

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034008.D
 Acq On : 26 Apr 2018 5:23
 Operator : SJ/JU
 Sample : J2155-08MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 07:21:12 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	7.83	152	64579	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	302260	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	216240	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	555060	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	573764	20.00	ng	-0.02
86) Perylene-d12	24.53	264	592948	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	552584	136.61	ng	0.00
7) Phenol-d6	7.00	99	710667	120.46	ng	0.00
23) Nitrobenzene-d5	8.98	82	511901	96.38	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	420964	166.86	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1318447	89.57	ng	-0.02
78) Terphenyl-d14	19.85	244	2310694	90.48	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	54443	31.853	ng	# 90
3) Pyridine	3.81	79	173799	35.144	ng	93
4) n-Nitrosodimethylamine	3.72	42	95577	42.422	ng	# 89
6) Aniline	7.16	93	184571	23.404	ng	98
8) 2-Chlorophenol	7.40	128	221420	48.853	ng	92
9) Benzaldehyde	6.97	77	86902	24.974	ng	98
10) Phenol	7.02	94	257776	42.650	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	205860	44.534	ng	94
12) 1,3-Dichlorobenzene	7.72	146	216414	41.478	ng	97
13) 1,4-Dichlorobenzene	7.87	146	222706	42.143	ng	98
14) 1,2-Dichlorobenzene	8.18	146	215686	41.970	ng	97
15) Benzyl Alcohol	8.06	79	230815	44.866	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.36	45	338529	37.548	ng	97
17) 2-Methylphenol	8.26	107	197363	44.065	ng	94
18) Hexachloroethane	8.90	117	79539	41.189	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	197992	39.370	ng	# 97
20) 3+4-Methylphenols	8.59	107	276860	42.542	ng	97
22) Acetophenone	8.64	105	348386	42.348	ng	# 94
24) Nitrobenzene	9.02	77	269805	46.617	ng	94
25) Isophorone	9.55	82	538111	45.064	ng	# 93
26) 2-Nitrophenol	9.73	139	134831	58.960	ng	93
27) 2,4-Dimethylphenol	9.79	122	232663	54.393	ng	92
28) bis(2-Chloroethoxy)methane	10.03	93	310069	49.132	ng	96
29) 2,4-Dichlorophenol	10.26	162	263638	55.289	ng	94
30) 1,2,4-Trichlorobenzene	10.47	180	249111	46.644	ng	98
31) Naphthalene	10.66	128	712719	45.853	ng	98
32) Benzoic acid	9.91	122	125389	31.381	ng	86
33) 4-Chloroaniline	10.77	127	35299	4.832	ng	97
34) Hexachlorobutadiene	10.95	225	151219	47.331	ng	96
35) Caprolactam	11.55	113	44320	21.862	ng	88
36) 4-Chloro-3-methylphenol	11.90	107	278987	47.938	ng	# 86
37) 2-Methylnaphthalene	12.27	142	551339	46.329	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	334027	46.519	ng	99
40) Hexachlorocyclopentadiene	12.62	237	382460	96.871	ng	92

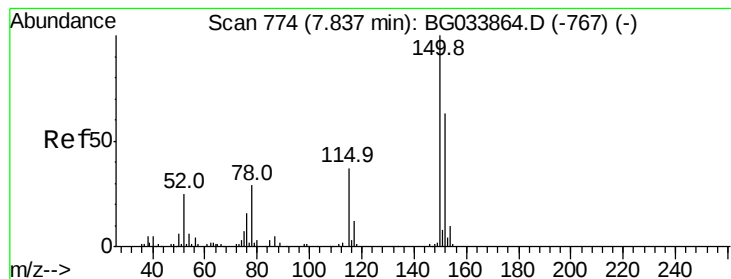
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	232837	53.184	ng	97
43) 2,4,5-Trichlorophenol	12.96	196	256586	50.980	ng	96
45) 1,1'-Biphenyl	13.29	154	766191	43.771	ng	98
46) 2-Chloronaphthalene	13.33	162	593044	44.682	ng	99
47) 2-Nitroaniline	13.53	65	204728	49.402	ng	91
48) Acenaphthylene	14.18	152	942963	42.741	ng	98
49) Dimethylphthalate	13.92	163	840650	44.195	ng	98
50) 2,6-Dinitrotoluene	14.04	165	192896	53.511	ng #	79
51) Acenaphthene	14.52	154	592496	42.750	ng	97
52) 3-Nitroaniline	14.36	138	78066	19.944	ng #	85
53) 2,4-Dinitrophenol	14.57	184	161191	125.036	ng #	55
54) Dibenzofuran	14.86	168	947644	46.120	ng	96
55) 4-Nitrophenol	14.67	139	315637	102.818	ng	89
56) 2,4-Dinitrotoluene	14.83	165	277234	57.835	ng #	81
57) Fluorene	15.51	166	804036	45.219	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	261760	56.801	ng	95
59) Diethylphthalate	15.30	149	868101	43.176	ng	97
60) 4-Chlorophenyl-phenylether	15.51	204	444369	47.781	ng	97
61) 4-Nitroaniline	15.54	138	202649	48.761	ng	90
62) Azobenzene	15.80	77	742036	41.402	ng	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	128922	48.203	ng	88
65) n-Nitrosodiphenylamine	15.73	169	713207	44.196	ng	98
66) 4-Bromophenyl-phenylether	16.41	248	292346	47.959	ng	98
67) Hexachlorobenzene	16.51	284	302975	46.606	ng	98
68) Atrazine	16.68	200	322126	50.954	ng	98
69) Pentachlorophenol	16.86	266	398611	89.267	ng #	57
70) Phenanthrene	17.25	178	1315346	44.173	ng	97
71) Anthracene	17.35	178	1363760	45.797	ng	98
72) Carbazole	17.62	167	1257114	43.759	ng	96
73) Di-n-butylphthalate	18.19	149	1516836	42.442	ng	98
74) Fluoranthene	19.28	202	1662984	46.169	ng	95
76) Benzidine	19.46	184	305384	19.710	ng	98
77) Pyrene	19.63	202	1648686	43.810	ng	94
79) Butylbenzylphthalate	20.55	149	704655	42.638	ng	89
80) Benzo(a)anthracene	21.45	228	1629922	45.050	ng	96
81) 3,3'-Dichlorobenzidine	21.37	252	318997	23.646	ng	98
82) Chrysene	21.51	228	1541963	44.631	ng	95
83) Bis(2-ethylhexyl)phthalate	21.39	149	966949	41.429	ng	100
84) Di-n-octyl phthalate	22.55	149	1644000	44.377	ng	99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1937121	49.256	ng #	93
87) Benzo(b)fluoranthene	23.56	252	1665554	46.044	ng	99
88) Benzo(k)fluoranthene	23.63	252	1639302	45.623	ng	96
89) Benzo(a)pyrene	24.39	252	1637158	47.258	ng	99
90) Dibenzo(a,h)anthracene	28.06	278	1597815	47.665	ng	96
91) Benzo(g,h,i)perylene	29.08	276	1594411	48.338	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampled :

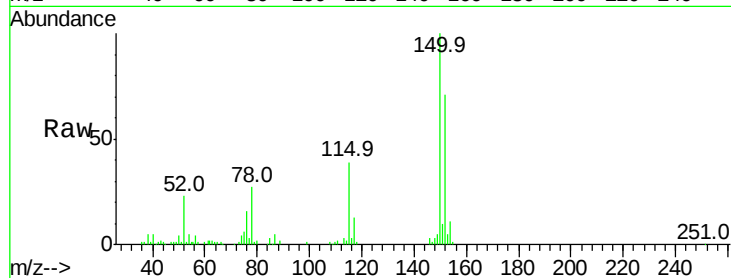
Tot Ion:152 Resp: 64579

Ion Ratio Lower Upper

152 100

150 140.5 126.6 189.8

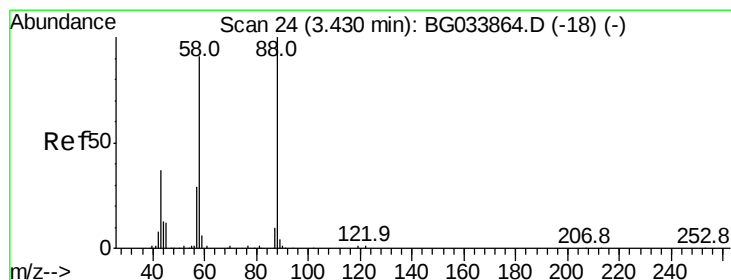
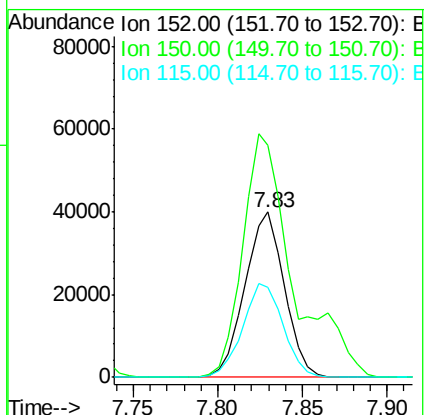
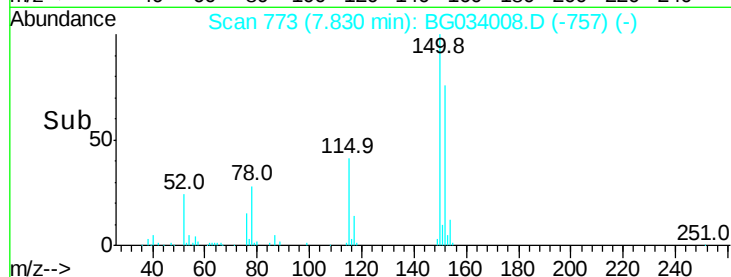
115 54.4 53.0 79.4



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: 31.853 ng

RT: 3.43 min Scan# 25

Delta R.T. 0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

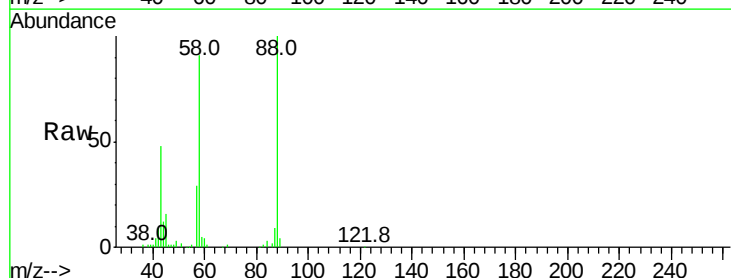
Tgt Ion: 88 Resp: 54443

Ion Ratio Lower Upper

88 100

58 90.9 79.6 119.4

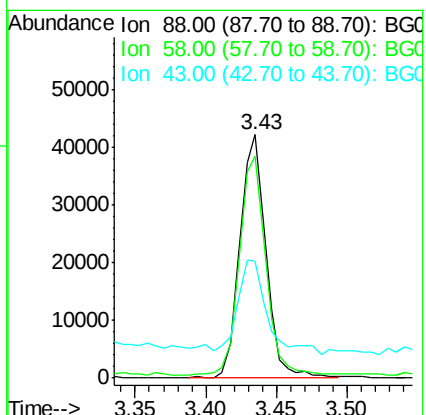
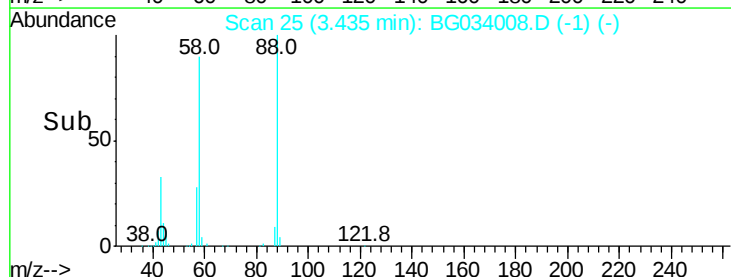
43 43.3 27.4 41.0#

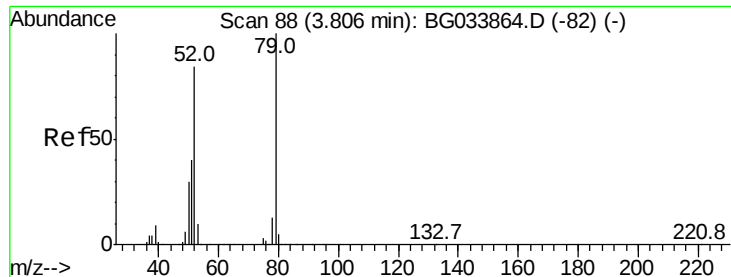


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

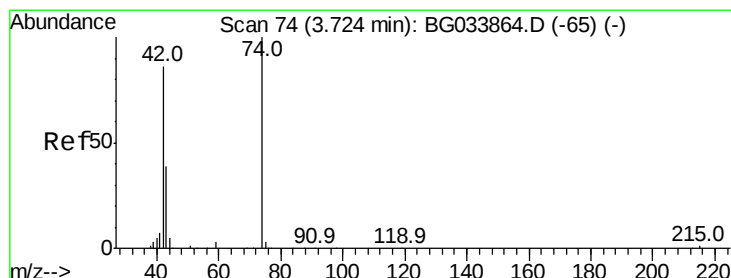
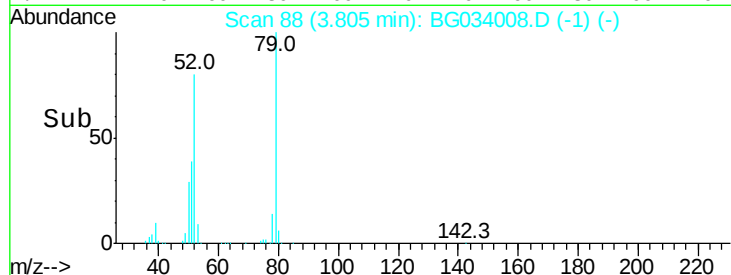
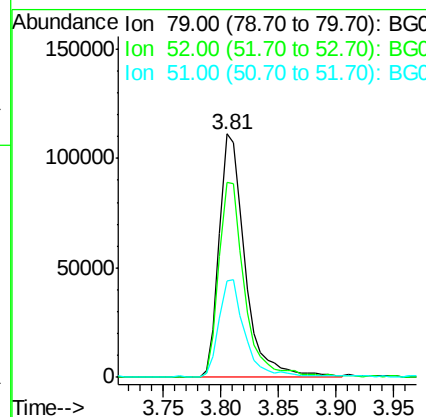
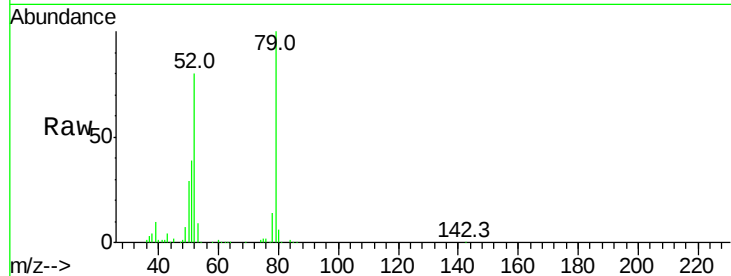




#3
 Pvridine
 Concen: 35.144 ng
 RT: 3.81 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

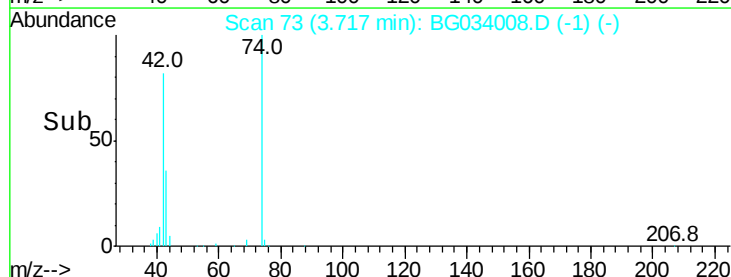
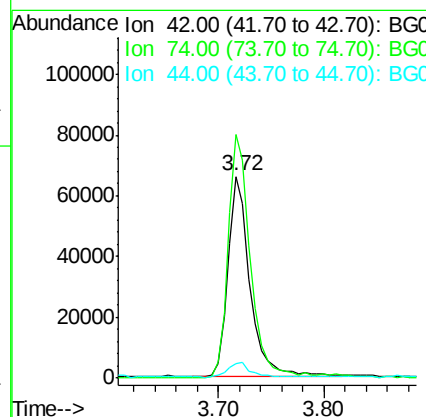
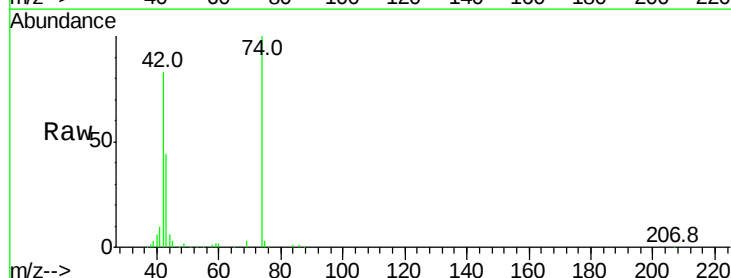
Instrument :
 BNA_G
 ClientSampled :

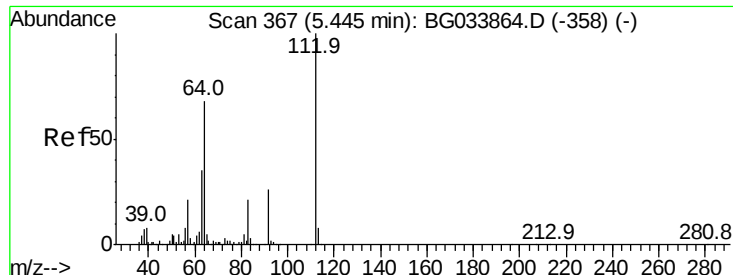
Tot Ion	Ratio	Lower	Upper
79	100		
52	80.1	69.9	104.9
51	39.4	34.0	51.0



#4
 n-Nitrosodimethylamine
 Concen: 42.422 ng
 RT: 3.72 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.6	102.5	153.7
44	7.3	18.9	28.3





#5

2-Fluorophenol

Concen: 136.611 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

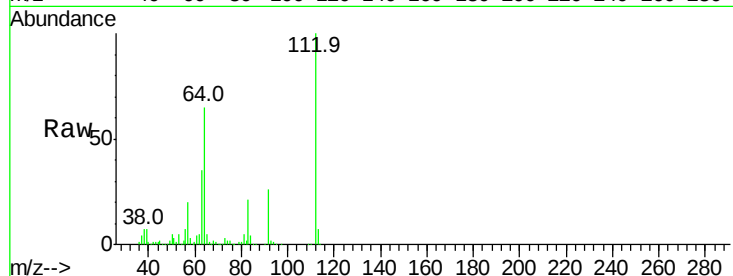
Tot Ion:112 Resp: 552584

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

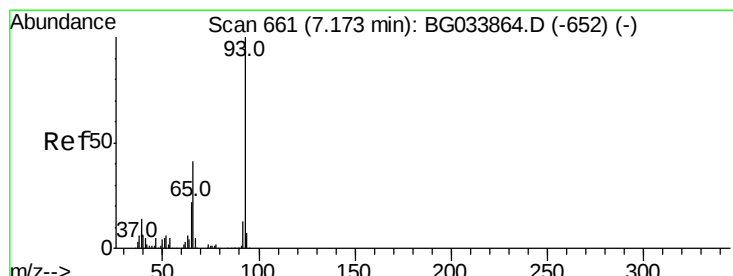
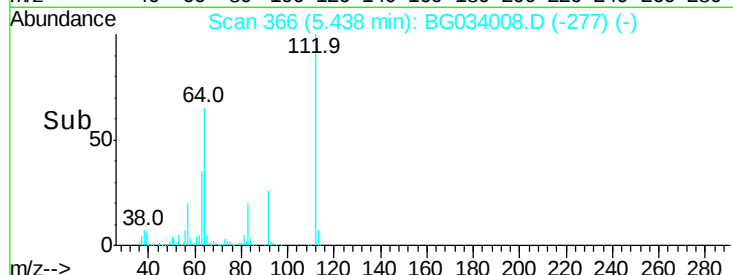
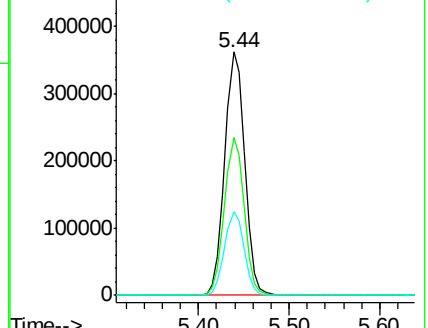
63 34.6 30.1 45.1



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: 23.404 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

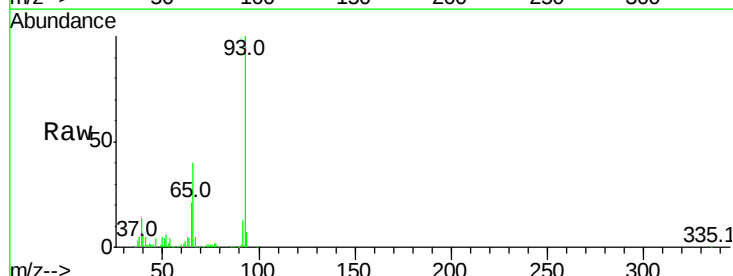
Tgt Ion: 93 Resp: 184571

Ion Ratio Lower Upper

93 100

66 40.4 33.7 50.5

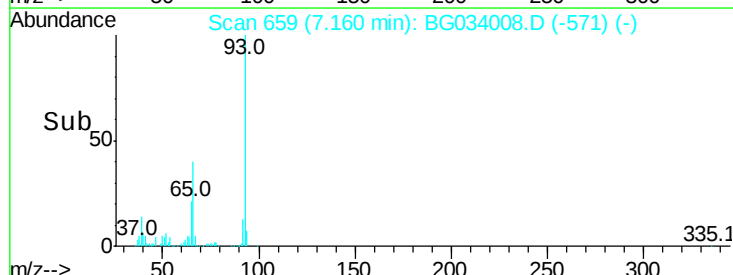
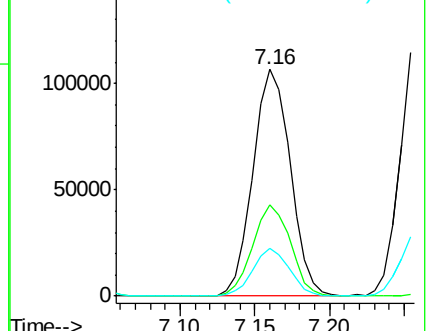
65 20.9 16.1 24.1

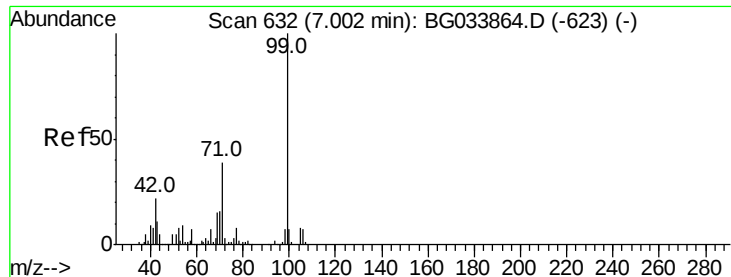


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.456 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampled :

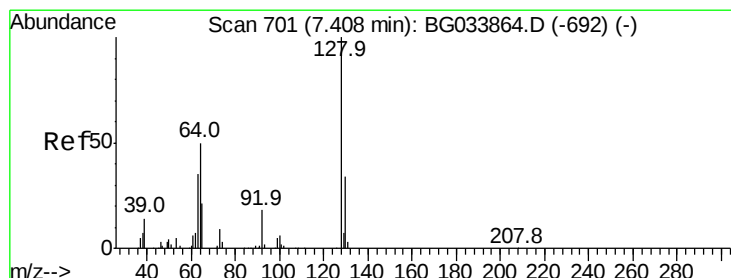
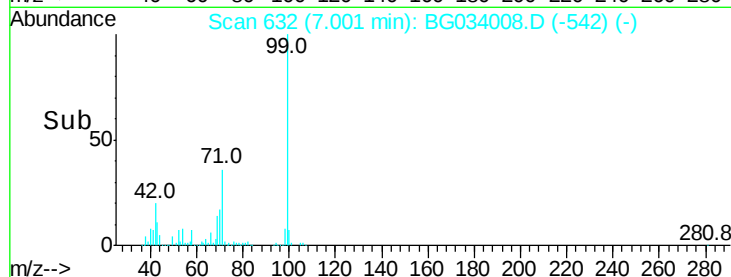
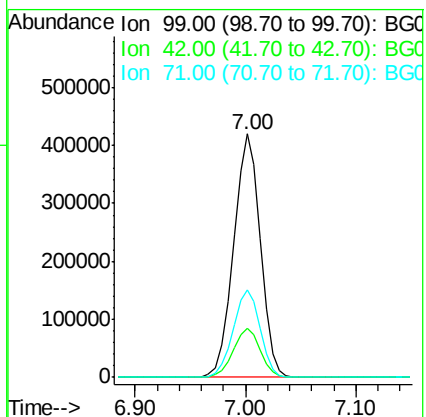
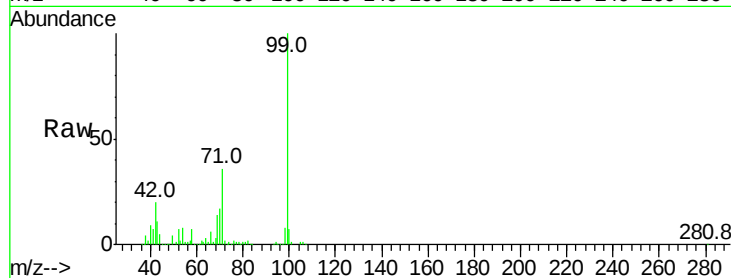
Tot Ion: 99 Resp: 710667

Ion Ratio Lower Upper

99 100

42 20.4 14.1 21.1

71 35.9 26.1 39.1



#8

2-Chlorophenol

Concen: 48.853 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

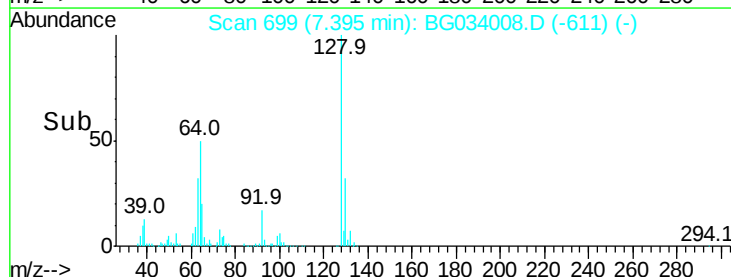
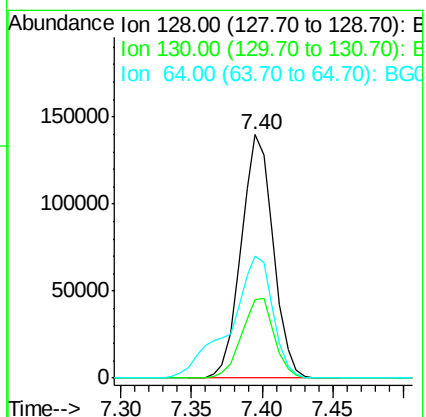
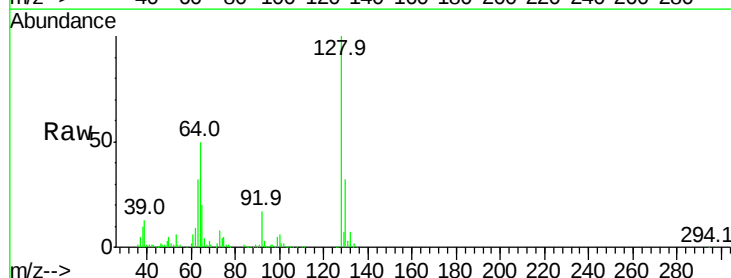
Tgt Ion: 128 Resp: 221420

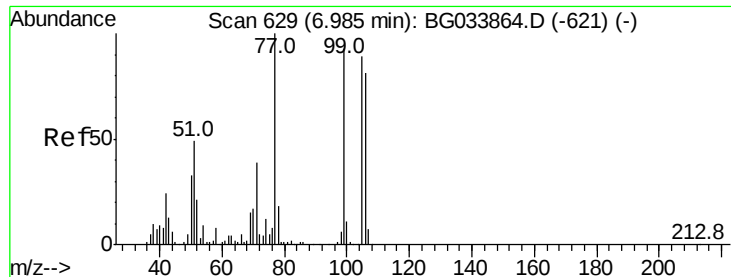
Ion Ratio Lower Upper

128 100

130 32.1 14.0 54.0

64 50.0 37.7 77.7





#9

Benzaldehyde

Concen: 24.974 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

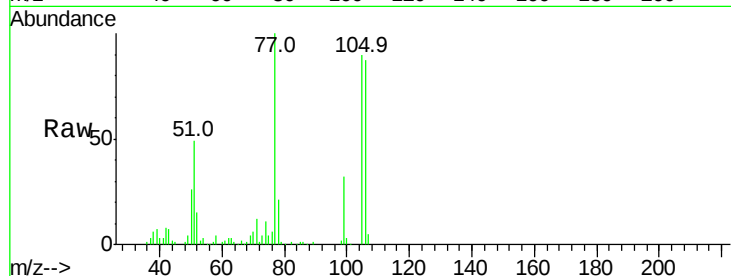
Tot Ion: 77 Resp: 86902

Ion Ratio Lower Upper

77 100

105 90.2 71.3 111.3

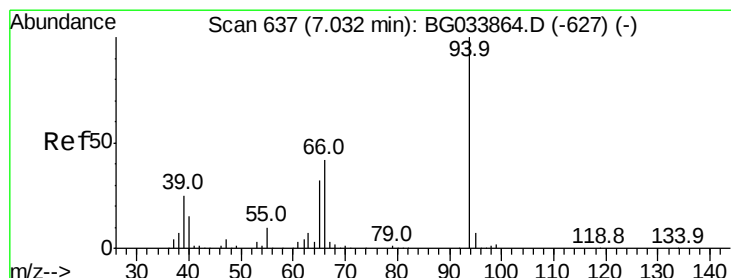
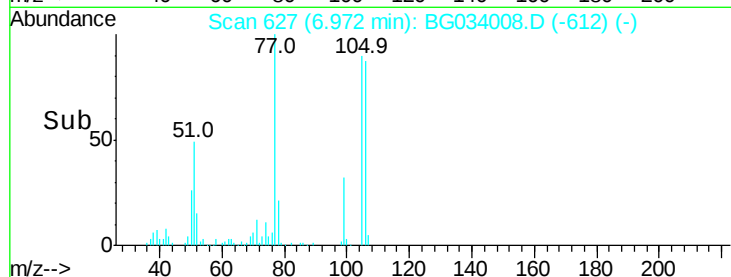
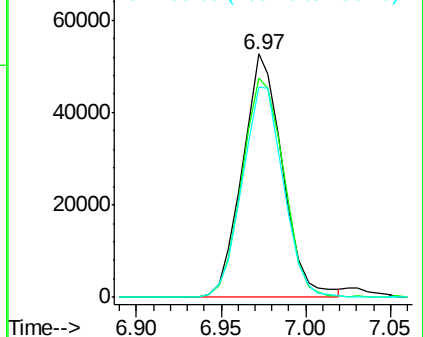
106 86.5 64.2 104.2



