

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032861.D
 Acq On : 27 Feb 2018 19:11
 Operator : SJ/JU
 Sample : J1688-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 02:39:06 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	81251	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	355448	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	205249	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	440143	20.00	ng	0.00
75) Chrysene-d12	22.63	240	402590	20.00	ng	0.00
86) Perylene-d12	26.43	264	434377	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	620292	122.14	ng	0.00
7) Phenol-d6	8.02	99	754464	106.58	ng	0.00
23) Nitrobenzene-d5	10.12	82	531209	101.53	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	306566	142.05	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1159022	81.44	ng	0.00
78) Terphenyl-d14	20.78	244	1612571	89.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.97	88	82861	37.59	ng	90
3) Pyridine	4.44	79	199826	32.89	ng	95
4) n-Nitrosodimethylamine	4.33	42	118535	48.67	ng	# 94
6) Aniline	8.21	93	147958	15.44	ng	96
8) 2-Chlorophenol	8.47	128	268514	48.30	ng	92
9) Benzaldehyde	8.02	77	117415	28.78	ng	92
10) Phenol	8.05	94	291646	40.87	ng	90
11) bis(2-Chloroethyl)ether	8.30	93	256945	44.03	ng	93
12) 1,3-Dichlorobenzene	8.81	146	277020	42.55	ng	97
13) 1,4-Dichlorobenzene	8.96	146	279586	42.66	ng	95
14) 1,2-Dichlorobenzene	9.29	146	264403	42.10	ng	96
15) Benzyl Alcohol	9.16	79	235566	45.27	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.45	45	414381	41.31	ng	96
17) 2-Methylphenol	9.35	107	227402	43.22	ng	95
18) Hexachloroethane	10.05	117	102645	46.00	ng	# 85
19) n-Nitroso-di-n-propylamine	9.74	70	211161	42.25	ng	# 96
20) 3+4-Methylphenols	9.68	107	317279	43.36	ng	94
22) Acetophenone	9.77	105	395650	44.07	ng	# 94
24) Nitrobenzene	10.17	77	290285	50.78	ng	90
25) Isophorone	10.69	82	585624	46.94	ng	# 92
26) 2-Nitrophenol	10.89	139	141982	63.55	ng	89
27) 2,4-Dimethylphenol	10.92	122	292857	54.04	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	356497	49.05	ng	95
29) 2,4-Dichlorophenol	11.43	162	257003	52.25	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	250984	43.53	ng	96
31) Naphthalene	11.86	128	861575	46.39	ng	99
32) Benzoic acid	10.98	122	18808	12.26	ng	# 78
33) 4-Chloroaniline	11.95	127	101061	12.17	ng	95
34) Hexachlorobutadiene	12.12	225	132344	40.92	ng	98
35) Caprolactam	12.69	113	73684	37.41	ng	91
36) 4-Chloro-3-methylphenol	13.00	107	304104	53.13	ng	91
37) 2-Methylnaphthalene	13.41	142	619575	46.11	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	256718	42.13	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	288237	92.83	ng	93

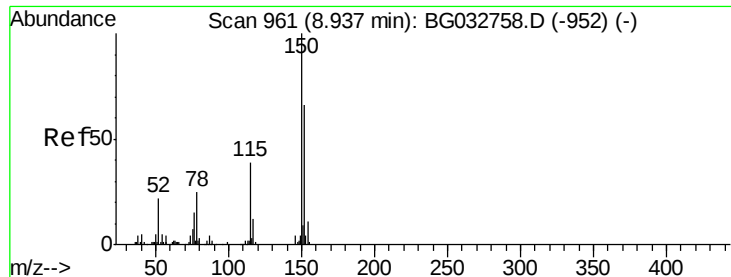
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	198558	51.68	nq	96
43) 2,4,5-Trichlorophenol	14.05	196	217620	48.94	nq	# 98
45) 1,1'-Biphenyl	14.38	154	773532	43.13	nq	93
46) 2-Chloronaphthalene	14.44	162	584363	43.62	nq	98
47) 2-Nitroaniline	14.61	65	204196	57.89	nq	91
48) Acenaphthylene	15.27	152	952281	43.41	nq	96
49) Dimethylphthalate	14.97	163	767991	44.07	nq	99
50) 2,6-Dinitrotoluene	15.09	165	172657	57.66	nq	91
51) Acenaphthene	15.60	154	618628	45.28	nq	98
52) 3-Nitroaniline	15.42	138	86607	28.00	nq	# 81
53) 2,4-Dinitrophenol	15.62	184	58150	67.91	nq	# 1
54) Dibenzofuran	15.93	168	894174	45.97	nq	93
55) 4-Nitrophenol	15.69	139	247006	85.97	nq	# 78
56) 2,4-Dinitrotoluene	15.86	165	236455	64.06	nq	86
57) Fluorene	16.57	166	727596	45.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	180796	52.36	nq	94
59) Diethylphthalate	16.30	149	810512	44.09	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	357365	45.50	nq	92
61) 4-Nitroaniline	16.58	138	171555	45.75	nq	# 80
62) Azobenzene	16.84	77	741448	45.09	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	61776	48.19	nq	98
65) n-Nitrosodiphenylamine	16.76	169	671913	46.93	nq	96
66) 4-Bromophenyl-phenylether	17.44	248	217848	46.81	nq	# 88
67) Hexachlorobenzene	17.57	284	223157	44.37	nq	95
68) Atrazine	17.68	200	225910	47.93	nq	96
69) Pentachlorophenol	17.90	266	227702	71.88	nq	98
70) Phenanthrene	18.31	178	1125684	45.84	nq	96
71) Anthracene	18.40	178	1143400	46.38	nq	97
72) Carbazole	18.65	167	1074397	44.22	nq	# 96
73) Di-n-butylphthalate	19.15	149	1327999	44.55	nq	98
74) Fluoranthene	20.26	202	1240255	45.72	nq	92
76) Benzidine	20.41	184	164438	11.98	nq	97
77) Pyrene	20.62	202	1251179	44.07	nq	95
79) Butylbenzylphthalate	21.48	149	634757	50.43	nq	93
80) Benzo(a)anthracene	22.60	228	1198861	46.44	nq	98
81) 3,3'-Dichlorobenzidine	22.48	252	177748	18.59	nq	# 97
82) Chrysene	22.68	228	1123010	45.54	nq	96
83) Bis(2-ethylhexyl)phthalate	22.44	149	901914	48.41	nq	# 98
84) Di-n-octyl phthalate	23.87	149	1538418	54.17	nq	98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1381758	48.04	nq	94
87) Benzo(b)fluoranthene	25.21	252	1217578	47.41	nq	# 97
88) Benzo(k)fluoranthene	25.29	252	1173688	45.98	nq	# 94
89) Benzo(a)pyrene	26.26	252	1172141	47.98	nq	# 95
90) Dibenzo(a,h)anthracene	30.96	278	1159257	47.15	nq	# 93
91) Benzo(g,h,i)perylene	32.27	276	1147720	47.35	nq	# 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: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

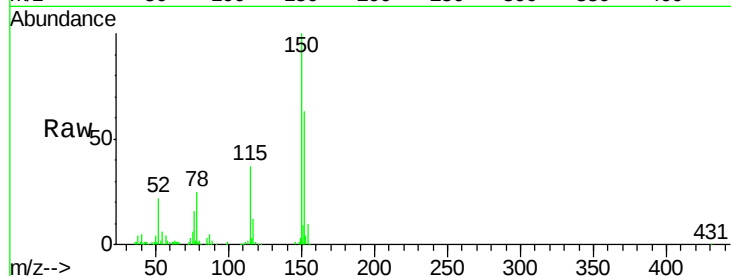
Tot Ion:152 Resp: 81251

Ion Ratio Lower Upper

152 100

150 157.7 126.6 189.8

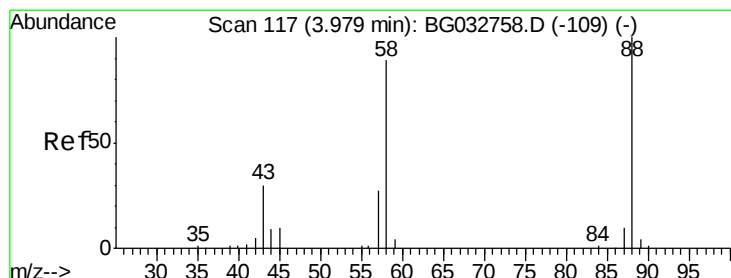
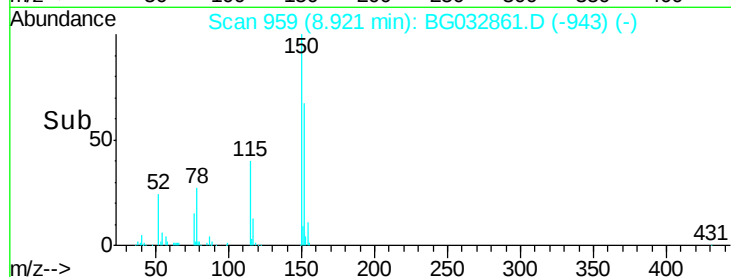
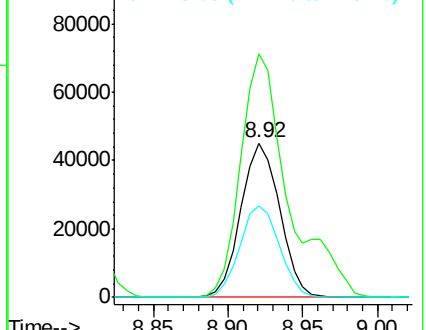
115 58.9 53.0 79.4



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: 37.59 ng

RT: 3.97 min Scan# 117

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

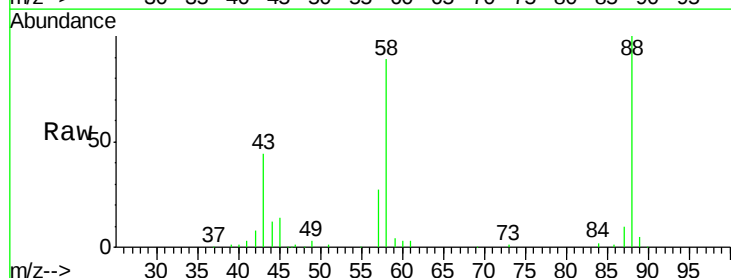
Tgt Ion: 88 Resp: 82861

Ion Ratio Lower Upper

88 100

58 87.3 79.6 119.4

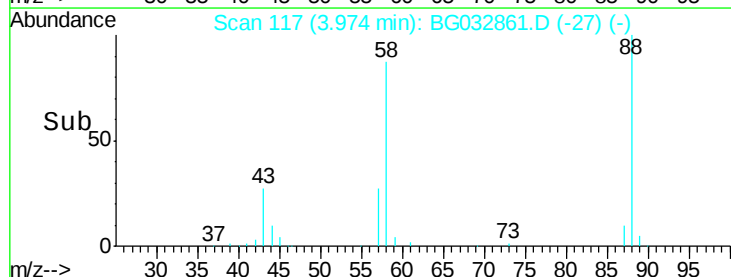
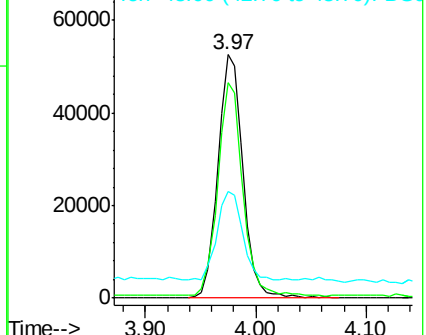
43 36.6 27.4 41.0

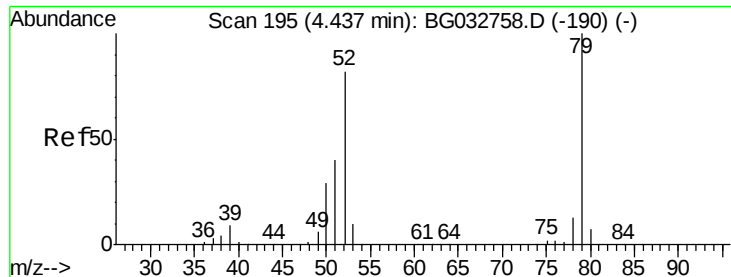


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.89 ng

RT: 4.44 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

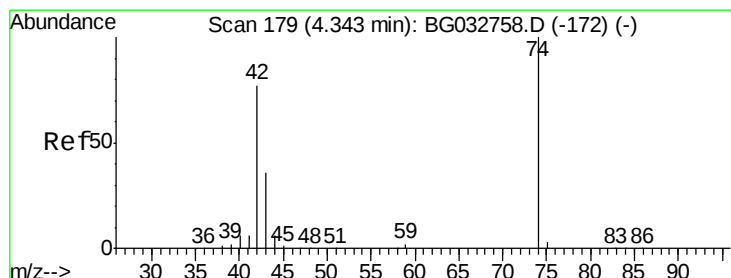
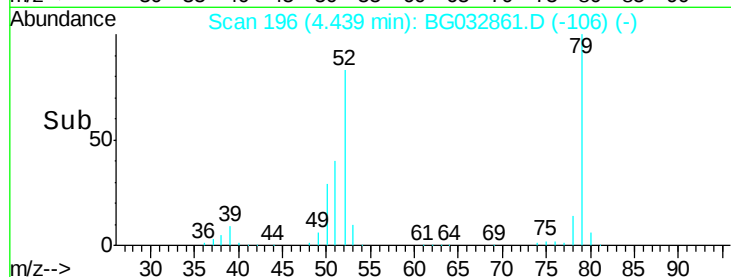
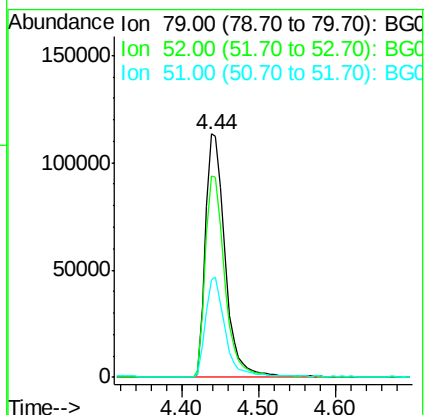
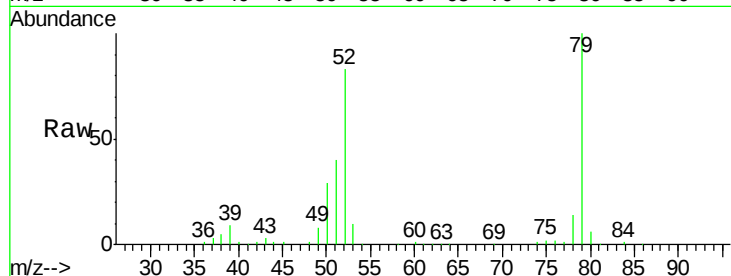
Tot Ion: 79 Resp: 199826

Ion Ratio Lower Upper

79 100

52 82.6 69.9 104.9

51 40.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 48.67 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

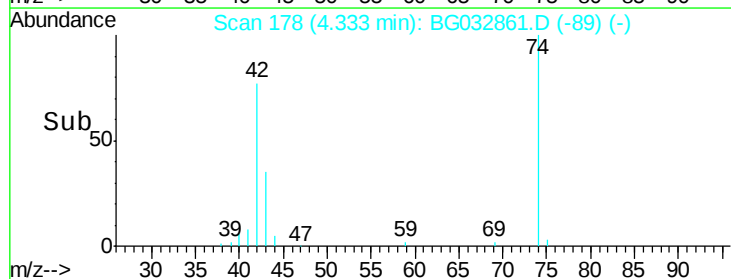
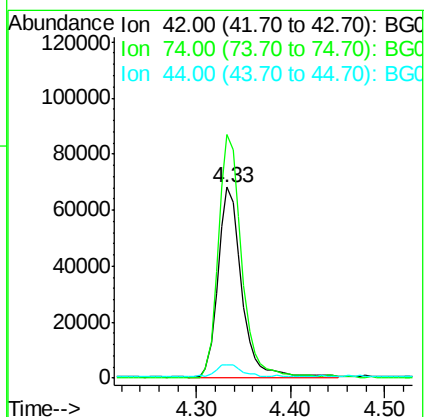
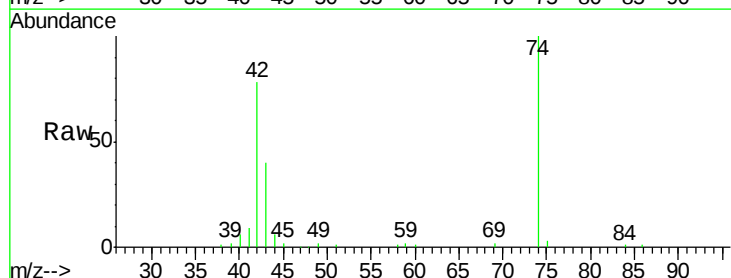
Tgt Ion: 42 Resp: 118535

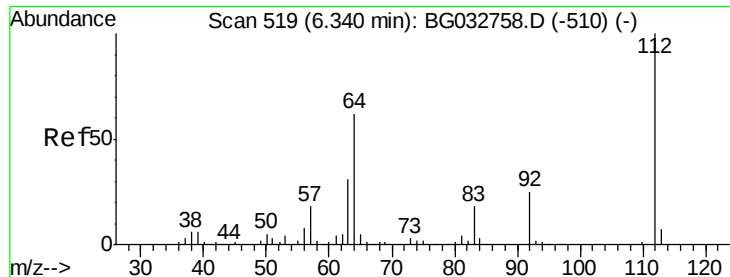
Ion Ratio Lower Upper

42 100

74 127.7 102.5 153.7

44 7.2 18.9 28.3





#5

2-Fluorophenol

Concen: 122.14 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032861.D

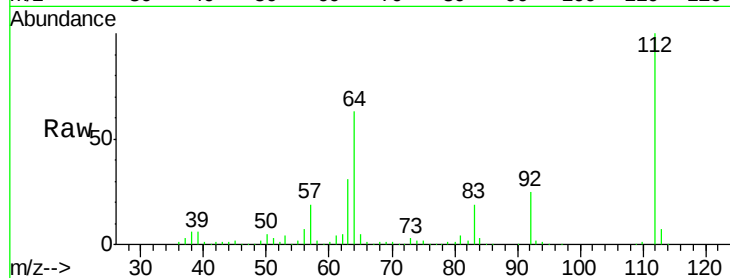
Acq: 27 Feb 2018 19:11

Instrument :

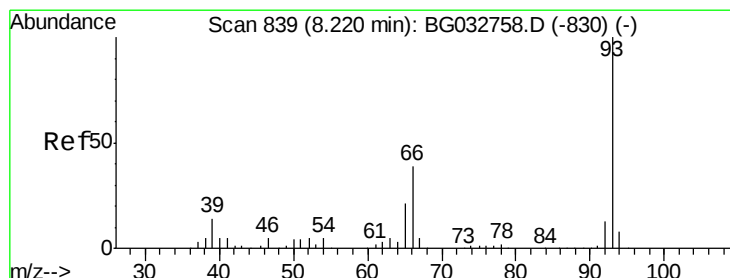
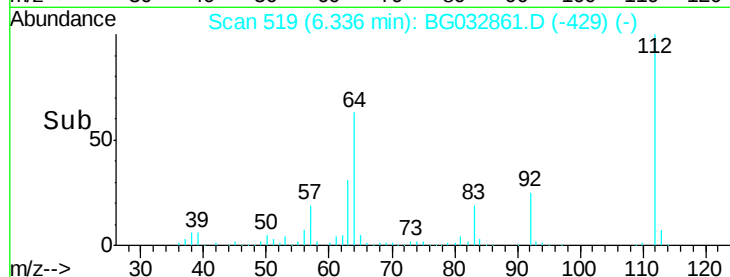
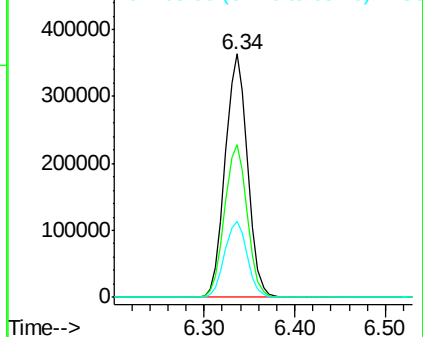
BNA_G

ClientSampled :

Tot Ion:	112	Resp:	620292
Ion	Ratio	Lower	Upper
112	100		
64	62.9	56.3	84.5
63	31.4	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: 15.44 ng

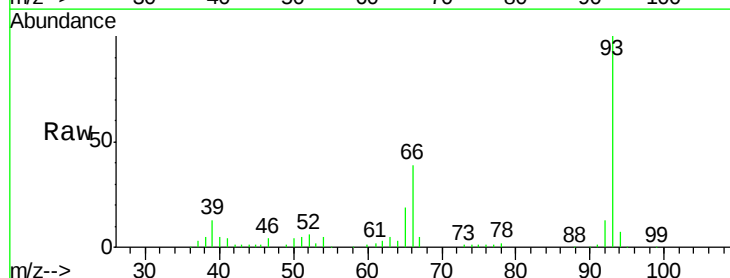
RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

