion Ratio Lower Upper

112 100

64 68.0 56.3 84.5

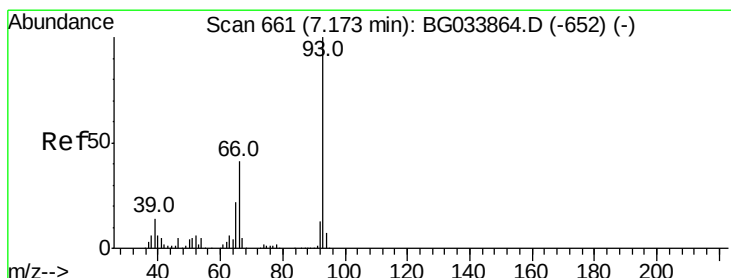
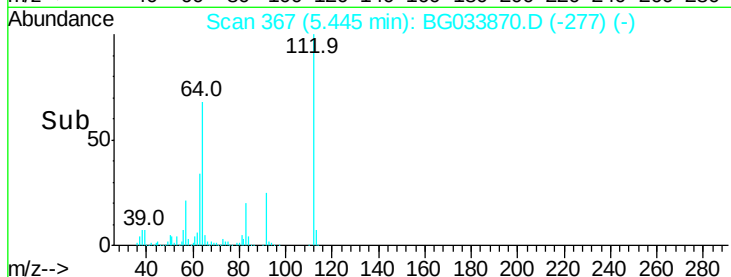
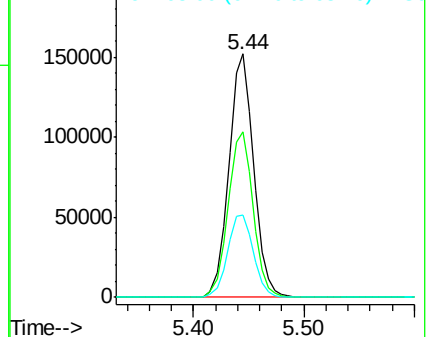
63 33.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.228 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

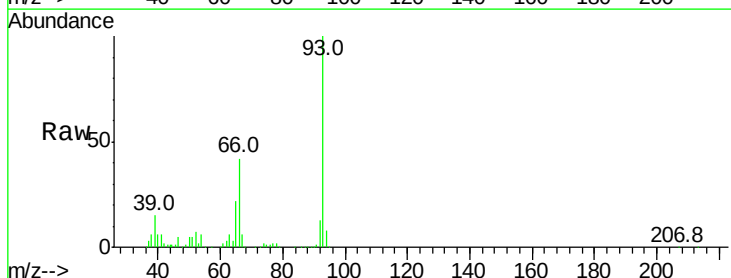
Tgt Ion: 93 Resp: 236584

Ion Ratio Lower Upper

93 100

66 42.2 33.7 50.5

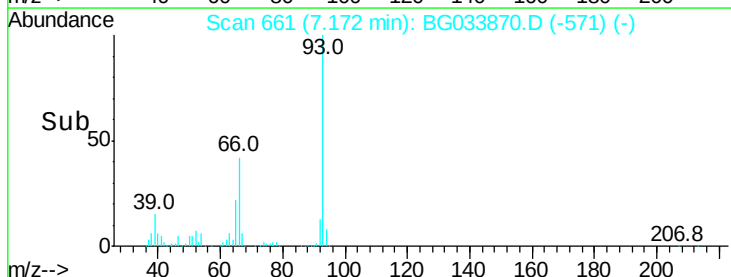
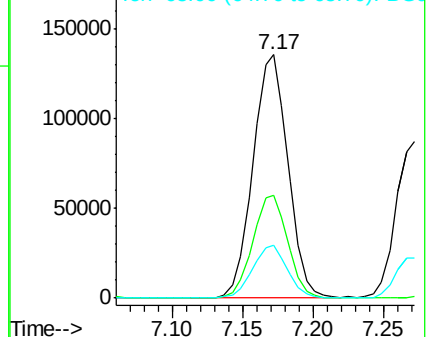
65 22.0 16.1 24.1

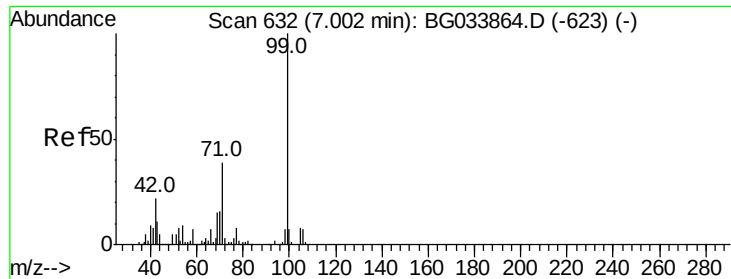


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.733 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampled :

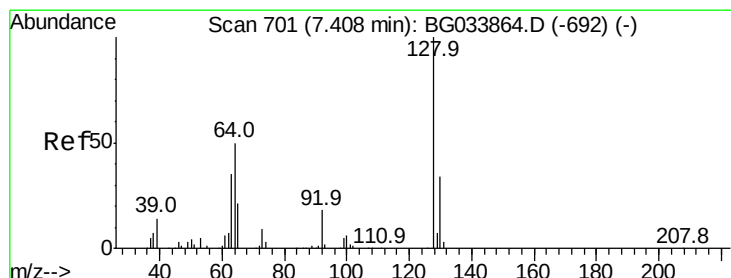
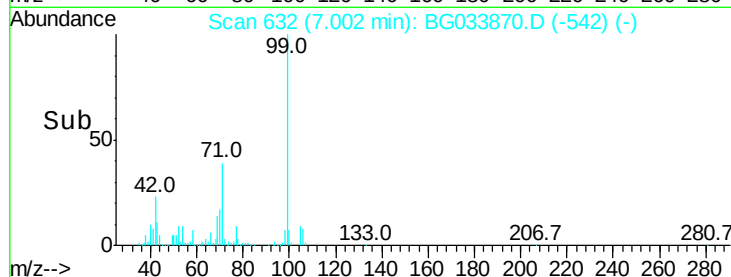
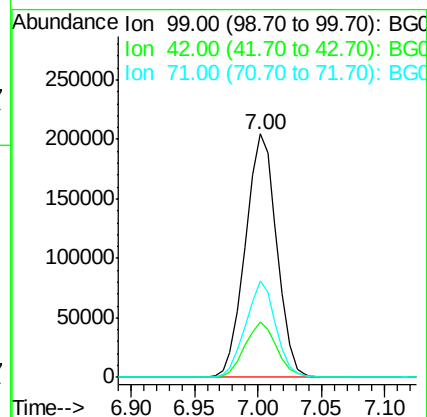
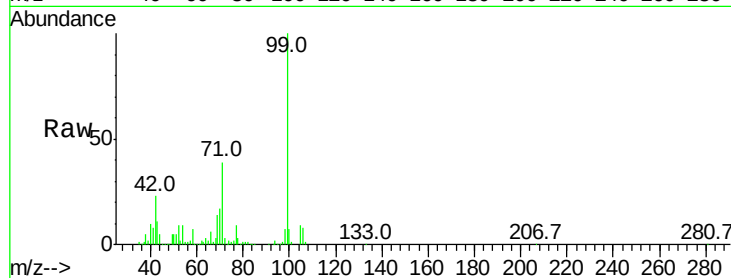
Tot Ion: 99 Resp: 350944

Ion Ratio Lower Upper

99 100

42 22.9 14.1 21.1#

71 39.4 26.1 39.1#



#8

2-Chlorophenol

Concen: 41.075 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

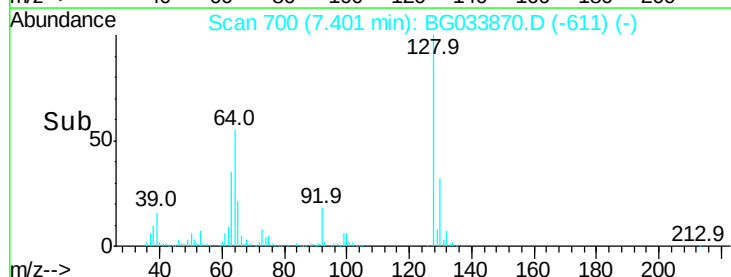
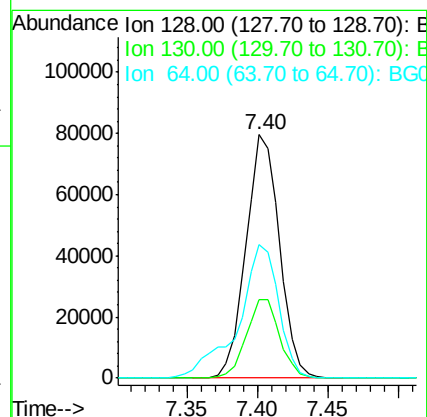
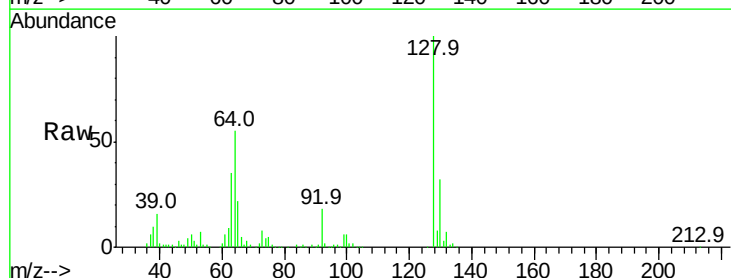
Tgt Ion: 128 Resp: 132253

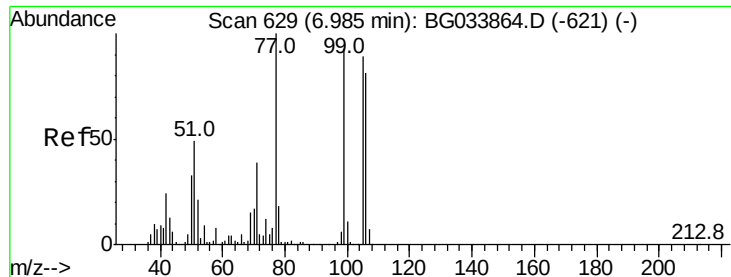
Ion Ratio Lower Upper

128 100

130 32.2 14.0 54.0

64 55.0 37.7 77.7





#9

Benzaldehyde

Concen: 41.277 ng

RT: 6.98 min Scan# 629

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

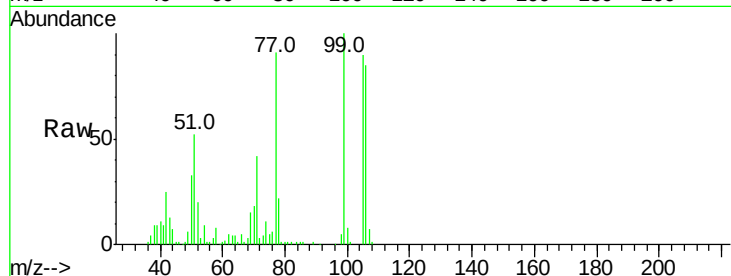
Tot Ion: 77 Resp: 89948

Ion Ratio Lower Upper

77 100

105 98.5 71.3 111.3

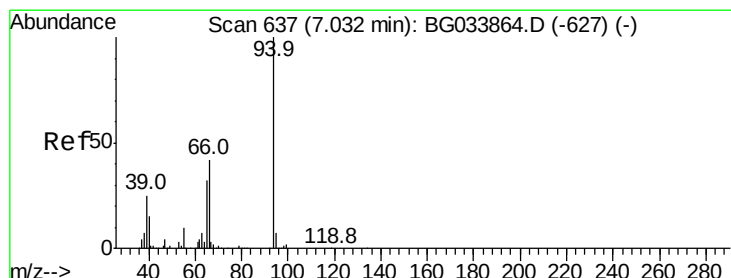
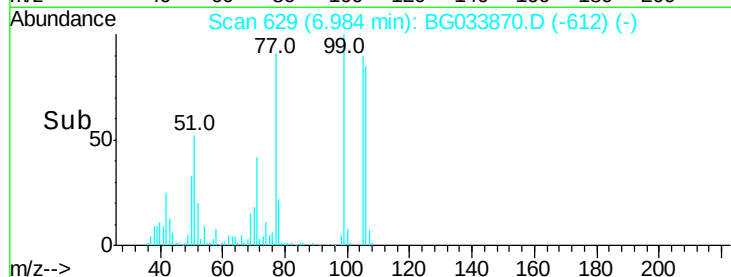
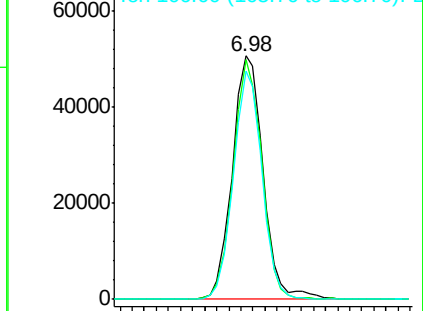
106 93.5 64.2 104.2



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: 41.417 ng

RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

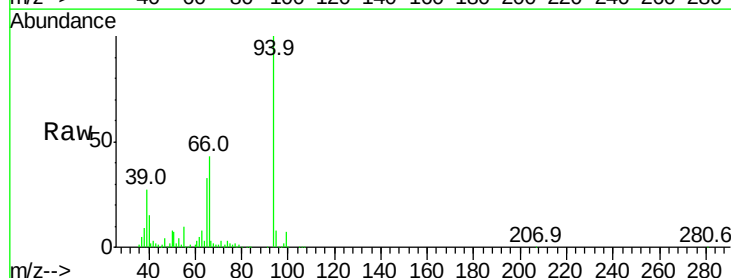
Tgt Ion: 94 Resp: 177831

Ion Ratio Lower Upper

94 100

65 33.0 11.9 51.9

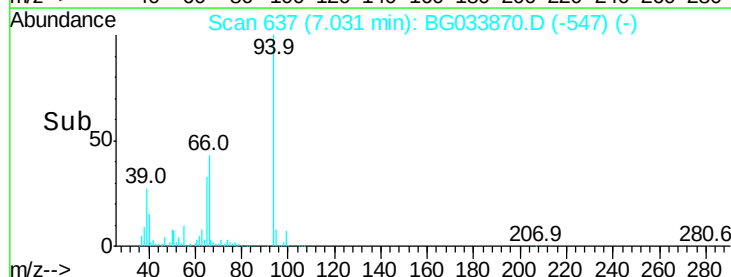
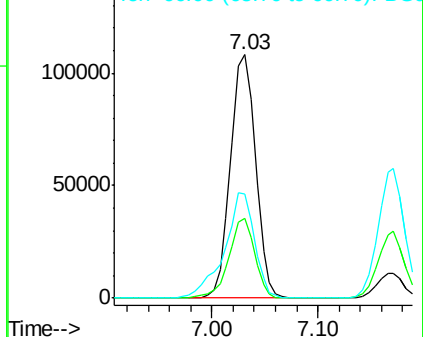
66 42.9 22.2 62.2

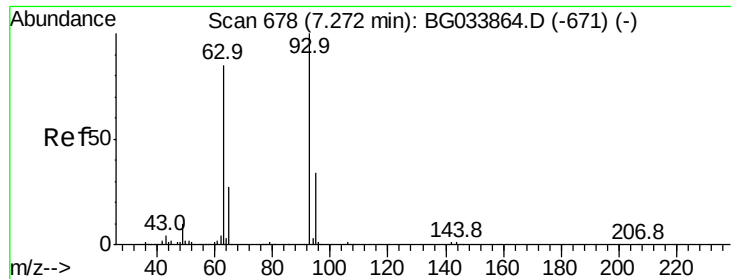


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

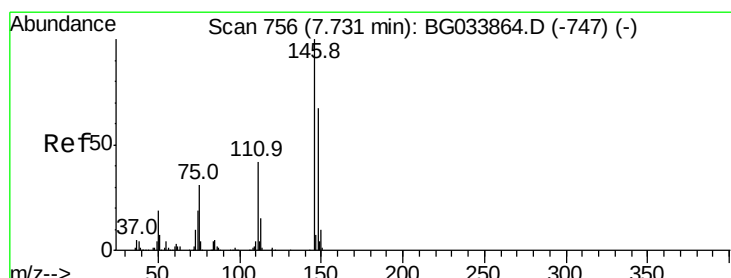
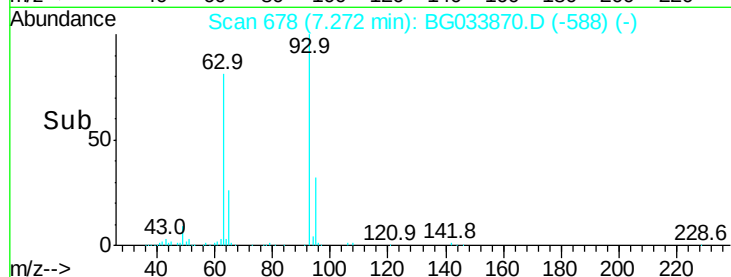
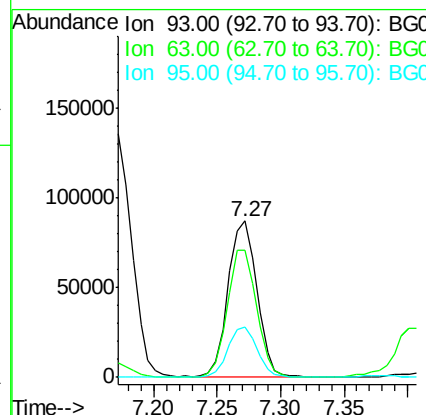
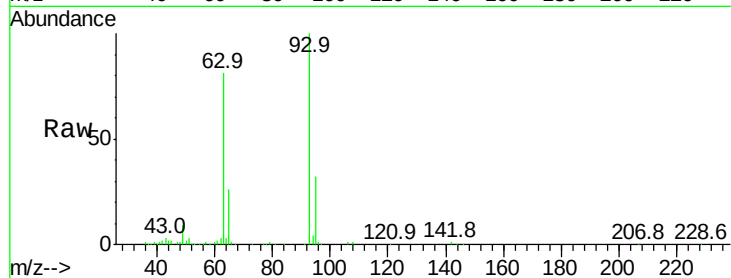




#11
bis(2-Chloroethyl)ether
Concen: 42.212 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

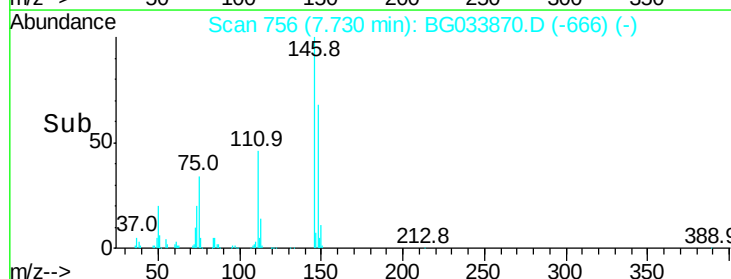
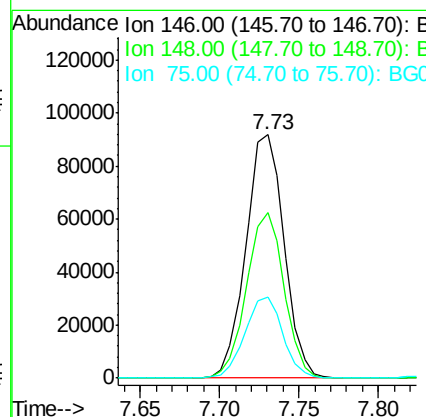
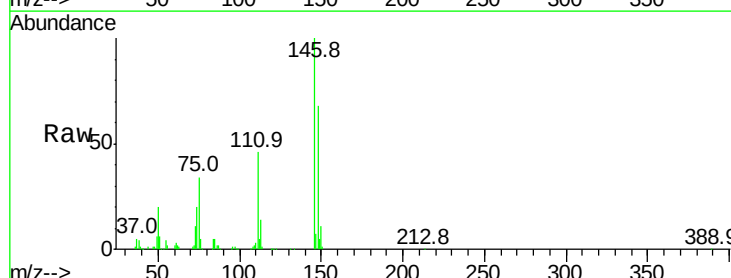
Instrument :
BNA_G
ClientSampleId :

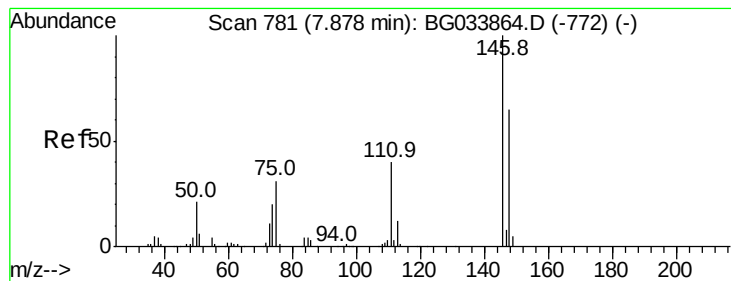
Tot Ion: 93 Resp: 138618
Ion Ratio Lower Upper
93 100
63 81.2 67.1 107.1
95 31.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.530 ng
RT: 7.73 min Scan# 756
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion: 146 Resp: 153933
Ion Ratio Lower Upper
146 100
148 68.1 51.4 77.2
75 33.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.276 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

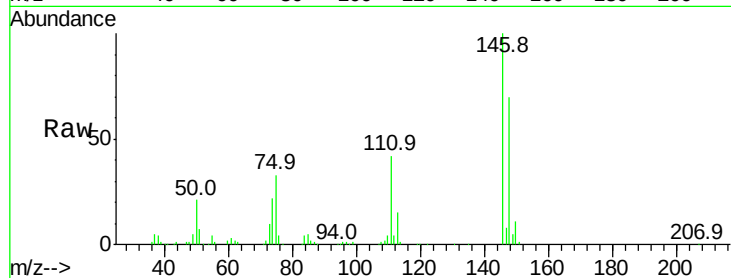
Tot Ion:146 Resp: 154957

Ion Ratio Lower Upper

146 100

148 69.9 53.7 80.5

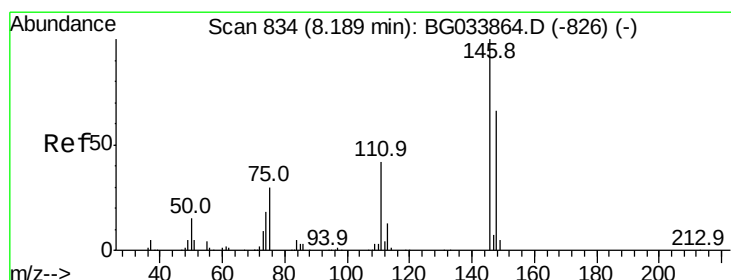
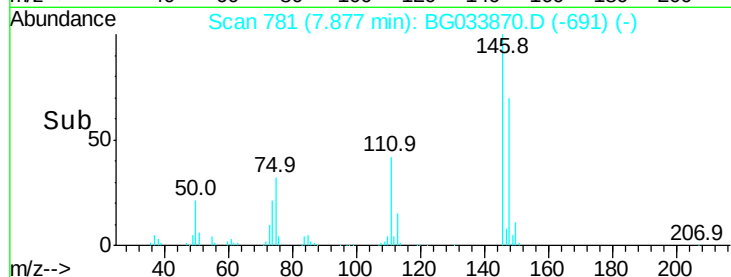
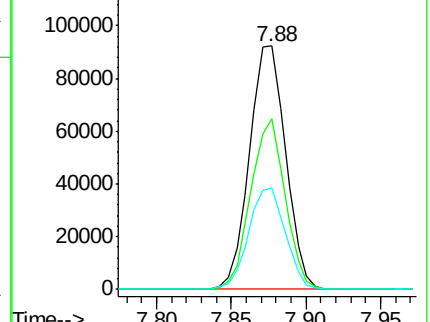
111 41.5 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.429 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

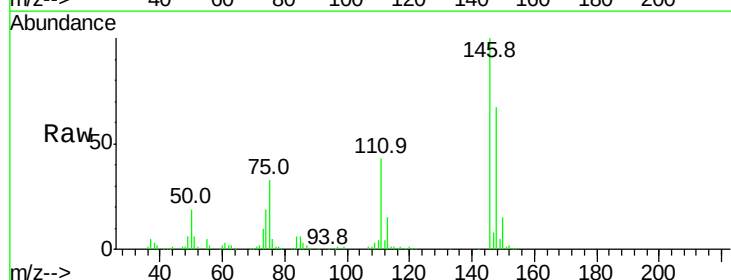
Tgt Ion:146 Resp: 151251

Ion Ratio Lower Upper

146 100

148 67.0 49.3 73.9

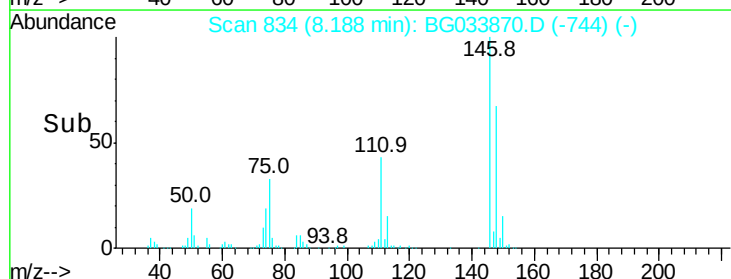
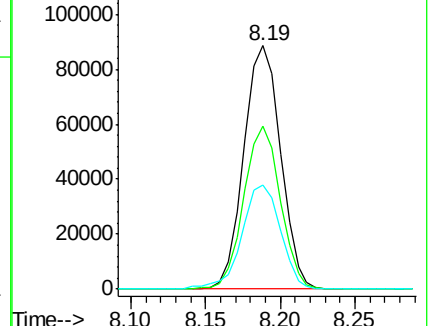
111 42.8 34.3 51.5

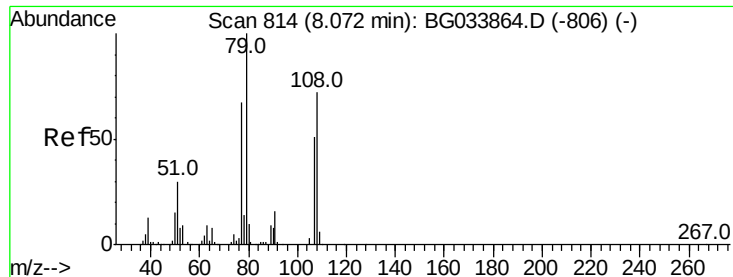


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.050 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

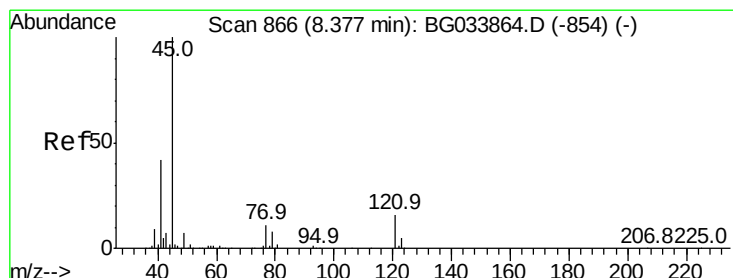
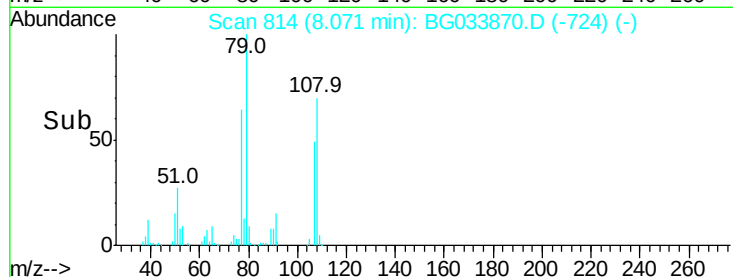
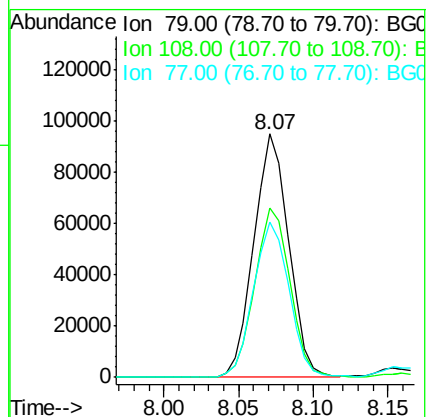
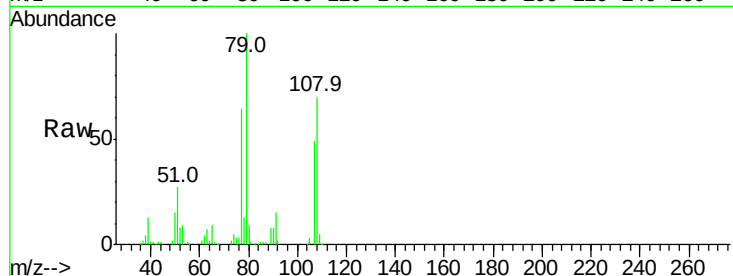
Tot Ion: 79 Resp: 153682