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: 42.650 ng

RT: 7.02 min Scan# 636

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

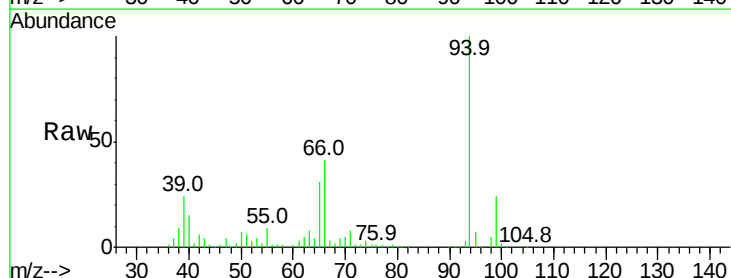
Tgt Ion: 94 Resp: 257776

Ion Ratio Lower Upper

94 100

65 31.0 11.9 51.9

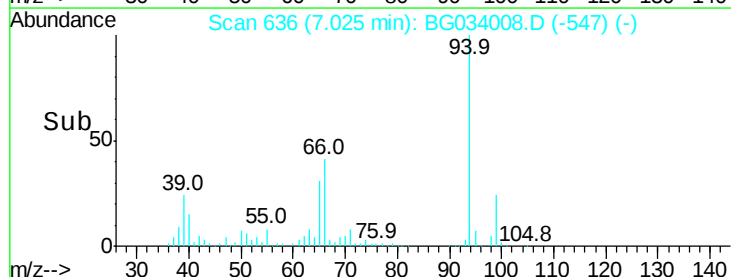
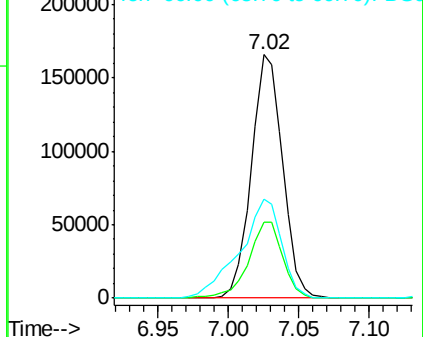
66 40.8 22.2 62.2

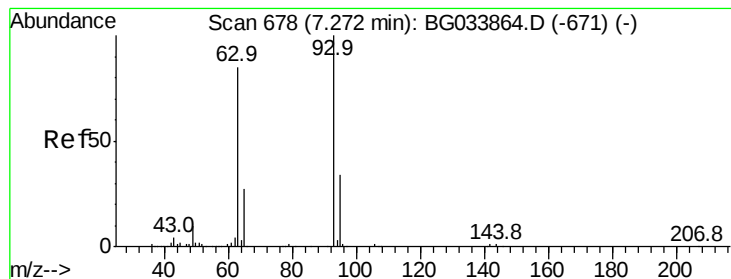


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.534 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

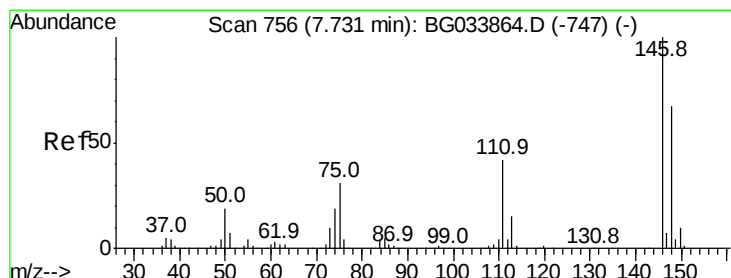
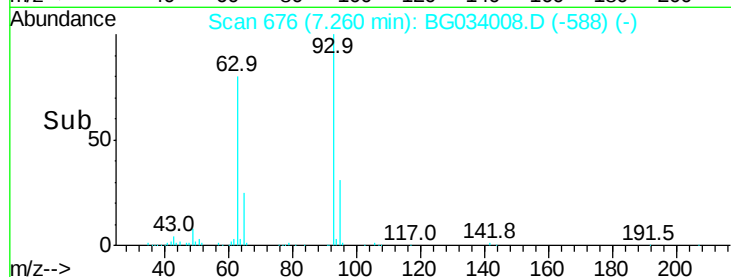
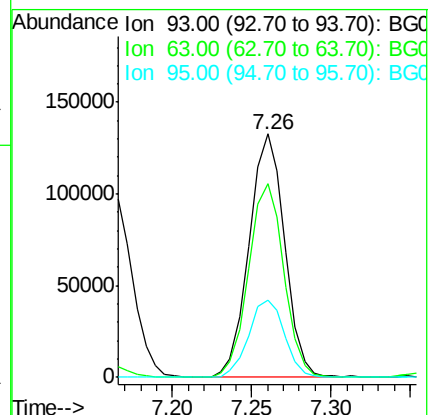
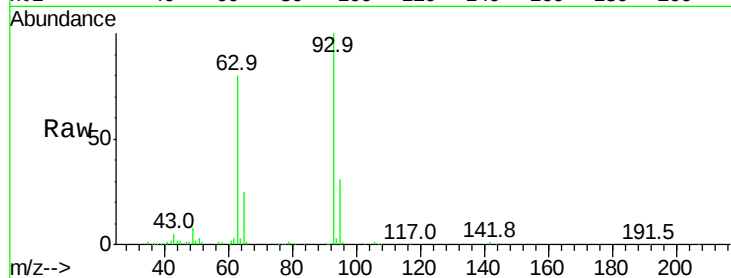
Tot Ion: 93 Resp: 205860

Ion Ratio Lower Upper

93 100

63 79.6 67.1 107.1

95 31.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.478 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

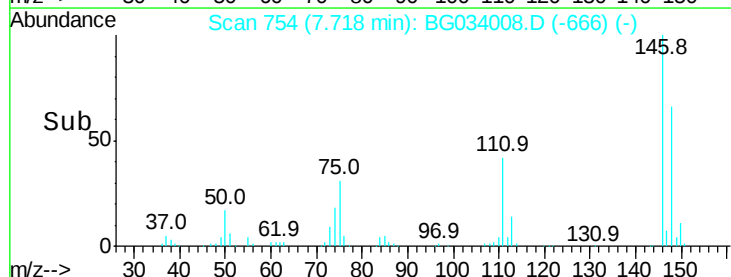
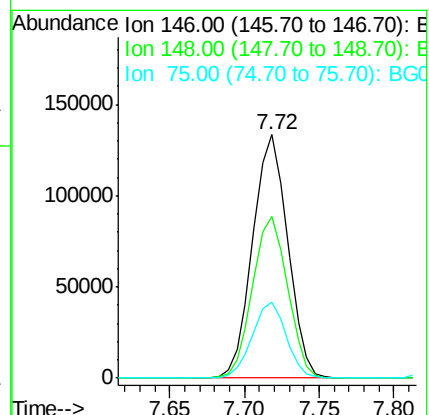
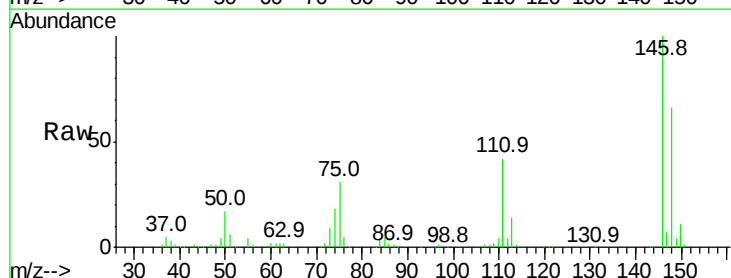
Tgt Ion: 146 Resp: 216414

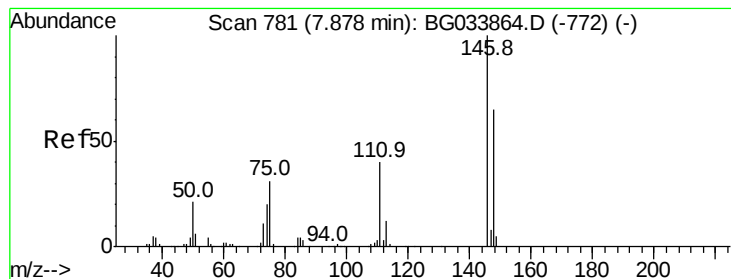
Ion Ratio Lower Upper

146 100

148 66.4 51.4 77.2

75 31.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.143 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

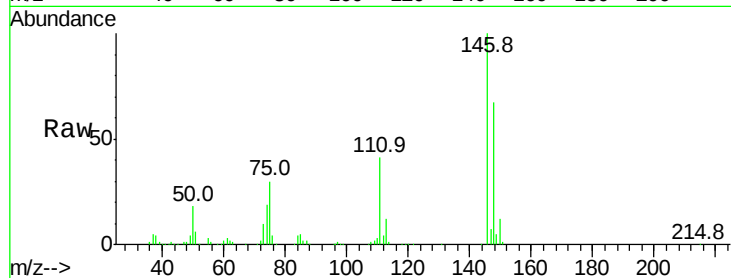
Tot Ion:146 Resp: 222706

Ion Ratio Lower Upper

146 100

148 67.4 53.7 80.5

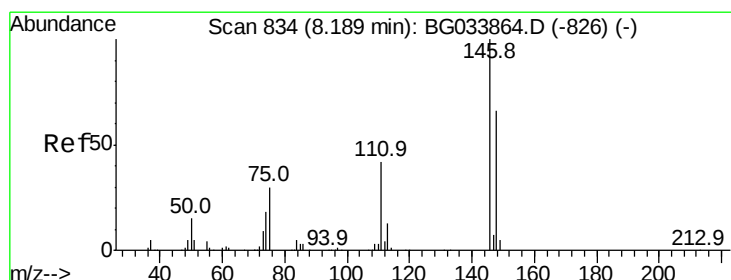
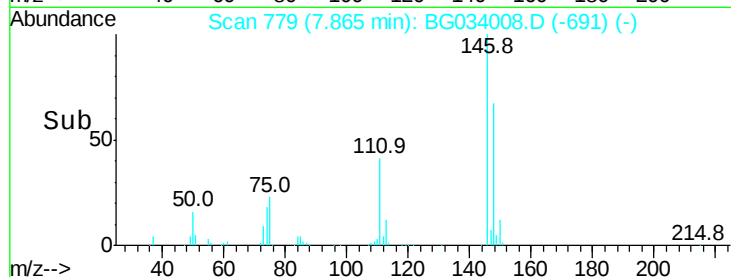
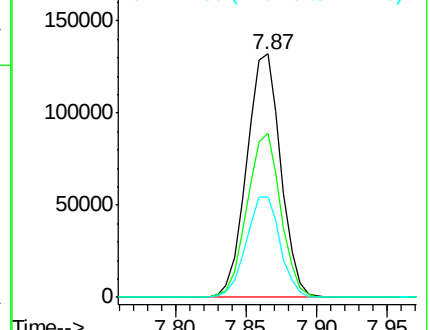
111 41.0 35.2 52.8



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: 41.970 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

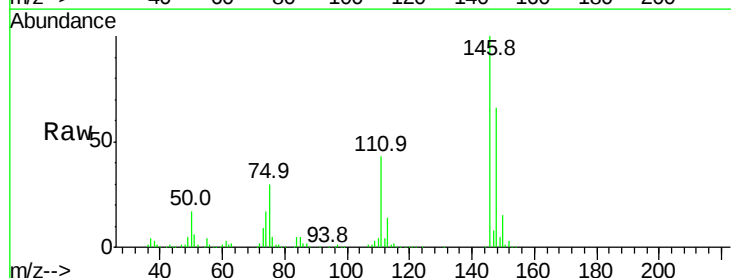
Tgt Ion:146 Resp: 215686

Ion Ratio Lower Upper

146 100

148 65.6 49.3 73.9

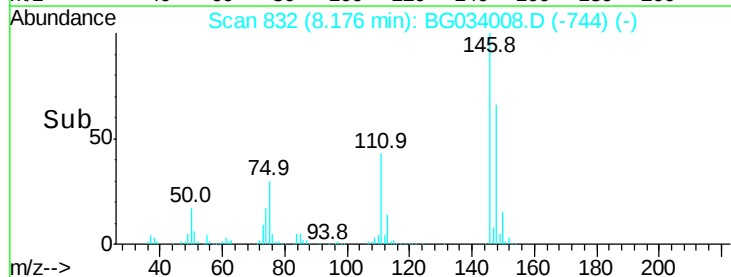
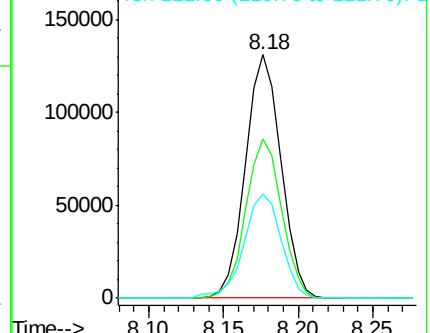
111 42.5 34.3 51.5

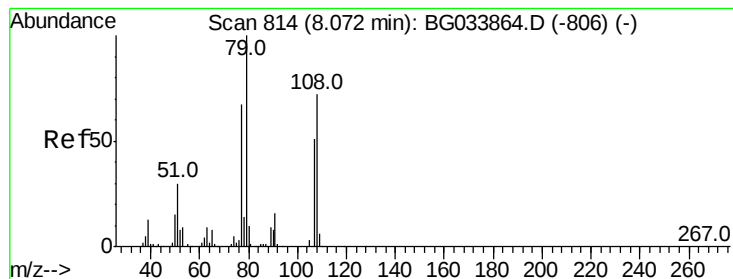


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.866 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

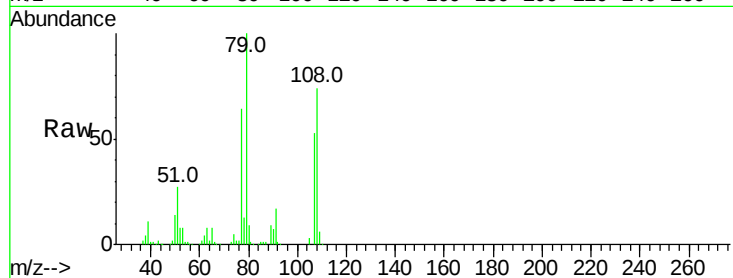
Tot Ion: 79 Resp: 230815

Ion Ratio Lower Upper

79 100

108 74.4 57.2 85.8

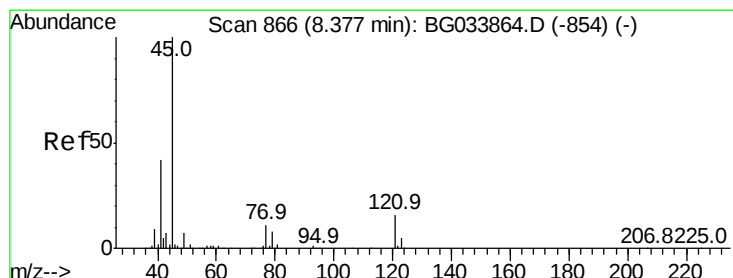
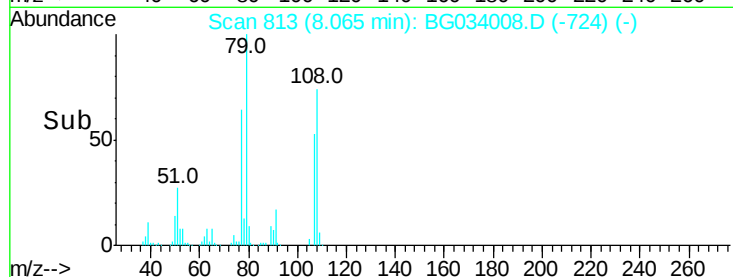
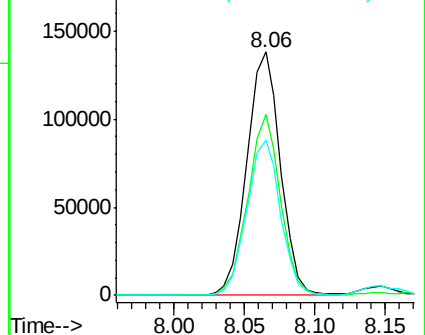
77 64.0 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.548 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

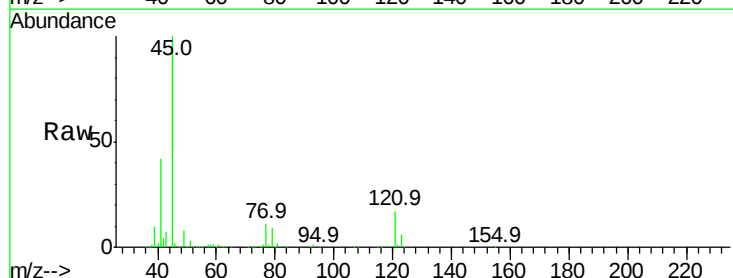
Tgt Ion: 45 Resp: 338529

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.2

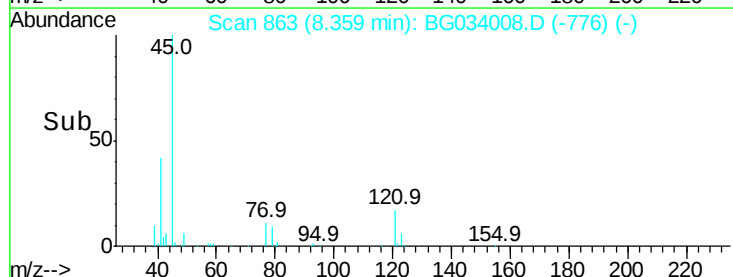
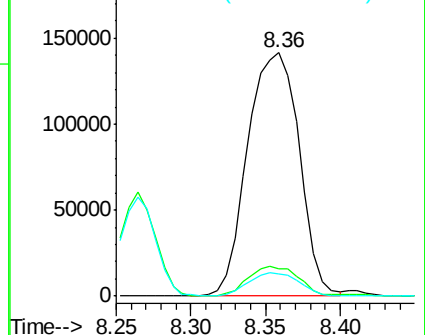
79 9.1 0.0 27.9

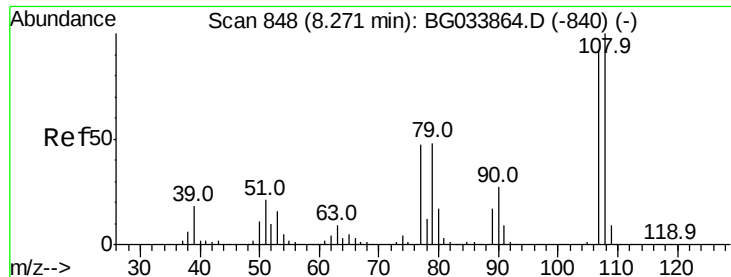


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

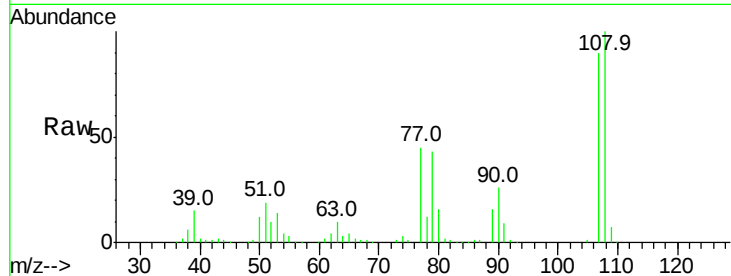




#17
2-Methylphenol
Concen: 44.065 ng
RT: 8.26 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	83.9	125.9
77	50.5	37.2	55.8
79	47.7	36.2	54.2



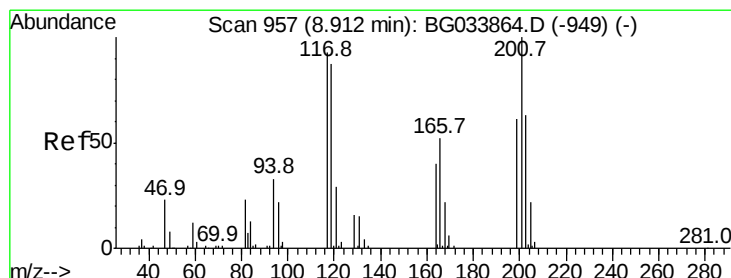
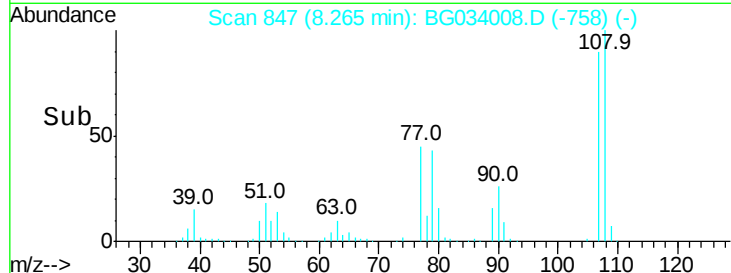
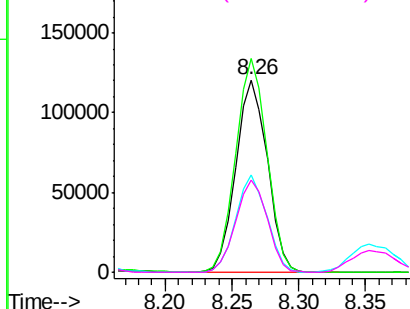
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

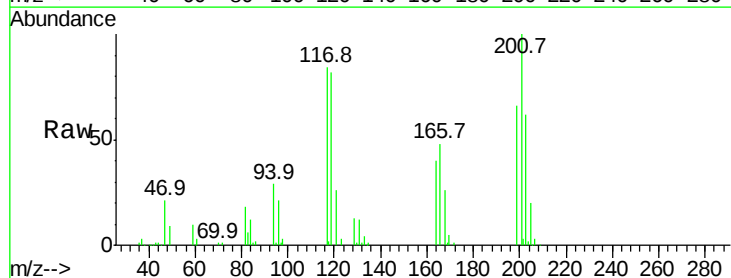
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.189 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.7	115.1
201	121.6	95.7	143.5

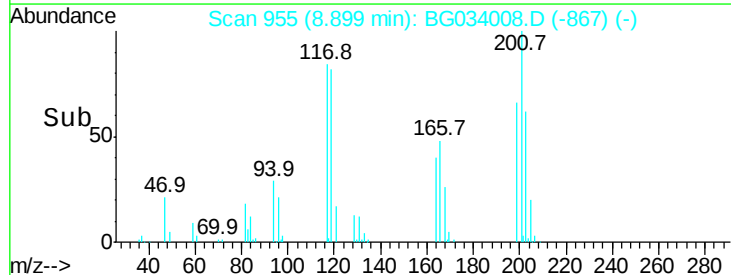
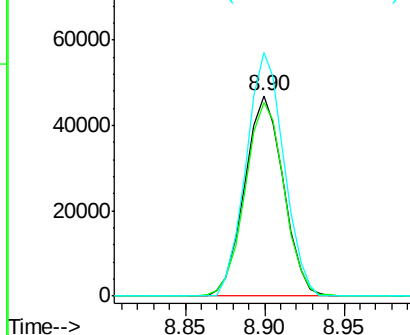


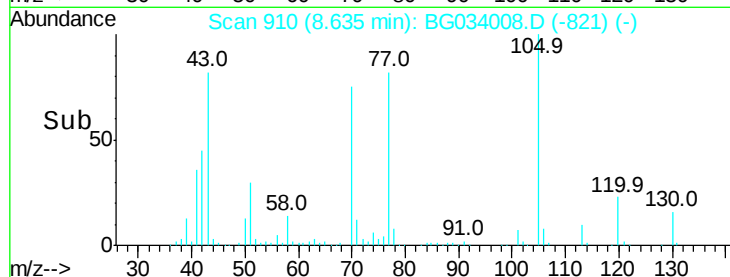
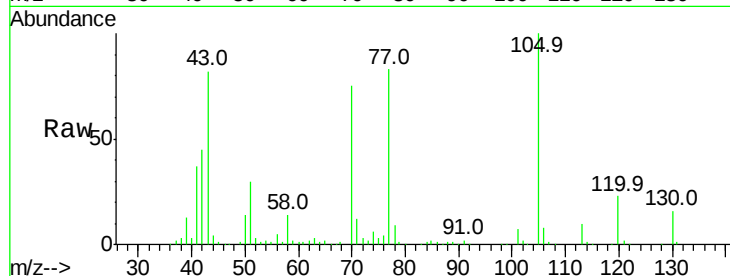
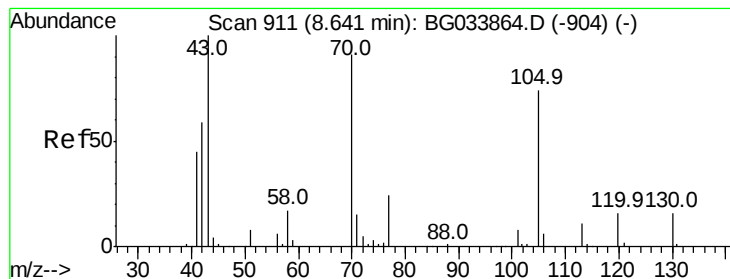
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.370 ng

RT: 8.63 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

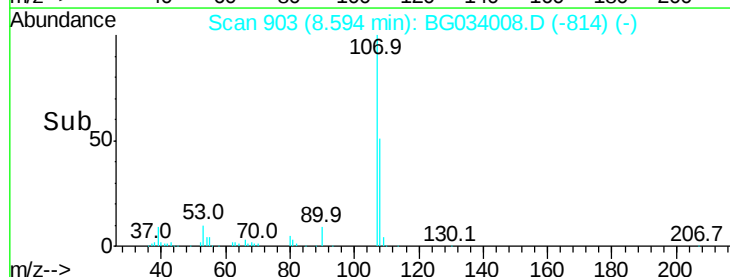
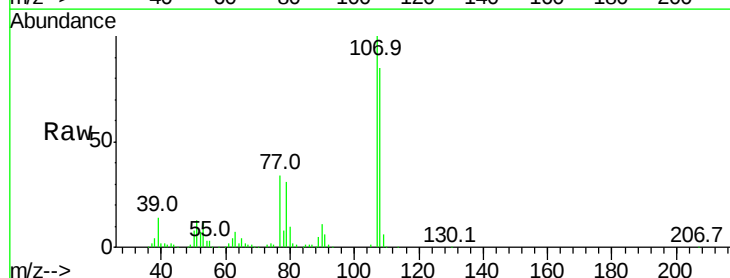
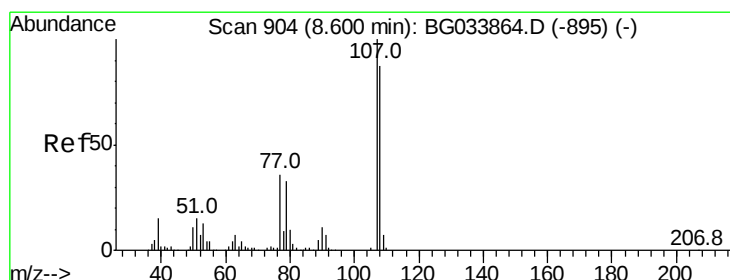
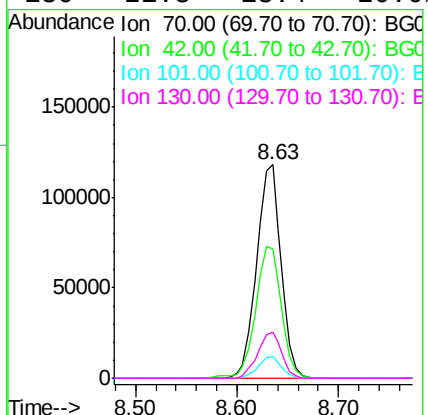
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 197992

Ion Ratio Lower Upper

70	100		
42	60.8	49.1	73.7
101	10.0	8.5	12.7
130	21.3	13.4	20.0



#20

3+4-Methylphenols

Concen: 42.542 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

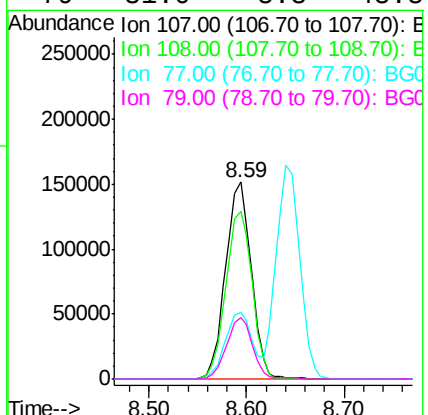
Lab File: BG034008.D

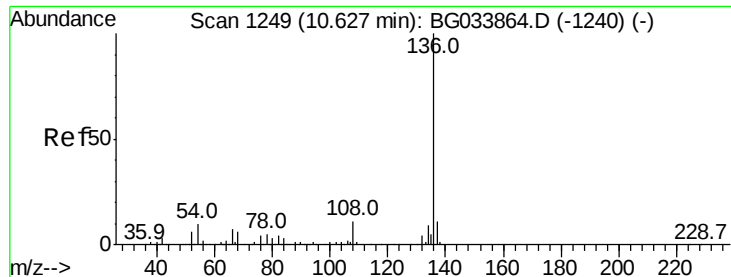
Acq: 26 Apr 2018 5:23

Tgt Ion:107 Resp: 276860

Ion Ratio Lower Upper

107	100		
108	85.1	61.6	101.6
77	33.7	13.9	53.9
79	31.0	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 302260

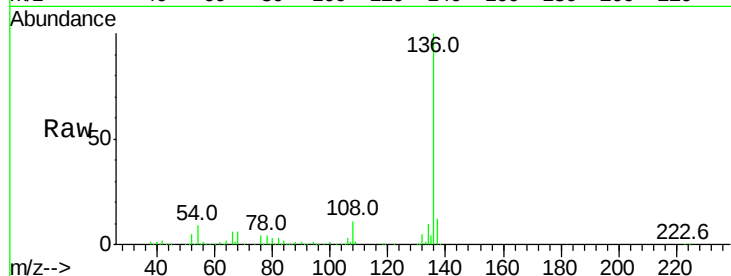
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 8.9 10.3 15.5#

