

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032860.D
 Acq On : 27 Feb 2018 18:33
 Operator : SJ/JU
 Sample : J1688-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 02:38:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	71274	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	312537	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	185291	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	408238	20.00	ng	0.00
75) Chrysene-d12	22.63	240	381214	20.00	ng	0.00
86) Perylene-d12	26.43	264	410691	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	622971	139.84	ng	0.00
7) Phenol-d6	8.02	99	753160	121.29	ng	0.00
23) Nitrobenzene-d5	10.12	82	533217	114.50	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	324782	166.70	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1191851	92.77	ng	0.00
78) Terphenyl-d14	20.78	244	1683766	99.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.97	88	74962	38.77	ng	89
3) Pyridine	4.44	79	170850	32.06	ng	94
4) n-Nitrosodimethylamine	4.33	42	104264	48.80	ng	# 95
6) Aniline	8.21	93	107249	12.76	ng	95
8) 2-Chlorophenol	8.47	128	237240	48.65	ng	92
9) Benzaldehyde	8.02	77	97310	27.19	ng	92
10) Phenol	8.05	94	256246	40.94	ng	90
11) bis(2-Chloroethyl)ether	8.30	93	224736	43.91	ng	94
12) 1,3-Dichlorobenzene	8.81	146	238397	41.74	ng	97
13) 1,4-Dichlorobenzene	8.96	146	242169	42.12	ng	94
14) 1,2-Dichlorobenzene	9.29	146	231090	41.95	ng	96
15) Benzyl Alcohol	9.15	79	209494	45.89	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.45	45	364581	41.43	ng	96
17) 2-Methylphenol	9.35	107	202575	43.89	ng	94
18) Hexachloroethane	10.05	117	87429	44.67	ng	# 83
19) n-Nitroso-di-n-propylamine	9.73	70	188272	42.95	ng	# 97
20) 3+4-Methylphenols	9.68	107	276478	43.08	ng	94
22) Acetophenone	9.77	105	351498	44.53	ng	# 94
24) Nitrobenzene	10.17	77	258551	51.36	ng	90
25) Isophorone	10.69	82	519819	47.39	ng	# 94
26) 2-Nitrophenol	10.89	139	123475	63.06	ng	90
27) 2,4-Dimethylphenol	10.92	122	261584	54.89	ng	88
28) bis(2-Chloroethoxy)methane	11.16	93	314799	49.26	ng	95
29) 2,4-Dichlorophenol	11.43	162	226836	52.45	ng	96
30) 1,2,4-Trichlorobenzene	11.66	180	219613	43.32	ng	97
31) Naphthalene	11.86	128	770266	47.17	ng	99
32) Benzoic acid	11.02	122	111383	40.53	ng	# 84
33) 4-Chloroaniline	11.95	127	68292	9.35	ng	95
34) Hexachlorobutadiene	12.12	225	114675	40.32	ng	95
35) Caprolactam	12.69	113	67335	38.88	ng	# 84
36) 4-Chloro-3-methylphenol	13.00	107	273441	54.33	ng	91
37) 2-Methylnaphthalene	13.41	142	551536	46.68	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	227632	41.38	ng	# 97
40) Hexachlorocyclopentadiene	13.74	237	247676	88.35	ng	94

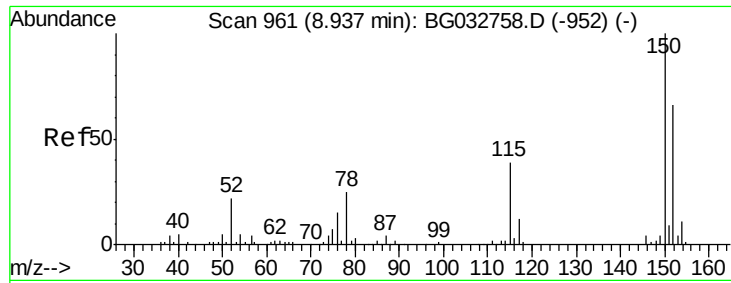
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032860.D
 Acq On : 27 Feb 2018 18:33
 Operator : SJ/JU
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Quant Time: Feb 28 02:38:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	177295	51.11	ng	96
43) 2,4,5-Trichlorophenol	14.05	196	197033	49.08	ng	98
45) 1,1'-Biphenyl	14.38	154	692949	42.80	ng	94
46) 2-Chloronaphthalene	14.44	162	522359	43.19	ng	98
47) 2-Nitroaniline	14.61	65	184243	57.86	ng	90
48) Acenaphthylene	15.27	152	868764	43.87	ng	98
49) Dimethylphthalate	14.97	163	709141	45.07	ng	99
50) 2,6-Dinitrotoluene	15.09	165	157745	58.25	ng	89
51) Acenaphthene	15.60	154	577368	46.82	ng	98
52) 3-Nitroaniline	15.42	138	70743	26.05	ng	# 83
53) 2,4-Dinitrophenol	15.62	184	84509	95.59	ng	# 22
54) Dibenzofuran	15.93	168	823665	46.91	ng	94
55) 4-Nitrophenol	15.69	139	239731	91.89	ng	# 79
56) 2,4-Dinitrotoluene	15.86	165	217622	64.98	ng	86
57) Fluorene	16.57	166	666973	46.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	167610	53.77	ng	94
59) Diethylphthalate	16.30	149	752042	45.32	ng	99
60) 4-Chlorophenyl-phenylether	16.55	204	328611	46.35	ng	92
61) 4-Nitroaniline	16.57	138	153928	45.50	ng	83
62) Azobenzene	16.84	77	684551	46.11	ng	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	78899	60.17	ng	97
65) n-Nitrosodiphenylamine	16.76	169	623545	46.95	ng	98
66) 4-Bromophenyl-phenylether	17.44	248	197806	45.82	ng	# 88
67) Hexachlorobenzene	17.57	284	206718	44.31	ng	# 92
68) Atrazine	17.68	200	212301	48.57	ng	96
69) Pentachlorophenol	17.90	266	251114	85.46	ng	99
70) Phenanthrene	18.31	178	1060330	46.56	ng	97
71) Anthracene	18.40	178	1069267	46.76	ng	98
72) Carbazole	18.65	167	1012792	44.94	ng	# 96
73) Di-n-butylphthalate	19.15	149	1262514	45.66	ng	98
74) Fluoranthene	20.26	202	1172757	46.61	ng	94
76) Benzidine	20.41	184	56698	4.36	ng	98
77) Pyrene	20.62	202	1179674	43.88	ng	96
79) Butylbenzylphthalate	21.48	149	600817	50.41	ng	92
80) Benzo(a)anthracene	22.60	228	1148252	46.97	ng	98
81) 3,3'-Dichlorobenzidine	22.48	252	140060	15.47	ng	# 97
82) Chrysene	22.68	228	1064066	45.57	ng	96
83) Bis(2-ethylhexyl)phthalate	22.44	149	854756	48.45	ng	# 97
84) Di-n-octyl phthalate	23.87	149	1466581	54.53	ng	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1329376	48.81	ng	99
87) Benzo(b)fluoranthene	25.21	252	1156554	47.63	ng	# 96
88) Benzo(k)fluoranthene	25.29	252	1128262	46.75	ng	# 95
89) Benzo(a)pyrene	26.26	252	1117233	48.37	ng	# 96
90) Dibenzo(a,h)anthracene	30.96	278	1102856	47.44	ng	# 93
91) Benzo(g,h,i)perylene	32.27	276	1076587	46.98	ng	# 91

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

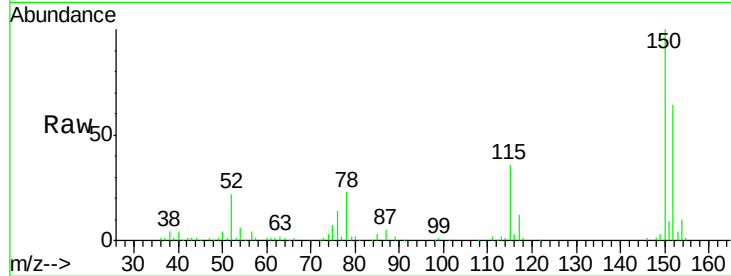


#1

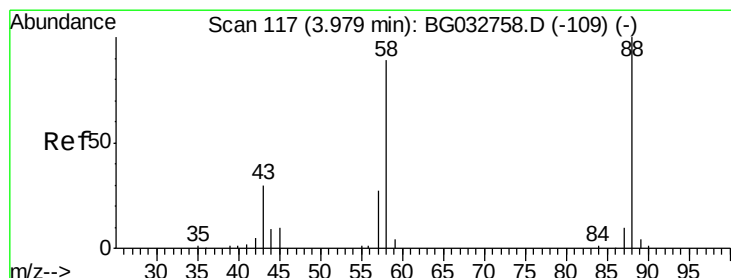
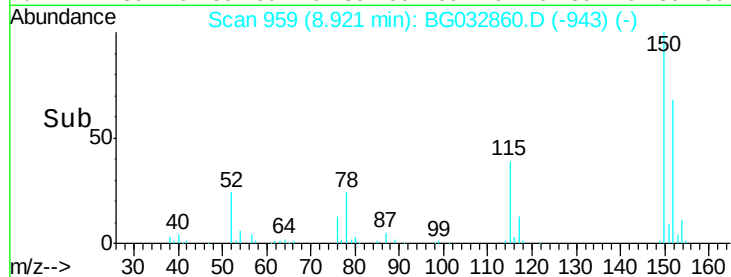
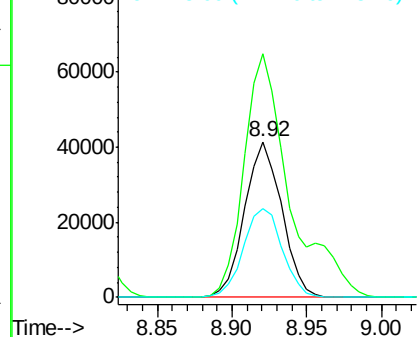
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 71274
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 57.0 53.0 79.4



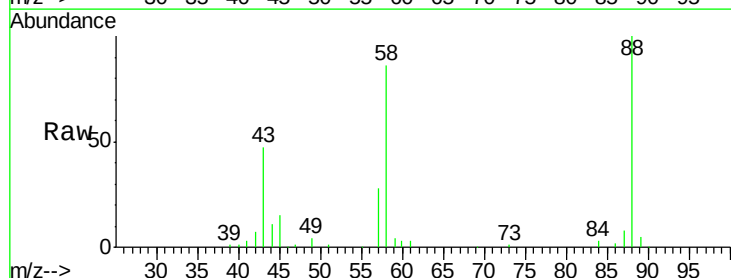
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



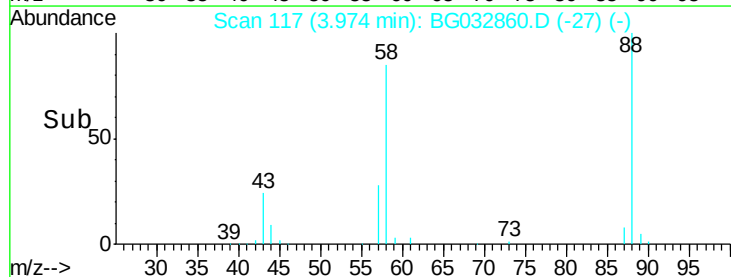
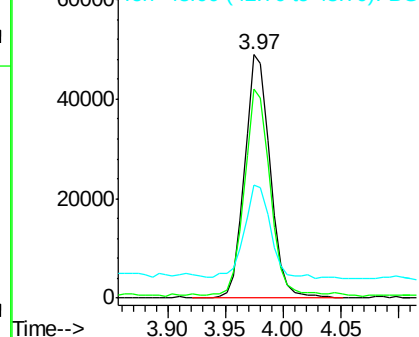
#2

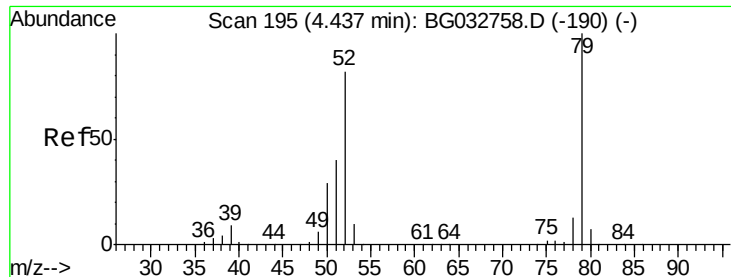
1,4-Dioxane
Concen: 38.77 ng
RT: 3.97 min Scan# 117
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion: 88 Resp: 74962
Ion Ratio Lower Upper
88 100
58 86.3 79.6 119.4
43 37.9 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: 32.06 ng

RT: 4.44 min Scan# 197

Delta R.T. 0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampled :

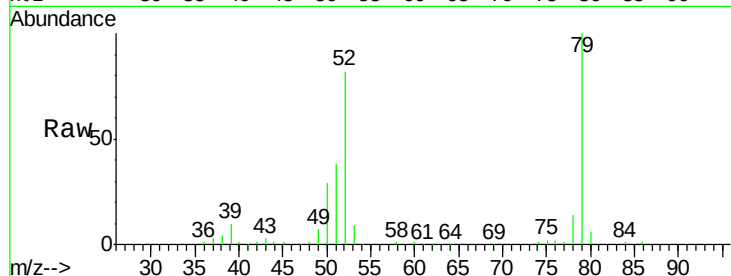
Tot Ion: 79 Resp: 170850

Ion Ratio Lower Upper

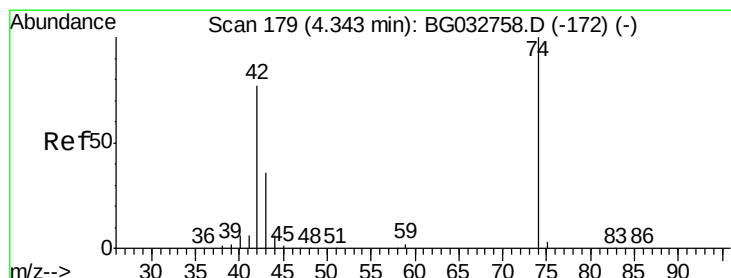
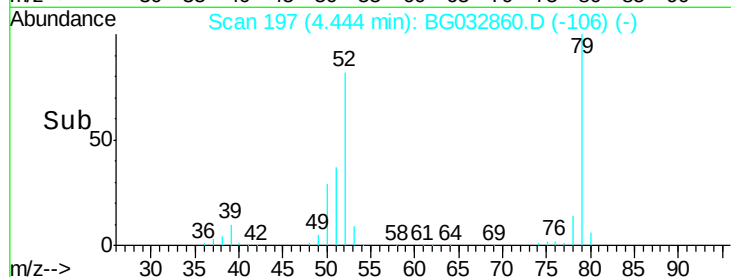
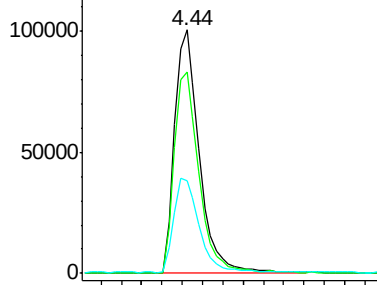
79 100

52 82.5 69.9 104.9

51 38.2 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 48.80 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

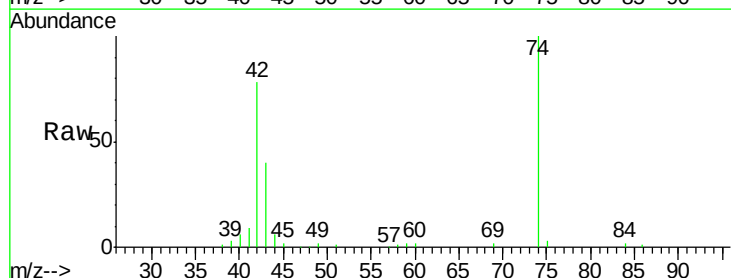
Tgt Ion: 42 Resp: 104264

Ion Ratio Lower Upper

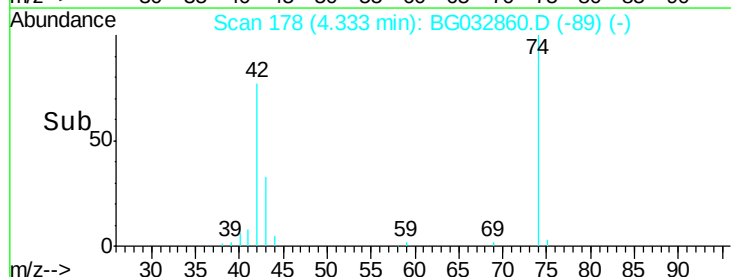
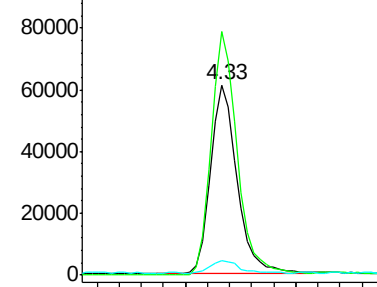
42 100

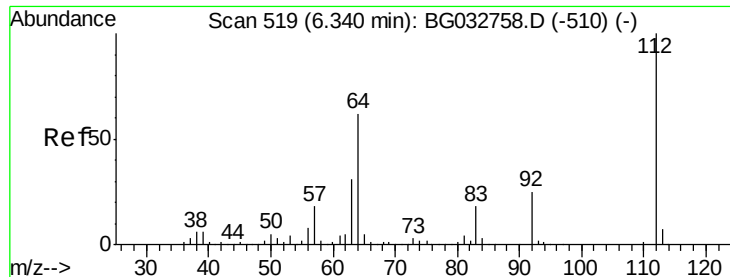
74 128.0 102.5 153.7

44 7.7 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 139.84 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampled :

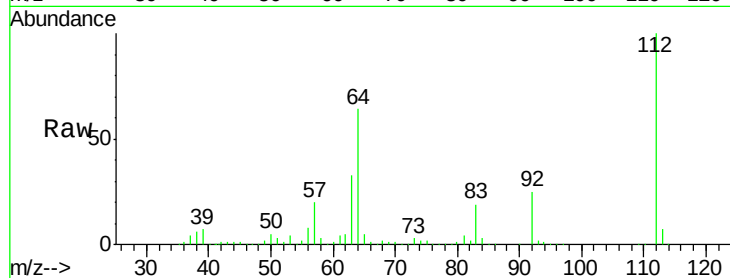
Tot Ion:112 Resp: 622971

Ion Ratio Lower Upper

112 100

64 64.3 56.3 84.5

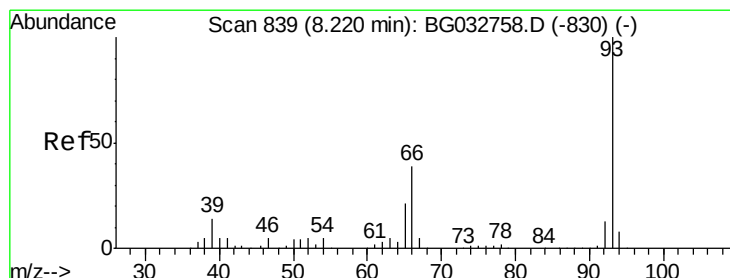
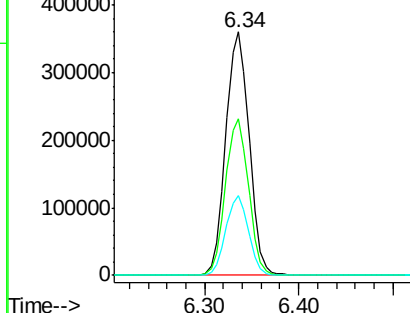
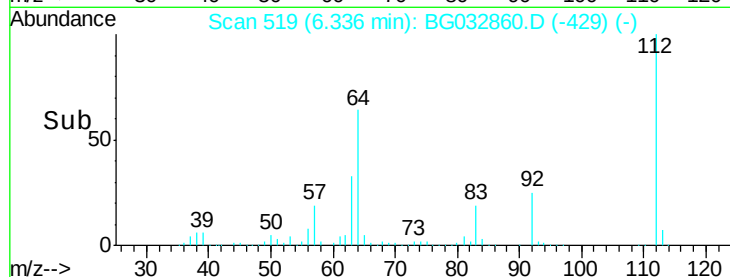
63 32.6 30.1 45.1



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: 12.76 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

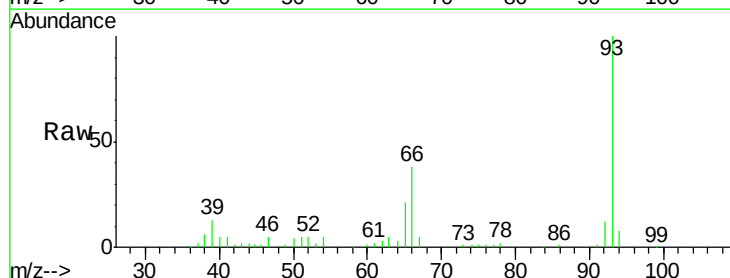
Tgt Ion: 93 Resp: 107249

Ion Ratio Lower Upper

93 100

66 37.9 33.7 50.5

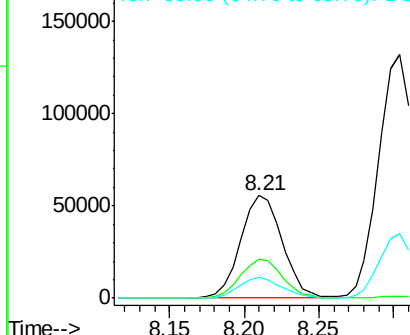
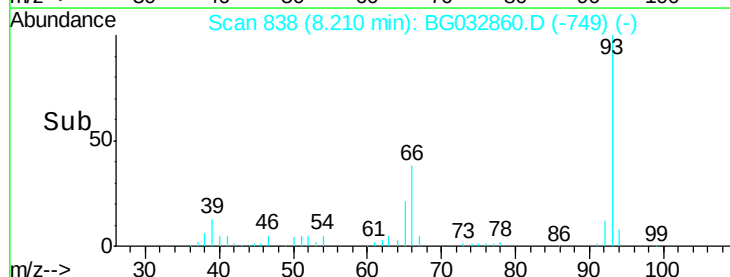
65 20.7 16.1 24.1

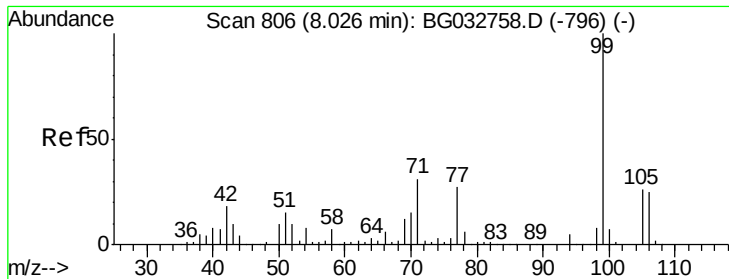


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.29 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampled :

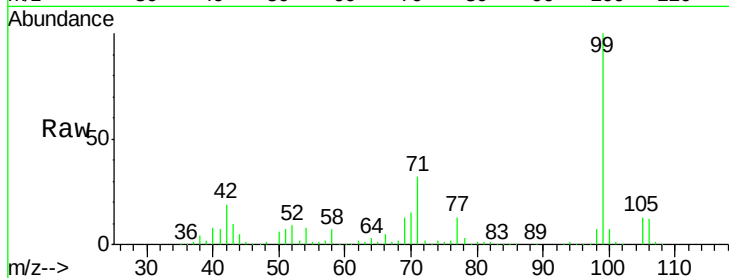
Tot Ion: 99 Resp: 753160

Ion Ratio Lower Upper

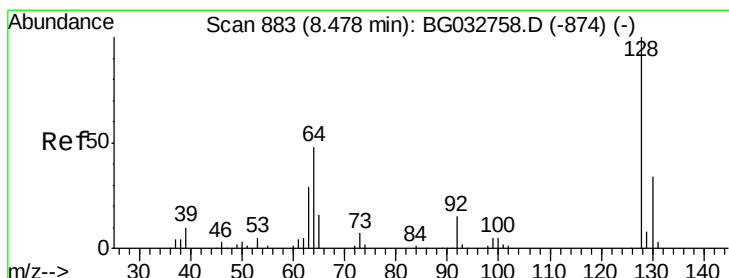
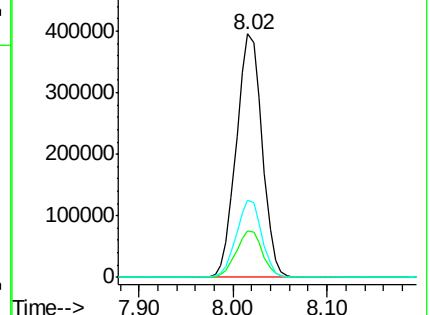
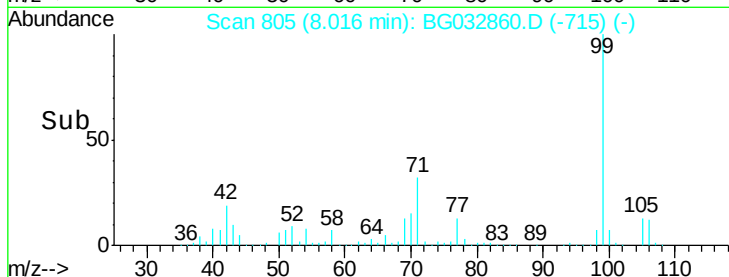
99 100

42 19.1 14.1 21.1

71 31.7 26.1 39.1



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



#8

2-Chlorophenol

Concen: 48.65 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

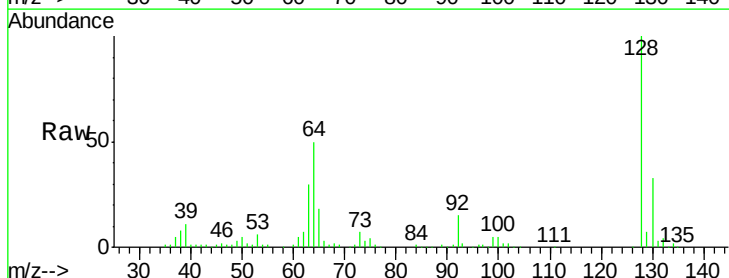
Tgt Ion: 128 Resp: 237240

Ion Ratio Lower Upper

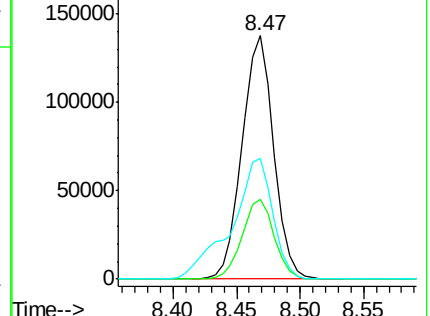
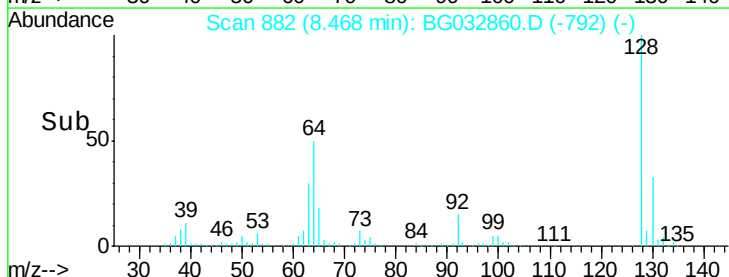
128 100

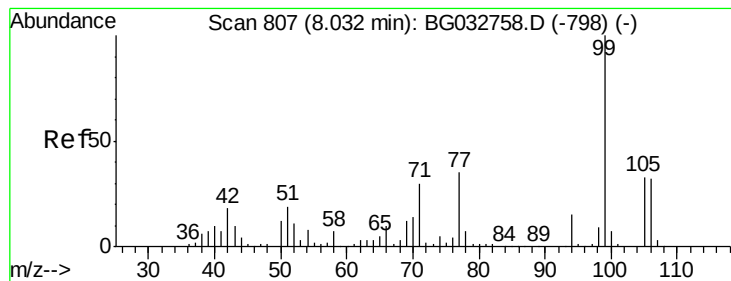
130 32.8 14.0 54.0

64 49.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 27.19 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

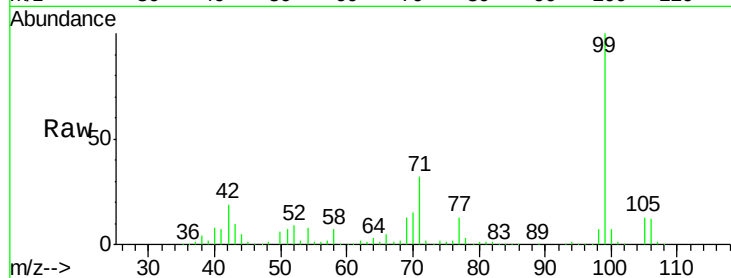
Tot Ion: 77 Resp: 97310

Ion Ratio Lower Upper

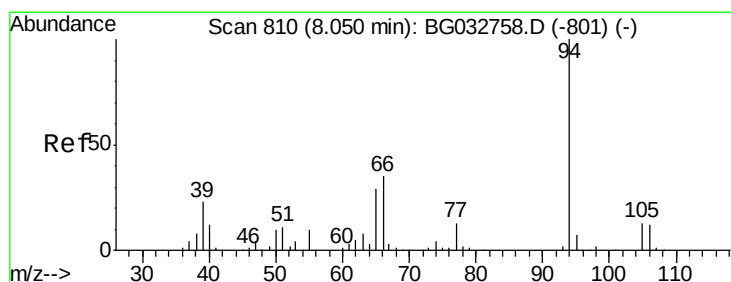
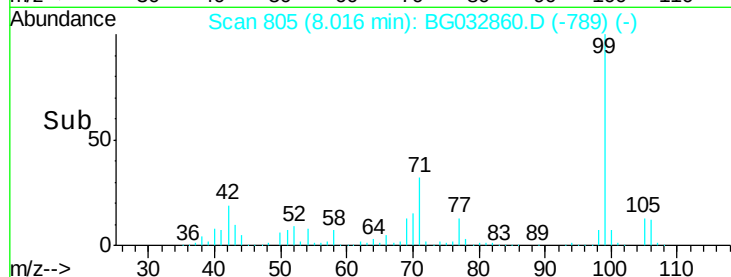
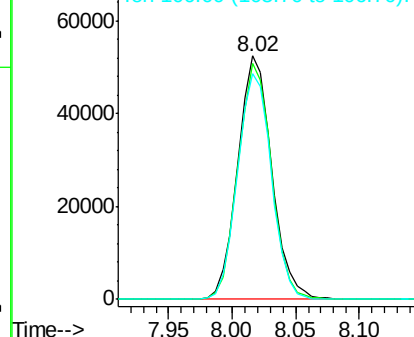
77 100