Ion Ratio Lower Upper

79 100

108 69.8 57.2 85.8

77 64.0 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.789 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

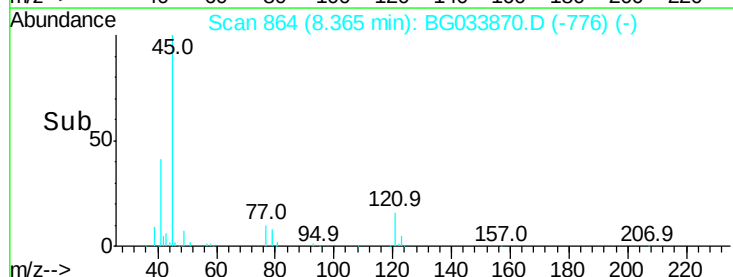
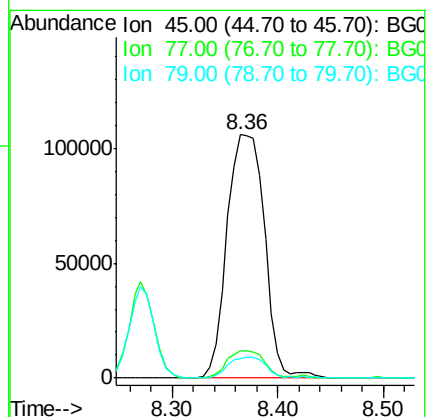
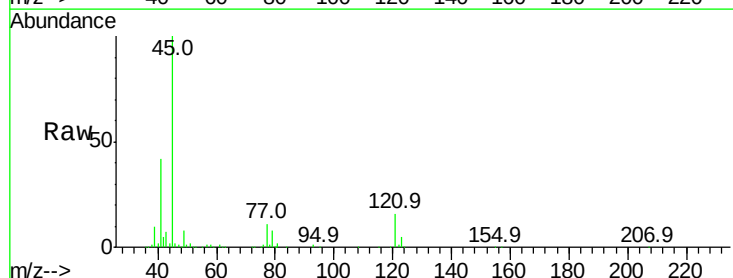
Tgt Ion: 45 Resp: 261251

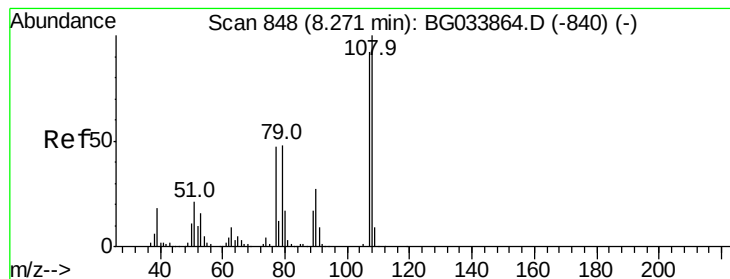
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

79 8.1 0.0 27.9

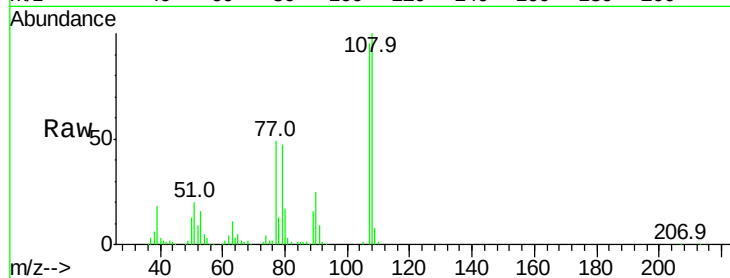




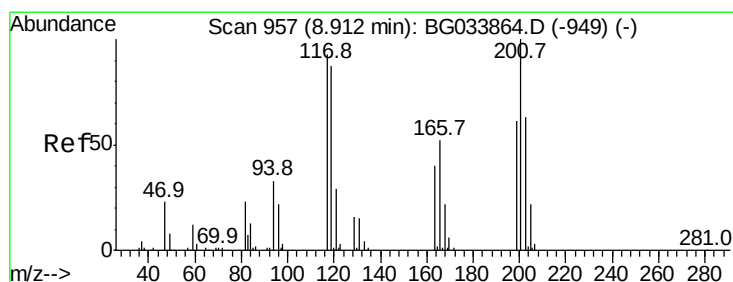
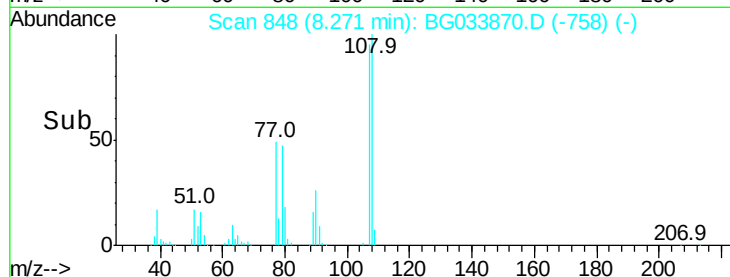
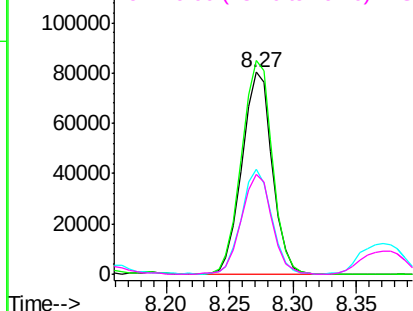
#17
2-Methylphenol
Concen: 41.900 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	133318
Ion	Ratio	Lower	Upper
107	100		
108	105.8	83.9	125.9
77	52.0	37.2	55.8
79	49.6	36.2	54.2

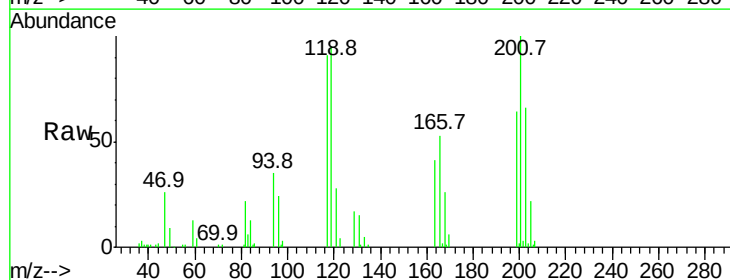


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

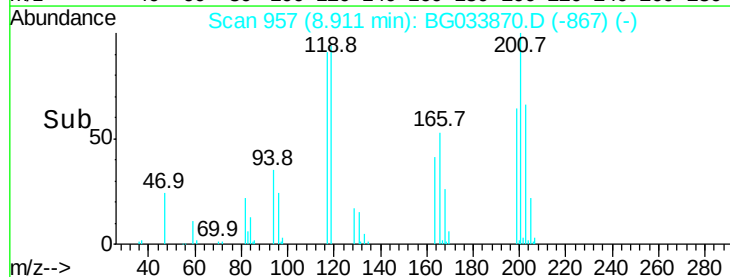
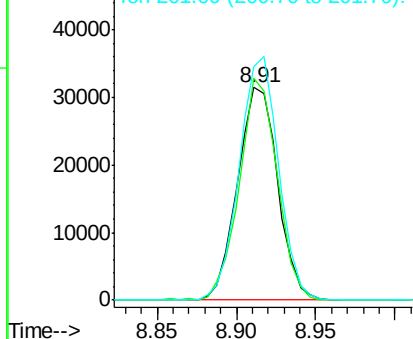


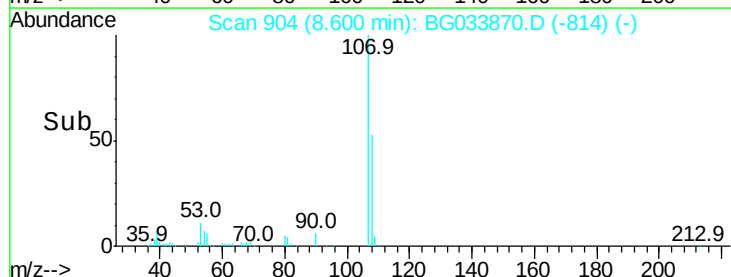
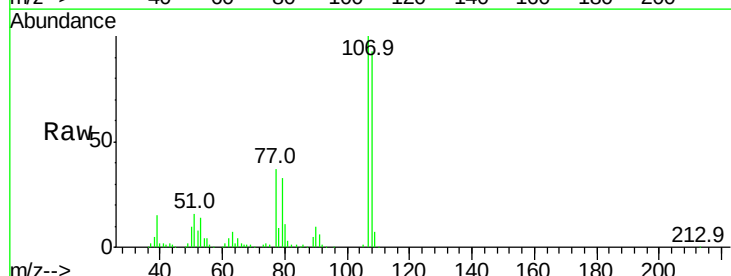
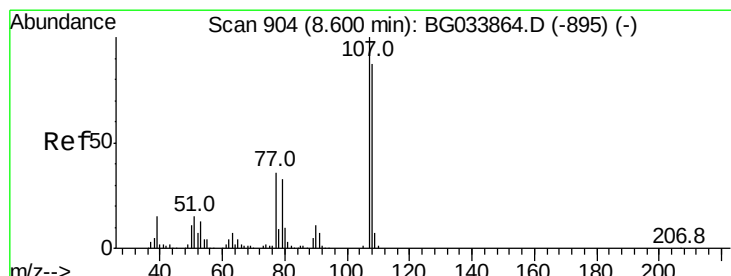
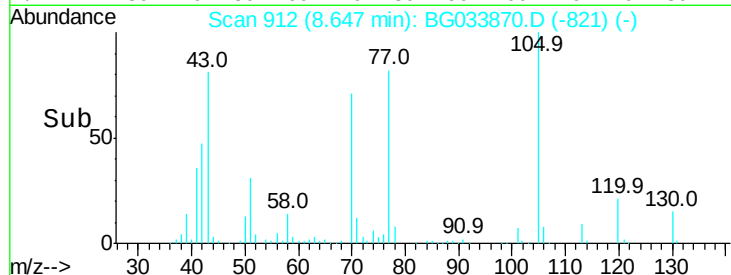
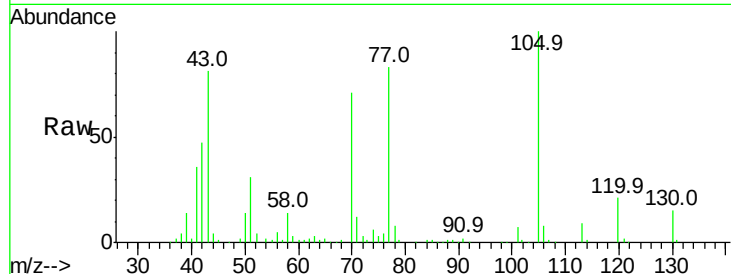
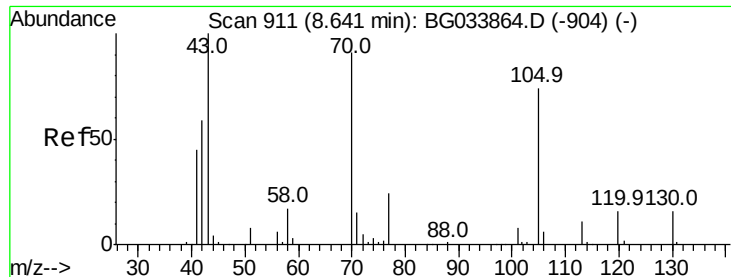
#18
Hexachloroethane
Concen: 40.334 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:	117	Resp:	55331
Ion	Ratio	Lower	Upper
117	100		
119	104.2	76.7	115.1
201	113.2	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

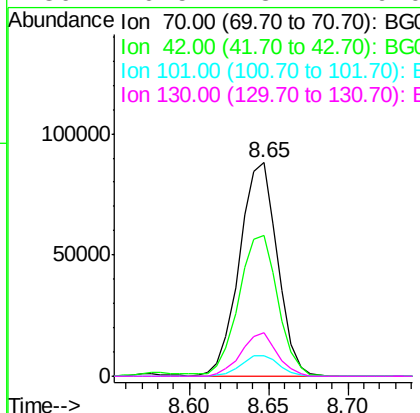




#19
n-Nitroso-di-n-propylamine
Concen: 41.099 ng
RT: 8.65 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

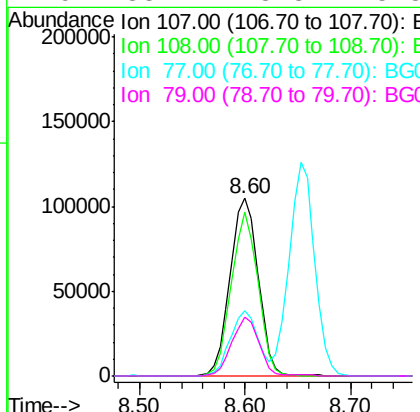
Instrument :
BNA_G
ClientSampleId :

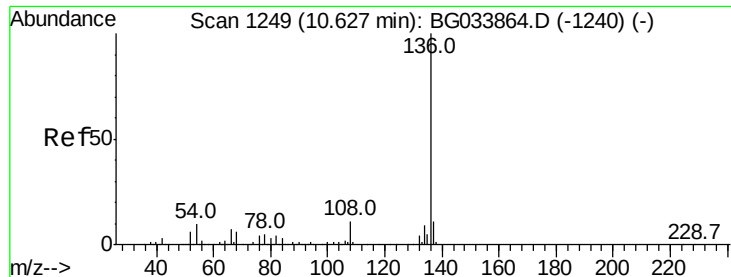
Tot Ion: 70 Resp: 146832
Ion Ratio Lower Upper
70 100
42 65.9 49.1 73.7
101 9.8 8.5 12.7
130 20.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 41.709 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:107 Resp: 192832
Ion Ratio Lower Upper
107 100
108 92.6 61.6 101.6
77 36.7 13.9 53.9
79 33.1 8.8 48.8

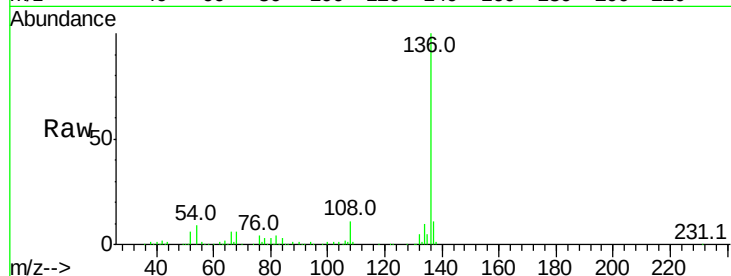




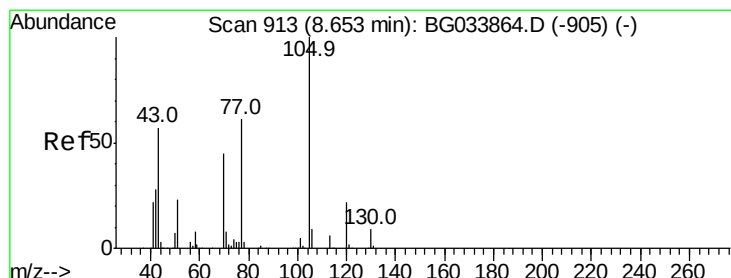
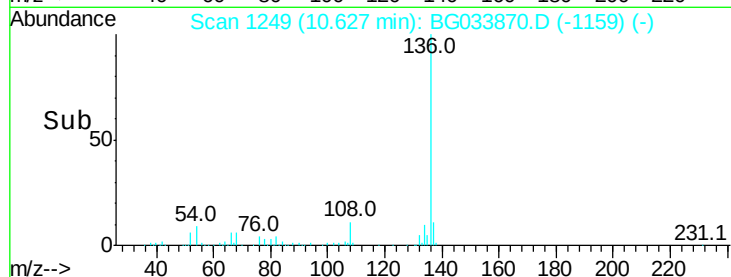
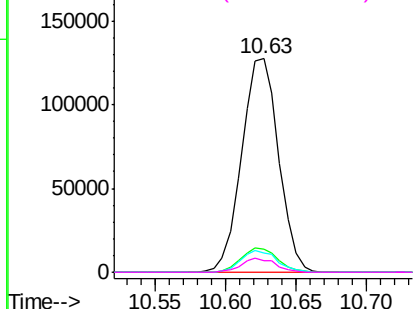
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	233146
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.1	10.3 15.5#
68	5.7	4.5 6.7

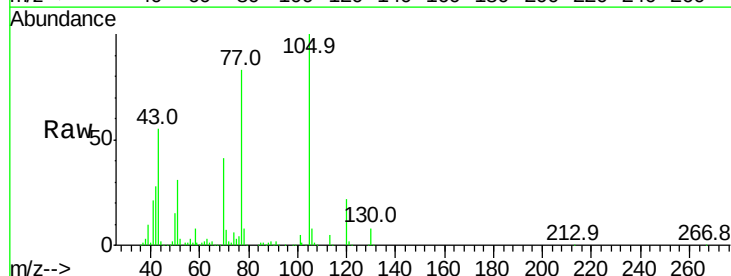


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

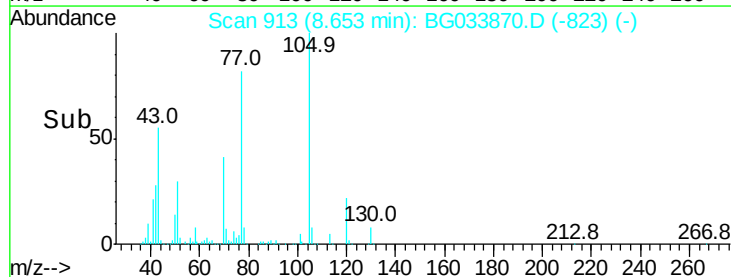
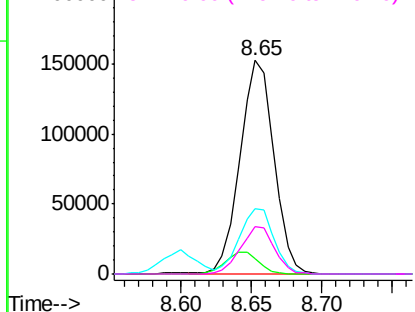


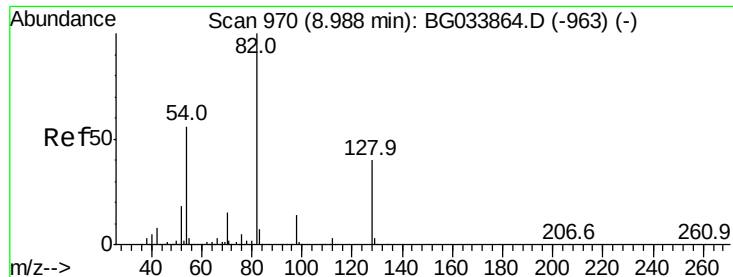
#22
Acetophenone
Concen: 40.586 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:105	Resp:	257544
Ion Ratio	Lower	Upper
105	100	
71	7.0	3.0 4.4#
51	30.6	26.1 39.1
120	22.2	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

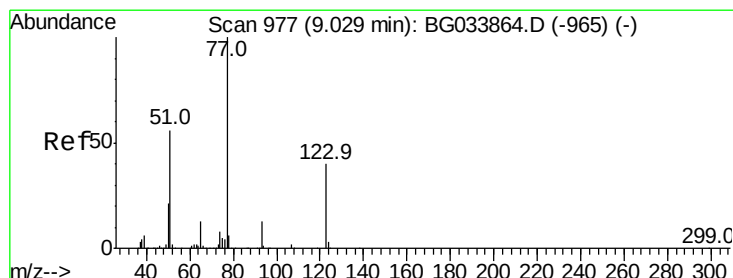
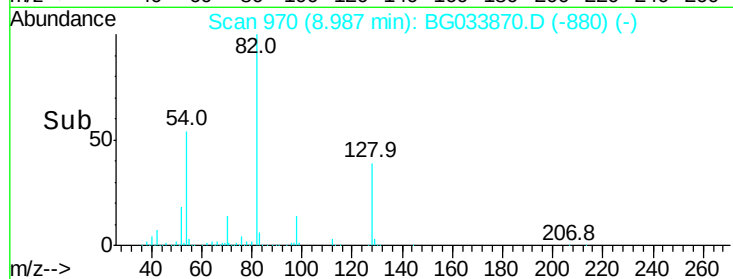
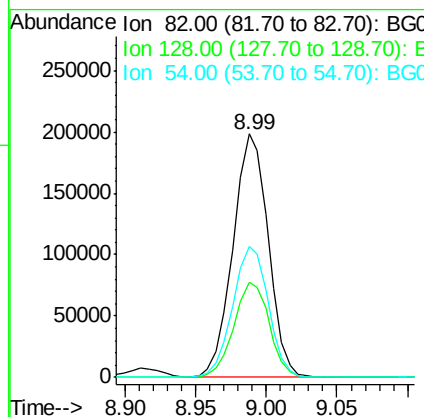
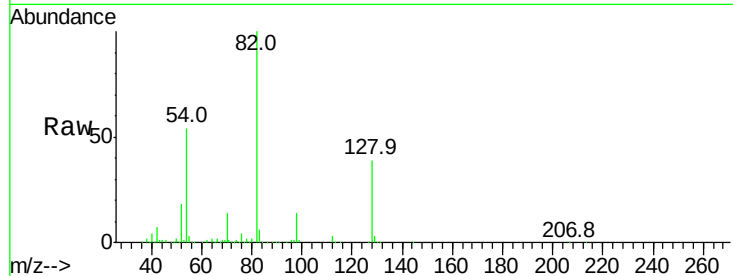




#23
 Nitrobenzene-d5
 Concen: 84.175 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

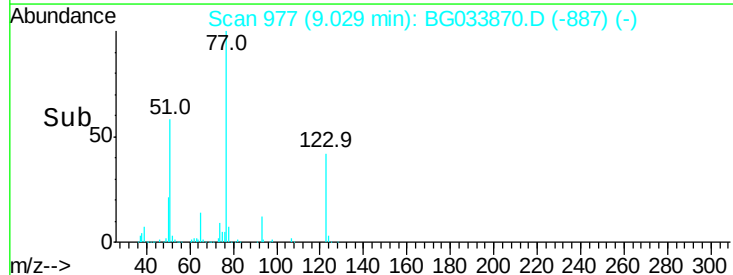
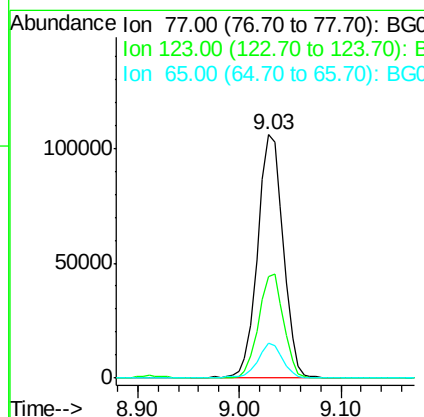
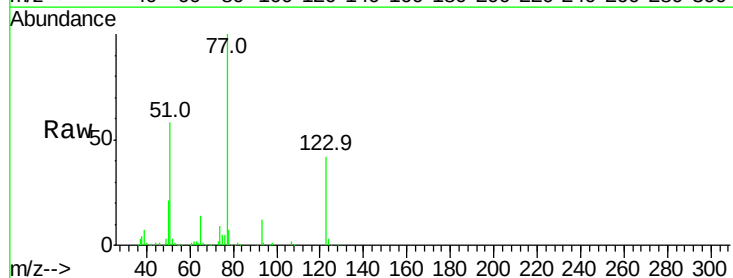
Instrument :
 BNA_G
 ClientSampleId :

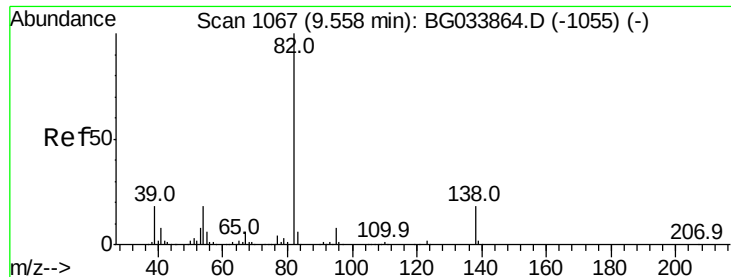
Tot Ion	82	Resp	344845
Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.7	44.5
54	54.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 41.574 ng
 RT: 9.03 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	77	Resp	185596
Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 40.489 ng

RT: 9.56 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

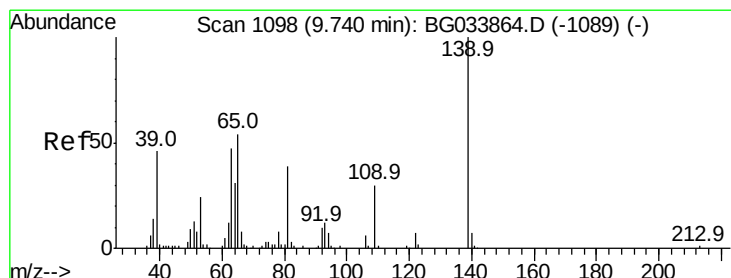
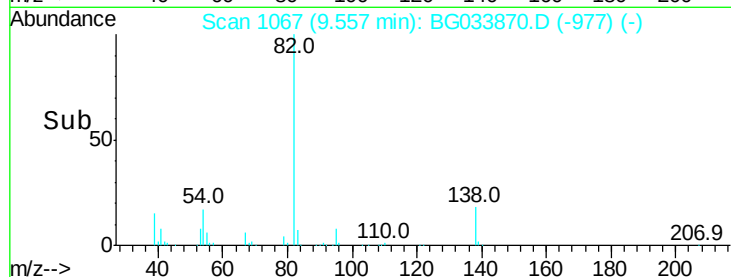
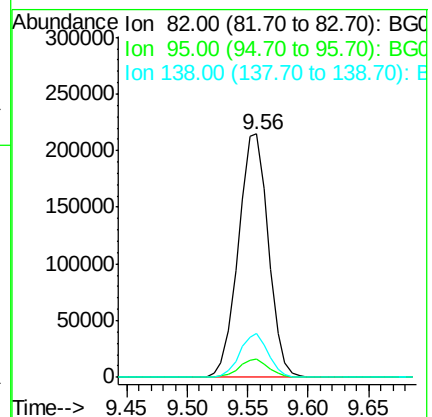
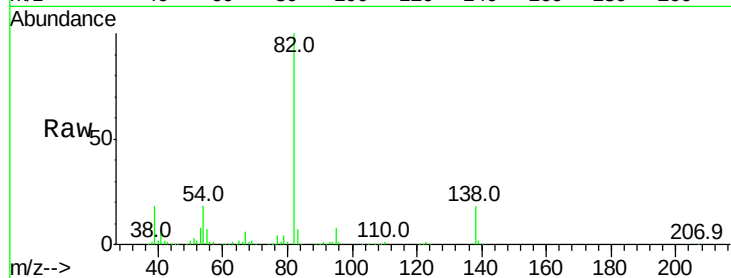
Tot Ion: 82 Resp: 372936

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 18.0 12.1 18.1



#26

2-Nitrophenol

Concen: 42.719 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

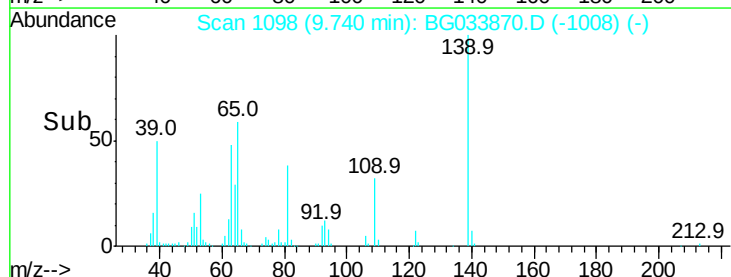
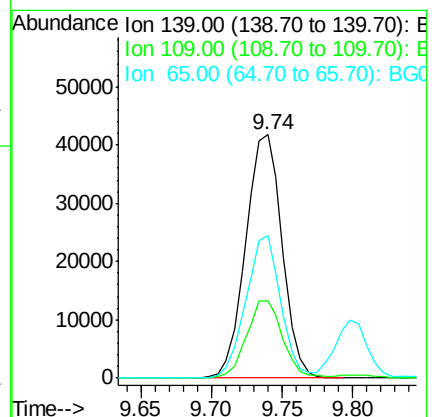
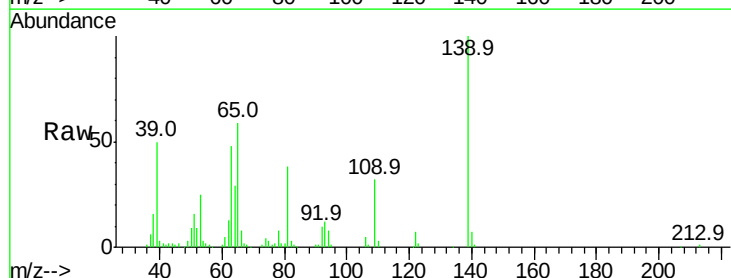
Tgt Ion: 139 Resp: 75354