68 6.1 4.5 6.7

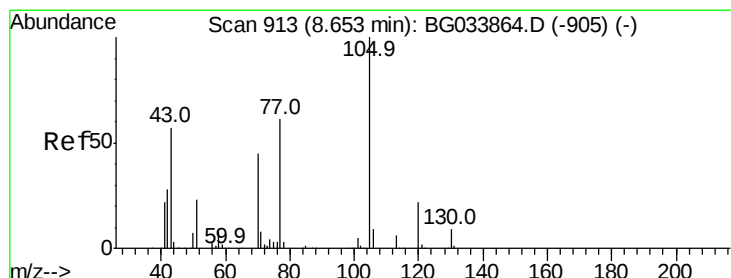
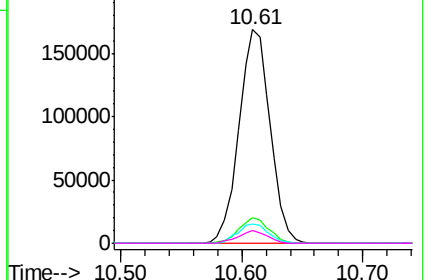
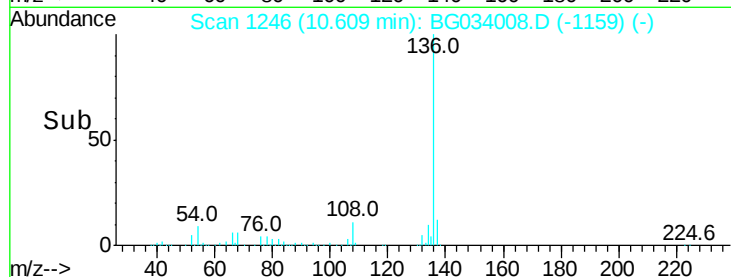


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.348 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Tgt Ion:105 Resp: 348386

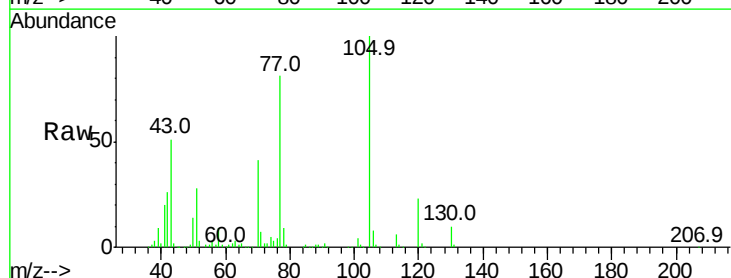
Ion Ratio Lower Upper

105 100

71 6.6 3.0 4.4#

51 28.0 26.1 39.1

120 22.7 17.4 26.2

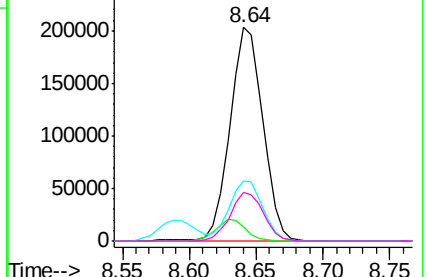
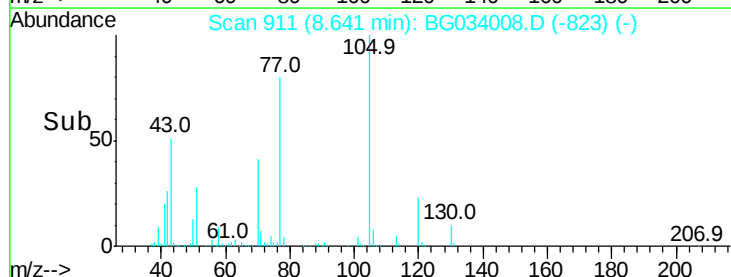


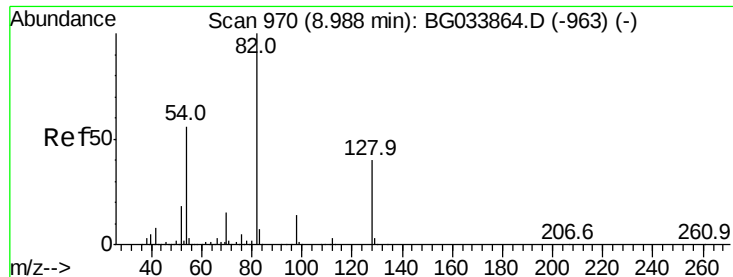
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.381 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampled :

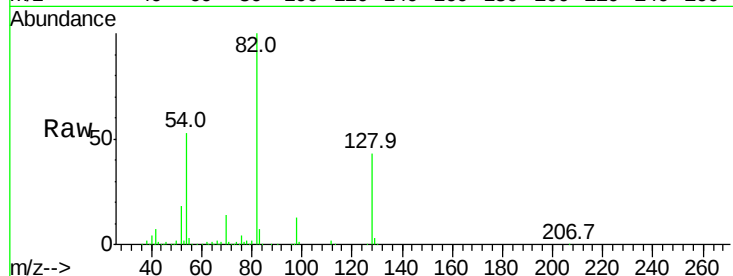
Tot Ion: 82 Resp: 511901

Ion Ratio Lower Upper

82 100

128 43.1 29.7 44.5

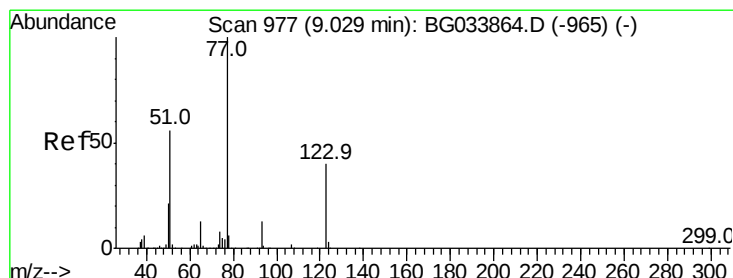
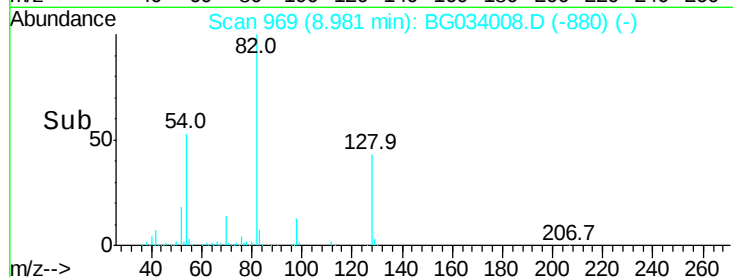
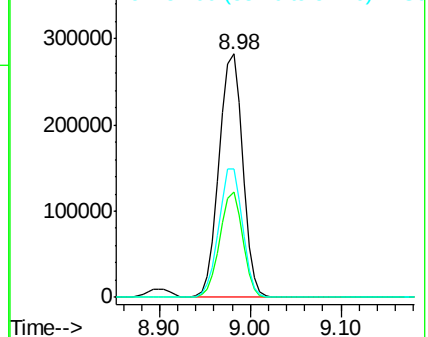
54 52.6 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 46.617 ng

RT: 9.02 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

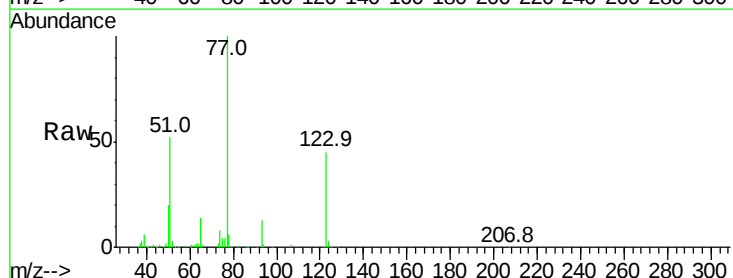
Tgt Ion: 77 Resp: 269805

Ion Ratio Lower Upper

77 100

123 45.1 33.0 49.6

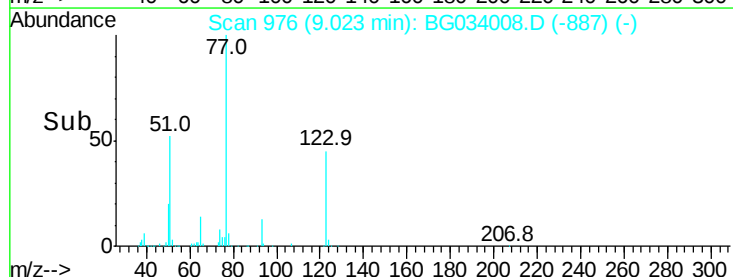
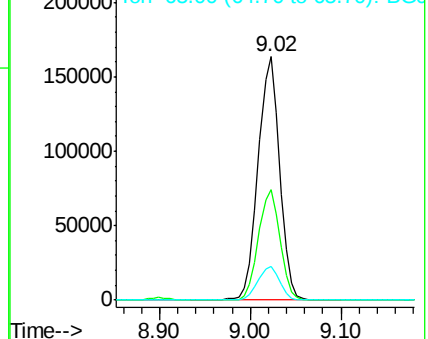
65 13.7 13.0 19.6

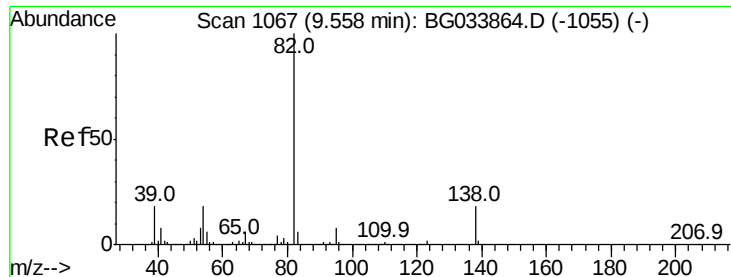


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

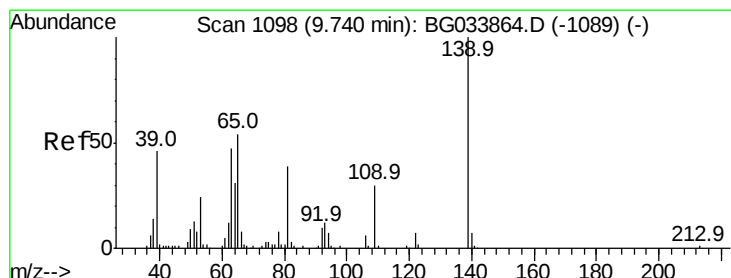
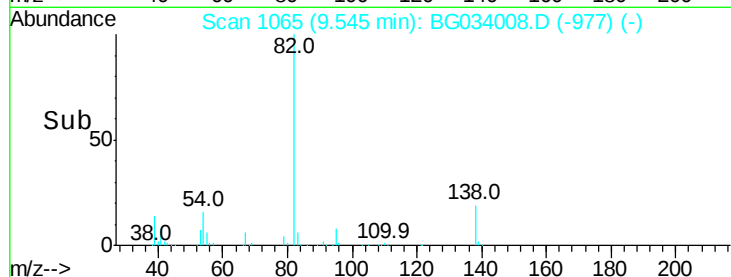
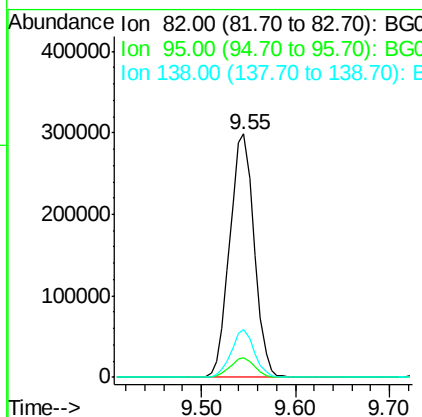
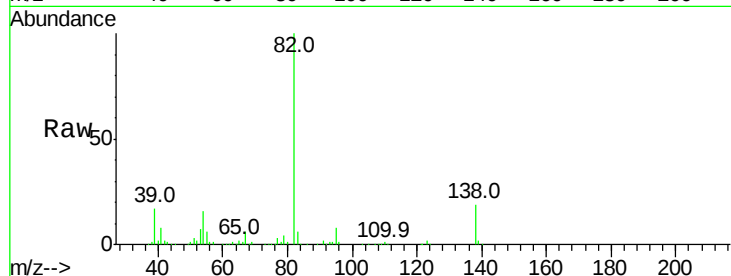




#25
Isophorone
Concen: 45.064 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

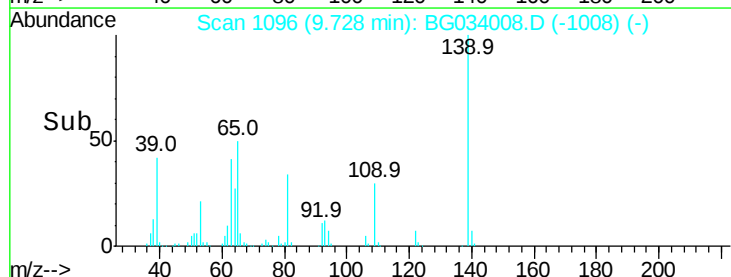
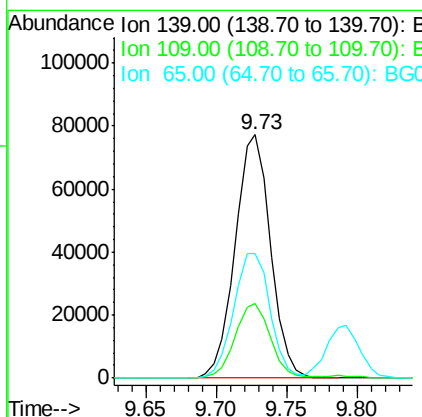
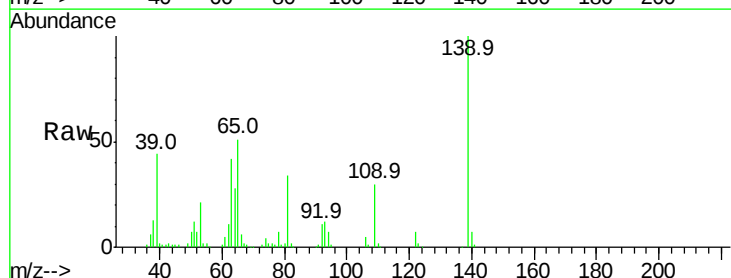
Instrument :
BNA_G
ClientSampleId :

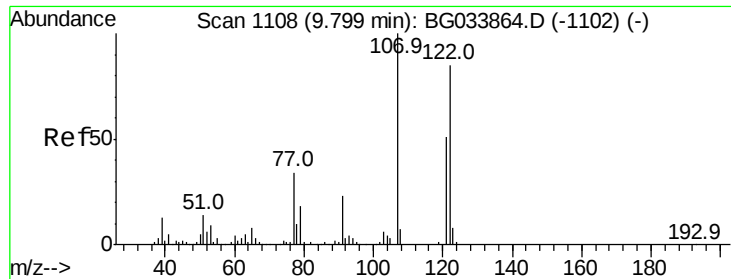
Tot Ion: 82 Resp: 538111
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 19.4 12.1 18.1#



#26
2-Nitrophenol
Concen: 58.960 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion: 139 Resp: 134831
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 51.2 47.4 71.0

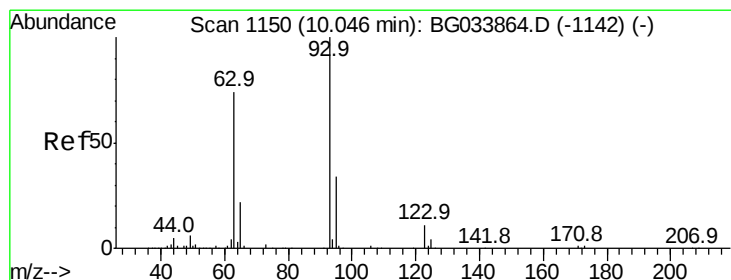
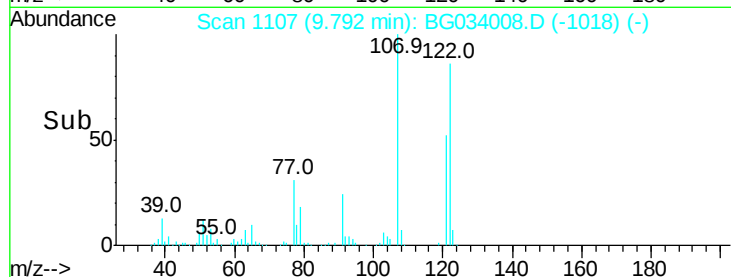
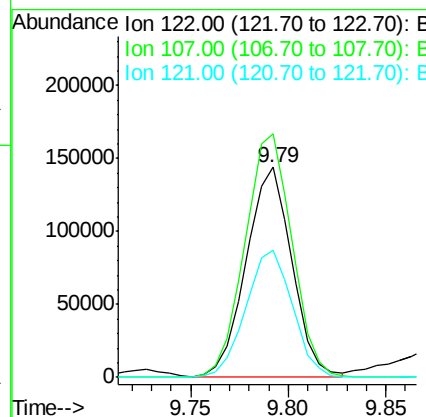
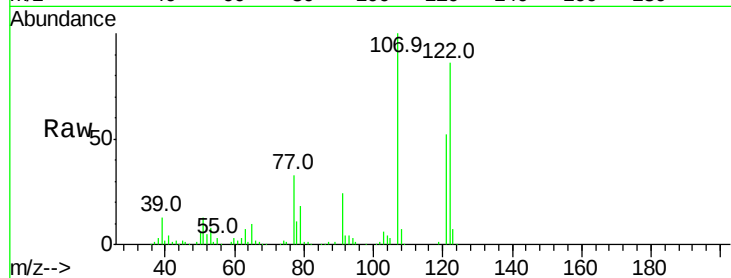




#27
 2,4-Dimethylphenol
 Concen: 54.393 ng
 RT: 9.79 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

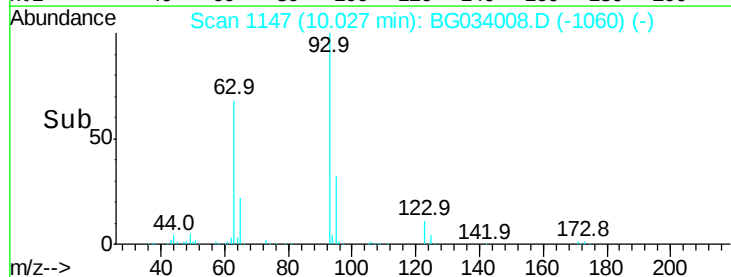
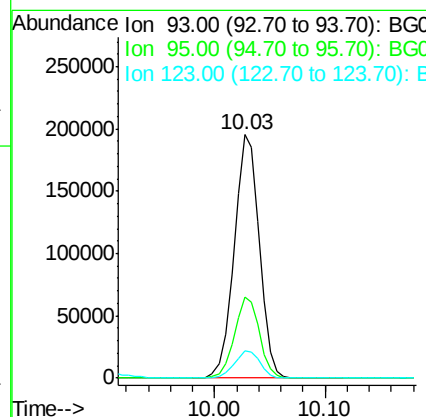
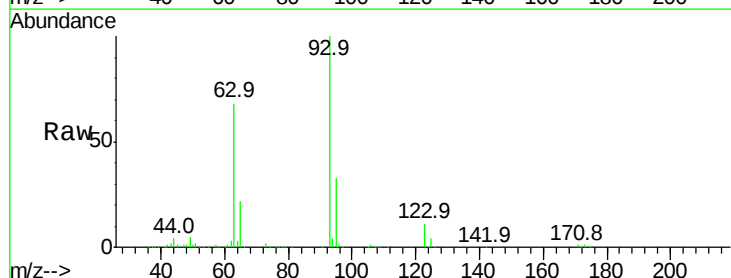
Instrument :
 BNA_G
 ClientSampleId :

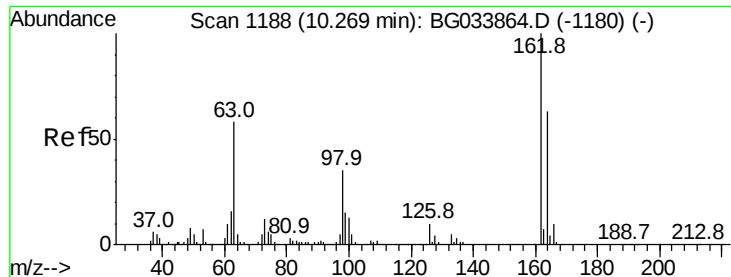
Tot Ion:122 Resp: 232663
 Ion Ratio Lower Upper
 122 100
 107 116.0 100.2 150.2
 121 60.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.132 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion: 93 Resp: 310069
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.3 36.5
 123 11.0 8.4 12.6

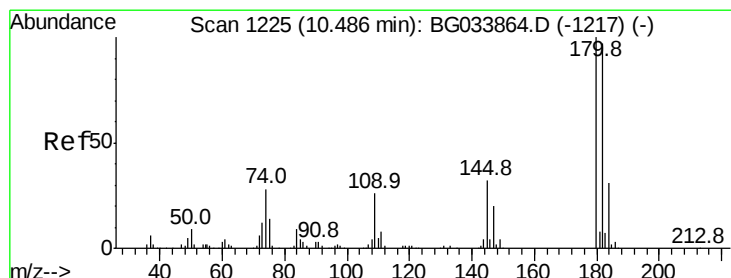
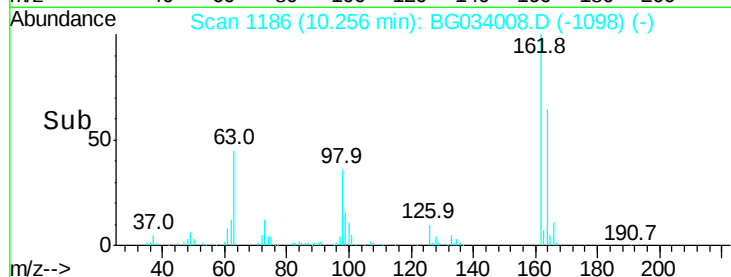
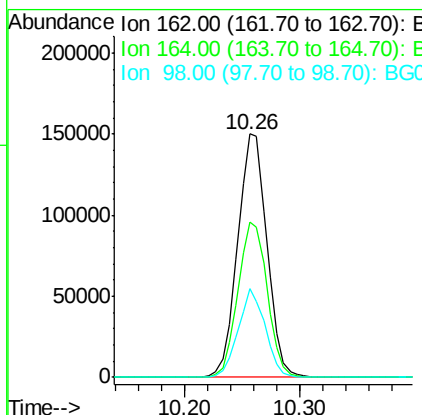
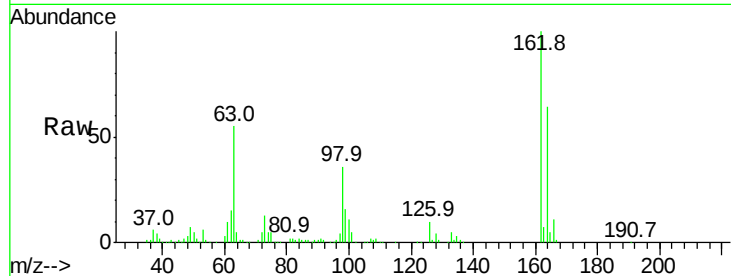




#29
2,4-Dichlorophenol
Concen: 55.289 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

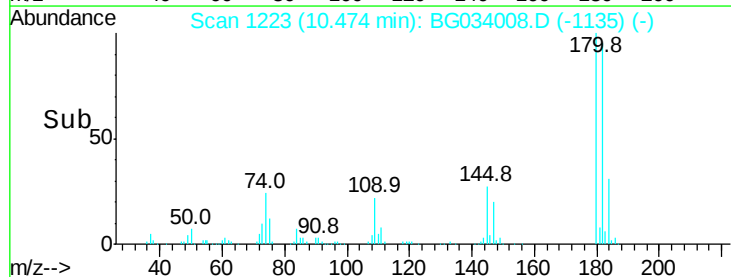
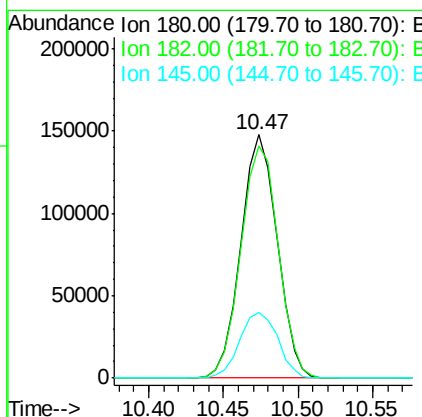
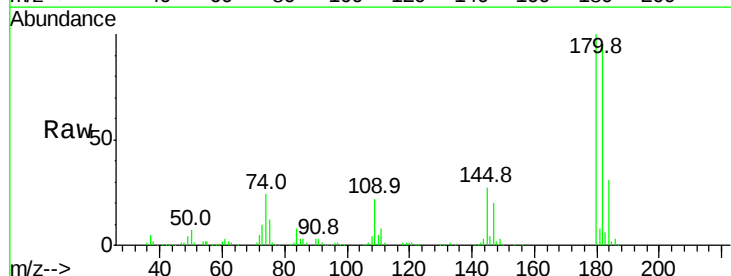
Instrument :
BNA_G
ClientSampleId :

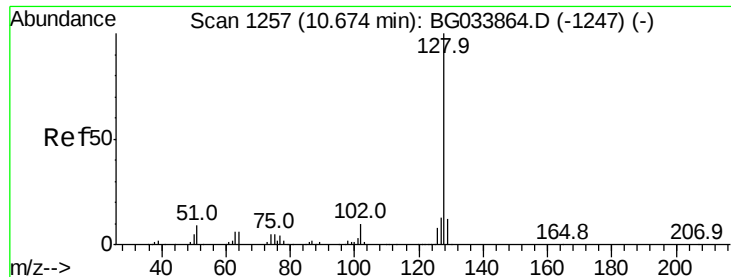
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.0	88.0
98	36.5	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 46.644 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.5	116.3
145	27.2	23.4	35.2

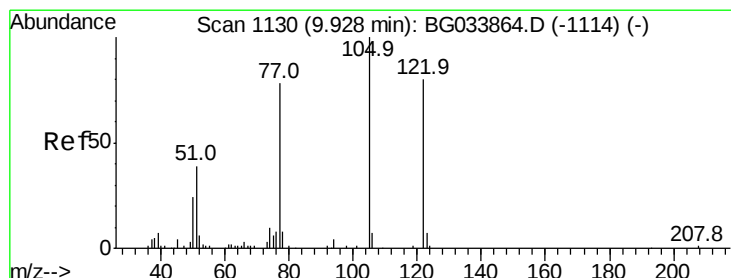
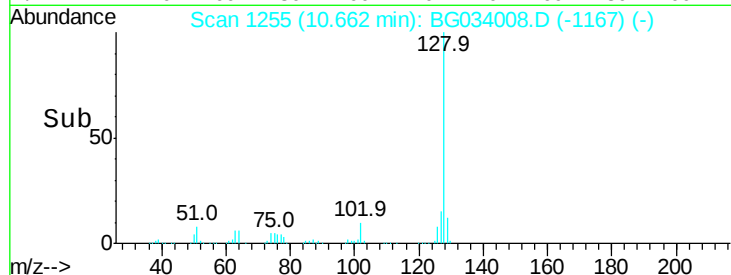
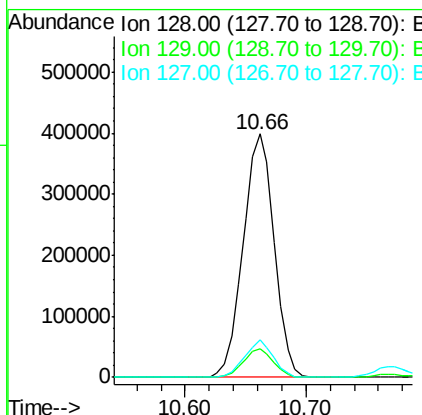
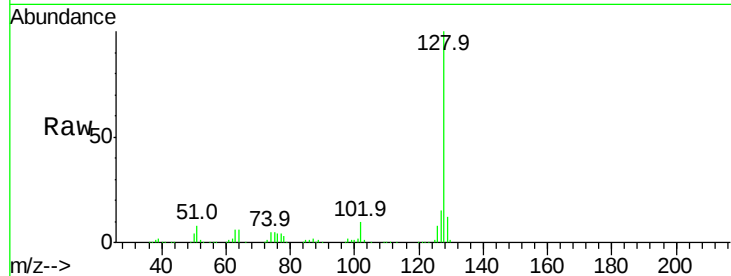




#31
Naphthalene
Concen: 45.853 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

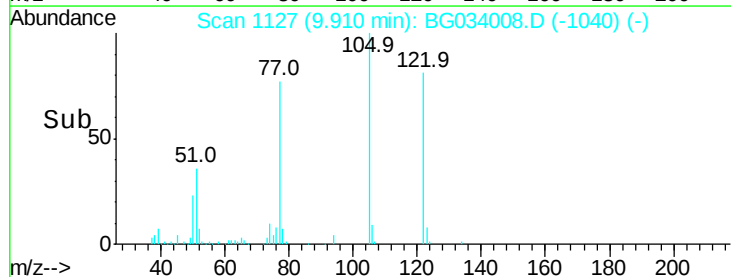
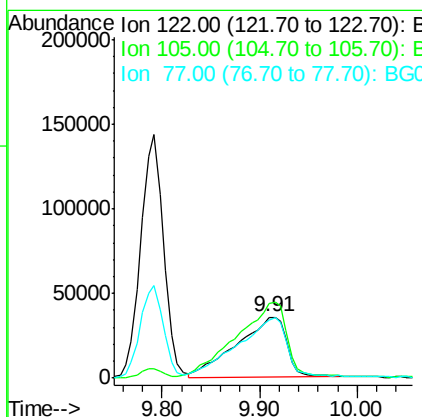
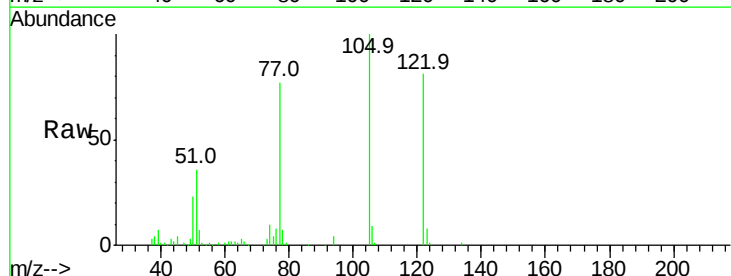
Instrument :
BNA_G
ClientSampleId :

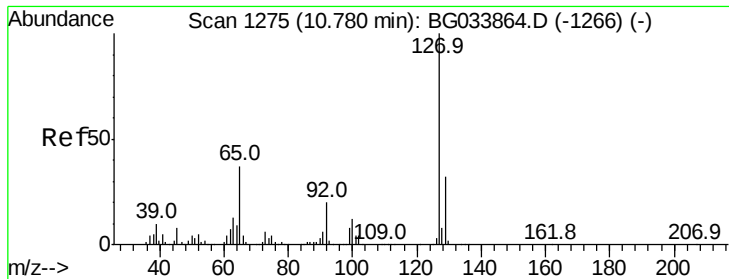
Tot Ion:128 Resp: 712719
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 15.3 11.6 17.4



#32
Benzoic acid
Concen: 31.381 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:122 Resp: 125389
Ion Ratio Lower Upper
122 100
105 124.0 123.5 163.5
77 94.9 85.7 125.7