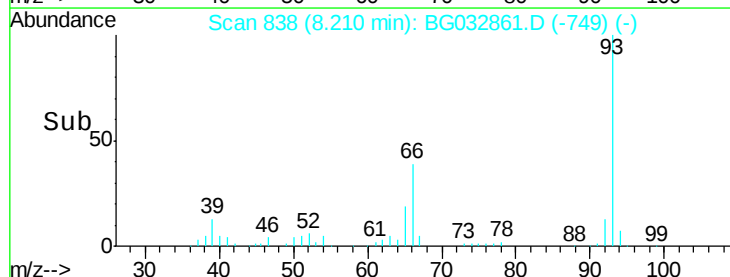
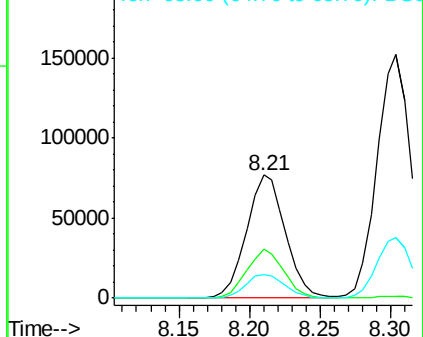
Lab File: BG032861.D

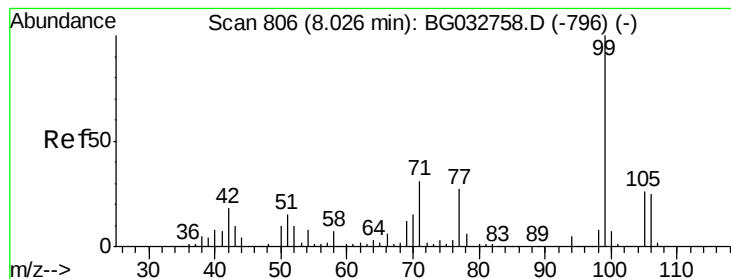
Acq: 27 Feb 2018 19:11

Tgt Ion:	93	Resp:	147958
Ion	Ratio	Lower	Upper
93	100		
66	39.4	33.7	50.5
65	19.2	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: 106.58 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampled :

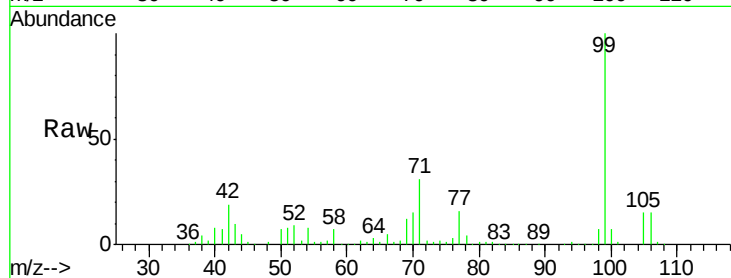
Tot Ion: 99 Resp: 754464

Ion Ratio Lower Upper

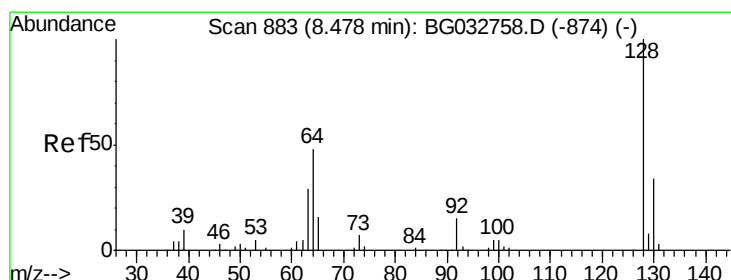
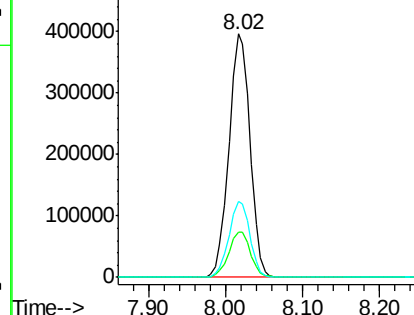
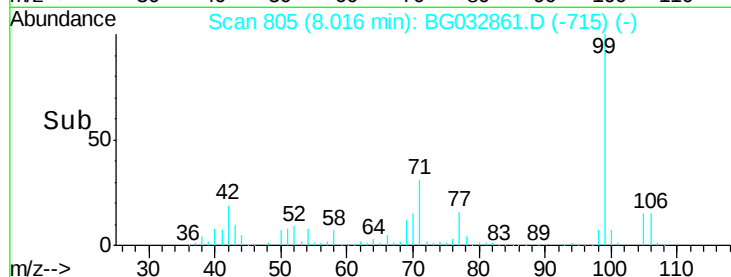
99 100

42 18.8 14.1 21.1

71 31.5 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: 48.30 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

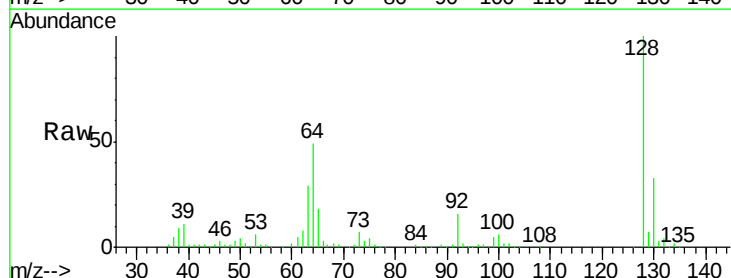
Tgt Ion:128 Resp: 268514

Ion Ratio Lower Upper

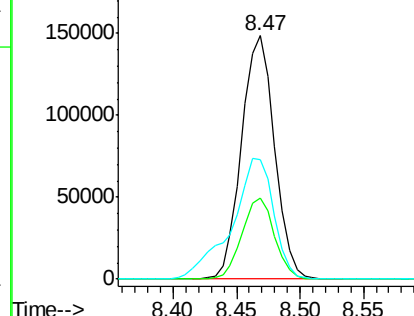
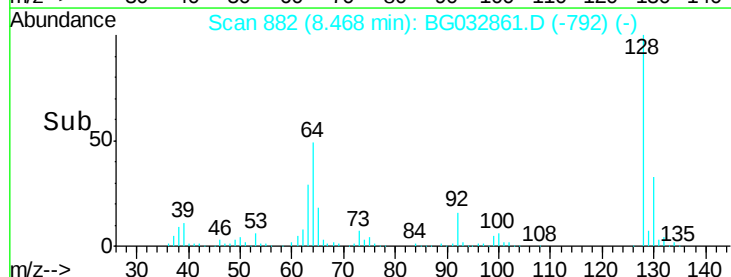
128 100

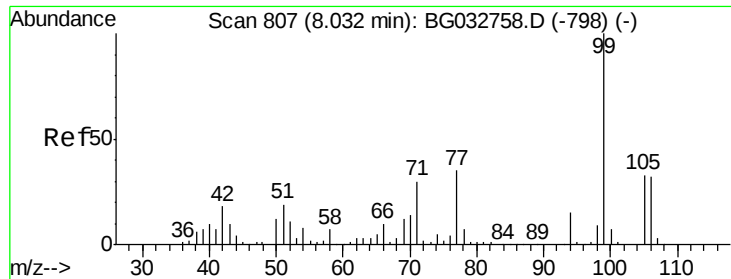
130 33.1 14.0 54.0

64 49.0 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: 28.78 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

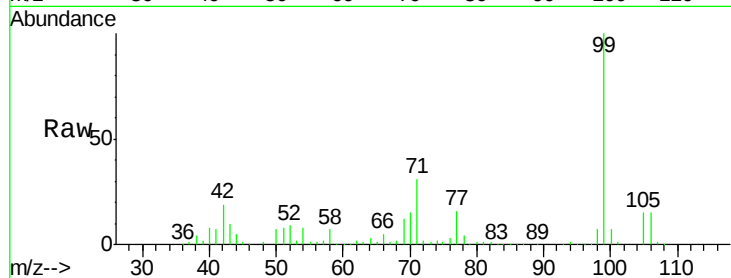
Tot Ion: 77 Resp: 117415

Ion Ratio Lower Upper

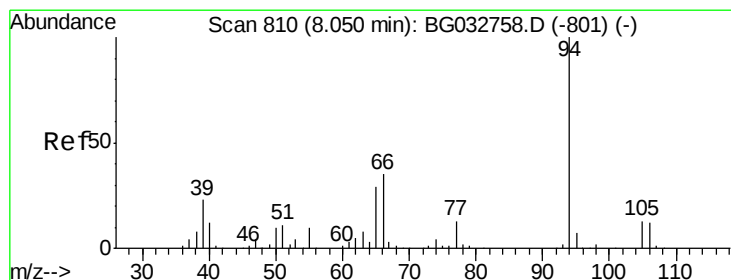
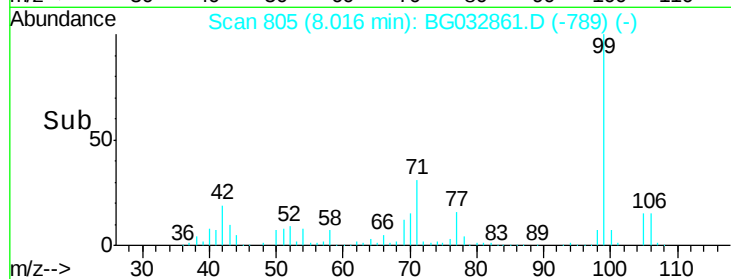
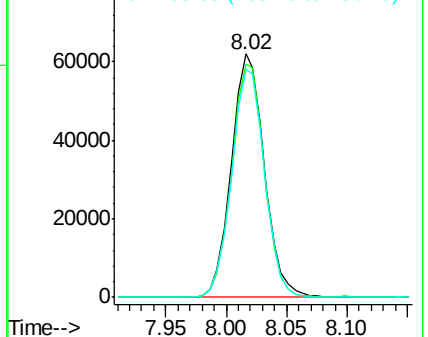
77 100

105 96.0 71.3 111.3

106 93.8 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: 40.87 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

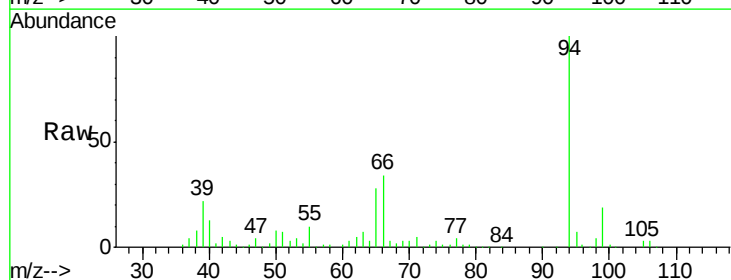
Tgt Ion: 94 Resp: 291646

Ion Ratio Lower Upper

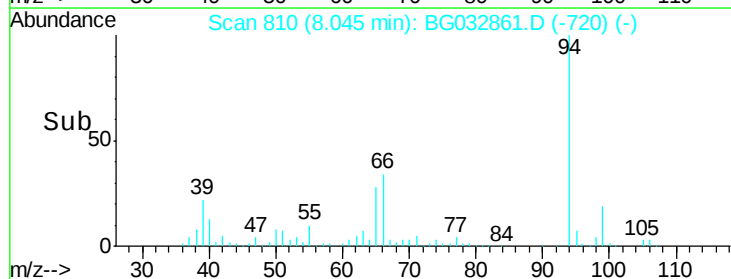
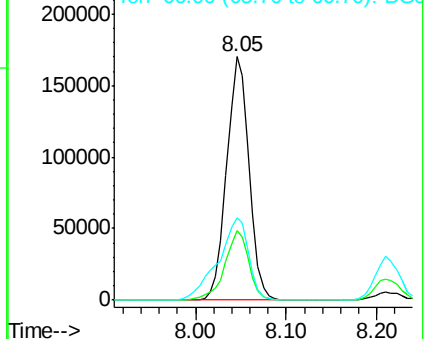
94 100

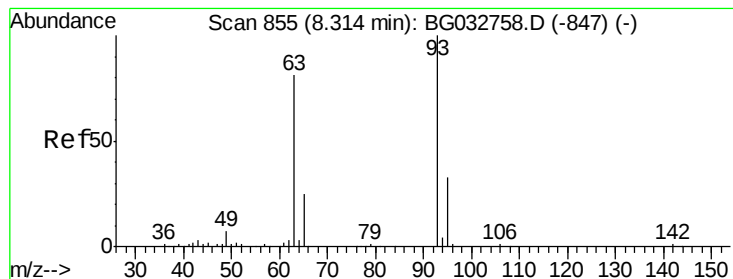
65 28.3 11.9 51.9

66 34.1 22.2 62.2



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

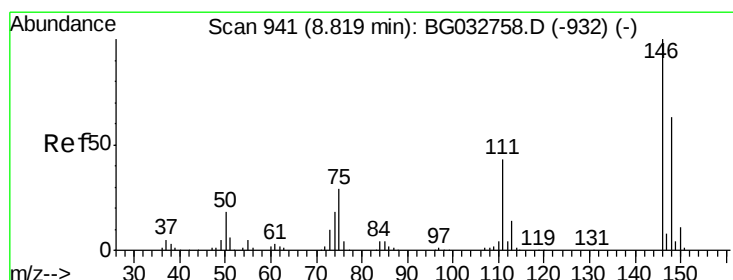
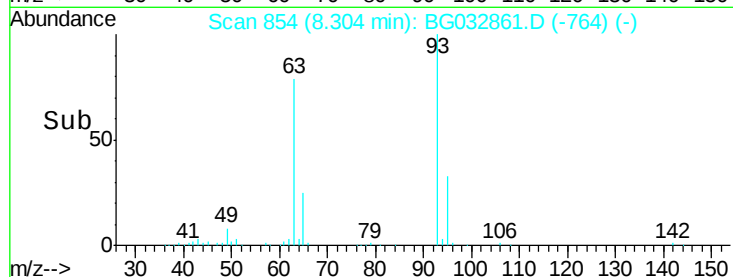
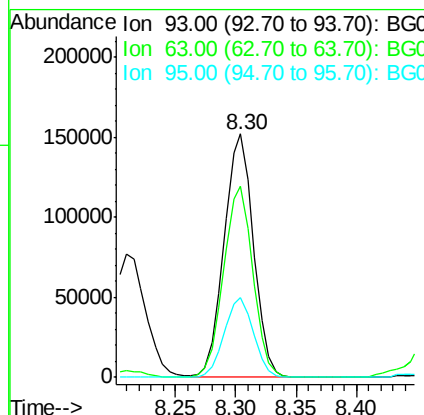
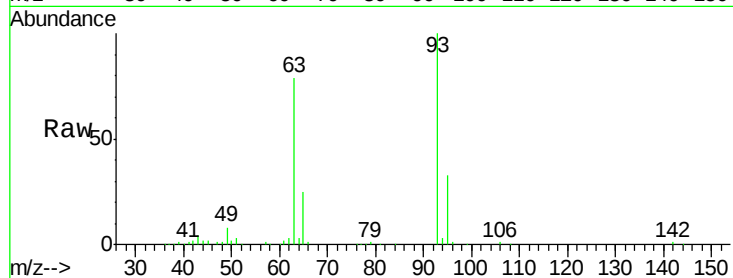




#11
bis(2-Chloroethyl)ether
Concen: 44.03 ng
RT: 8.30 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

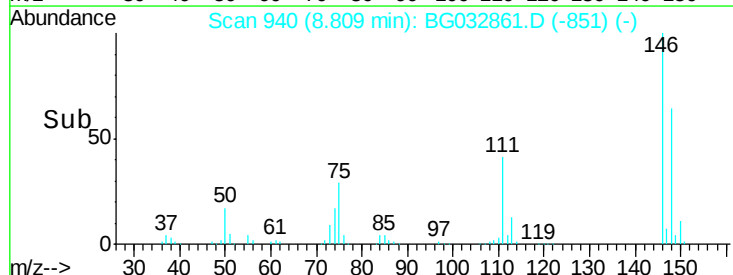
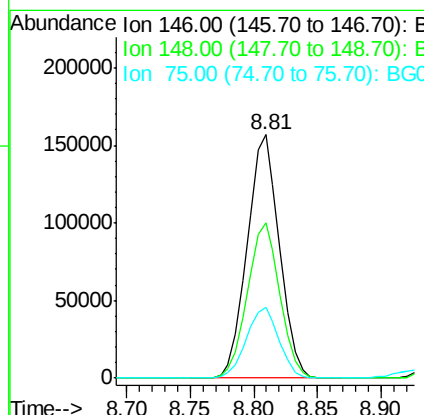
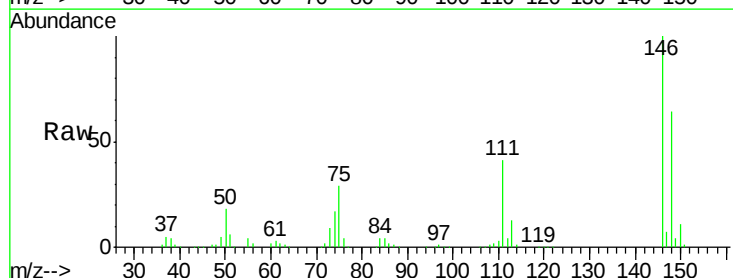
Instrument :
BNA_G
ClientSampleId :

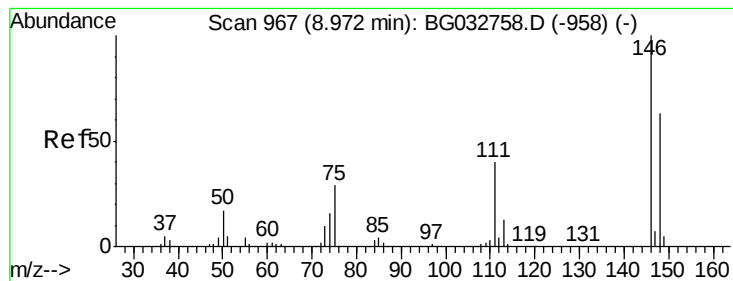
Tot Ion: 93 Resp: 256945
Ion Ratio Lower Upper
93 100
63 78.6 67.1 107.1
95 32.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.55 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion: 146 Resp: 277020
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 29.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.66 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

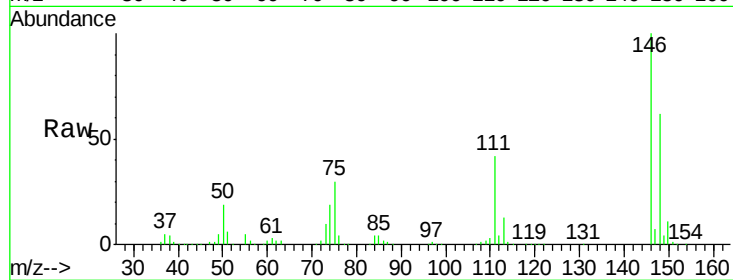
Tot Ion:146 Resp: 279586

Ion Ratio Lower Upper

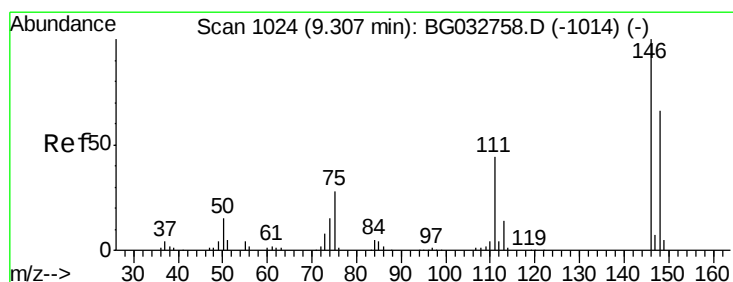
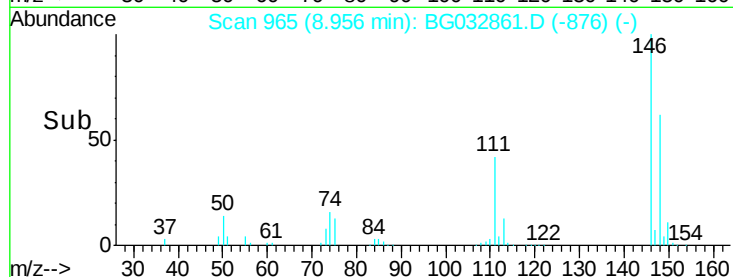
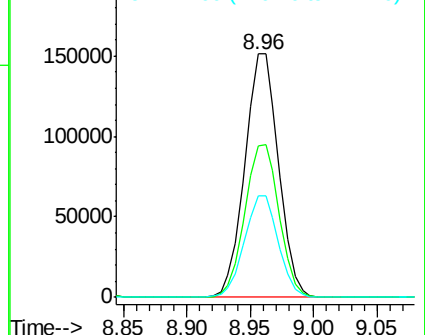
146 100