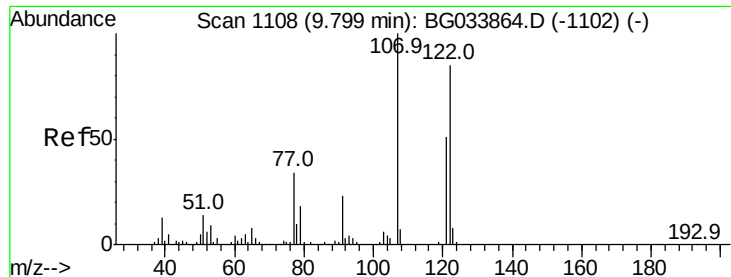
Ion Ratio Lower Upper

139 100

109 31.7 24.2 36.2

65 58.5 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 40.488 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

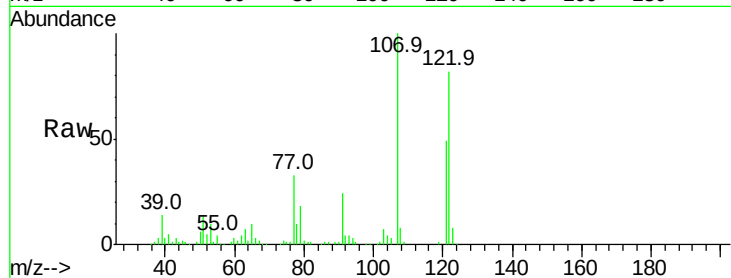
Tot Ion:122 Resp: 133583

Ion Ratio Lower Upper

122 100

107 121.7 100.2 150.2

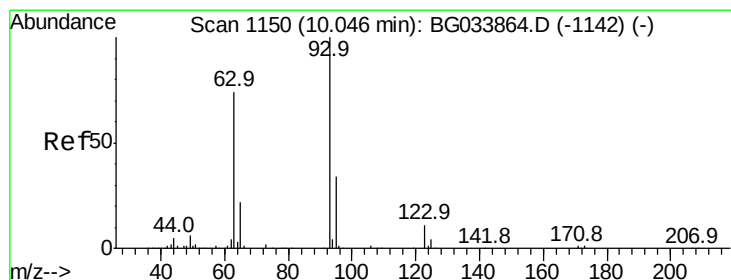
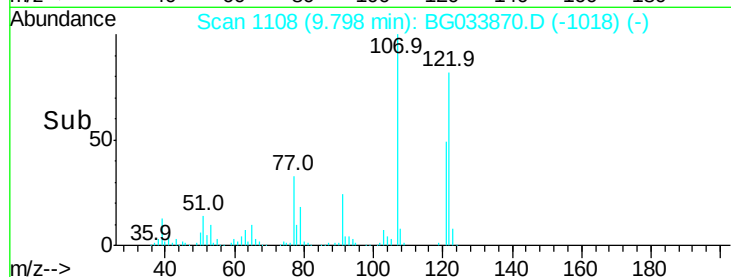
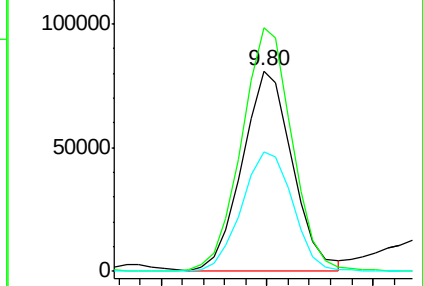
121 59.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.393 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

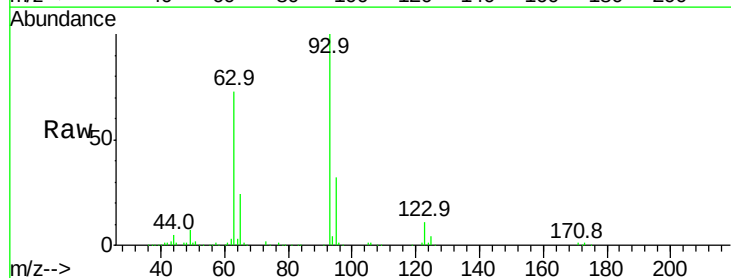
Tgt Ion: 93 Resp: 201495

Ion Ratio Lower Upper

93 100

95 32.1 24.3 36.5

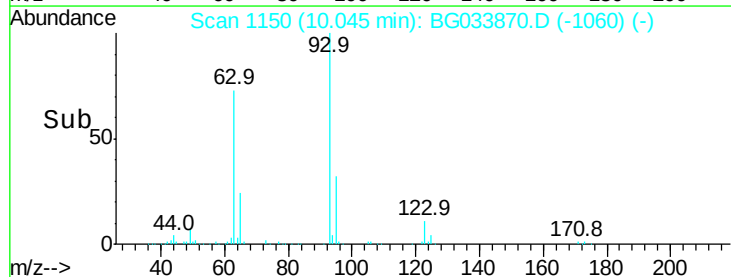
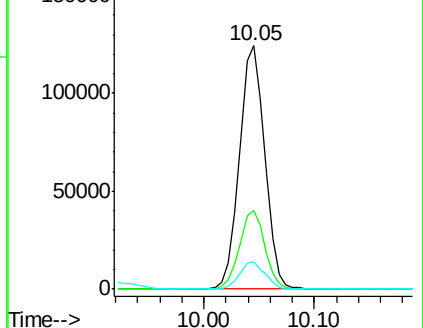
123 11.3 8.4 12.6

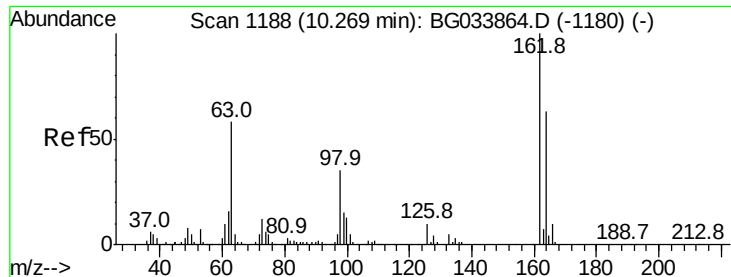


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

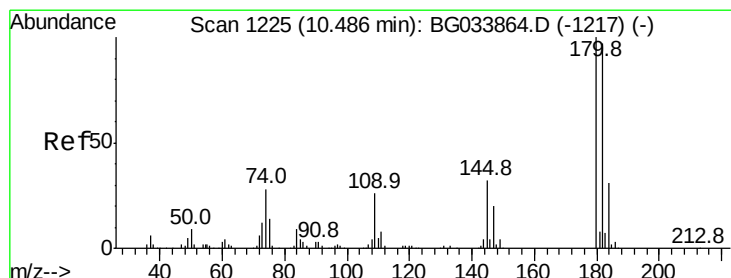
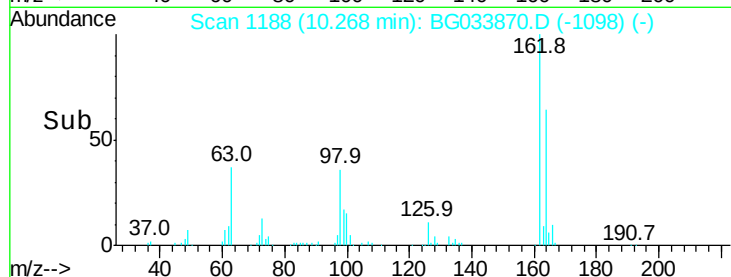
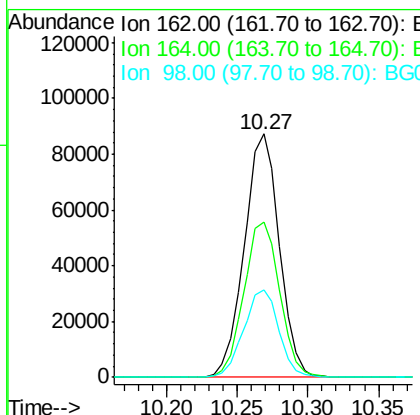
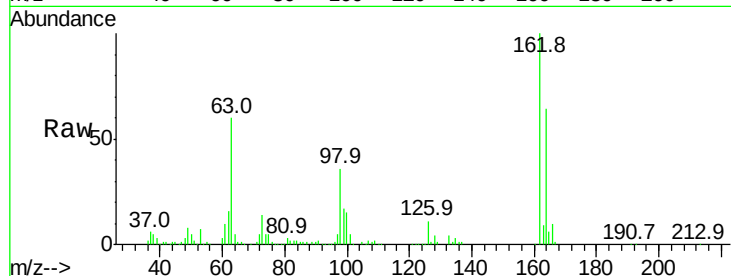




#29
 2,4-Dichlorophenol
 Concen: 41.243 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

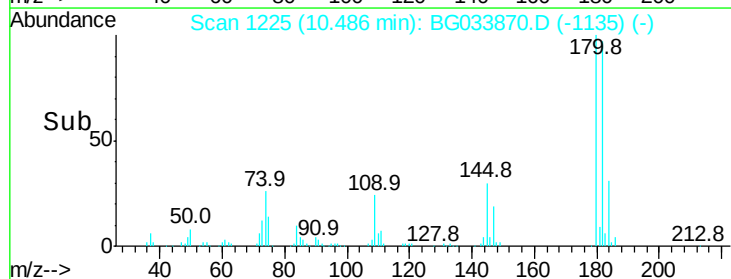
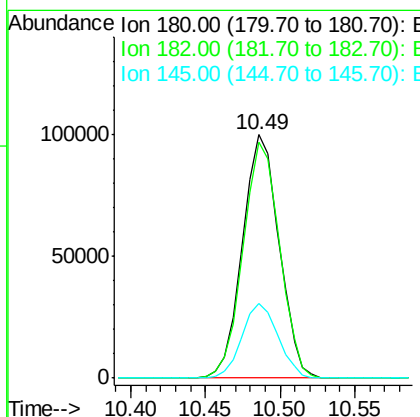
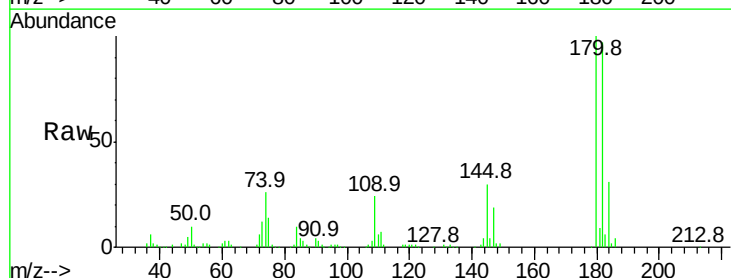
Instrument :
 BNA_G
 ClientSampleId :

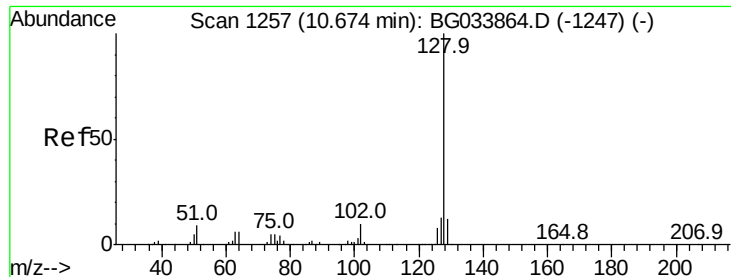
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.0	88.0
98	35.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.137 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	30.5	23.4	35.2

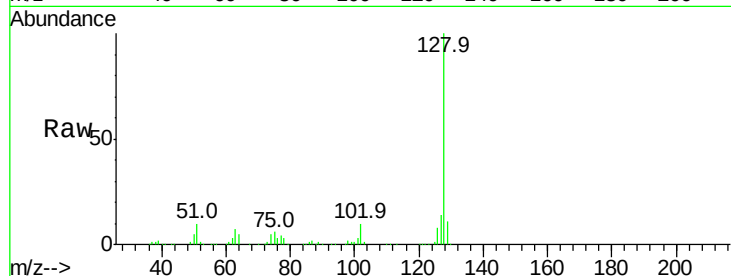




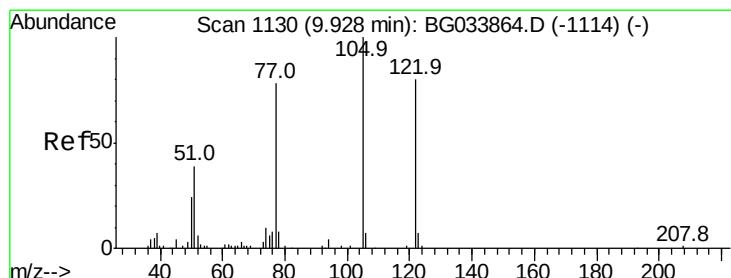
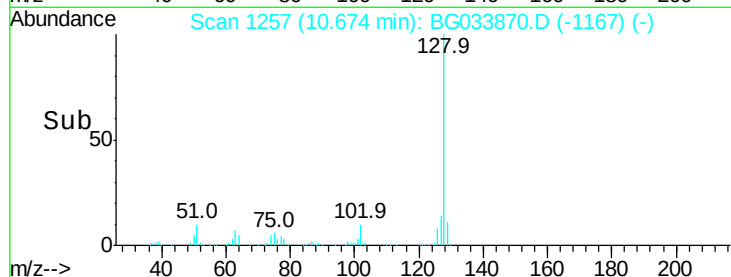
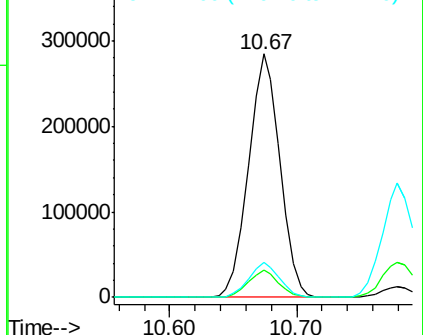
#31
Naphthalene
Concen: 40.822 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.4	11.6	17.4

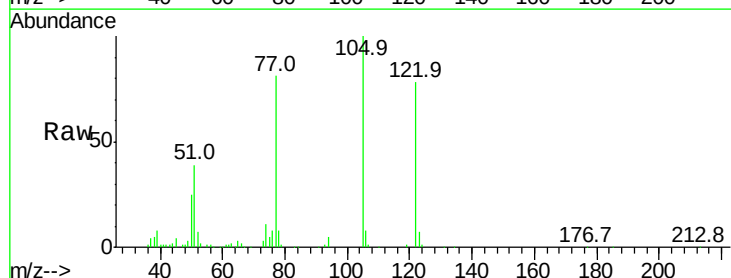


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

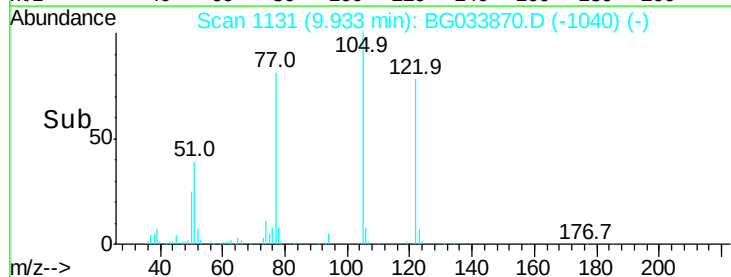
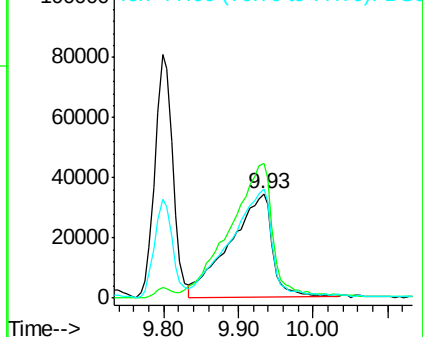


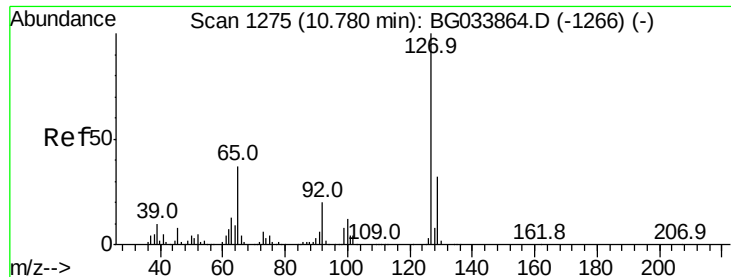
#32
Benzoic acid
Concen: 41.970 ng
RT: 9.93 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	123.5	163.5
77	104.7	85.7	125.7



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

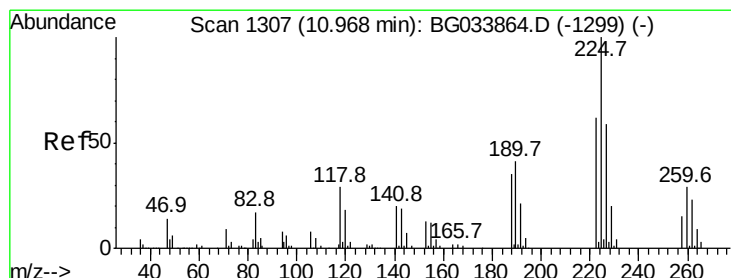
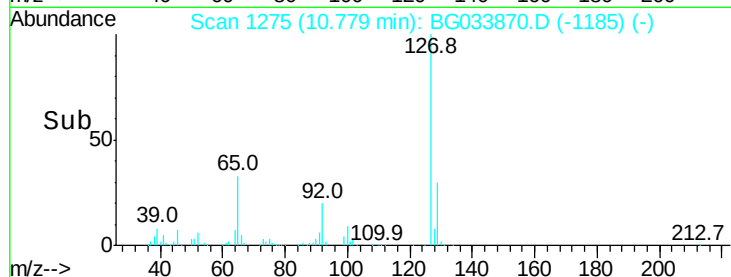
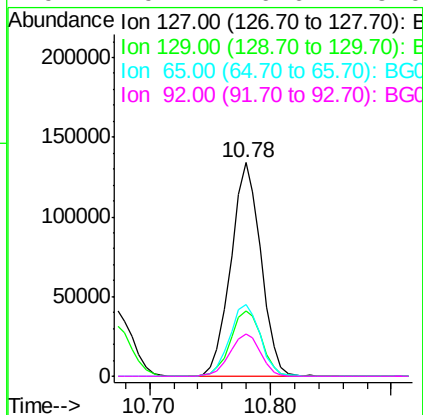
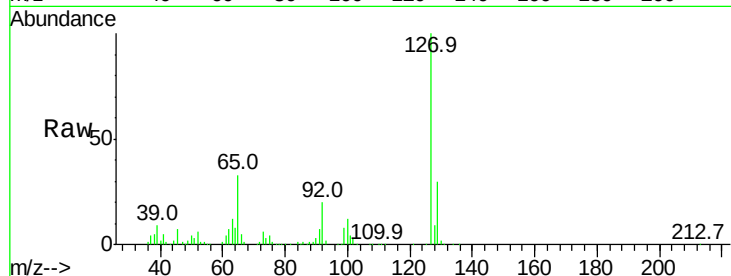




#33
4-Chloroaniline
Concen: 41.047 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

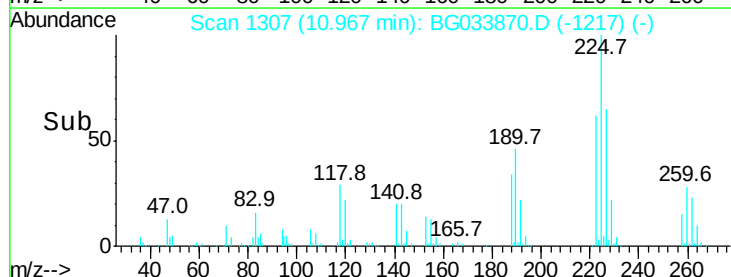
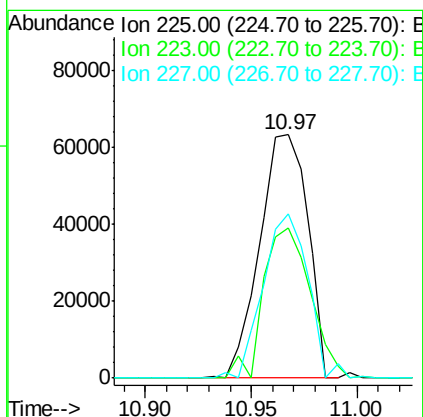
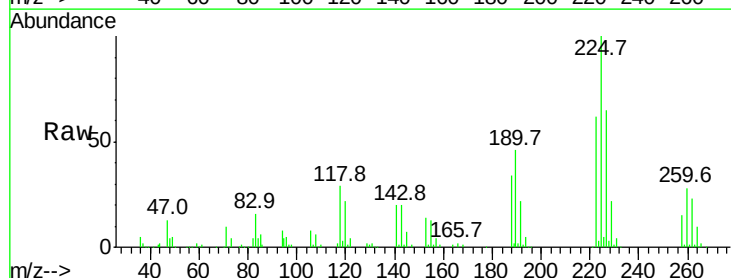
Instrument :
BNA_G
ClientSampleId :

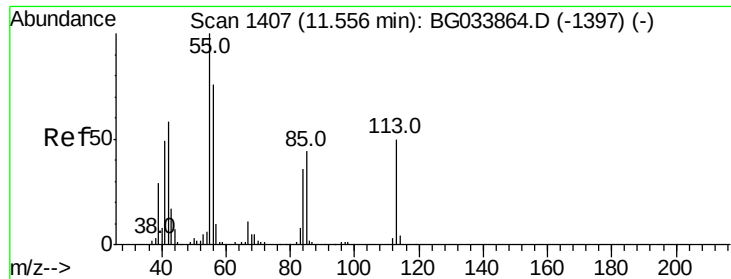
Tot Ion:	127	Resp:	231313
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.0	36.0
65	33.4	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.752 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:	225	Resp:	100427
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	64.2	48.1	72.1





#35

Caprolactam

Concen: 41.543 ng

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

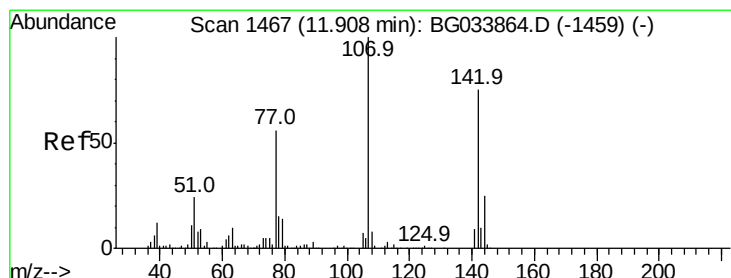
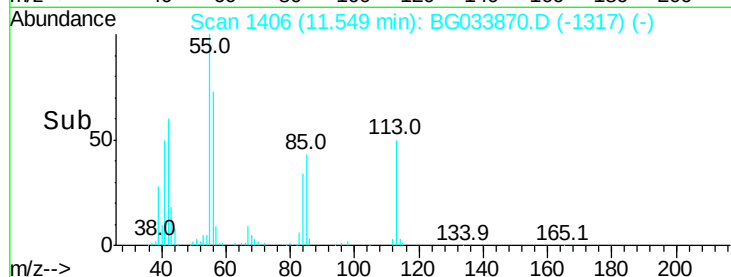
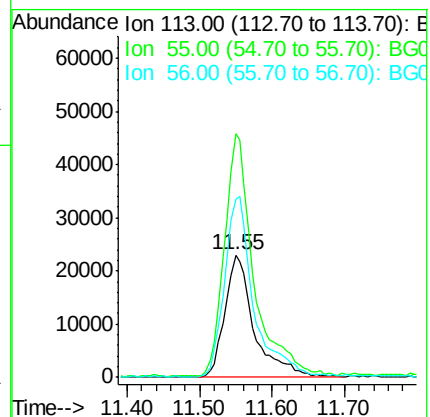
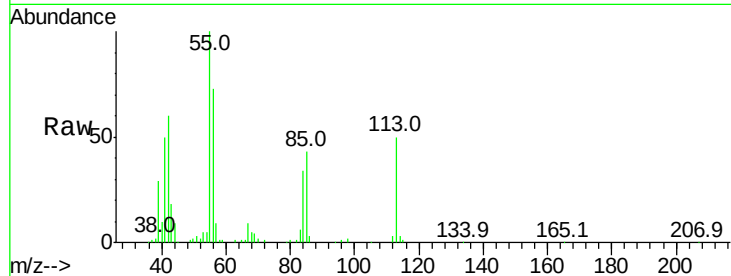
Tot Ion:113 Resp: 64963

Ion Ratio Lower Upper

113 100

55 199.3 186.9 226.9

56 145.7 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 40.450 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

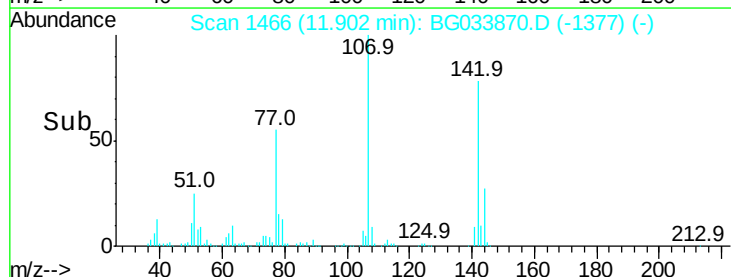
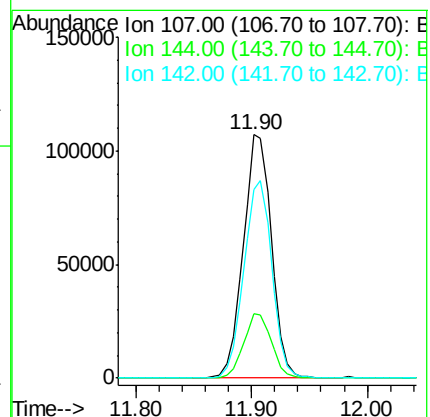
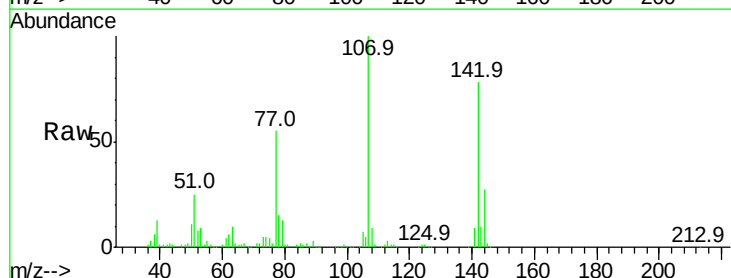
Tgt Ion:107 Resp: 181582

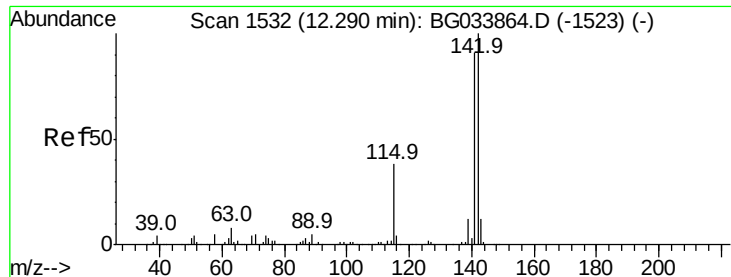
Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