105 97.0 71.3 111.3

106 92.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.94 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

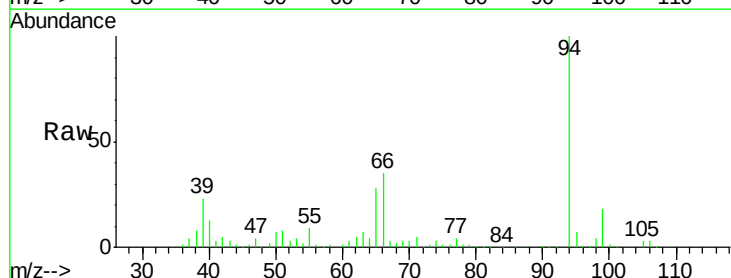
Tgt Ion: 94 Resp: 256246

Ion Ratio Lower Upper

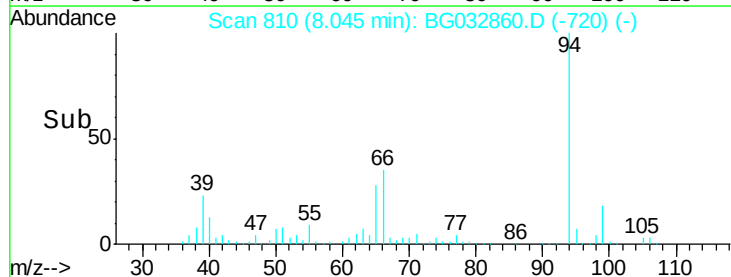
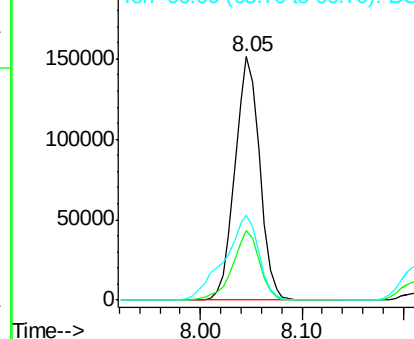
94 100

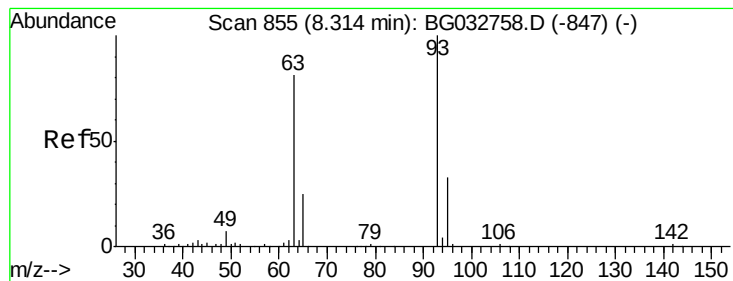
65 28.3 11.9 51.9

66 34.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.91 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

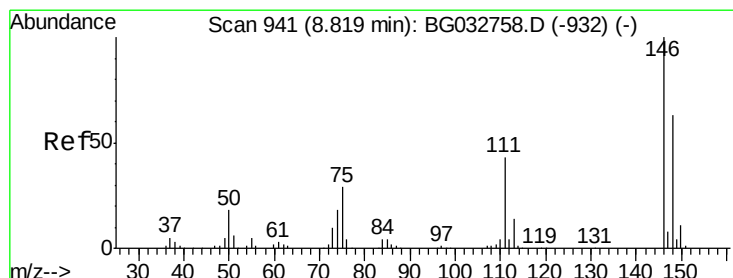
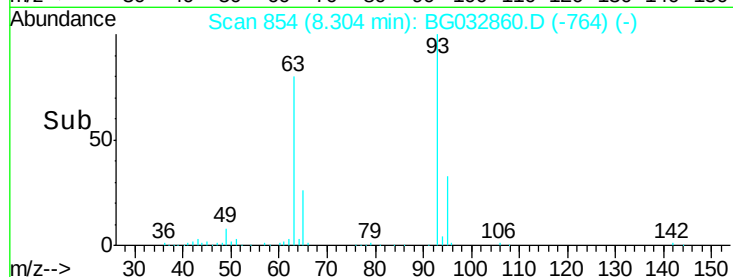
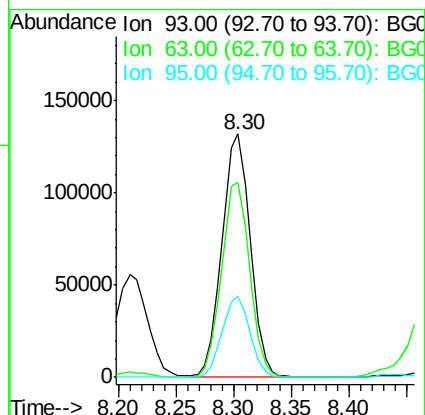
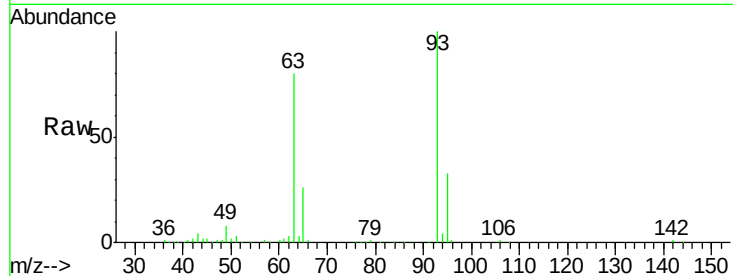
Tot Ion: 93 Resp: 224736

Ion Ratio Lower Upper

93 100

63 79.9 67.1 107.1

95 33.1 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.74 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

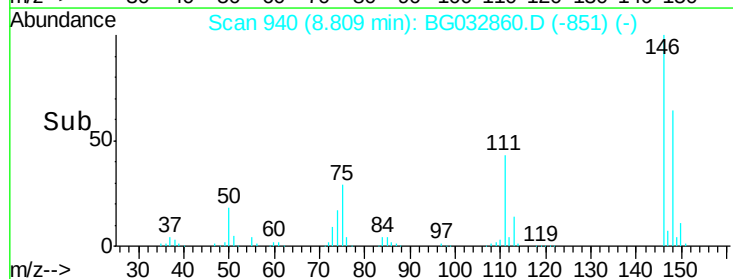
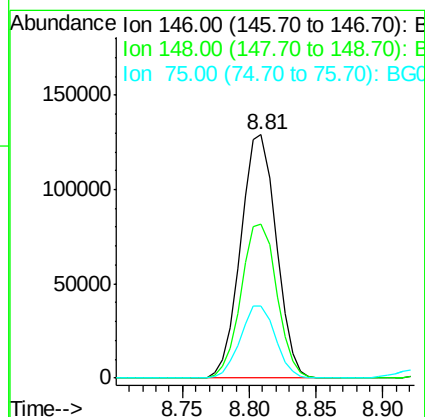
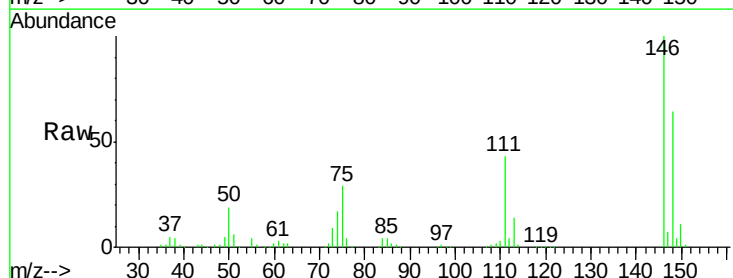
Tgt Ion: 146 Resp: 238397

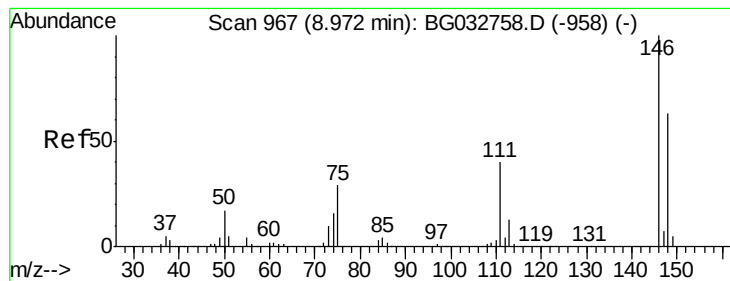
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

75 29.5 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.12 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

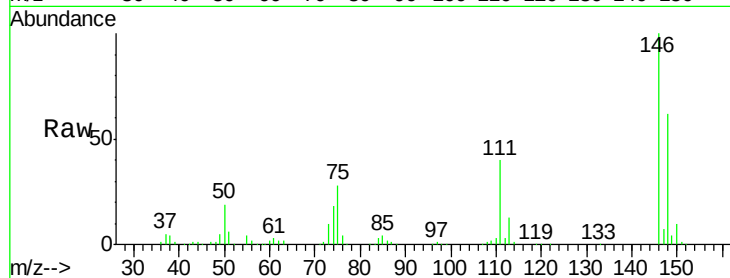
Tot Ion:146 Resp: 242169

Ion Ratio Lower Upper

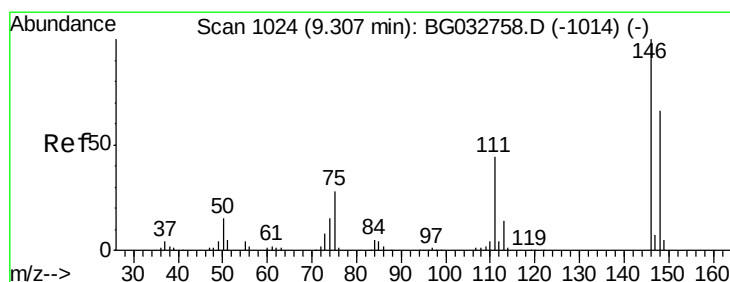
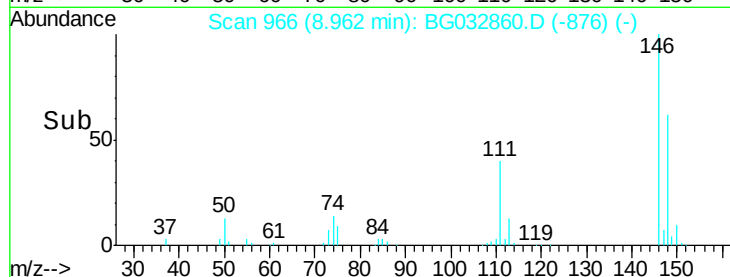
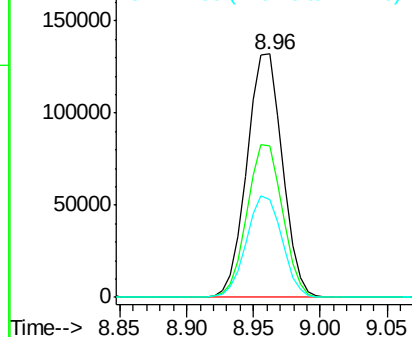
146 100

148 62.2 53.7 80.5

111 40.1 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: 41.95 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

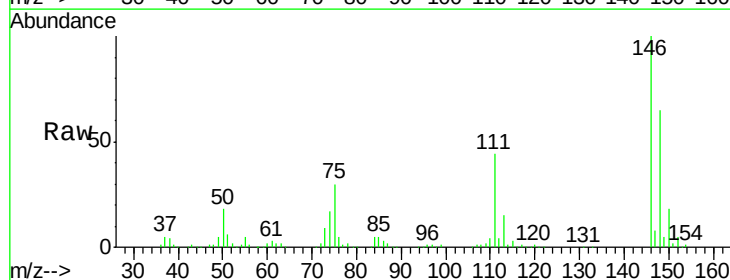
Tgt Ion:146 Resp: 231090

Ion Ratio Lower Upper

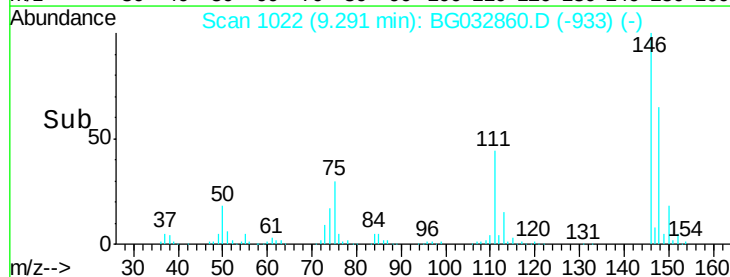
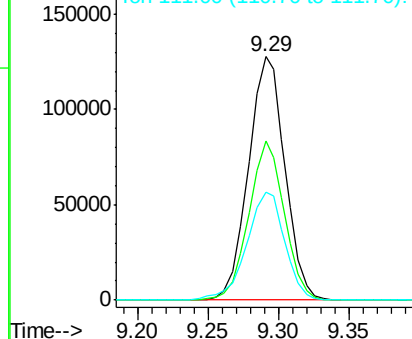
146 100

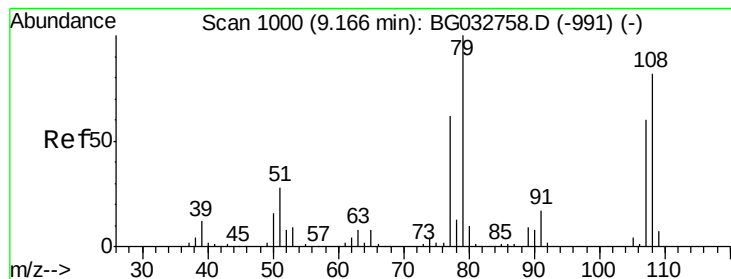
148 65.4 49.3 73.9

111 44.3 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 45.89 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

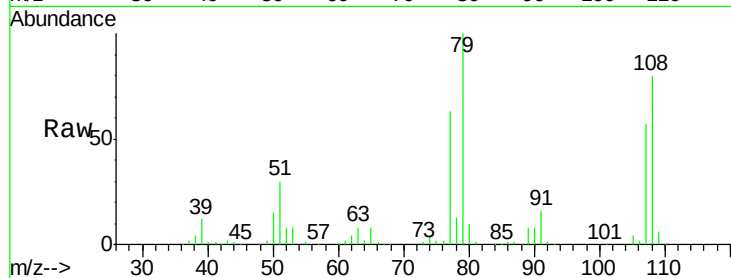
Tot Ion: 79 Resp: 209494

Ion Ratio Lower Upper

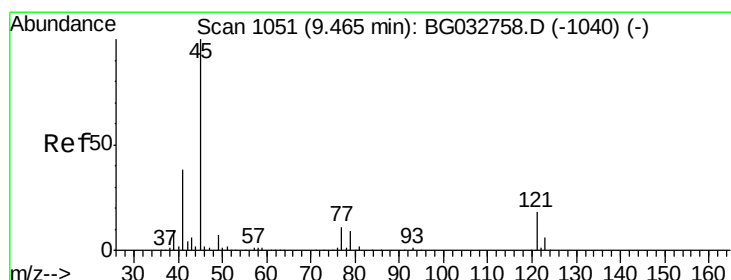
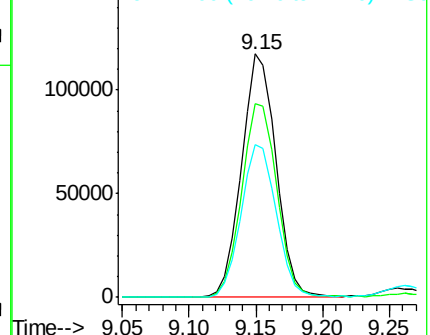
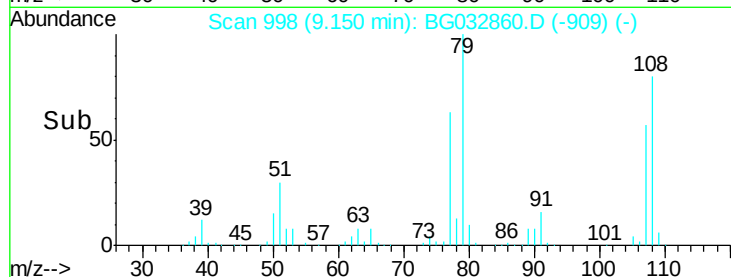
79 100

108 79.7 57.2 85.8

77 62.6 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.43 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

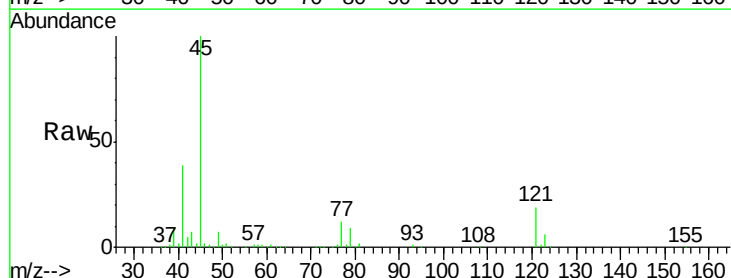
Tgt Ion: 45 Resp: 364581

Ion Ratio Lower Upper

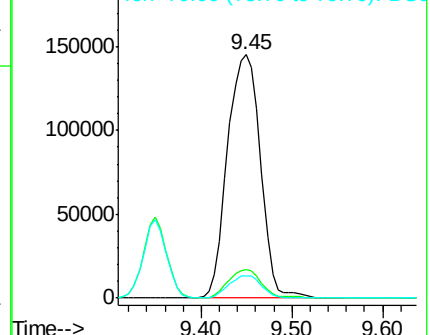
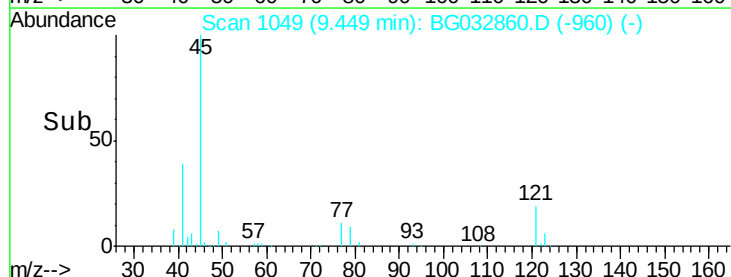
45 100

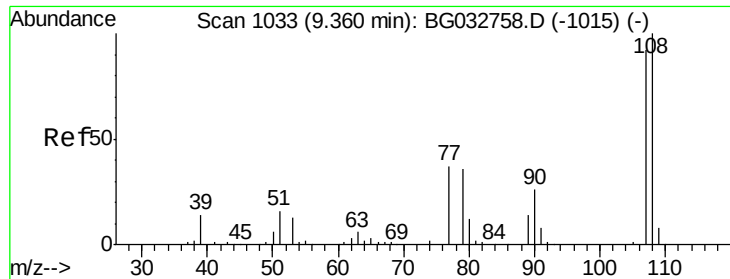
77 11.9 0.0 30.2

79 9.3 0.0 27.9



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





#17

2-Methylphenol

Concen: 43.89 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 202575

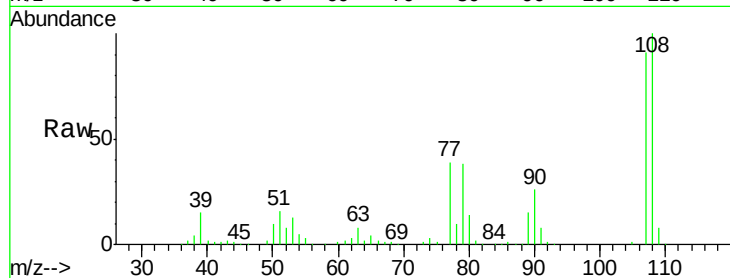
Ion Ratio Lower Upper

107 100

108 110.4 83.9 125.9

77 42.7 37.2 55.8

79 41.5 36.2 54.2

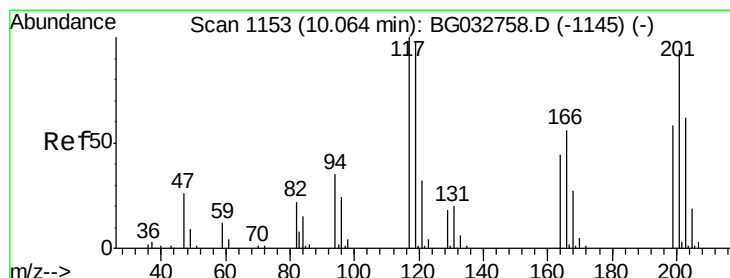
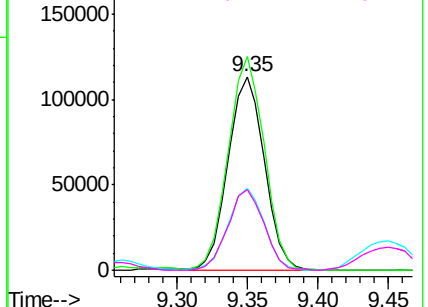
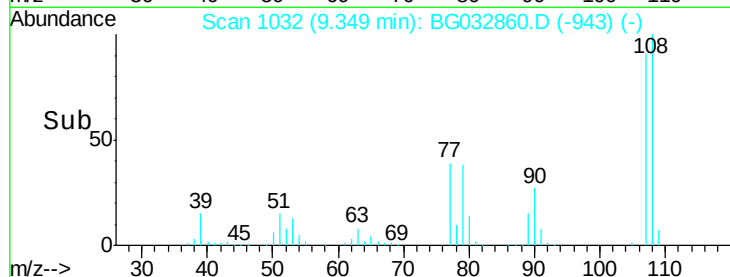


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.67 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

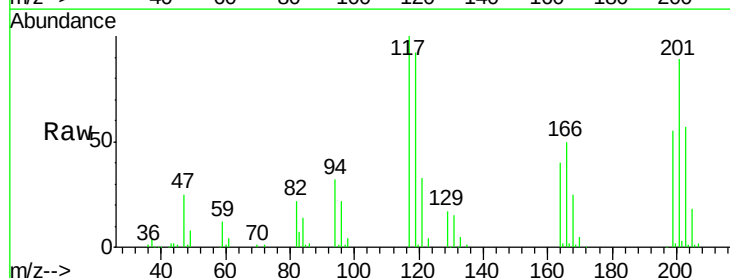
Tgt Ion:117 Resp: 87429

Ion Ratio Lower Upper

117 100

119 92.3 76.7 115.1

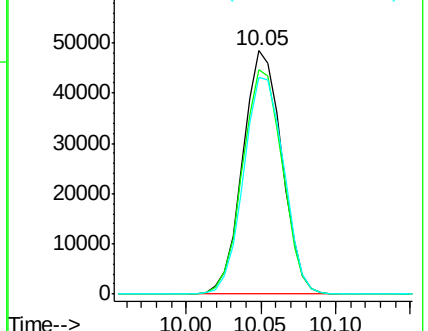
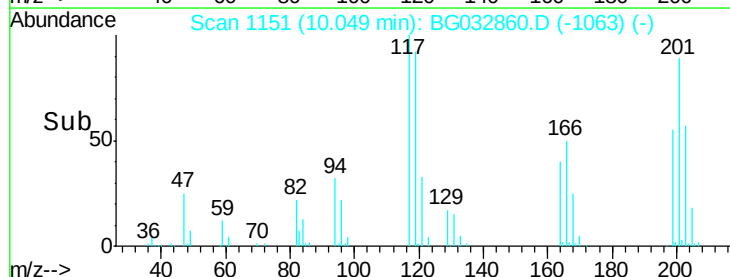
201 89.2 95.7 143.5#

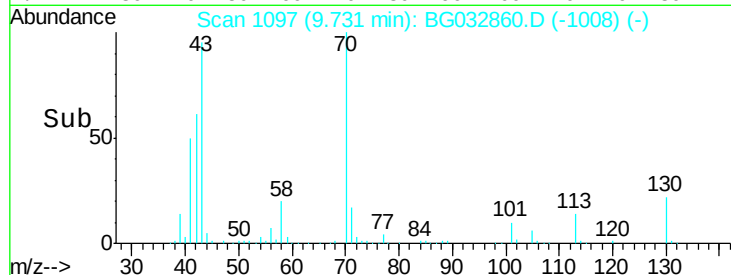
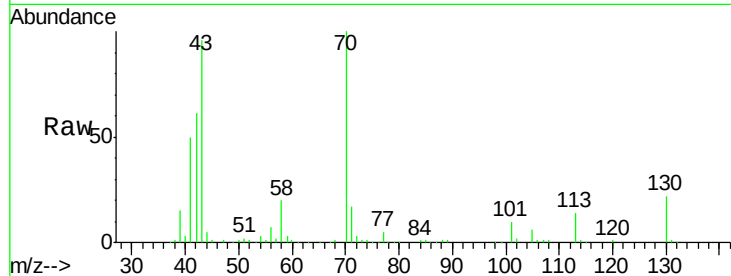
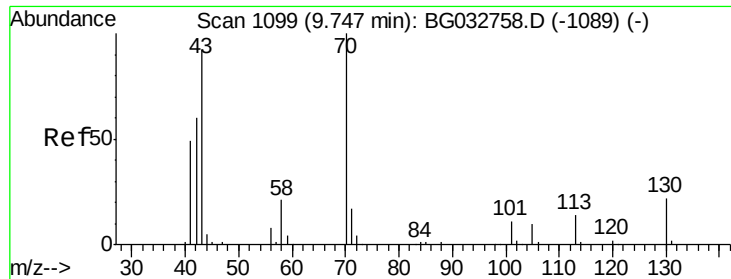


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

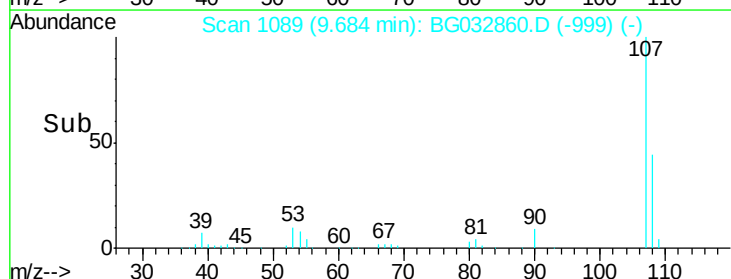
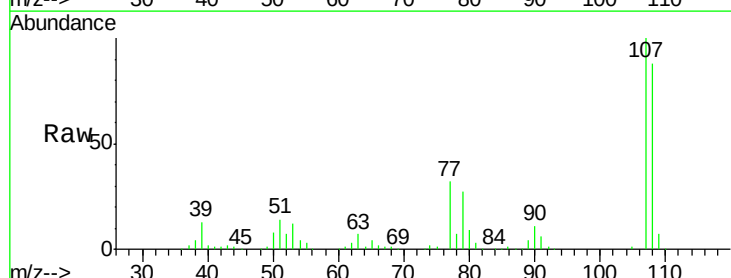
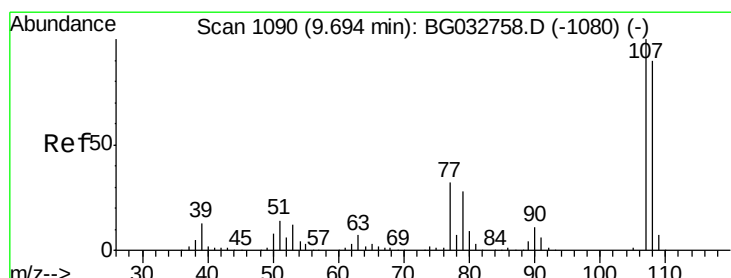
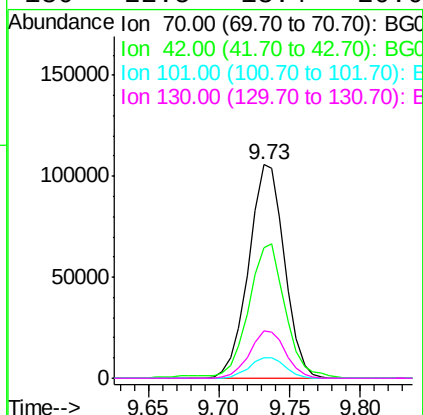




#19
n-Nitroso-di-n-propylamine
Concen: 42.95 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

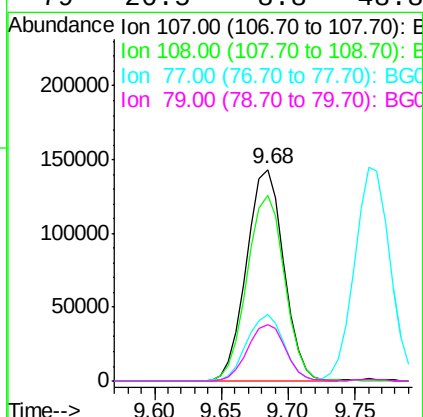
Instrument :
BNA_G
ClientSampleId :

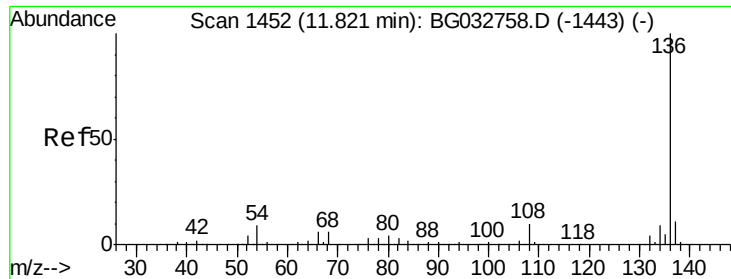
Tot Ion: 70 Resp: 188272
Ion Ratio Lower Upper
70 100
42 60.9 49.1 73.7
101 9.8 8.5 12.7
130 22.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.08 ng
RT: 9.68 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion: 107 Resp: 276478
Ion Ratio Lower Upper
107 100
108 88.0 61.6 101.6
77 31.7 13.9 53.9
79 26.5 8.8 48.8

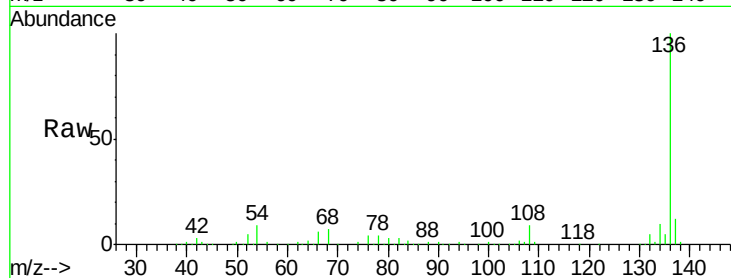




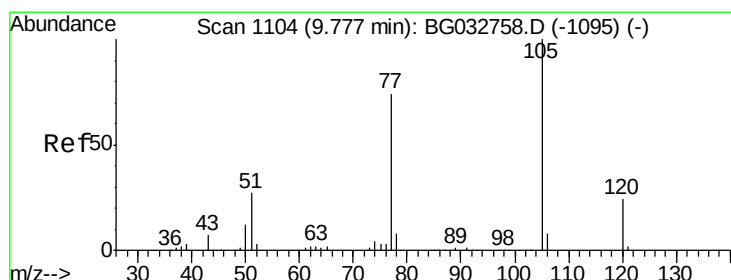
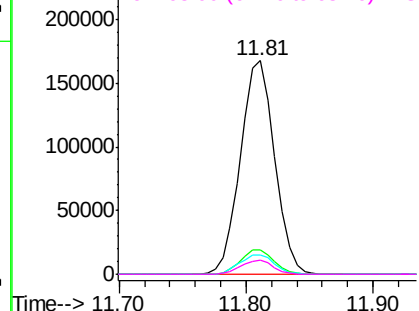
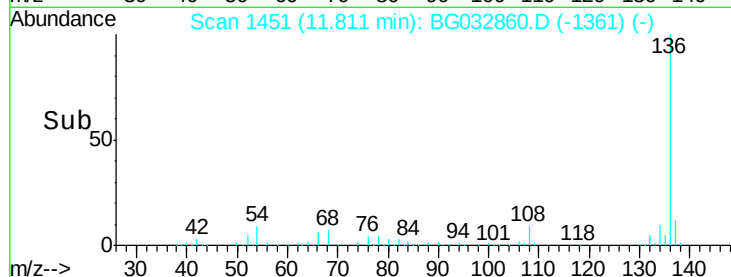
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	312537
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	9.2	10.3 15.5#
68	6.7	4.5 6.7