148 62.3 53.7 80.5

111 41.7 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: 42.10 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

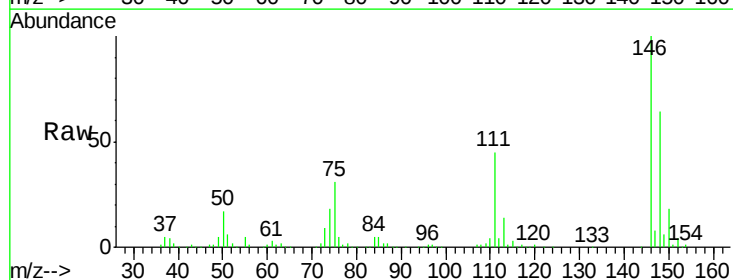
Tgt Ion:146 Resp: 264403

Ion Ratio Lower Upper

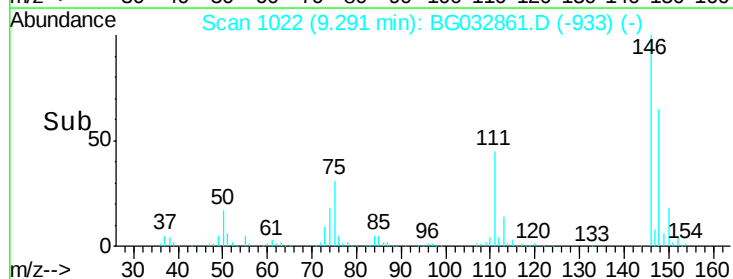
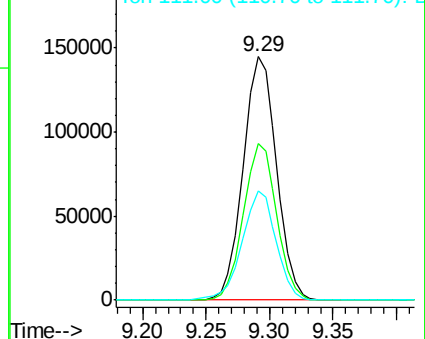
146 100

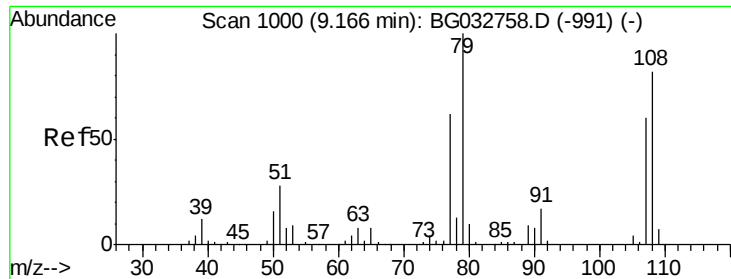
148 64.5 49.3 73.9

111 45.0 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

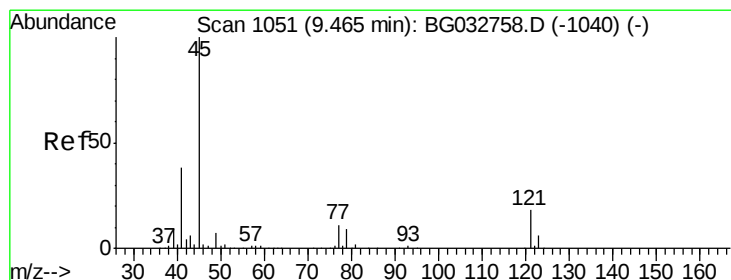
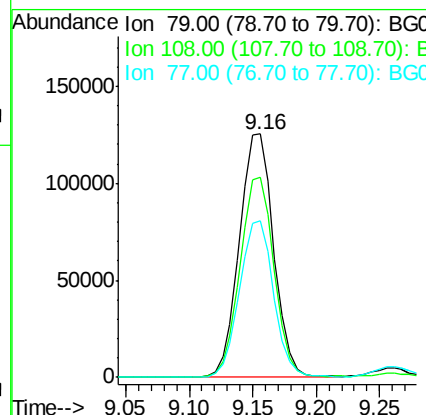
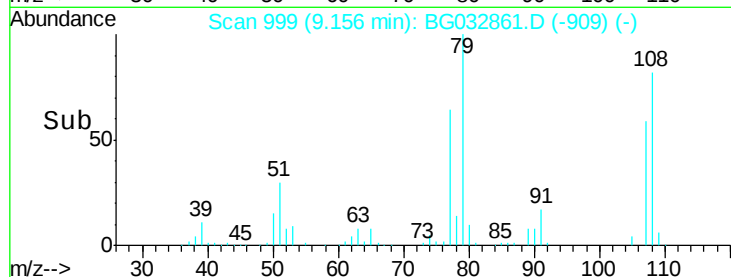
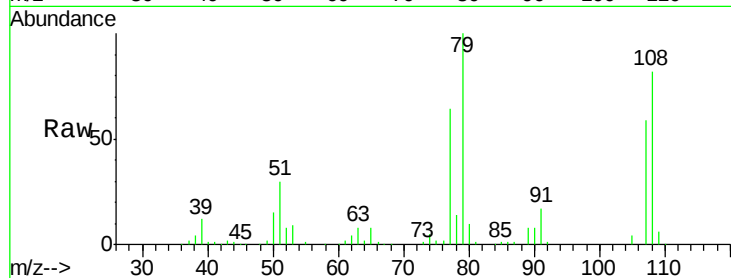




#15
Benzyl Alcohol
Concen: 45.27 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

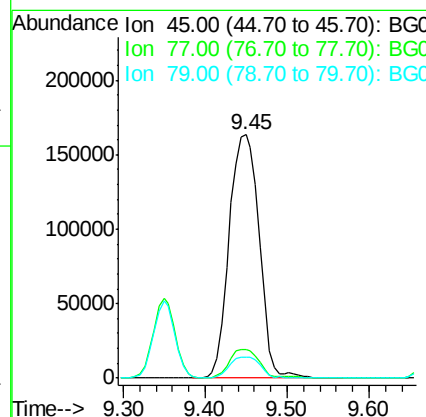
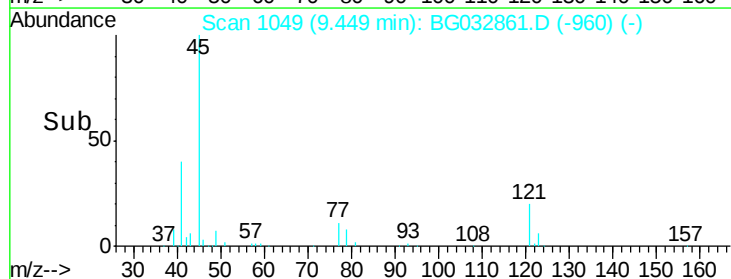
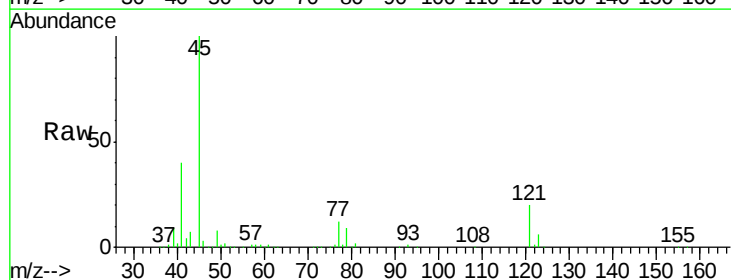
Instrument :
BNA_G
ClientSampleId :

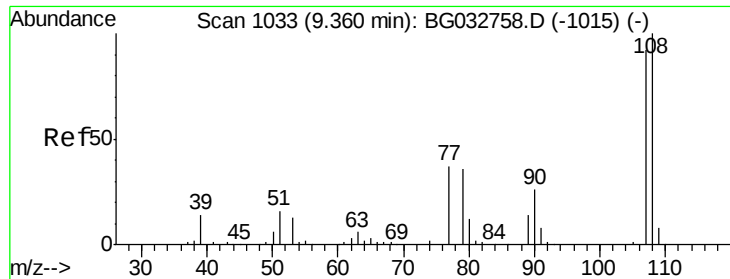
Tot Ion: 79 Resp: 235566
Ion Ratio Lower Upper
79 100
108 82.4 57.2 85.8
77 64.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.31 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion: 45 Resp: 414381
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.2
79 8.7 0.0 27.9





#17

2-Methylphenol

Concen: 43.22 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 227402

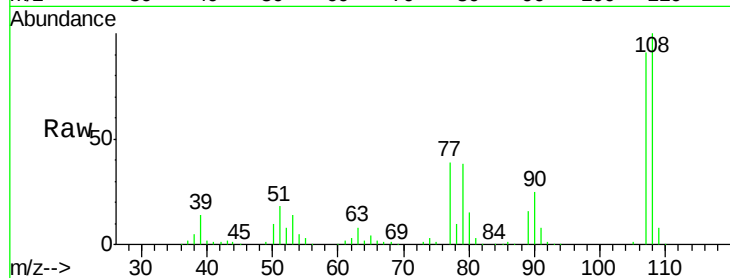
Ion Ratio Lower Upper

107 100

108 109.4 83.9 125.9

77 42.4 37.2 55.8

79 41.3 36.2 54.2

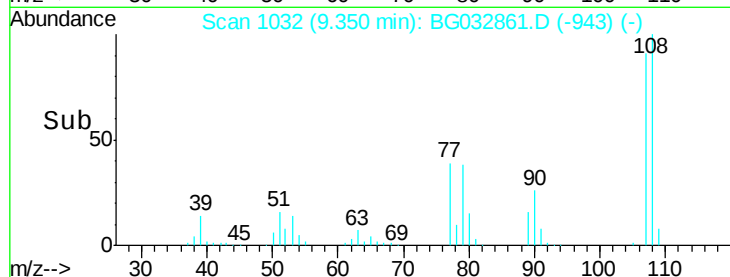


Abundance Ion 107.00 (106.70 to 107.70): E

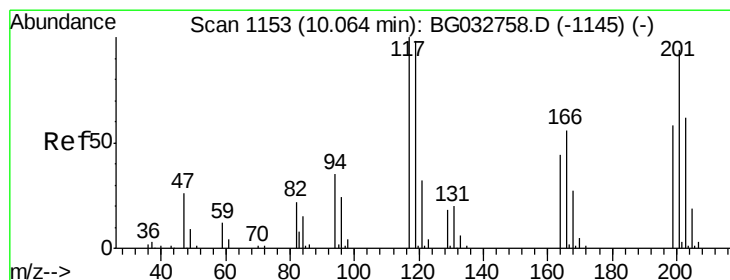
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 46.00 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

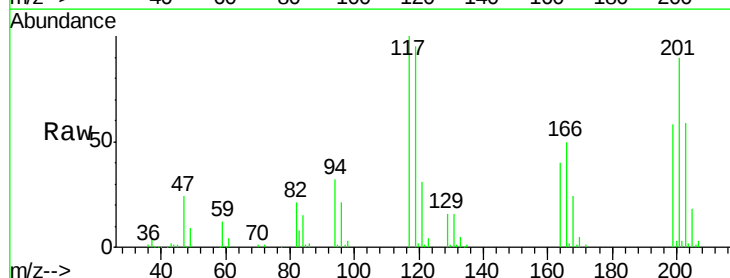
Tgt Ion:117 Resp: 102645

Ion Ratio Lower Upper

117 100

119 95.1 76.7 115.1

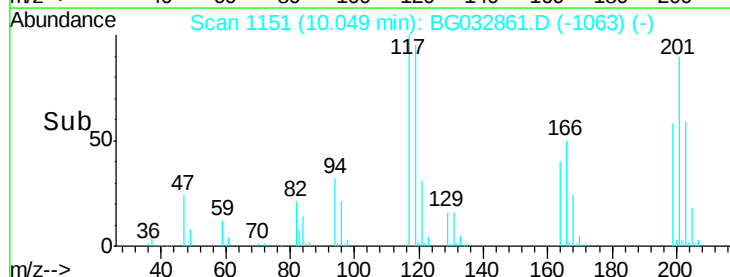
201 89.7 95.7 143.5#



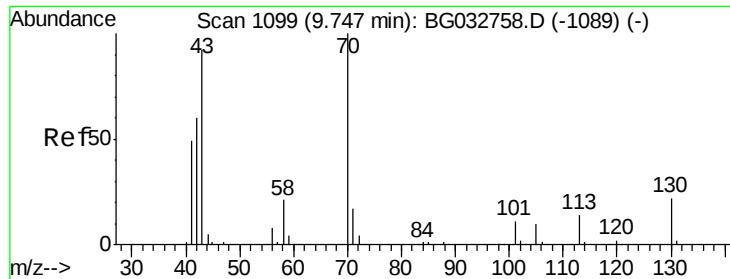
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 42.25 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 211161

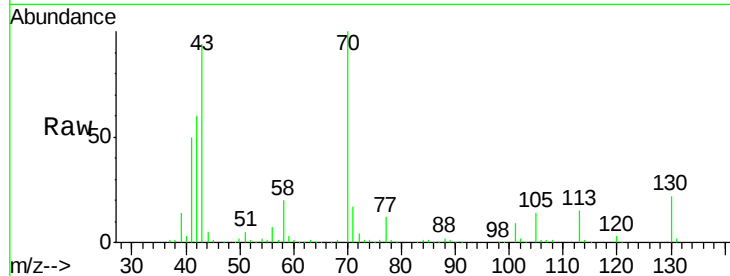
Ion Ratio Lower Upper

70 100

42 60.0 49.1 73.7

101 9.2 8.5 12.7

130 21.6 13.4 20.0#

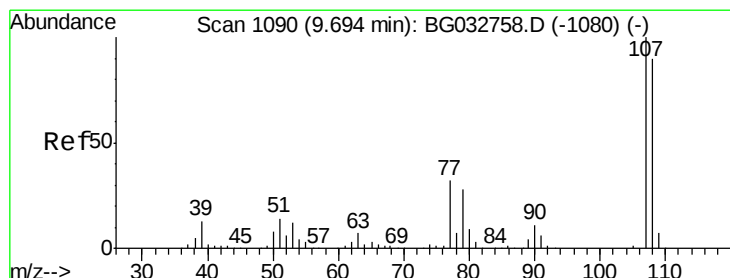
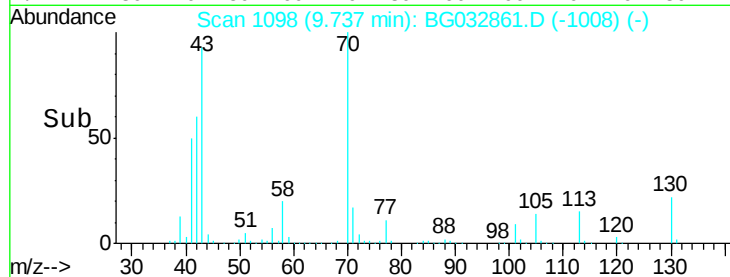
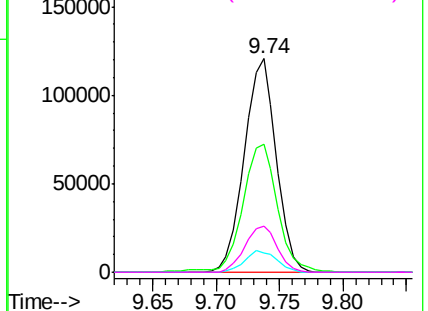


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.36 ng

RT: 9.68 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Tgt Ion: 107 Resp: 317279

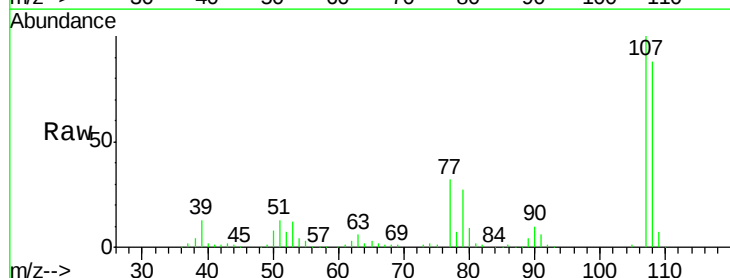
Ion Ratio Lower Upper

107 100

108 88.4 61.6 101.6

77 31.6 13.9 53.9

79 26.5 8.8 48.8

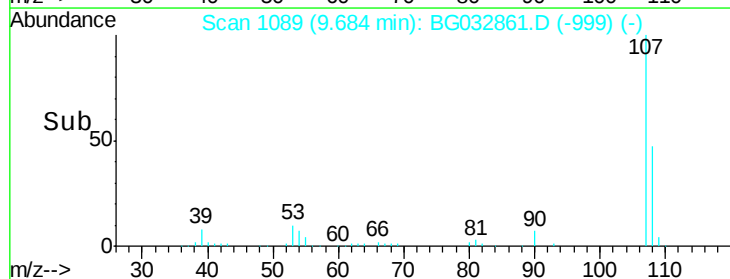
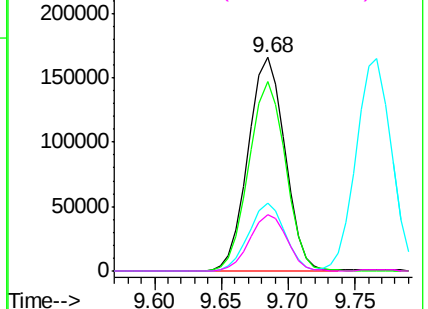


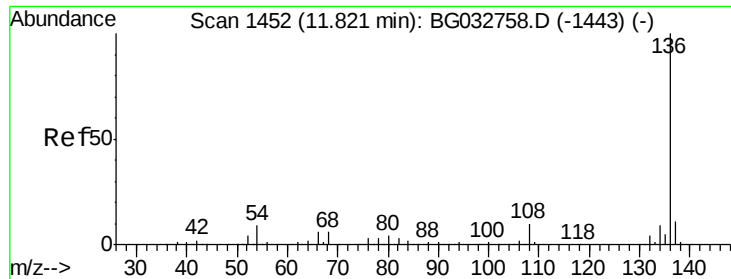
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

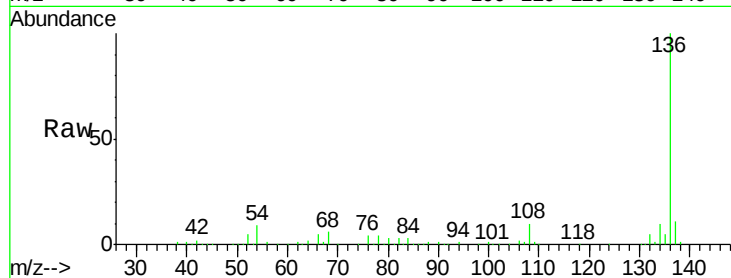




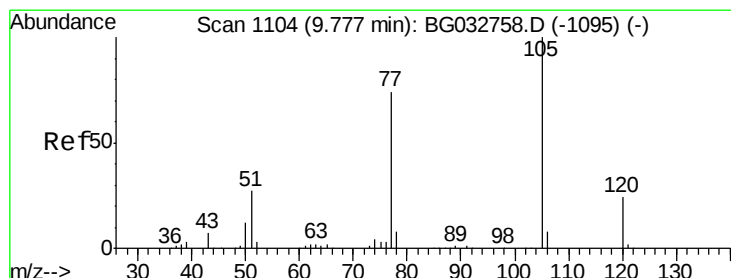
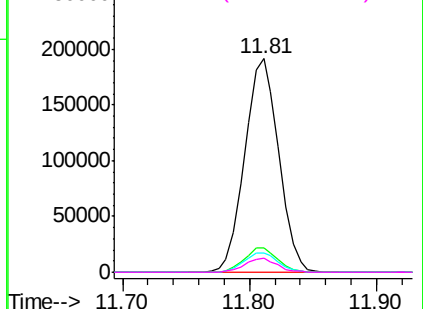
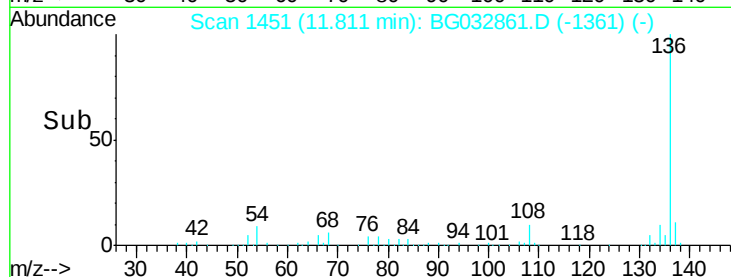
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	355448
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	9.2	10.3 15.5#
68	6.3	4.5 6.7