142 77.7 59.0 88.4

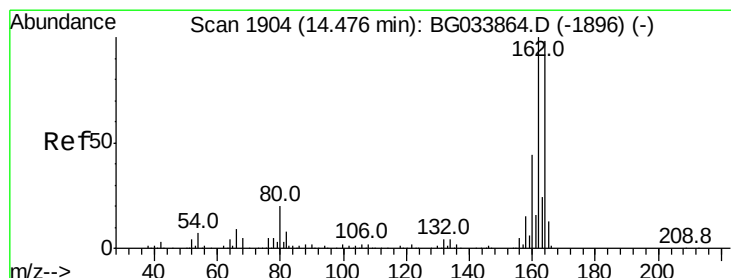
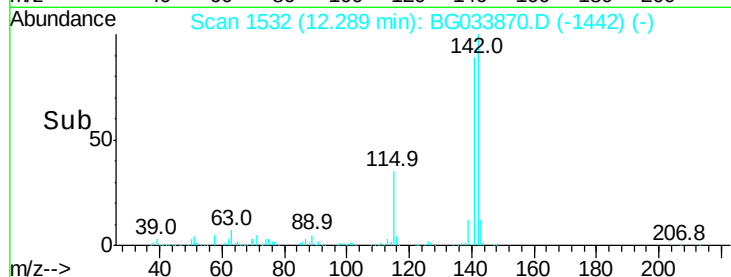
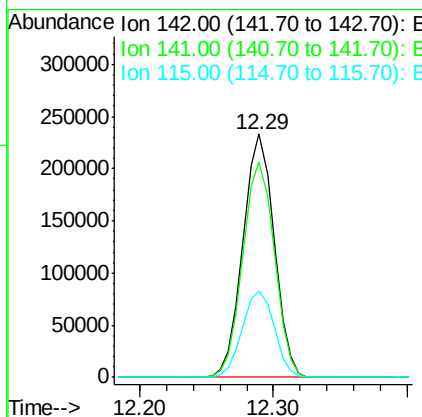
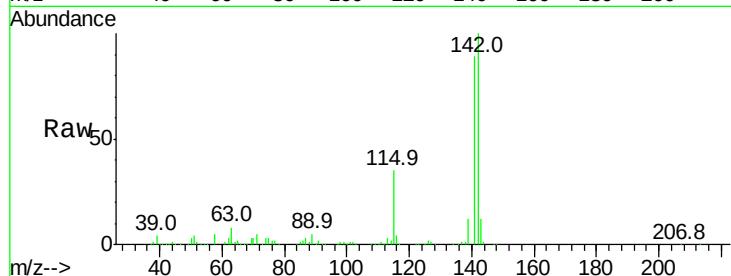




#37
2-Methylnaphthalene
Concen: 40.949 ng
RT: 12.29 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

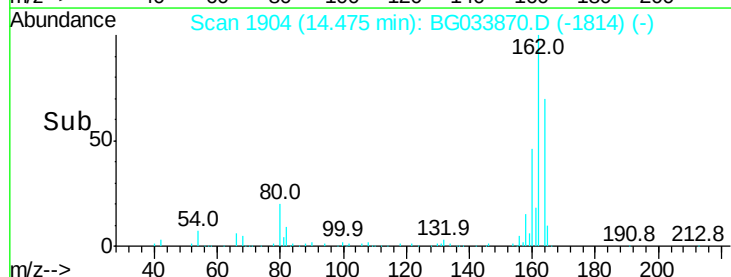
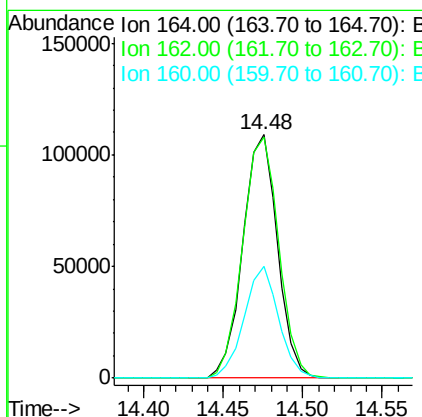
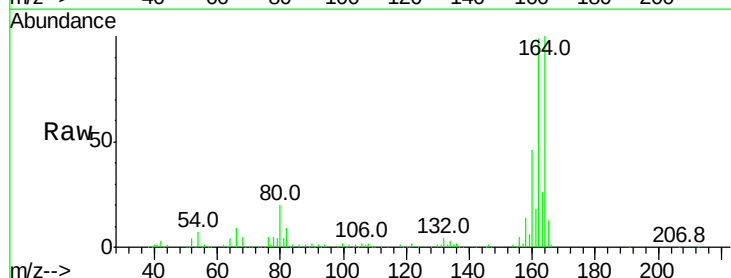
Instrument :
BNA_G
ClientSampleId :

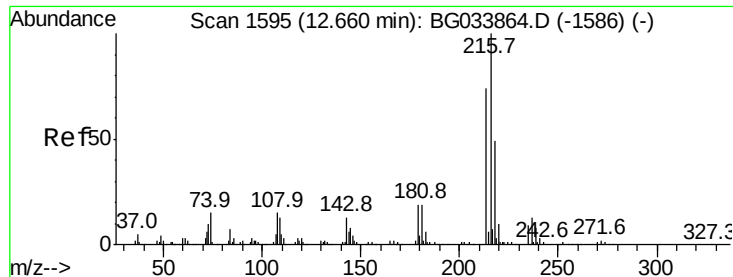
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	67.1	100.7
115	35.5	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	46.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.067 ng

RT: 12.65 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 219218

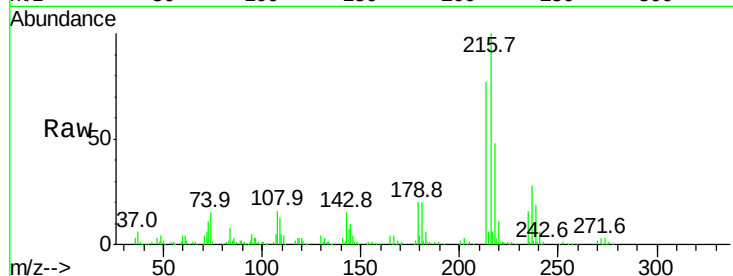
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 19.5 17.0 25.6

108 16.3 12.8 19.2

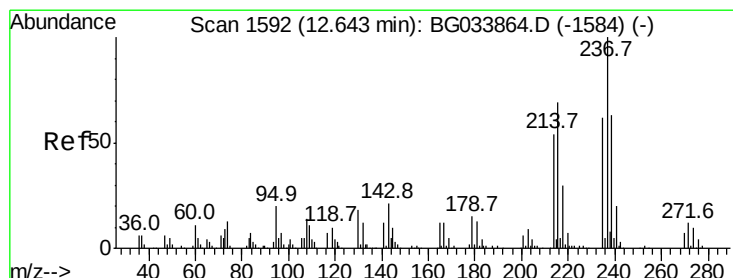
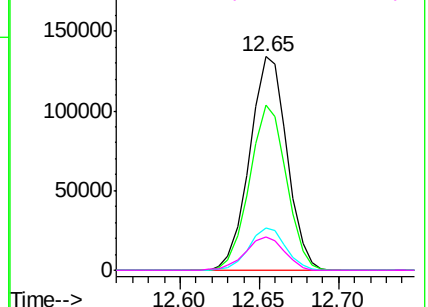
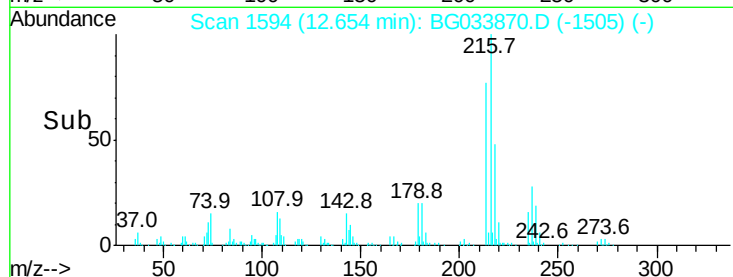


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.873 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

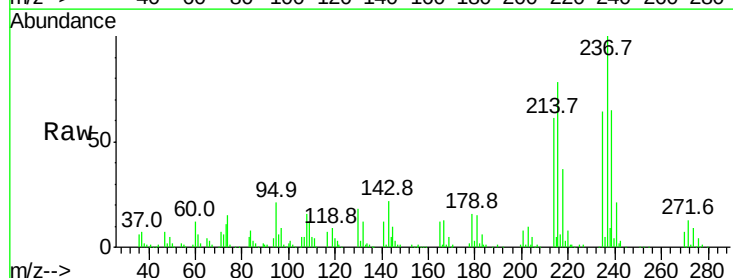
Tgt Ion:237 Resp: 116945

Ion Ratio Lower Upper

237 100

235 69.1 50.4 90.4

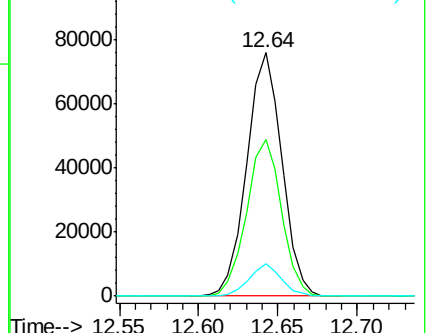
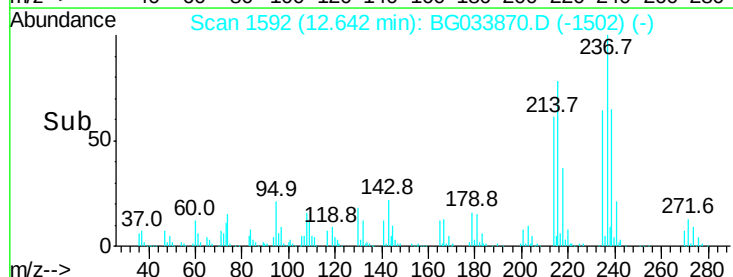
272 13.1 0.0 31.8

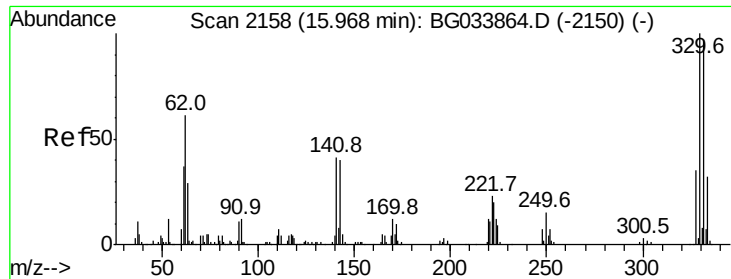


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

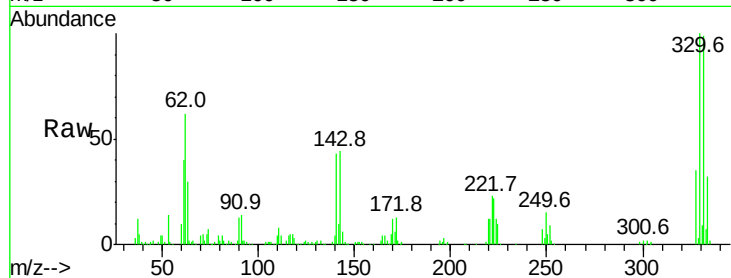




#41
 2,4,6-Tribromophenol
 Concen: 85.010 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	42.5	25.2	37.8#

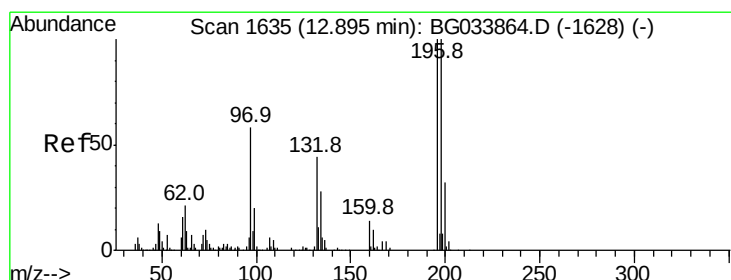
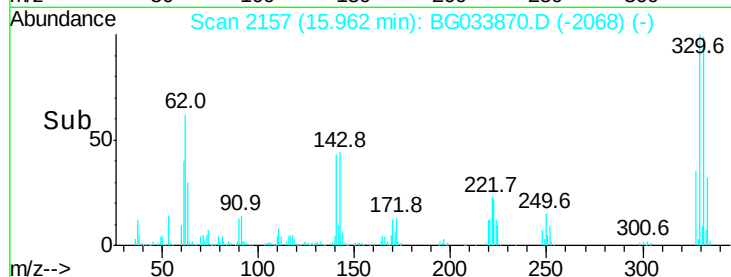
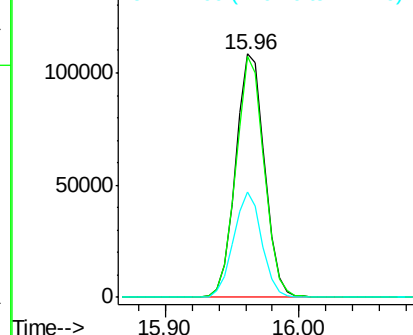


Abundance

Ion 329.80 (329.50 to 330.50): E

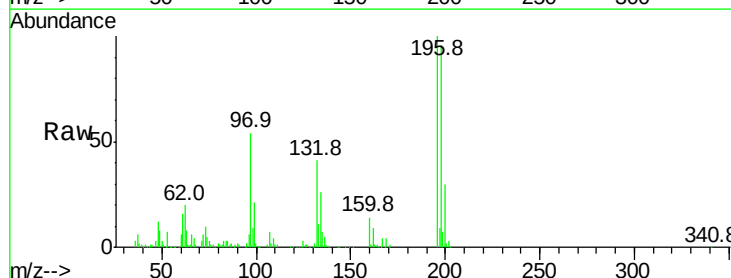
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.890 ng
 RT: 12.89 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.2	117.2
200	32.6	24.6	36.8

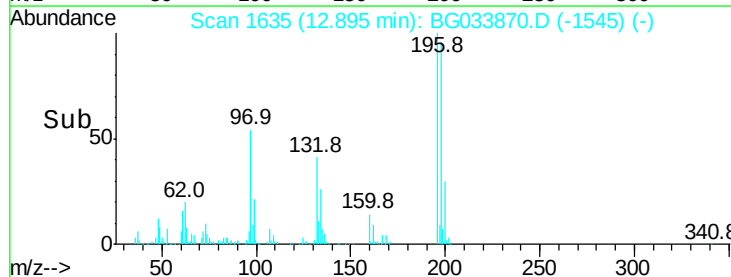
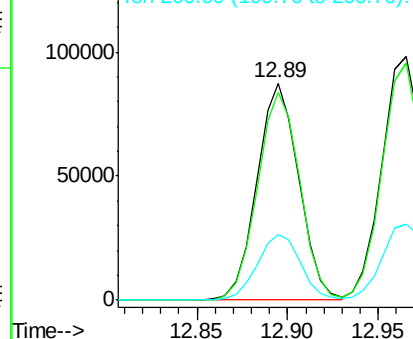


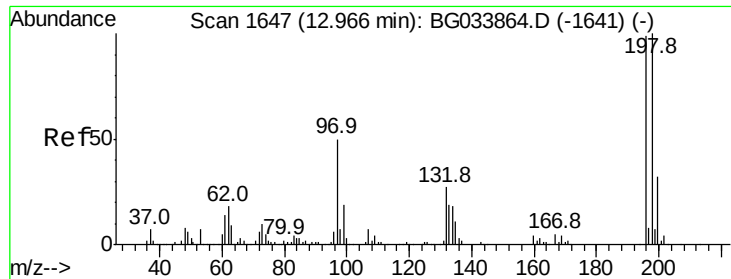
Abundance

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

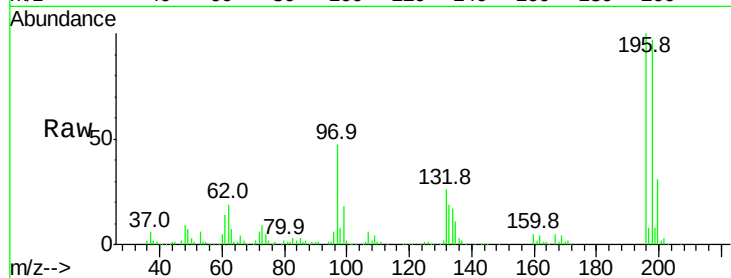




#43
 2,4,5-Trichlorophenol
 Concen: 41.562 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.2	114.4
97	46.7	38.7	58.1
132	26.5	20.2	30.2



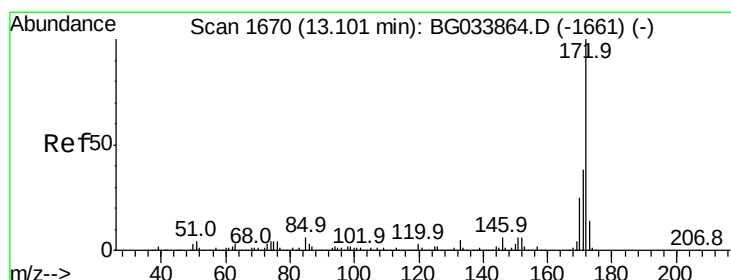
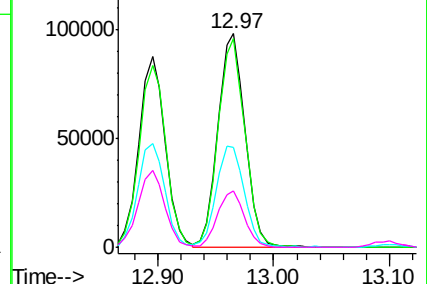
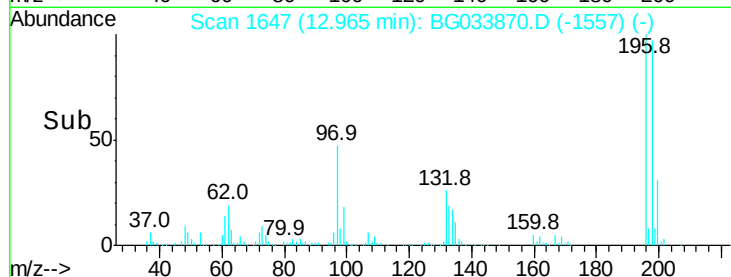
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

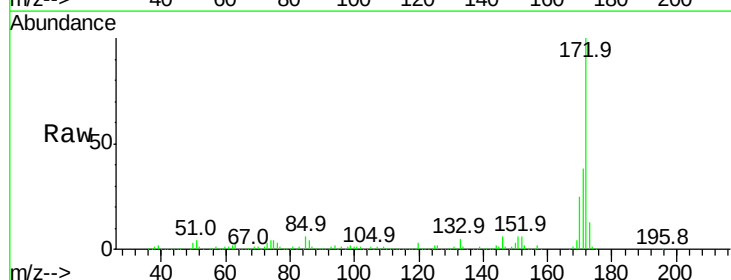
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.244 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.2	19.5	29.3

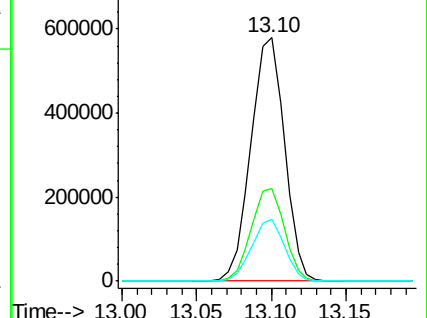
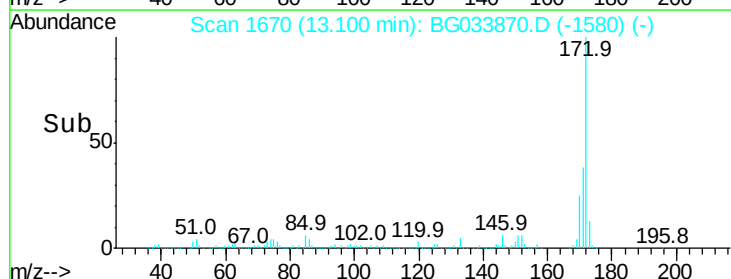


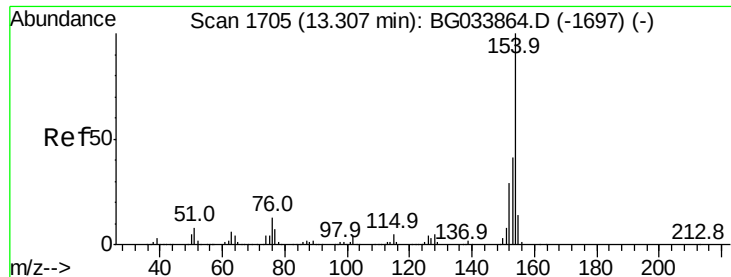
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.039 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

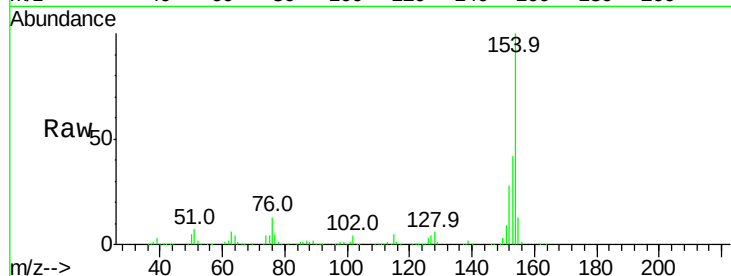
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 534037

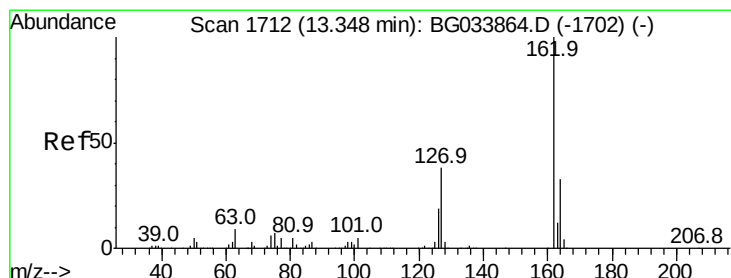
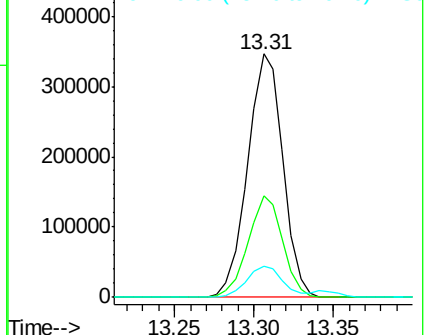
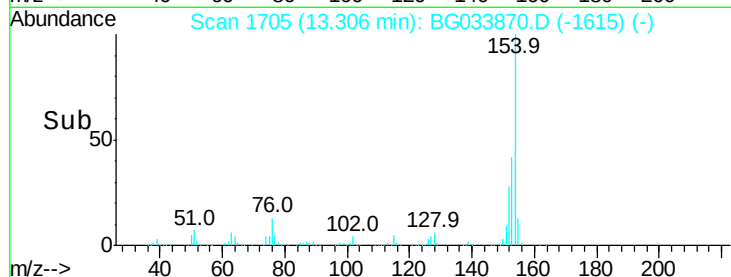
Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	13.0	0.0	31.9



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: 39.919 ng

RT: 13.34 min Scan# 1711

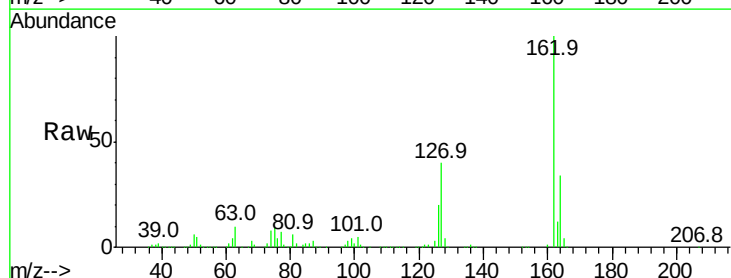
Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Tgt Ion:162 Resp: 403719

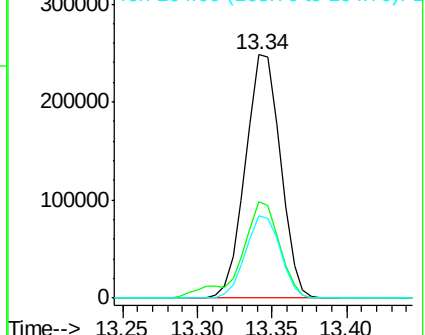
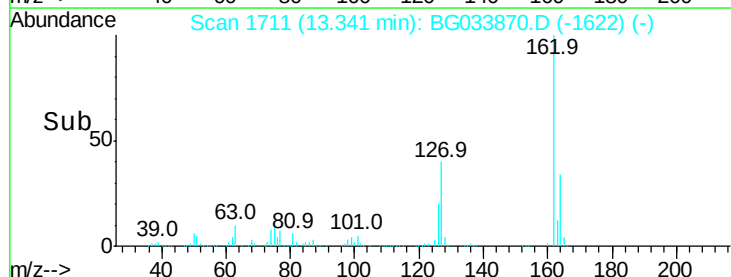
Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.7	46.1
164	33.8	26.0	39.0

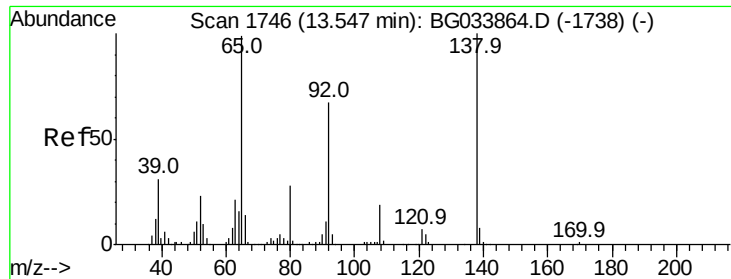


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

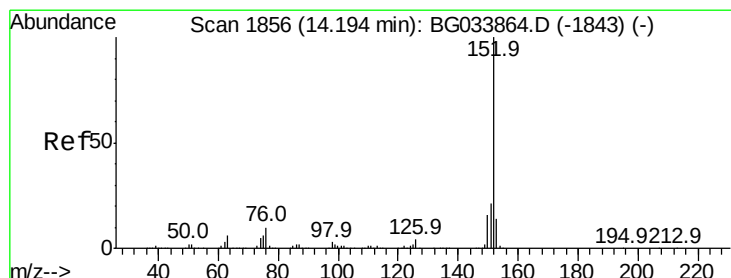
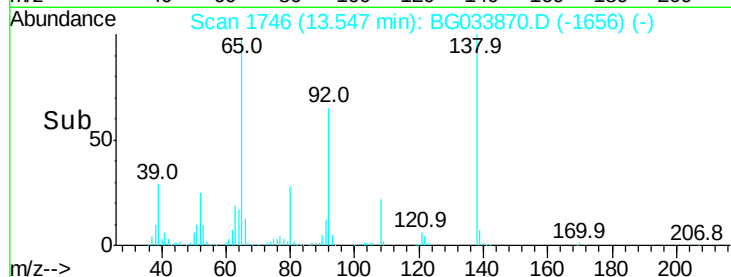
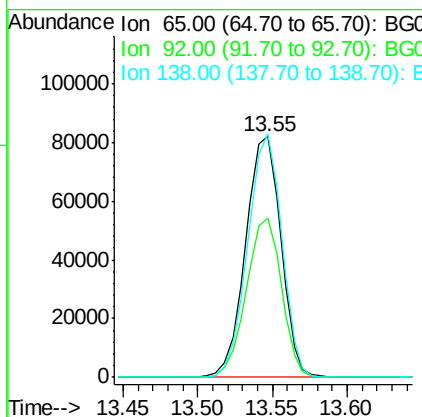
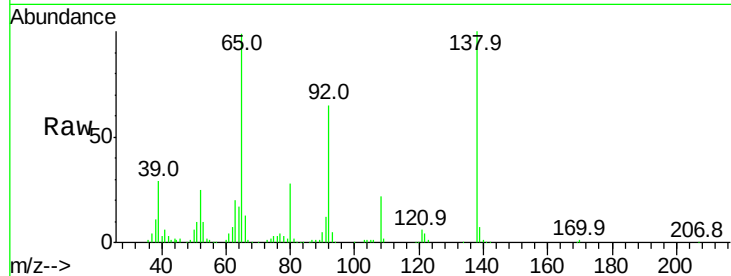




#47
2-Nitroaniline
Concen: 42.389 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

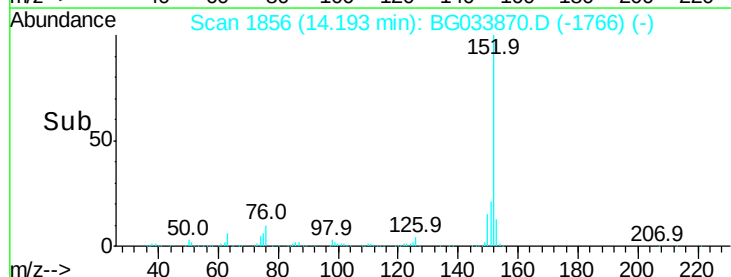
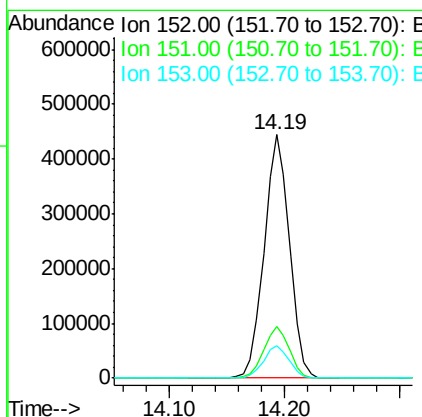
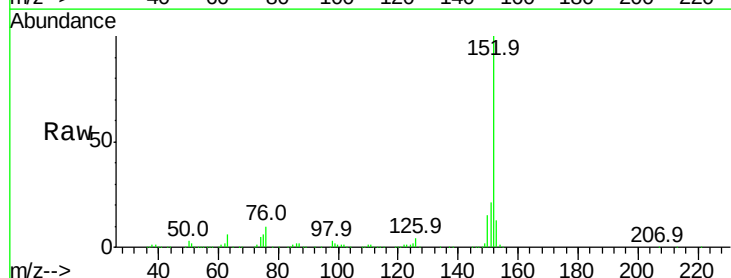
Instrument :
BNA_G
ClientSampled :