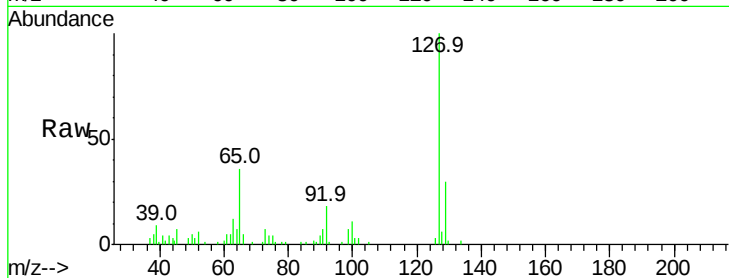




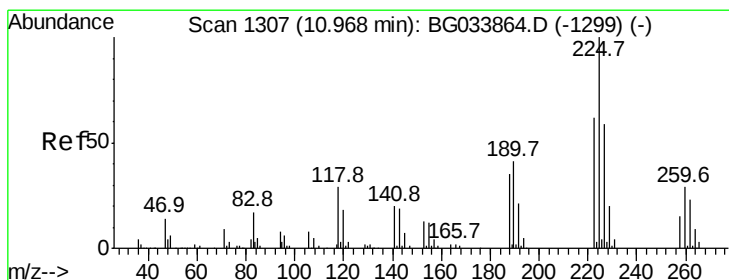
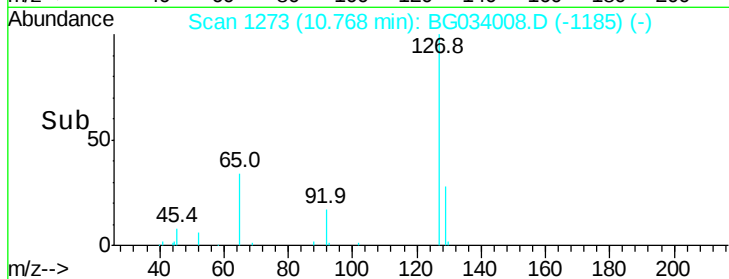
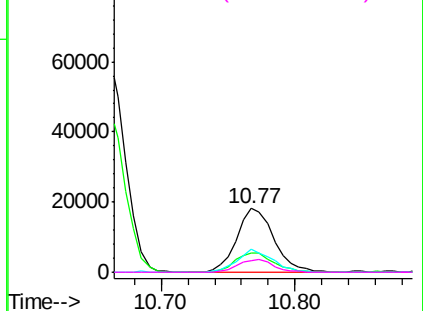
#33
4-Chloroaniline
Concen: 4.832 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	35299
Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.0	36.0
65	36.0	27.0	40.4
92	18.5	16.6	25.0

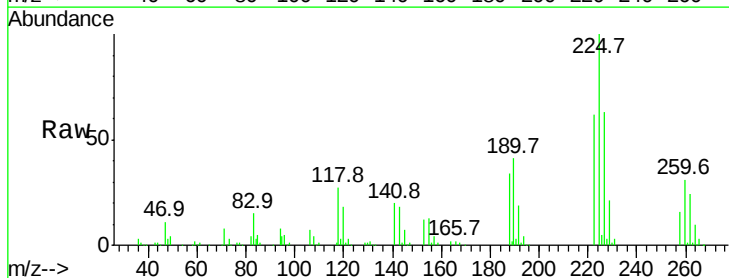


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

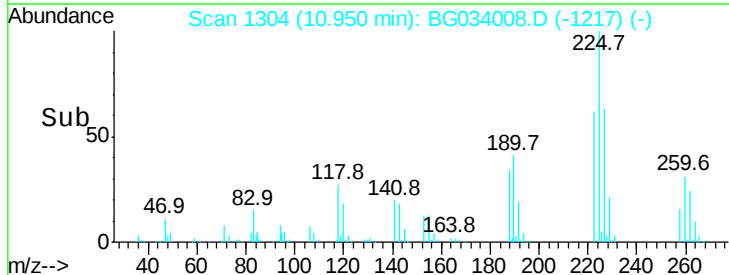
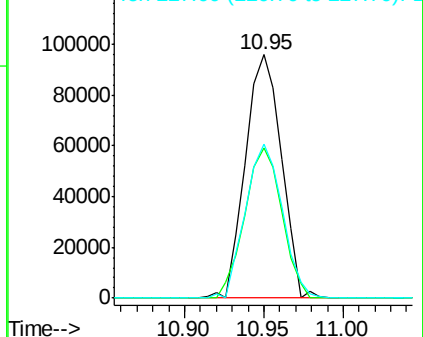


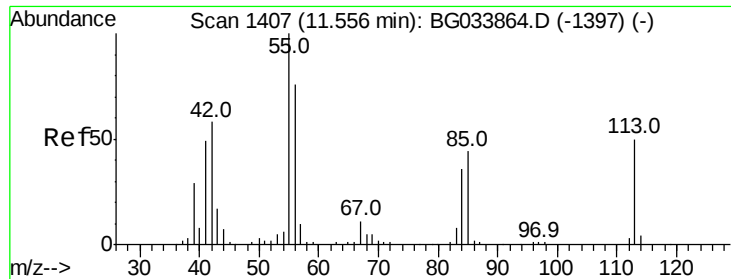
#34
Hexachlorobutadiene
Concen: 47.331 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:	225	Resp:	151219
Ion	Ratio	Lower	Upper
225	100		
223	58.9	49.7	74.5
227	63.0	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.862 ng

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

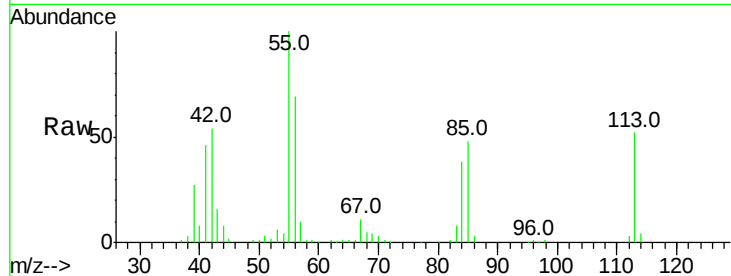
Tot Ion:113 Resp: 44320

Ion Ratio Lower Upper

113 100

55 191.8 186.9 226.9

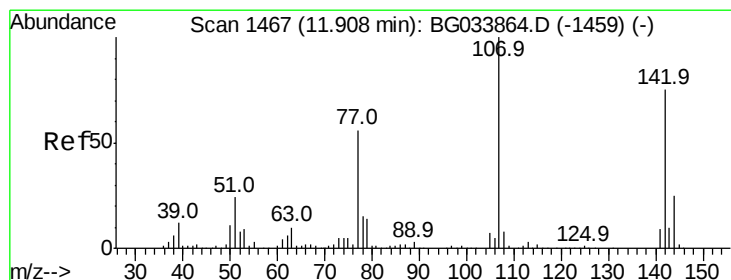
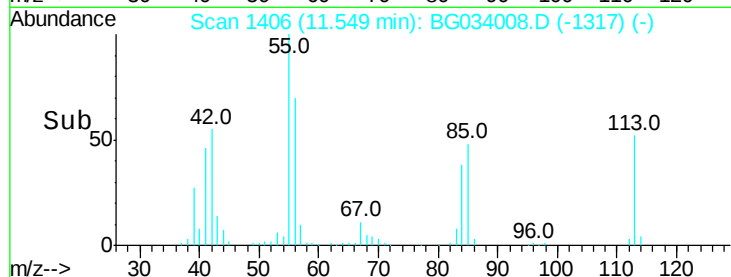
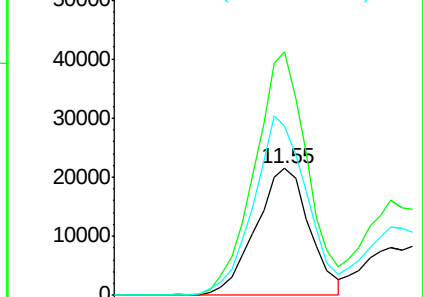
56 133.0 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.938 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

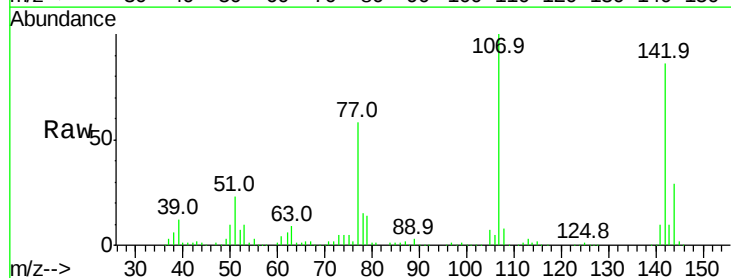
Tgt Ion:107 Resp: 278987

Ion Ratio Lower Upper

107 100

144 28.7 18.2 27.4#

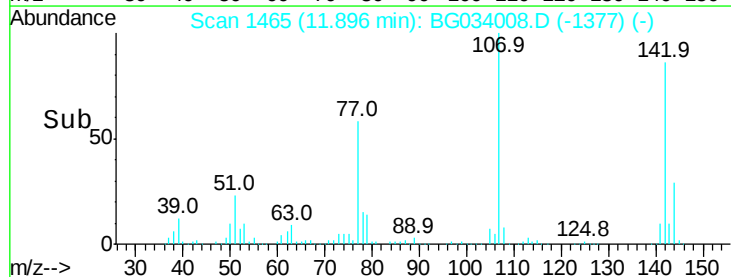
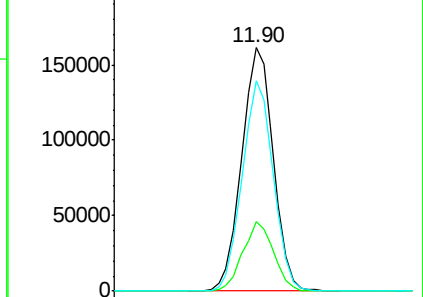
142 86.4 59.0 88.4

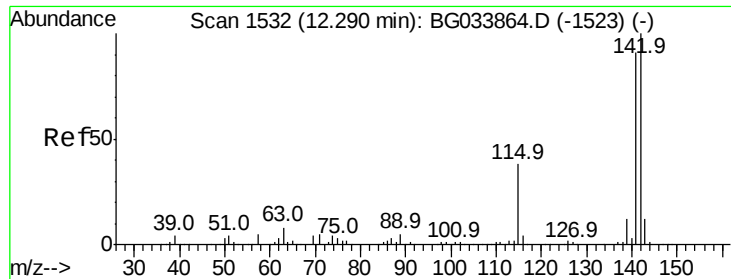


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

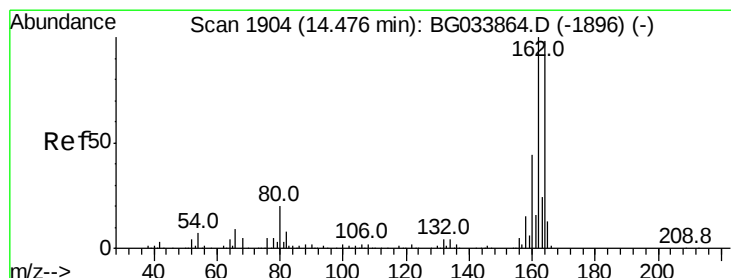
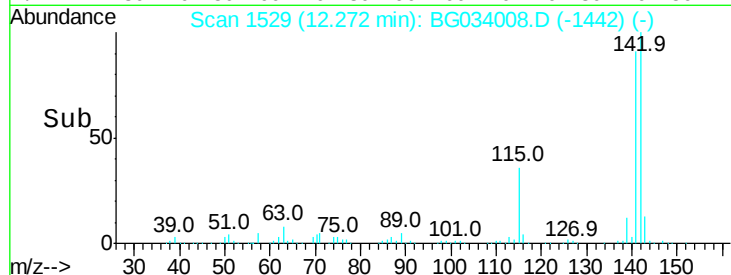
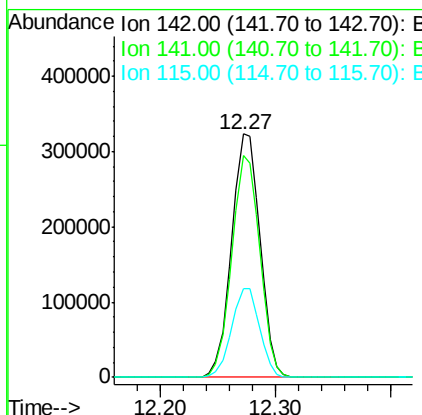
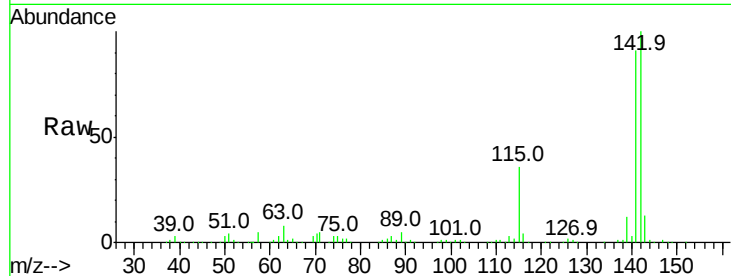




#37
 2-Methylnaphthalene
 Concen: 46.329 ng
 RT: 12.27 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

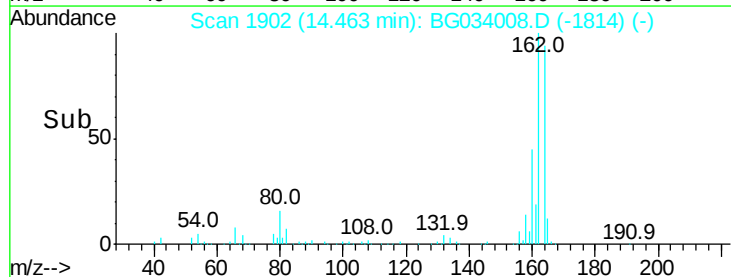
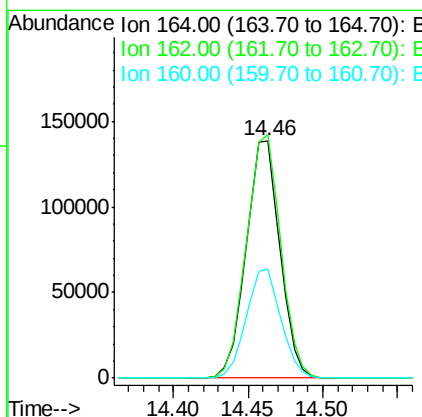
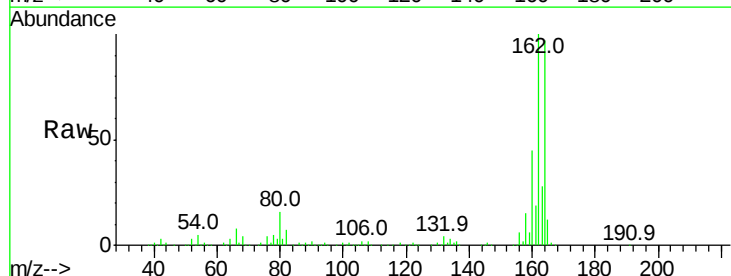
Instrument :
 BNA_G
 ClientSampleId :

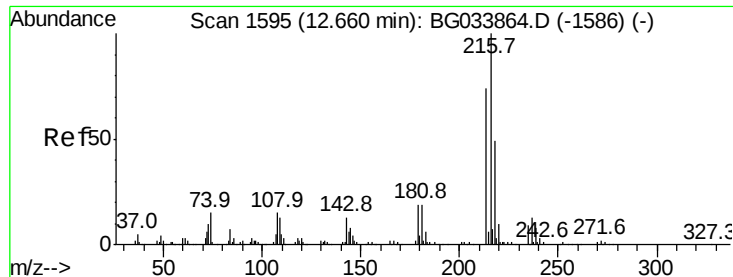
Tot Ion:142 Resp: 551339
 Ion Ratio Lower Upper
 142 100
 141 91.1 67.1 100.7
 115 36.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion:164 Resp: 216240
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 46.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.519 ng

RT: 12.65 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 334027

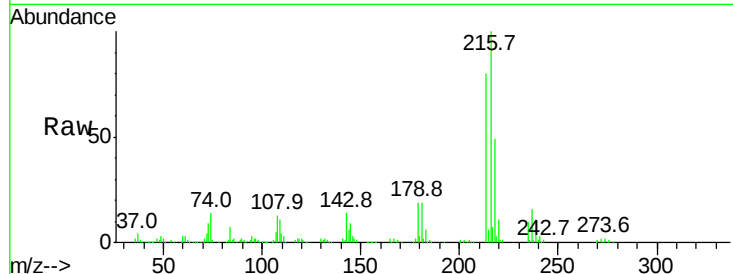
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 19.4 17.0 25.6

108 16.4 12.8 19.2

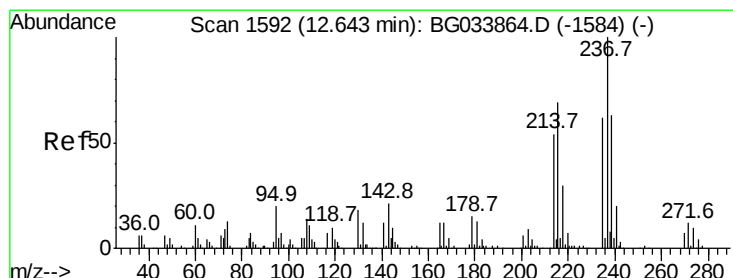
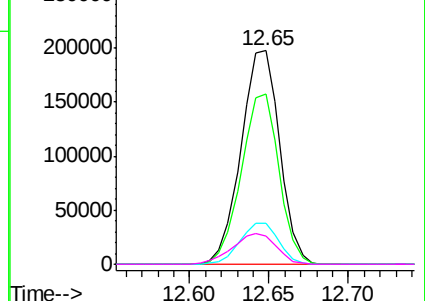
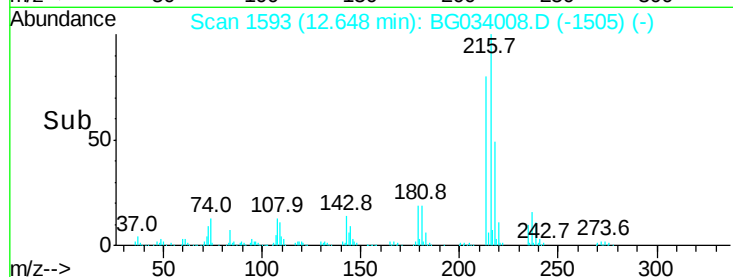


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.871 ng

RT: 12.62 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

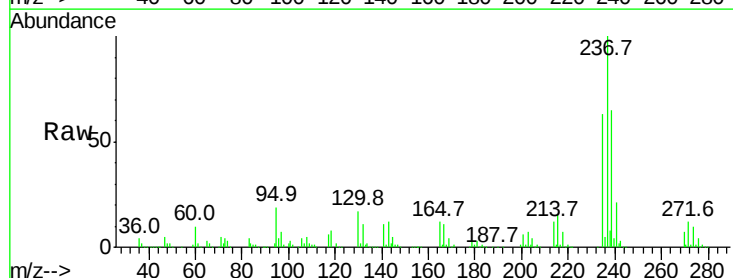
Tgt Ion:237 Resp: 382460

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

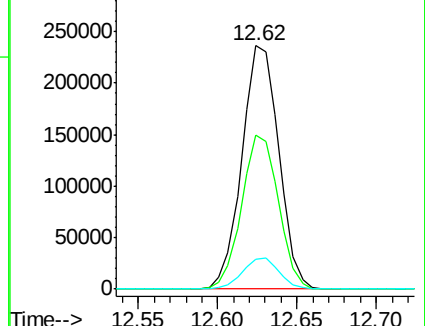
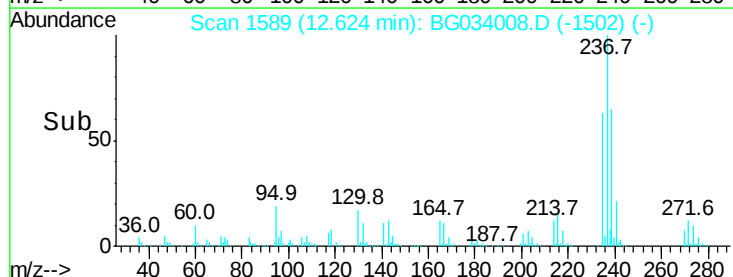
272 12.4 0.0 31.8

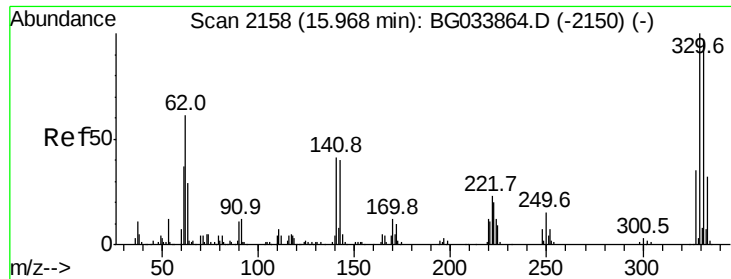


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

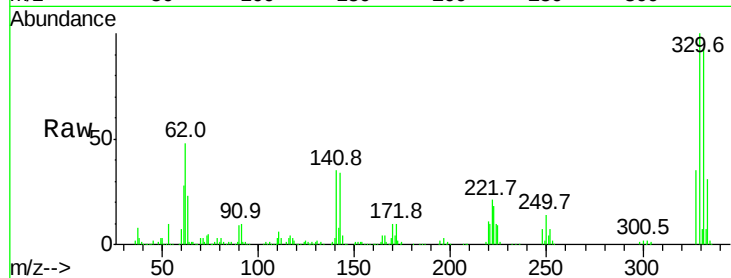




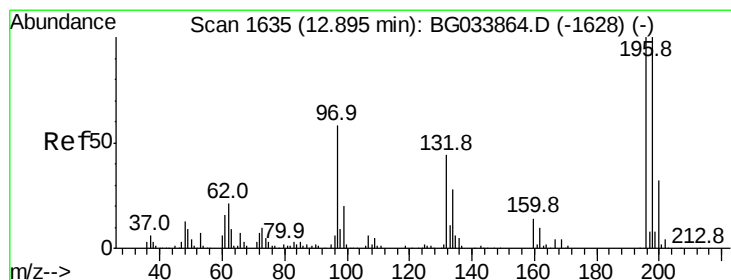
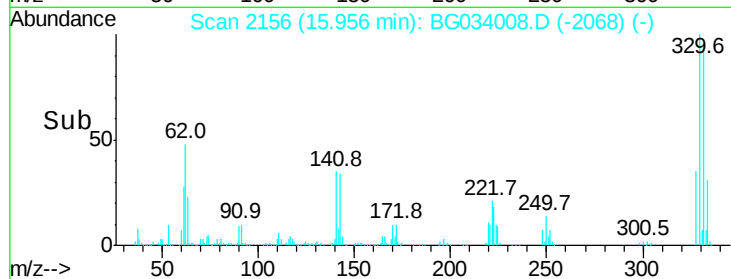
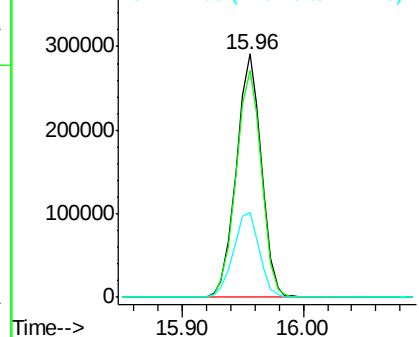
#41
 2,4,6-Tribromophenol
 Concen: 166.865 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.3	25.2	37.8

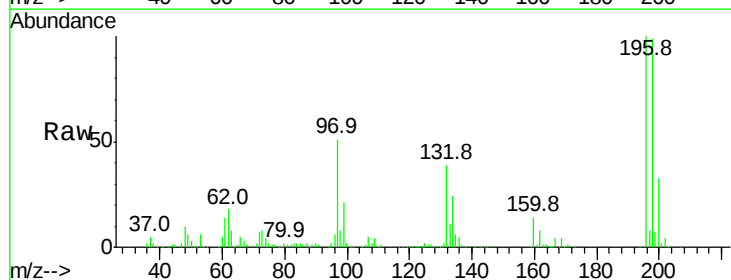


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

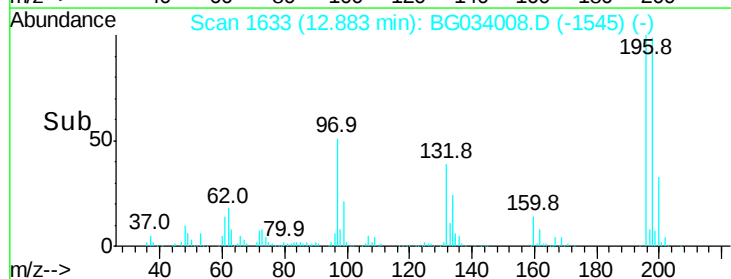
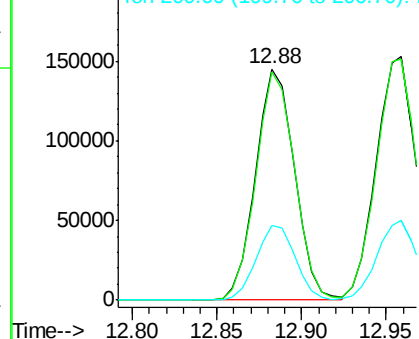


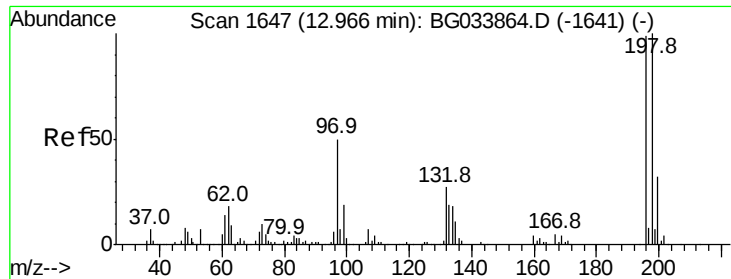
#42
 2,4,6-Trichlorophenol
 Concen: 53.184 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	78.2	117.2
200	34.9	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

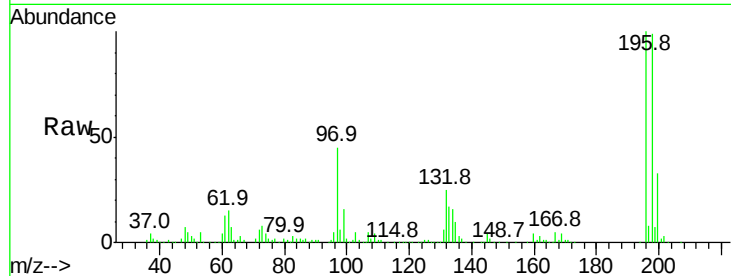




#43
 2,4,5-Trichlorophenol
 Concen: 50.980 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	76.2	114.4
97	44.8	38.7	58.1
132	25.3	20.2	30.2



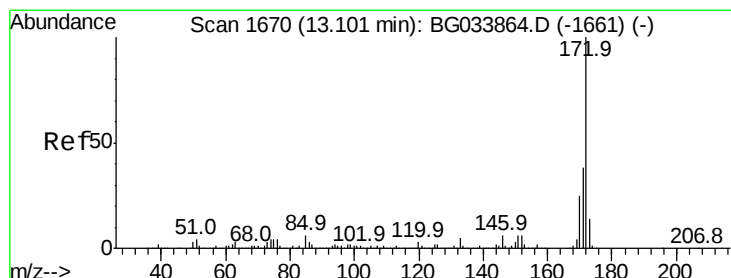
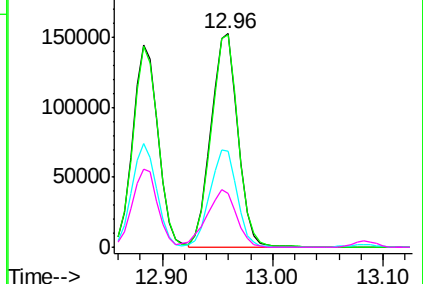
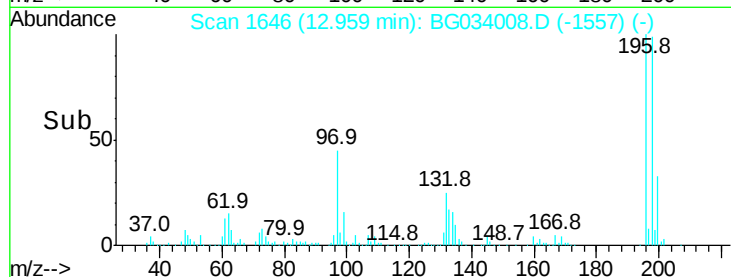
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

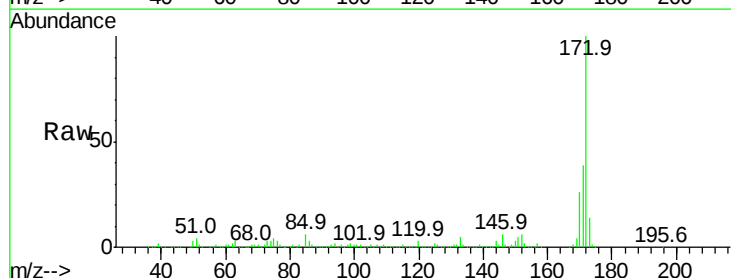
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.569 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	26.0	19.5	29.3

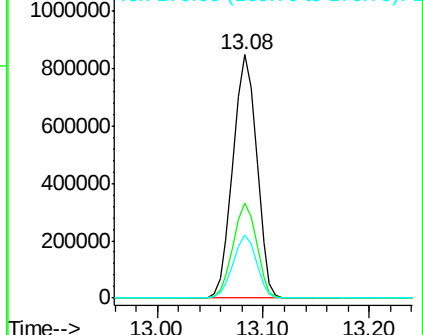
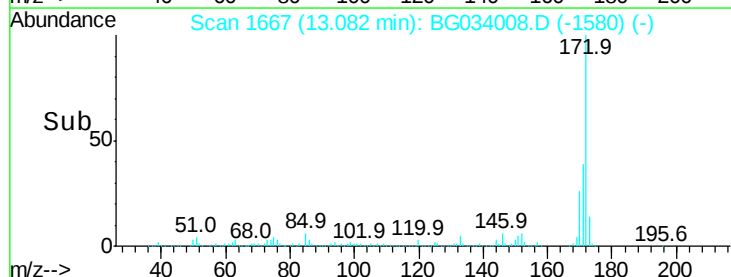