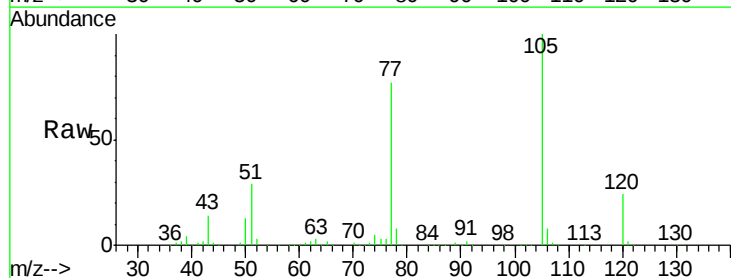


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

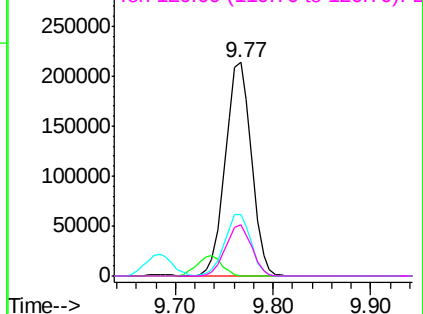
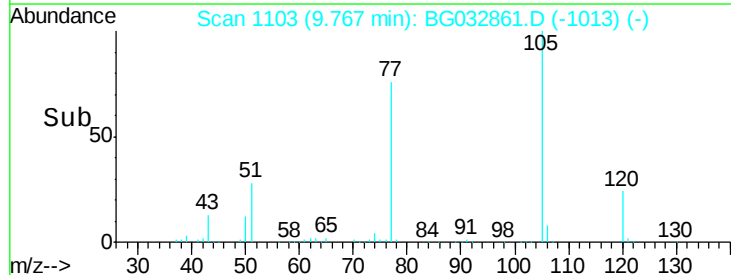


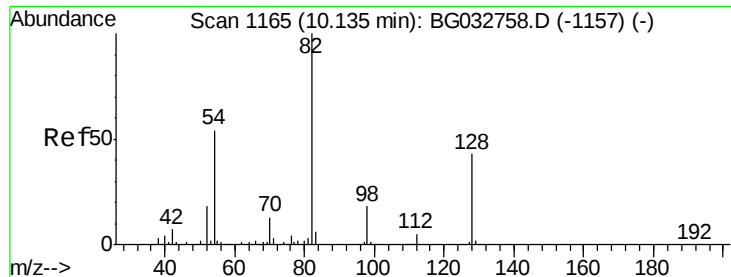
#22
Acetophenone
Concen: 44.07 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:105	Resp:	395650
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	28.6	26.1 39.1
120	23.8	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

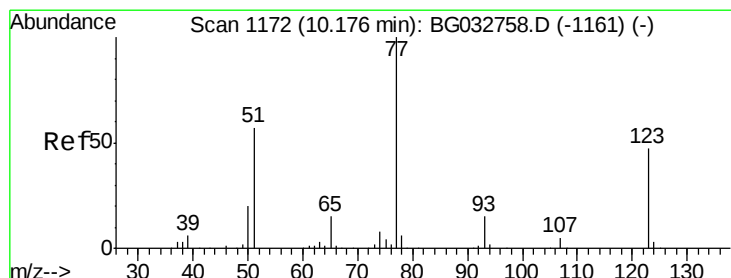
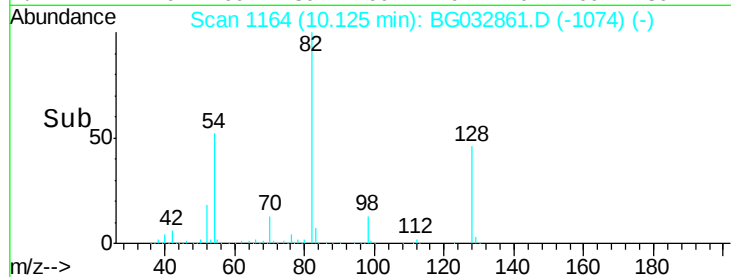
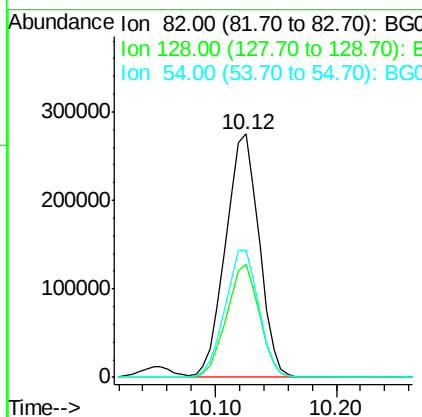
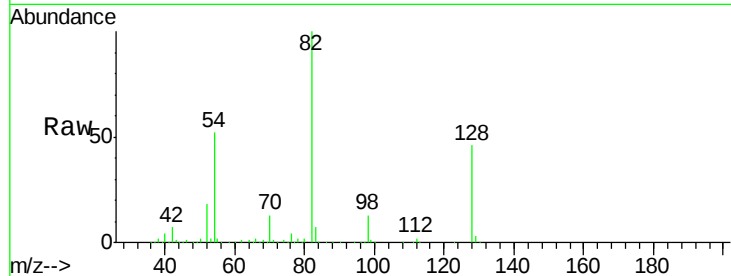




#23
 Nitrobenzene-d5
 Concen: 101.53 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

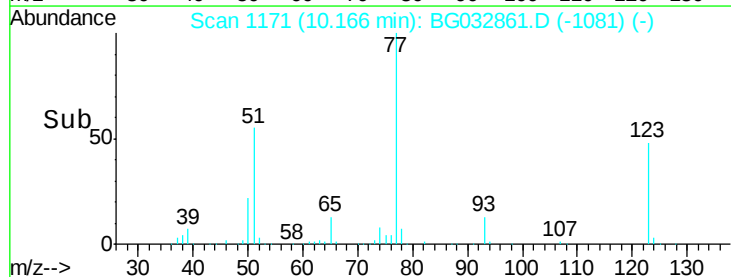
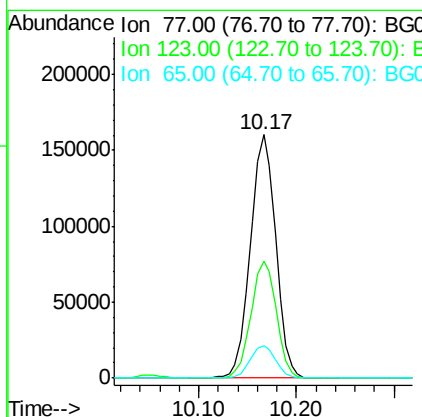
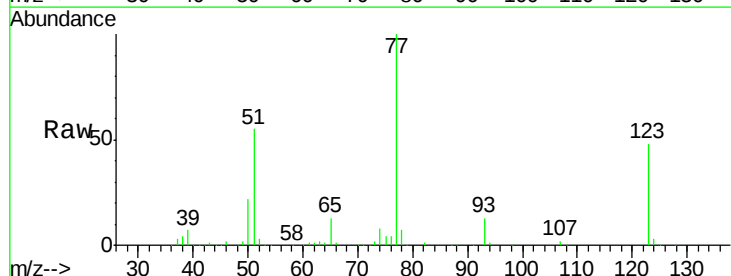
Instrument :
 BNA_G
 ClientSampleId :

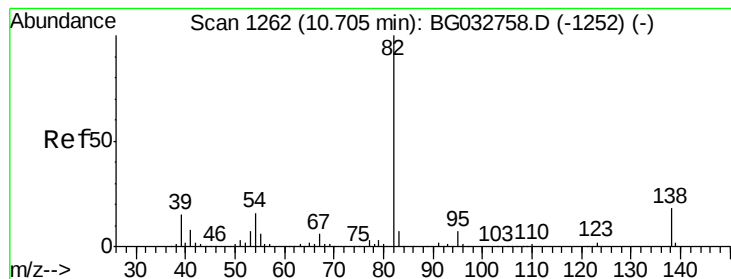
Tot Ion	82.00	Resp	531209
Ion Ratio	Lower	Upper	
82	100		
128	46.4	29.7	44.5#
54	52.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.78 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion	77.00	Resp	290285
Ion Ratio	Lower	Upper	
77	100		
123	48.2	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 46.94 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

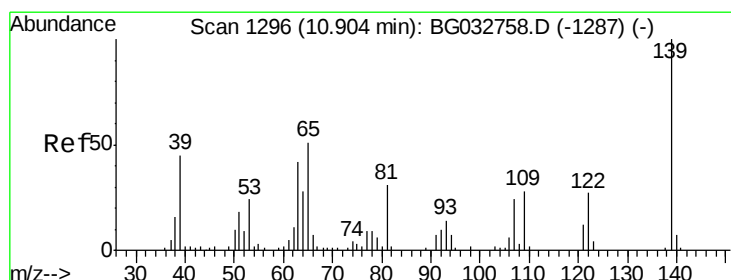
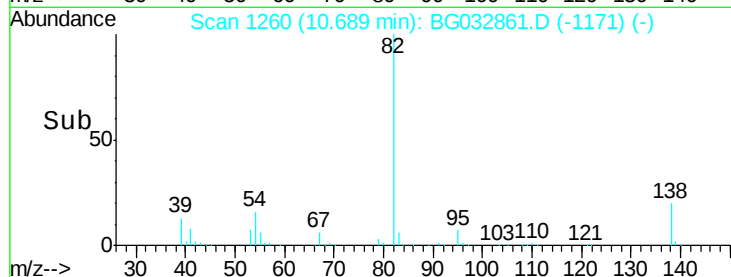
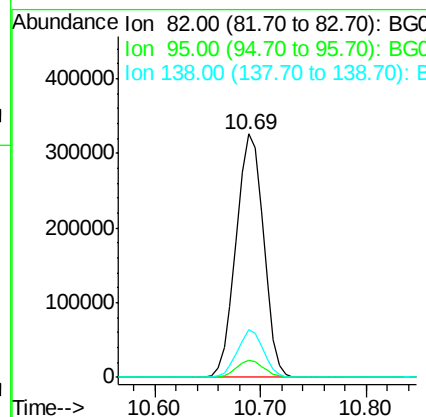
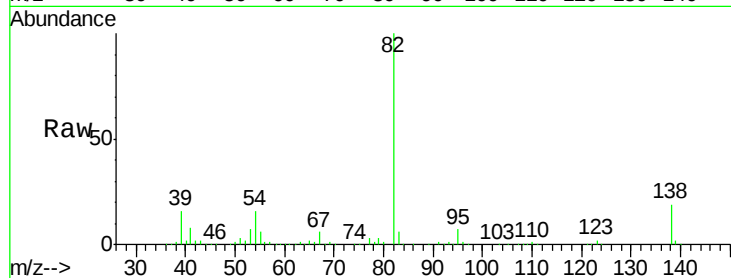
Tot Ion: 82 Resp: 585624

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 19.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 63.55 ng

RT: 10.89 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

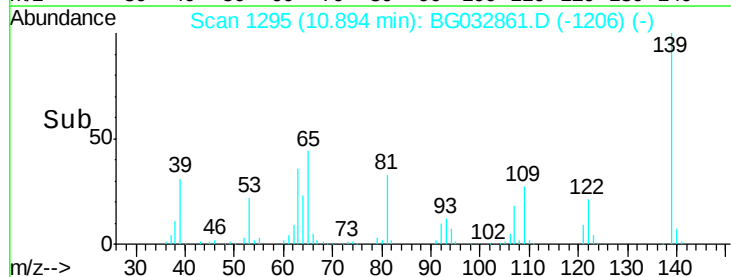
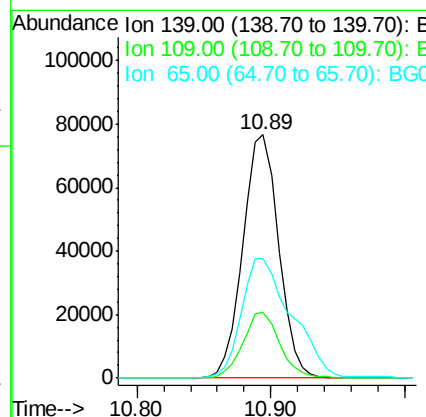
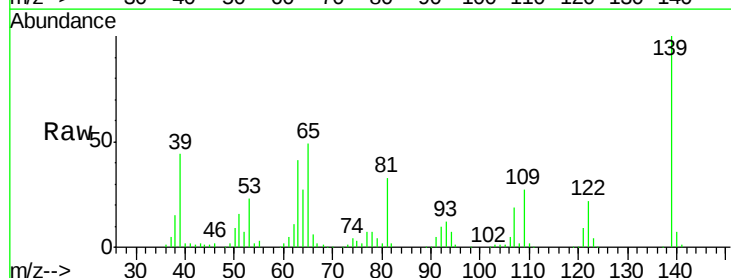
Tgt Ion: 139 Resp: 141982

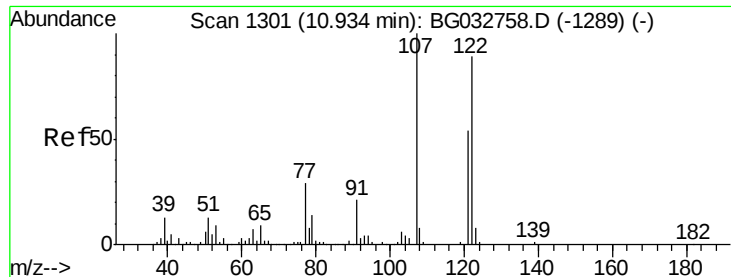
Ion Ratio Lower Upper

139 100

109 27.1 24.2 36.2

65 49.2 47.4 71.0

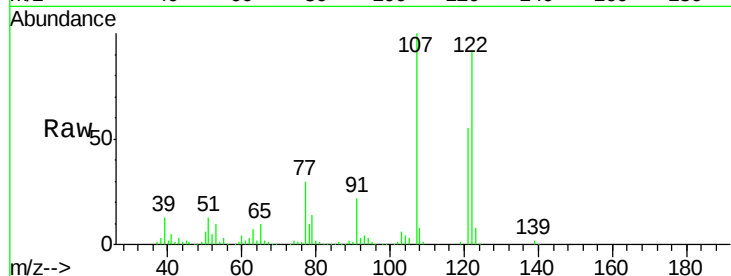




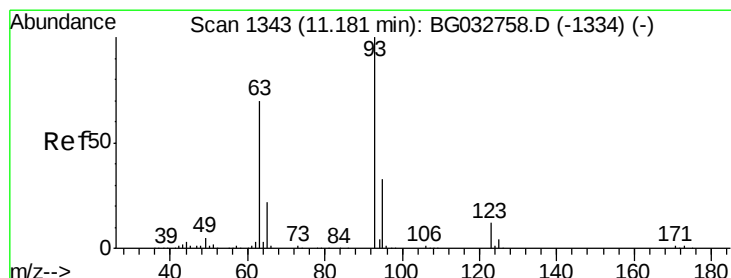
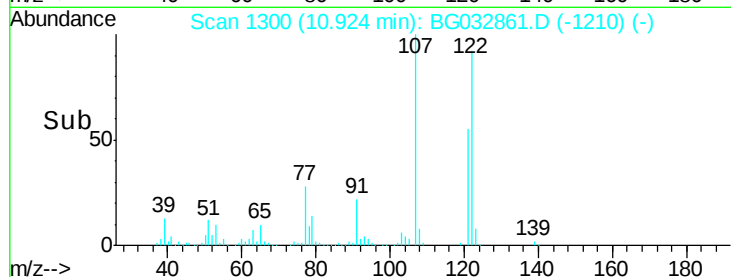
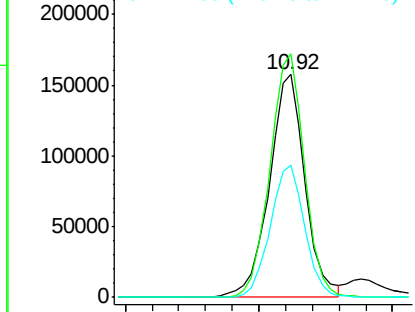
#27
2,4-Dimethylphenol
Concen: 54.04 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 292857
Ion Ratio Lower Upper
122 100
107 109.3 100.2 150.2
121 59.6 44.4 66.6

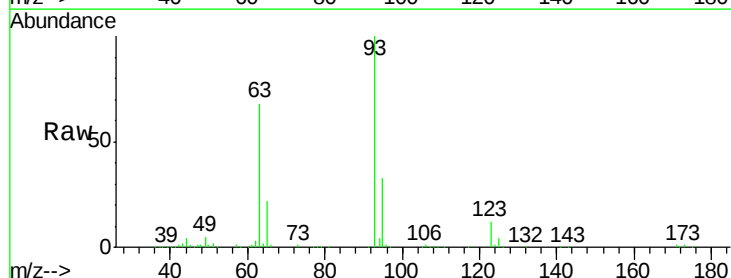


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

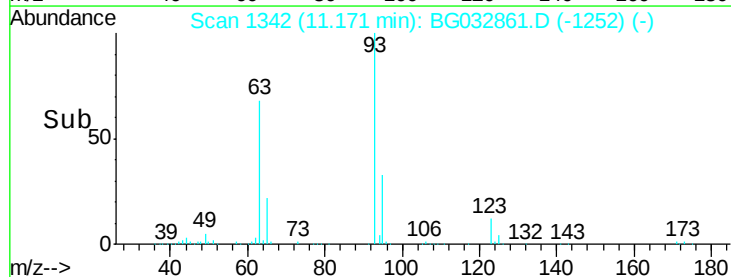
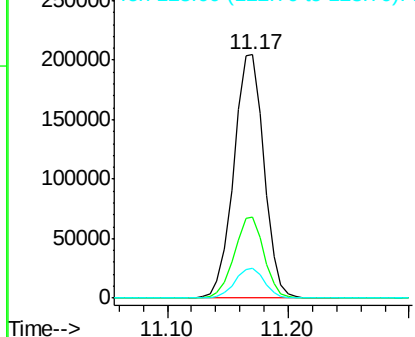


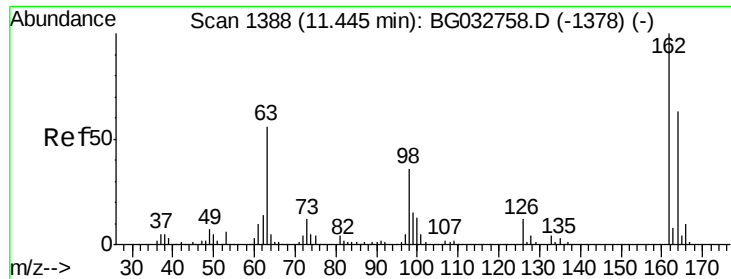
#28
bis(2-Chloroethoxy)methane
Concen: 49.05 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion: 93 Resp: 356497
Ion Ratio Lower Upper
93 100
95 33.1 24.3 36.5
123 12.3 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

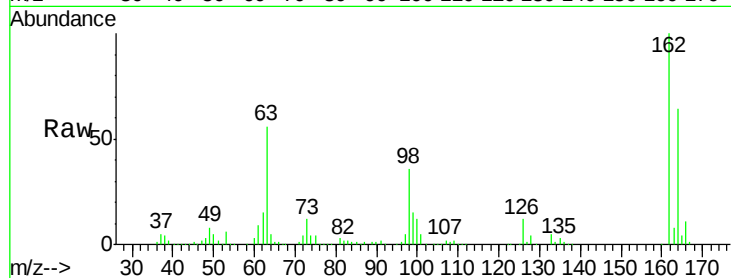




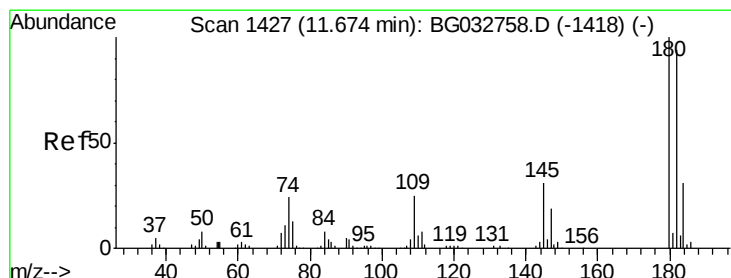
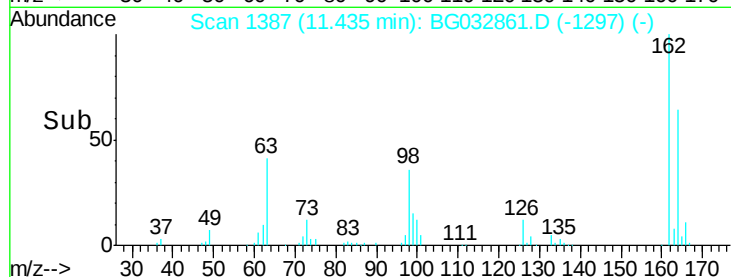
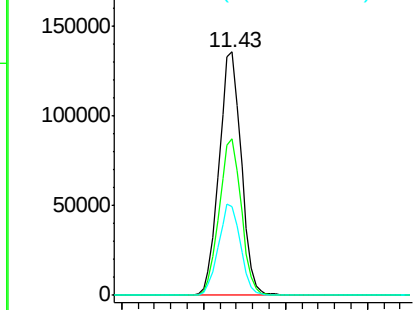
#29
 2,4-Dichlorophenol
 Concen: 52.25 ng
 RT: 11.43 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	36.4	21.1	61.1