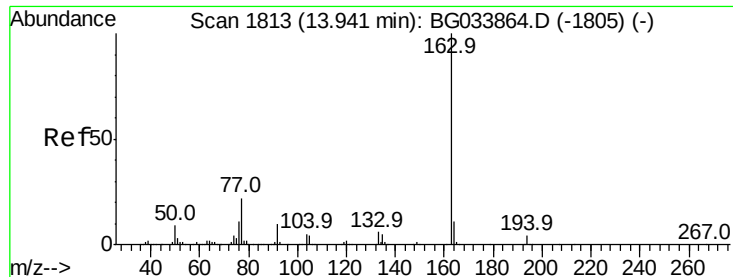
Tot Ion: 65 Resp: 133855
Ion Ratio Lower Upper
65 100
92 66.1 54.6 82.0
138 101.1 72.9 109.3



#48
Acenaphthylene
Concen: 40.441 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion: 152 Resp: 679850
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.1 10.2 15.4

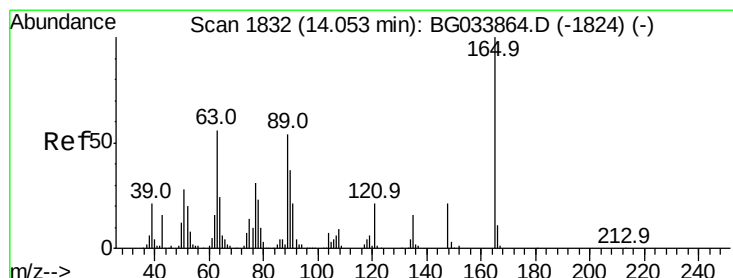
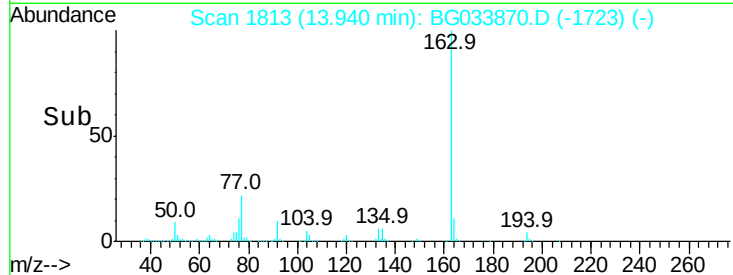
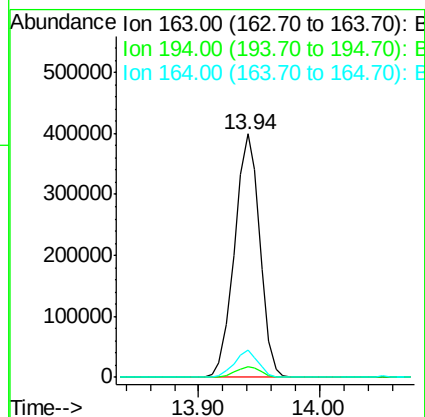
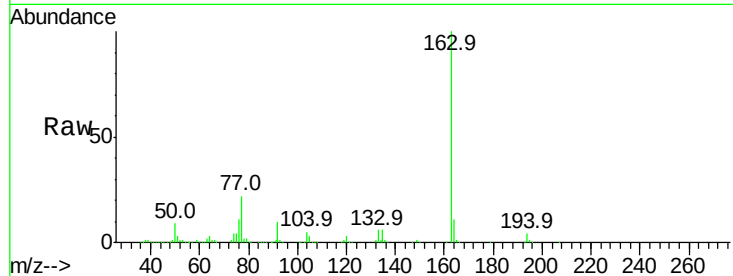




#49
Dimethylphthalate
Concen: 40.079 ng
RT: 13.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

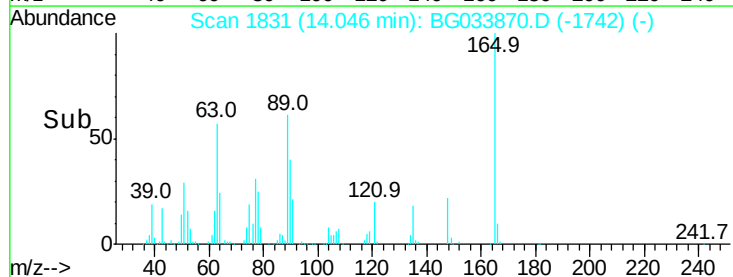
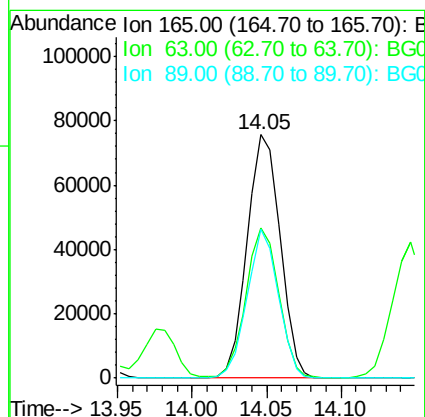
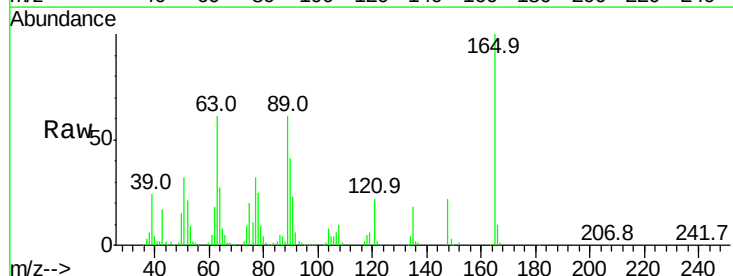
Instrument :
BNA_G
ClientSampleId :

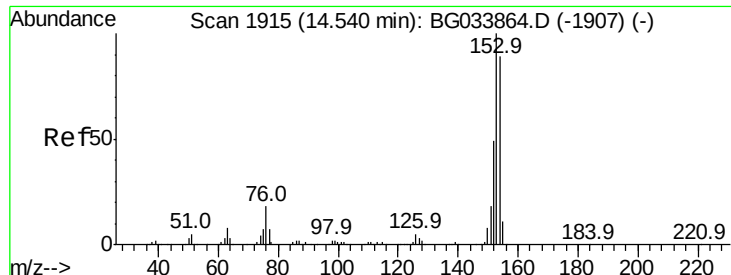
Tot Ion:163 Resp: 580906
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 42.236 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:165 Resp: 116011
Ion Ratio Lower Upper
165 100
63 61.4 52.7 79.1
89 61.2 49.2 73.8





#51

Acenaphthene

Concen: 42.051 ng

RT: 14.54 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

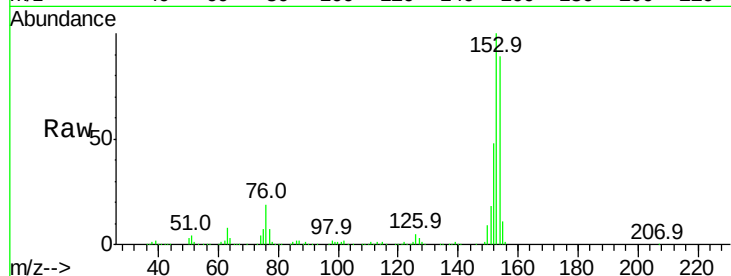
Tot Ion:154 Resp: 444083

Ion Ratio Lower Upper

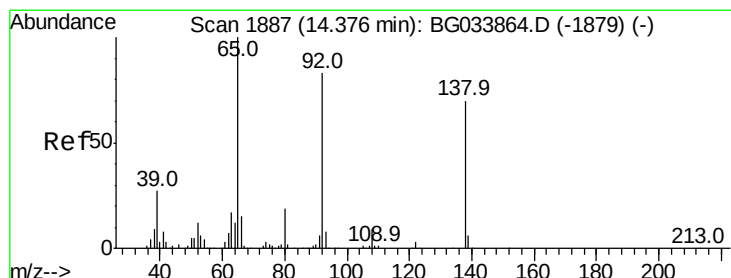
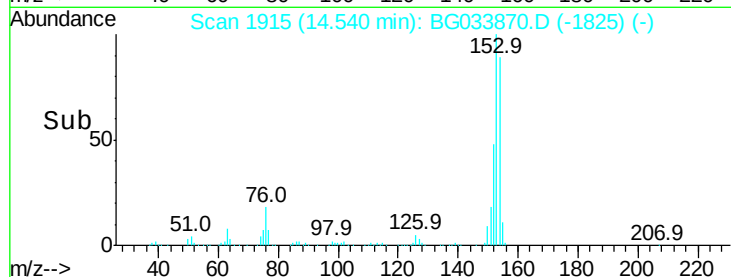
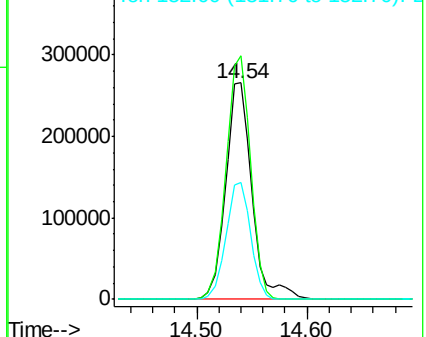
154 100

153 112.4 90.4 135.6

152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.049 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

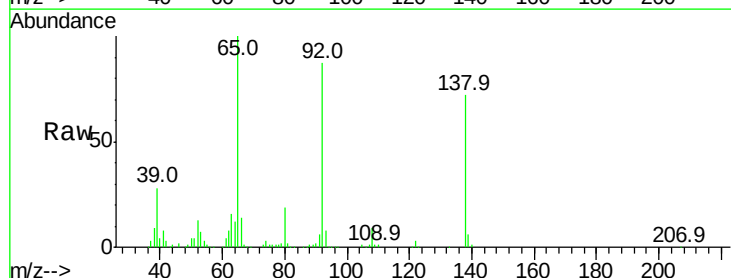
Tgt Ion:138 Resp: 131379

Ion Ratio Lower Upper

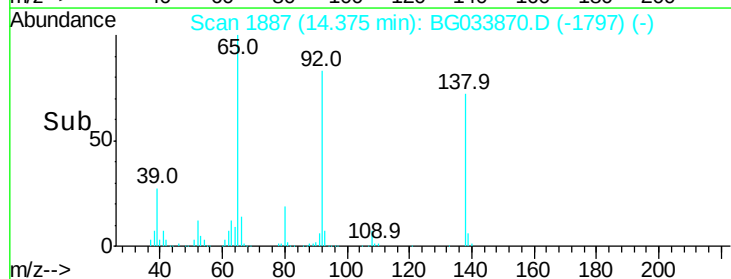
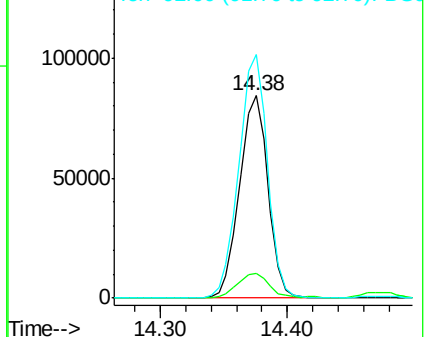
138 100

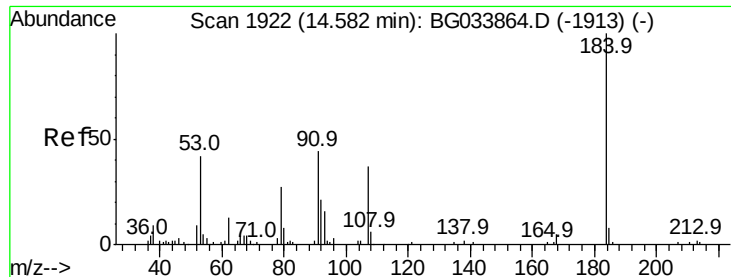
108 11.9 17.5 26.3#

92 120.2 105.8 158.8



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

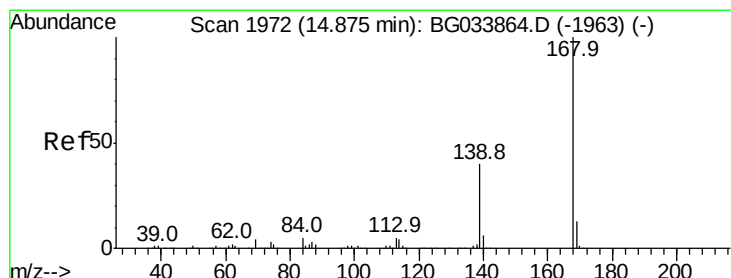
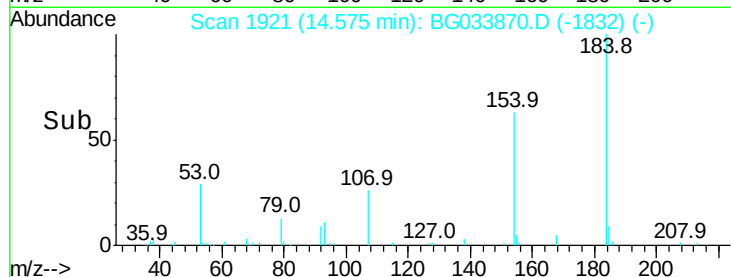
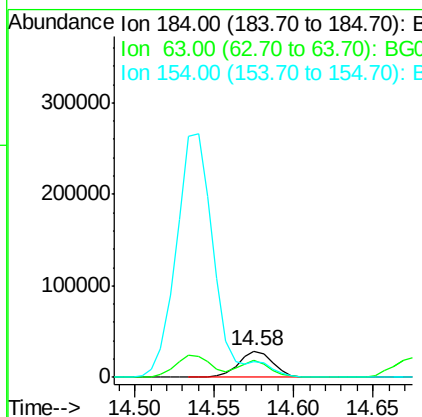
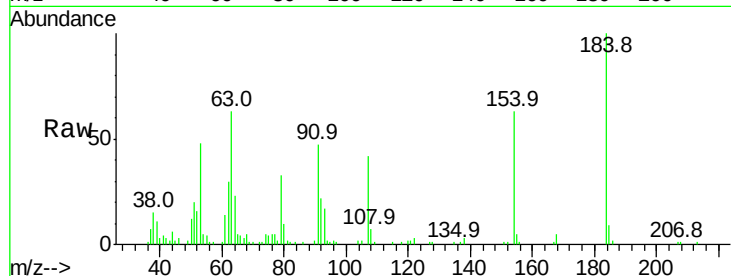




#53
 2,4-Dinitrophenol
 Concen: 43.481 ng
 RT: 14.58 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

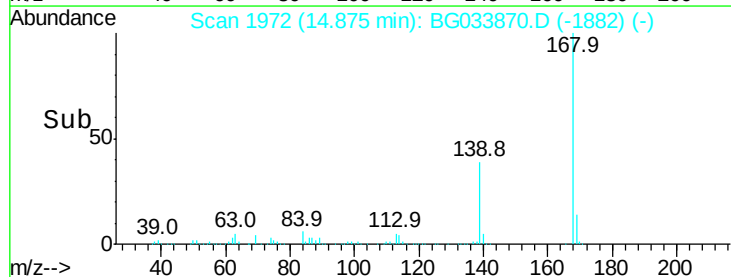
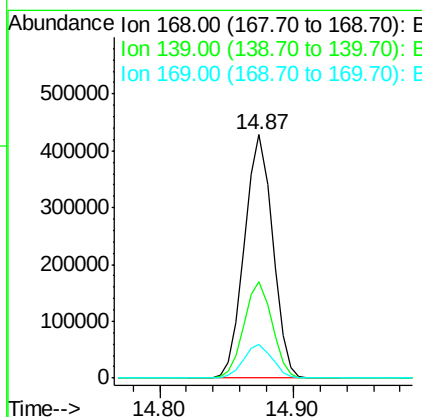
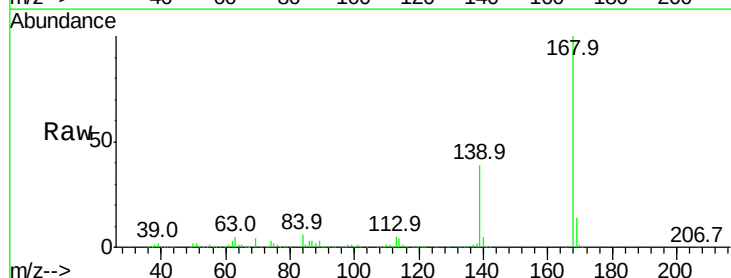
Instrument :
 BNA_G
 ClientSampleId :

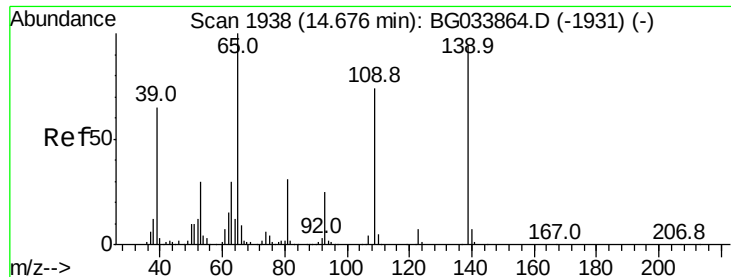
Tot Ion:184 Resp: 42712
 Ion Ratio Lower Upper
 184 100
 63 63.5 59.8 89.8
 154 63.0 101.8 152.8#



#54
 Dibenzofuran
 Concen: 39.964 ng
 RT: 14.87 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion:168 Resp: 625702
 Ion Ratio Lower Upper
 168 100
 139 39.4 28.6 43.0
 169 13.6 11.2 16.8

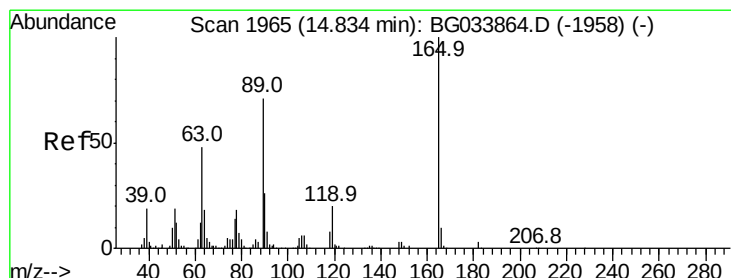
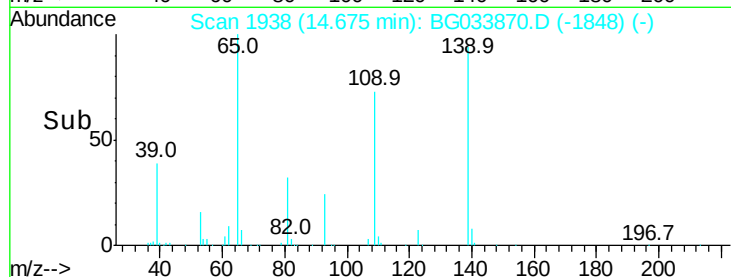
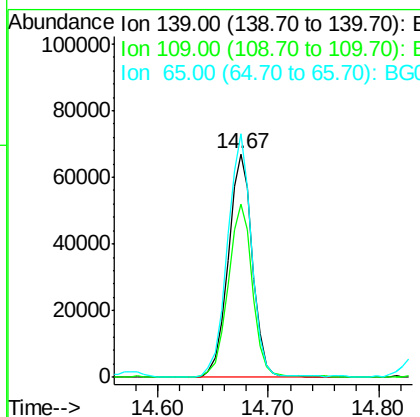
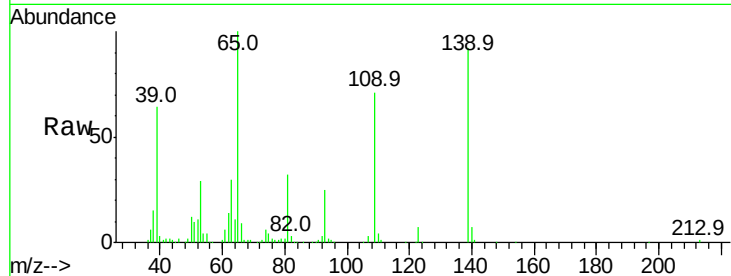




#55
4-Nitrophenol
Concen: 43.930 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

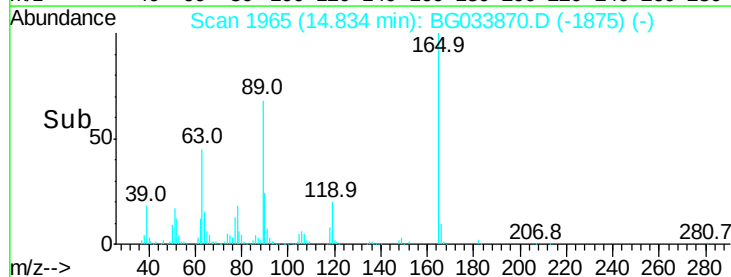
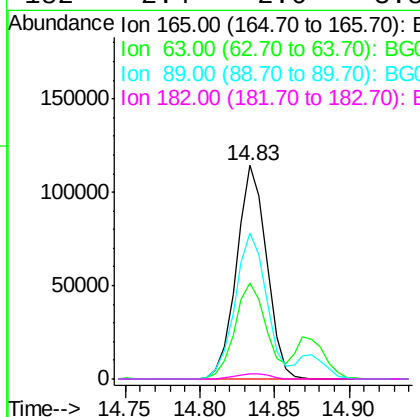
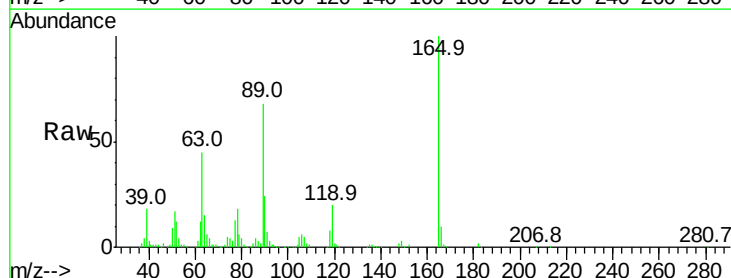
Instrument :
BNA_G
ClientSampleId :

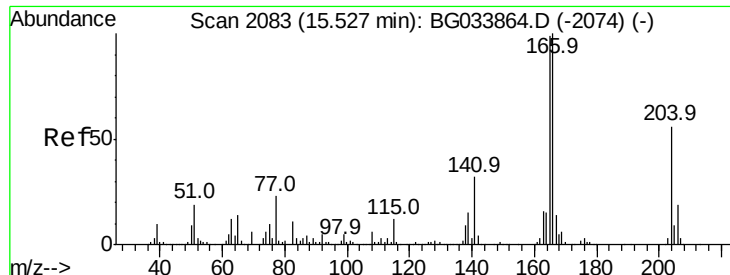
Tot Ion:139 Resp: 102761
Ion Ratio Lower Upper
139 100
109 77.3 62.2 102.2
65 109.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 43.892 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:165 Resp: 160318
Ion Ratio Lower Upper
165 100
63 44.8 42.0 63.0
89 68.2 66.9 100.3
182 2.4 2.6 3.8#

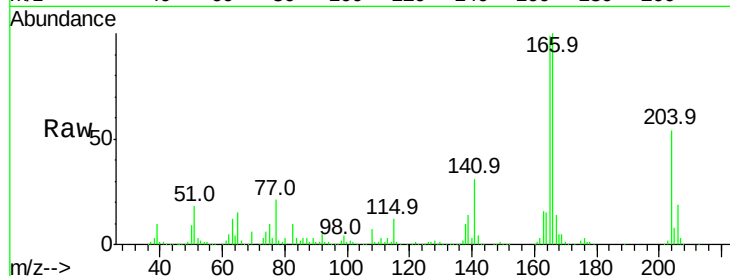




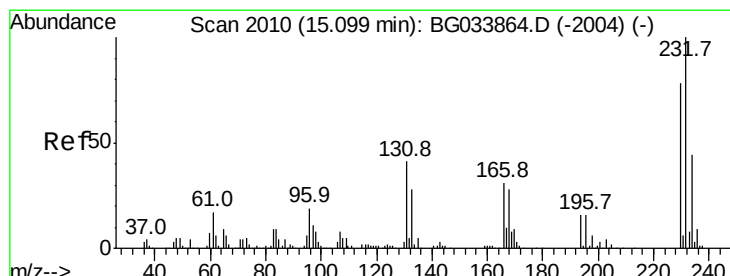
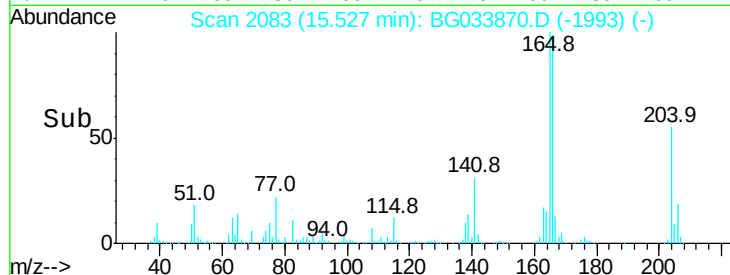
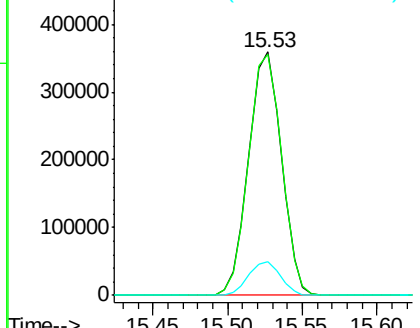
#57
 Fluorene
 Concen: 40.284 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 545785
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.6 121.0
 167 13.6 10.4 15.6

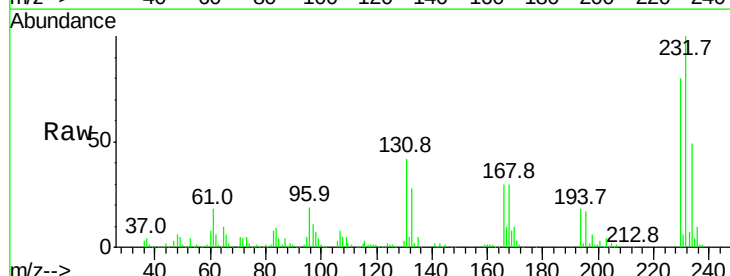


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

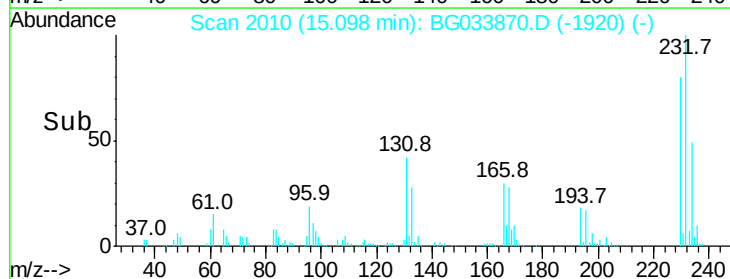
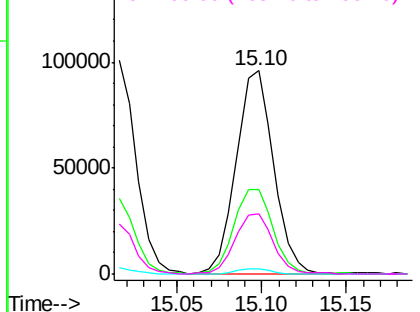


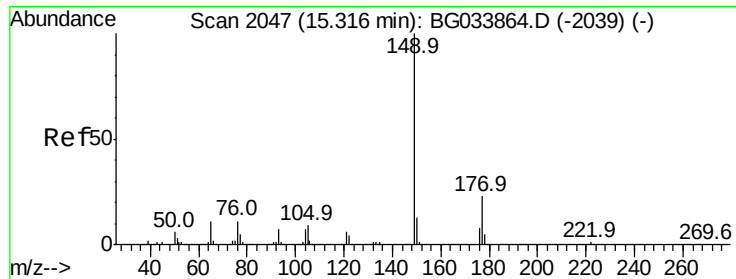
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.249 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion:232 Resp: 148355
 Ion Ratio Lower Upper
 232 100
 131 42.8 33.5 50.3
 130 2.6 2.2 3.2
 166 30.2 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