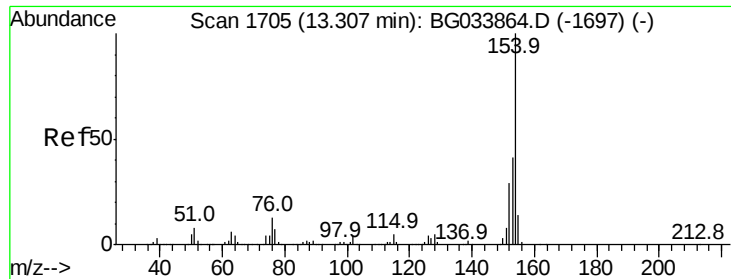
Abundance

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

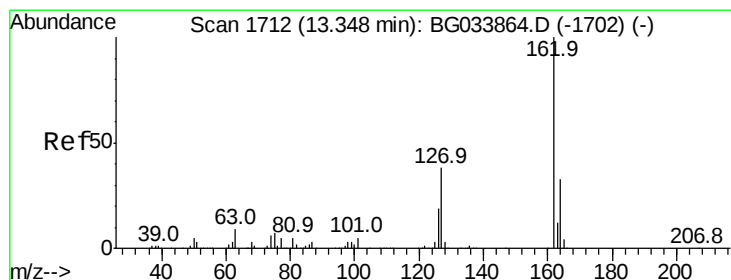
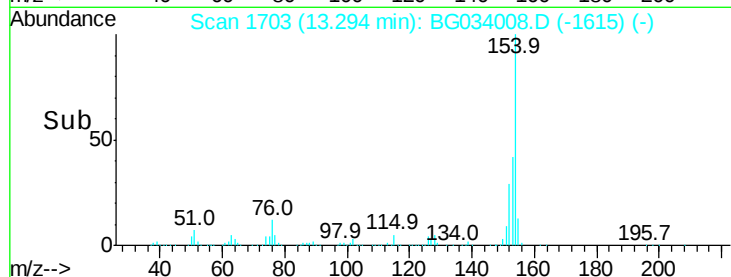
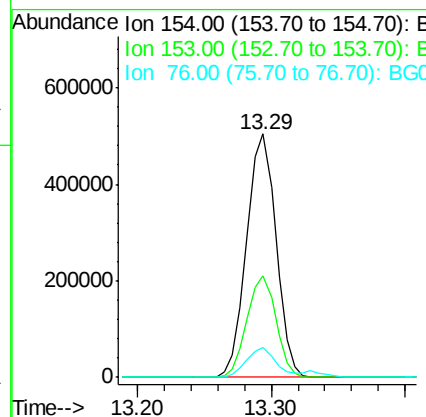
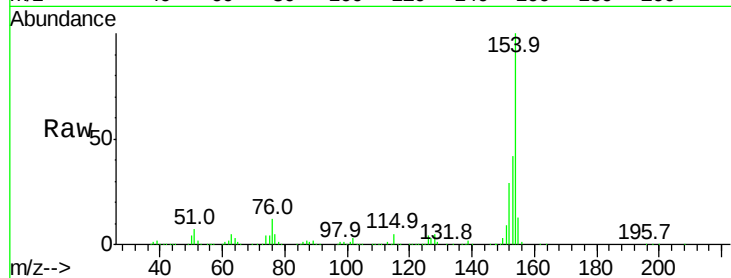




#45
 1,1'-Biphenyl
 Concen: 43.771 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

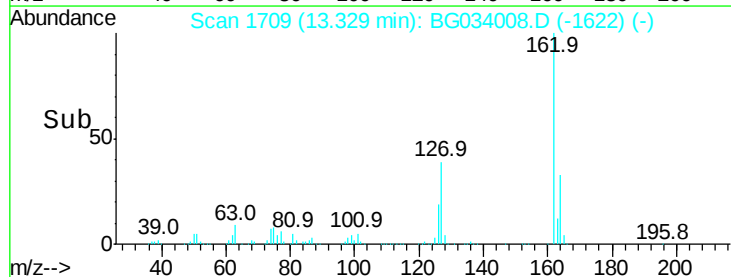
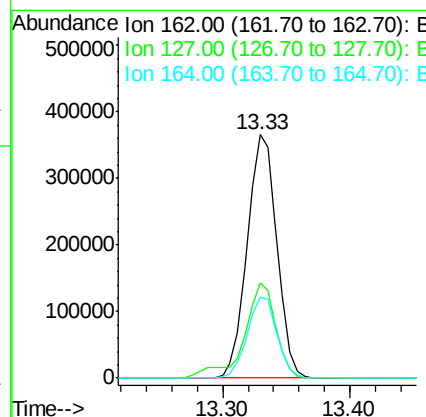
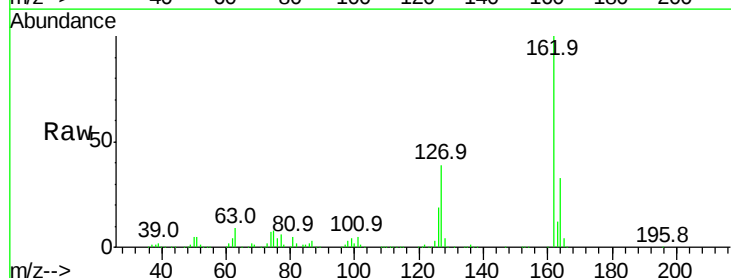
Instrument :
 BNA_G
 ClientSampleId :

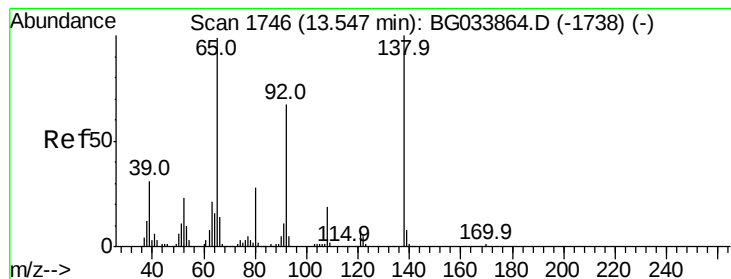
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	12.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 44.682 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 49.402 ng

RT: 13.53 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

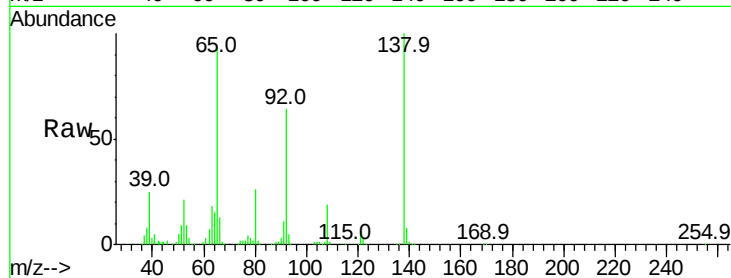
Tot Ion: 65 Resp: 204728

Ion Ratio Lower Upper

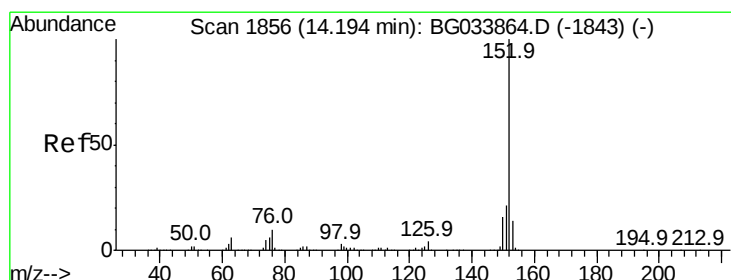
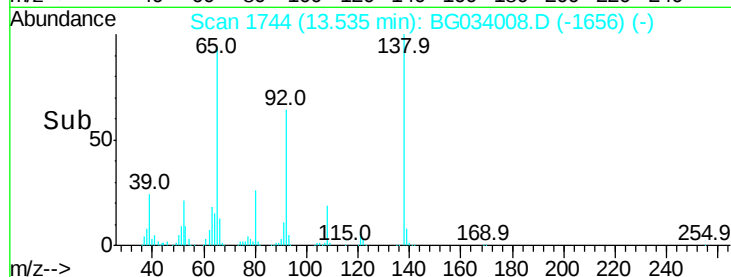
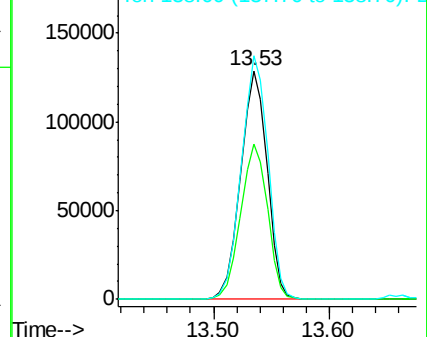
65 100

92 68.1 54.6 82.0

138 106.5 72.9 109.3



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



#48

Acenaphthylene

Concen: 42.741 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

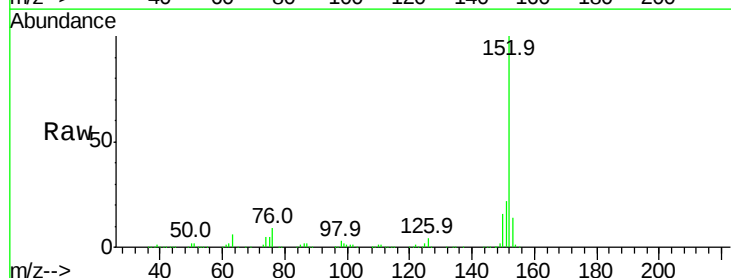
Tgt Ion: 152 Resp: 942963

Ion Ratio Lower Upper

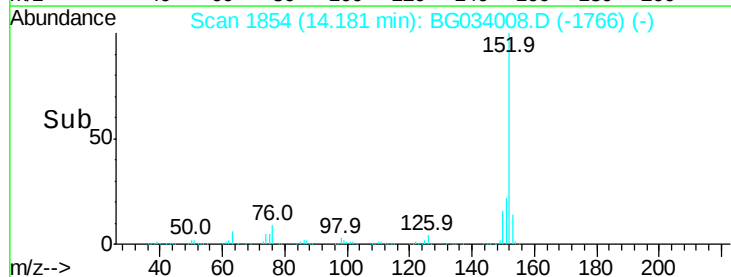
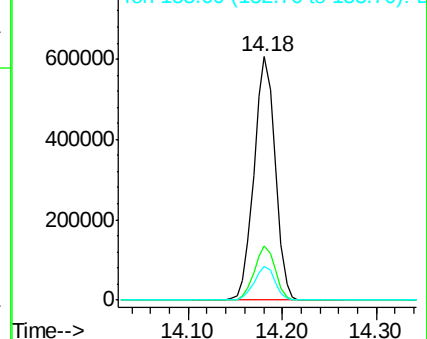
152 100

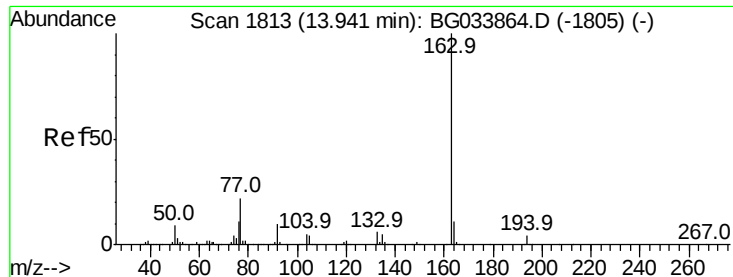
151 22.4 17.2 25.8

153 13.6 10.2 15.4



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





#49

Dimethylphthalate

Concen: 44.195 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

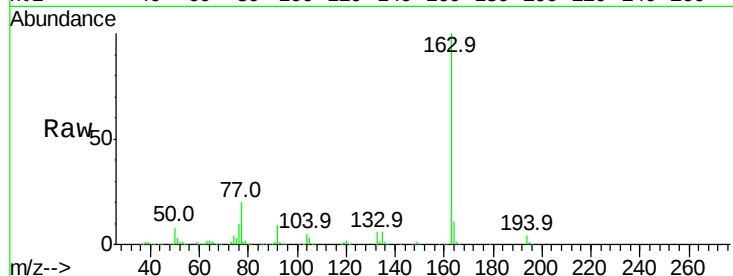
Tot Ion:163 Resp: 840650

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

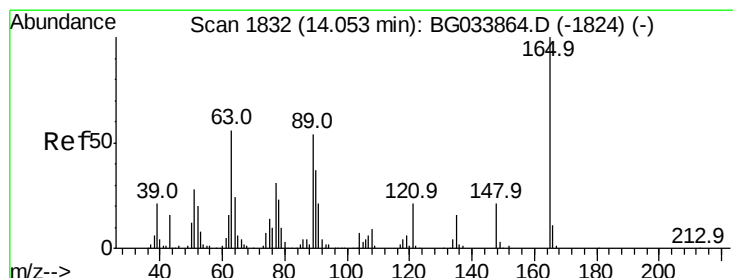
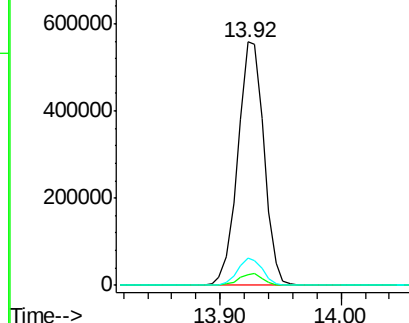
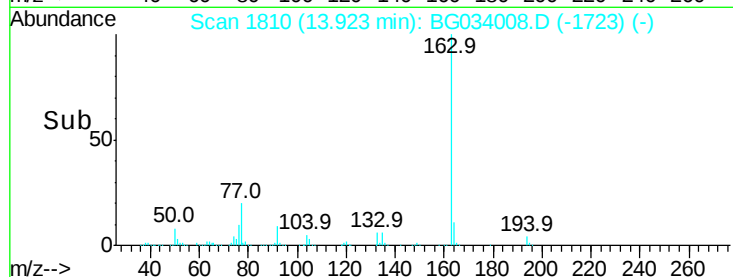
164 11.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.511 ng

RT: 14.04 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

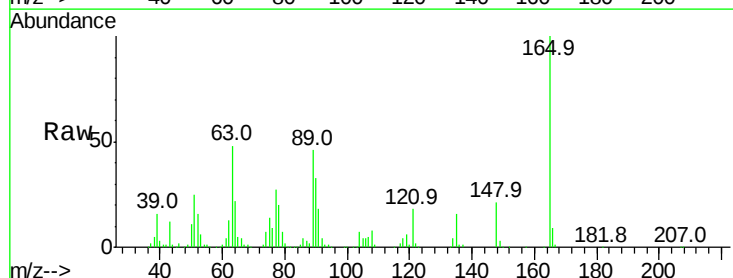
Tgt Ion:165 Resp: 192896

Ion Ratio Lower Upper

165 100

63 48.3 52.7 79.1#

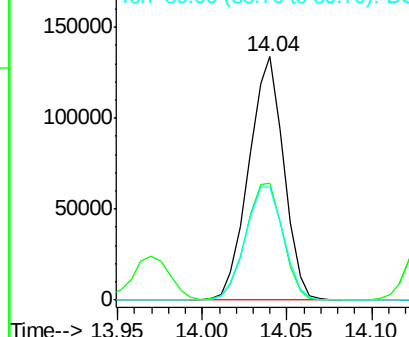
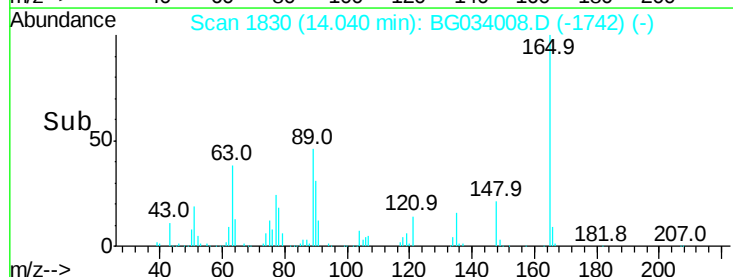
89 46.4 49.2 73.8#

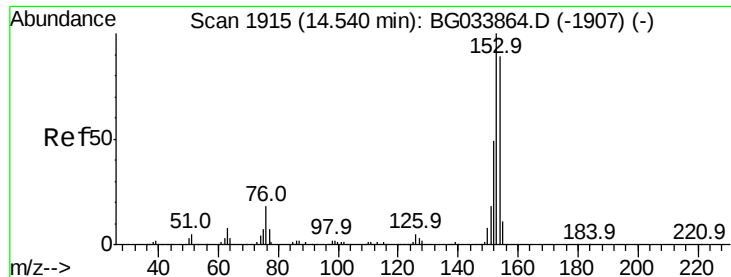


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.750 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

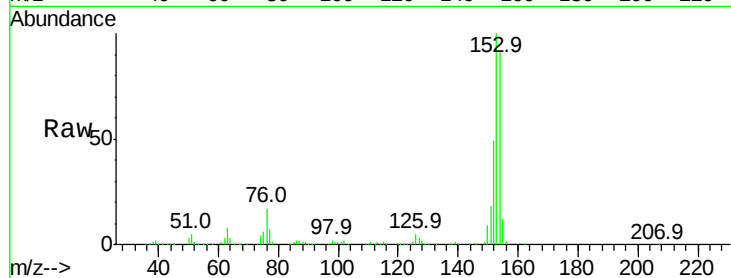
Tot Ion:154 Resp: 592496

Ion Ratio Lower Upper

154 100

153 109.3 90.4 135.6

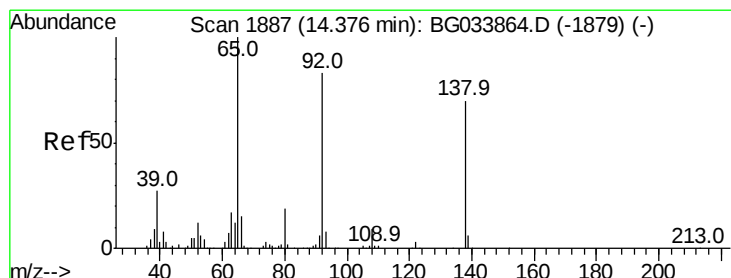
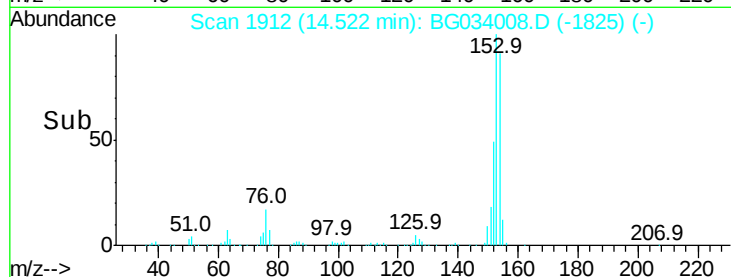
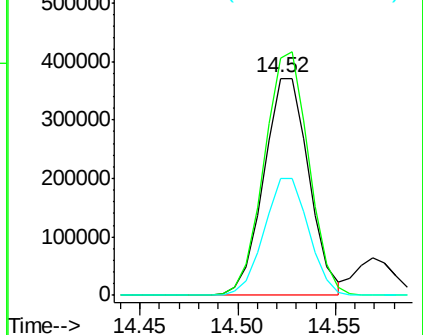
152 54.1 41.6 62.4



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: 19.944 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

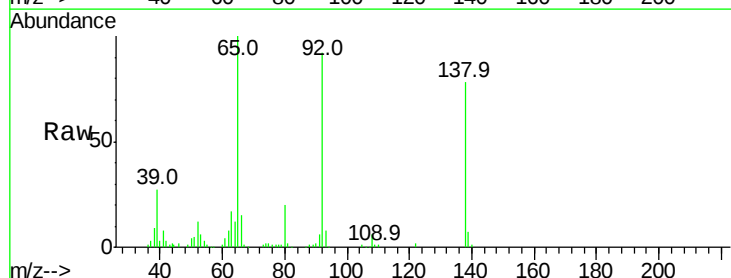
Tgt Ion:138 Resp: 78066

Ion Ratio Lower Upper

138 100

108 8.1 17.5 26.3#

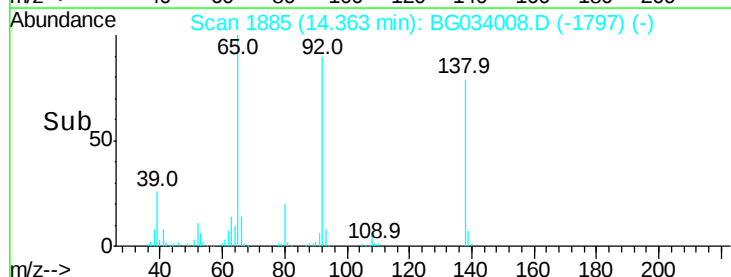
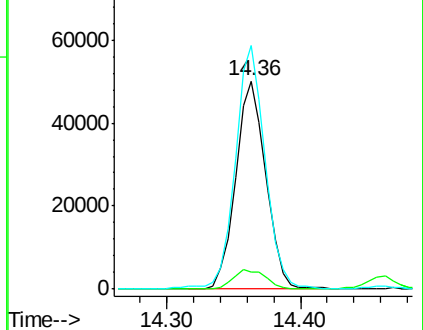
92 116.8 105.8 158.8

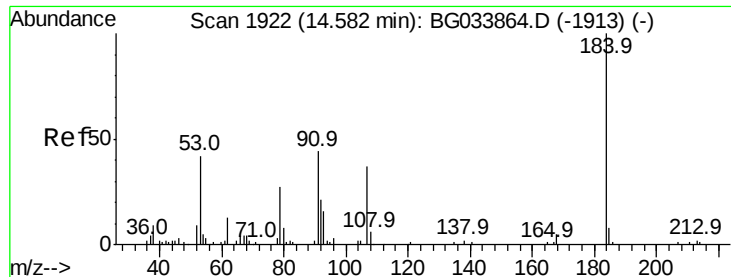


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

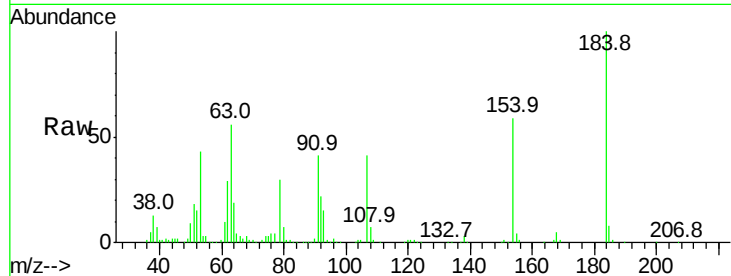




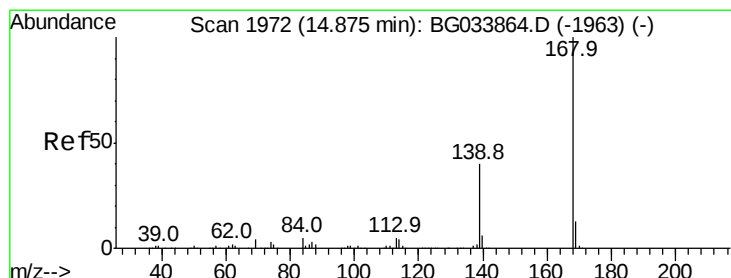
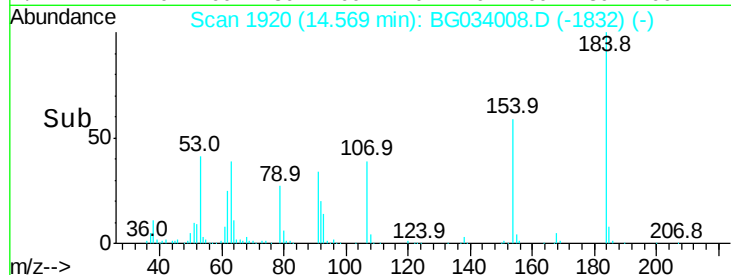
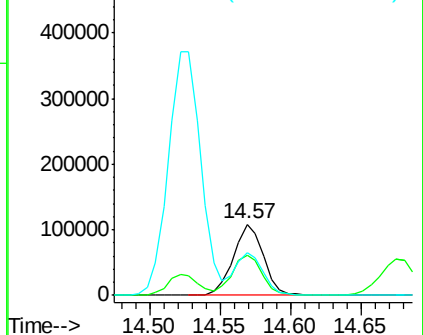
#53
 2,4-Dinitrophenol
 Concen: 125.036 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 161191
 Ion Ratio Lower Upper
 184 100
 63 56.4 59.8 89.8#
 154 59.2 101.8 152.8#

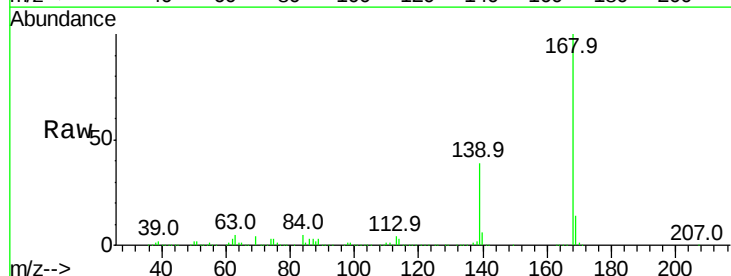


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

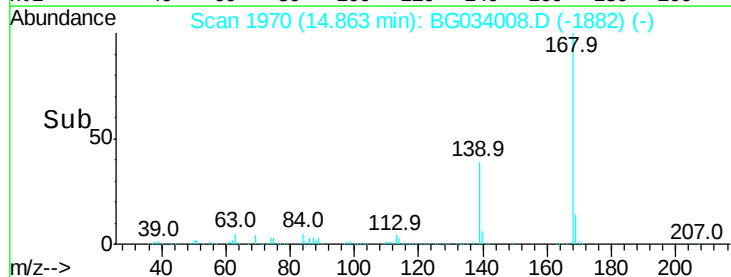
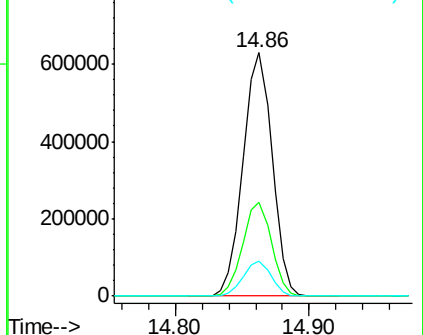


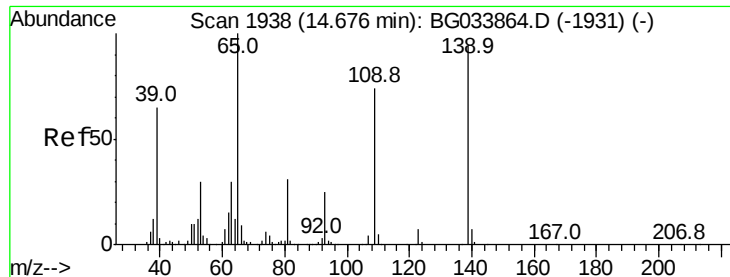
#54
 Dibenzofuran
 Concen: 46.120 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion:168 Resp: 947644
 Ion Ratio Lower Upper
 168 100
 139 38.7 28.6 43.0
 169 14.1 11.2 16.8



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

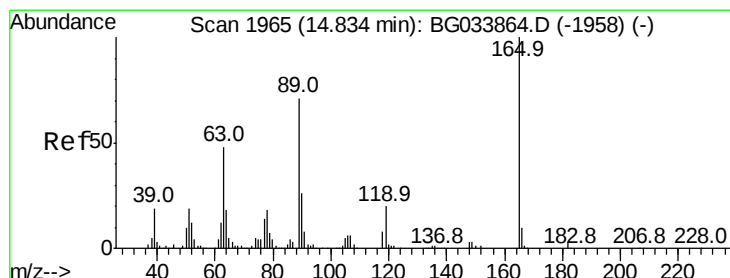
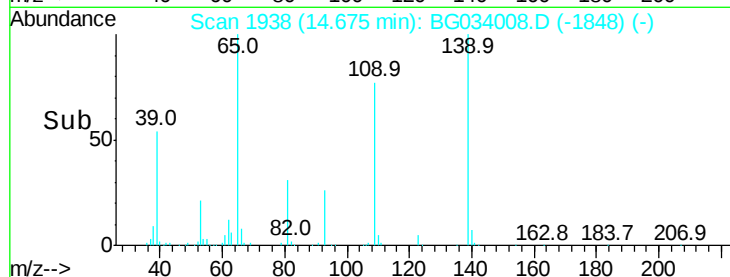
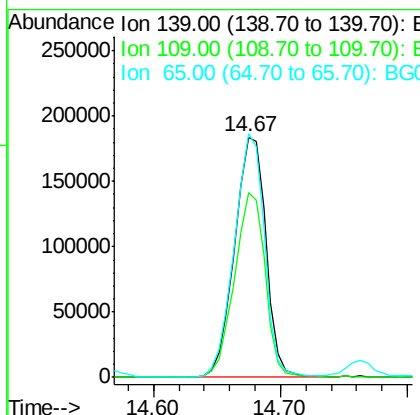
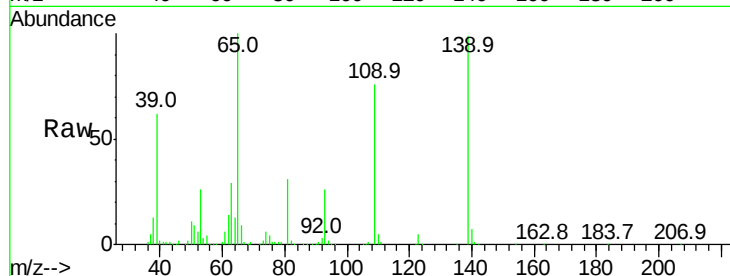




#55
4-Nitrophenol
Concen: 102.818 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

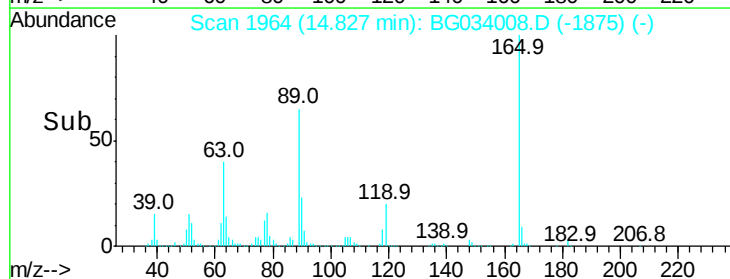
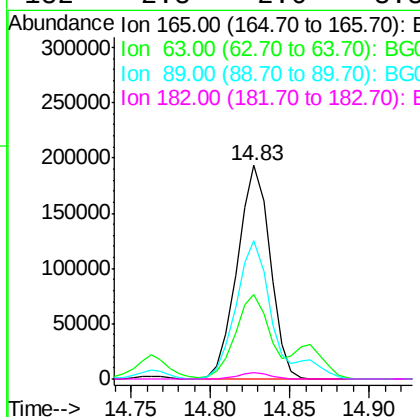
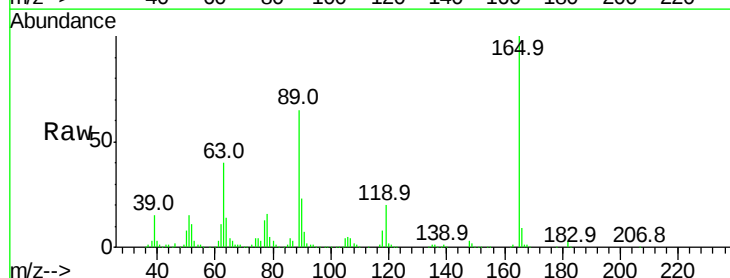
Instrument :
BNA_G
ClientSampleId :