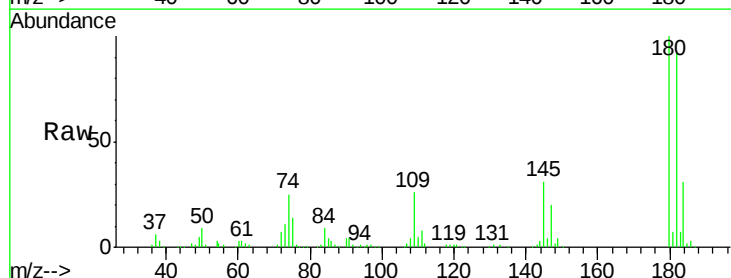


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

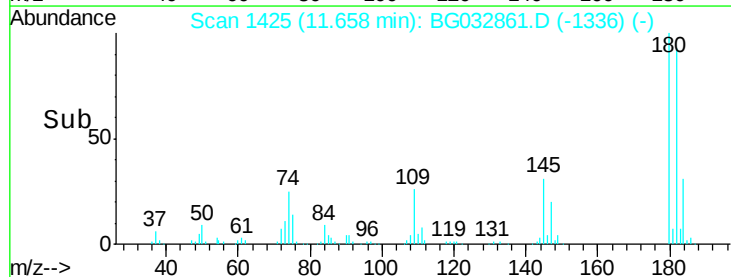
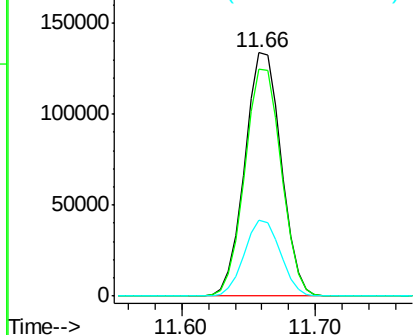


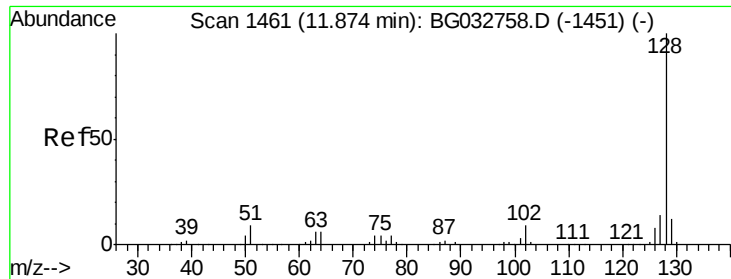
#30
 1,2,4-Trichlorobenzene
 Concen: 43.53 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.5	116.3
145	31.2	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

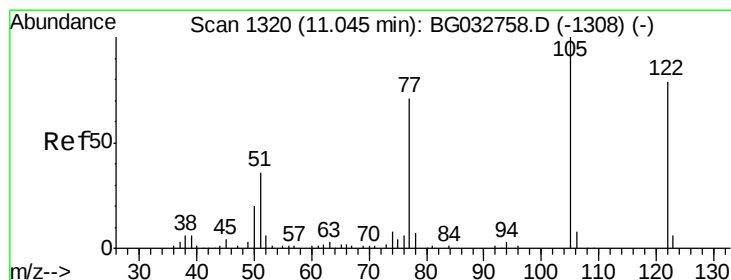
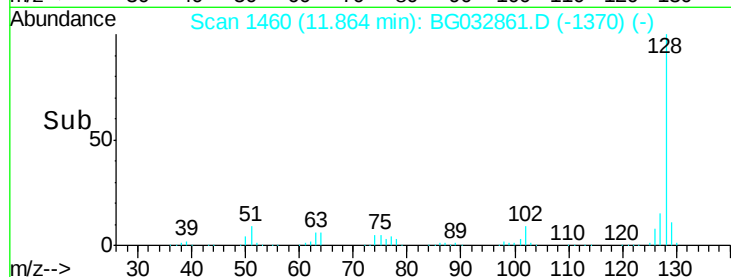
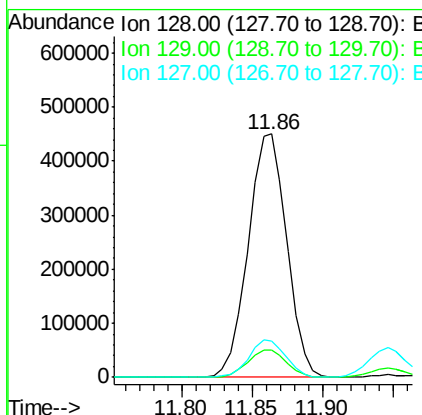
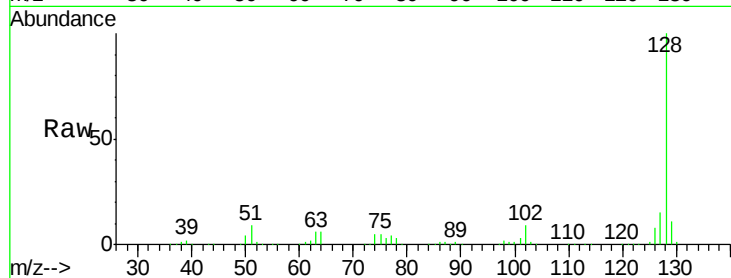




#31
Naphthalene
Concen: 46.39 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

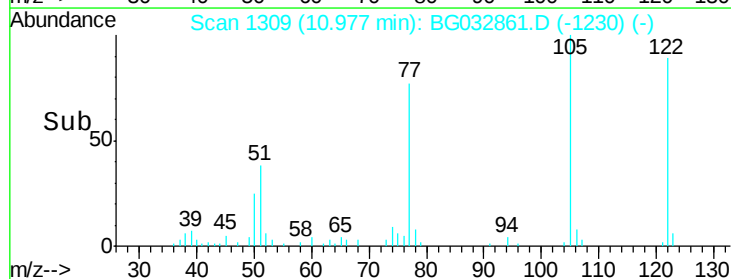
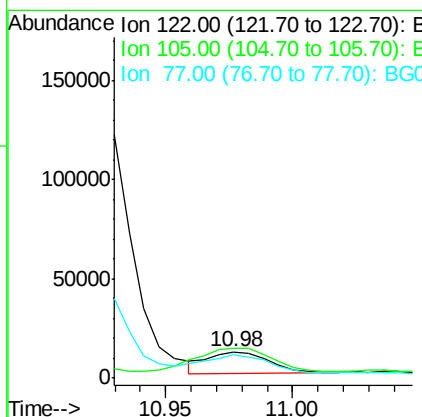
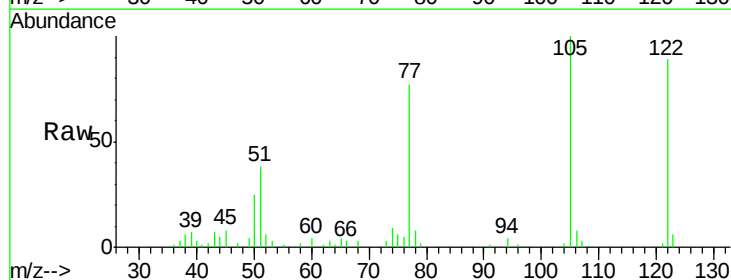
Instrument :
BNA_G
ClientSampleId :

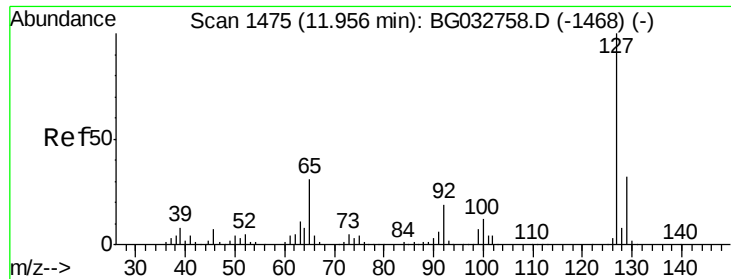
Tot Ion:128 Resp: 861575
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 12.26 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:122 Resp: 18808
Ion Ratio Lower Upper
122 100
105 112.7 123.5 163.5#
77 87.1 85.7 125.7

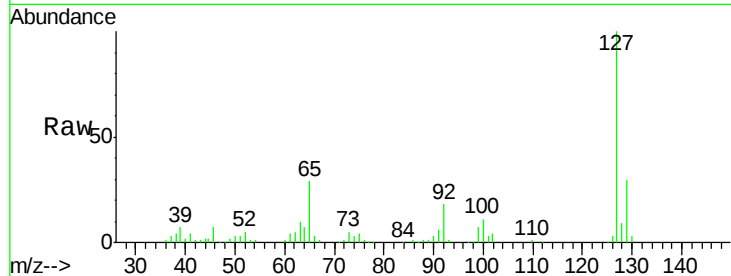




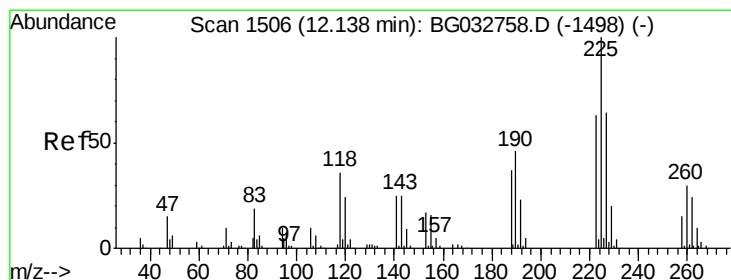
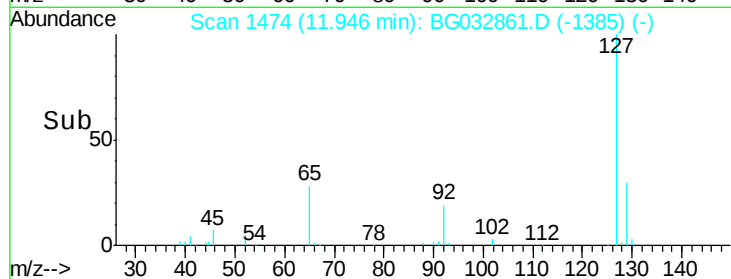
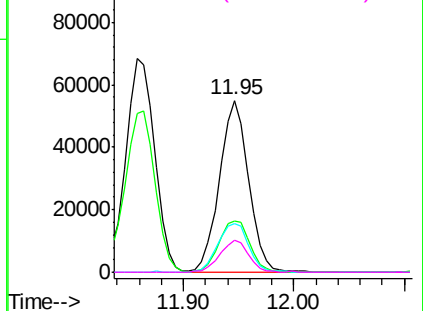
#33
4-Chloroaniline
Concen: 12.17 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	101061
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	28.6	27.0	40.4
92	18.4	16.6	25.0

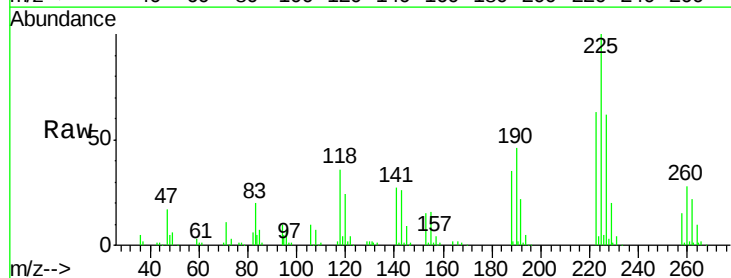


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

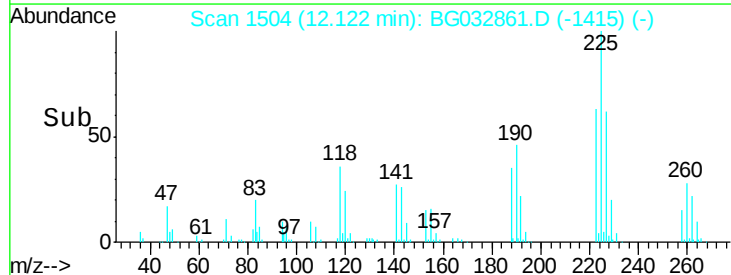
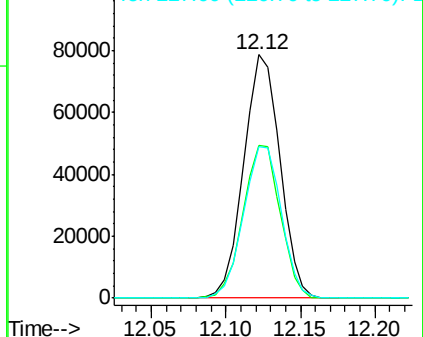


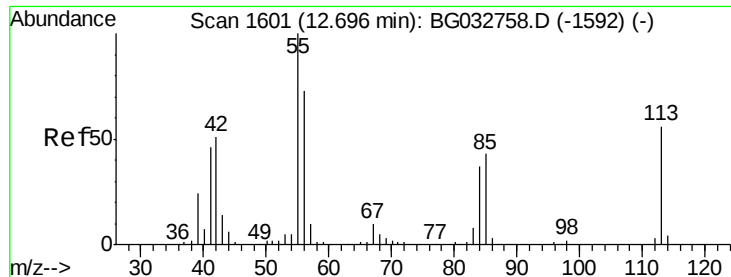
#34
Hexachlorobutadiene
Concen: 40.92 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:	225	Resp:	132344
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	62.1	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: 37.41 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampled :

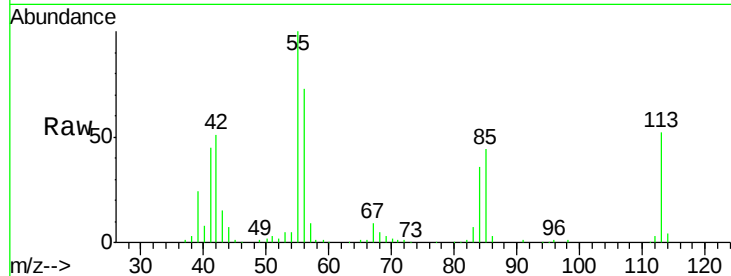
Tot Ion:113 Resp: 73684

Ion Ratio Lower Upper

113 100

55 191.7 186.9 226.9

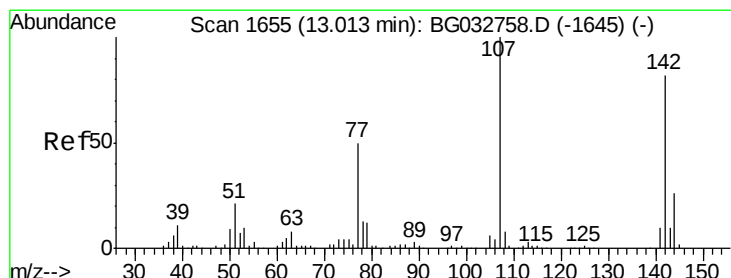
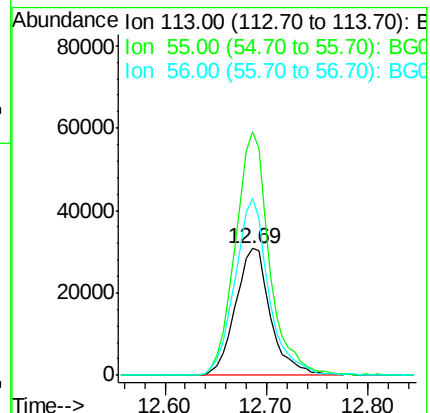
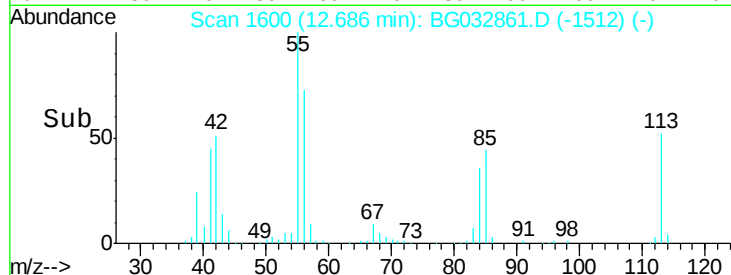
56 139.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.13 ng

RT: 13.00 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

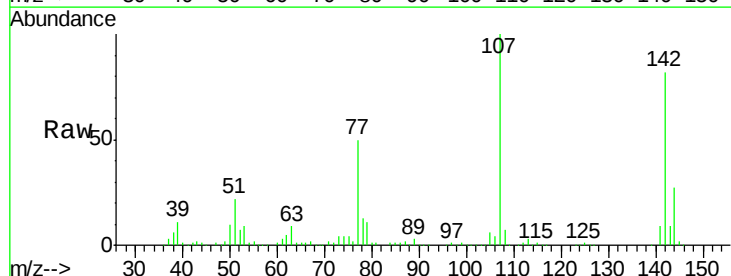
Tgt Ion:107 Resp: 304104

Ion Ratio Lower Upper

107 100

144 26.7 18.2 27.4

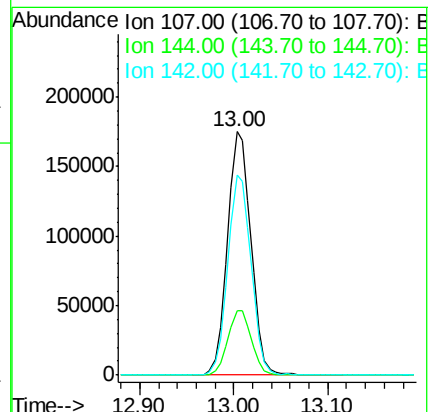
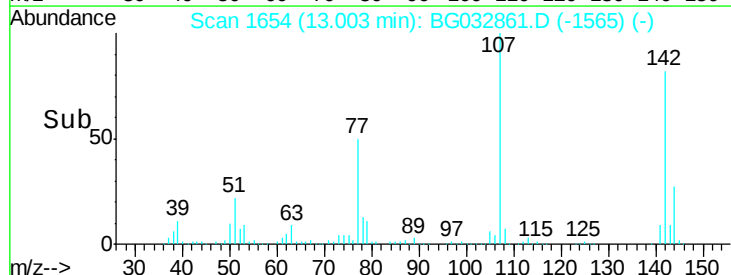
142 82.1 59.0 88.4

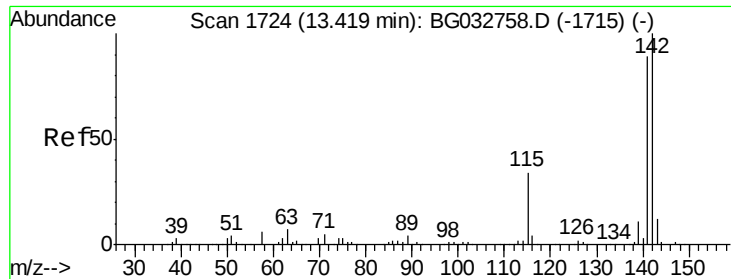


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

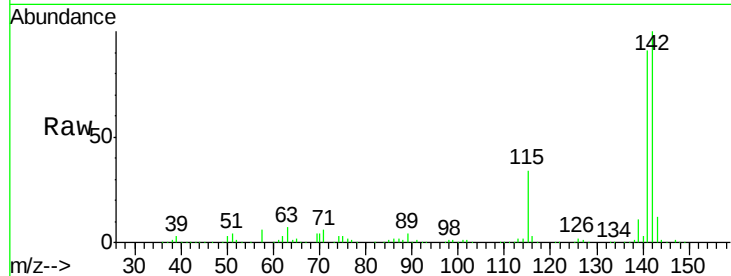




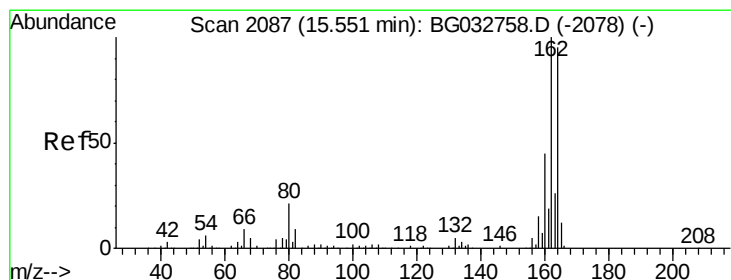
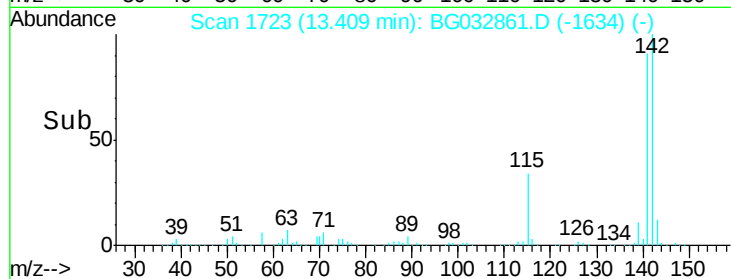
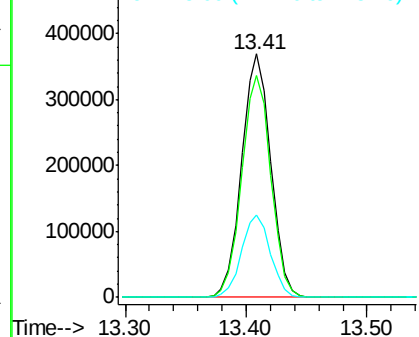
#37
2-Methylnaphthalene
Concen: 46.11 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	33.9	30.7	46.1