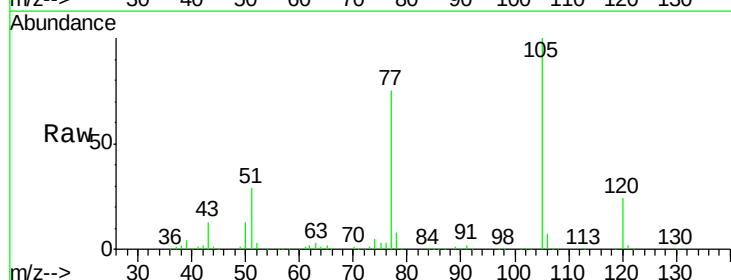


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

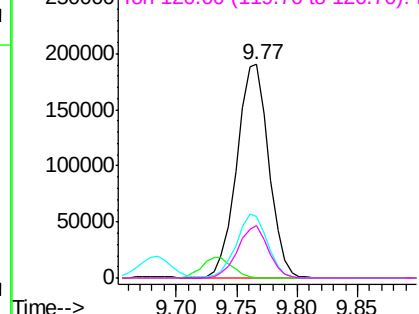
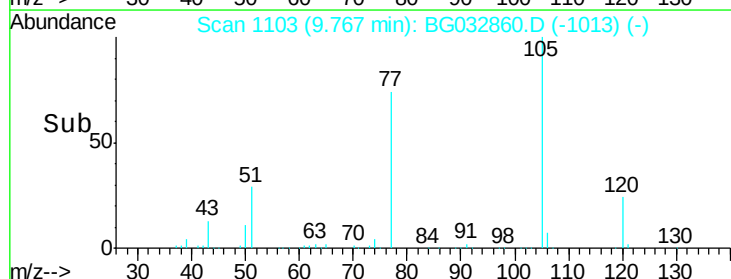


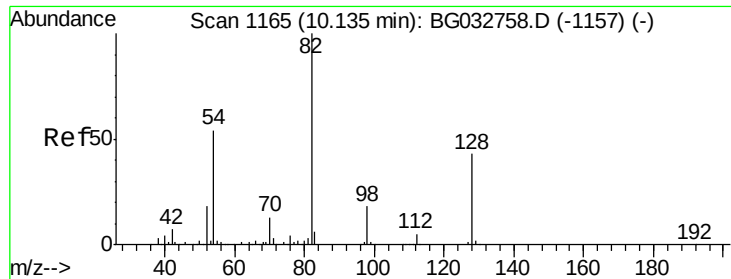
#22
Acetophenone
Concen: 44.53 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:105	Resp:	351498
Ion Ratio	Lower	Upper
105	100	
71	0.2	3.0 4.4#
51	28.9	26.1 39.1
120	24.4	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

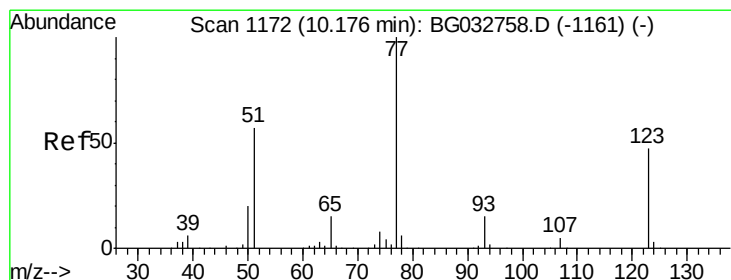
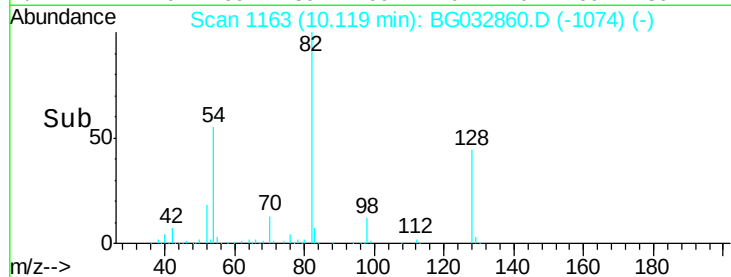
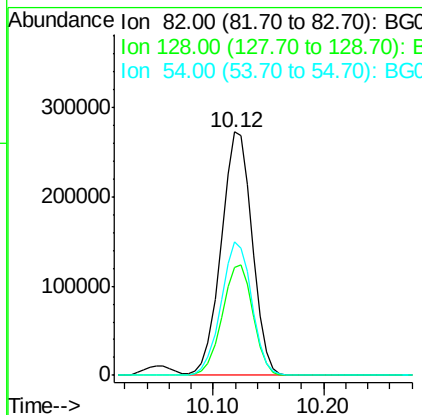
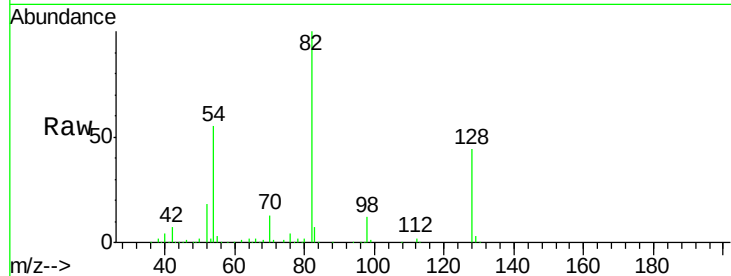




#23
 Nitrobenzene-d5
 Concen: 114.50 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

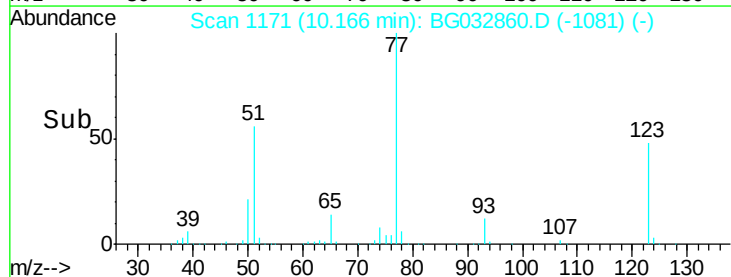
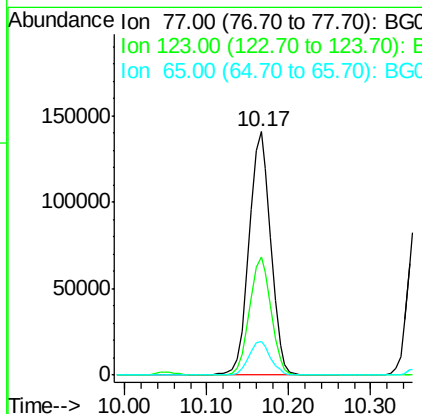
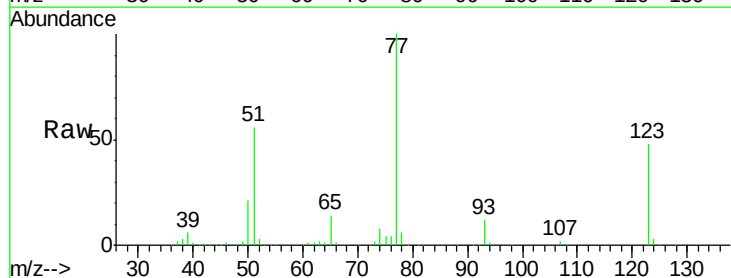
Instrument :
 BNA_G
 ClientSampleId :

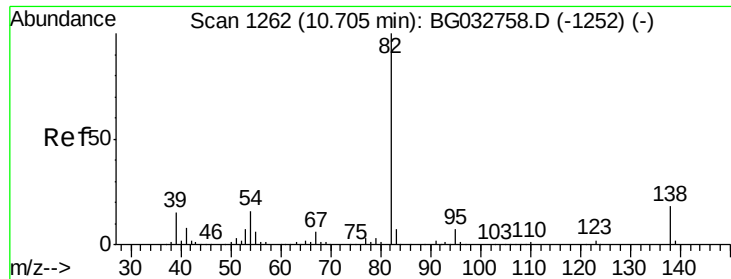
Tot Ion: 82 Resp: 533217
 Ion Ratio Lower Upper
 82 100
 128 44.4 29.7 44.5
 54 54.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 51.36 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion: 77 Resp: 258551
 Ion Ratio Lower Upper
 77 100
 123 48.3 33.0 49.6
 65 13.9 13.0 19.6





#25

Isophorone

Concen: 47.39 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

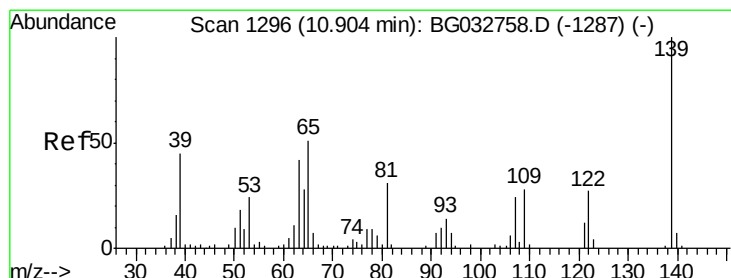
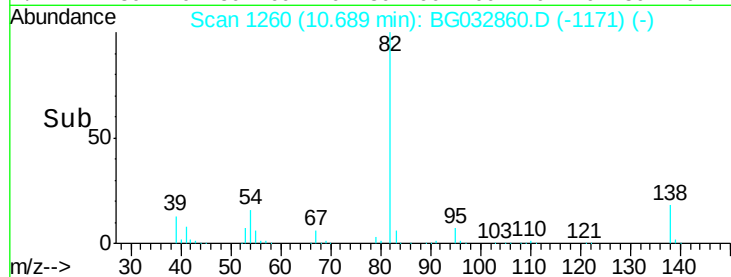
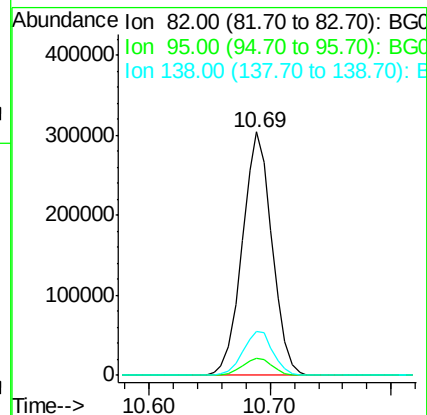
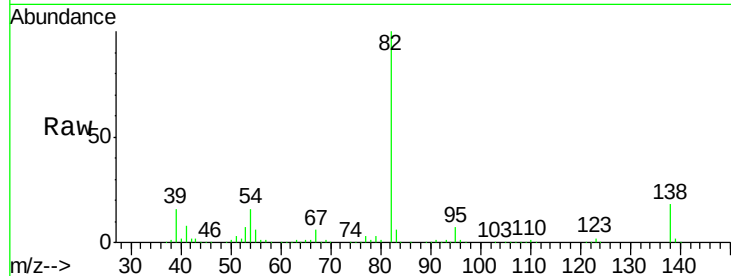
Tot Ion: 82 Resp: 519819

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 18.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 63.06 ng

RT: 10.89 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

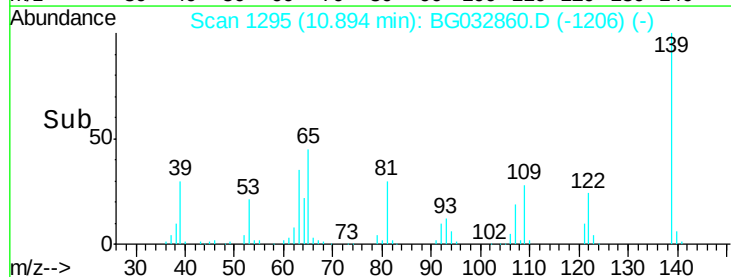
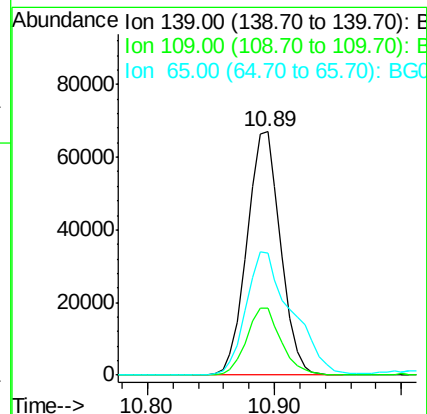
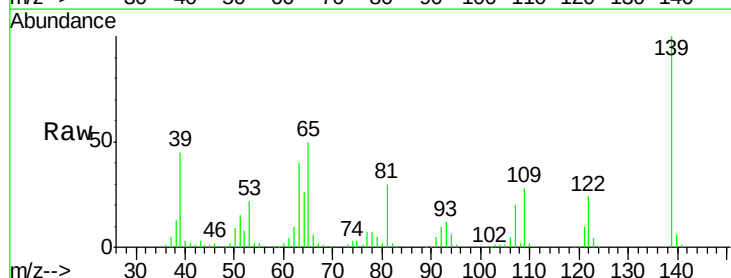
Tgt Ion: 139 Resp: 123475

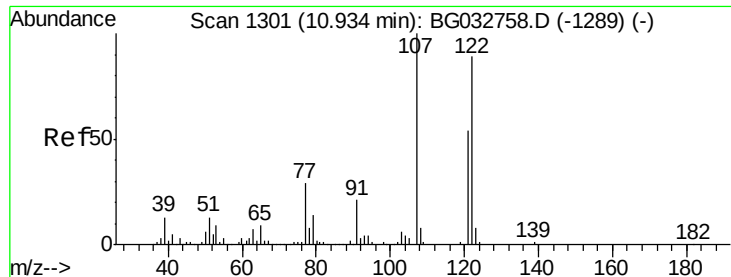
Ion Ratio Lower Upper

139 100

109 27.5 24.2 36.2

65 50.2 47.4 71.0

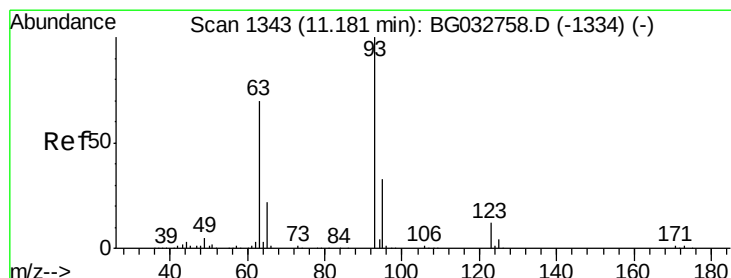
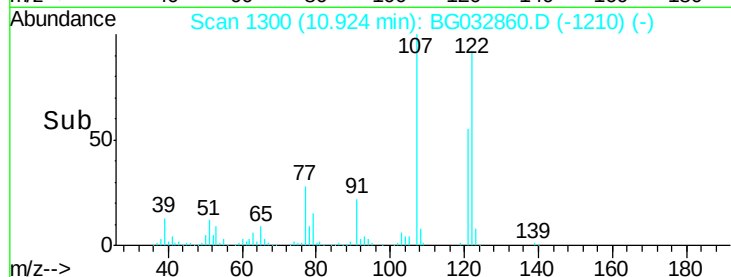
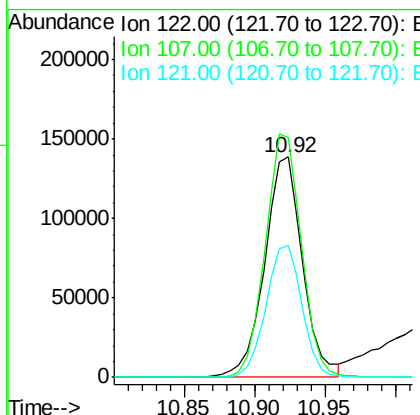
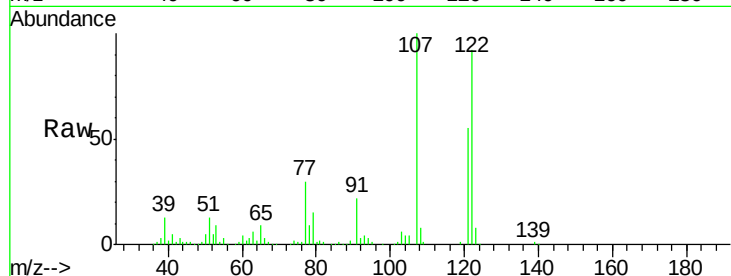




#27
2,4-Dimethylphenol
Concen: 54.89 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

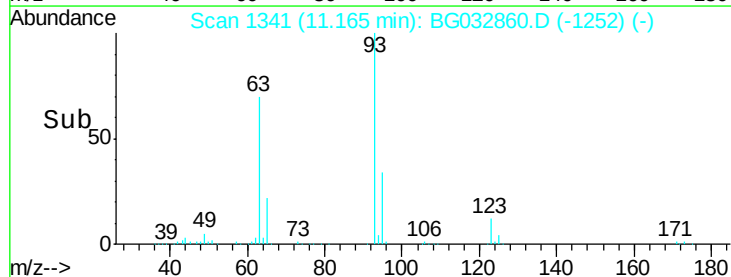
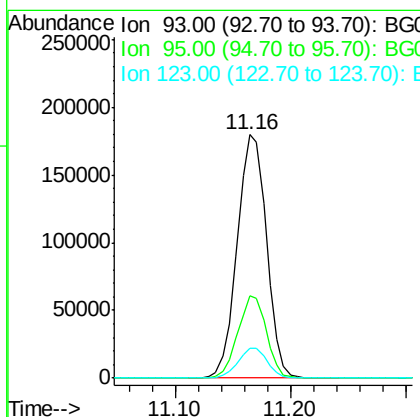
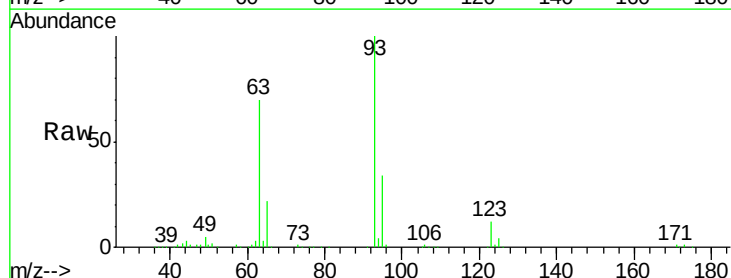
Instrument :
BNA_G
ClientSampleId :

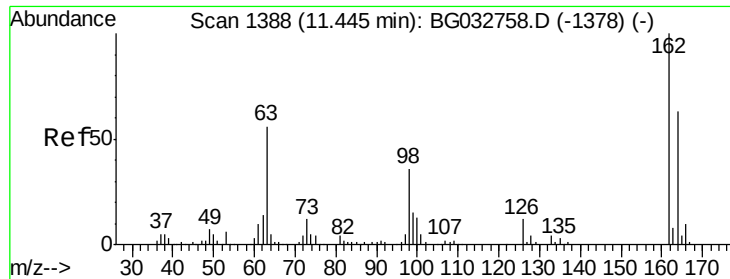
Tot Ion:122 Resp: 261584
Ion Ratio Lower Upper
122 100
107 109.0 100.2 150.2
121 59.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.26 ng
RT: 11.16 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion: 93 Resp: 314799
Ion Ratio Lower Upper
93 100
95 33.6 24.3 36.5
123 12.0 8.4 12.6

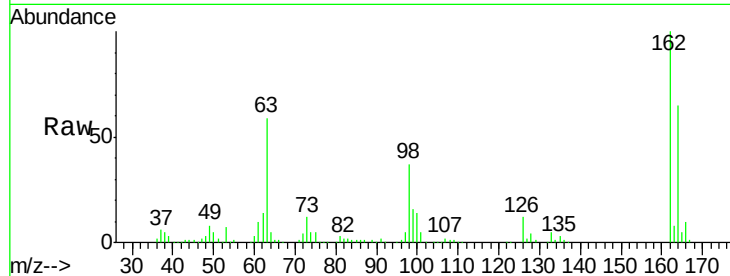




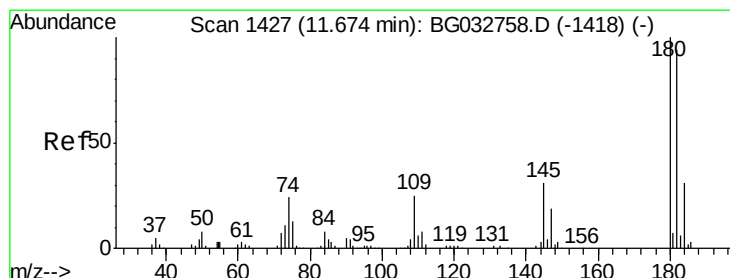
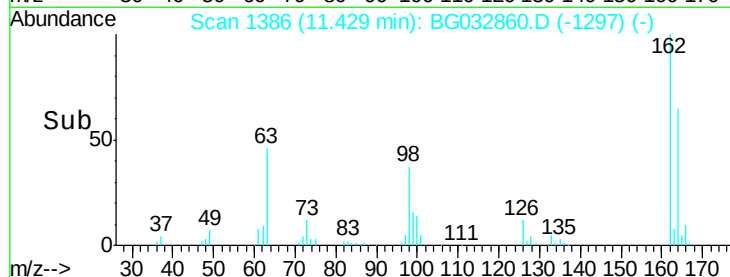
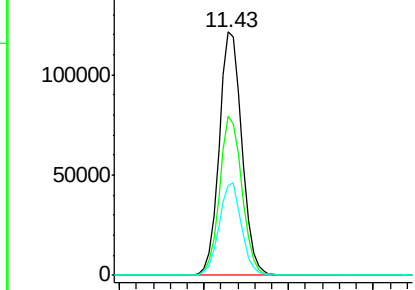
#29
 2,4-Dichlorophenol
 Concen: 52.45 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.0	88.0
98	37.1	21.1	61.1

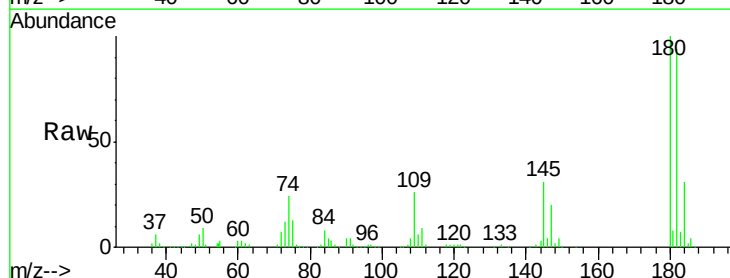


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

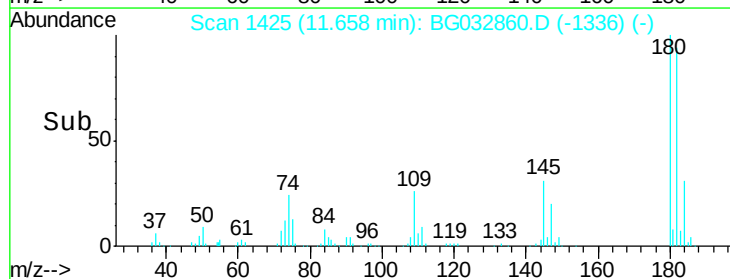
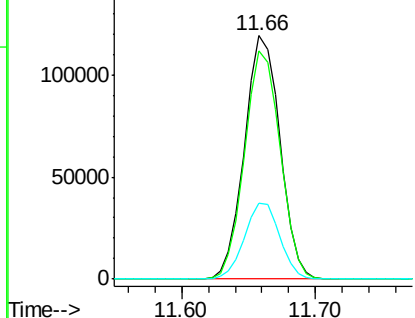


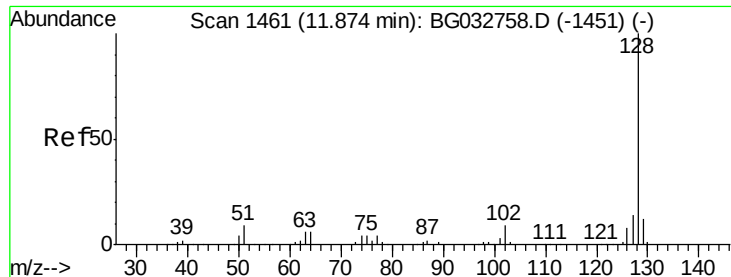
#30
 1,2,4-Trichlorobenzene
 Concen: 43.32 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.5	116.3
145	31.1	23.4	35.2



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

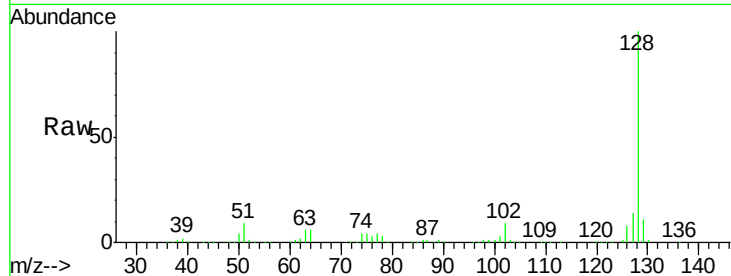




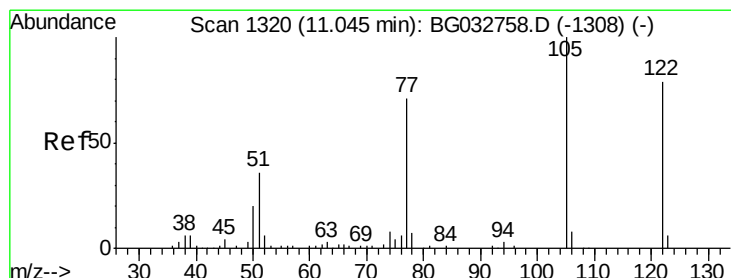
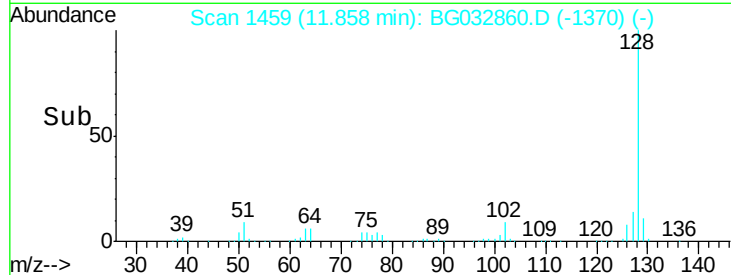
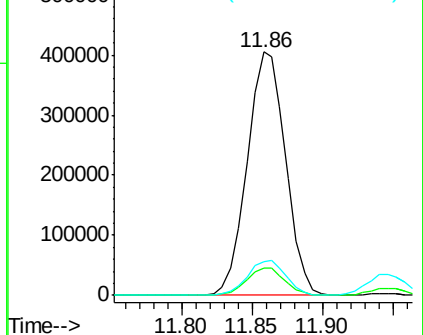
#31
Naphthalene
Concen: 47.17 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 770266
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.0 11.6 17.4

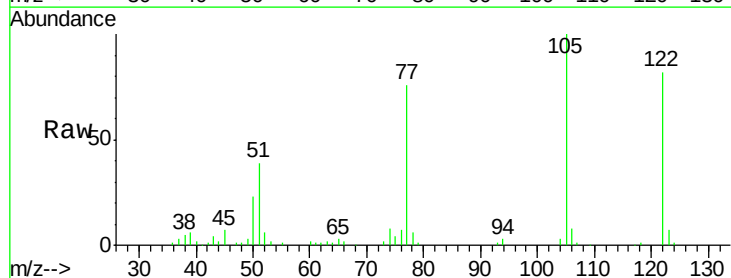


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

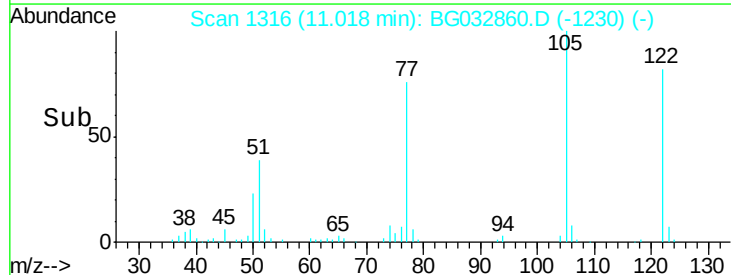
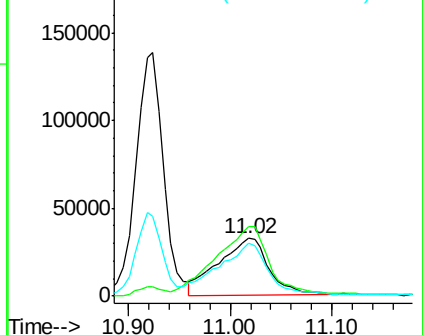


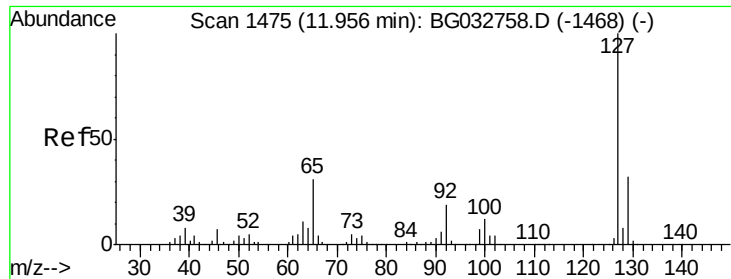
#32
Benzoic acid
Concen: 40.53 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:122 Resp: 111383
Ion Ratio Lower Upper
122 100
105 121.7 123.5 163.5#
77 92.5 85.7 125.7