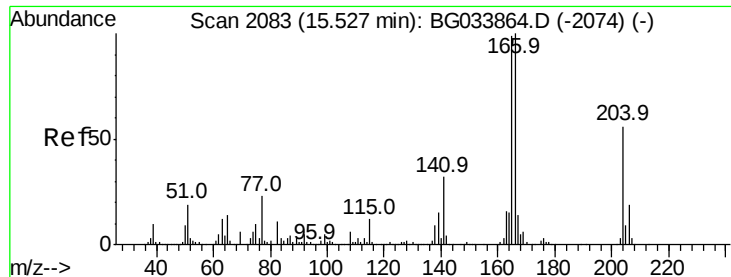
Tot Ion	Ratio	Lower	Upper
139	100		
109	77.0	62.2	102.2
65	101.4	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 57.835 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.8	42.0	63.0#
89	65.0	66.9	100.3#
182	2.8	2.6	3.8

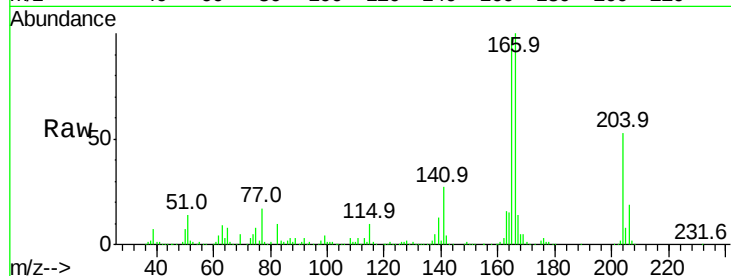




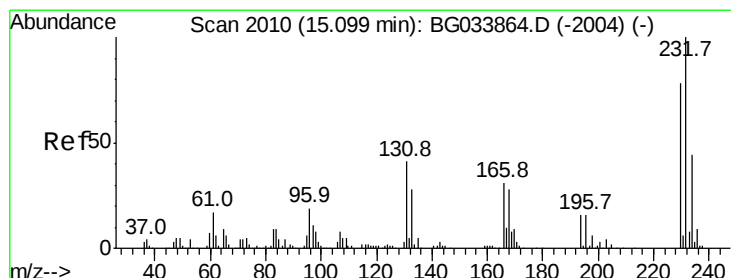
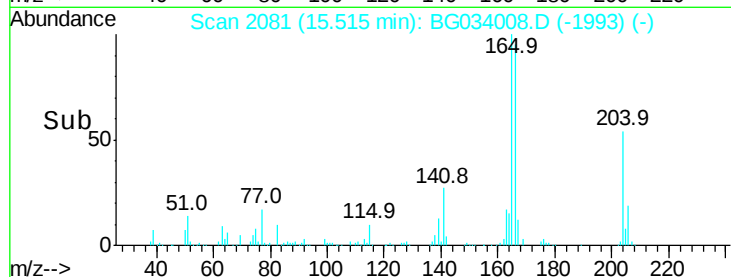
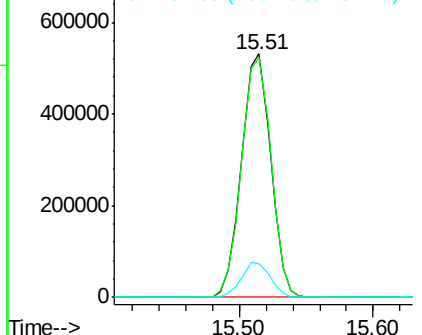
#57
Fluorene
 Concen: 45.219 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.6	121.0
167	13.9	10.4	15.6

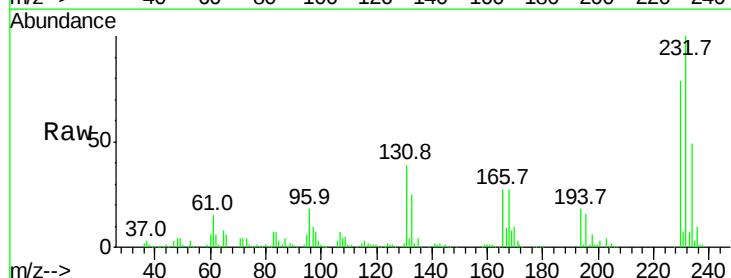


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

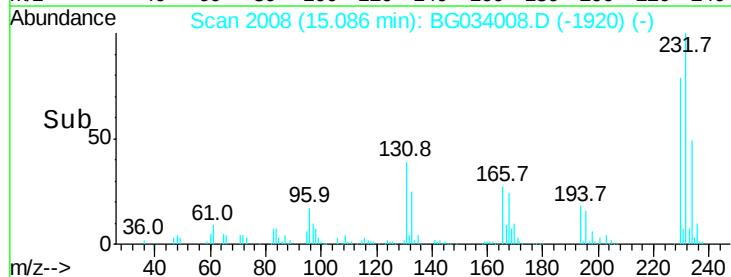
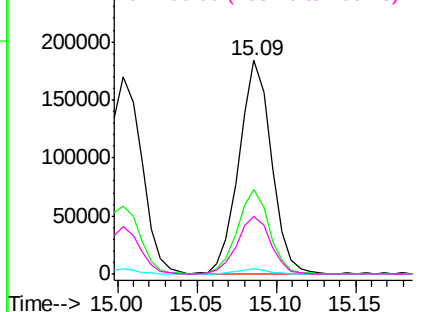


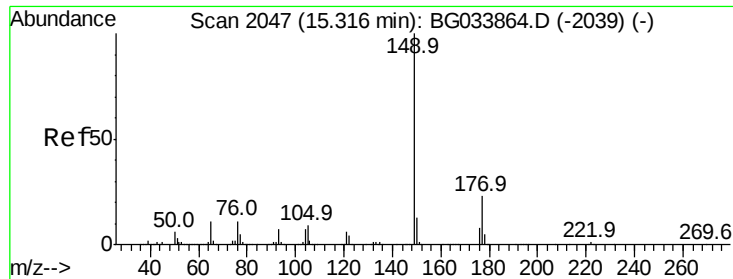
#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.801 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.5	50.3
130	2.3	2.2	3.2
166	28.0	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

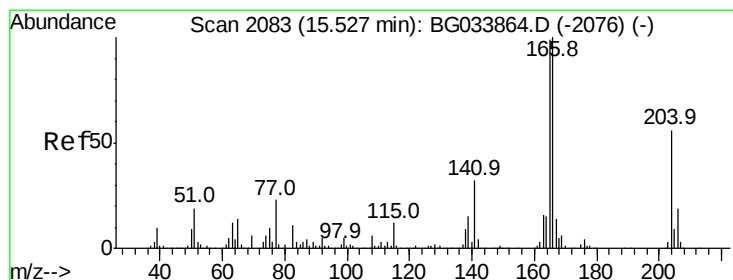
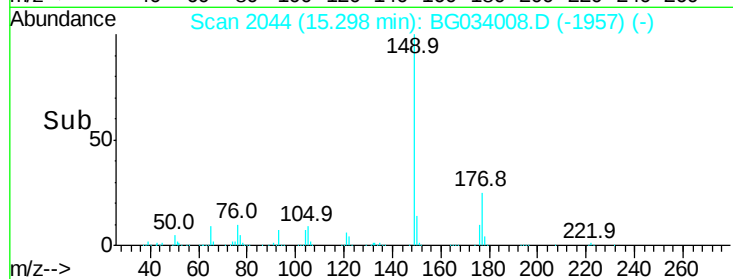
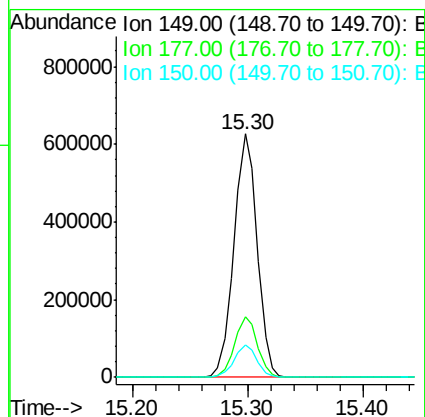
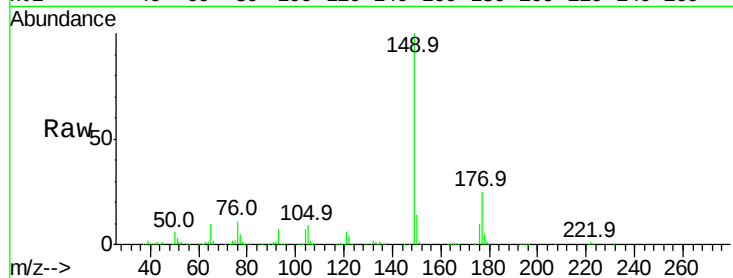




#59
Diethylphthalate
Concen: 43.176 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

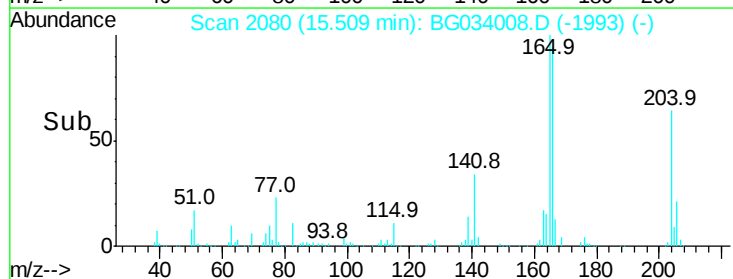
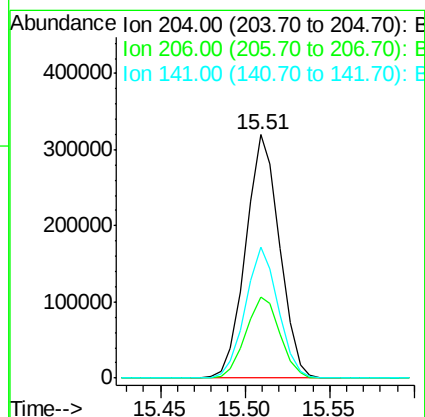
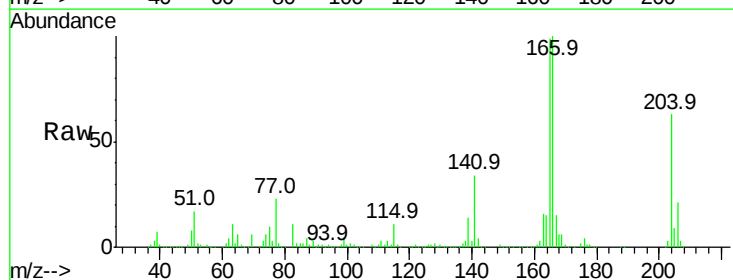
Instrument :
BNA_G
ClientSampleId :

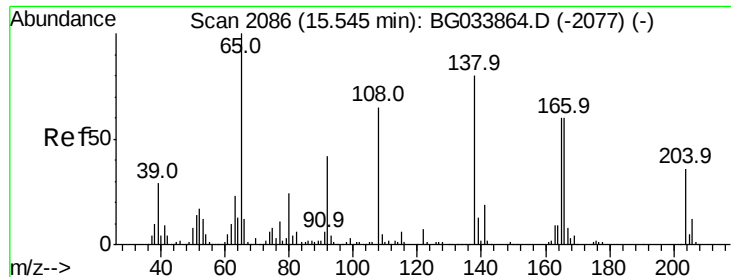
Tot Ion:149 Resp: 868101
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 13.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.781 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:204 Resp: 444369
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 53.8 45.8 68.6

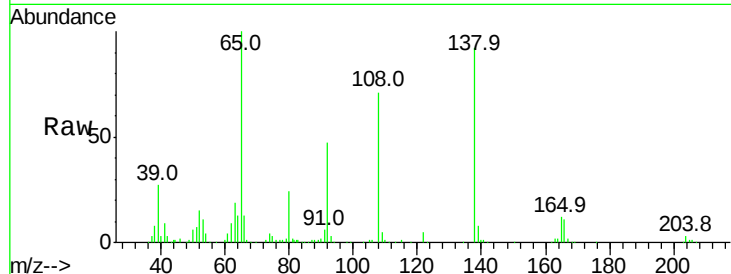




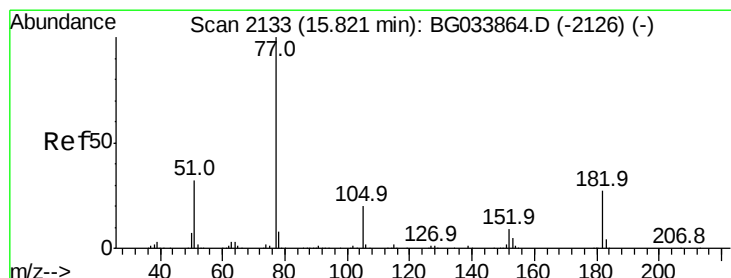
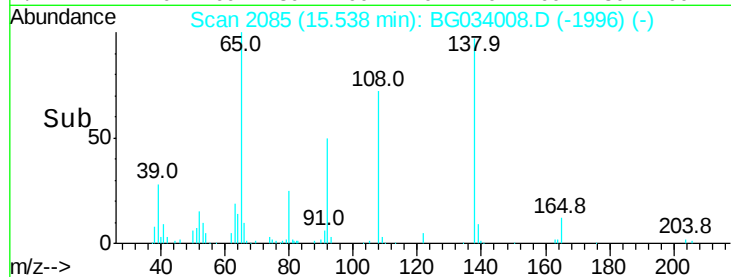
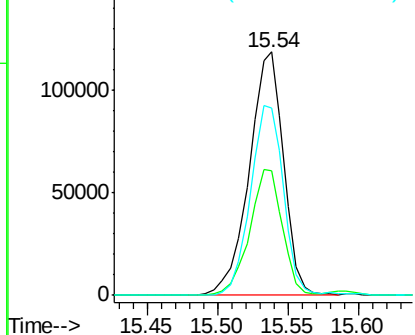
#61
4-Nitroaniline
Concen: 48.761 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 202649
Ion Ratio Lower Upper
138 100
92 51.2 40.1 80.1
108 76.7 65.4 105.4

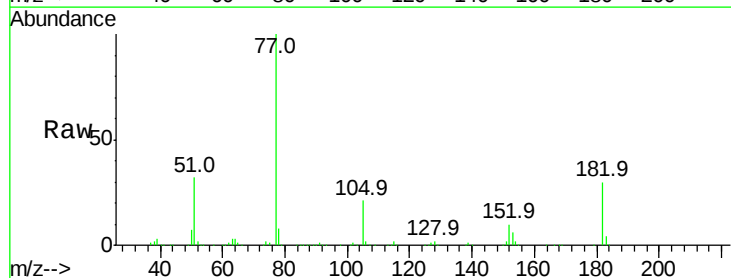


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

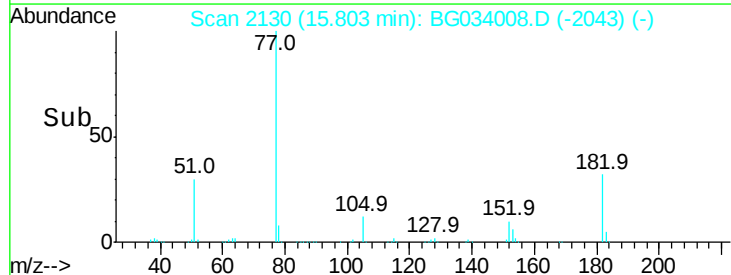
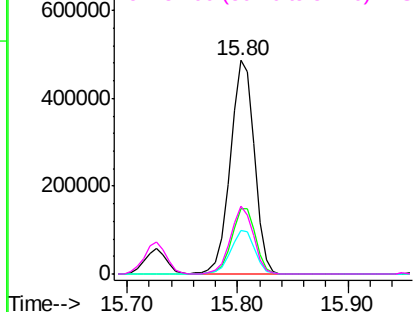


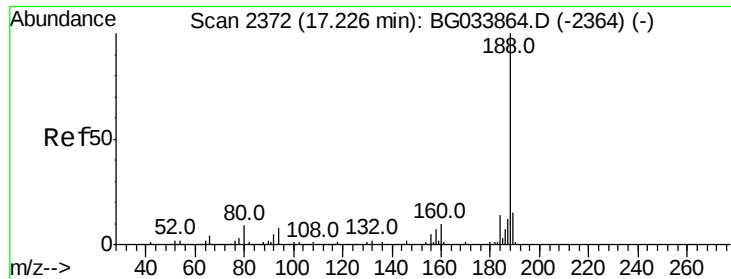
#62
Azobenzene
Concen: 41.402 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion: 77 Resp: 742036
Ion Ratio Lower Upper
77 100
182 30.5 7.4 47.4
105 20.5 0.3 40.3
51 31.5 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: 17.21 min Scan# 2370

Delta R.T. -0.01 min

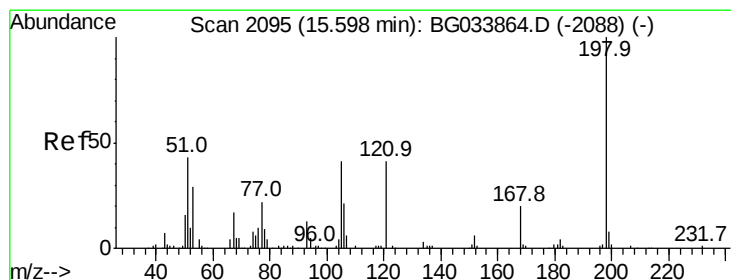
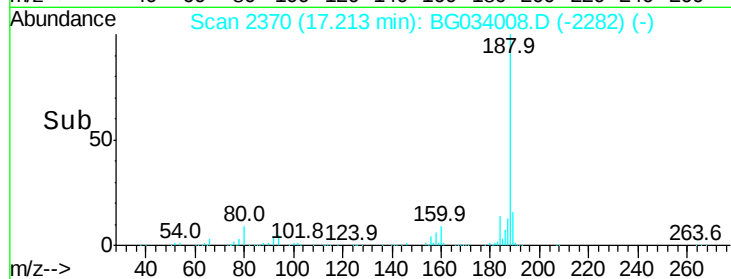
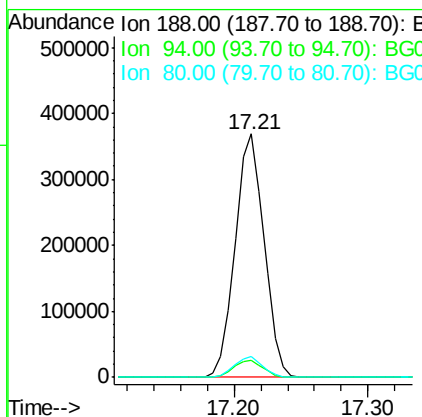
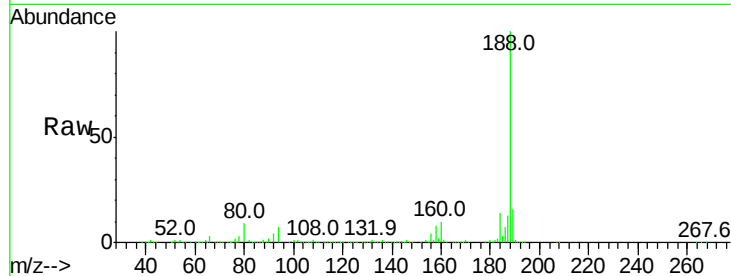
Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 555060

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.8	7.7	11.5



#64

4,6-Dinitro-2-methylphenol

Concen: 48.203 ng

RT: 15.59 min Scan# 2094

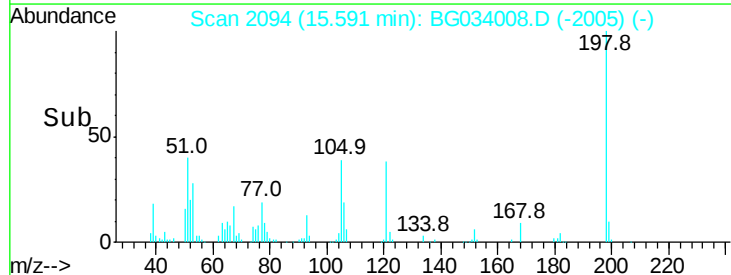
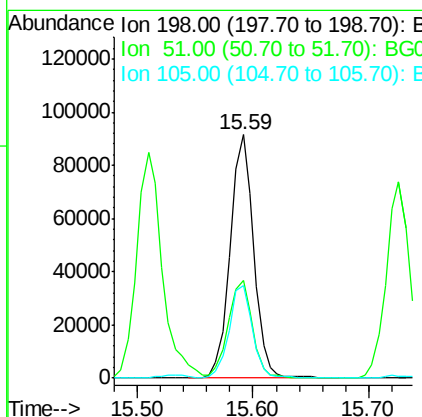
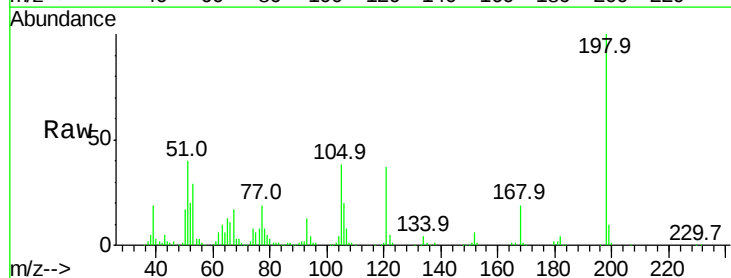
Delta R.T. -0.01 min

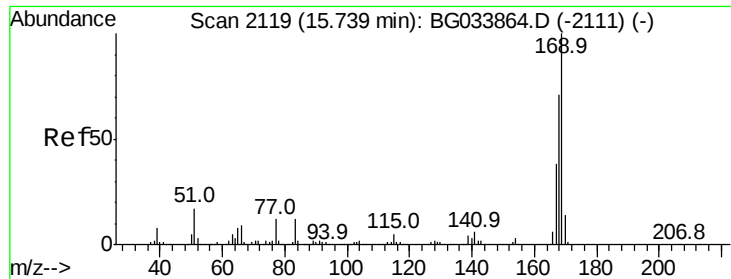
Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Tgt Ion:198 Resp: 128922

Ion	Ratio	Lower	Upper
198	100		
51	39.9	30.6	70.6
105	38.1	23.8	63.8

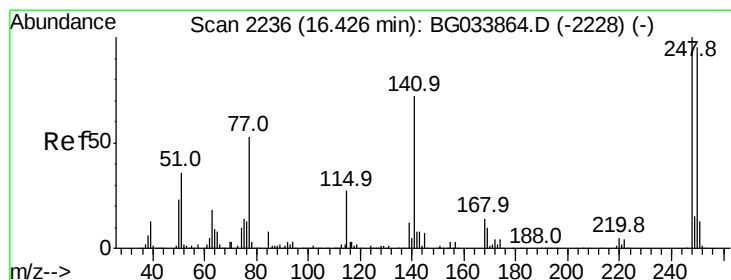
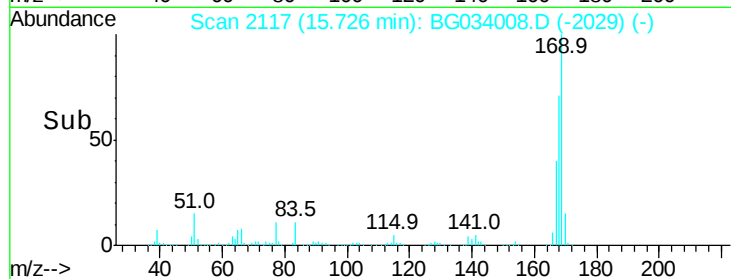
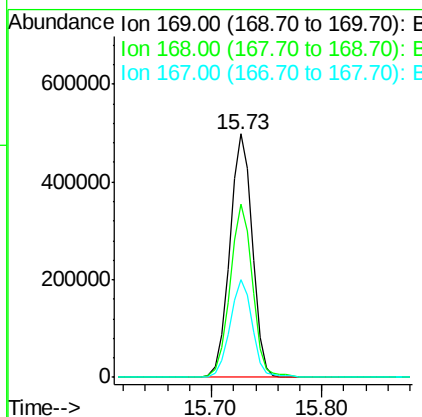
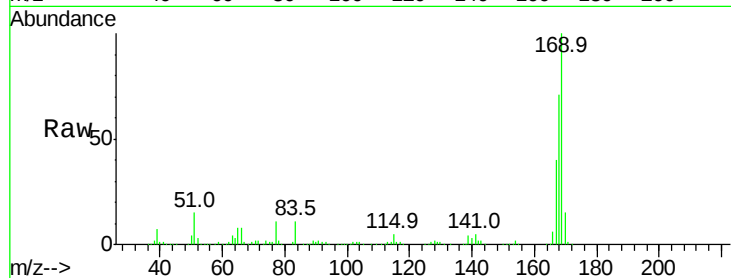




#65
n-Nitrosodiphenylamine
Concen: 44.196 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

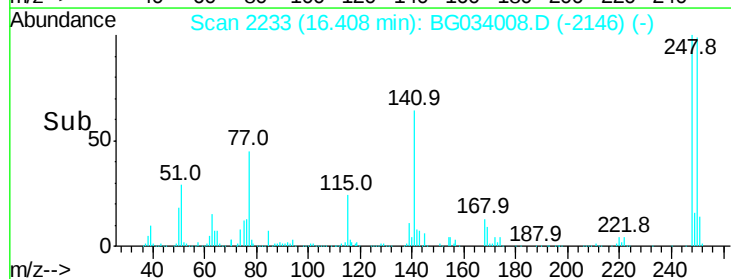
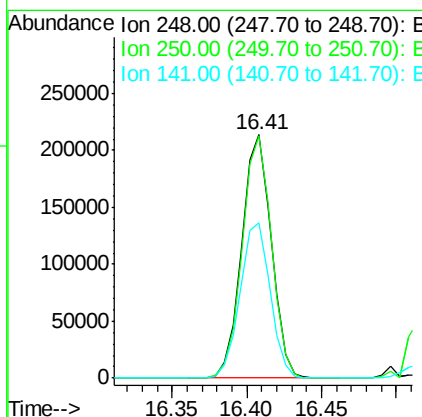
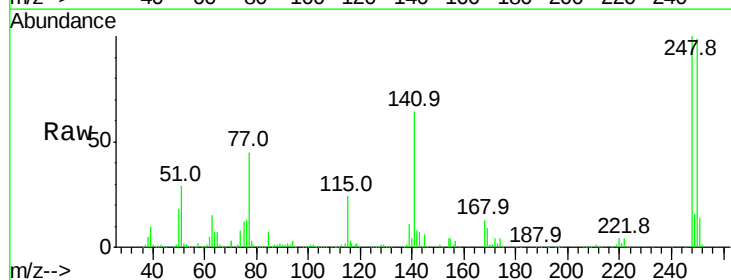
Instrument :
BNA_G
ClientSampleId :

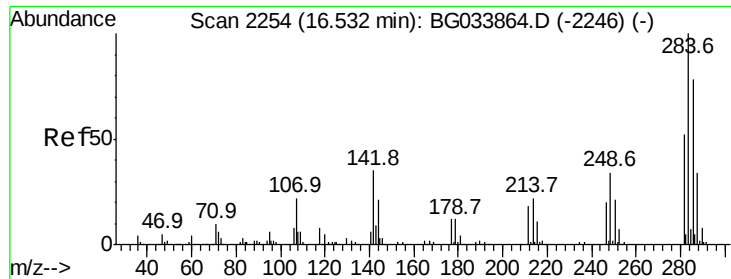
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.1	55.7	83.5
167	39.9	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 47.959 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.1	115.7
141	63.6	50.8	76.2

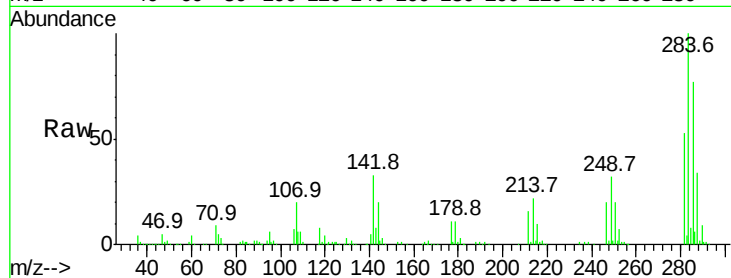




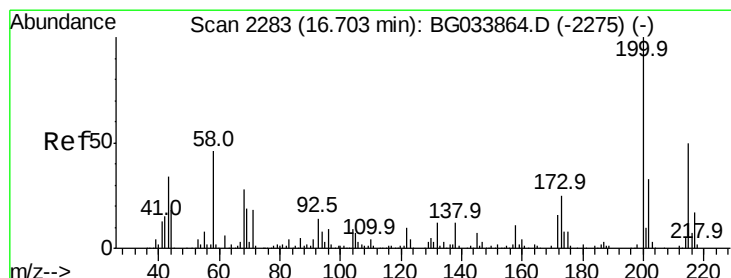
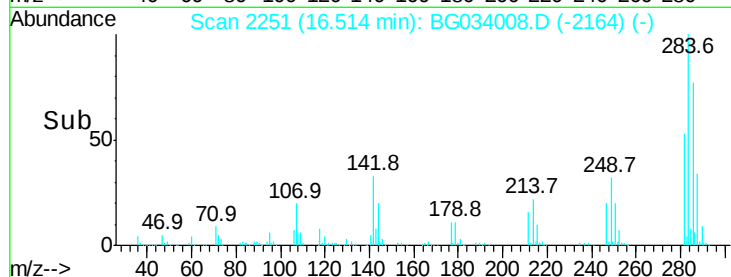
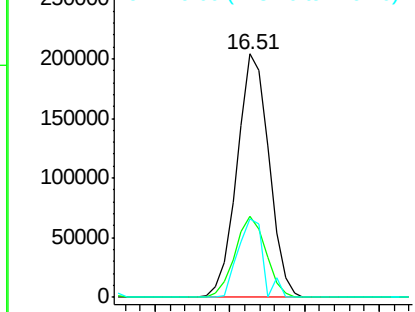
#67
Hexachlorobenzene
Concen: 46.606 ng
RT: 16.51 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 302975
Ion Ratio Lower Upper
284 100
142 33.2 26.8 40.2
249 34.6 26.3 39.5