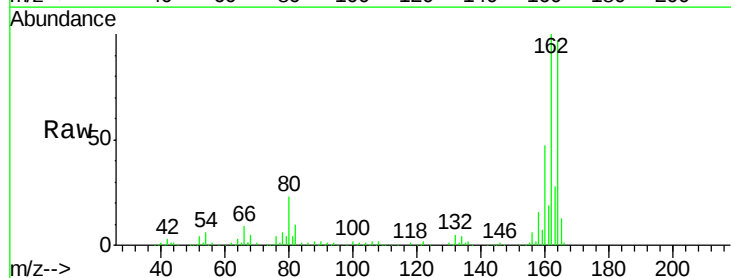


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

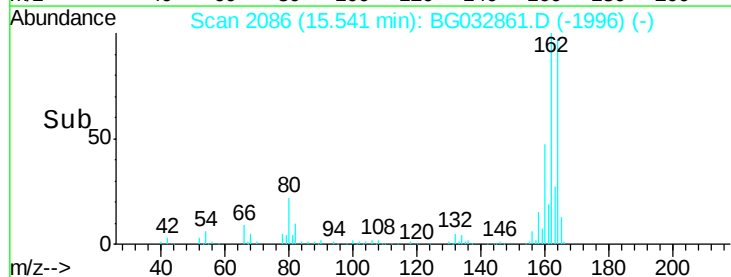
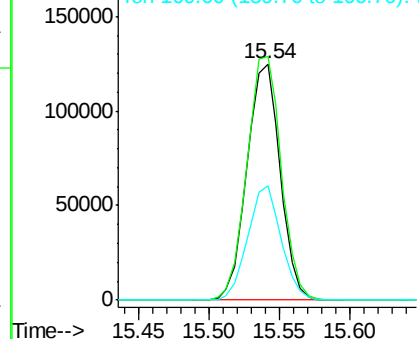


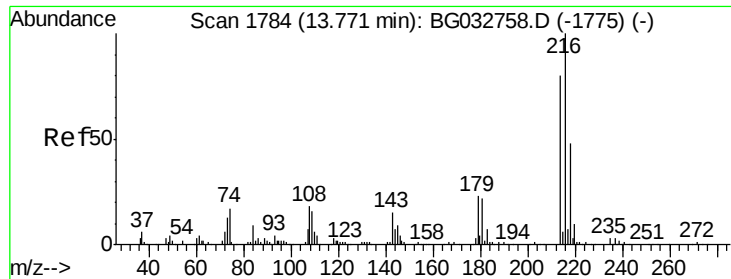
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	48.6	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: 42.13 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032861.D

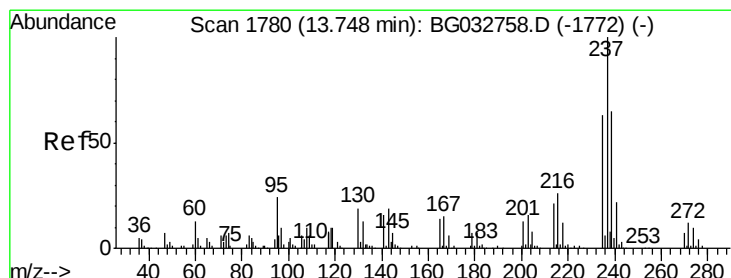
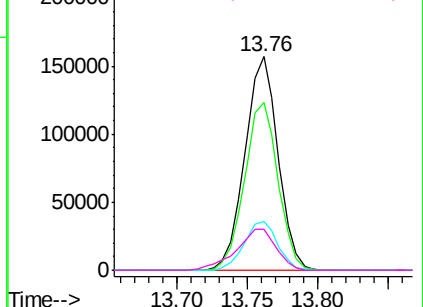
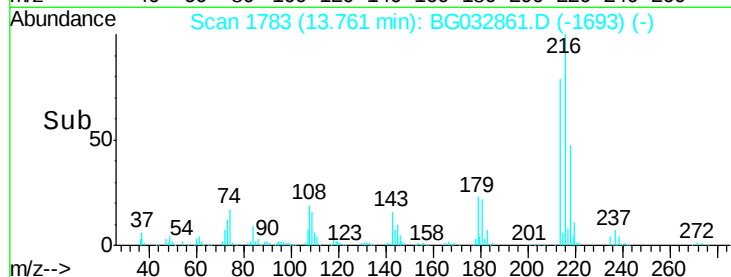
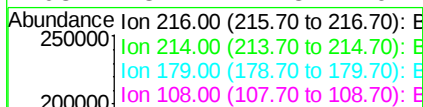
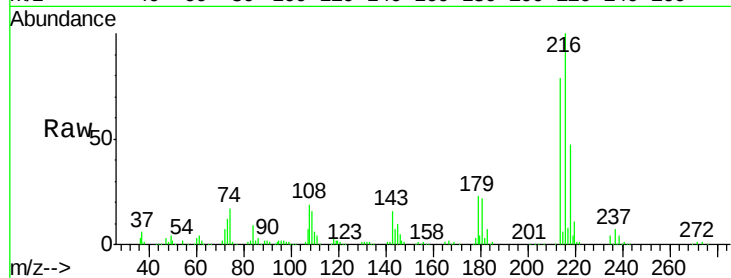
Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	256718
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	23.1	17.0	25.6
108	23.1	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 92.83 ng

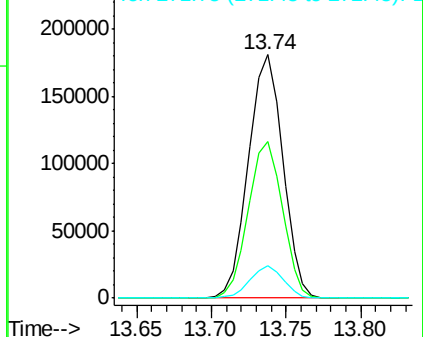
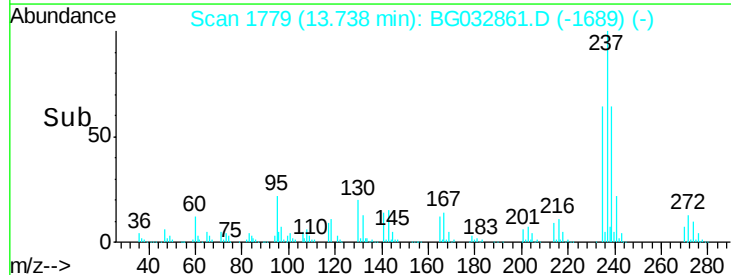
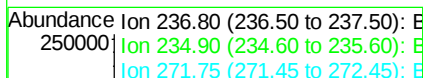
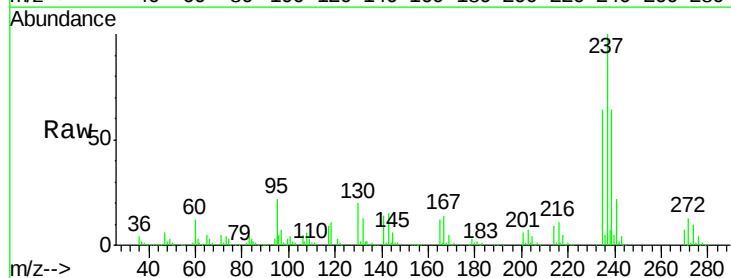
RT: 13.74 min Scan# 1779

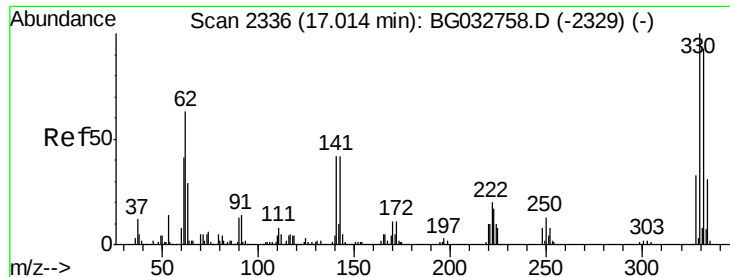
Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Tgt Ion:	237	Resp:	288237
Ion	Ratio	Lower	Upper
237	100		
235	64.4	50.4	90.4
272	13.4	0.0	31.8

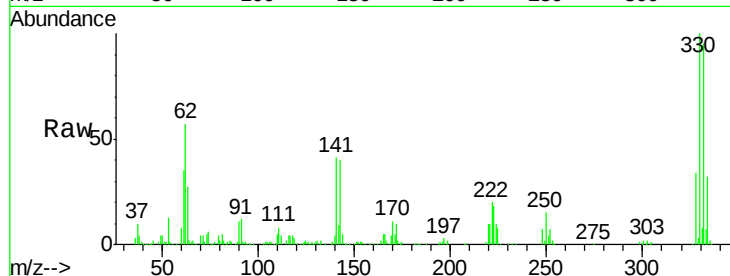




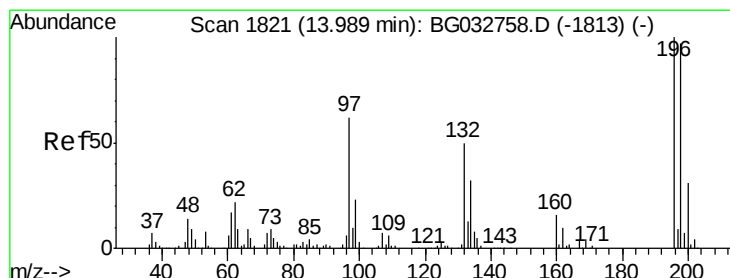
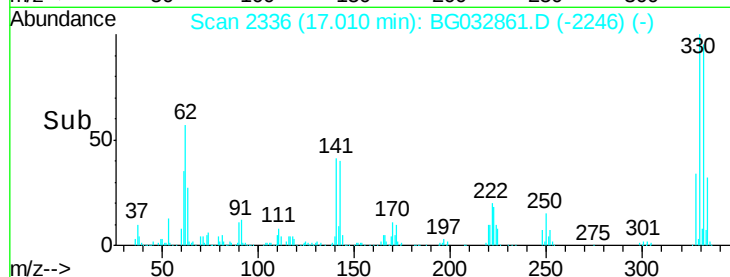
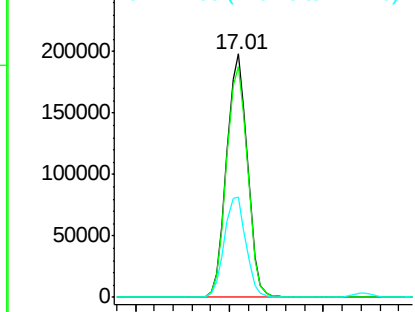
#41
 2,4,6-Tribromophenol
 Concen: 142.05 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 306566
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 42.5 25.2 37.8#

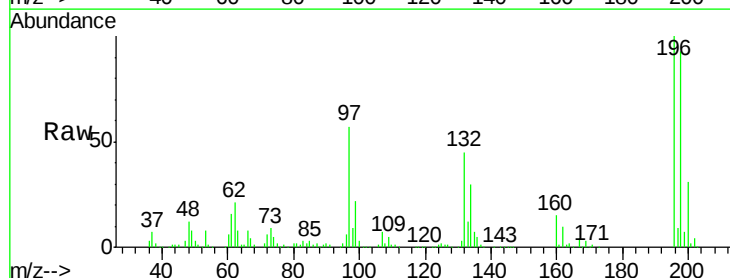


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

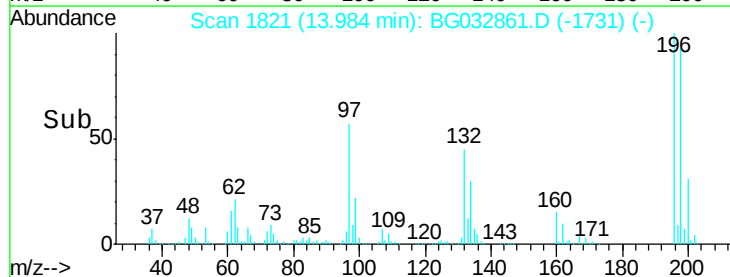
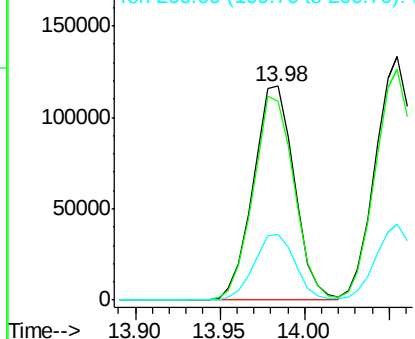


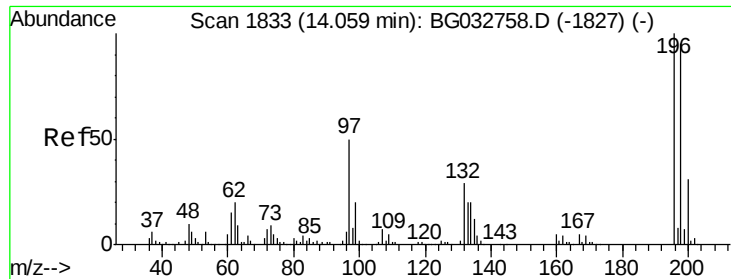
#42
 2,4,6-Trichlorophenol
 Concen: 51.68 ng
 RT: 13.98 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:196 Resp: 198558
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.2 117.2
 200 31.0 24.6 36.8



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

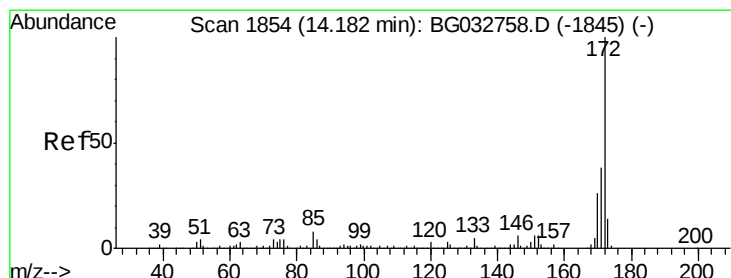
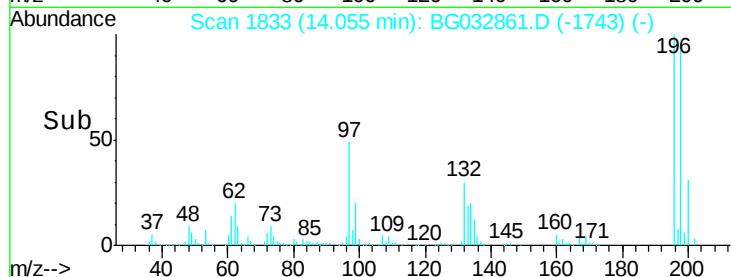
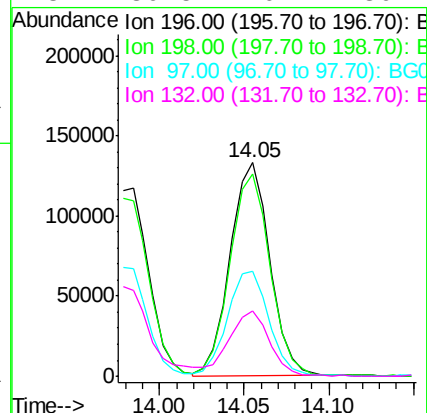
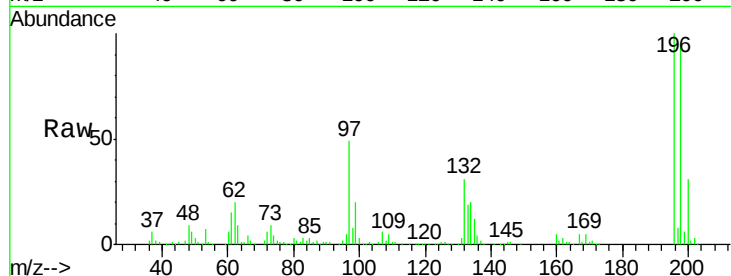




#43
 2,4,5-Trichlorophenol
 Concen: 48.94 ng
 RT: 14.05 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

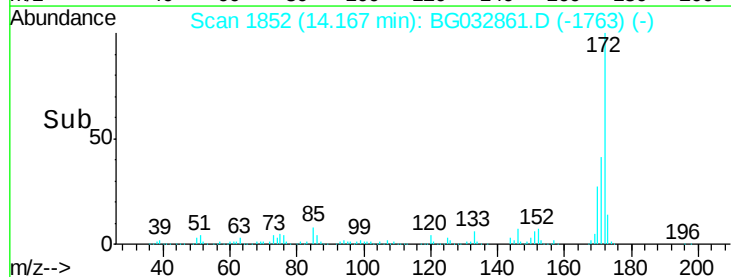
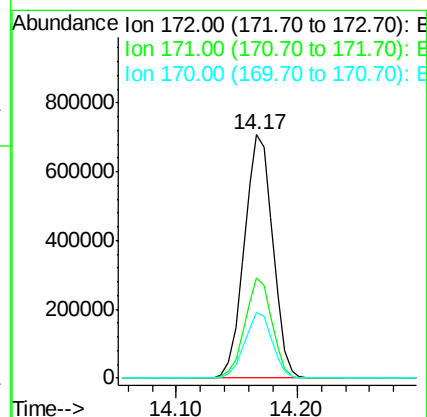
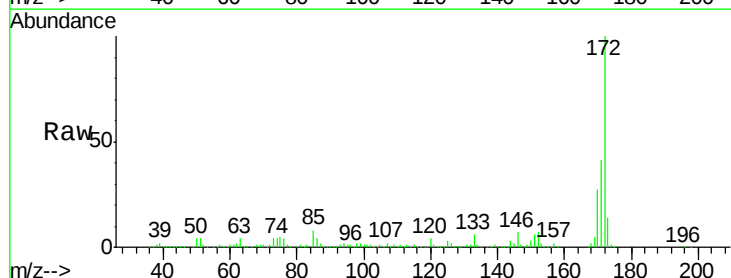
Instrument :
 BNA_G
 ClientSampled :

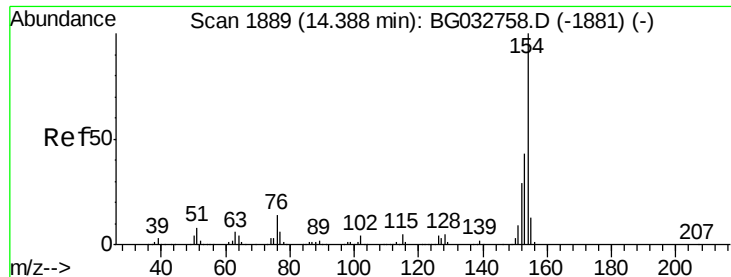
Tot Ion:196 Resp: 217620
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.4
 97 48.9 38.7 58.1
 132 30.5 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 81.44 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:172 Resp: 1159022
 Ion Ratio Lower Upper
 172 100
 171 41.1 30.0 45.0
 170 27.0 19.5 29.3

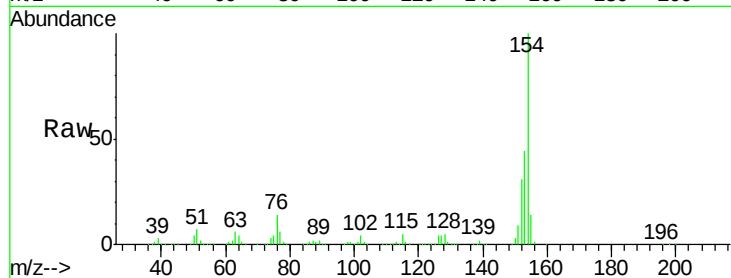




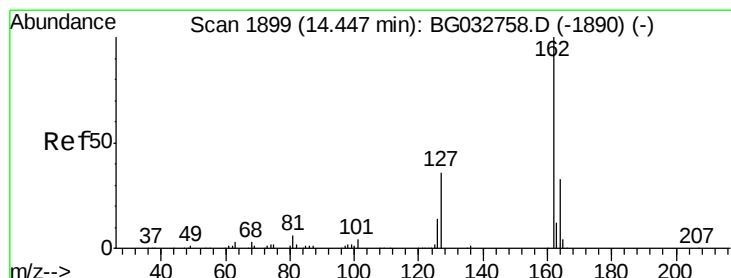
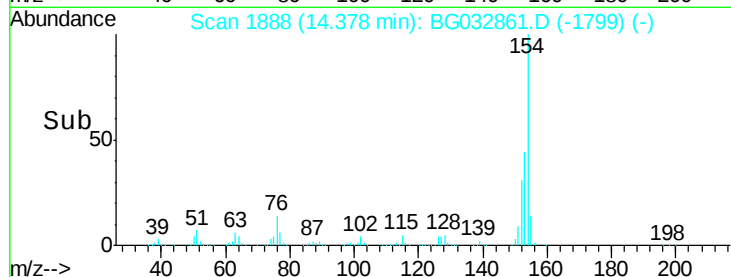
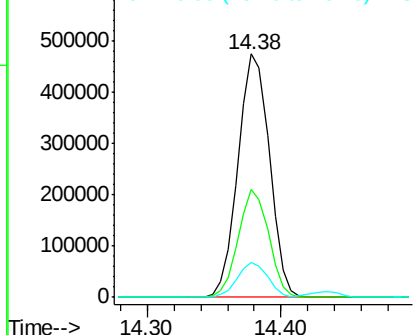
#45
 1,1'-Biphenyl
 Concen: 43.13 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 773532
 Ion Ratio Lower Upper
 154 100
 153 44.1 19.8 59.8
 76 14.4 0.0 31.9