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

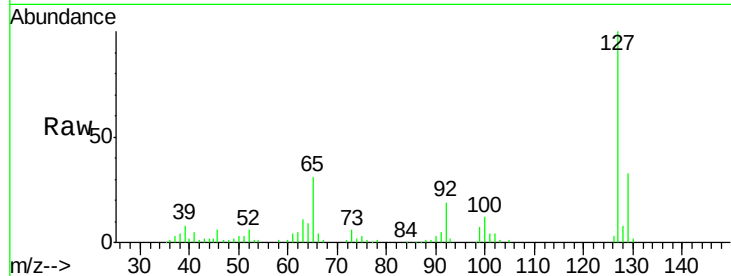




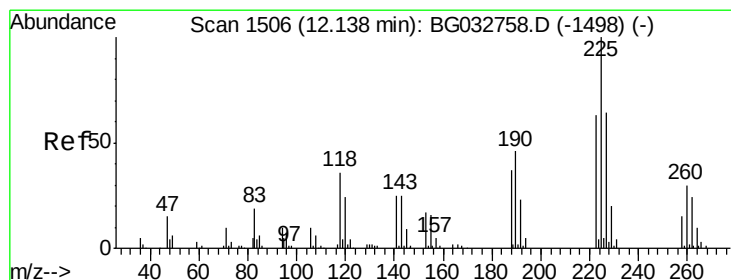
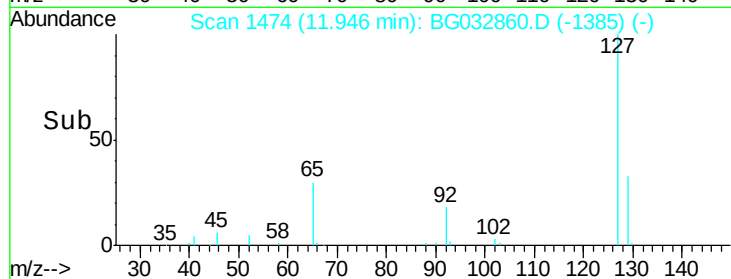
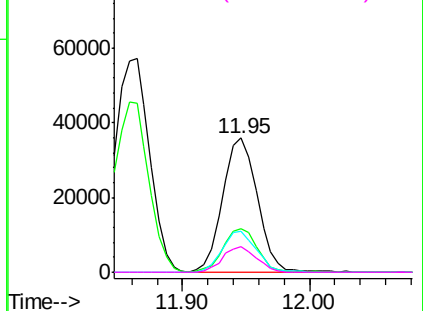
#33
4-Chloroaniline
Concen: 9.35 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	68292
Ion Ratio	Lower	Upper
127	100	
129	32.5	24.0 36.0
65	30.7	27.0 40.4
92	18.7	16.6 25.0

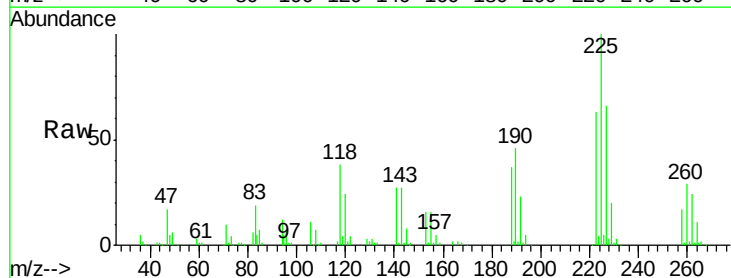


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

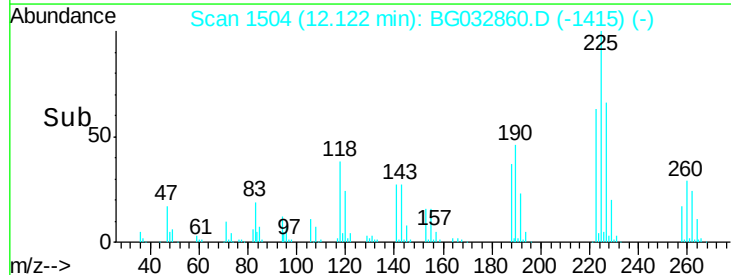
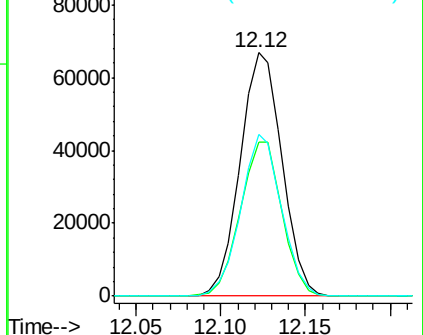


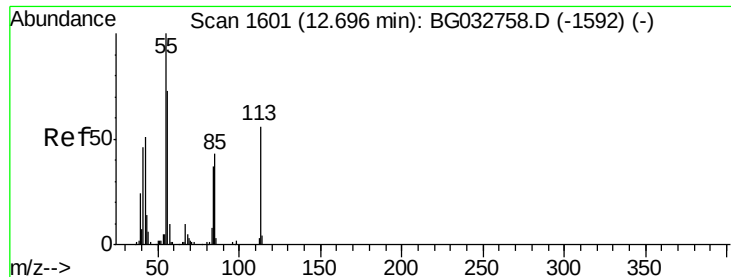
#34
Hexachlorobutadiene
Concen: 40.32 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:225	Resp:	114675
Ion Ratio	Lower	Upper
225	100	
223	63.0	49.7 74.5
227	66.4	48.1 72.1



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

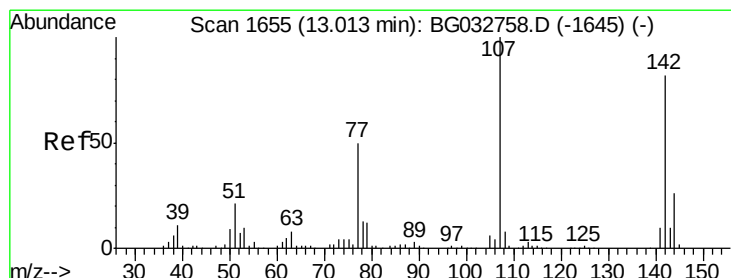
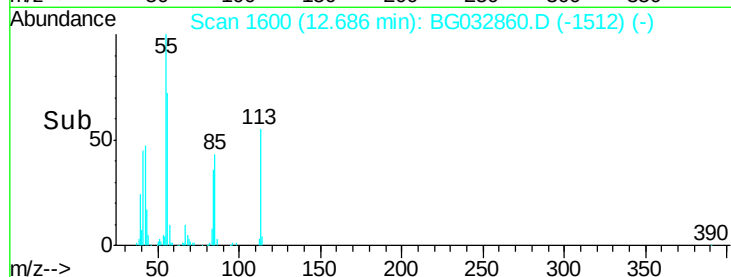
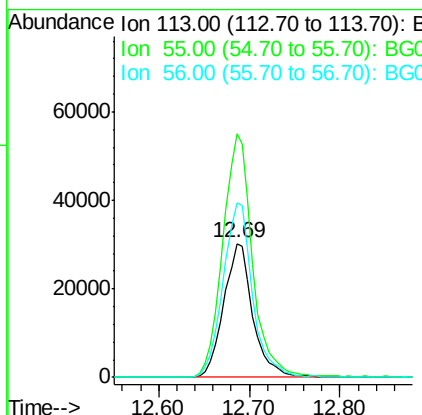
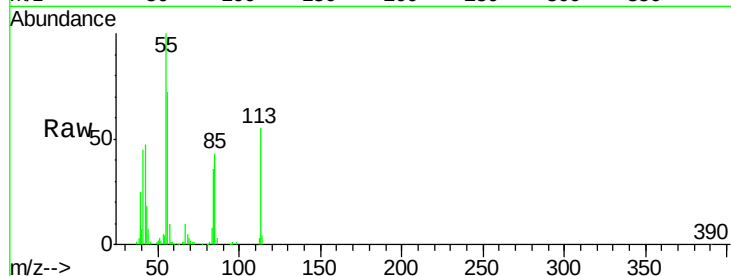




#35
 Caprolactam
 Concen: 38.88 ng
 RT: 12.69 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

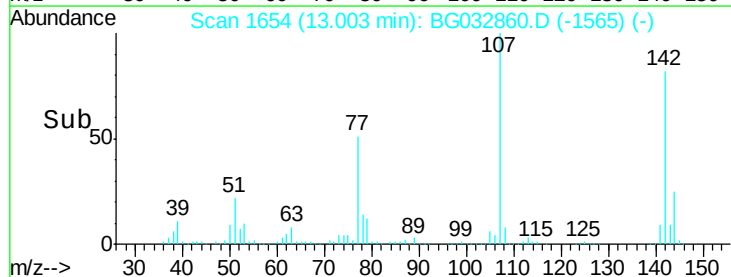
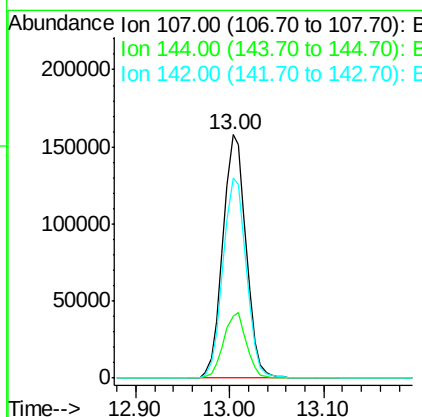
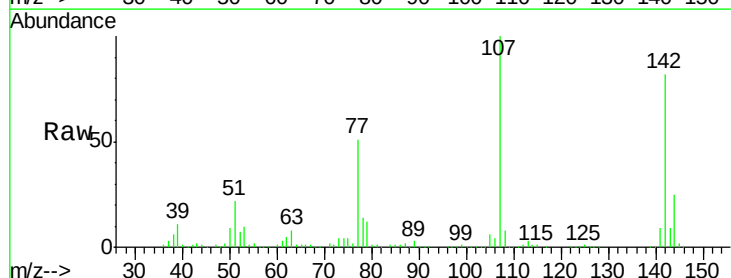
Instrument :
 BNA_G
 ClientSampleId :

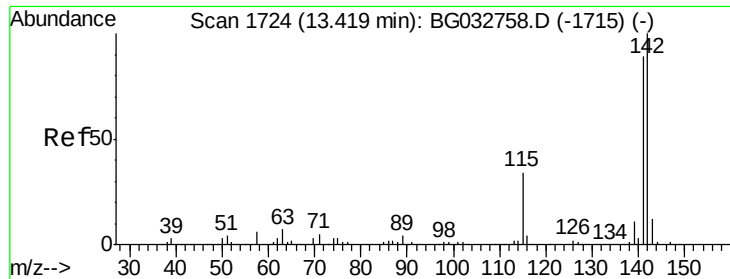
Tot Ion:113 Resp: 67335
 Ion Ratio Lower Upper
 113 100
 55 182.1 186.9 226.9#
 56 130.7 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 54.33 ng
 RT: 13.00 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:107 Resp: 273441
 Ion Ratio Lower Upper
 107 100
 144 25.3 18.2 27.4
 142 82.3 59.0 88.4

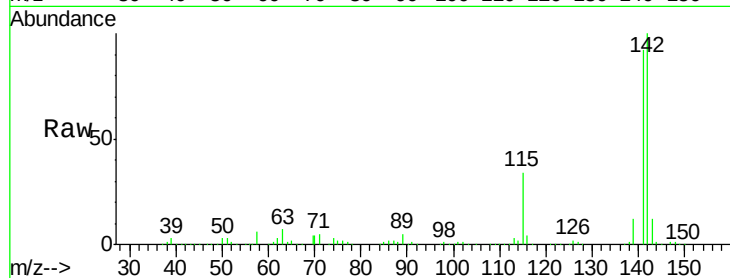




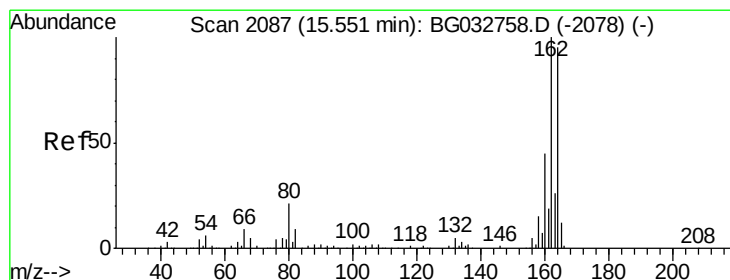
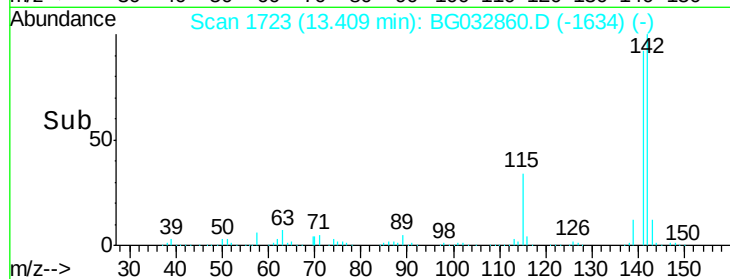
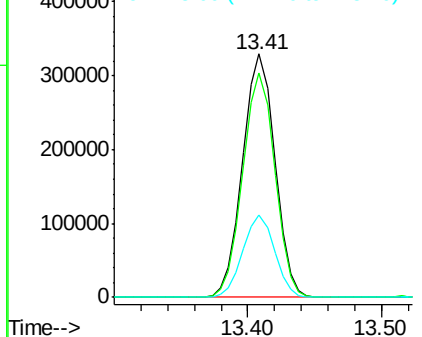
#37
2-Methylnaphthalene
Concen: 46.68 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 551536
Ion Ratio Lower Upper
142 100
141 92.4 67.1 100.7
115 34.0 30.7 46.1

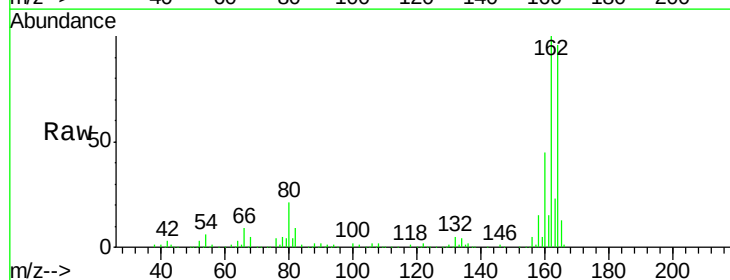


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

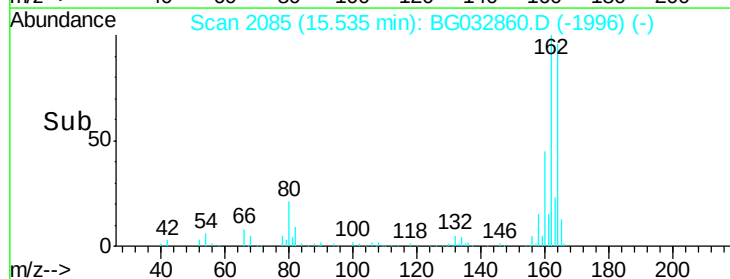
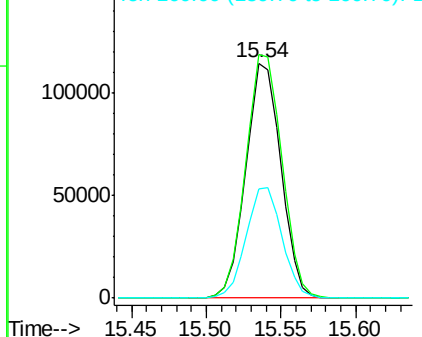


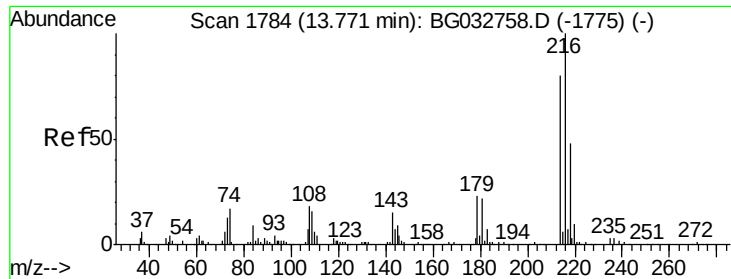
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:164 Resp: 185291
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 46.4 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.38 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032860.D

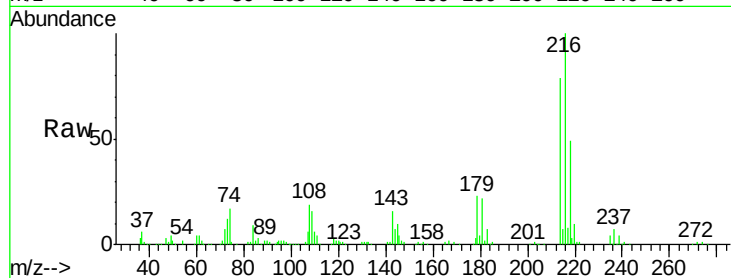
Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	227632
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.8	17.0	25.6
108	23.0	12.8	19.2#

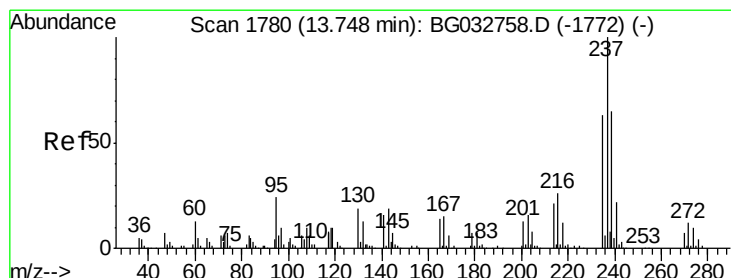
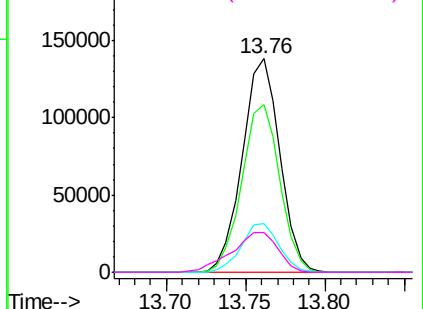
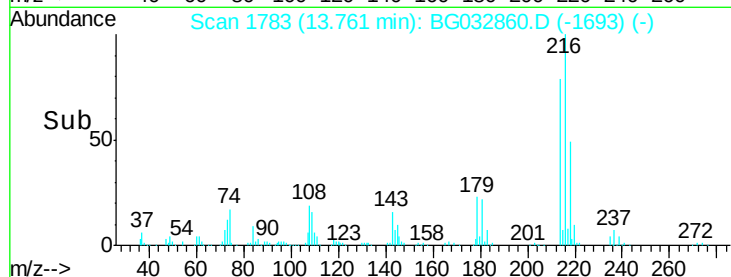


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.35 ng

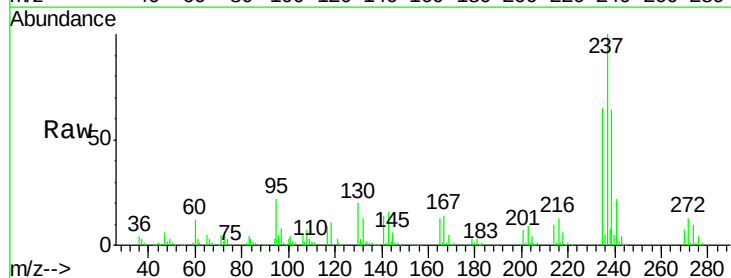
RT: 13.74 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

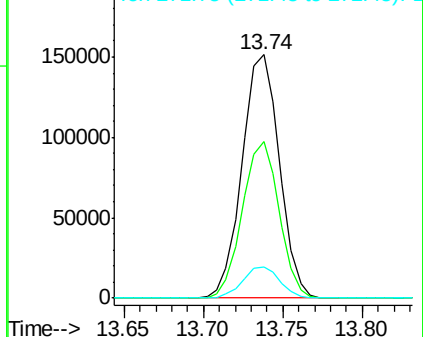
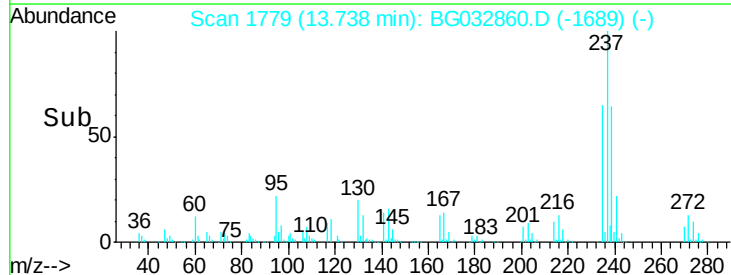
Tgt Ion:	237	Resp:	247676
Ion	Ratio	Lower	Upper
237	100		
235	64.5	50.4	90.4
272	12.7	0.0	31.8

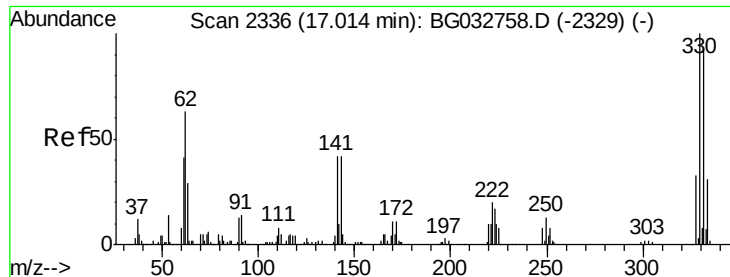


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

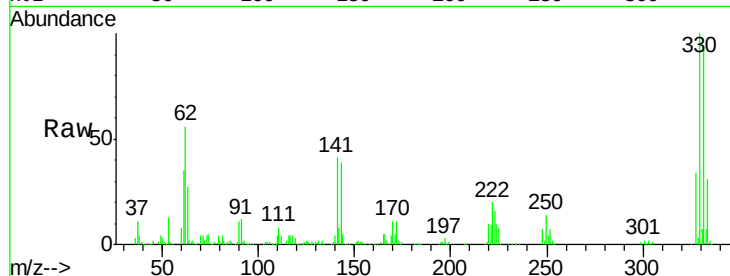




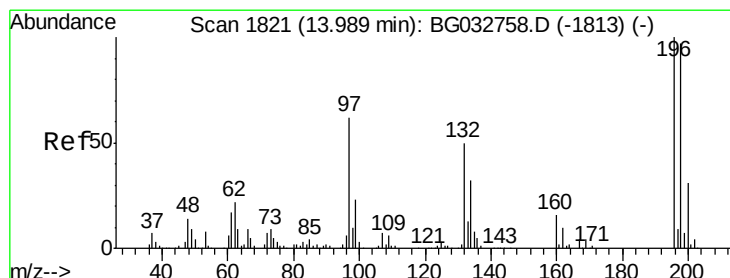
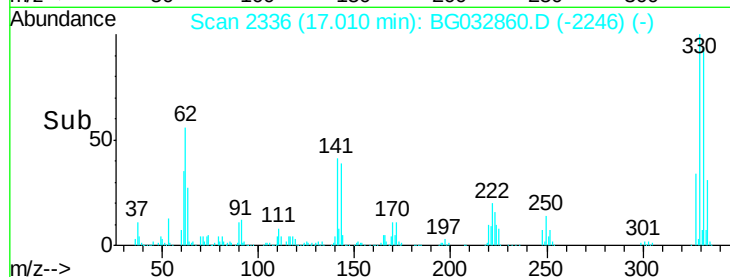
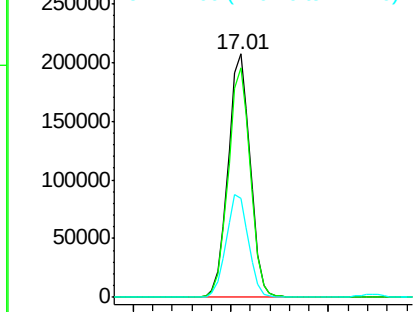
#41
 2,4,6-Tribromophenol
 Concen: 166.70 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 324782
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 42.7 25.2 37.8#

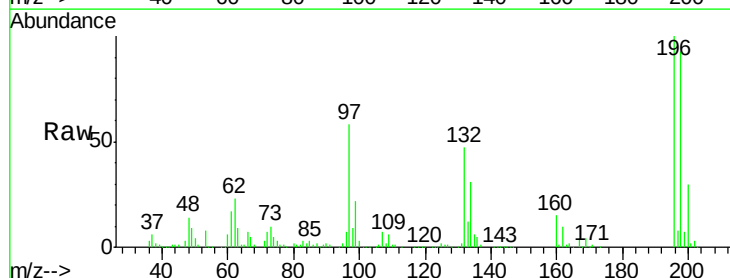


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

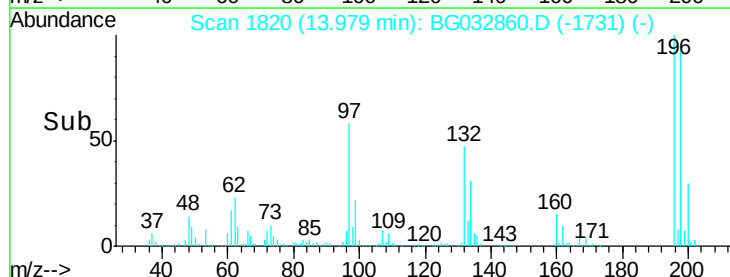
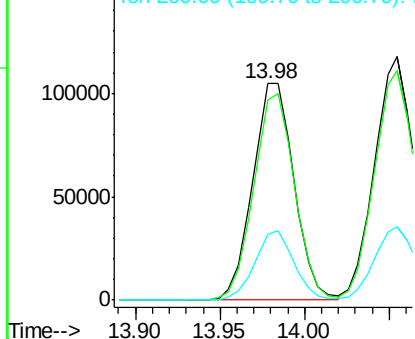


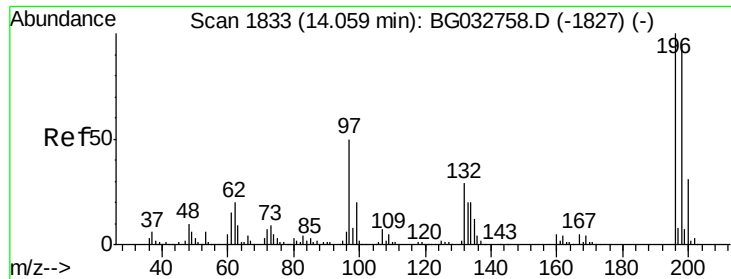
#42
 2,4,6-Trichlorophenol
 Concen: 51.11 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:196 Resp: 177295
 Ion Ratio Lower Upper
 196 100
 198 92.5 78.2 117.2
 200 30.1 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

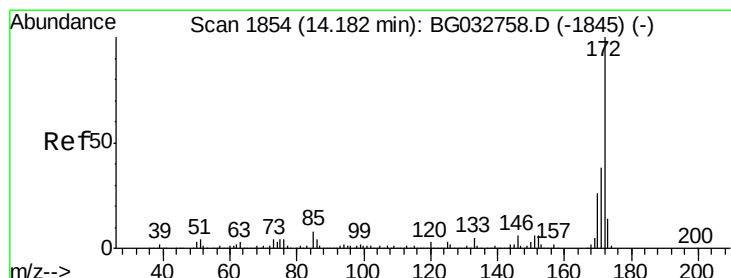
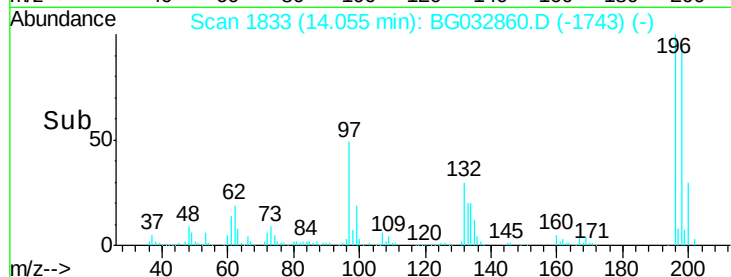
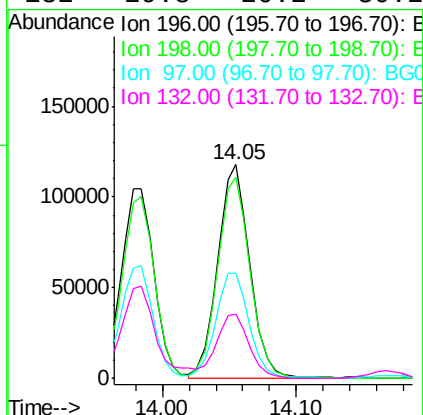
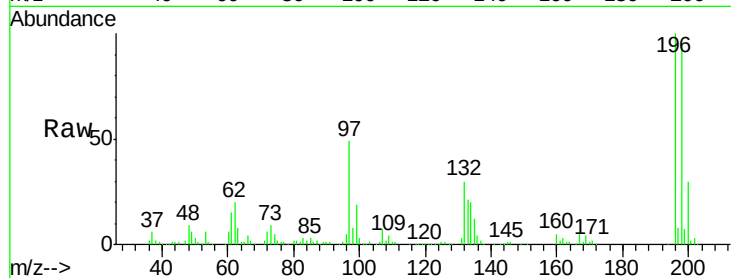




#43
 2,4,5-Trichlorophenol
 Concen: 49.08 ng
 RT: 14.05 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

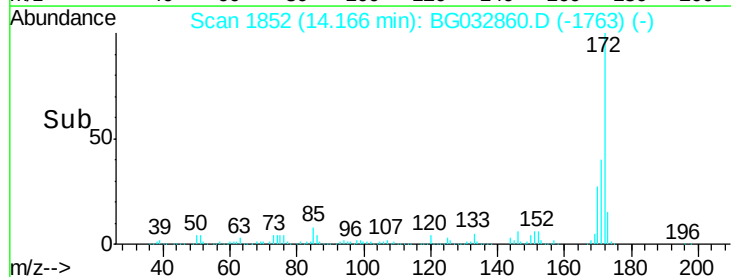
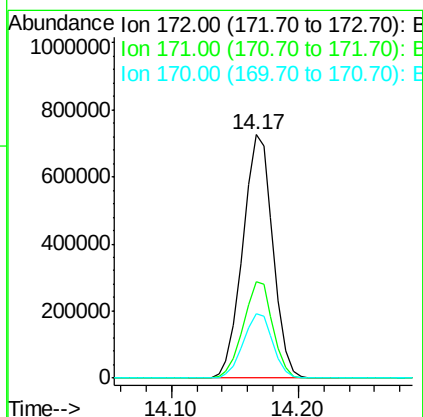
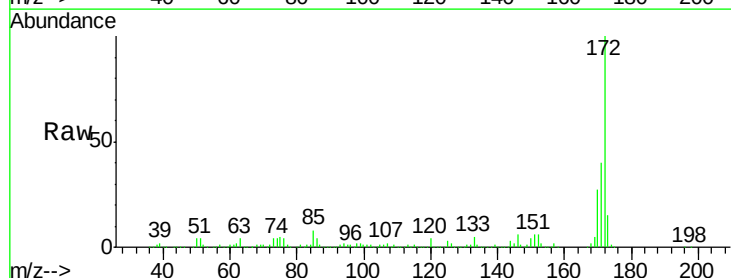
Instrument :
 BNA_G
 ClientSampled :