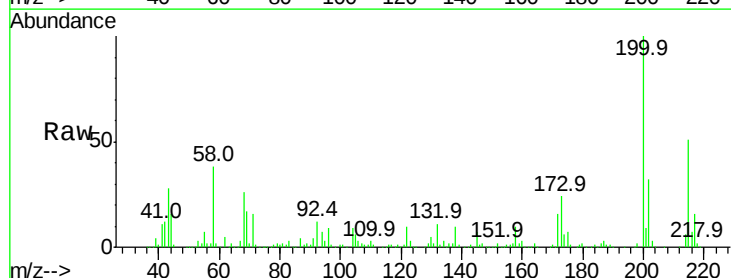


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

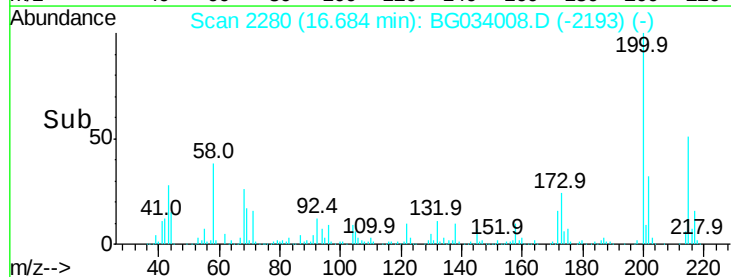
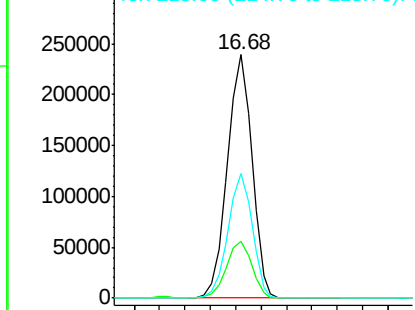


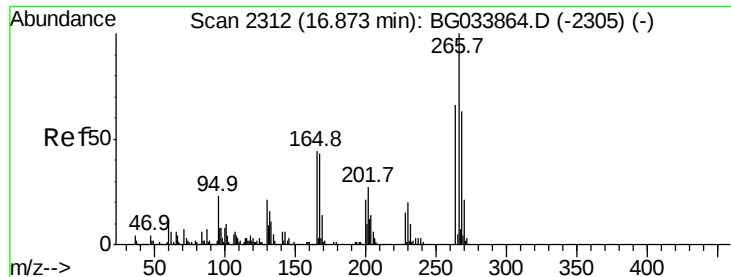
#68
Atrazine
Concen: 50.954 ng
RT: 16.68 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:200 Resp: 322126
Ion Ratio Lower Upper
200 100
173 23.5 5.2 45.2
215 51.2 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: 89.267 ng

RT: 16.86 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

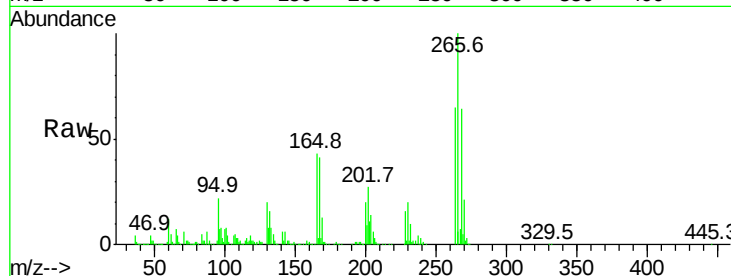
Tot Ion:266 Resp: 398611

Ion Ratio Lower Upper

266 100

268 4.9 51.1 76.7#

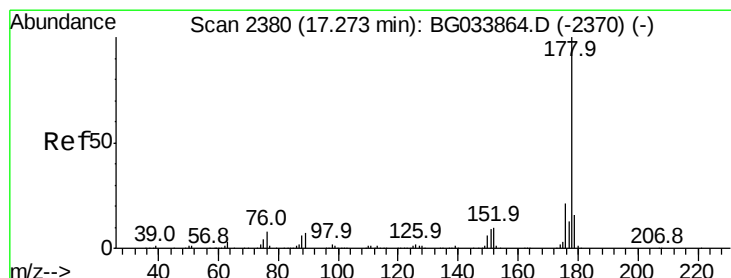
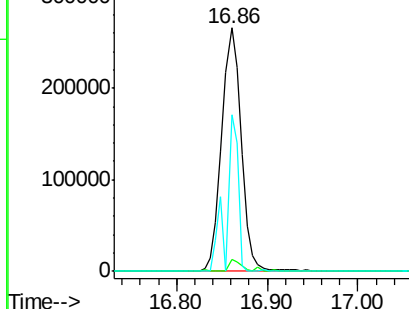
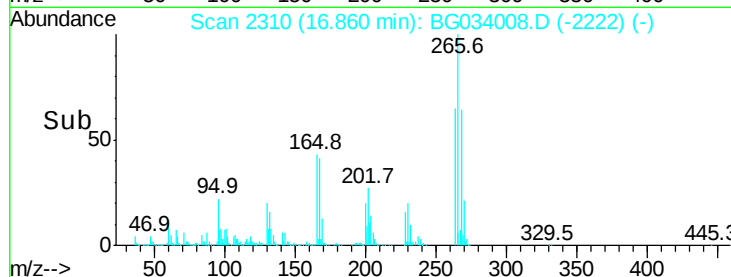
264 70.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.173 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

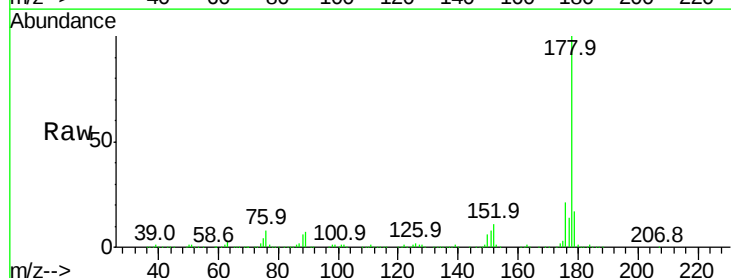
Tgt Ion:178 Resp: 1315346

Ion Ratio Lower Upper

178 100

176 21.3 15.7 23.5

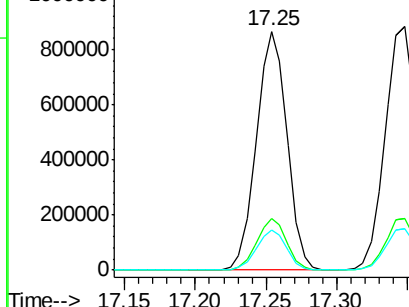
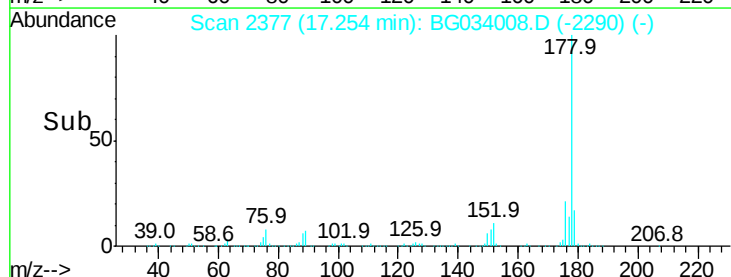
179 16.7 12.5 18.7

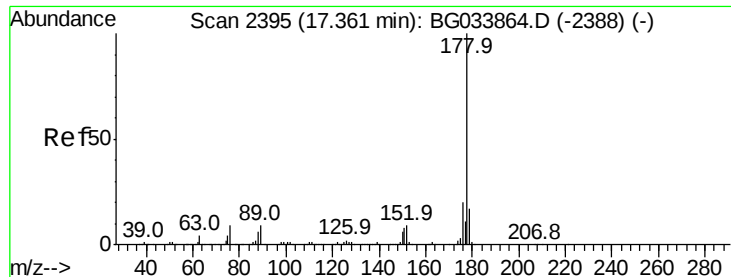


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

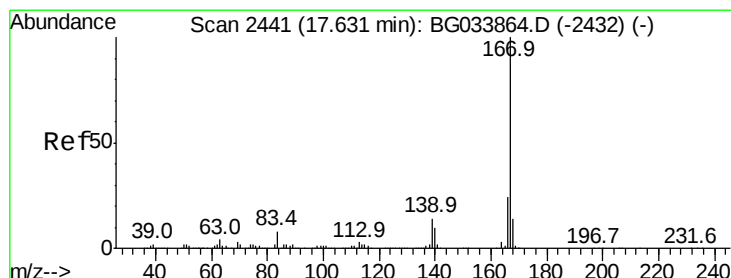
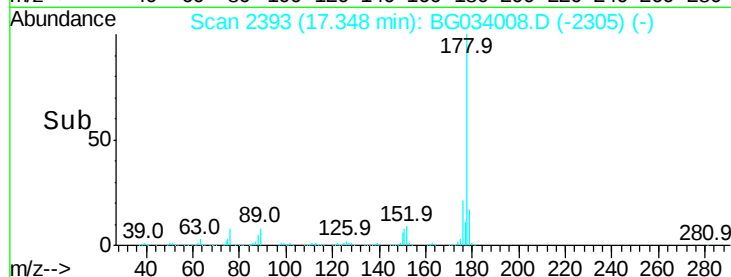
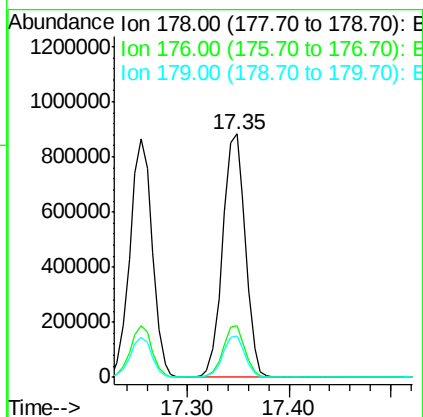
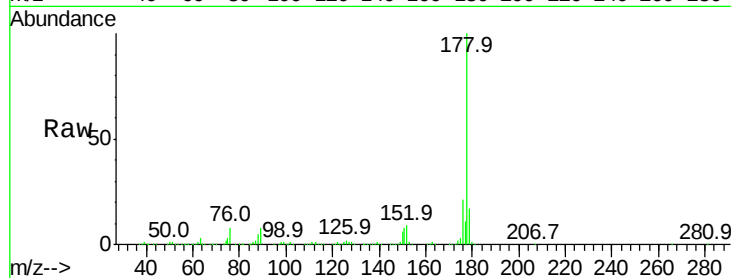




#71
 Anthracene
 Concen: 45.797 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

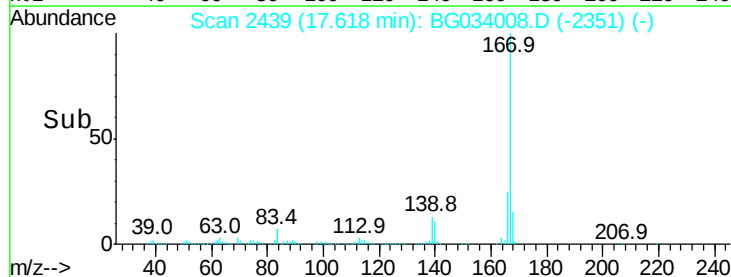
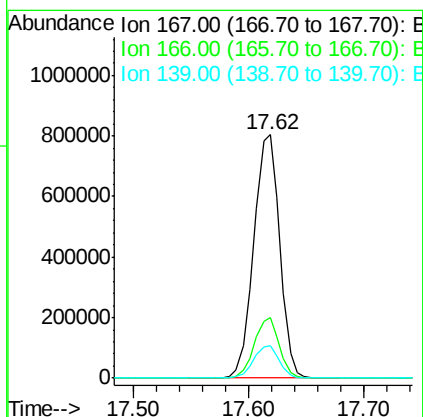
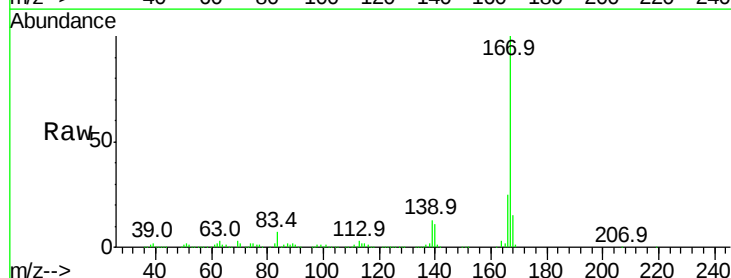
Instrument :
 BNA_G
 ClientSampled :

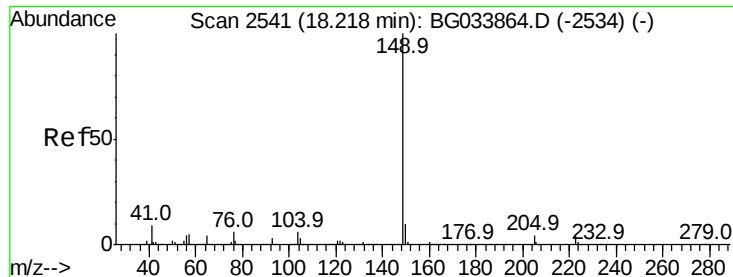
Tot Ion:178 Resp: 1363760
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 43.759 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion:167 Resp: 1257114
 Ion Ratio Lower Upper
 167 100
 166 25.0 18.2 27.4
 139 13.5 9.4 14.2

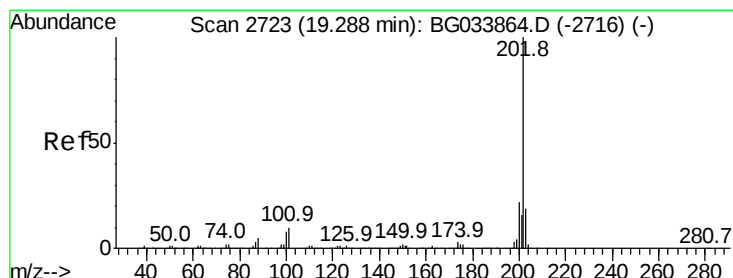
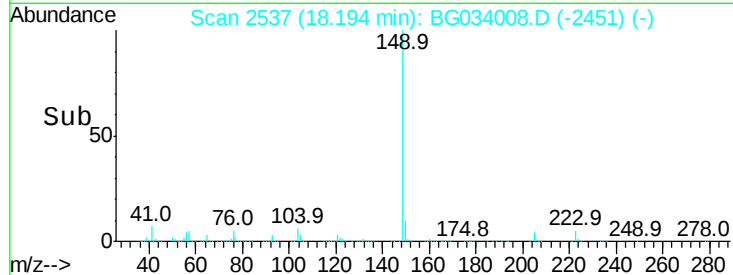
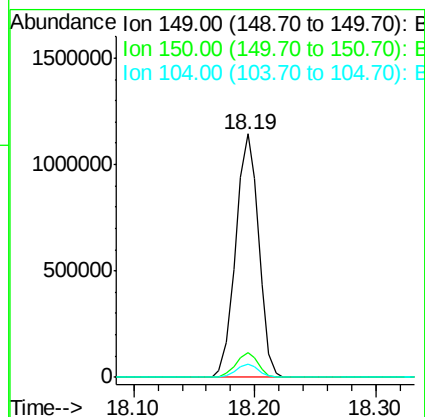
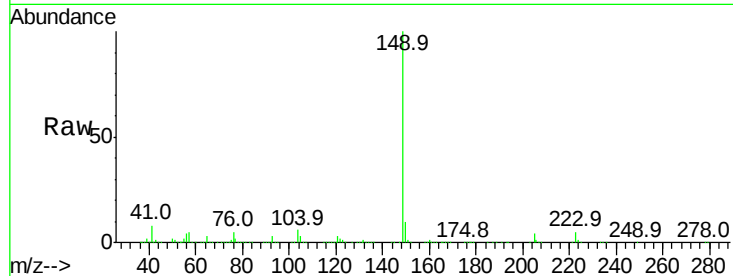




#73
Di-n-butylphthalate
Concen: 42.442 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

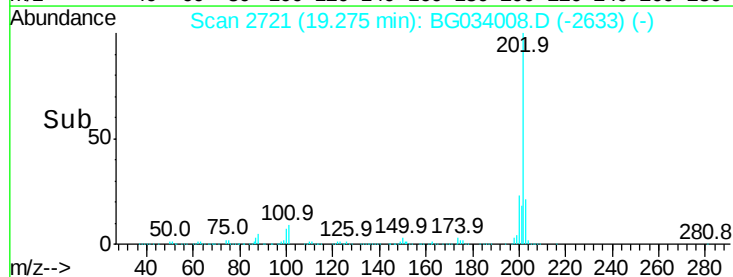
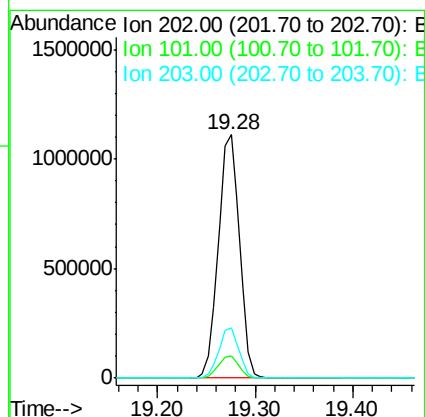
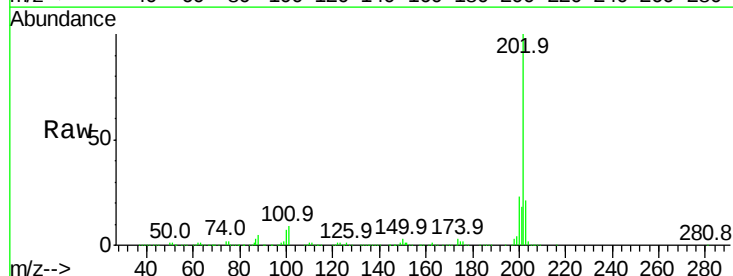
Instrument :
BNA_G
ClientSampleId :

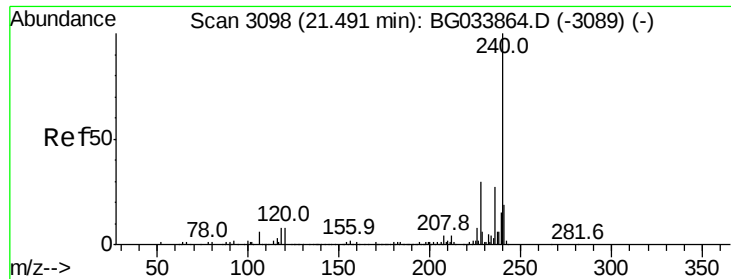
Tot Ion:149 Resp: 1516836
Ion Ratio Lower Upper
149 100
150 10.3 7.8 11.6
104 5.6 3.9 5.9



#74
Fluoranthene
Concen: 46.169 ng
RT: 19.28 min Scan# 2721
Delta R.T. -0.01 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:202 Resp: 1662984
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 20.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

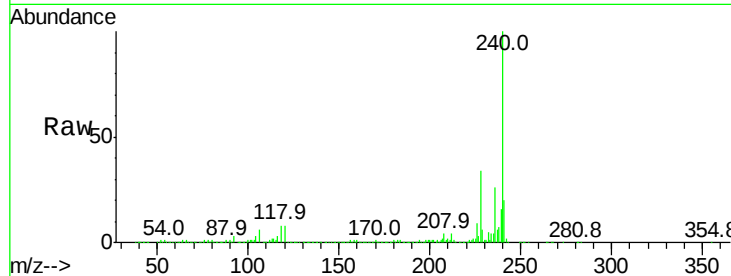
Tot Ion:240 Resp: 573764

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

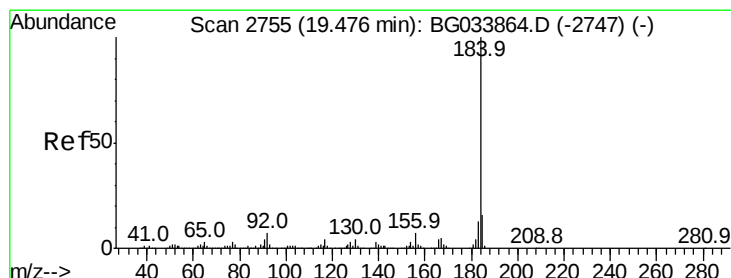
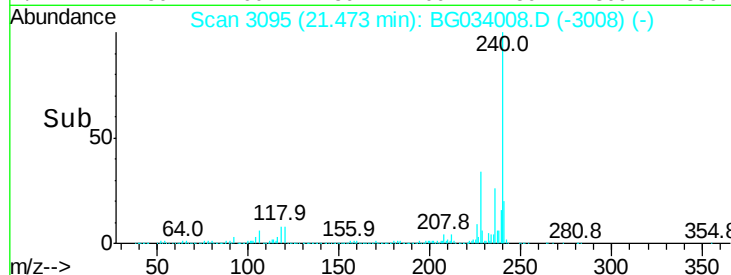
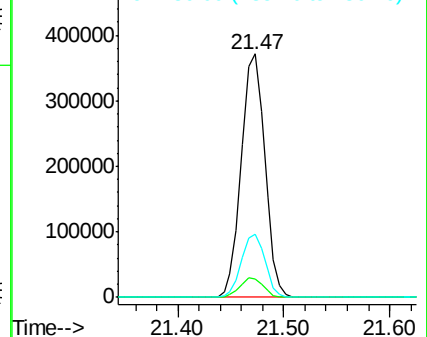
236 26.2 20.9 31.3



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: 19.710 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

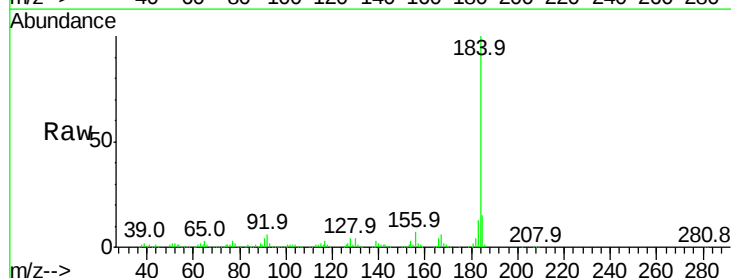
Tgt Ion:184 Resp: 305384

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

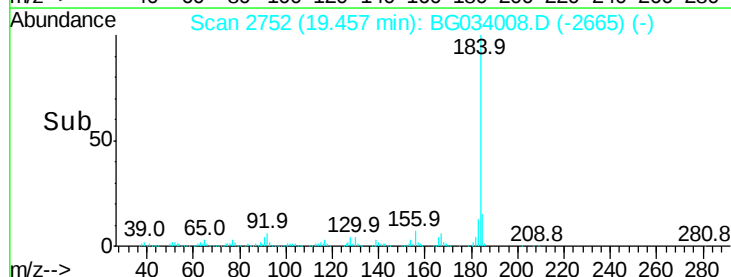
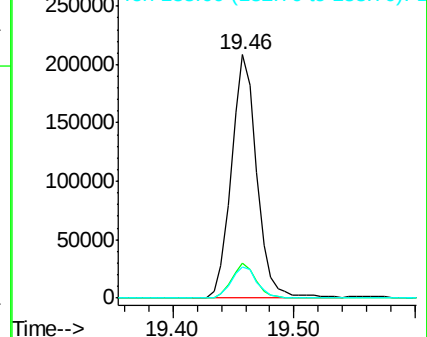
183 12.8 10.6 16.0

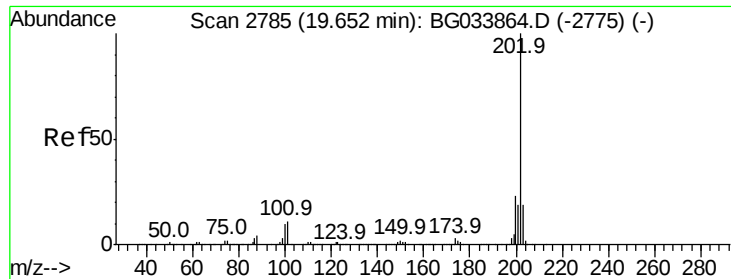


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.810 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

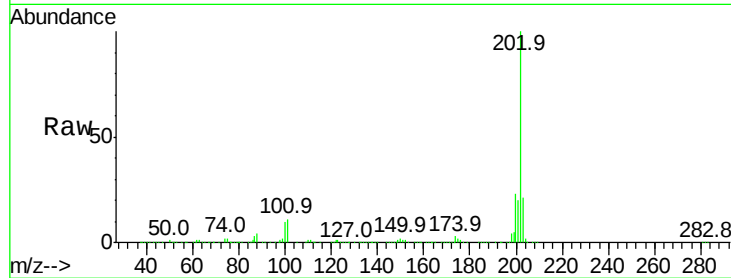
Tot Ion:202 Resp: 1648686

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	20.6	13.9	20.9

202 100

200 23.3 16.9 25.3

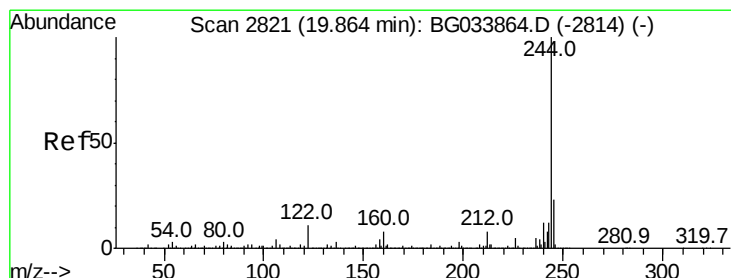
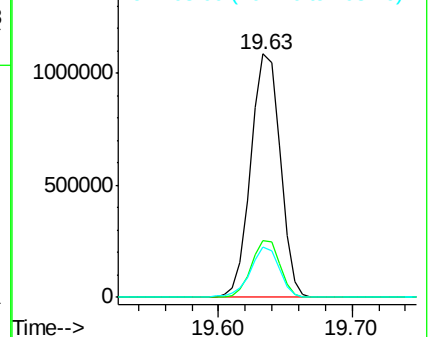
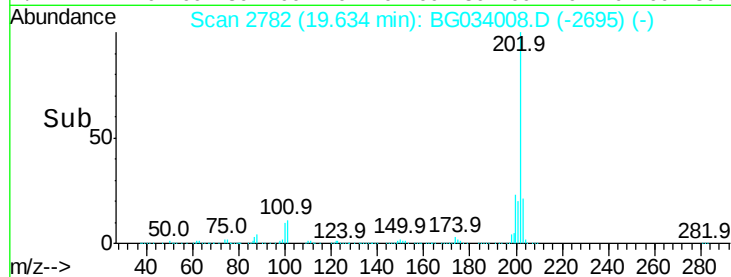
203 20.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.477 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

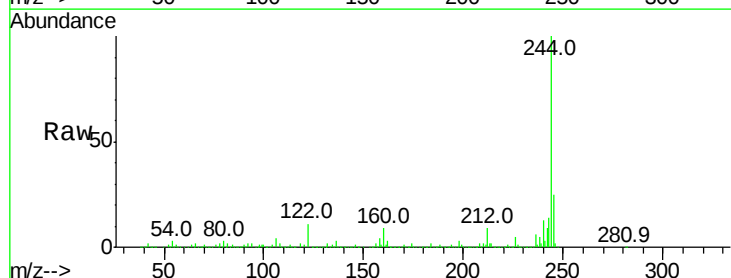
Tgt Ion:244 Resp: 2310694

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.9	7.0	10.4#

244 100

212 9.2 5.8 8.8#

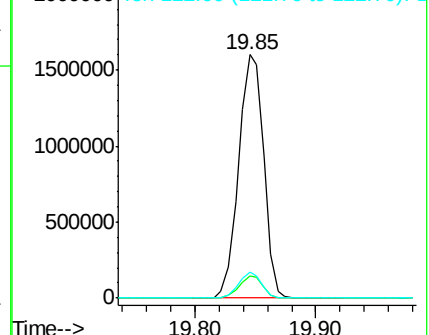
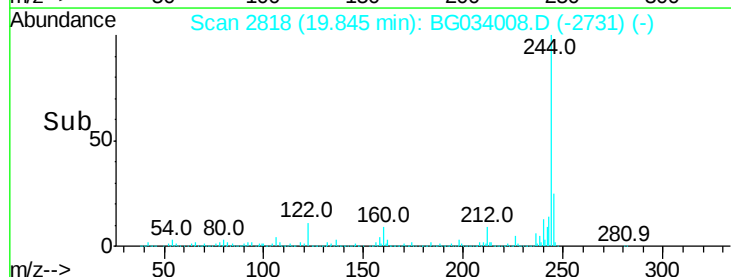
122 10.9 7.0 10.4#

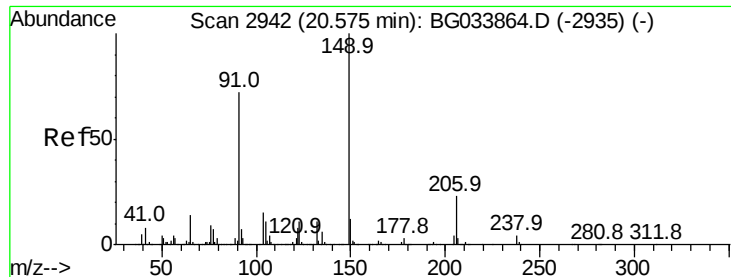


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

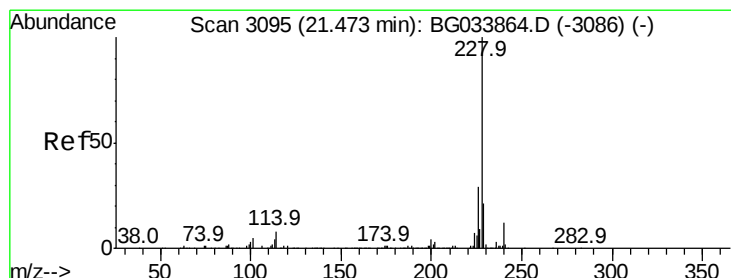
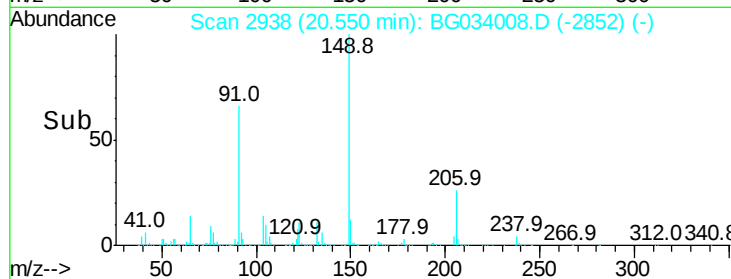
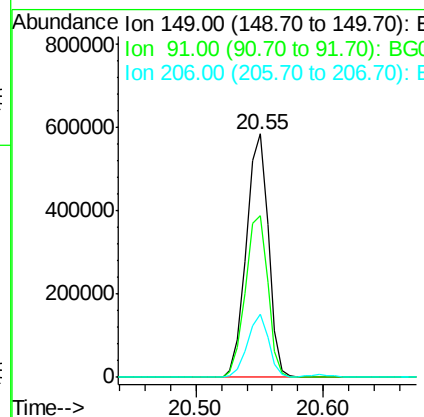
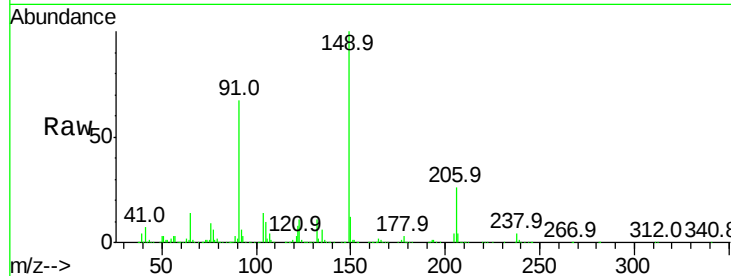