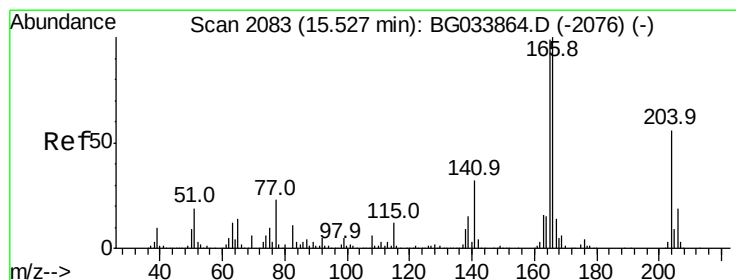
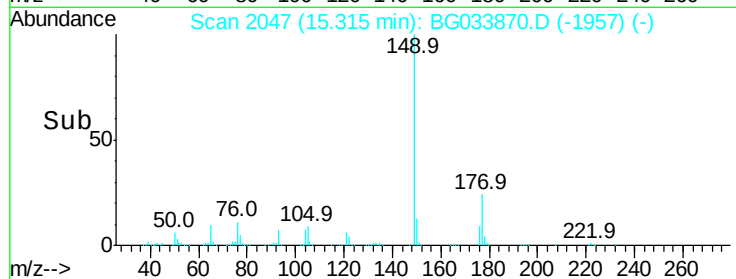
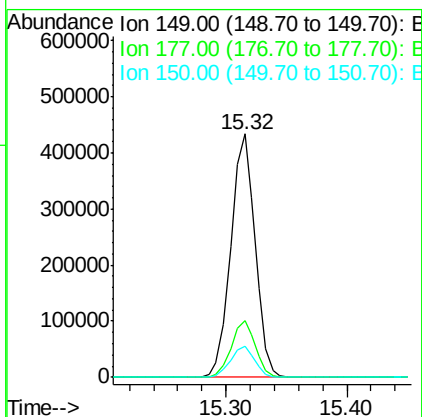
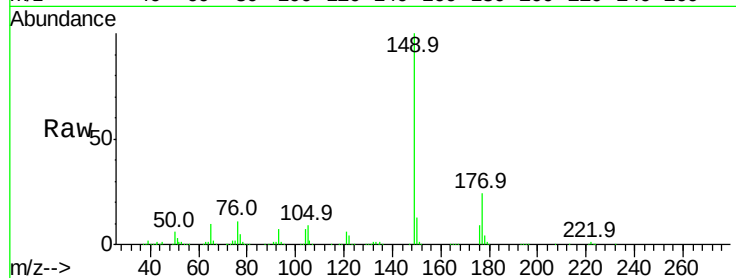




#59
Diethylphthalate
Concen: 39.556 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

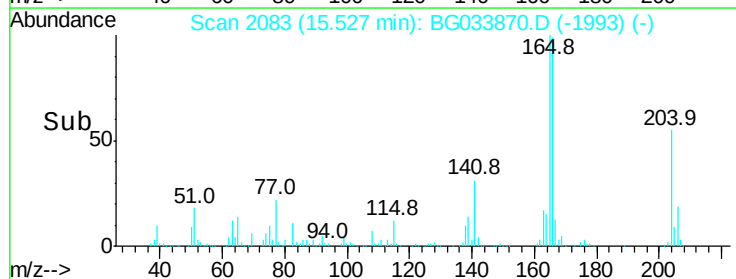
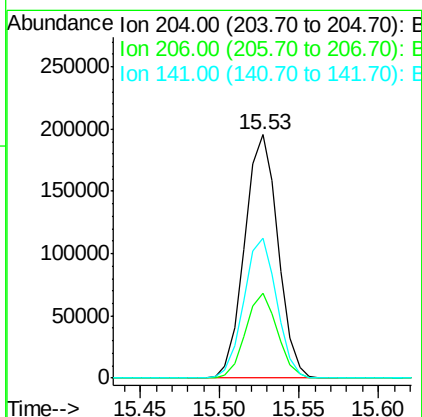
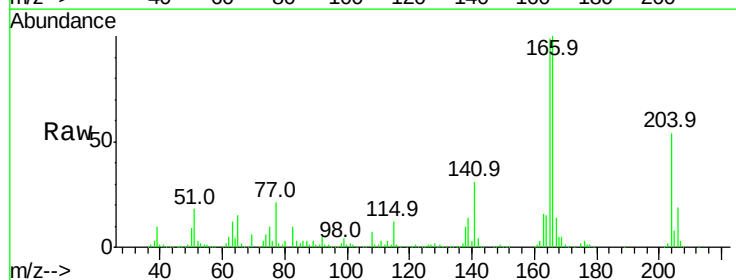
Instrument :
BNA_G
ClientSampled :

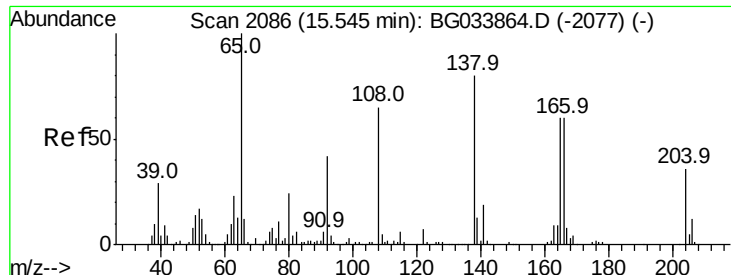
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.5	27.7
150	12.9	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.203 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	57.4	45.8	68.6





#61

4-Nitroaniline

Concen: 42.820 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

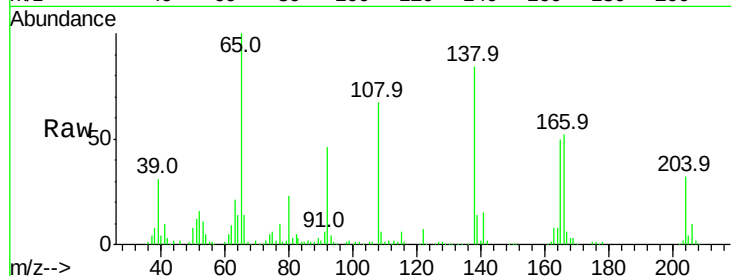
Tot Ion:138 Resp: 135601

Ion Ratio Lower Upper

138 100

92 55.4 40.1 80.1

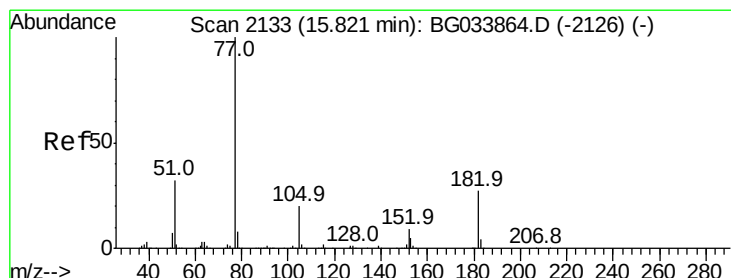
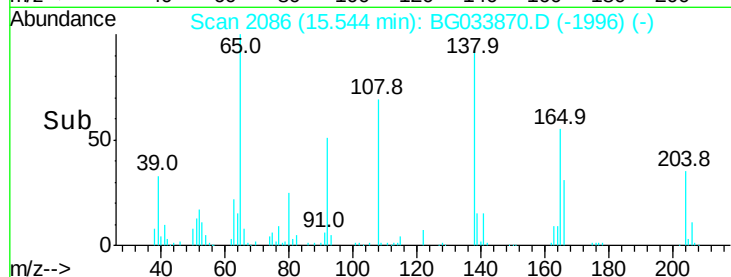
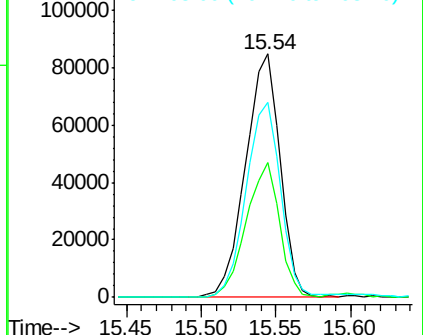
108 79.9 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.065 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Tgt Ion: 77 Resp: 547153

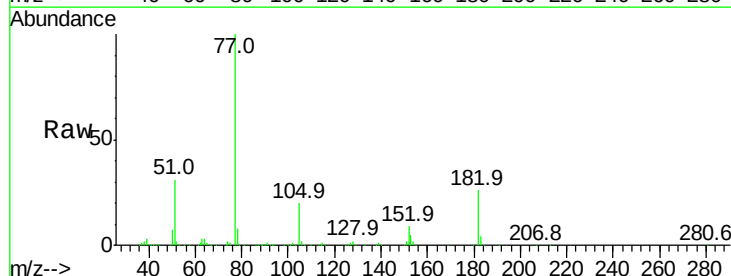
Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 20.1 0.3 40.3

51 30.8 11.6 51.6

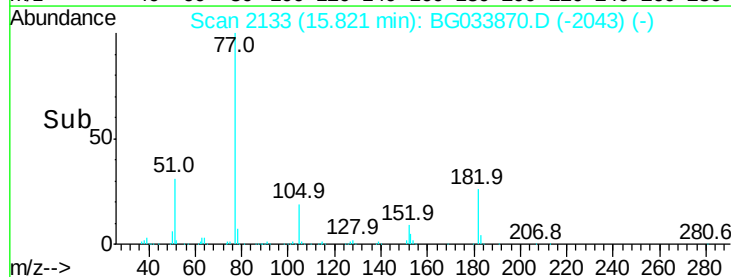
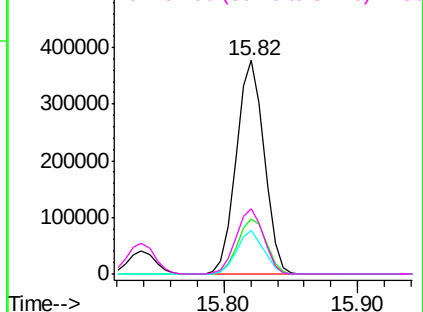


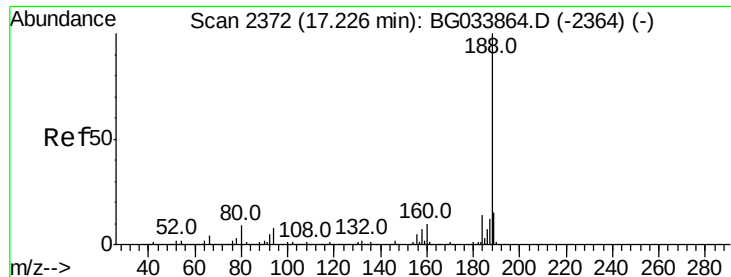
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

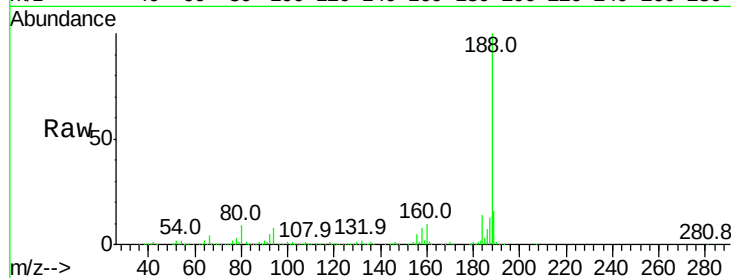
Tot Ion:188 Resp: 408360

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

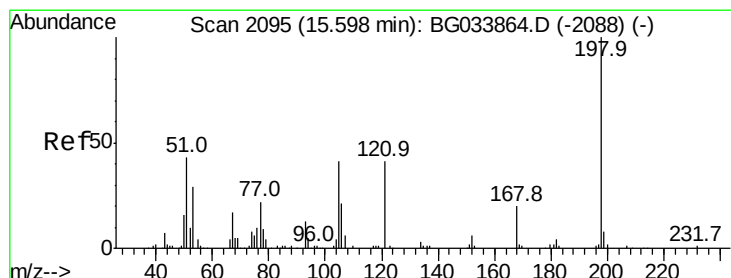
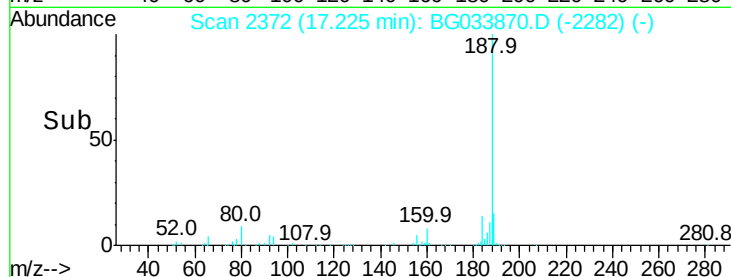
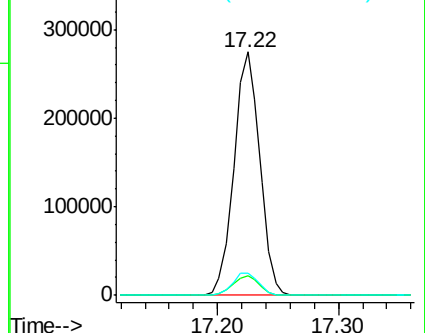
80 9.3 7.7 11.5



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: 40.840 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

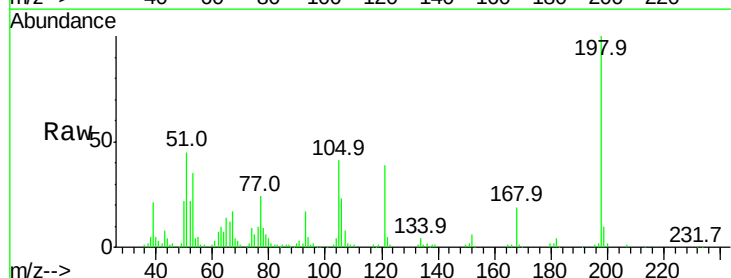
Tgt Ion:198 Resp: 78107

Ion Ratio Lower Upper

198 100

51 45.2 30.6 70.6

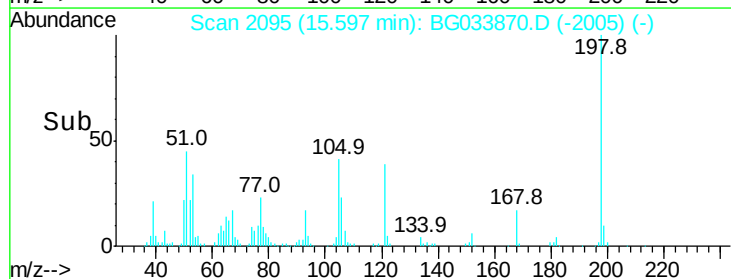
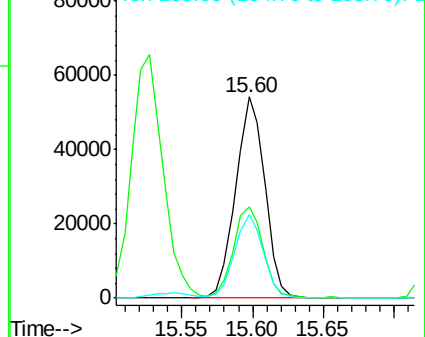
105 41.3 23.8 63.8

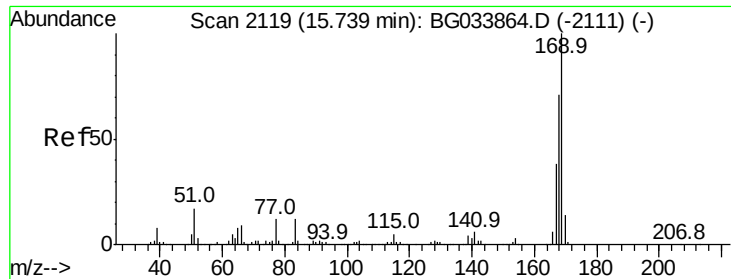


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

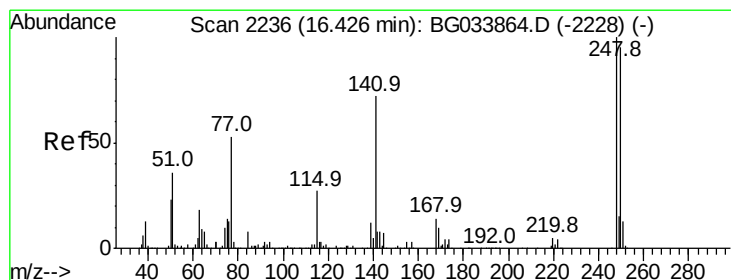
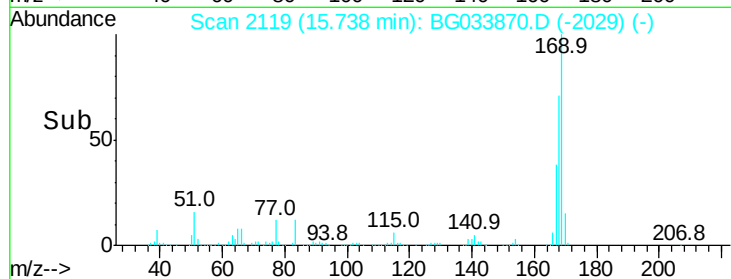
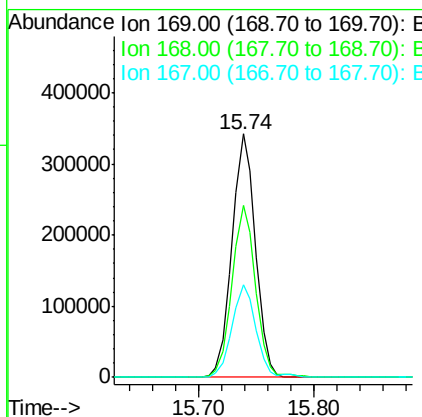
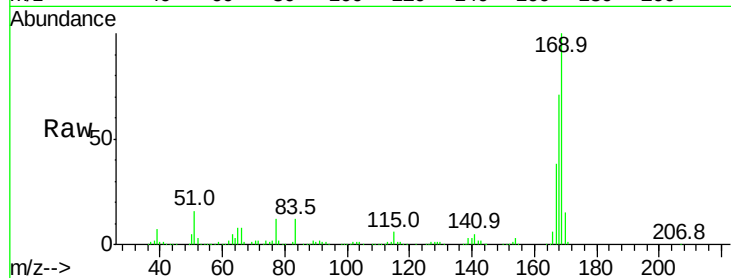




#65
 n-Nitrosodiphenylamine
 Concen: 40.453 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

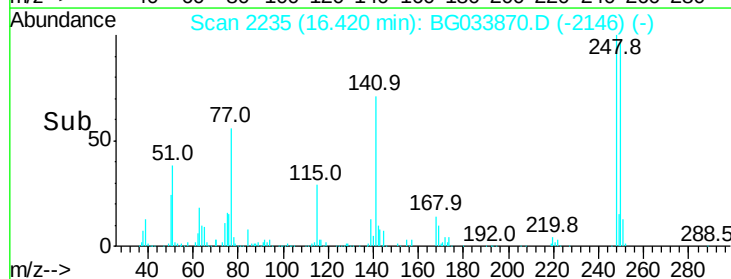
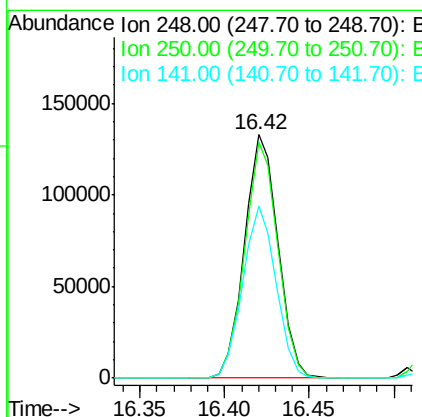
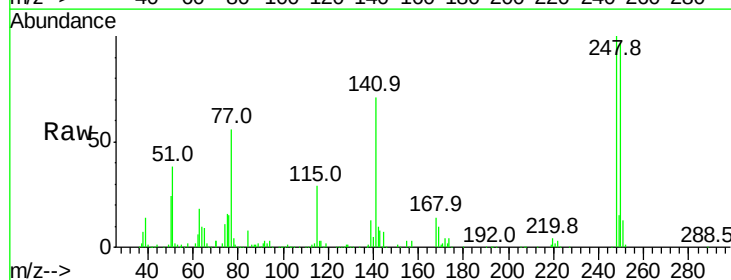
Instrument :
 BNA_G
 ClientSampled :

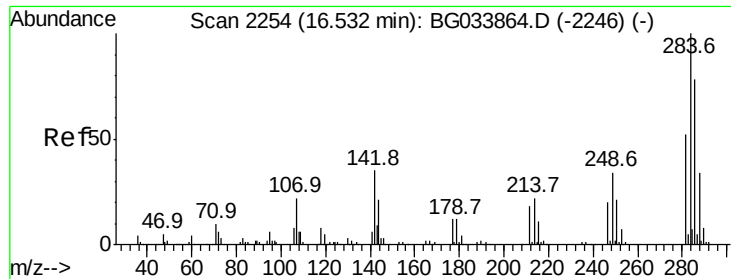
Tot Ion:169 Resp: 480266
 Ion Ratio Lower Upper
 169 100
 168 70.8 55.7 83.5
 167 38.0 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 40.820 ng
 RT: 16.42 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion:248 Resp: 183064
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.1 115.7
 141 70.8 50.8 76.2

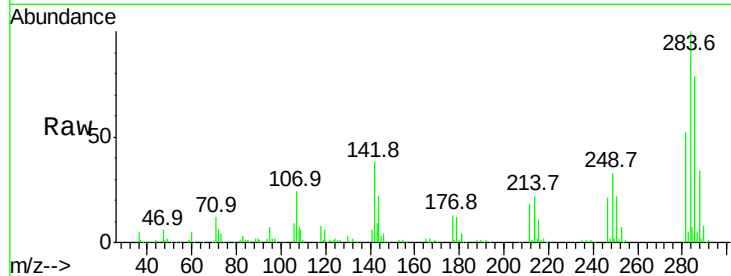




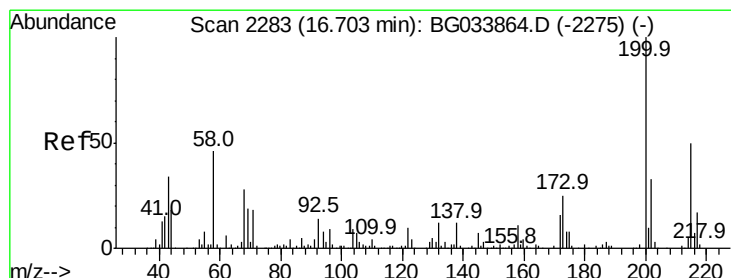
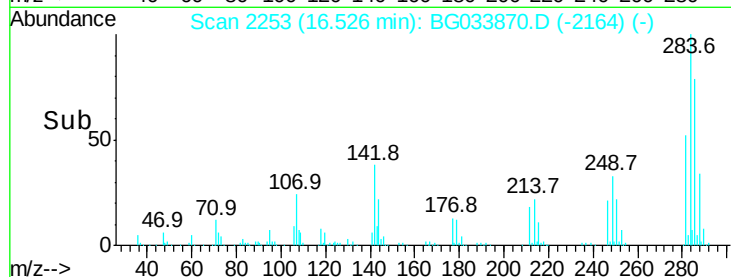
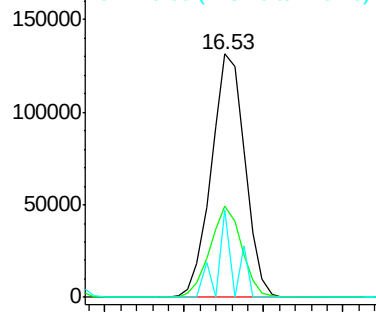
#67
Hexachlorobenzene
Concen: 40.326 ng
RT: 16.53 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 192864
Ion Ratio Lower Upper
284 100
142 37.7 26.8 40.2
249 35.7 26.3 39.5

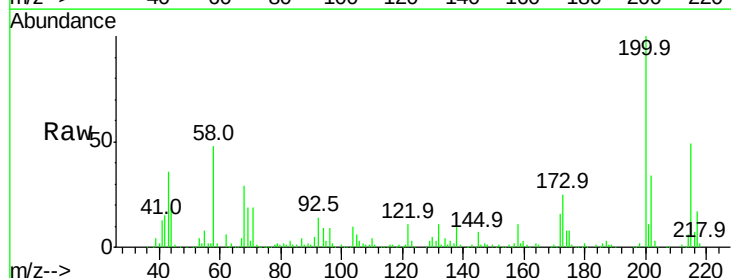


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

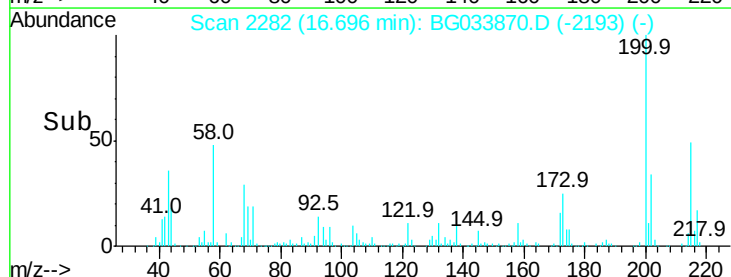
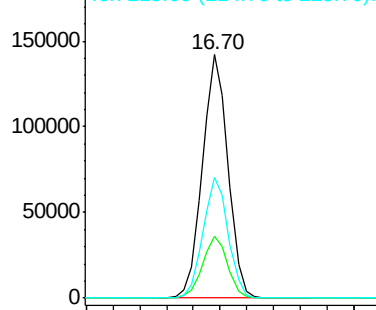


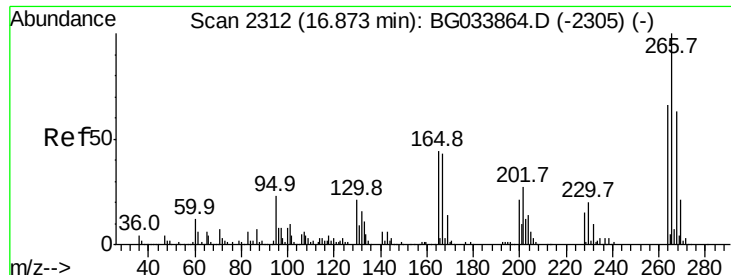
#68
Atrazine
Concen: 40.676 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:200 Resp: 189187
Ion Ratio Lower Upper
200 100
173 25.4 5.2 45.2
215 49.5 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

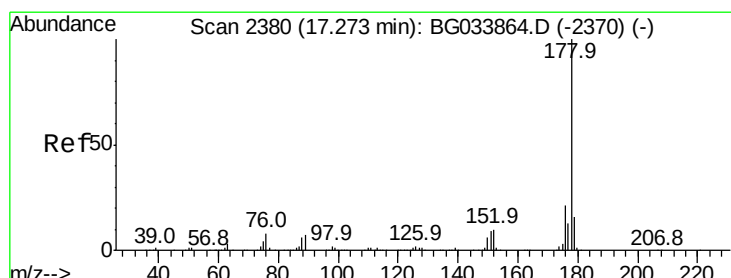
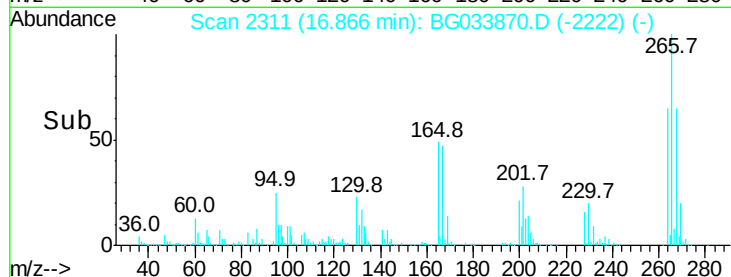
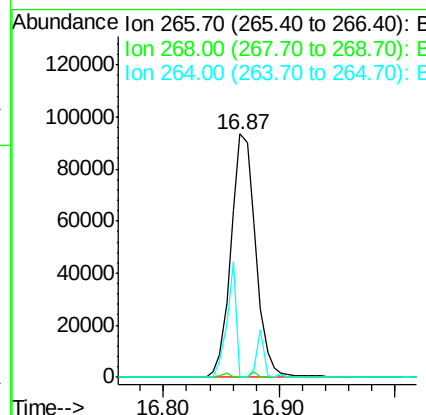
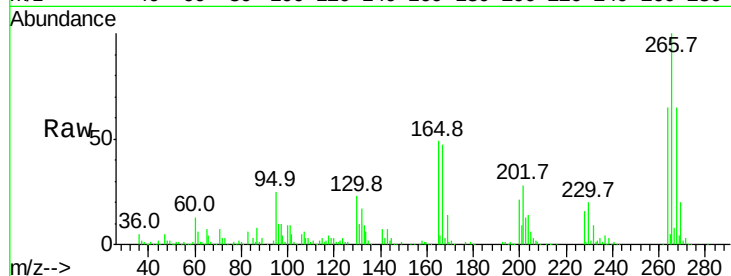