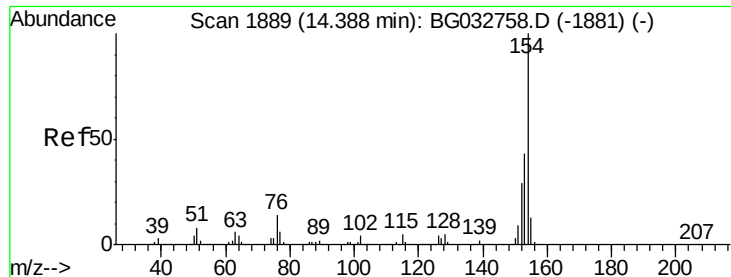
Tot Ion:196 Resp: 197033
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.2 114.4
 97 49.3 38.7 58.1
 132 29.8 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 92.77 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:172 Resp: 1191851
 Ion Ratio Lower Upper
 172 100
 171 39.8 30.0 45.0
 170 26.7 19.5 29.3

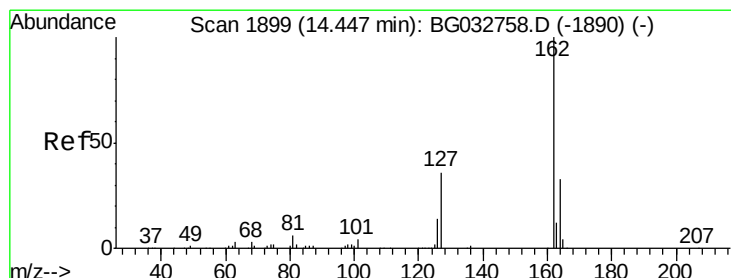
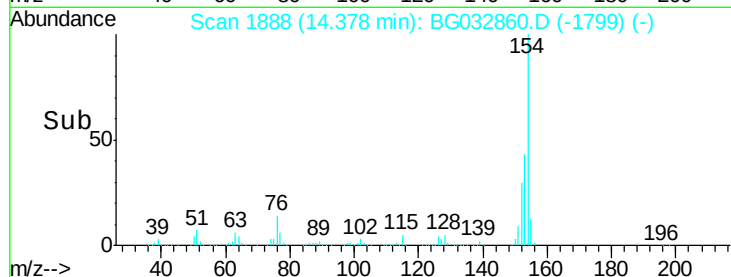
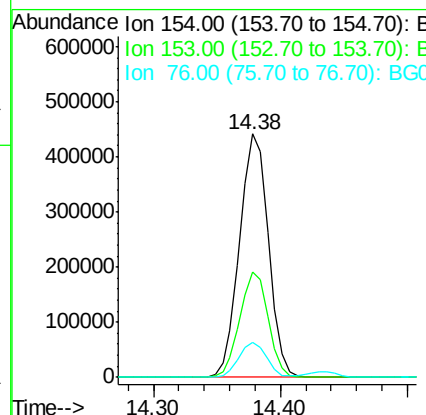
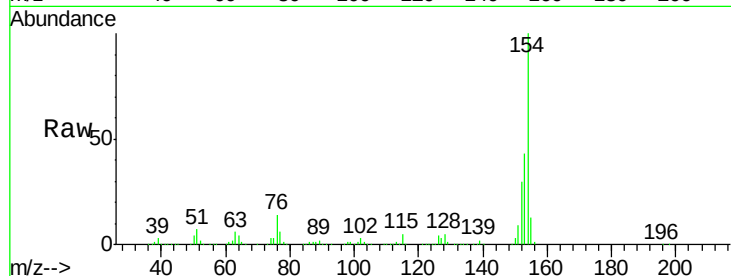




#45
1,1'-Biphenyl
Concen: 42.80 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

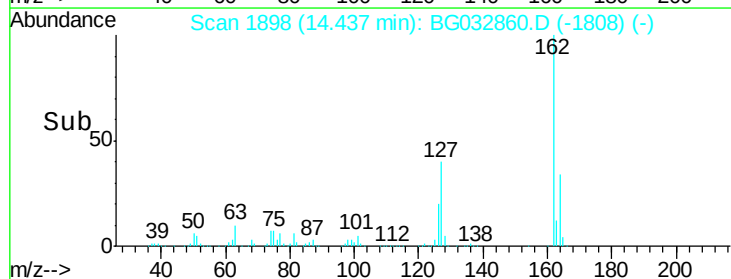
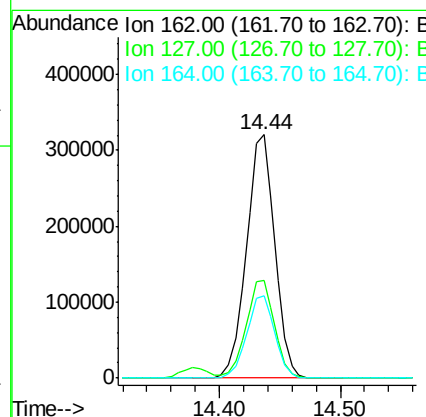
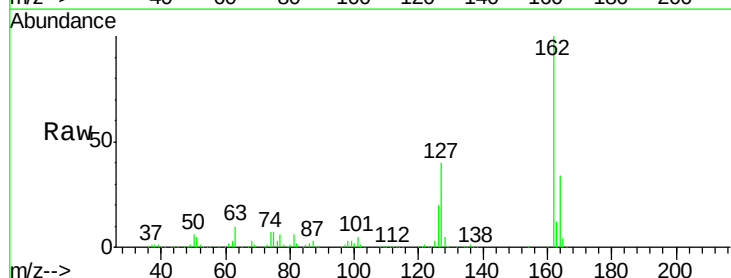
Instrument :
BNA_G
ClientSampled :

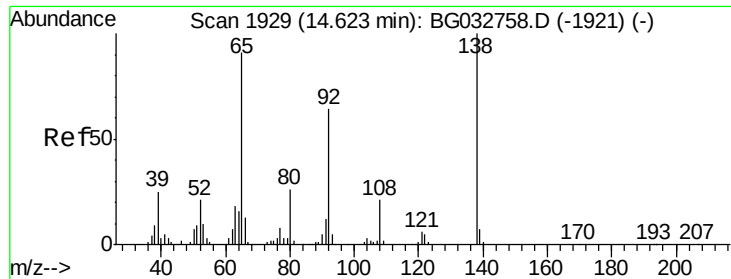
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.8	59.8
76	14.3	0.0	31.9



#46
2-Chloronaphthalene
Concen: 43.19 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	33.6	26.0	39.0

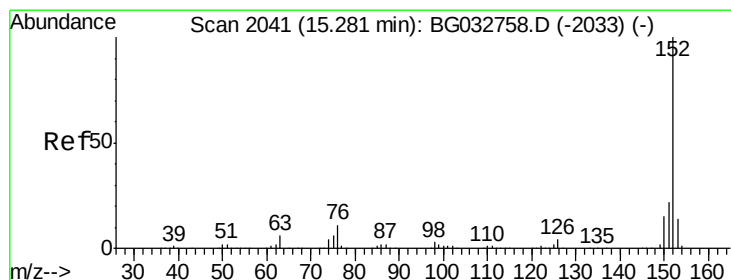
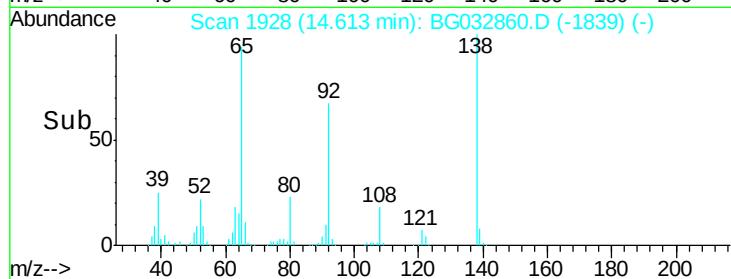
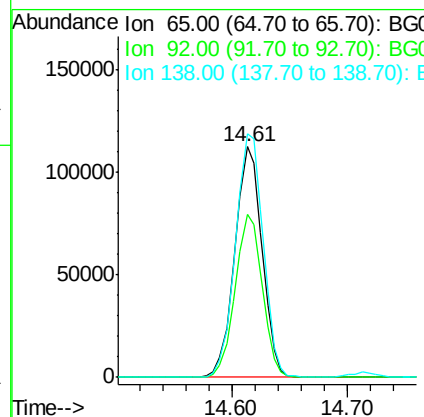
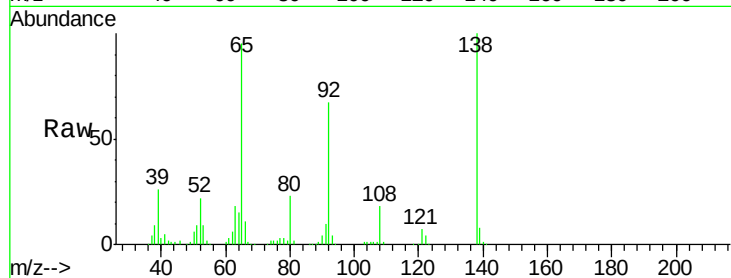




#47
 2-Nitroaniline
 Concen: 57.86 ng
 RT: 14.61 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

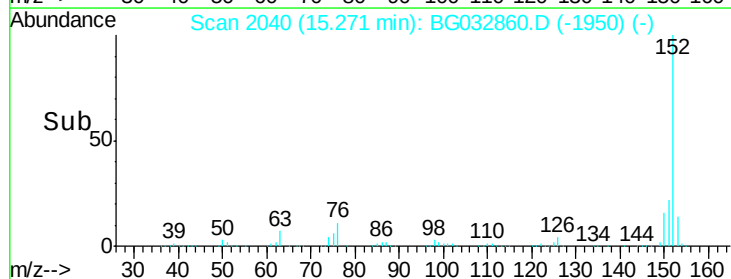
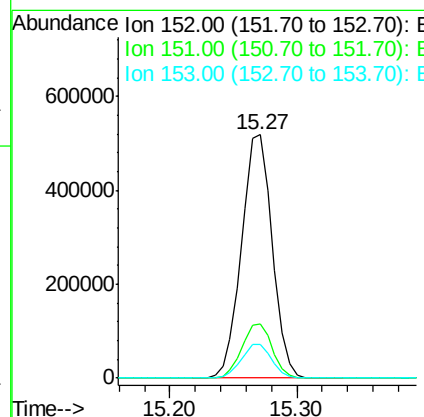
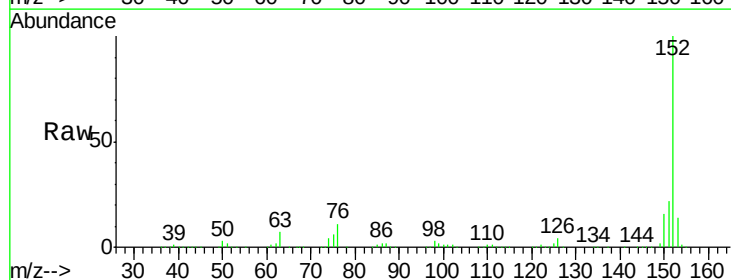
Instrument :
 BNA_G
 ClientSampleId :

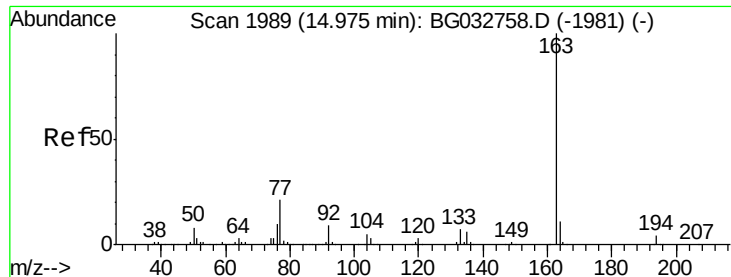
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	105.8	72.9	109.3



#48
 Acenaphthylene
 Concen: 43.87 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.2	25.8
153	13.8	10.2	15.4





#49

Dimethylphthalate

Concen: 45.07 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

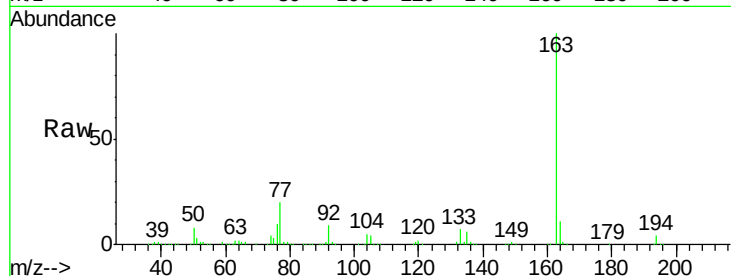
Tot Ion:163 Resp: 709141

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

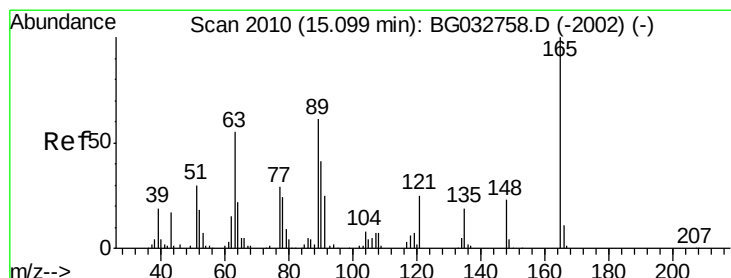
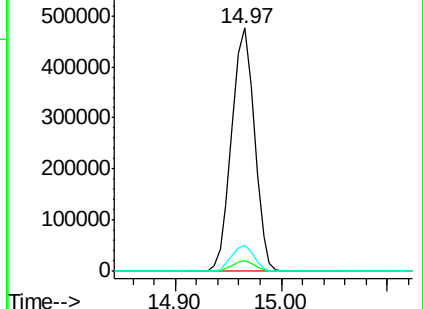
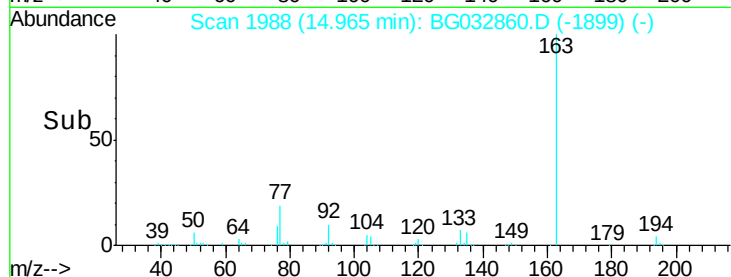
164 10.9 8.2 12.4



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: 58.25 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

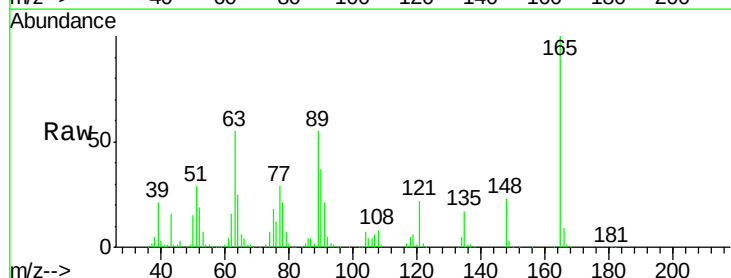
Tgt Ion:165 Resp: 157745

Ion Ratio Lower Upper

165 100

63 55.3 52.7 79.1

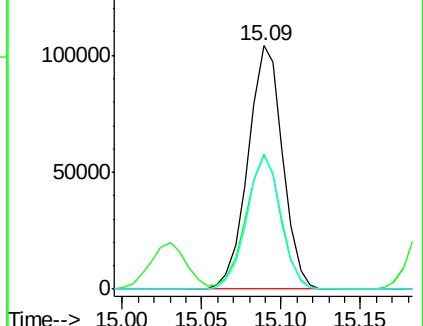
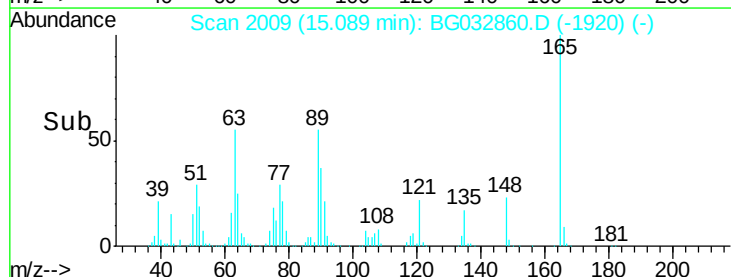
89 55.1 49.2 73.8

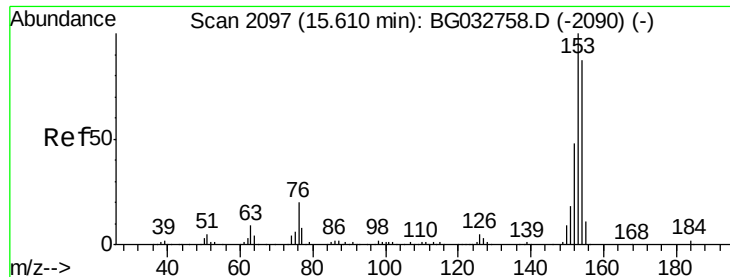


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.82 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

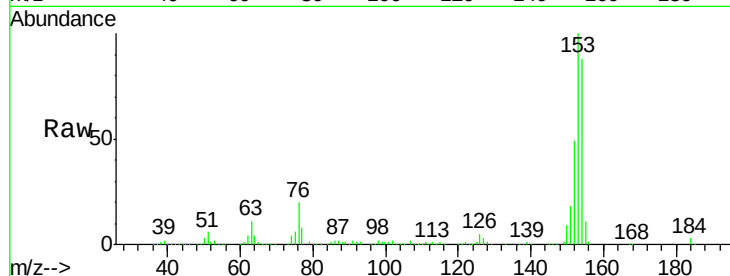
Tot Ion:154 Resp: 577368

Ion Ratio Lower Upper

154 100

153 113.4 90.4 135.6

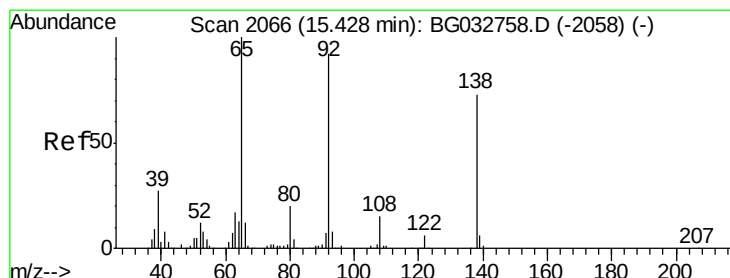
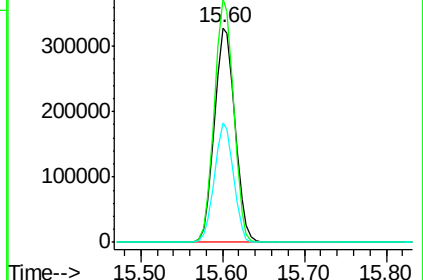
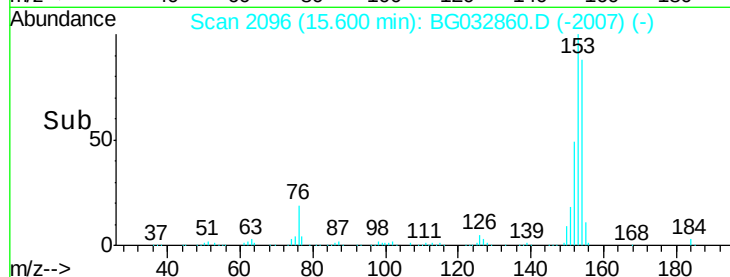
152 55.7 41.6 62.4



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: 26.05 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

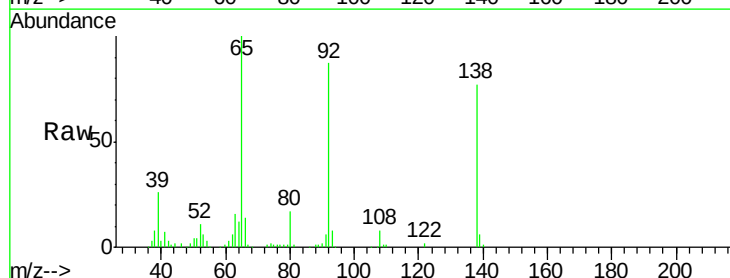
Tgt Ion:138 Resp: 70743

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

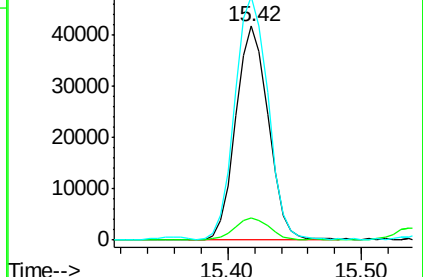
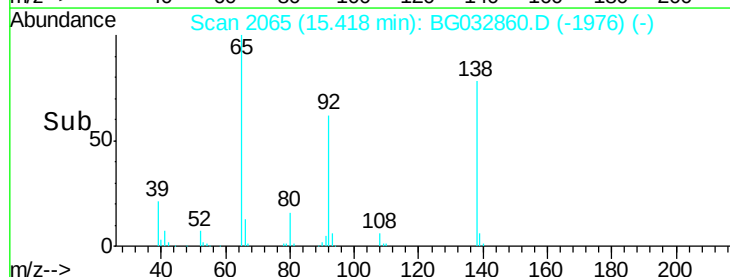
92 113.9 105.8 158.8

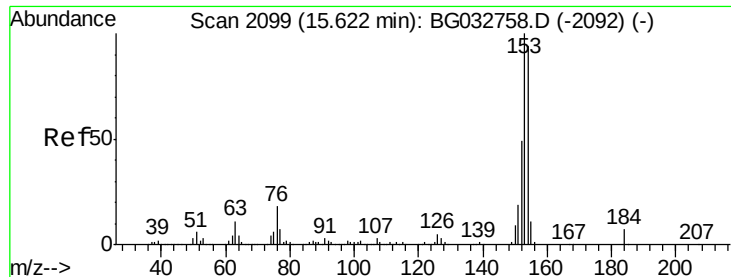


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

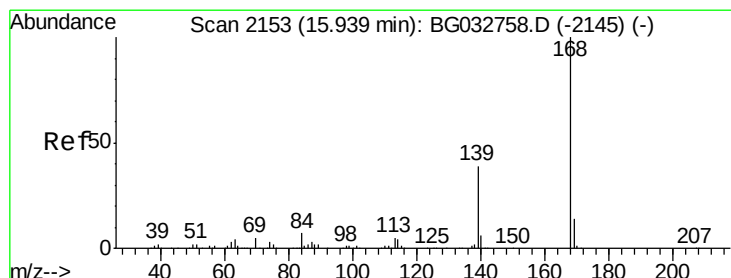
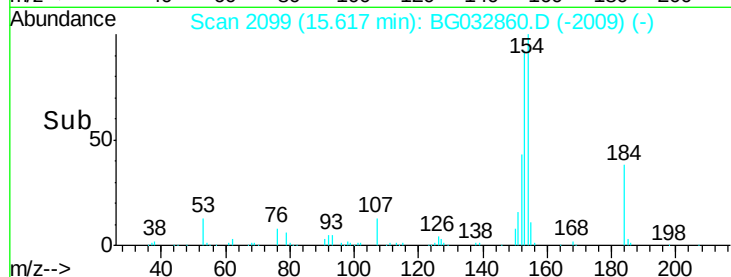
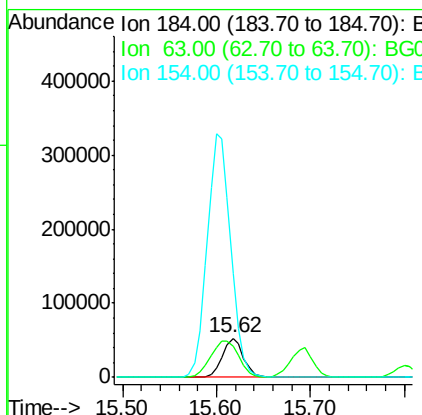
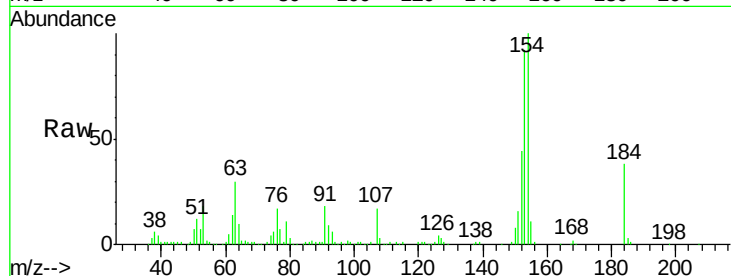




#53
 2,4-Dinitrophenol
 Concen: 95.59 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

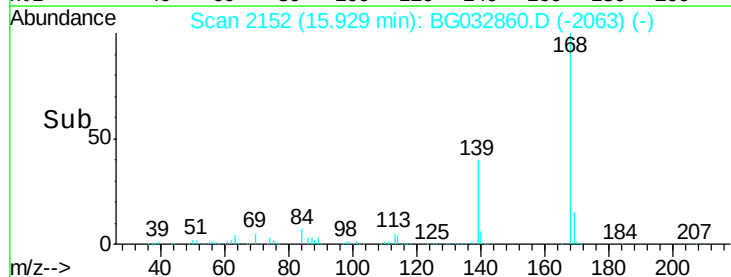
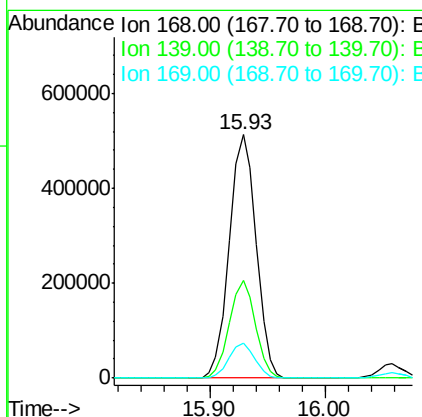
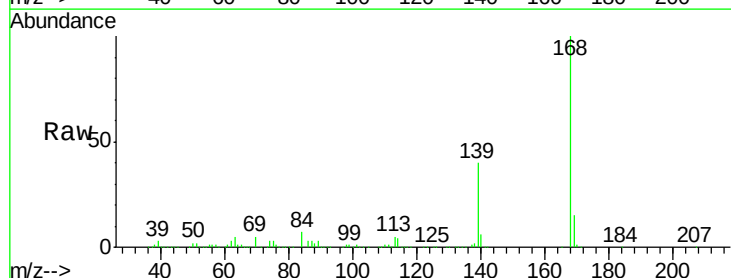
Instrument :
 BNA_G
 ClientSampleId :

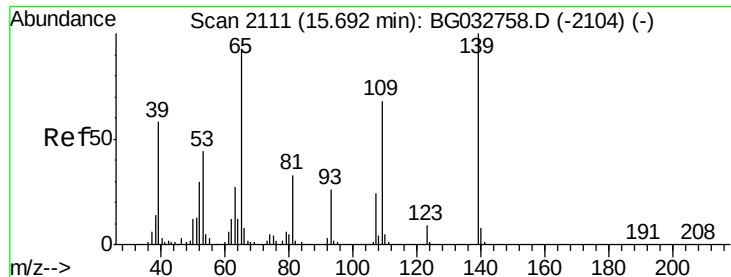
Tot Ion:184 Resp: 84509
 Ion Ratio Lower Upper
 184 100
 63 80.5 59.8 89.8
 154 265.1 101.8 152.8#



#54
 Dibenzofuran
 Concen: 46.91 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:168 Resp: 823665
 Ion Ratio Lower Upper
 168 100
 139 40.2 28.6 43.0
 169 14.5 11.2 16.8

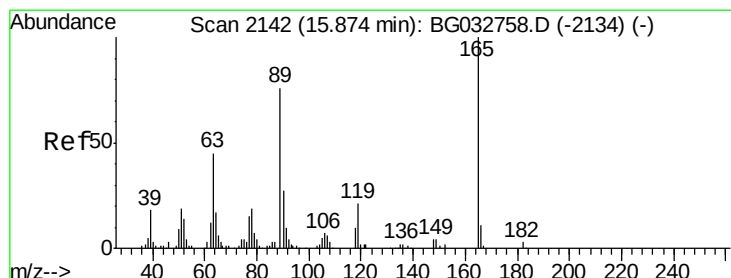
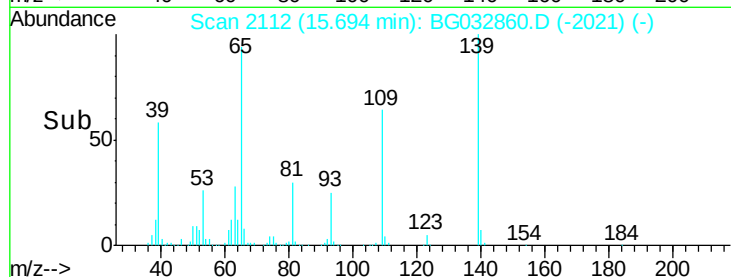
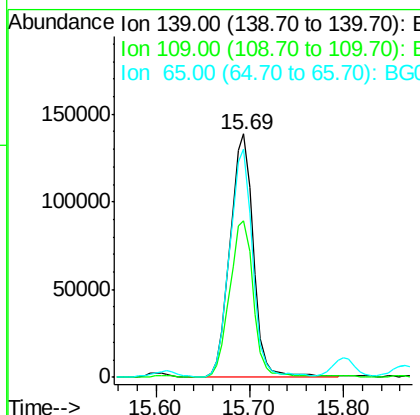
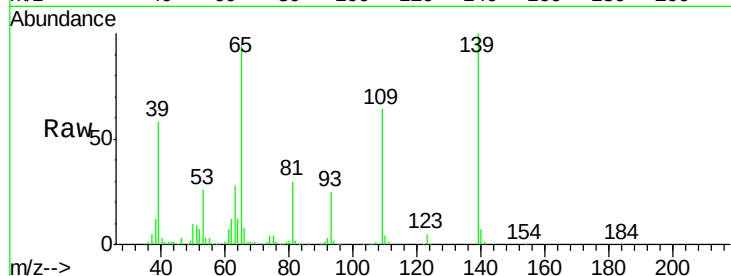




#55
4-Nitrophenol
Concen: 91.89 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