#79
Butylbenzylphthalate
Concen: 42.638 ng
RT: 20.55 min Scan# 2938
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

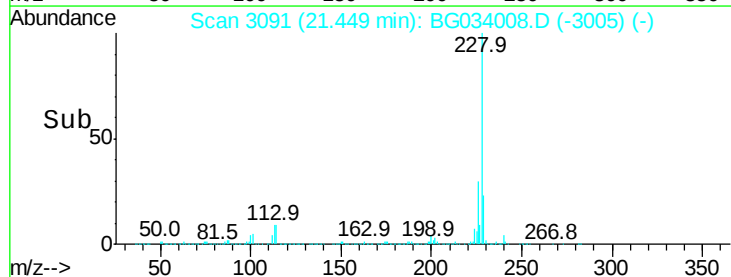
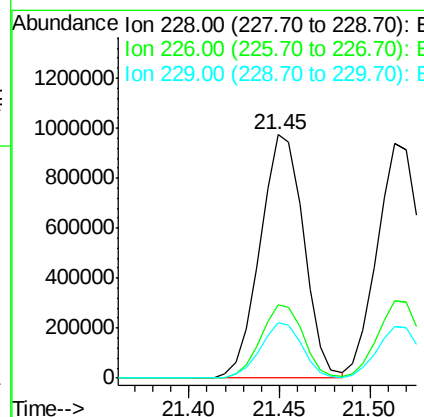
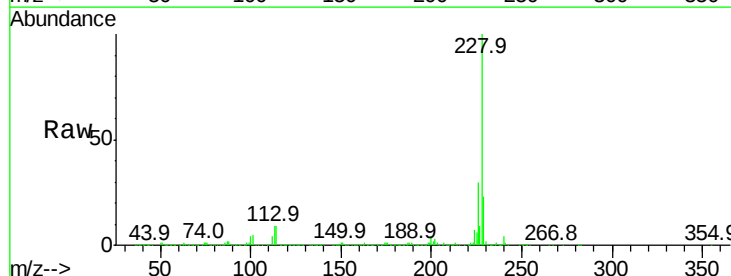
Instrument :
BNA_G
ClientSampleId :

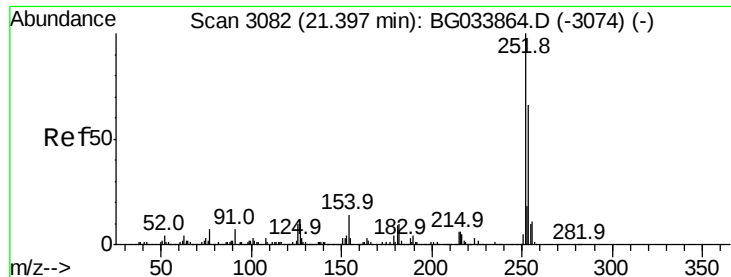
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	62.2	93.2
206	25.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 45.050 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.7	34.1
229	22.5	16.2	24.2

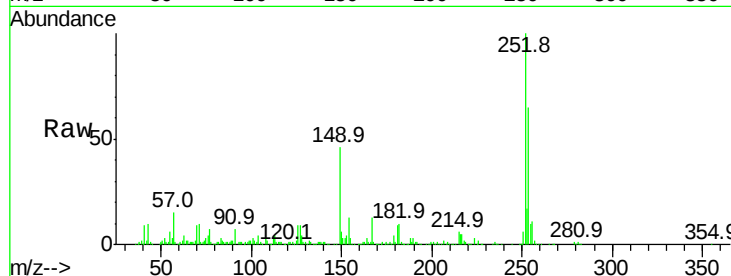




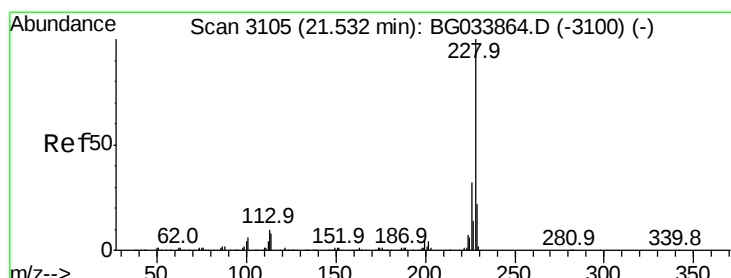
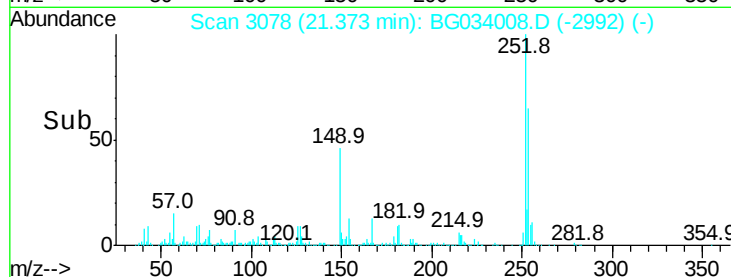
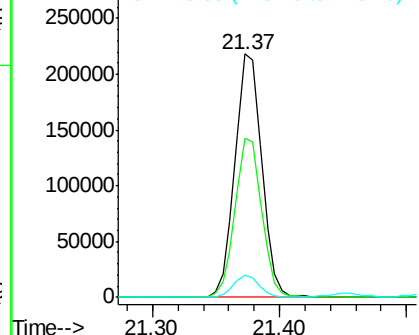
#81
 3,3'-Dichlorobenzidine
 Concen: 23.646 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.8	76.2
126	9.0	7.4	11.2

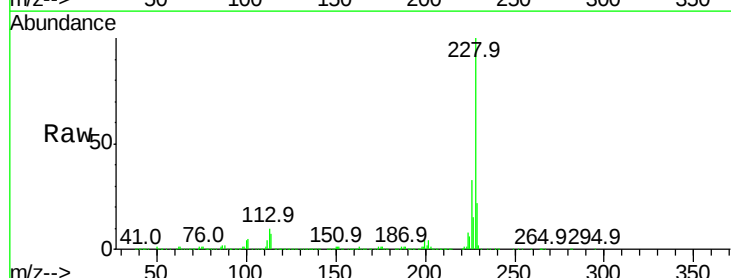


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

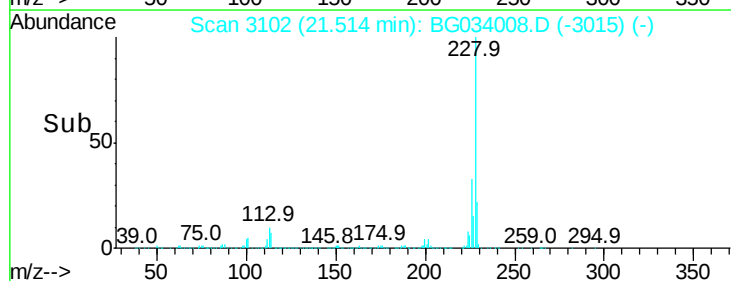
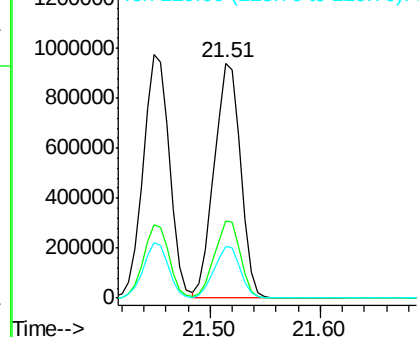


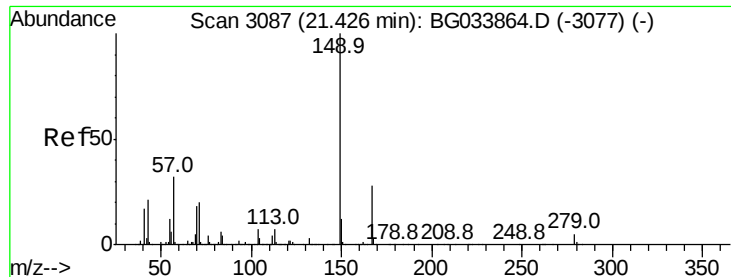
#82
 Chrysene
 Concen: 44.631 ng
 RT: 21.51 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	22.2	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

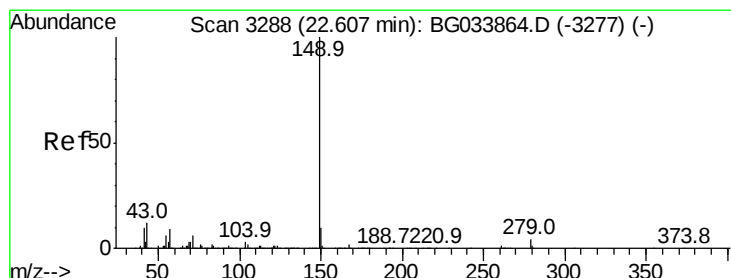
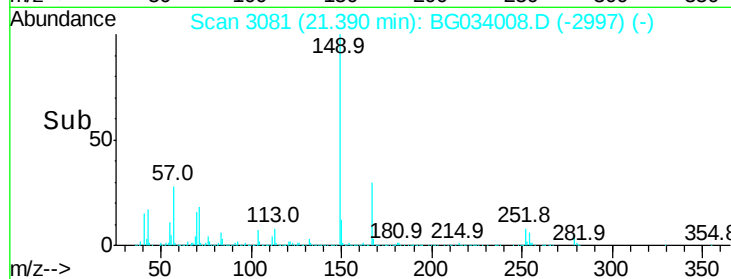
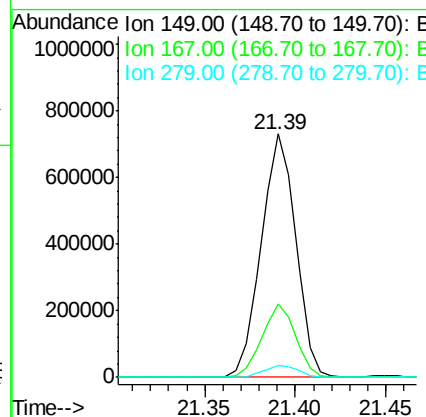
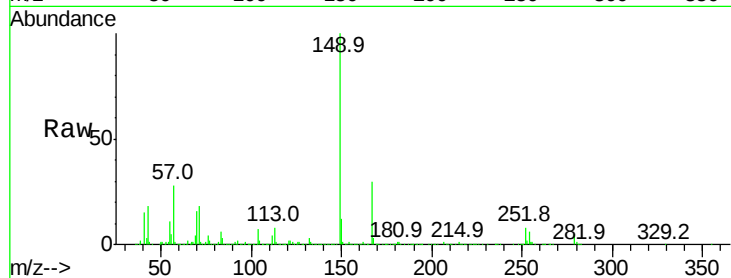




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.429 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.04 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

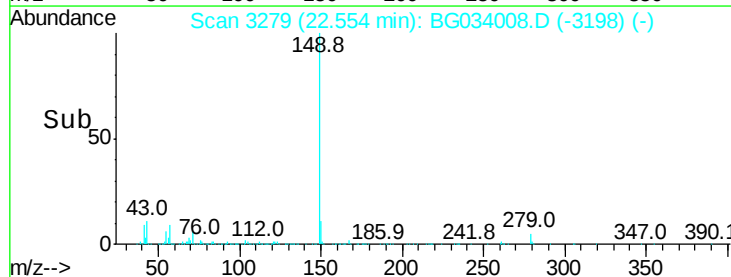
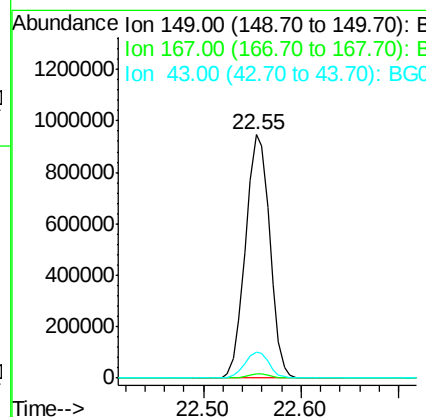
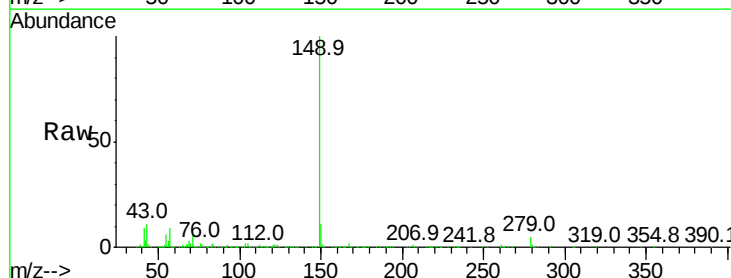
Instrument :
 BNA_G
 ClientSampled :

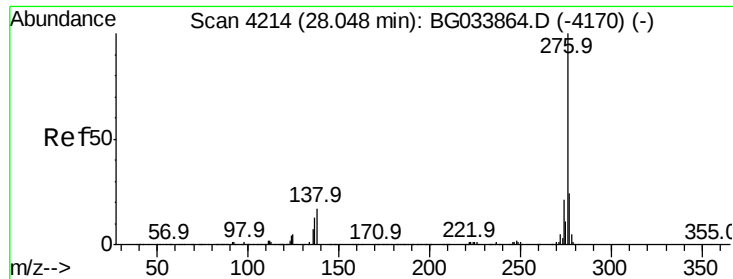
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 44.377 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.05 min
 Lab File: BG034008.D
 Acq: 26 Apr 2018 5:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.256 ng

RT: 27.99 min Scan# 4205

Delta R.T. -0.05 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

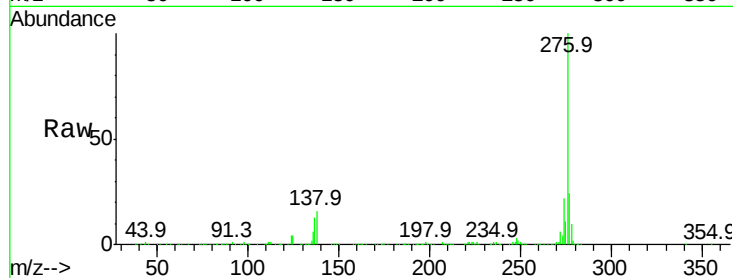
Tot Ion:276 Resp: 1937121

Ion Ratio Lower Upper

276 100

138 14.1 16.0 24.0#

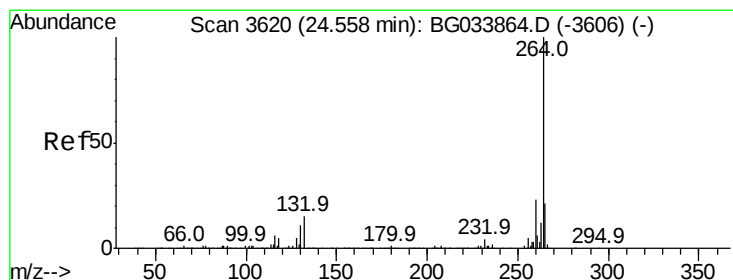
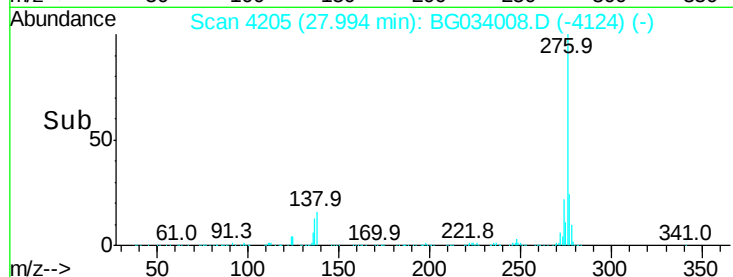
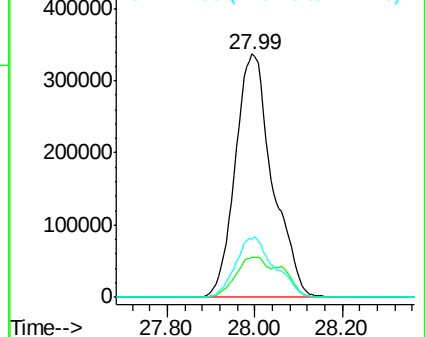
277 26.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.53 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

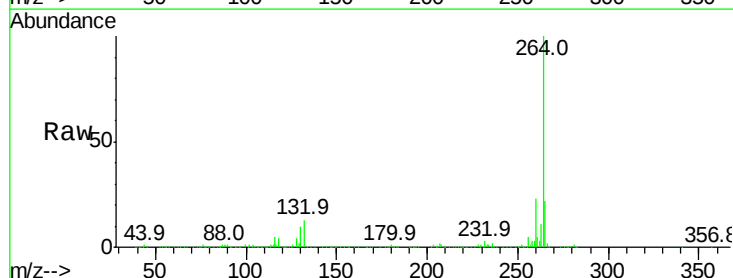
Tgt Ion:264 Resp: 592948

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

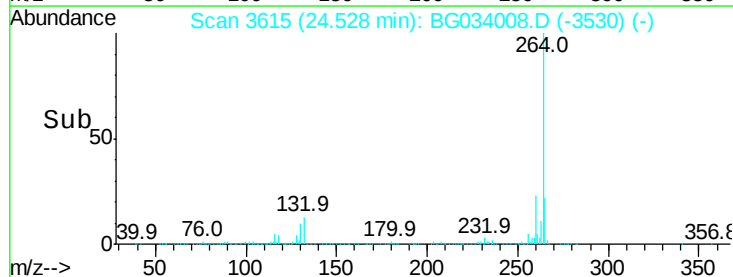
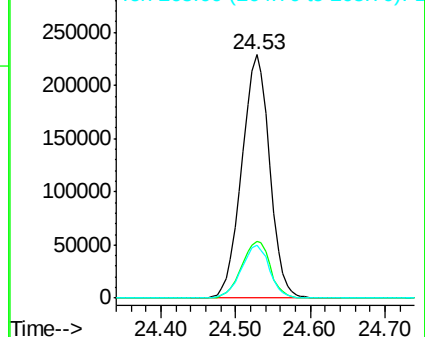
265 21.7 17.7 26.5

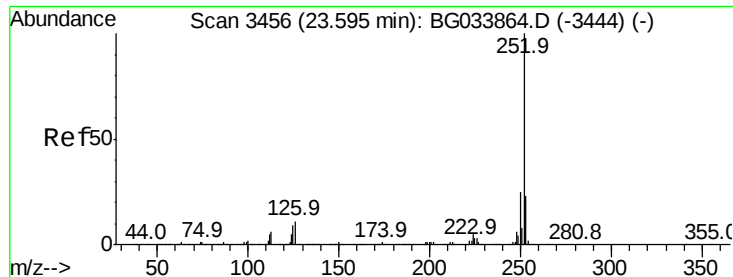


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

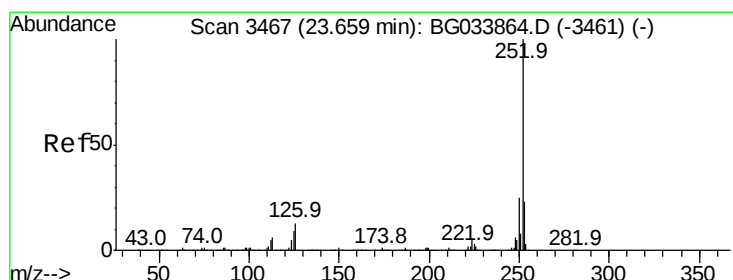
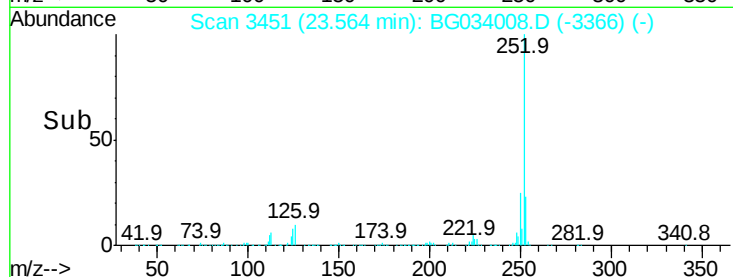
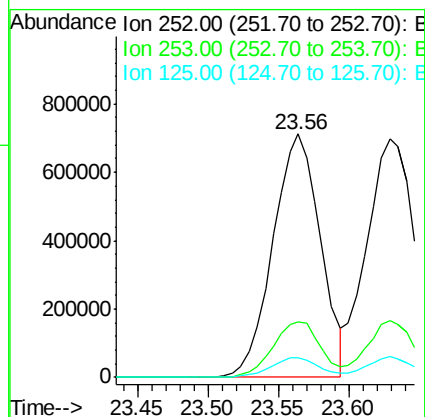
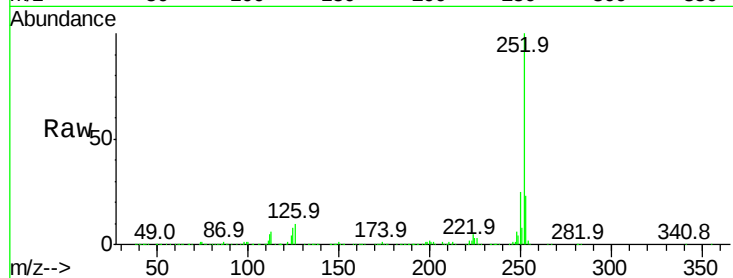




#87
Benzo(b)fluoranthene
Concen: 46.044 ng
RT: 23.56 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

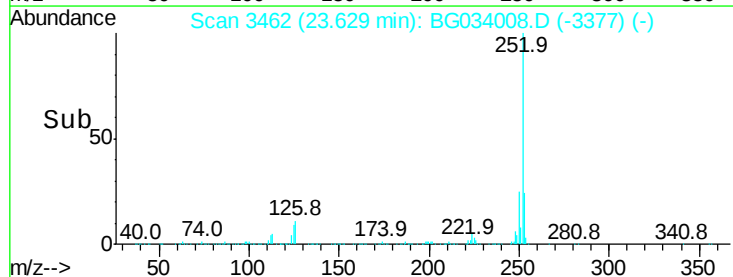
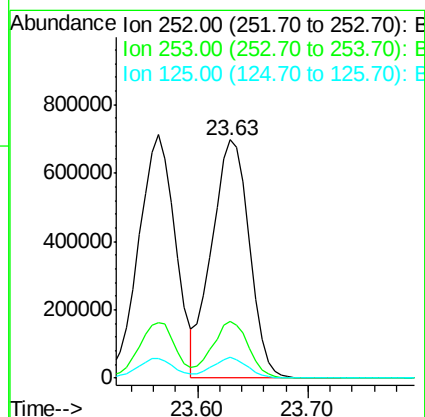
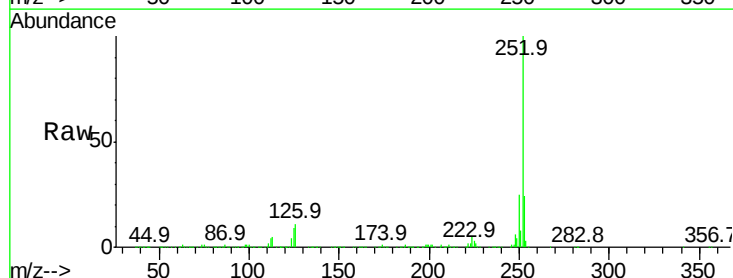
Instrument :
BNA_G
ClientSampled :

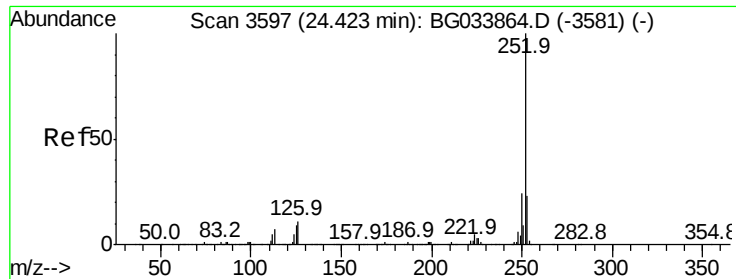
Tot Ion:252 Resp: 1665554
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 7.8 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 45.623 ng
RT: 23.63 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:252 Resp: 1639302
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 8.9 6.6 9.8

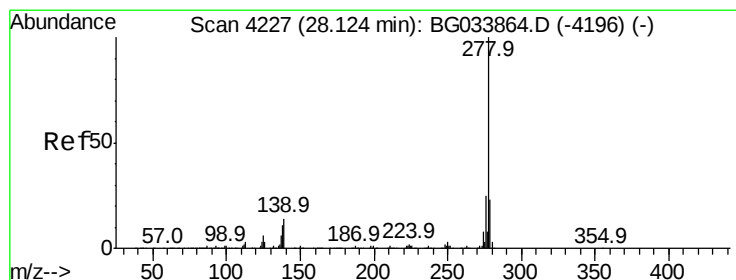
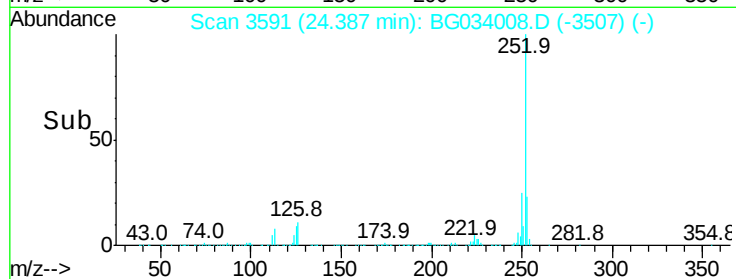
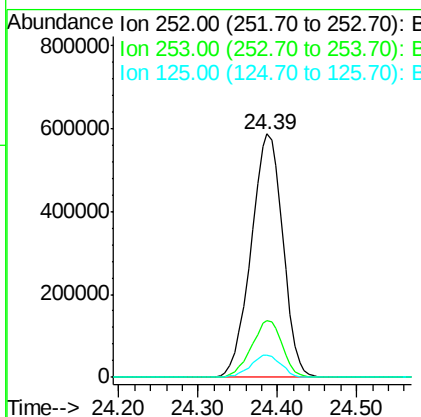
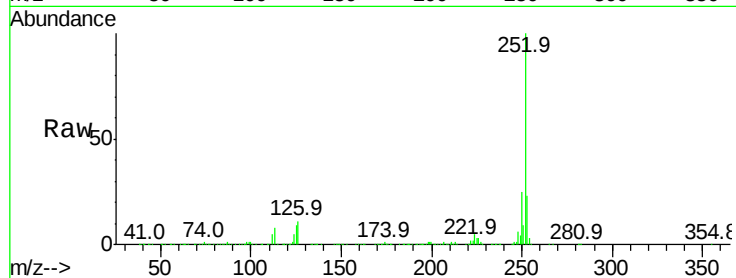




#89
Benzo(a)pyrene
Concen: 47.258 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

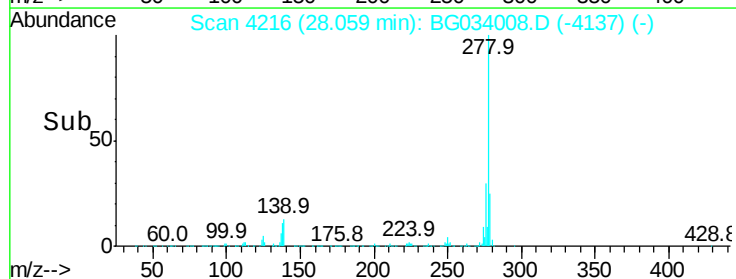
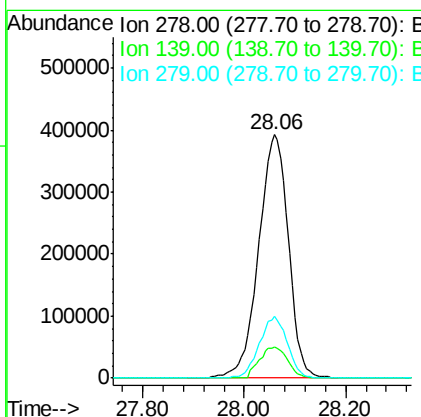
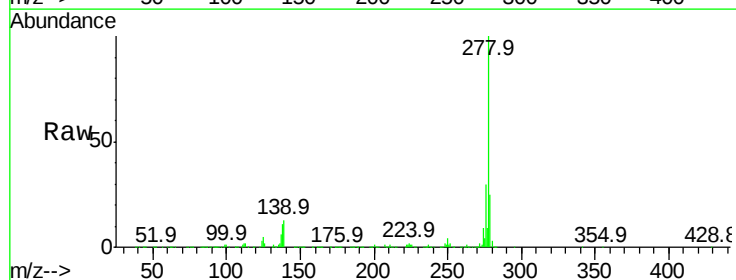
Instrument :
BNA_G
ClientSampleId :

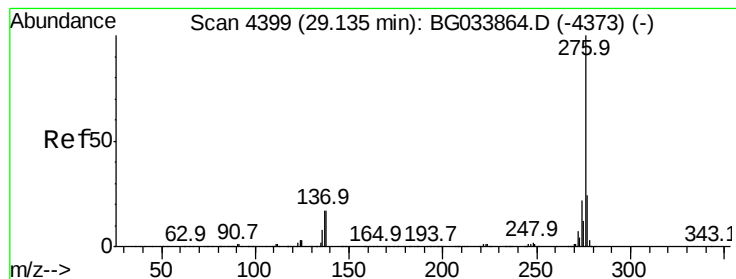
Tot Ion:252 Resp: 1637158
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 9.2 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 47.665 ng
RT: 28.06 min Scan# 4216
Delta R.T. -0.07 min
Lab File: BG034008.D
Acq: 26 Apr 2018 5:23

Tgt Ion:278 Resp: 1597815
Ion Ratio Lower Upper
278 100
139 12.8 9.8 14.6
279 25.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 48.338 ng

RT: 29.08 min Scan# 4390

Delta R.T. -0.05 min

Lab File: BG034008.D

Acq: 26 Apr 2018 5:23

Instrument :

BNA_G

ClientSampleId :

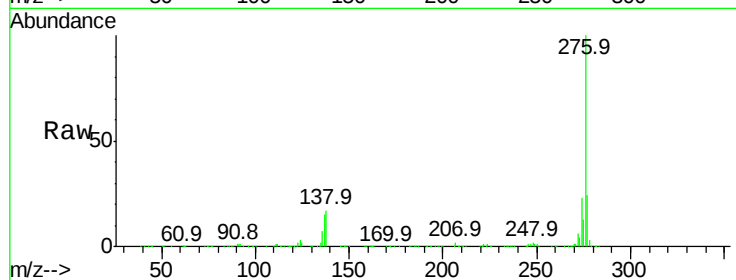
Tot Ion:276 Resp: 1594411

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 16.6 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