#69
 Pentachlorophenol
 Concen: 42.128 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

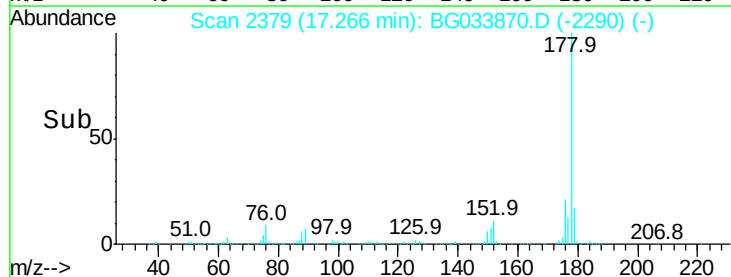
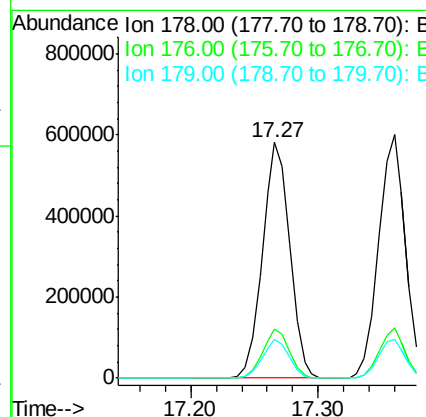
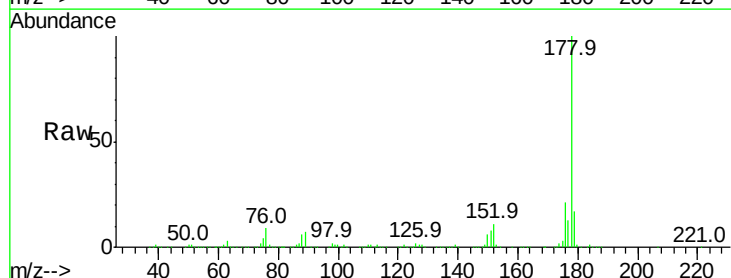
Instrument :
 BNA_G
 ClientSampleId :

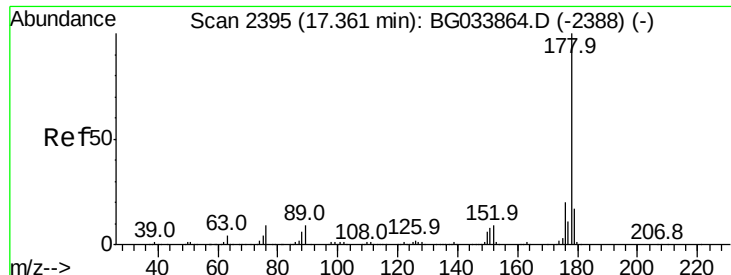
Tot Ion	Ratio	Lower	Upper
266	100		
268	4.5	51.1	76.7#
264	5.3	49.6	74.4#



#70
 Phenanthrene
 Concen: 39.730 ng
 RT: 17.27 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	16.5	12.5	18.7





#71

Anthracene

Concen: 40.219 ng

RT: 17.36 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

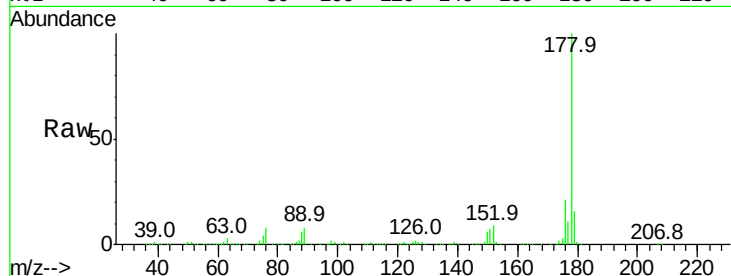
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 881110

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.0	12.5	18.7

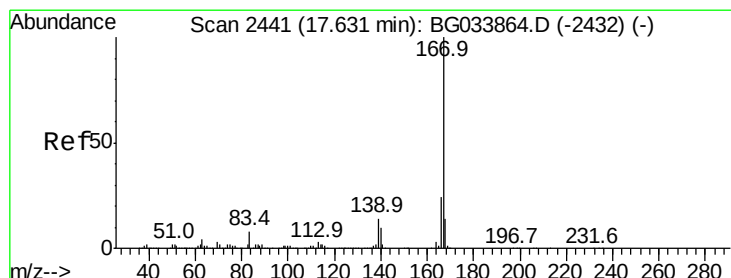
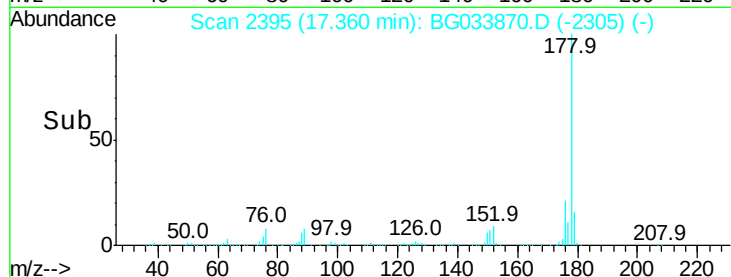
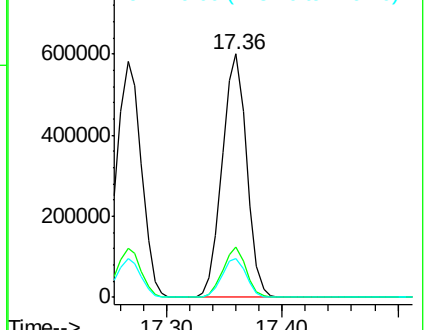


Abundance

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



#72

Carbazole

Concen: 39.593 ng

RT: 17.62 min Scan# 2440

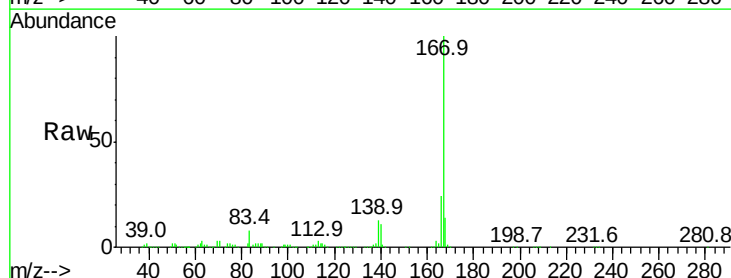
Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Tgt Ion:167 Resp: 836813

Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.2	27.4
139	13.3	9.4	14.2

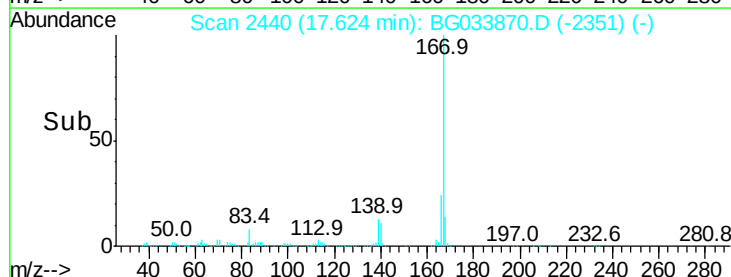
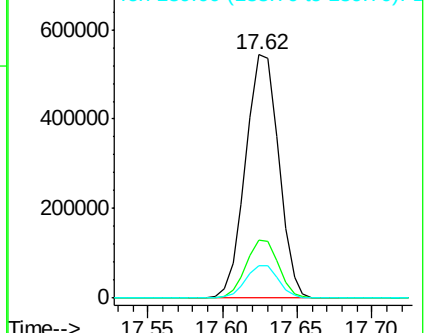


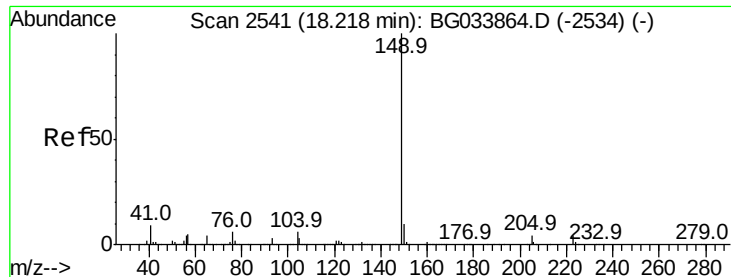
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

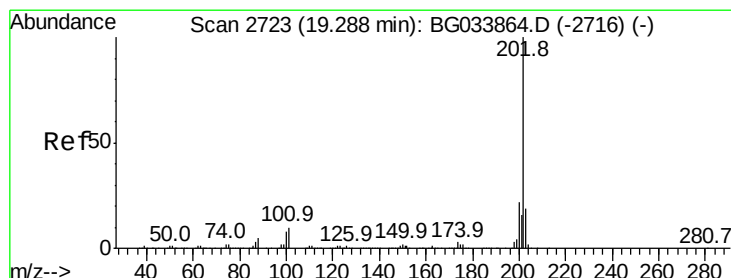
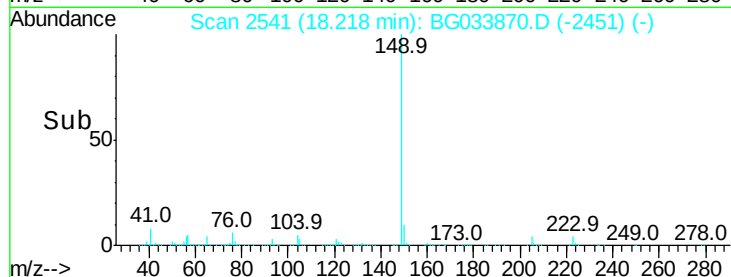
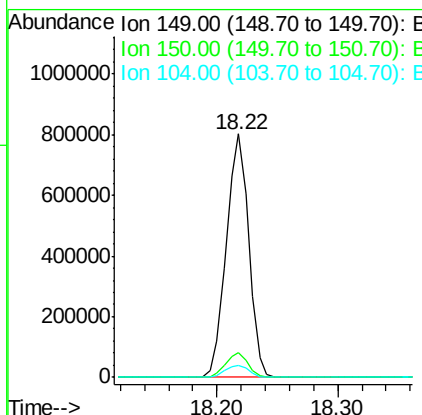
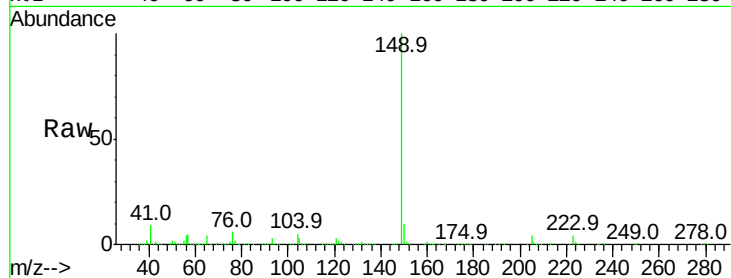




#73
Di-n-butylphthalate
Concen: 39.268 ng
RT: 18.22 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

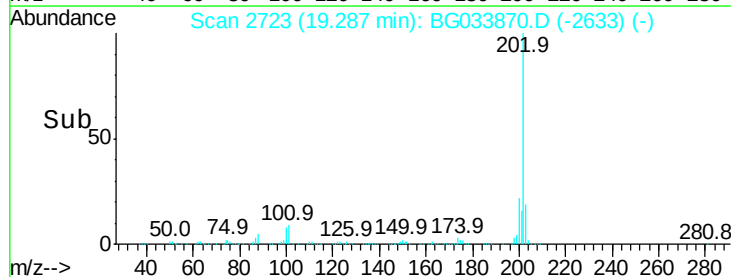
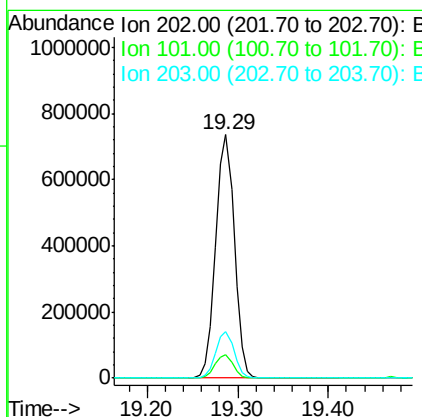
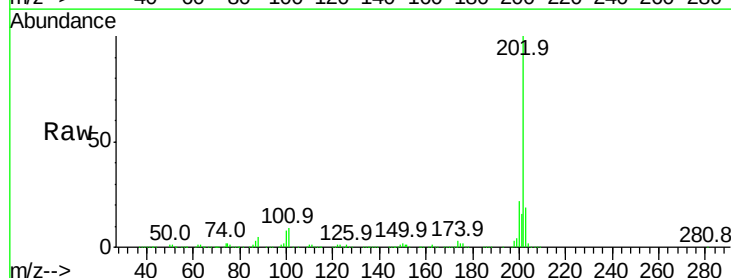
Instrument :
BNA_G
ClientSampleId :

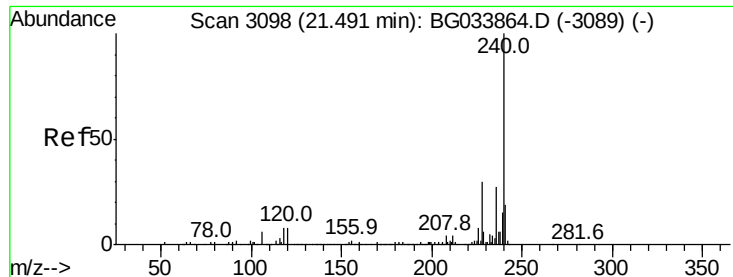
Tot Ion:149 Resp: 1032472
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.2 3.9 5.9



#74
Fluoranthene
Concen: 39.247 ng
RT: 19.29 min Scan# 2723
Delta R.T. -0.00 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion:202 Resp: 1040031
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.9
203 19.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.49 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

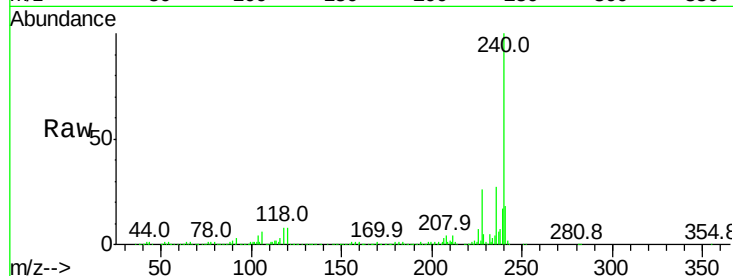
Tot Ion:240 Resp: 395148

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

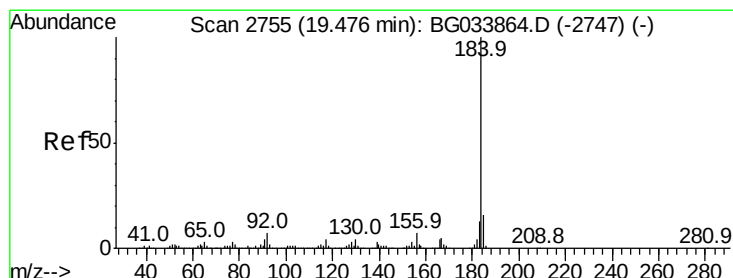
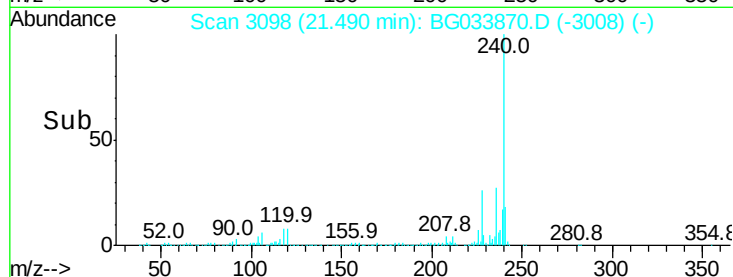
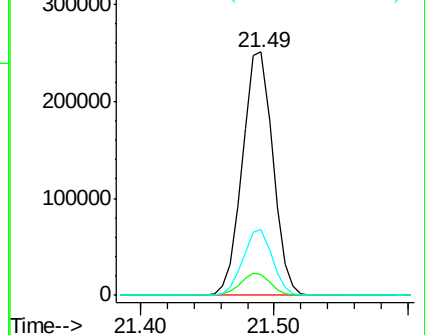
236 26.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.322 ng

RT: 19.48 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

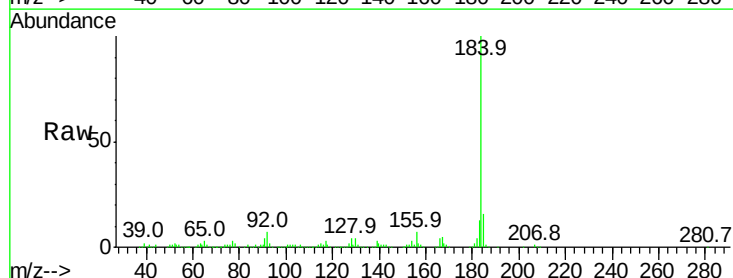
Tgt Ion:184 Resp: 504949

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

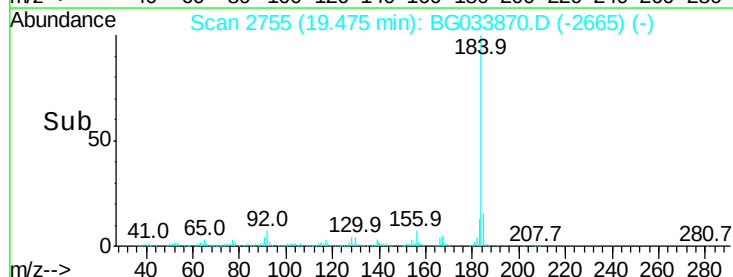
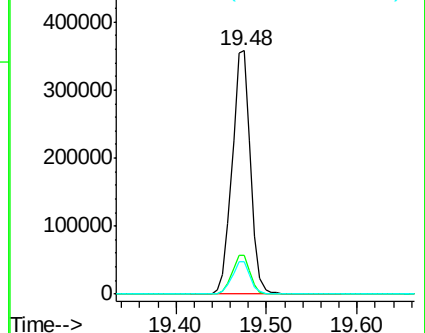
183 13.1 10.6 16.0

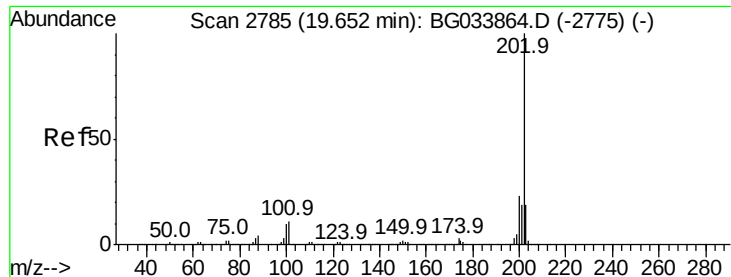


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.972 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

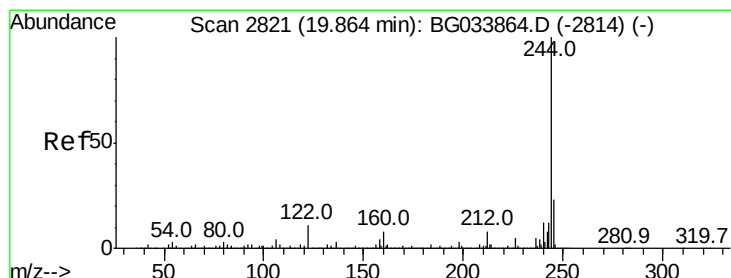
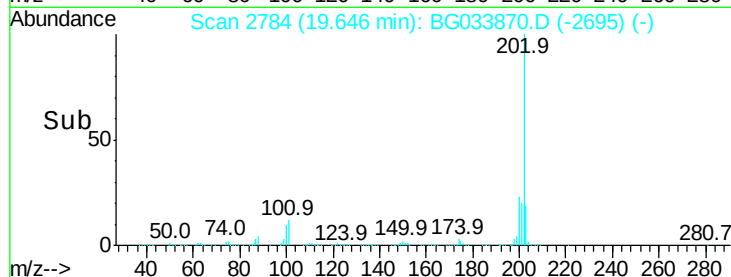
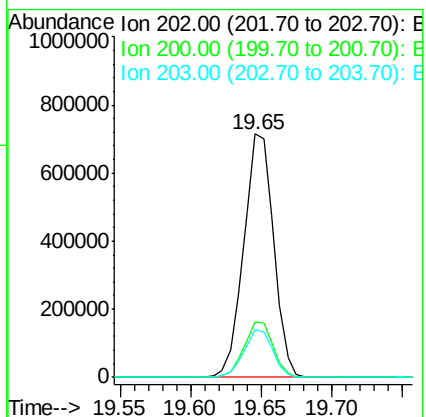
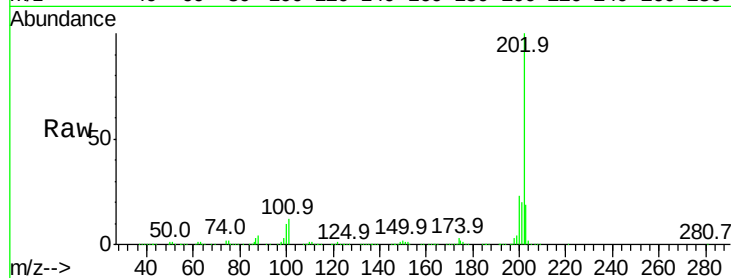
Tot Ion:202 Resp: 1061887

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	19.4	13.9	20.9

202 100

200 22.8 16.9 25.3

203 19.4 13.9 20.9



#78

Terphenyl-d14

Concen: 81.724 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

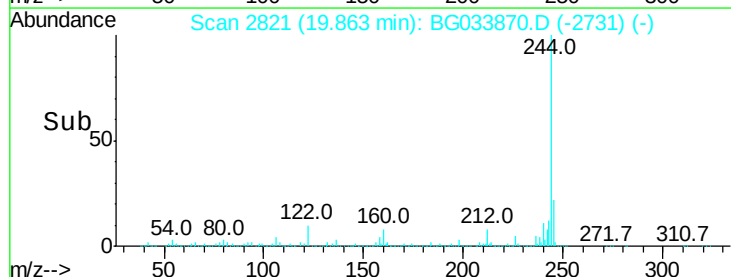
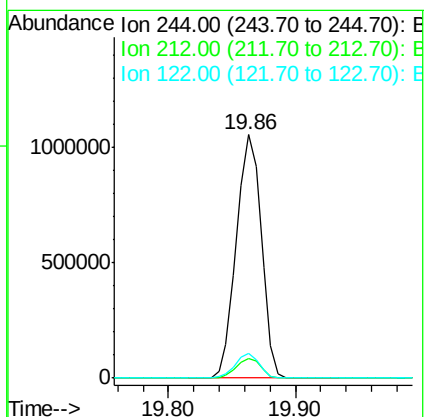
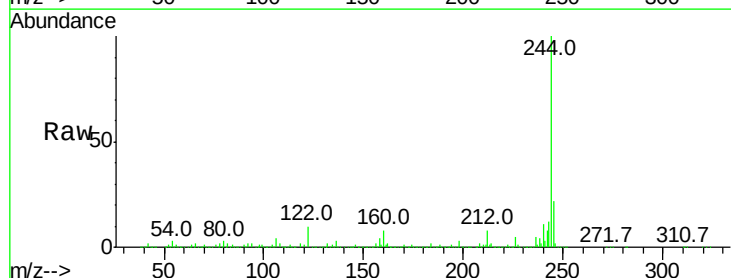
Tgt Ion:244 Resp: 1437407

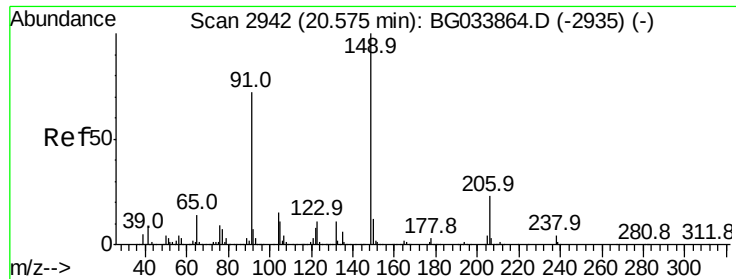
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	10.2	7.0	10.4

244 100

212 8.0 5.8 8.8

122 10.2 7.0 10.4

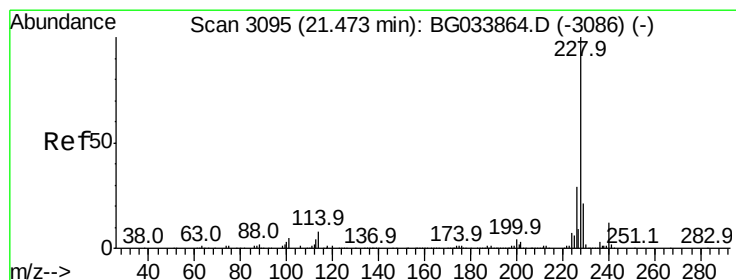
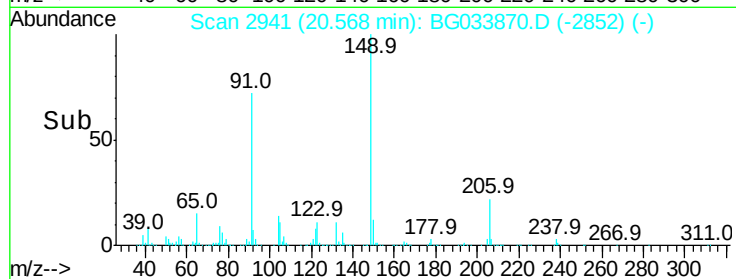
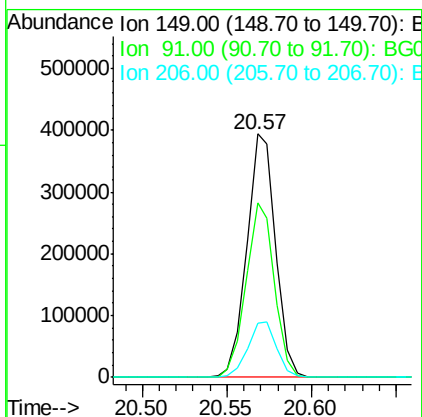
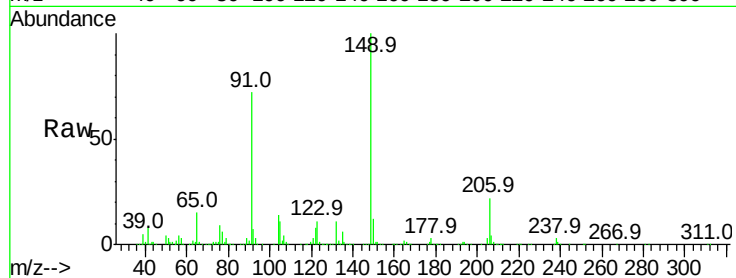




#79
 Butylbenzylphthalate
 Concen: 40.956 ng
 RT: 20.57 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

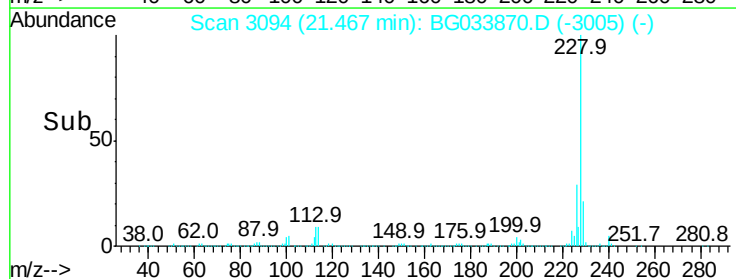
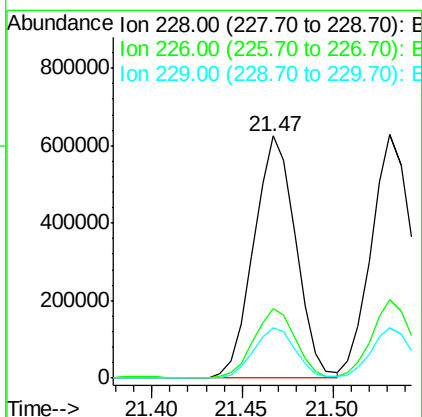
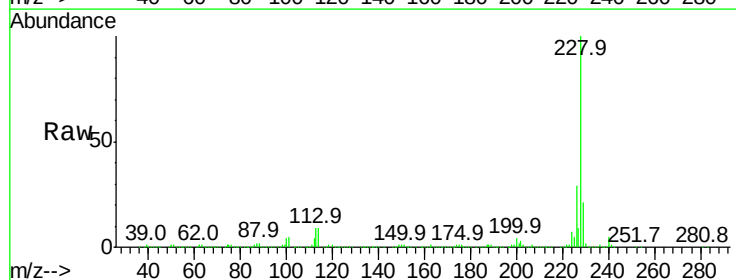
Instrument :
 BNA_G
 ClientSampled :