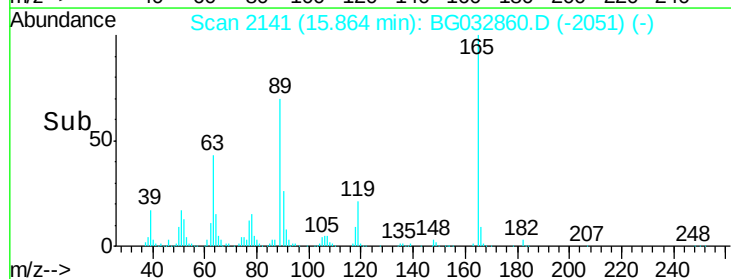
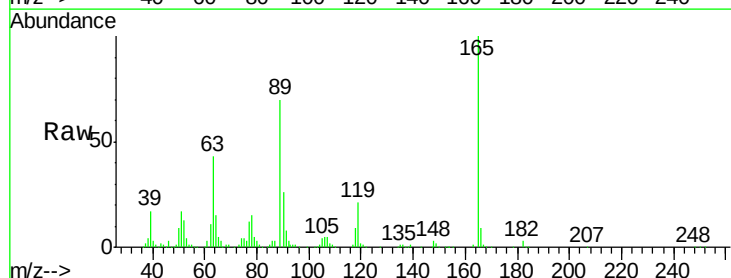
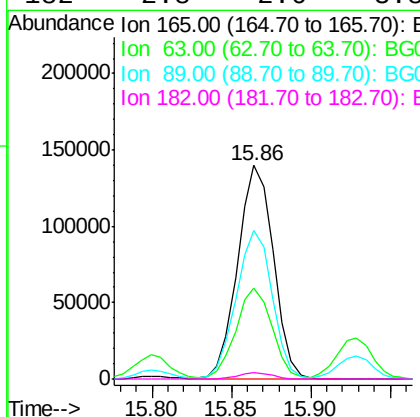
Instrument :
BNA_G
ClientSampleId :

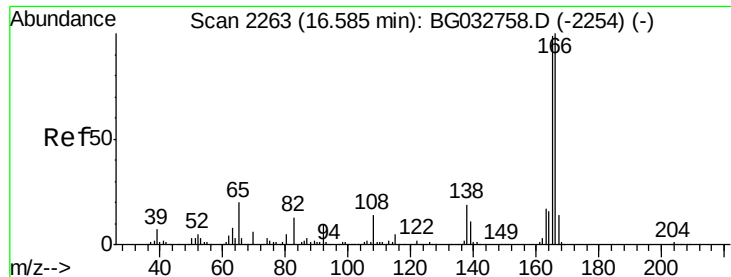
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.3	62.2	102.2
65	93.7	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 64.98 ng
RT: 15.86 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.7	42.0	63.0
89	69.7	66.9	100.3
182	2.8	2.6	3.8





#57

Fluorene

Concen: 46.02 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampled :

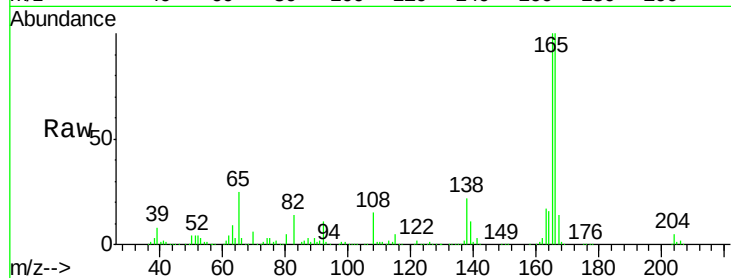
Tot Ion:166 Resp: 666973

Ion Ratio Lower Upper

166 100

165 99.6 80.6 121.0

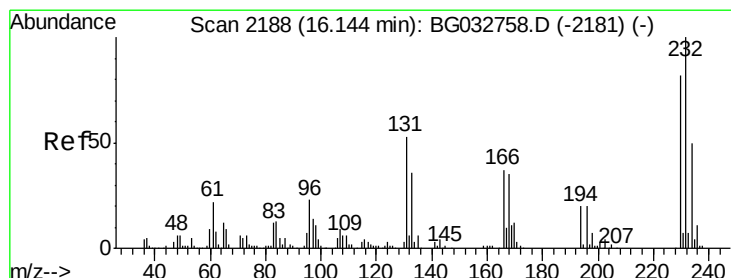
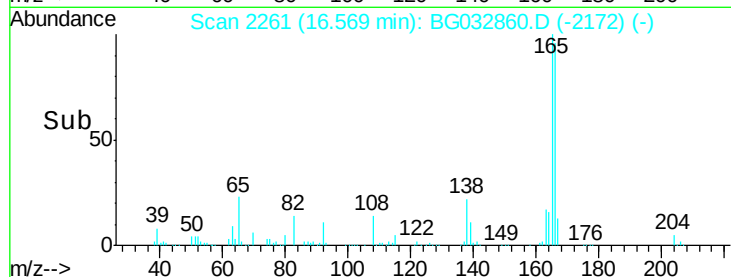
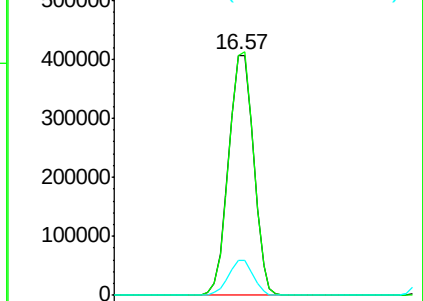
167 14.4 10.4 15.6



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: 53.77 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.08 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:232 Resp: 167610

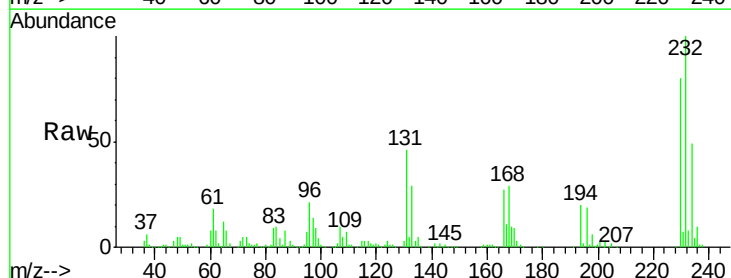
Ion Ratio Lower Upper

232 100

131 45.9 33.5 50.3

130 2.9 2.2 3.2

166 28.1 24.8 37.2

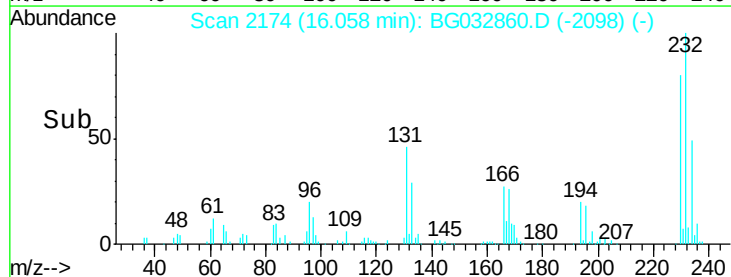
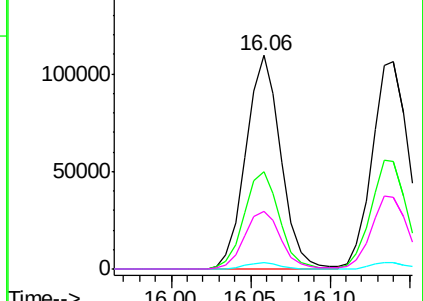


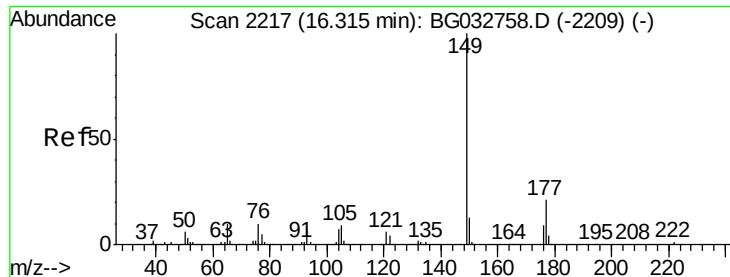
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.32 ng

RT: 16.30 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

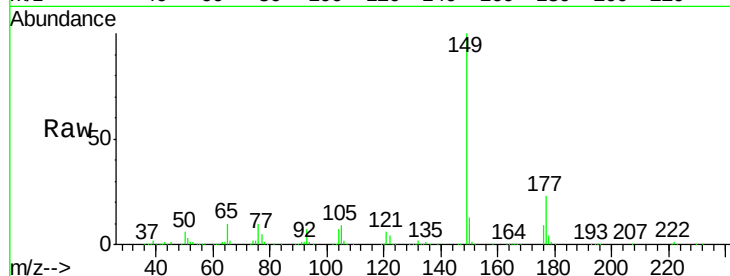
Tot Ion:149 Resp: 752042

Ion Ratio Lower Upper

149 100

177 22.6 18.5 27.7

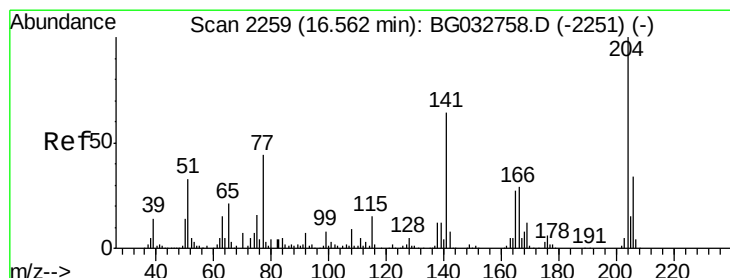
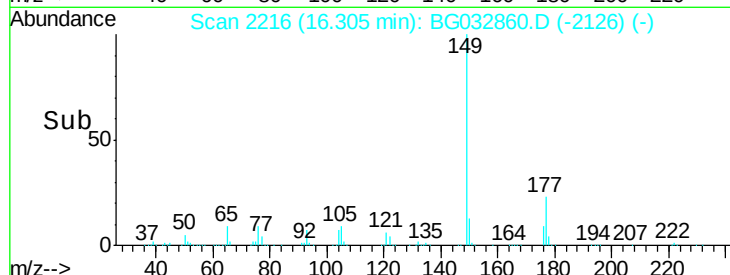
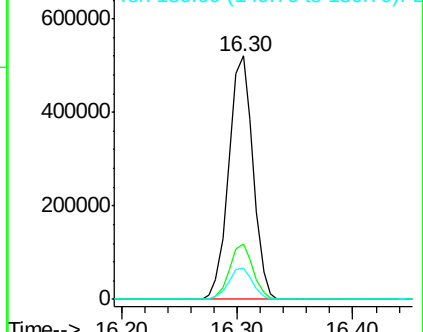
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.35 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

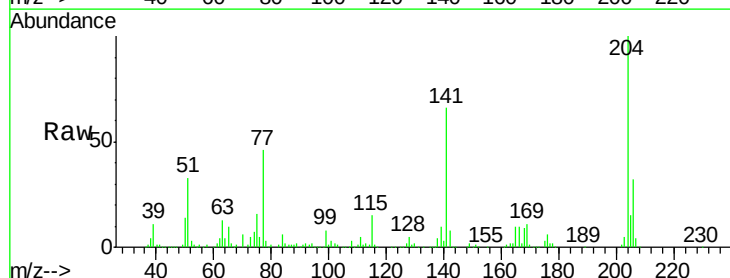
Tgt Ion:204 Resp: 328611

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

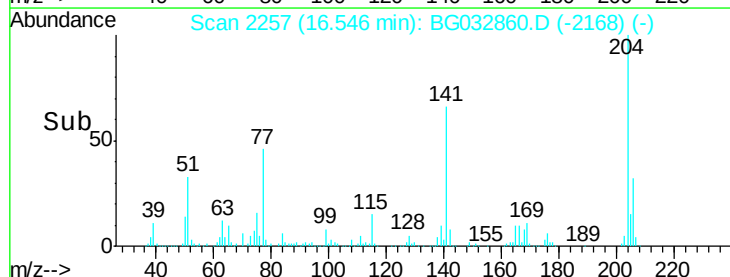
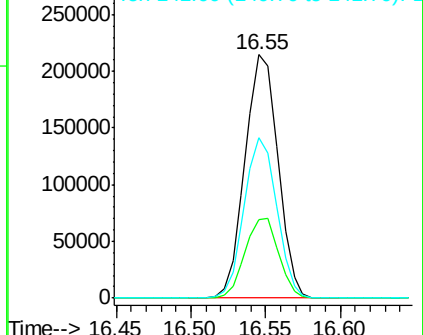
141 65.9 45.8 68.6

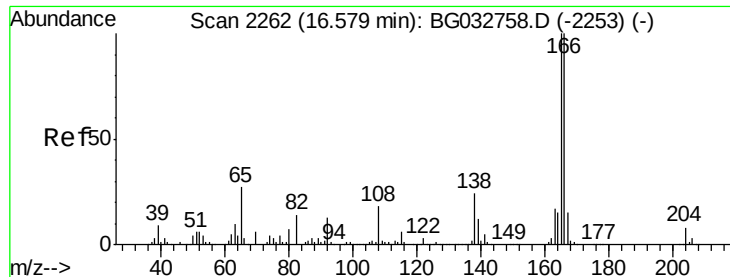


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.50 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

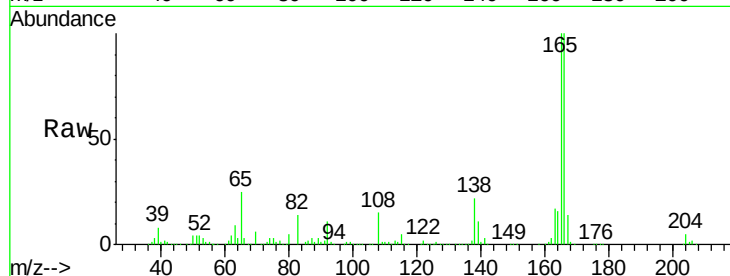
Tot Ion:138 Resp: 153928

Ion Ratio Lower Upper

138 100

92 49.5 40.1 80.1

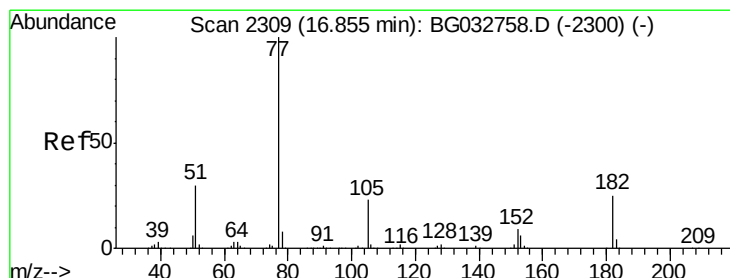
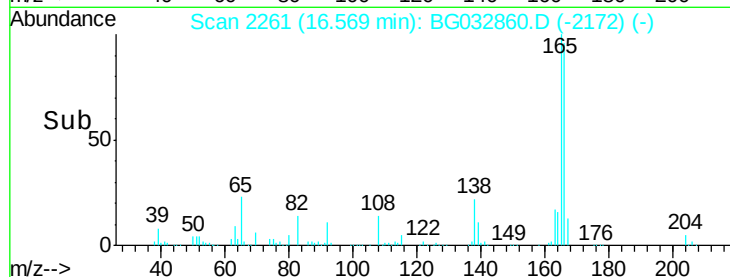
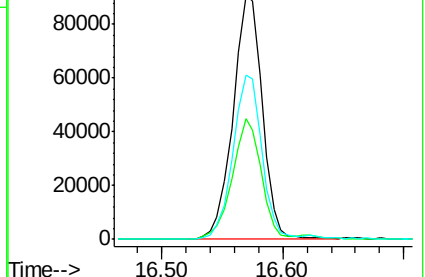
108 67.5 65.4 105.4



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: 46.11 ng

RT: 16.84 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion: 77 Resp: 684551

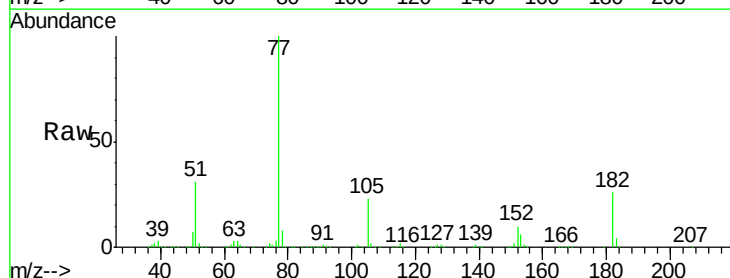
Ion Ratio Lower Upper

77 100

182 25.7 7.4 47.4

105 23.2 0.3 40.3

51 31.5 11.6 51.6

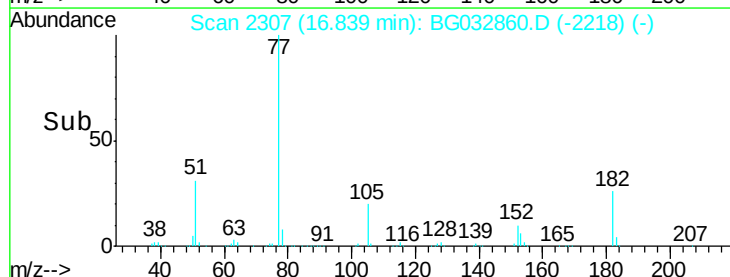
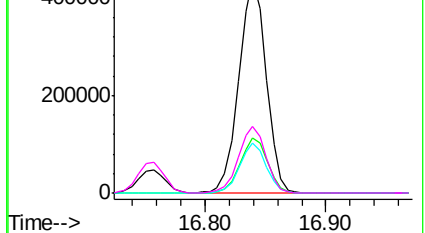


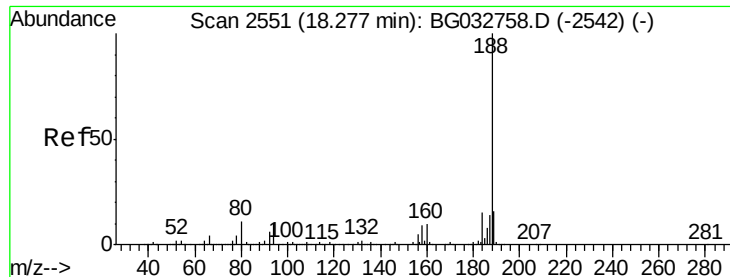
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

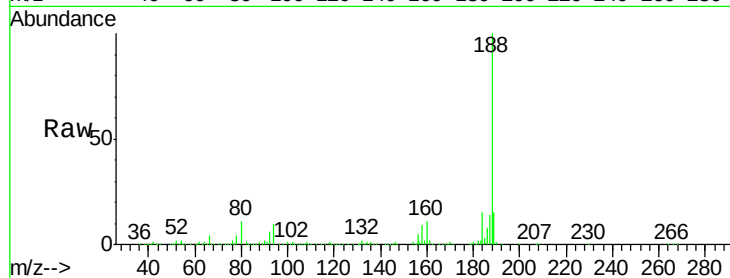
Tot Ion:188 Resp: 408238

Ion Ratio Lower Upper

188 100

94 10.2 6.9 10.3

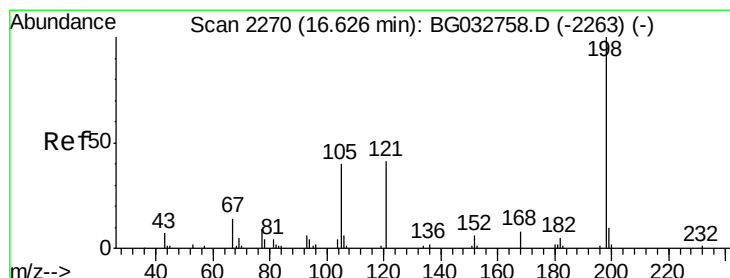
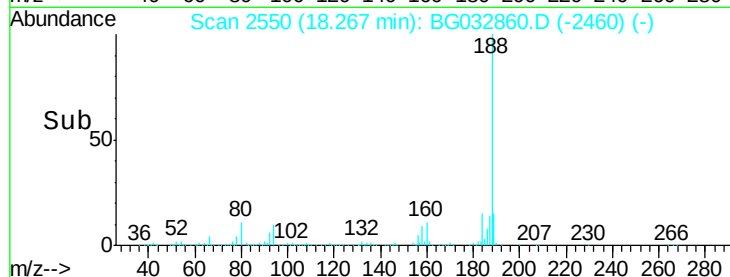
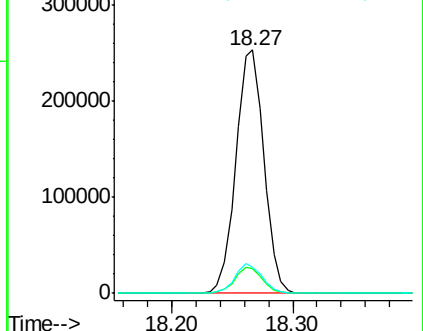
80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 60.17 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

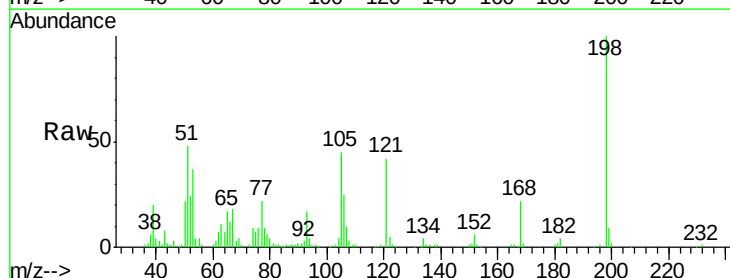
Tgt Ion:198 Resp: 78899

Ion Ratio Lower Upper

198 100

51 48.5 30.6 70.6

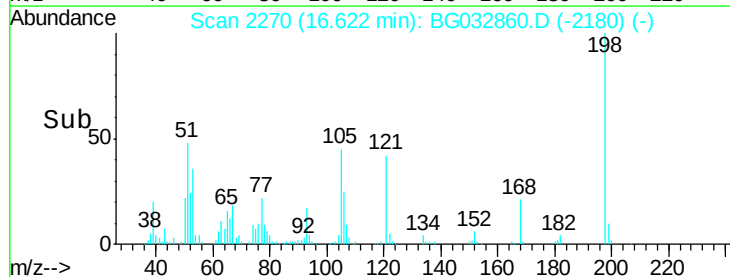
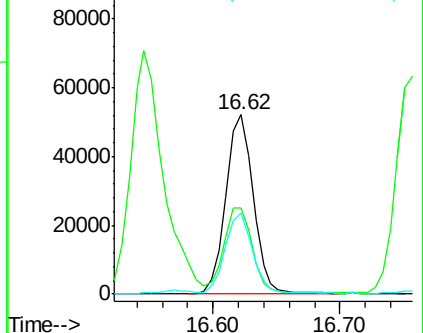
105 45.1 23.8 63.8

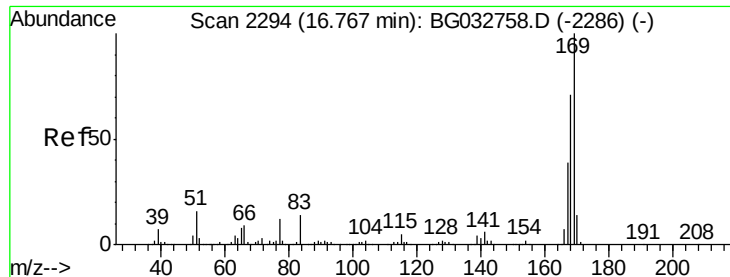


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

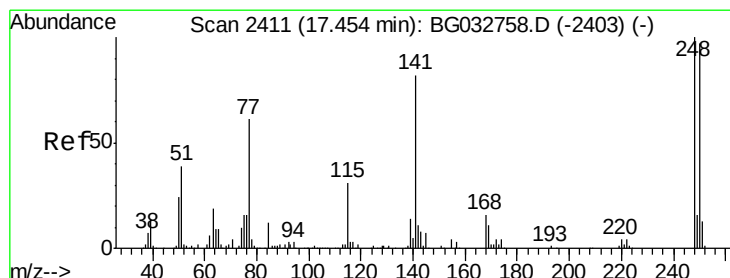
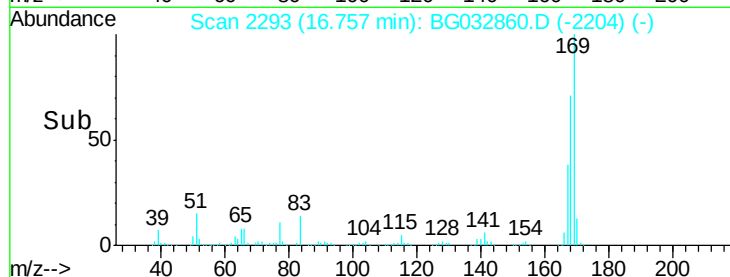
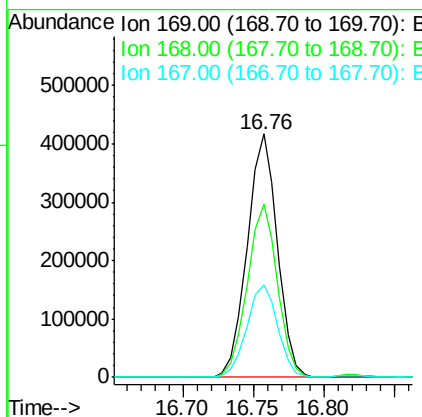
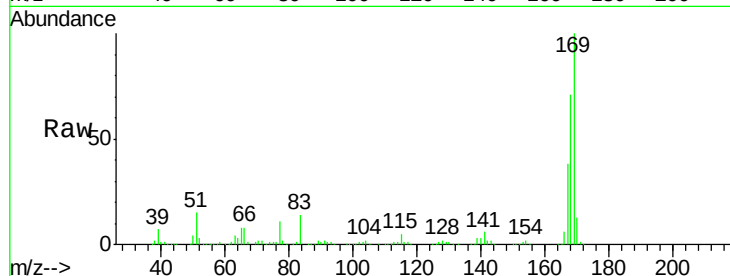




#65
 n-Nitrosodiphenylamine
 Concen: 46.95 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

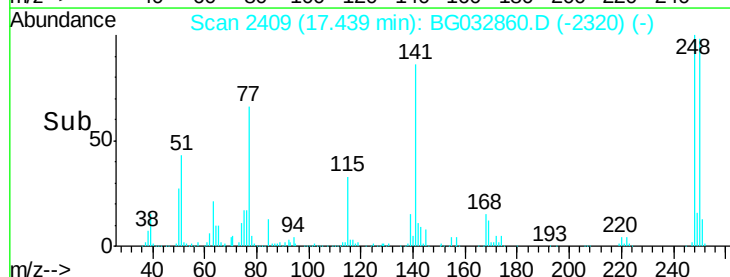
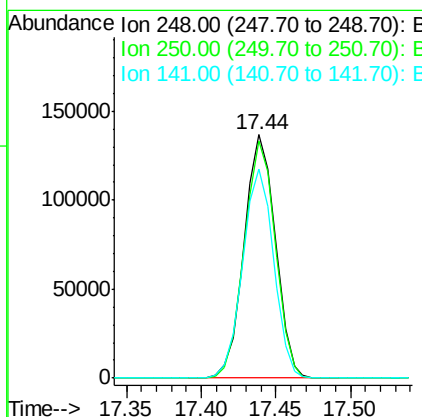
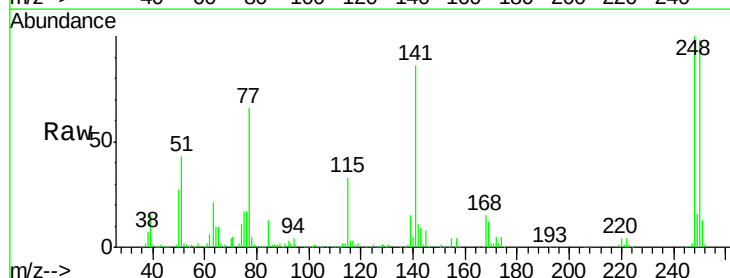
Instrument :
 BNA_G
 ClientSampleId :

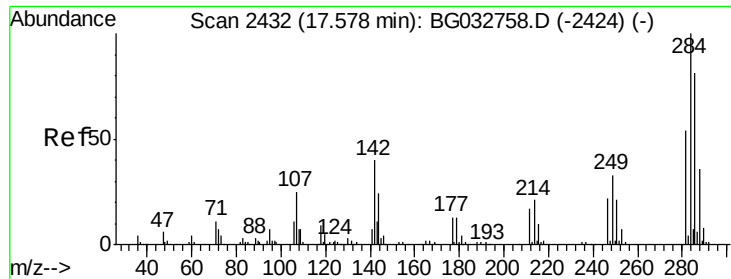
Tot Ion:169 Resp: 623545
 Ion Ratio Lower Upper
 169 100
 168 71.2 55.7 83.5
 167 38.2 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 45.82 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:248 Resp: 197806
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 85.7 50.8 76.2#





#67

Hexachlorobenzene

Concen: 44.31 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

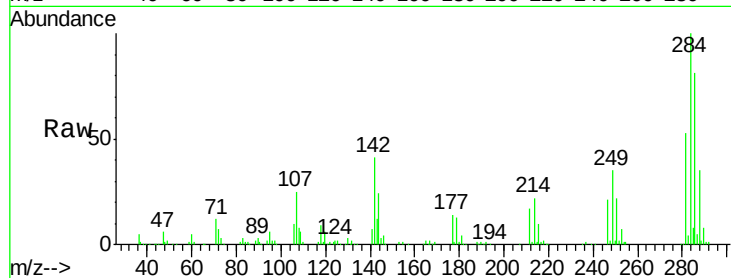
Tot Ion:284 Resp: 206718

Ion Ratio Lower Upper

284 100

142 41.3 26.8 40.2#

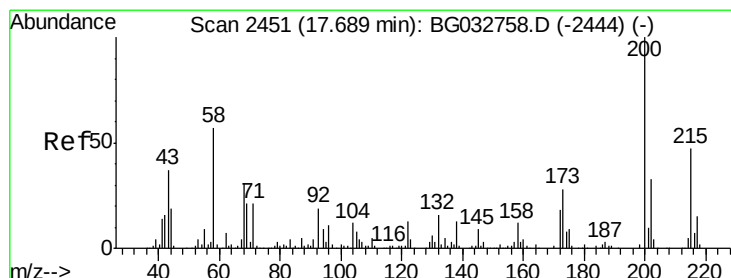
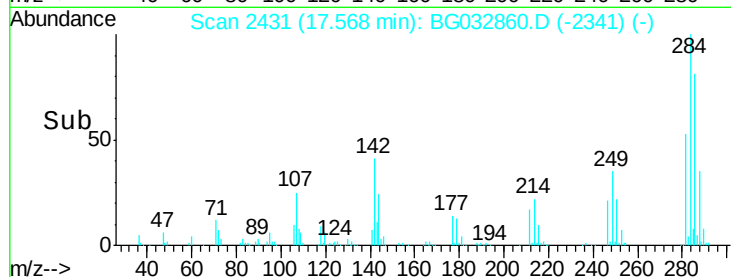
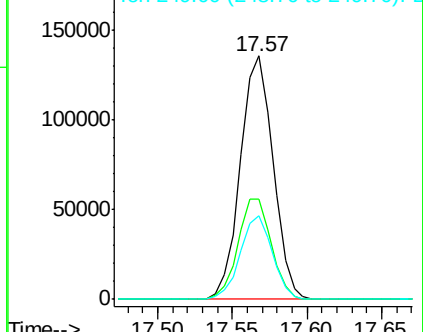
249 34.5 26.3 39.5