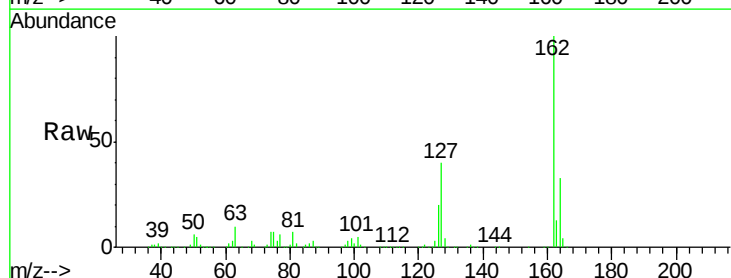


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

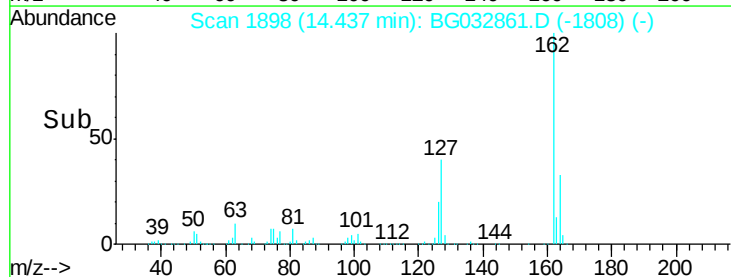
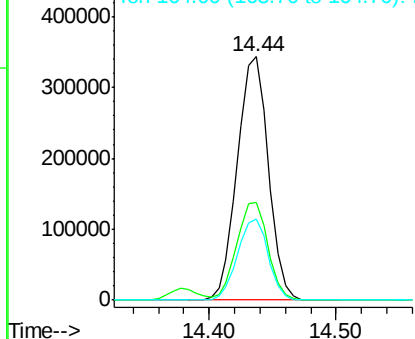


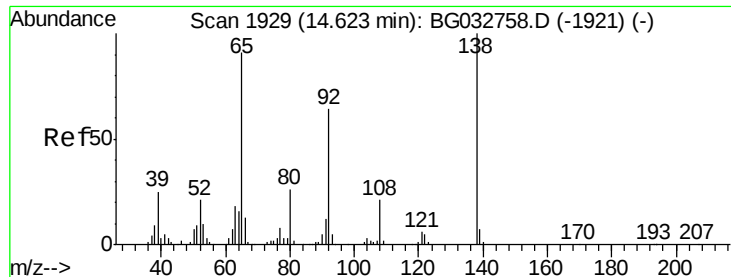
#46
 2-Chloronaphthalene
 Concen: 43.62 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:162 Resp: 584363
 Ion Ratio Lower Upper
 162 100
 127 40.3 30.7 46.1
 164 33.4 26.0 39.0



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





#47

2-Nitroaniline

Concen: 57.89 ng

RT: 14.61 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

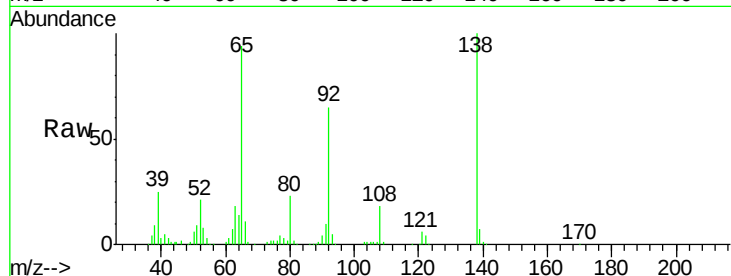
Tot Ion: 65 Resp: 204196

Ion Ratio Lower Upper

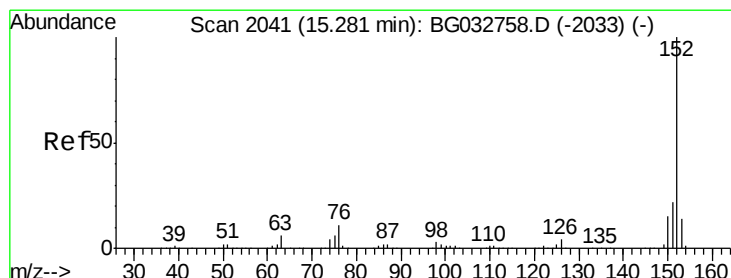
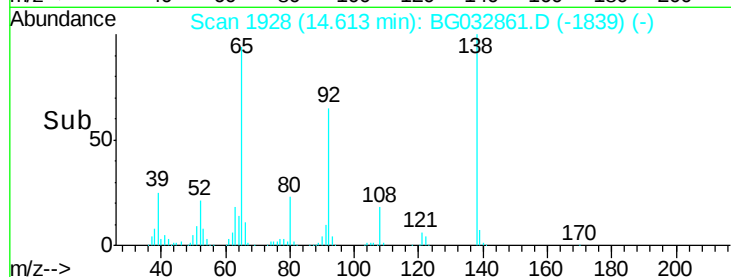
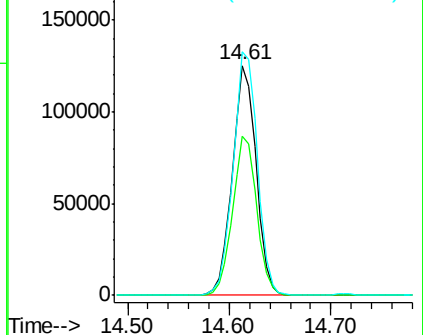
65 100

92 69.2 54.6 82.0

138 105.9 72.9 109.3



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



#48

Acenaphthylene

Concen: 43.41 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

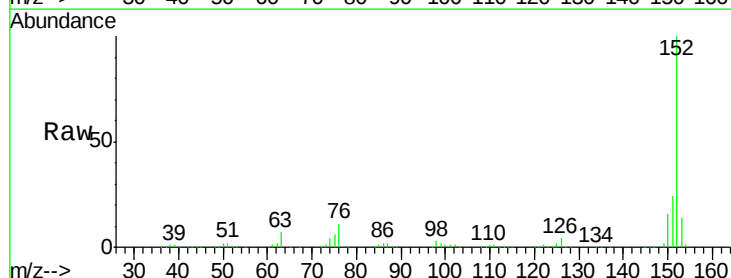
Tgt Ion: 152 Resp: 952281

Ion Ratio Lower Upper

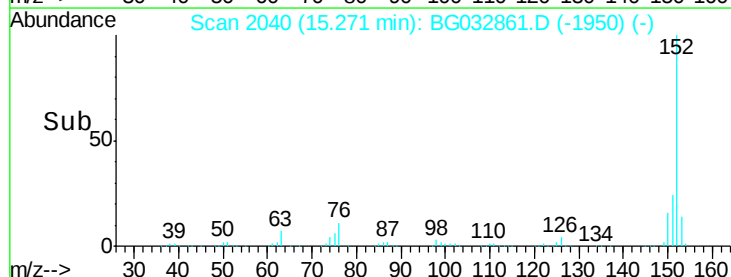
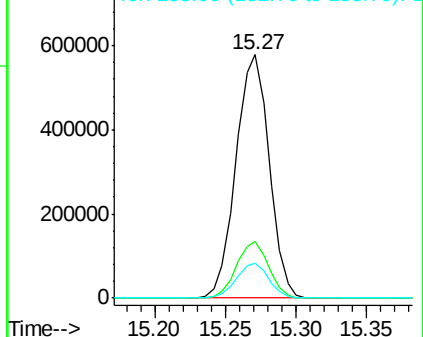
152 100

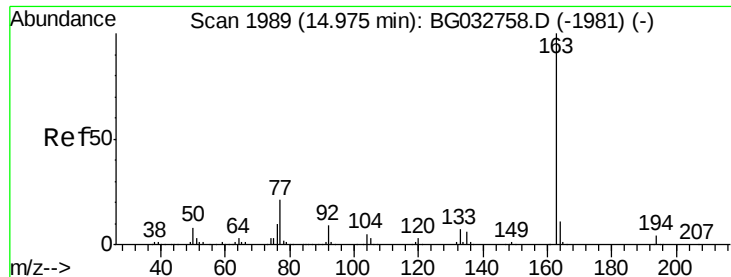
151 23.5 17.2 25.8

153 14.5 10.2 15.4



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





#49

Dimethylphthalate

Concen: 44.07 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

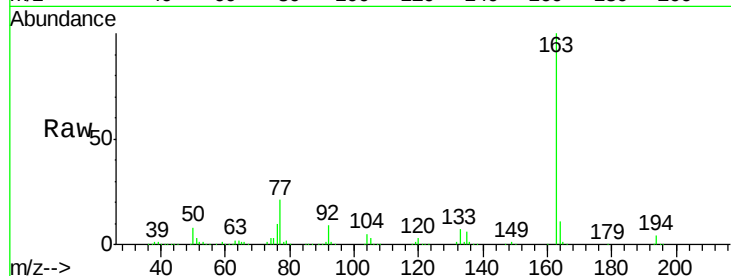
Tot Ion:163 Resp: 767991

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

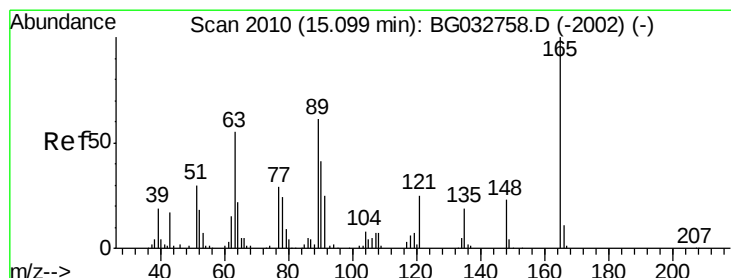
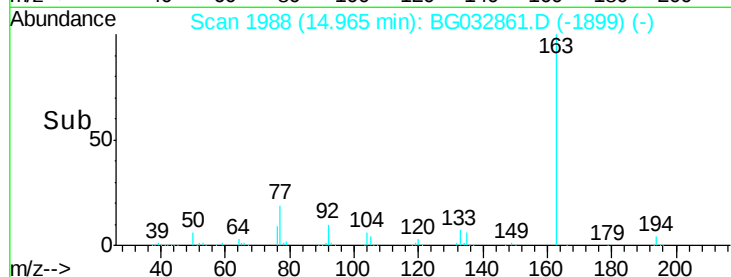
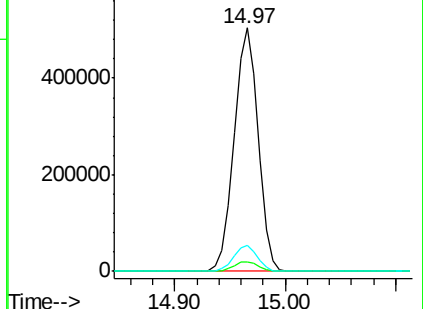
164 10.6 8.2 12.4



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: 57.66 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

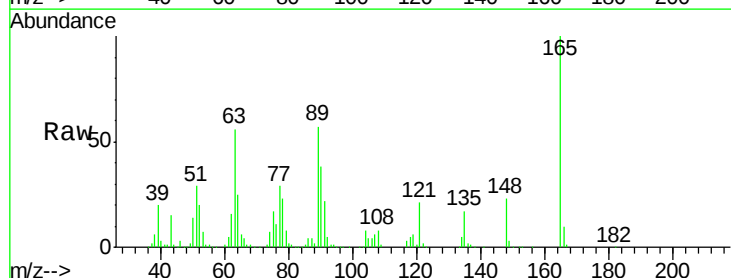
Tgt Ion:165 Resp: 172657

Ion Ratio Lower Upper

165 100

63 56.3 52.7 79.1

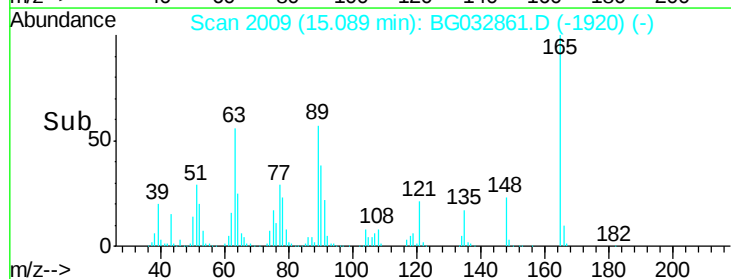
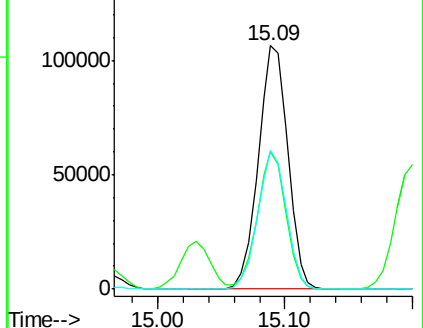
89 56.7 49.2 73.8

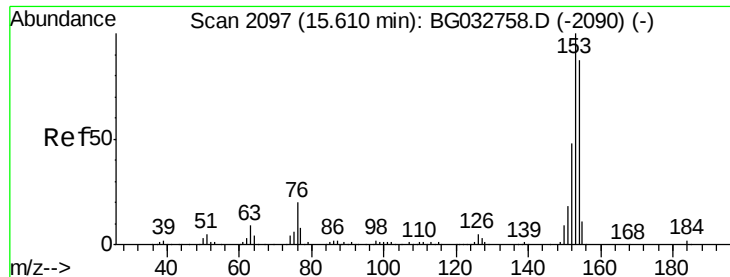


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.28 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

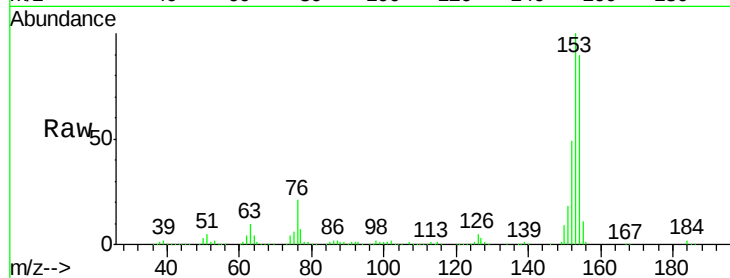
Tot Ion:154 Resp: 618628

Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

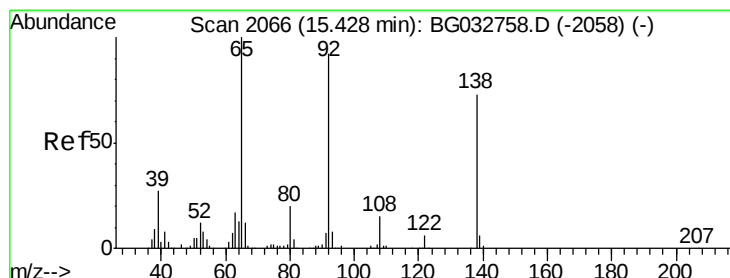
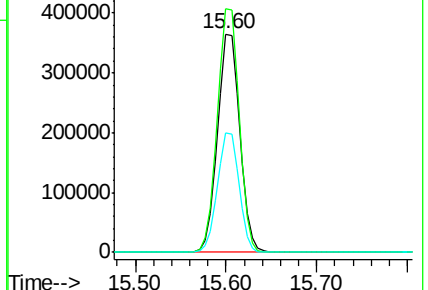
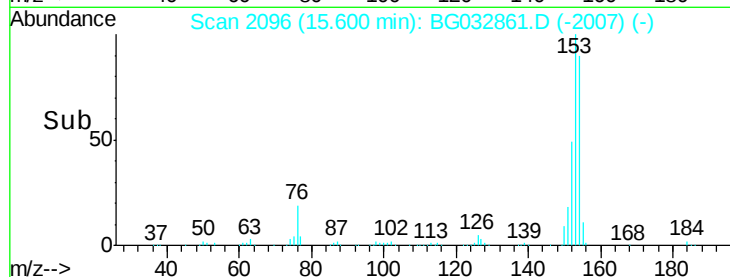
152 54.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.00 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

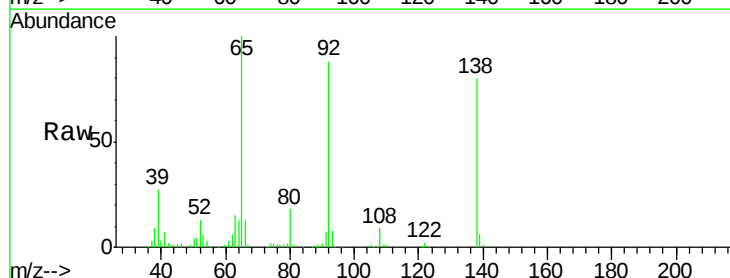
Tgt Ion:138 Resp: 86607

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

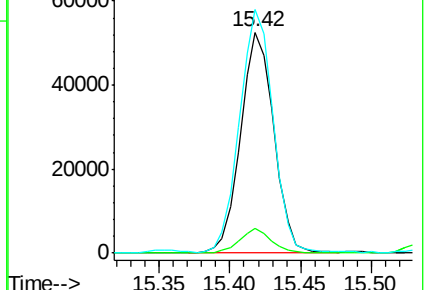
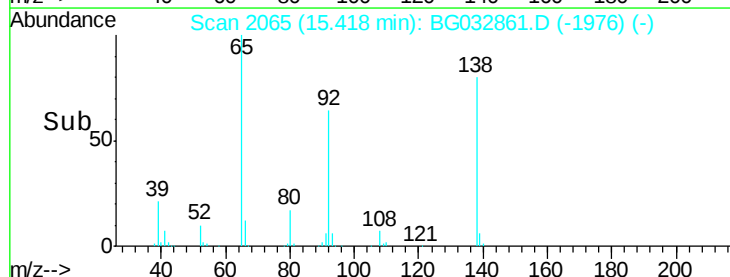
92 110.3 105.8 158.8

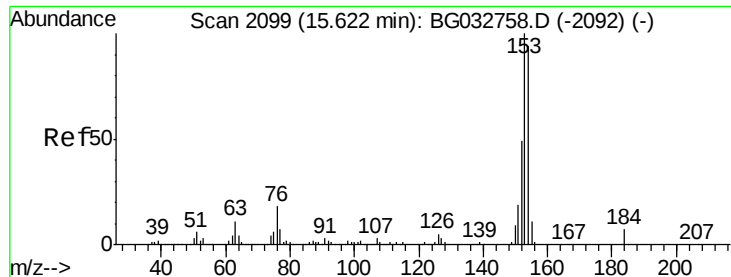


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

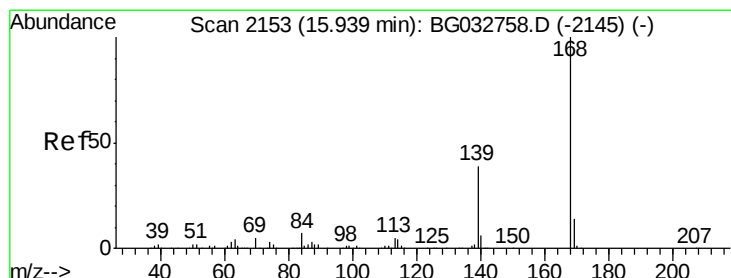
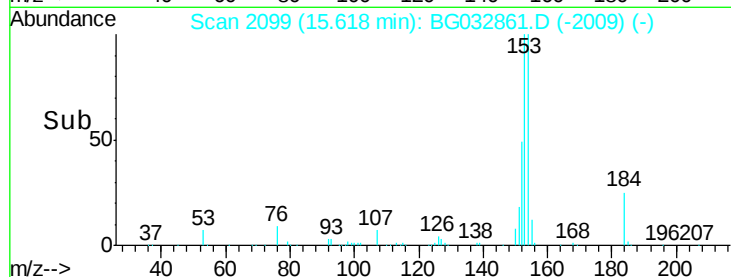
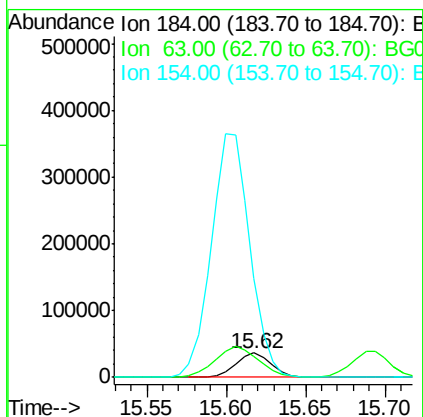
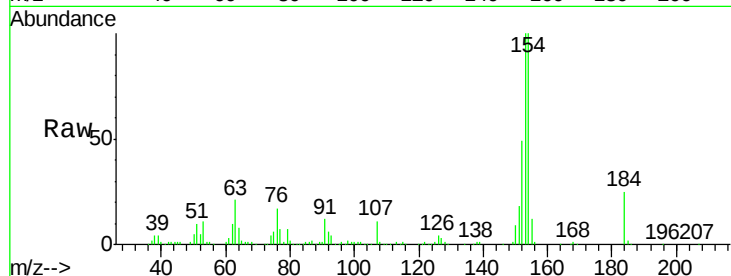