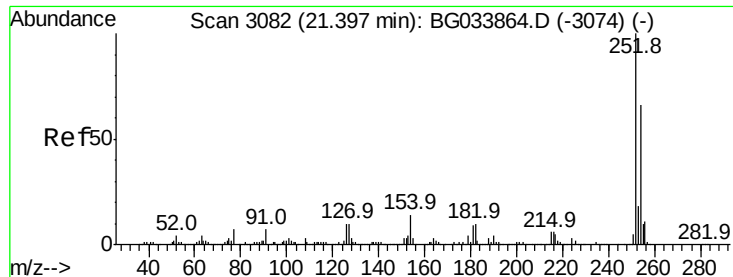
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	62.2	93.2
206	22.1	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 40.439 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.7	16.2	24.2

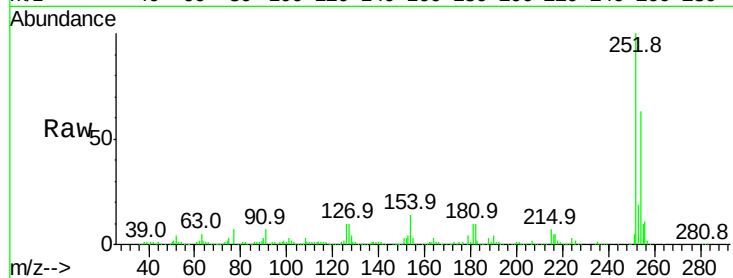




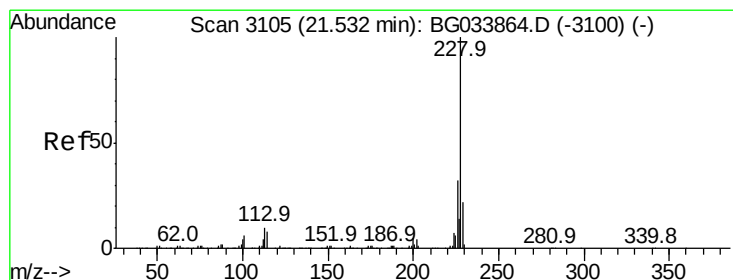
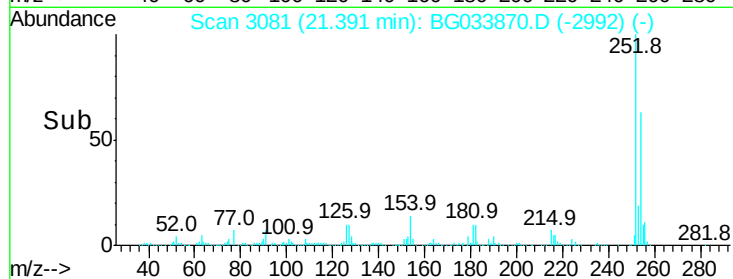
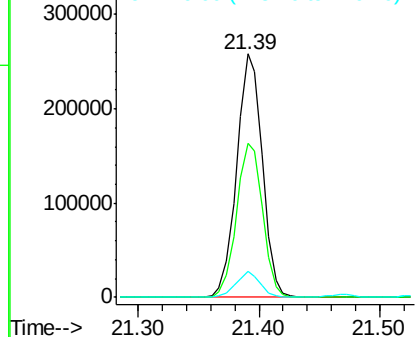
#81
 3,3'-Dichlorobenzidine
 Concen: 41.068 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	10.5	7.4	11.2

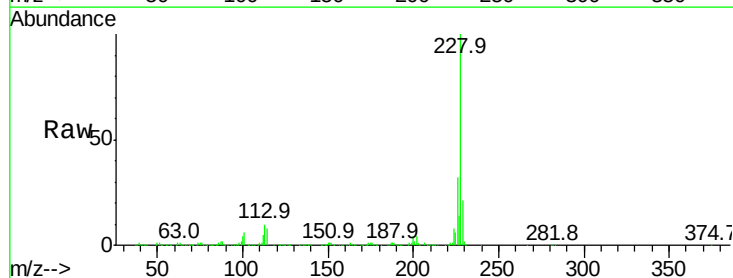


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

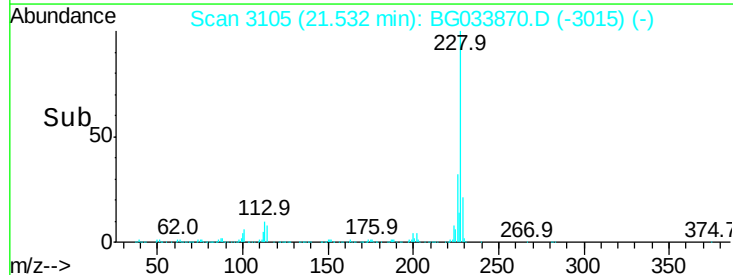
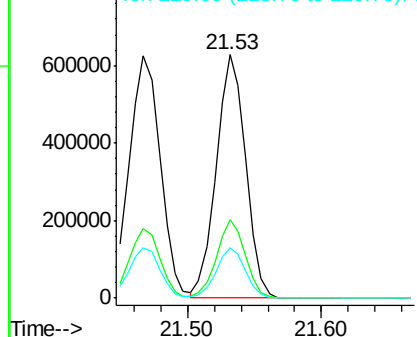


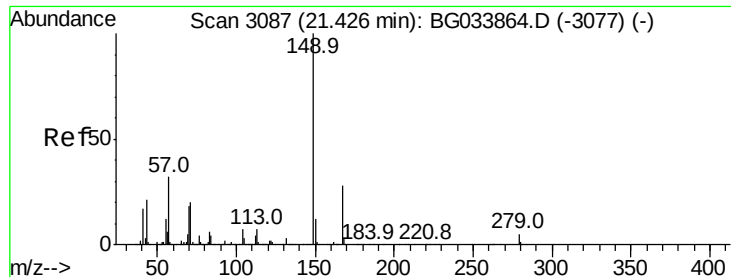
#82
 Chrysene
 Concen: 40.800 ng
 RT: 21.53 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.9	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.200 ng

RT: 21.43 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

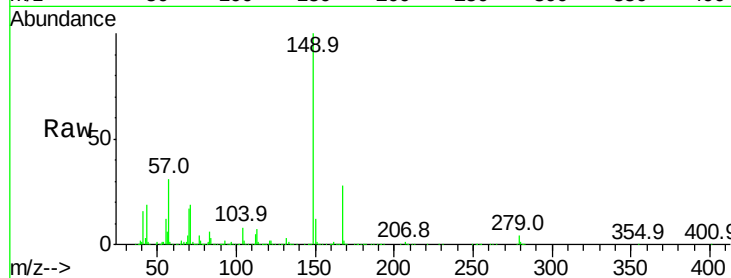
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 662247

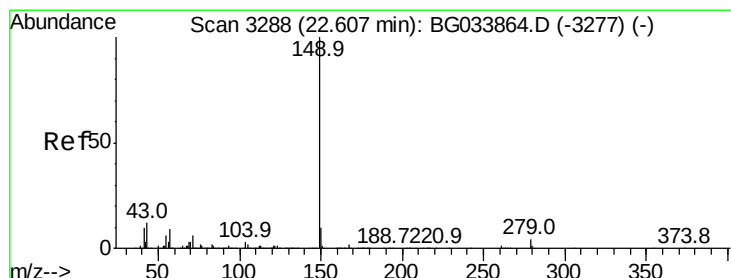
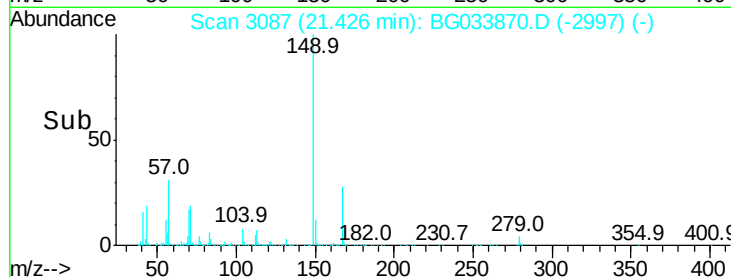
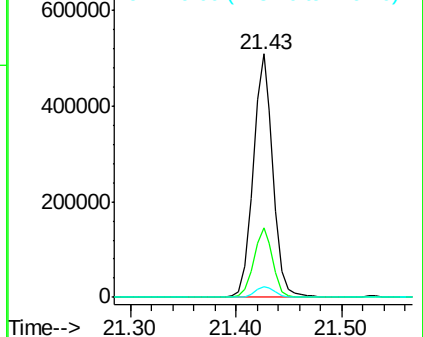
Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.3	36.5
279	4.5	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.579 ng

RT: 22.61 min Scan# 3288

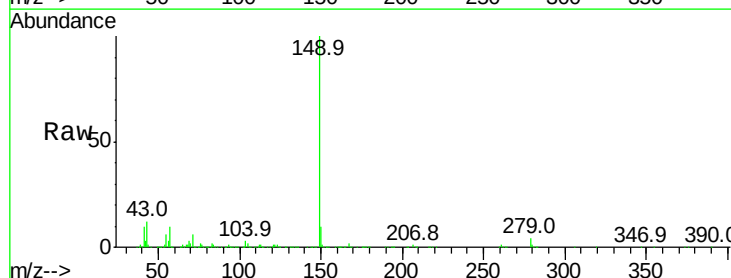
Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Tgt Ion:149 Resp: 1060818

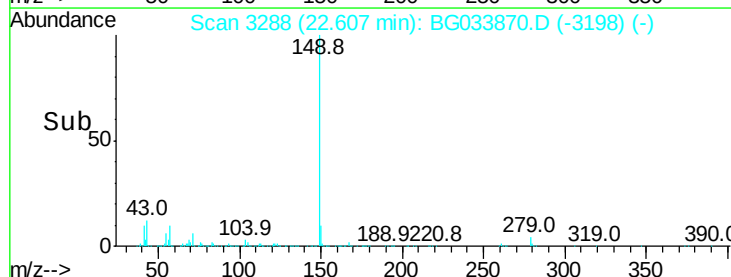
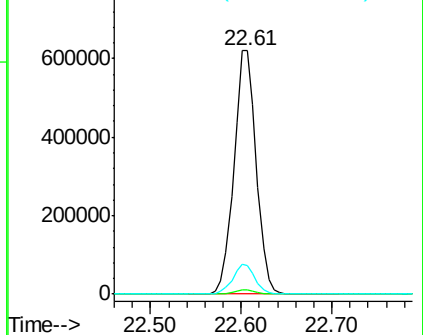
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.3	8.9	13.3

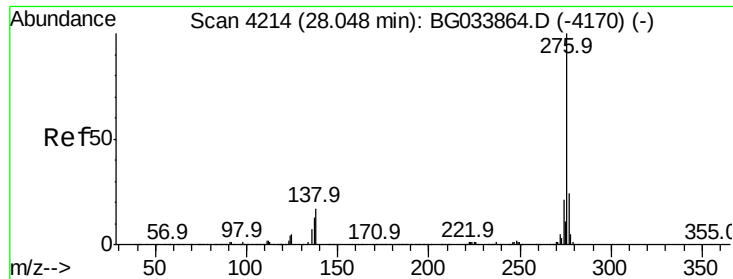


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



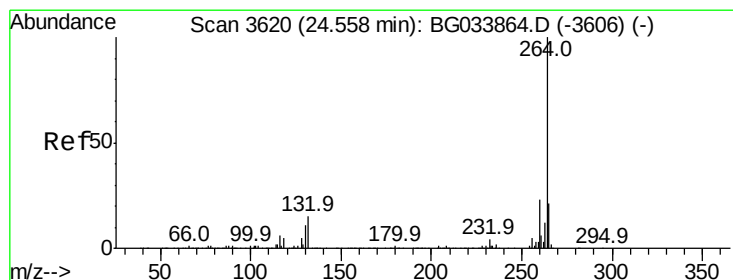
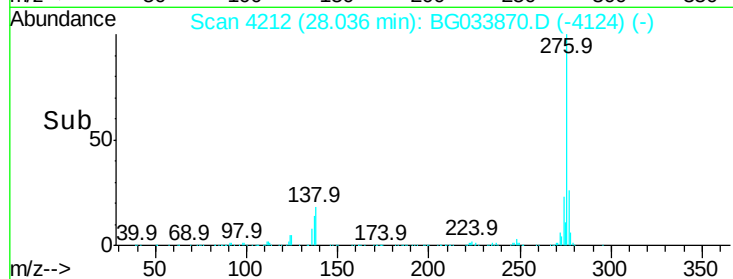
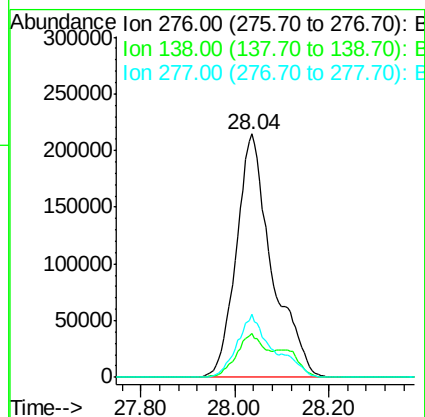
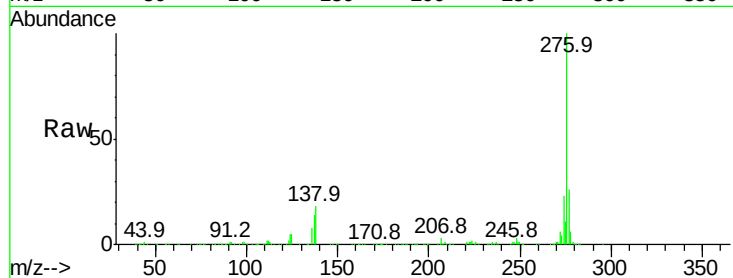


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.512 ng
 RT: 28.04 min Scan# 4212
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1124344

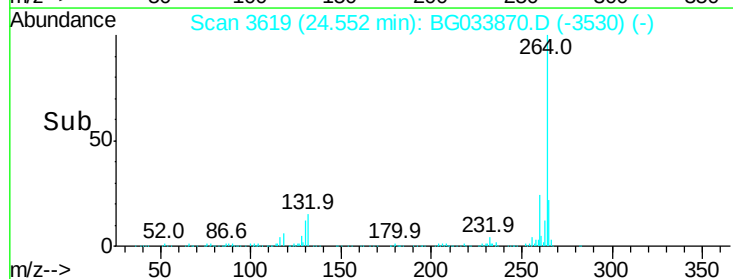
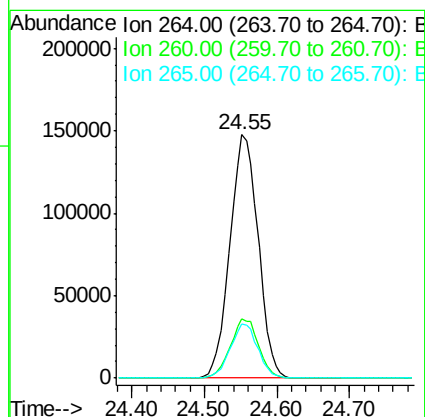
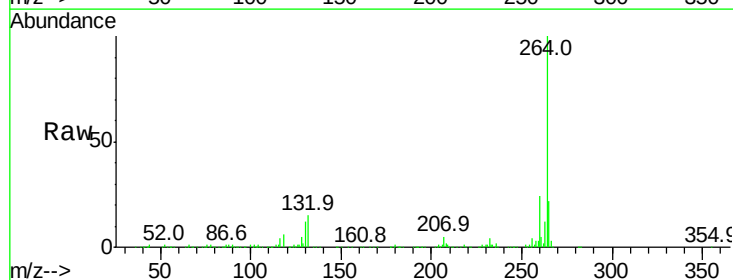
Ion	Ratio	Lower	Upper
276	100		
138	15.1	16.0	24.0#
277	26.1	20.0	30.0

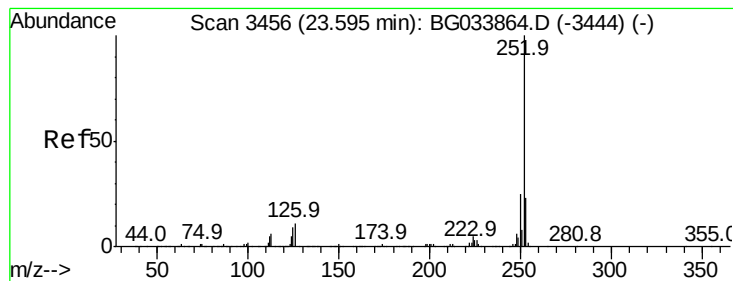


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.55 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: BG033870.D
 Acq: 19 Apr 2018 15:50

Tgt Ion:264 Resp: 399572

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.293 ng

RT: 23.59 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

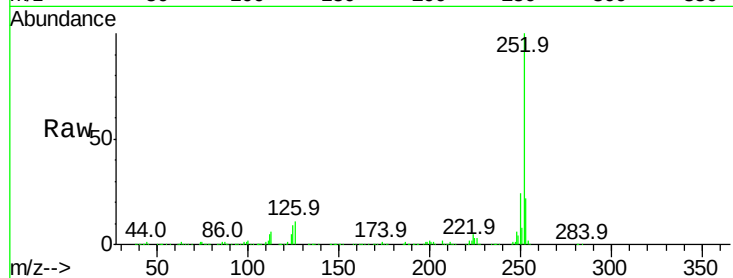
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1006550

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	8.6	7.2	10.8

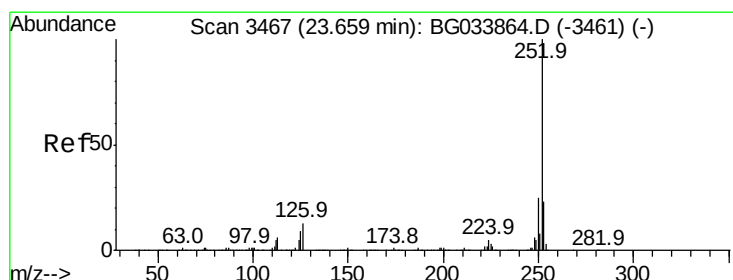
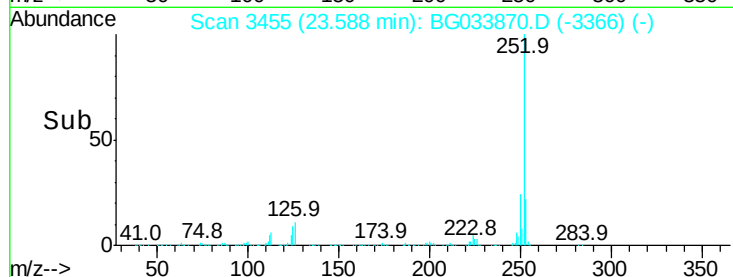
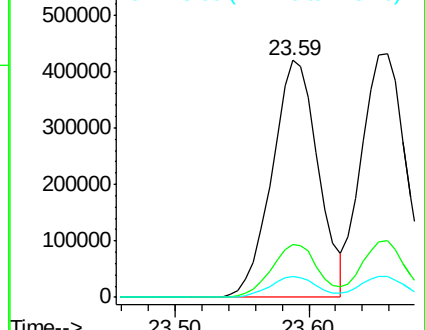


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.464 ng

RT: 23.66 min Scan# 3467

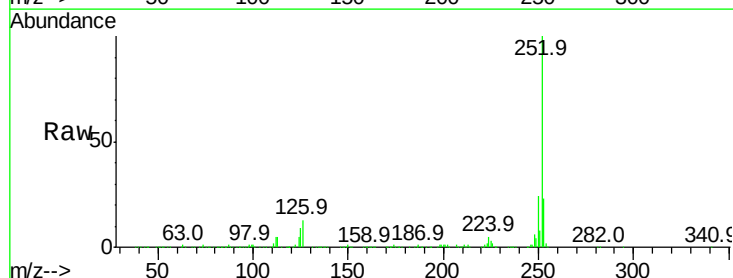
Delta R.T. -0.00 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Tgt Ion:252 Resp: 979775

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	8.7	6.6	9.8

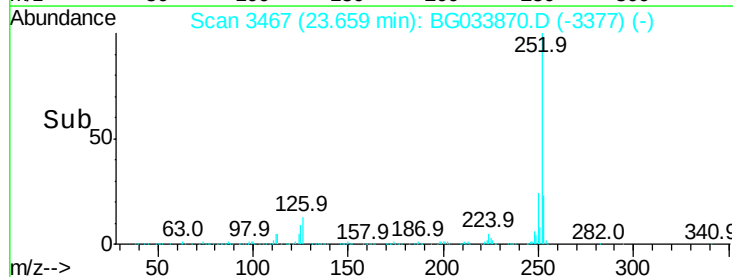
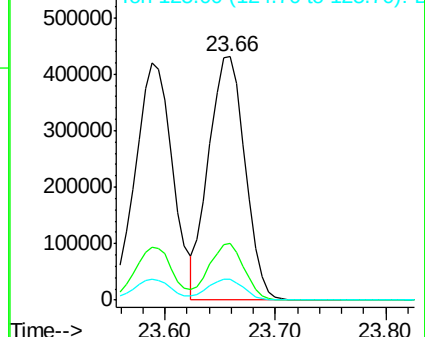


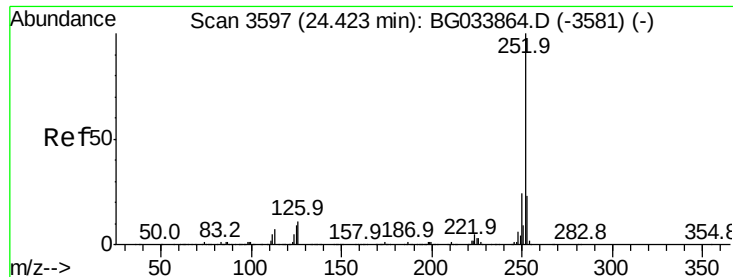
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

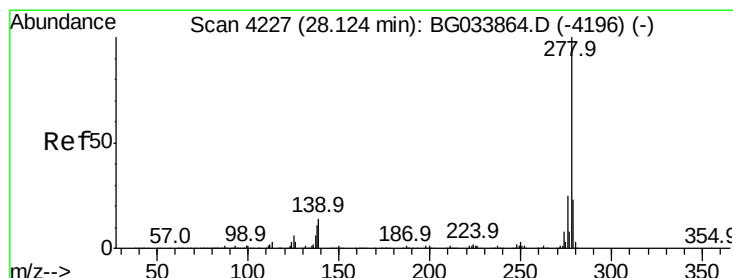
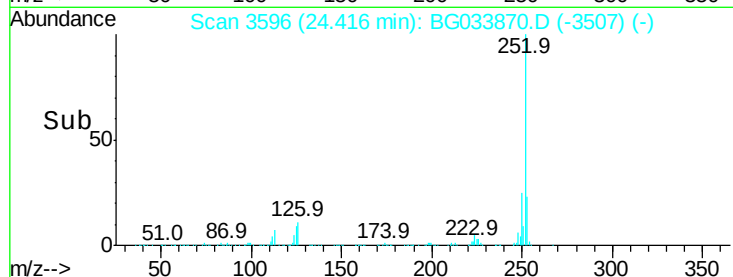
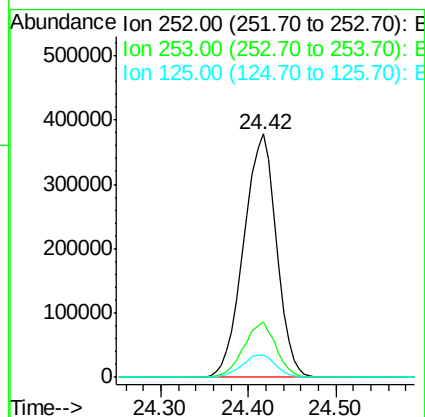
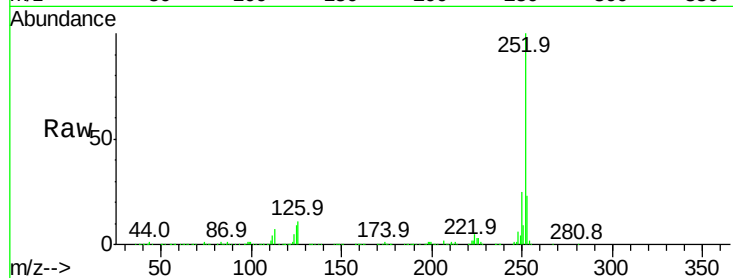




#89
Benzo(a)pyrene
Concen: 41.075 ng
RT: 24.42 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

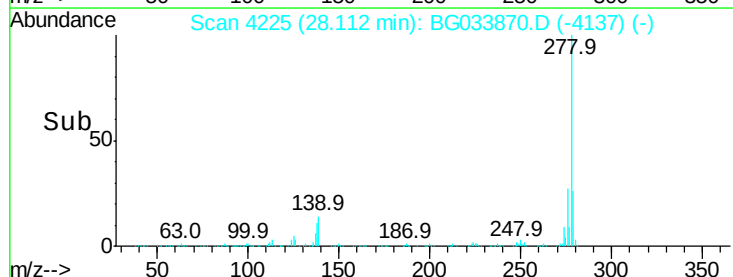
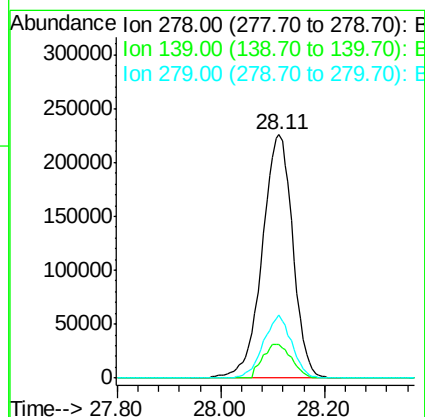
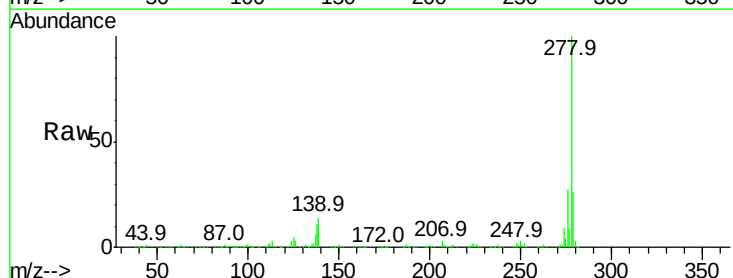
Instrument :
BNA_G
ClientSampled :

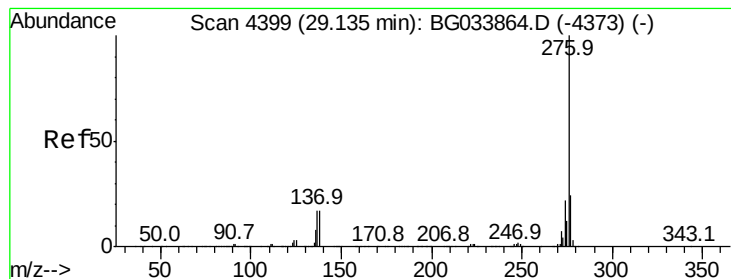
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	9.1	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 40.976 ng
RT: 28.11 min Scan# 4225
Delta R.T. -0.01 min
Lab File: BG033870.D
Acq: 19 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	9.8	14.6
279	25.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 41.031 ng

RT: 29.12 min Scan# 4396

Delta R.T. -0.02 min

Lab File: BG033870.D

Acq: 19 Apr 2018 15:50

Instrument :

BNA_G

ClientSampleId :

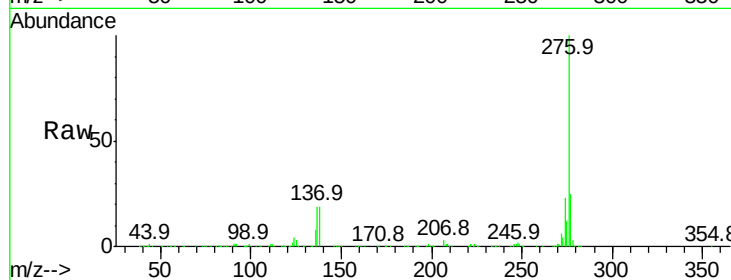
Tot Ion:276 Resp: 912019

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 19.2 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