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: 48.57 ng

RT: 17.68 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

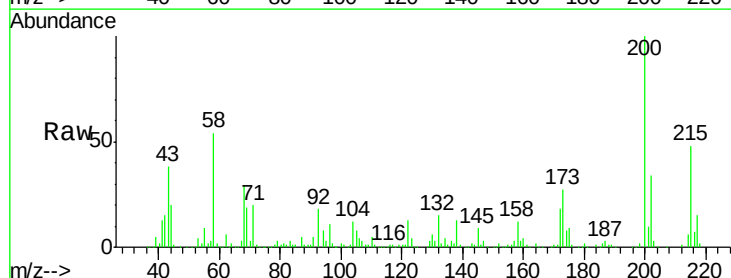
Tgt Ion:200 Resp: 212301

Ion Ratio Lower Upper

200 100

173 27.1 5.2 45.2

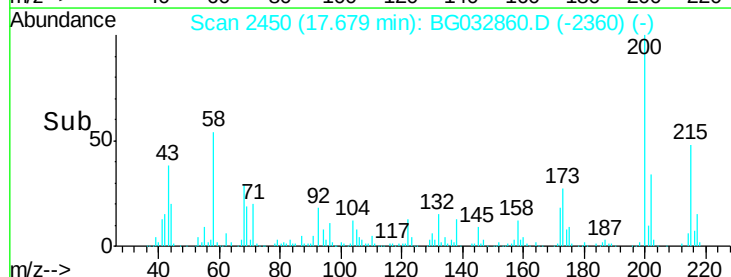
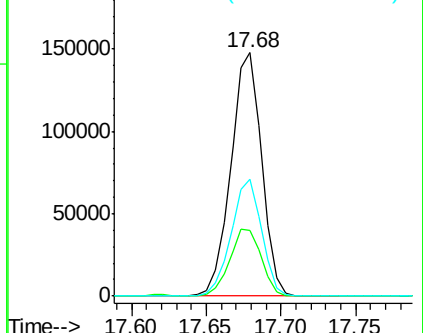
215 47.8 30.4 70.4

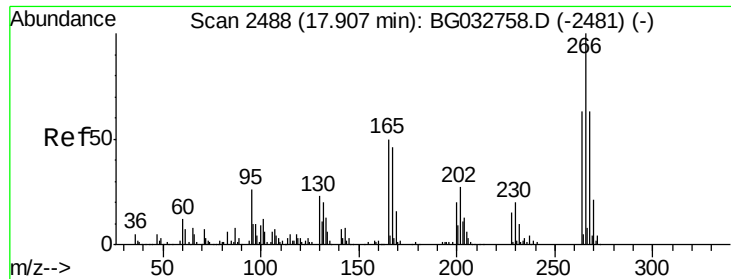


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 85.46 ng

RT: 17.90 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

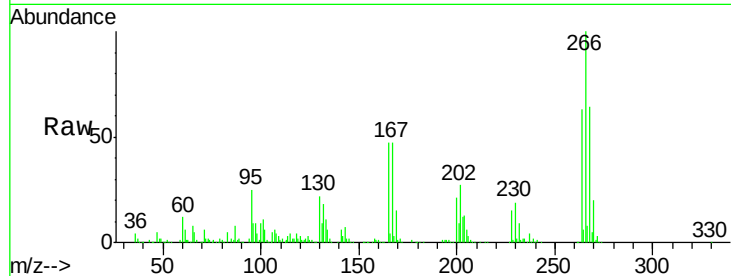
Tot Ion:266 Resp: 251114

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

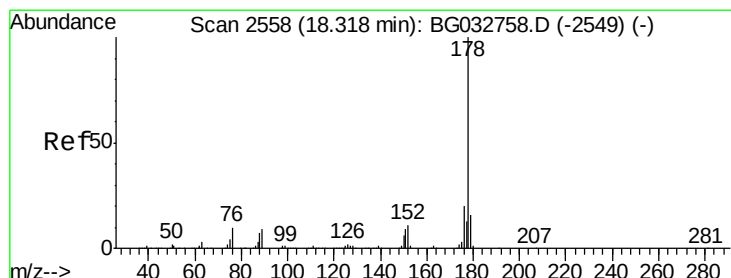
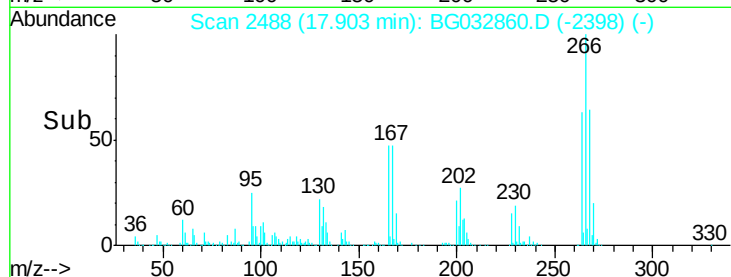
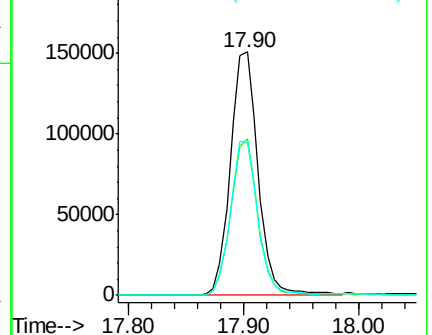
264 62.9 49.6 74.4



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: 46.56 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

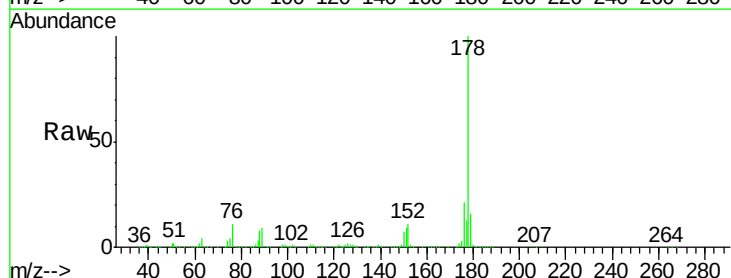
Tgt Ion:178 Resp: 1060330

Ion Ratio Lower Upper

178 100

176 21.1 15.7 23.5

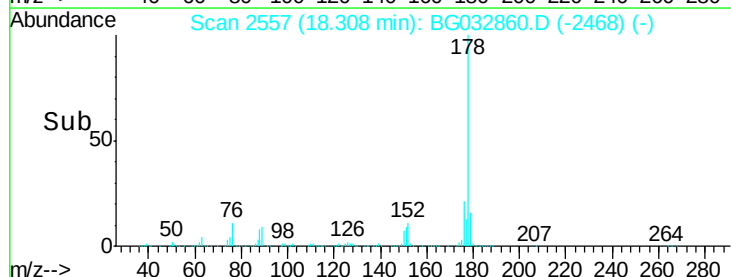
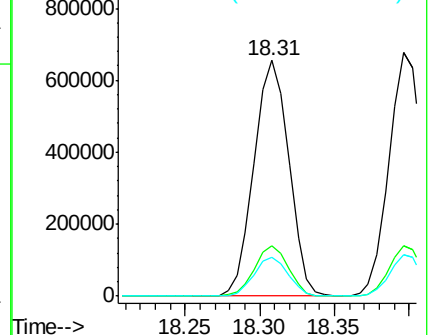
179 16.4 12.5 18.7

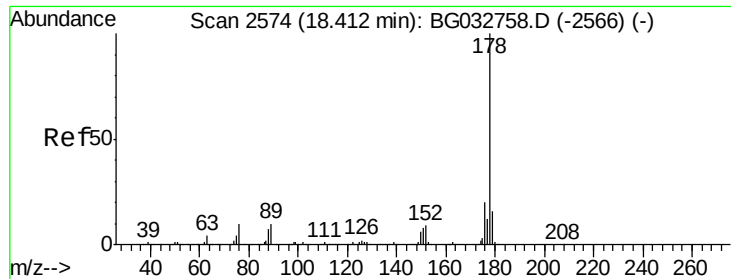


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

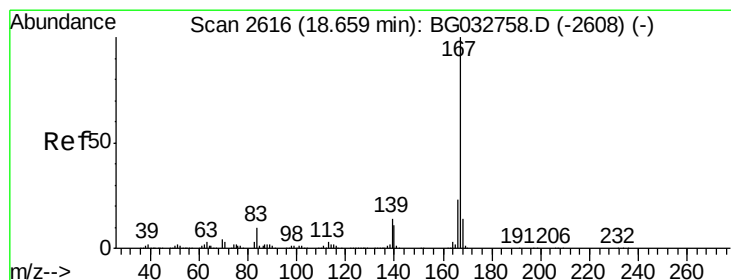
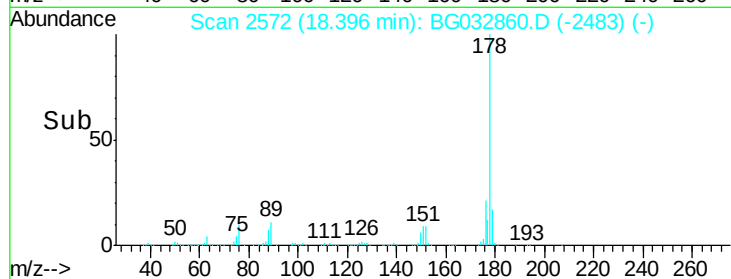
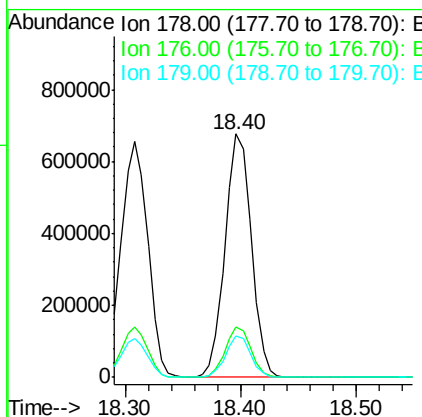
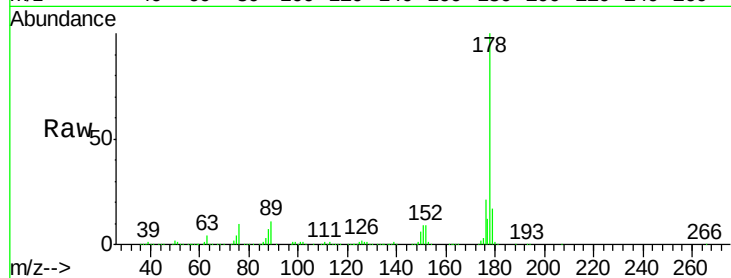




#71
 Anthracene
 Concen: 46.76 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

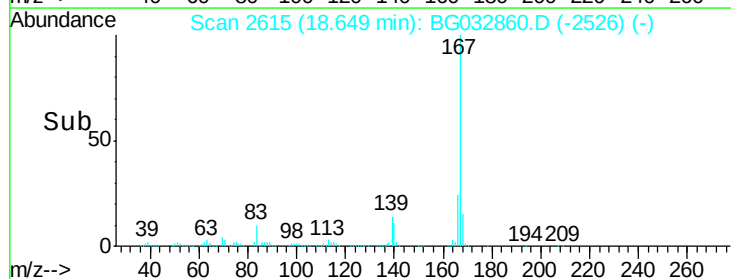
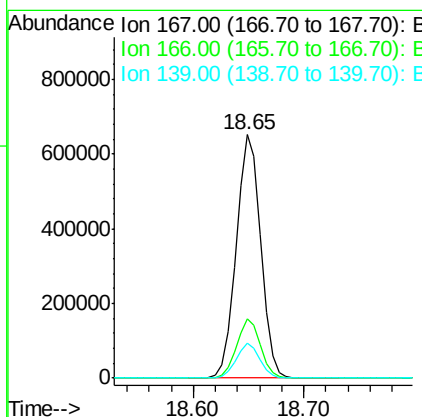
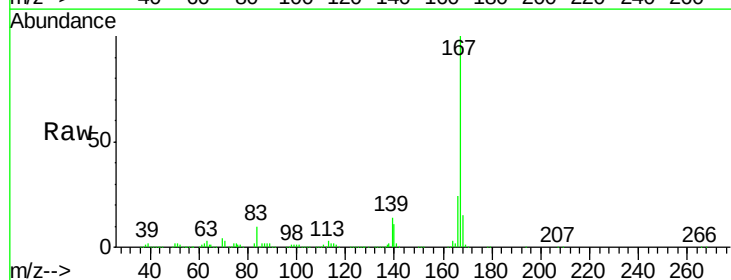
Instrument :
 BNA_G
 ClientSampleId :

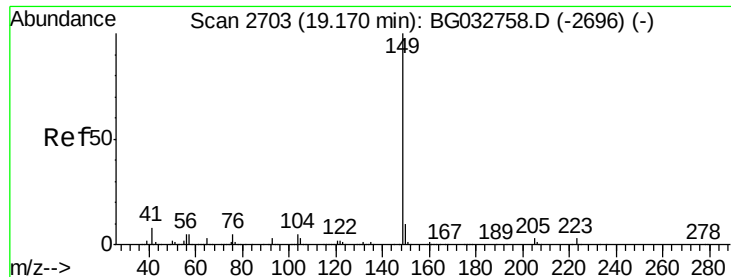
Tot Ion:178 Resp: 1069267
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 44.94 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:167 Resp: 1012792
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.2 27.4
 139 14.3 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 19.15 min Scan# 2701

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

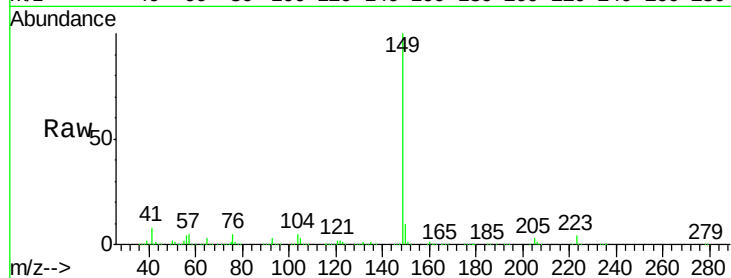
Tot Ion:149 Resp: 1262514

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.6

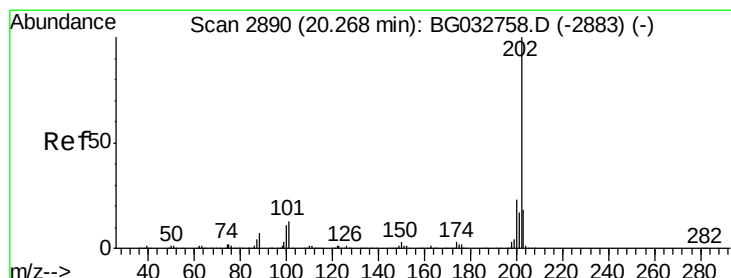
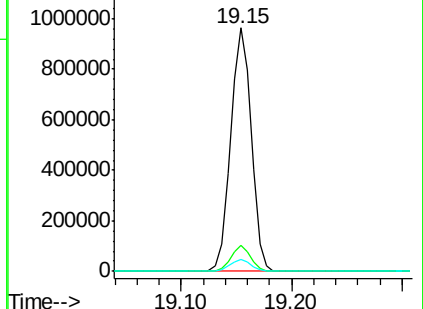
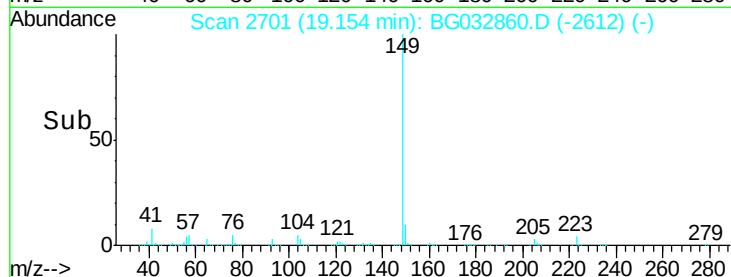
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.61 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

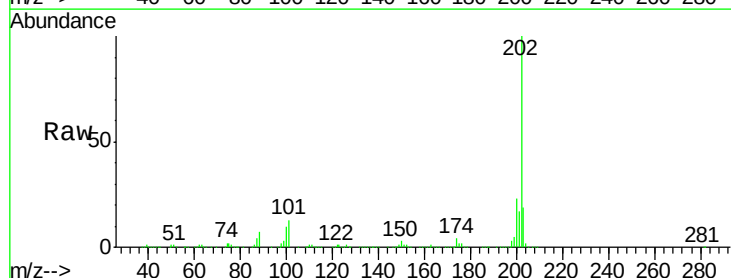
Tgt Ion:202 Resp: 1172757

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.9

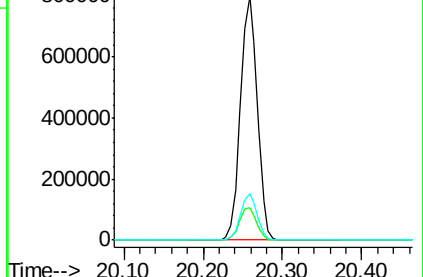
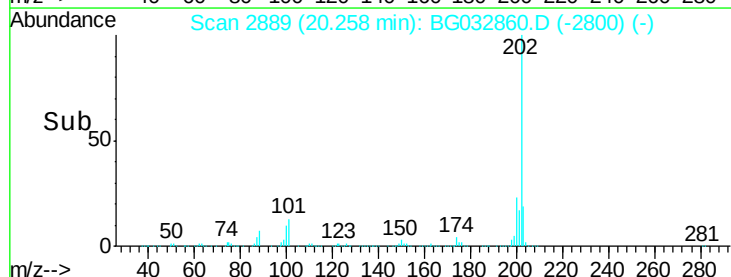
203 18.9 0.0 37.5

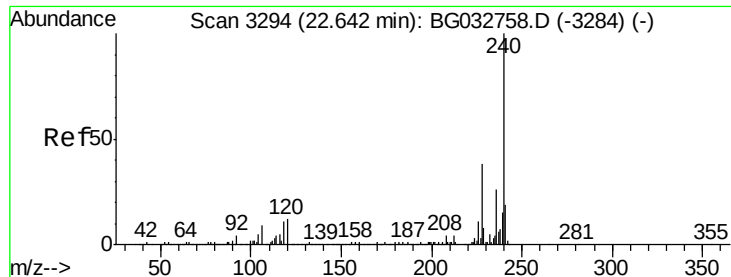


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

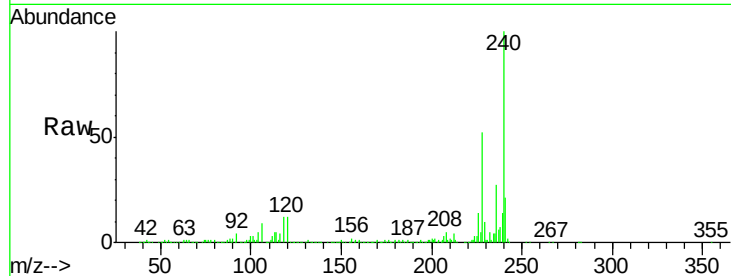
Tot Ion:240 Resp: 381214

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

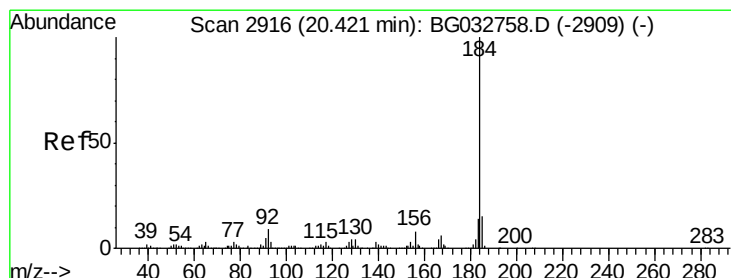
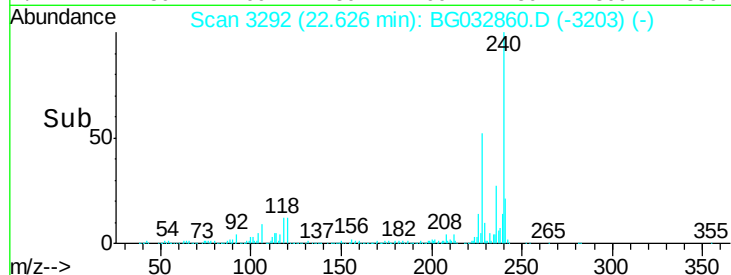
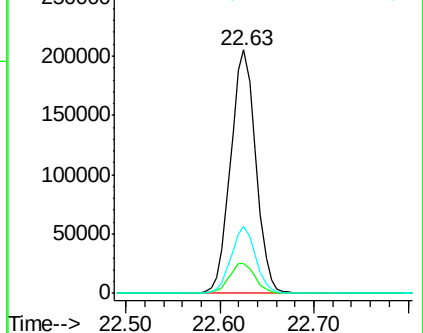
236 27.4 20.9 31.3



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: 4.36 ng

RT: 20.41 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

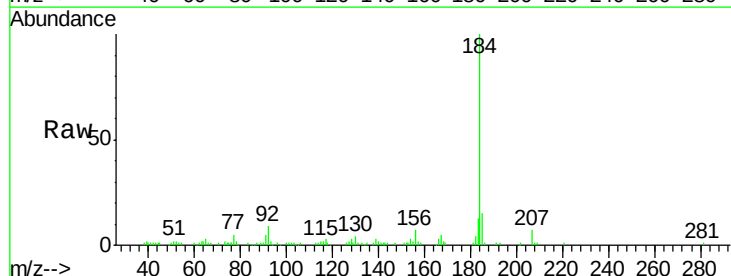
Tgt Ion:184 Resp: 56698

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

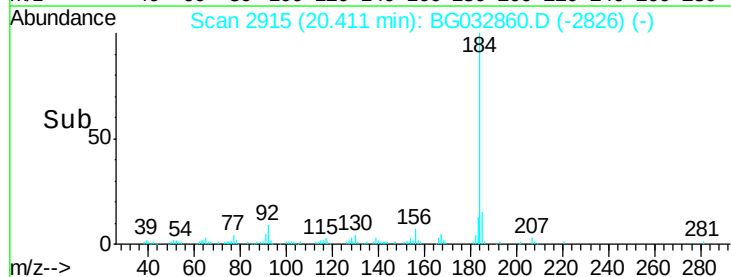
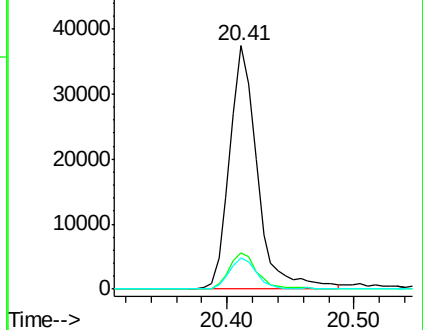
183 12.8 10.6 16.0

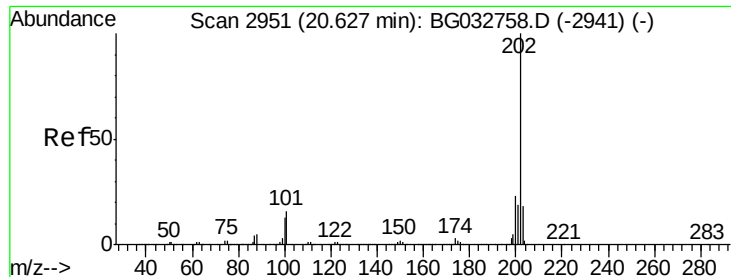


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.88 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampled :

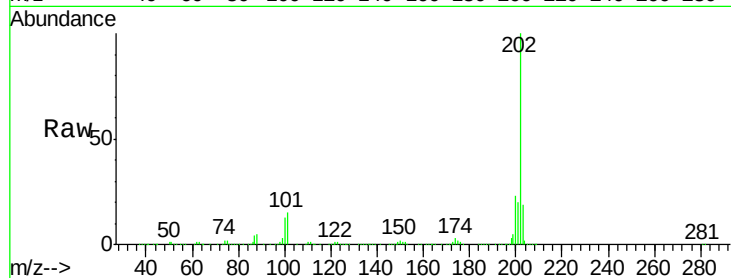
Tot Ion:202 Resp: 1179674

Ion Ratio Lower Upper

202 100

200 23.0 16.9 25.3

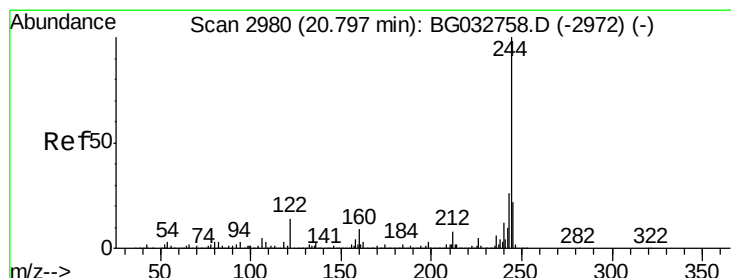
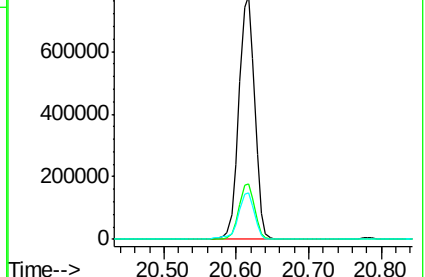
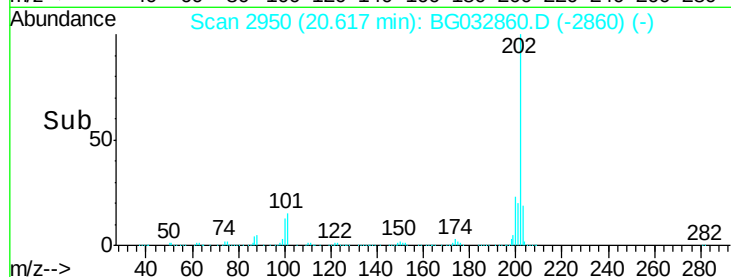
203 19.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.23 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

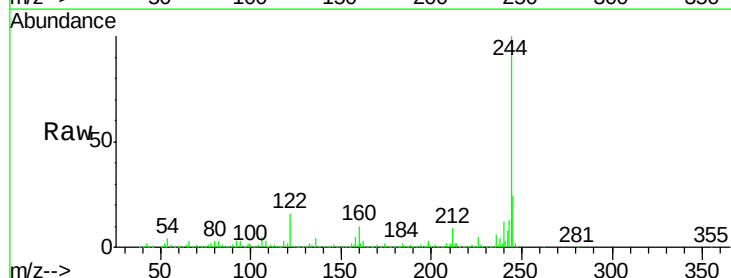
Tgt Ion:244 Resp: 1683766

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

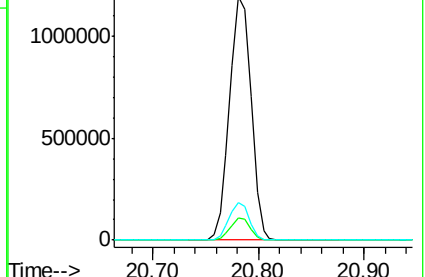
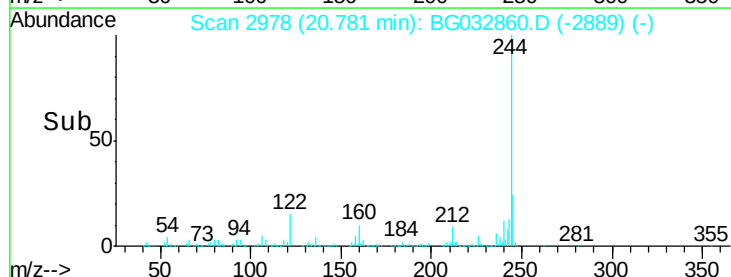
122 15.5 7.0 10.4#

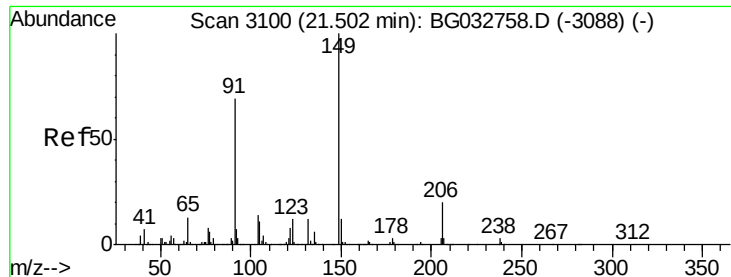


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

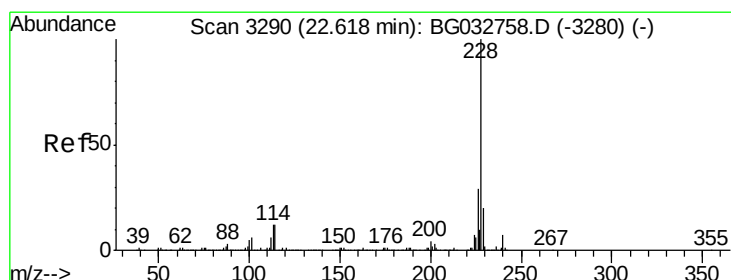
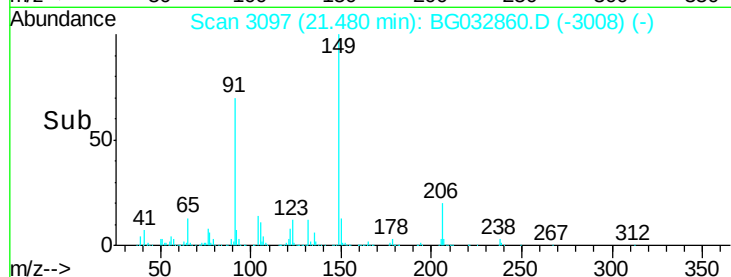
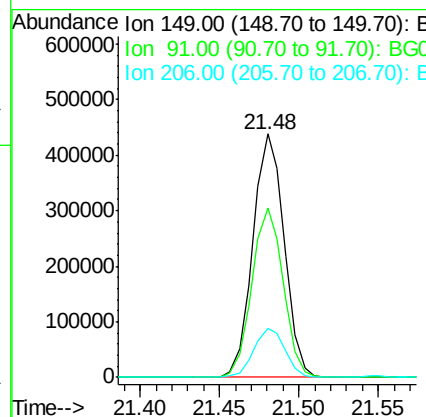
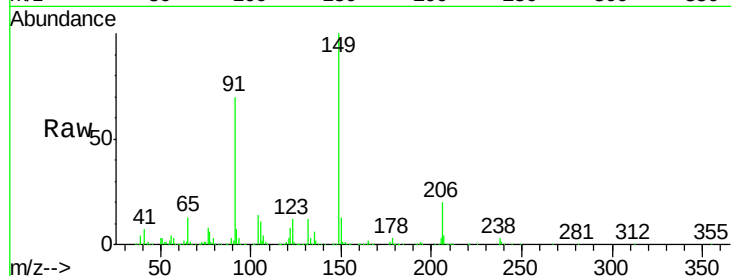




#79
Butylbenzylphthalate
Concen: 50.41 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

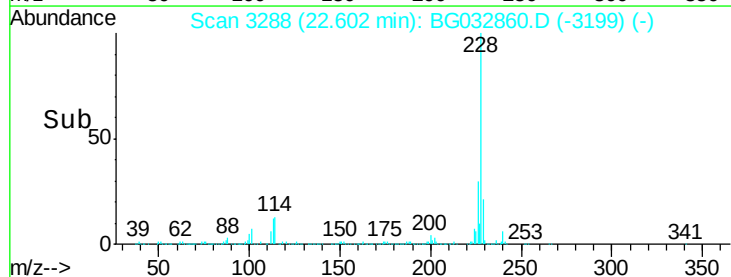
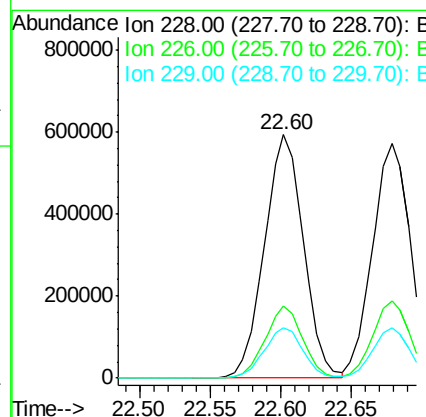
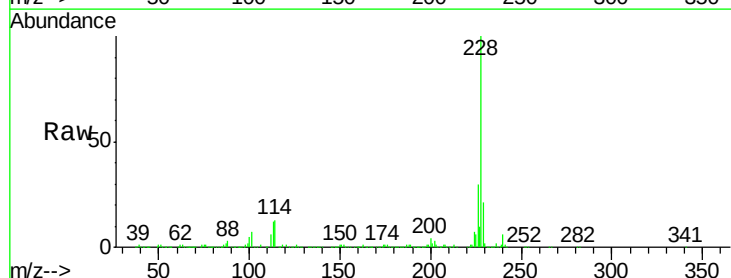
Instrument :
BNA_G
ClientSampled :

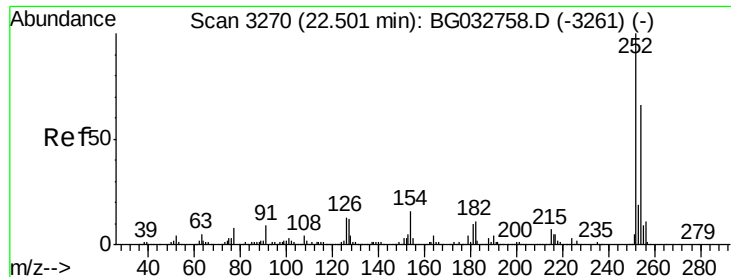
Tot Ion:149 Resp: 600817
Ion Ratio Lower Upper
149 100
91 69.8 62.2 93.2
206 20.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 46.97 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:228 Resp: 1148252
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 20.7 16.2 24.2

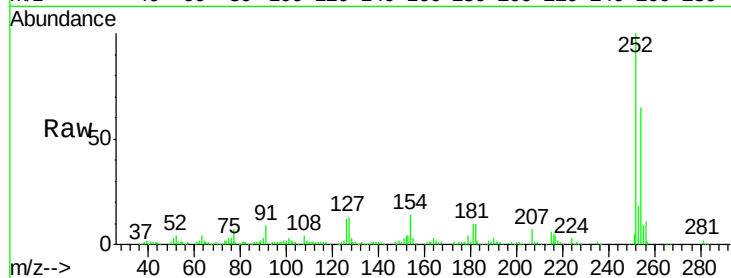




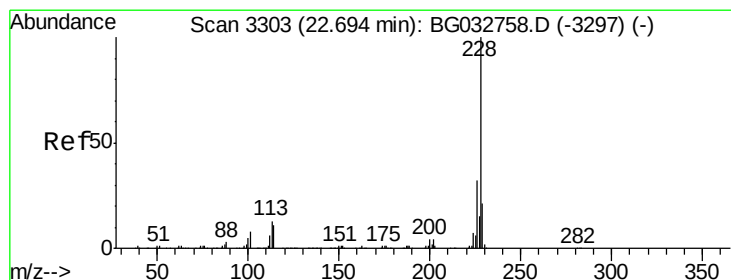
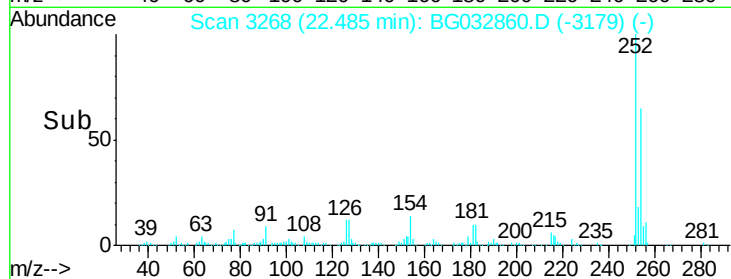
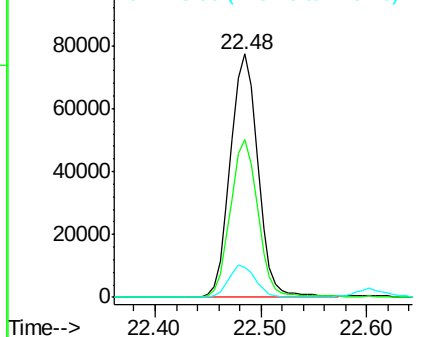
#81
 3,3'-Dichlorobenzidine
 Concen: 15.47 ng
 RT: 22.48 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 140060
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.8 76.2
 126 12.2 7.4 11.2#

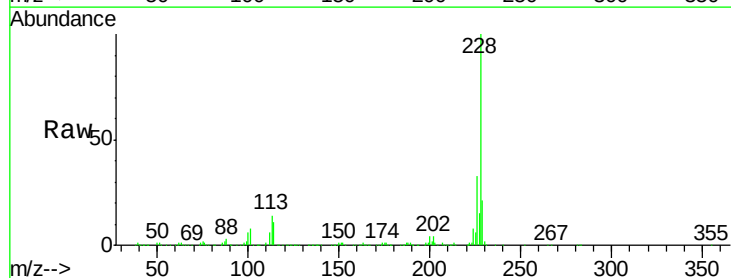


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

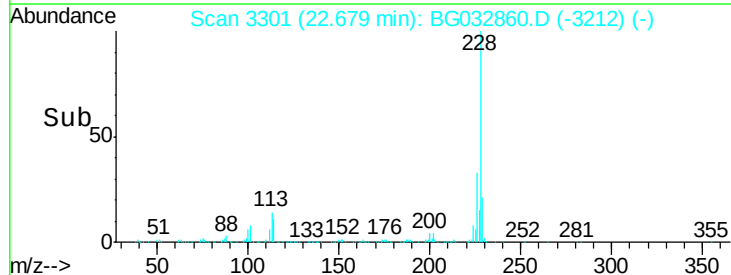
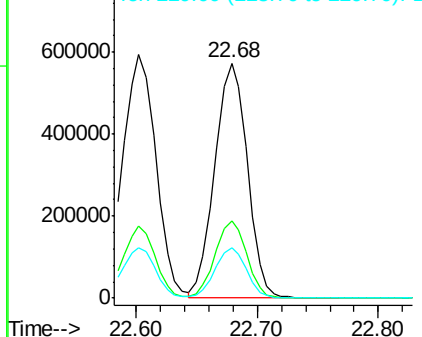


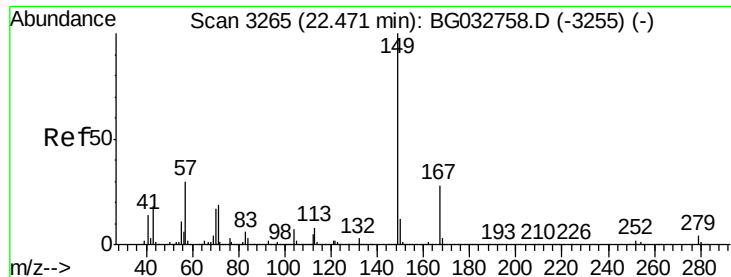
#82
 Chrysene
 Concen: 45.57 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion:228 Resp: 1064066
 Ion Ratio Lower Upper
 228 100
 226 33.0 24.9 37.3
 229 21.4 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: 48.45 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

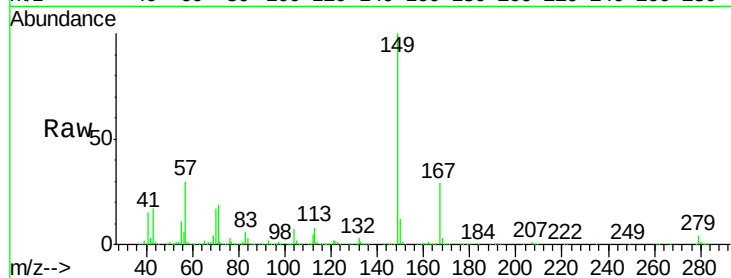
Tot Ion:149 Resp: 854756

Ion Ratio Lower Upper

149 100

167 28.8 24.3 36.5

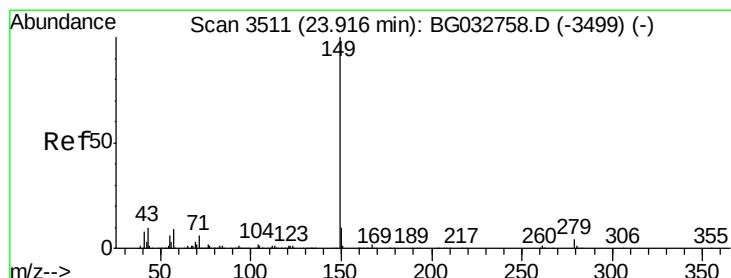
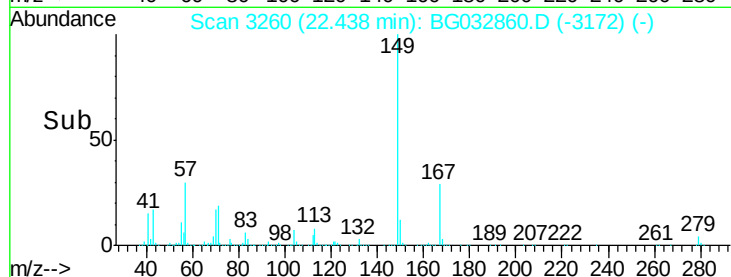
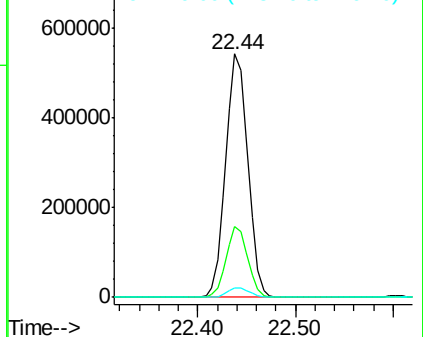
279 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.53 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

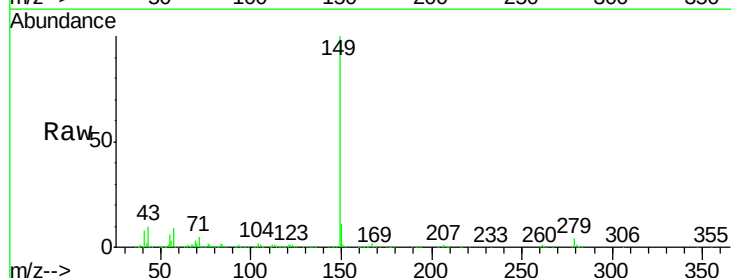
Tgt Ion:149 Resp: 1466581

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

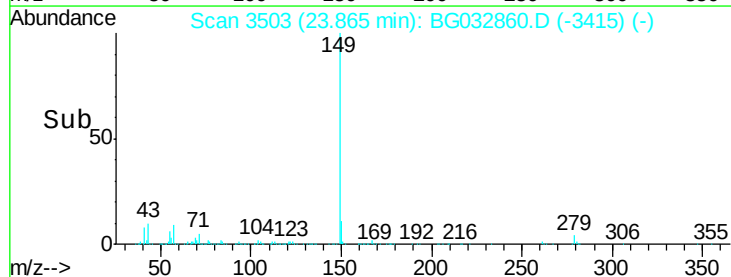
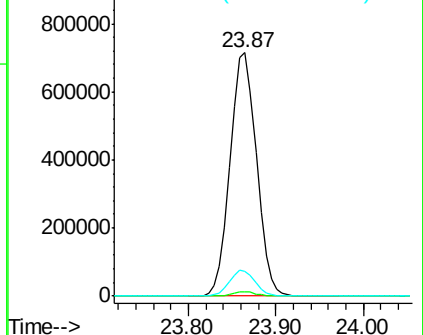
43 10.1 8.9 13.3

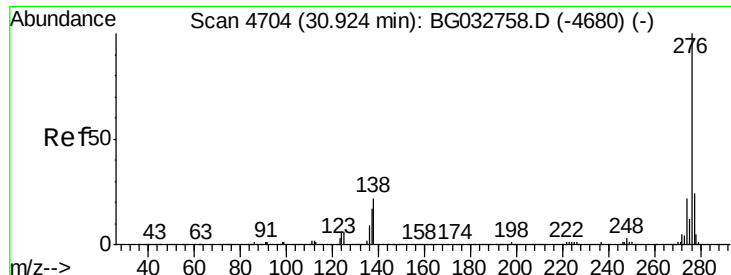


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.81 ng

RT: 30.87 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

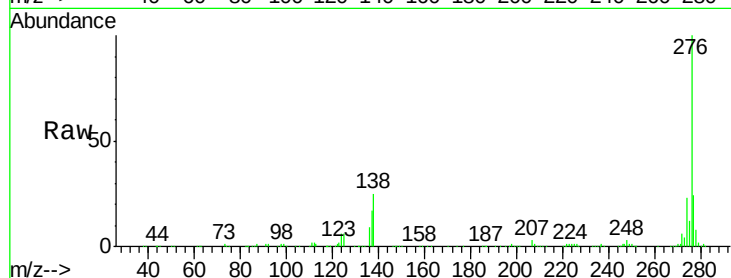
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1329376

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.0	24.0
277	25.6	20.0	30.0

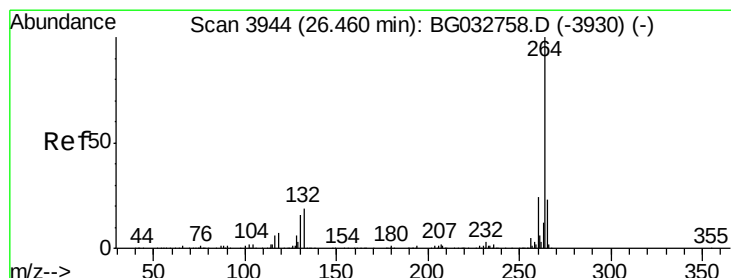
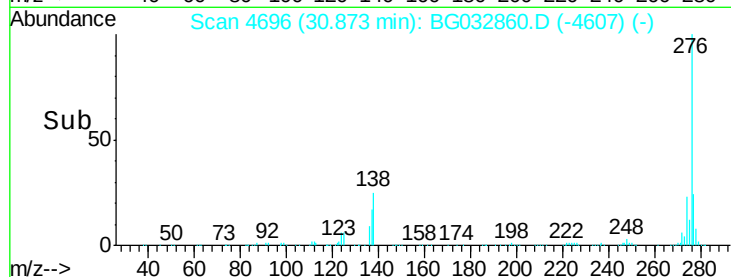
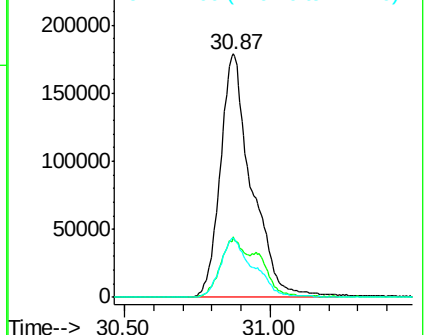


Abundance

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: 20.00 ng

RT: 26.43 min Scan# 3940

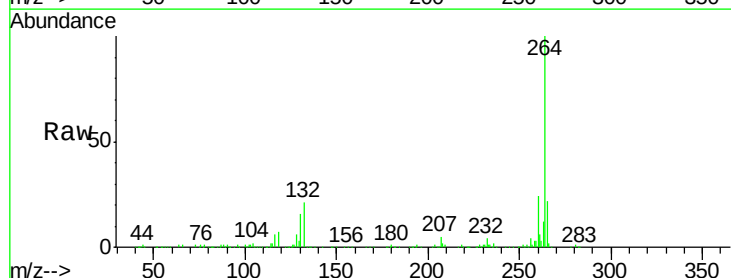
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:264 Resp: 410691

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

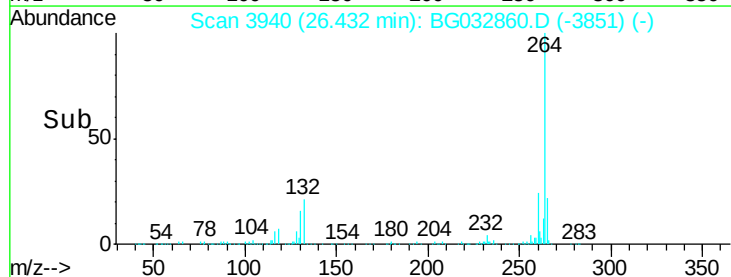
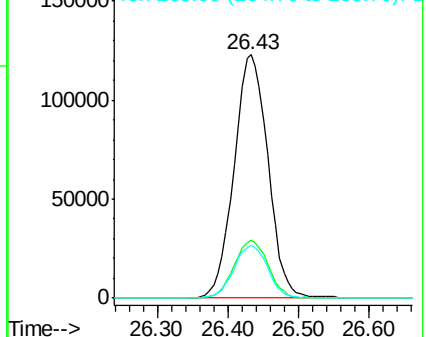


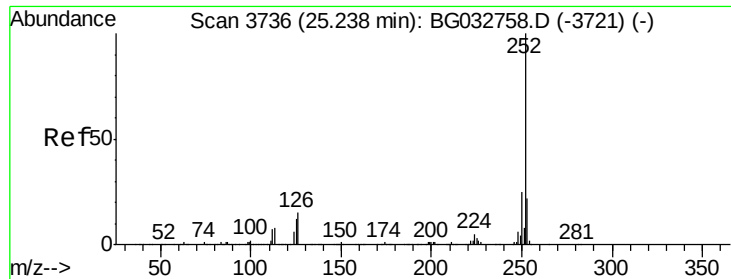
Abundance

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: 47.63 ng

RT: 25.21 min Scan# 3732

Delta R.T. -0.01 min

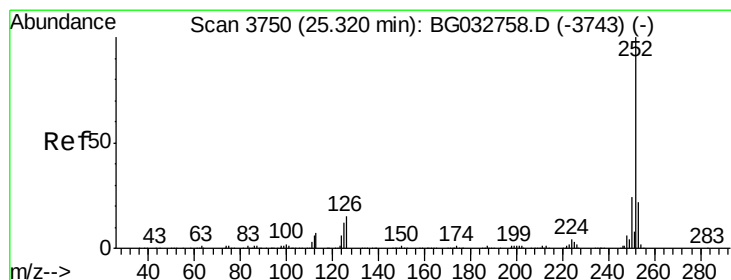
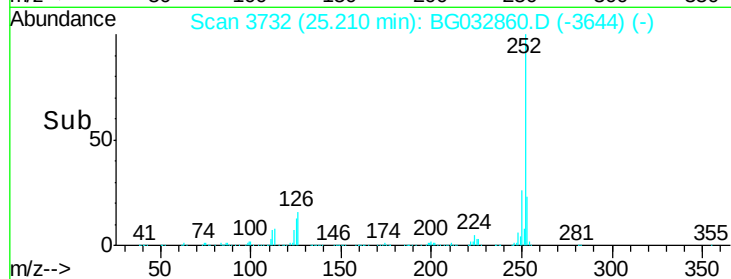
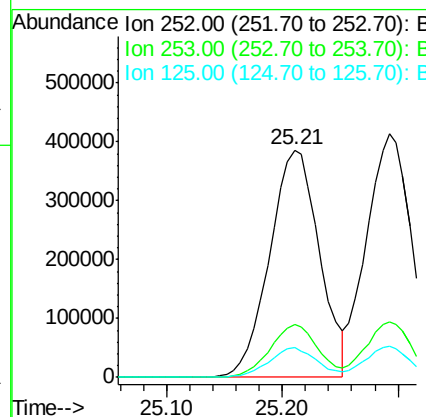
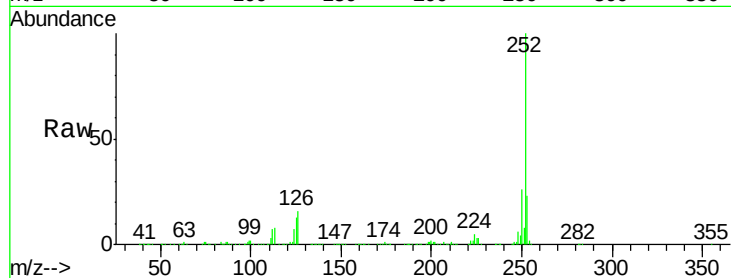
Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1156554

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	13.2	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 46.75 ng

RT: 25.29 min Scan# 3746

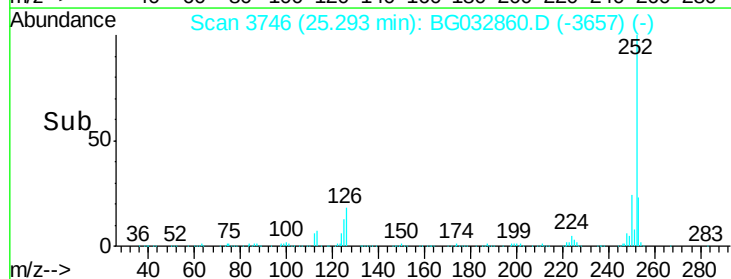
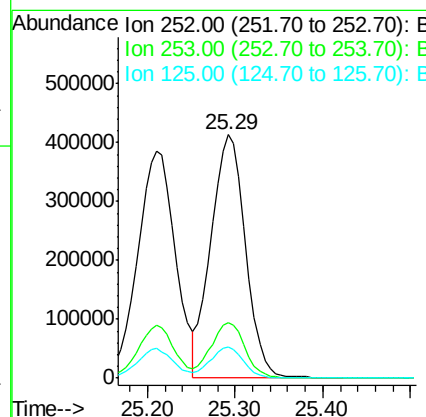
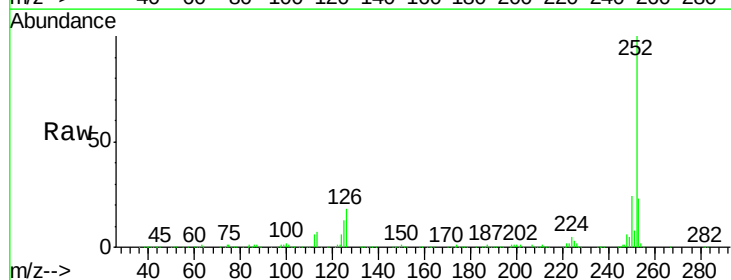
Delta R.T. -0.01 min

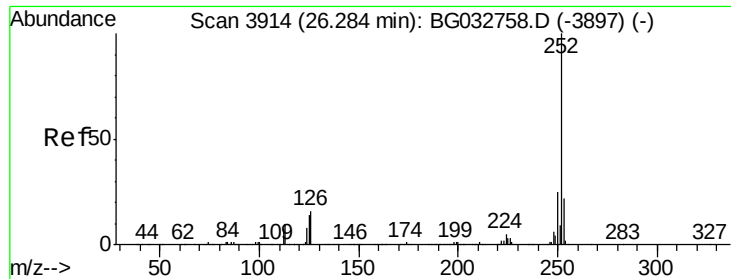
Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:252 Resp: 1128262

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.5	6.6	9.8

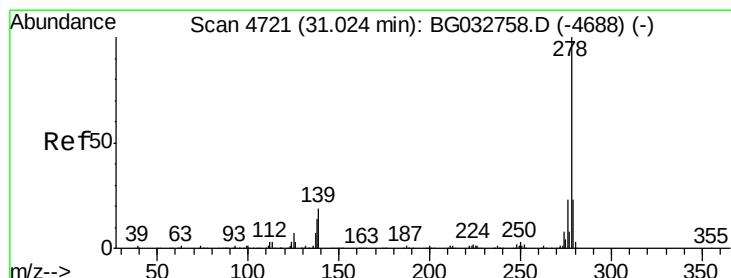
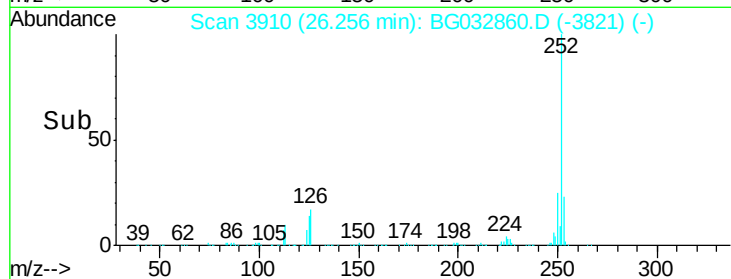
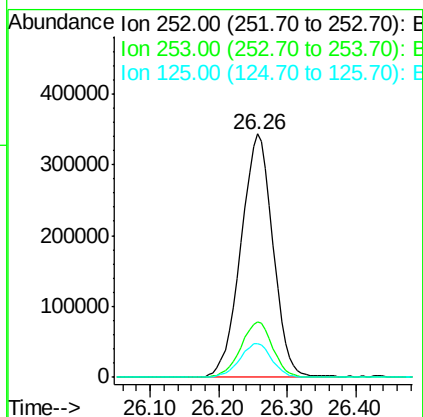
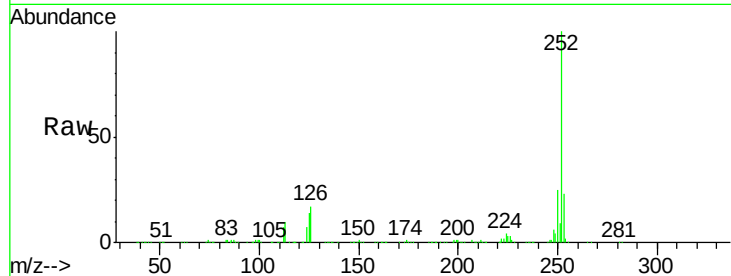




#89
Benzo(a)pyrene
Concen: 48.37 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

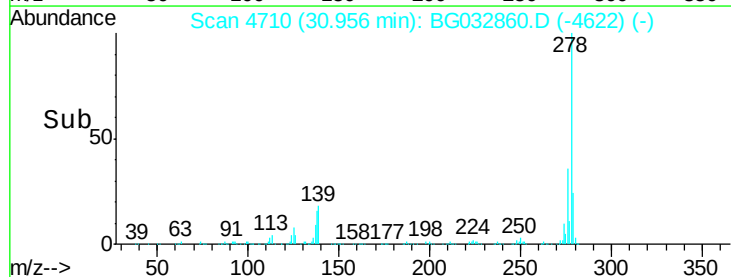
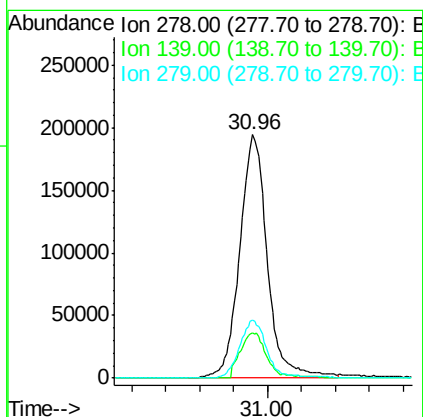
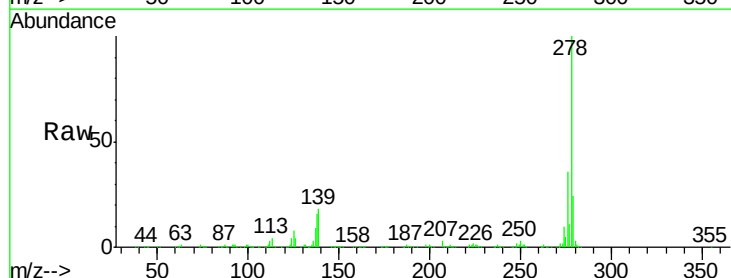
Instrument :
BNA_G
ClientSampleId :

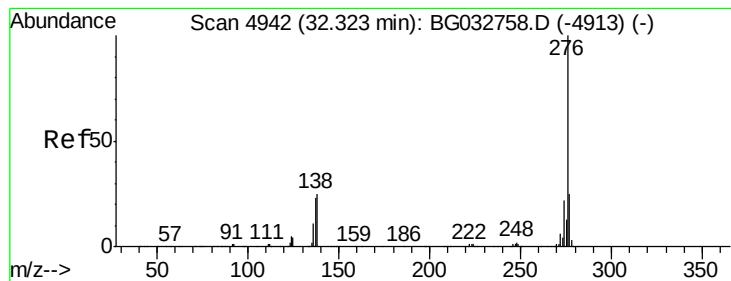
Tot Ion:252 Resp: 1117233
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 13.8 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 47.44 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:278 Resp: 1102856
Ion Ratio Lower Upper
278 100
139 18.4 9.8 14.6#
279 24.0 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 46.98 ng

RT: 32.27 min Scan# 4934

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

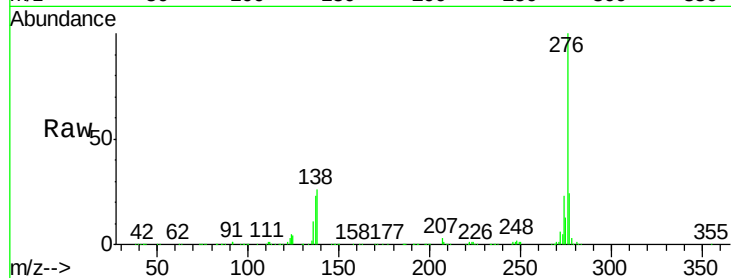
Tot Ion:276 Resp: 1076587

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 25.8 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