#53
2,4-Dinitrophenol
Concen: 67.91 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

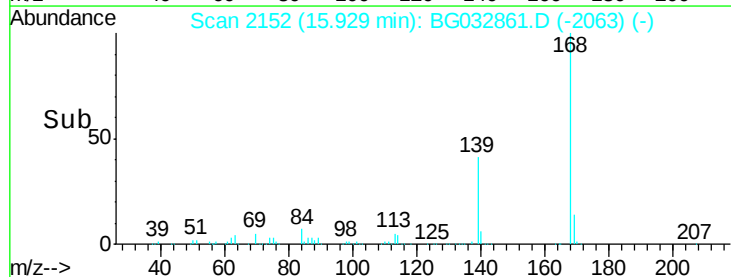
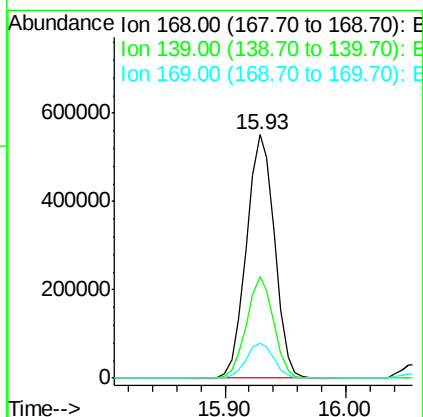
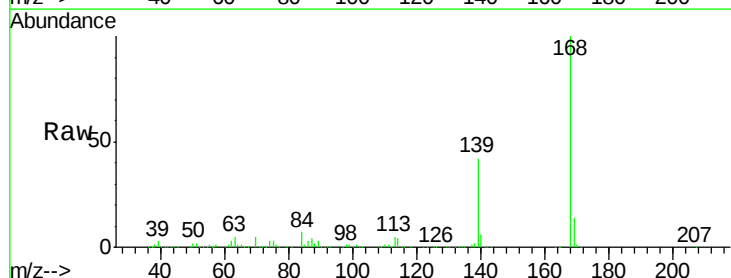
Instrument :
BNA_G
ClientSampleId :

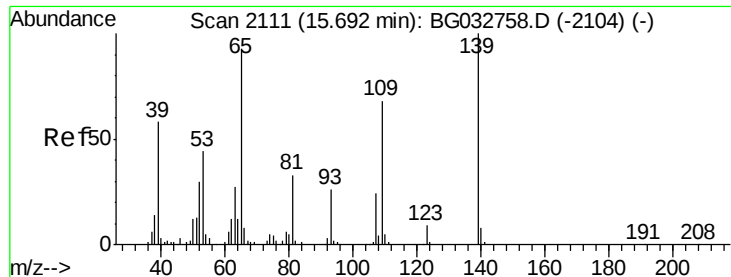
Tot Ion:184 Resp: 58150
Ion Ratio Lower Upper
184 100
63 86.6 59.8 89.8
154 403.3 101.8 152.8#



#54
Dibenzofuran
Concen: 45.97 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:168 Resp: 894174
Ion Ratio Lower Upper
168 100
139 41.6 28.6 43.0
169 14.4 11.2 16.8

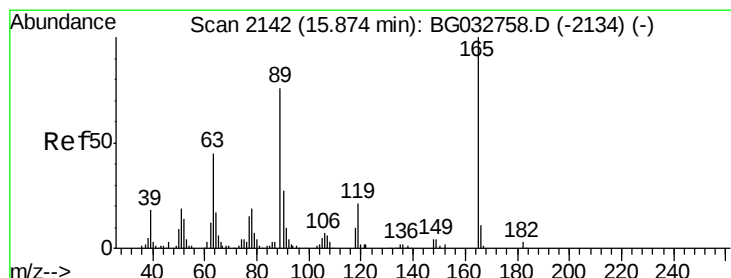
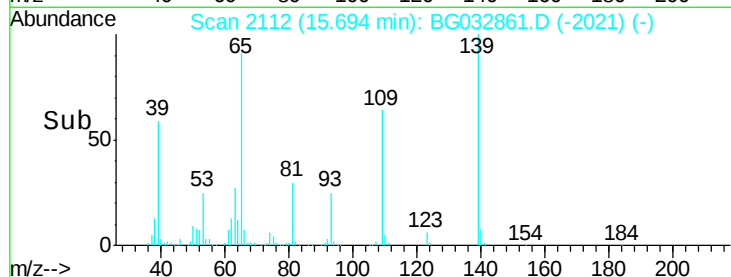
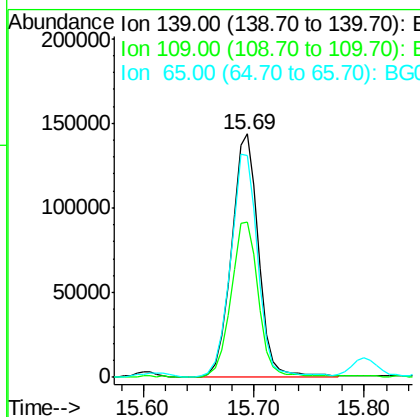
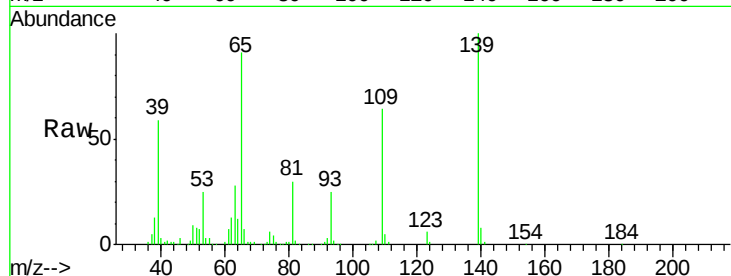




#55
4-Nitrophenol
Concen: 85.97 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

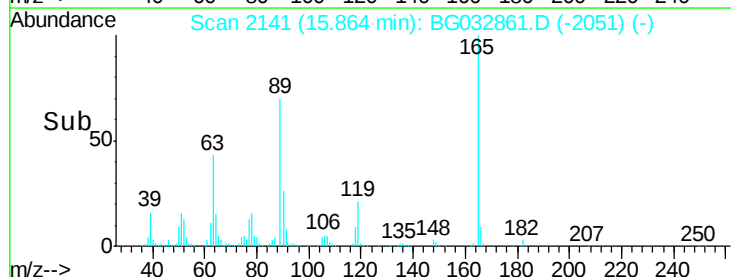
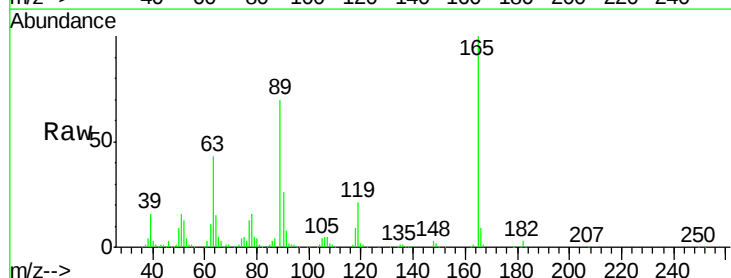
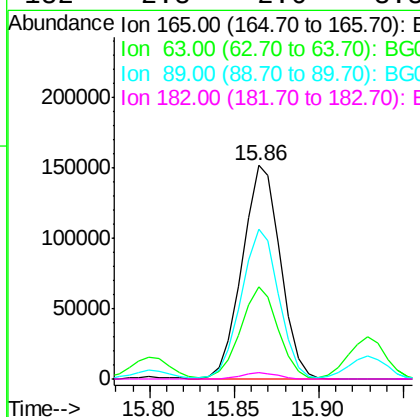
Instrument :
BNA_G
ClientSampled :

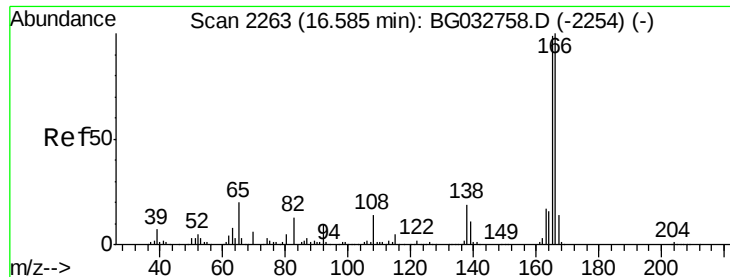
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.0	62.2	102.2
65	90.9	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 64.06 ng
RT: 15.86 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	42.0	63.0
89	70.2	66.9	100.3
182	2.8	2.6	3.8





#57

Fluorene

Concen: 45.32 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

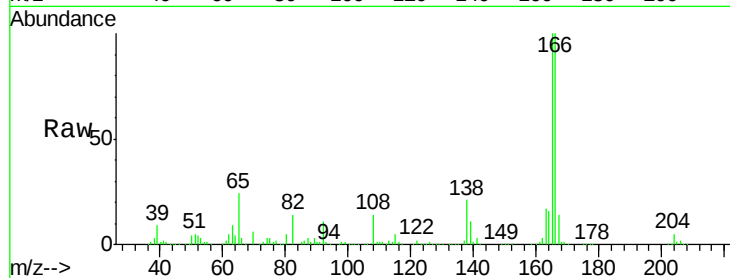
Tot Ion:166 Resp: 727596

Ion Ratio Lower Upper

166 100

165 99.9 80.6 121.0

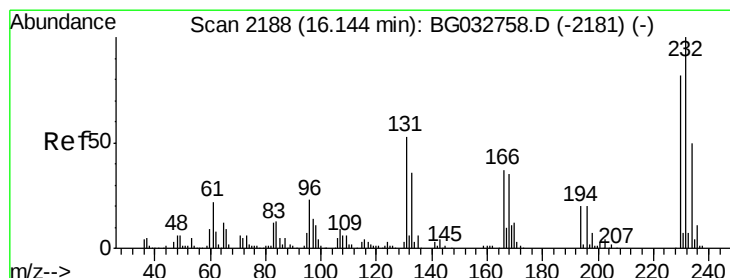
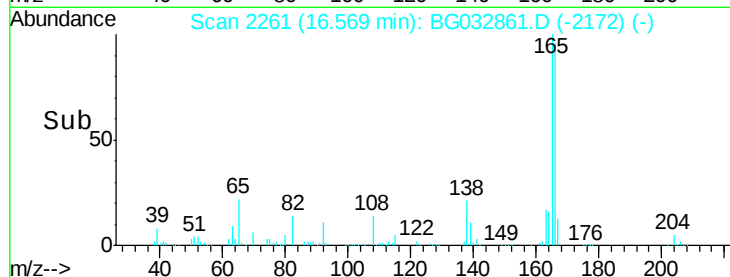
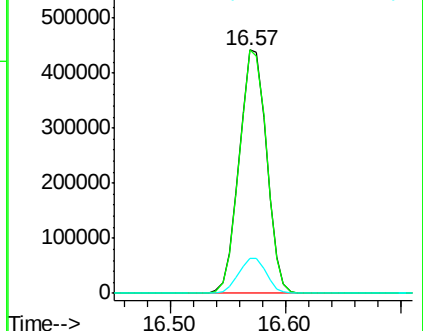
167 14.4 10.4 15.6



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: 52.36 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.08 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Tgt Ion:232 Resp: 180796

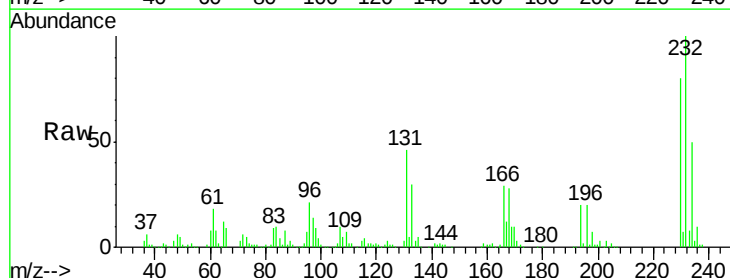
Ion Ratio Lower Upper

232 100

131 45.5 33.5 50.3

130 2.9 2.2 3.2

166 27.6 24.8 37.2

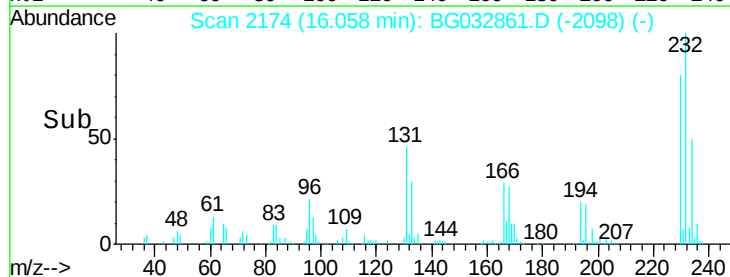
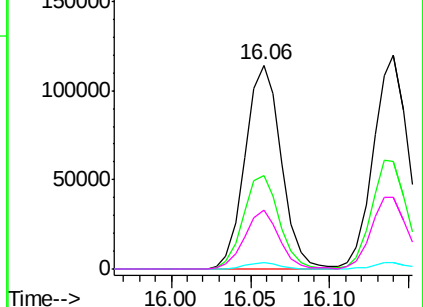


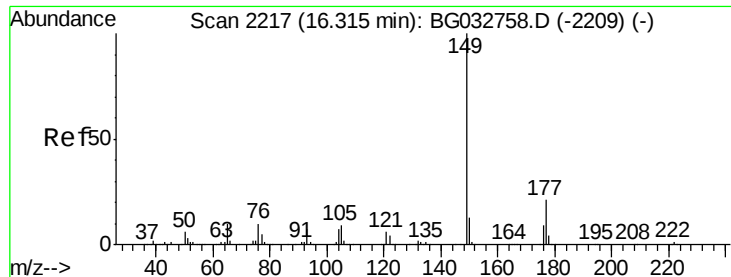
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

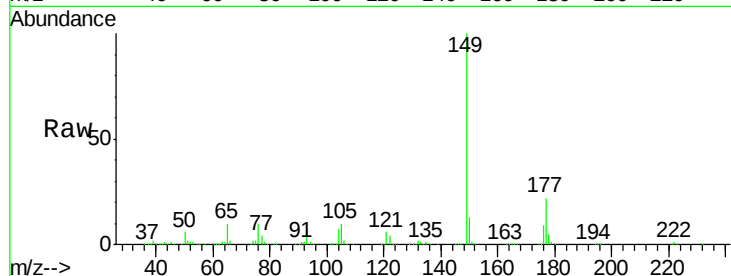




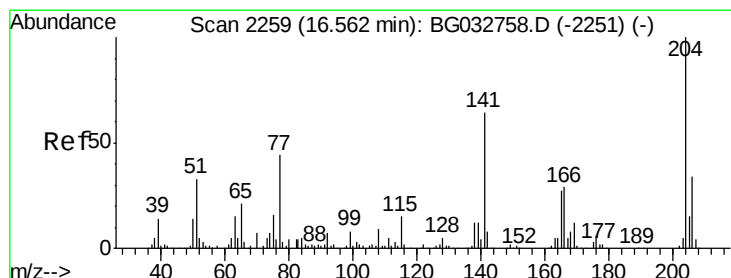
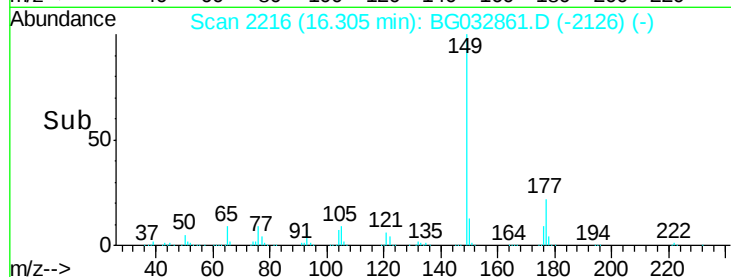
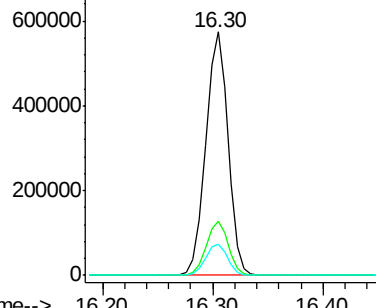
#59
Diethylphthalate
Concen: 44.09 ng
RT: 16.30 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 810512
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 13.0 10.2 15.2

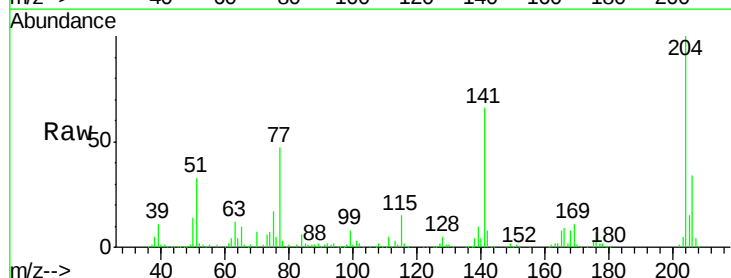


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

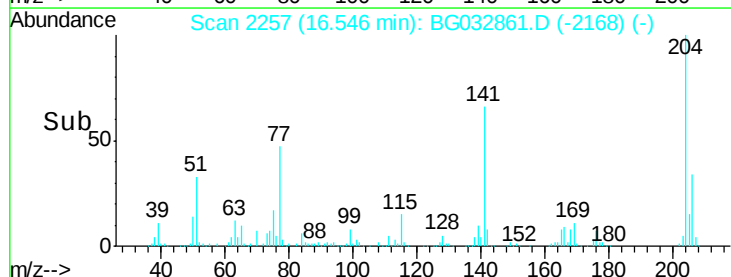
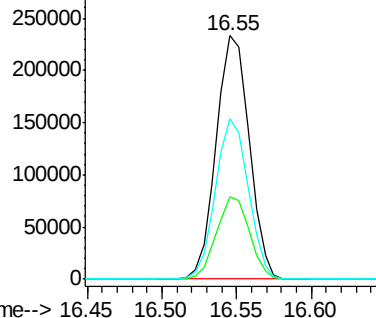


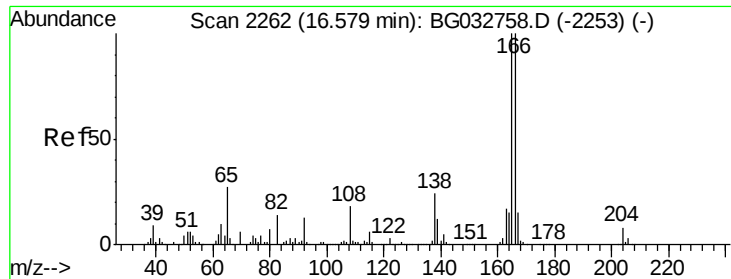
#60
4-Chlorophenyl-phenylether
Concen: 45.50 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:204 Resp: 357365
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 65.8 45.8 68.6



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





#61

4-Nitroaniline

Concen: 45.75 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

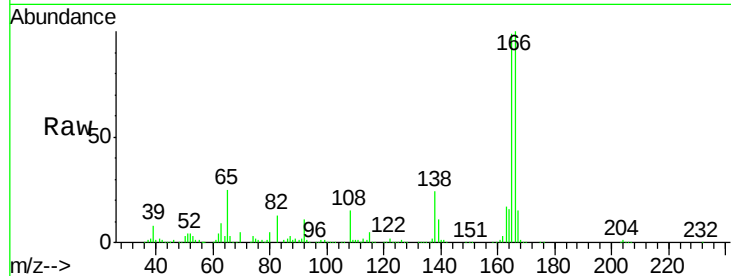
Tot Ion:138 Resp: 171555

Ion Ratio Lower Upper

138 100

92 46.8 40.1 80.1

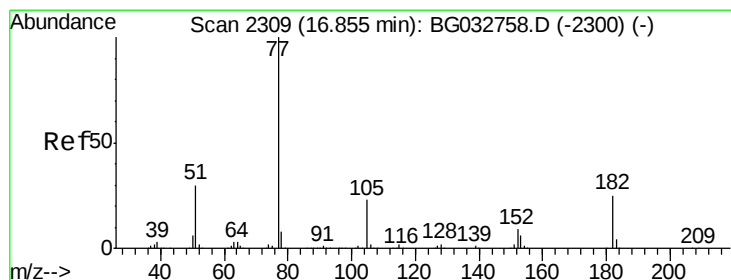
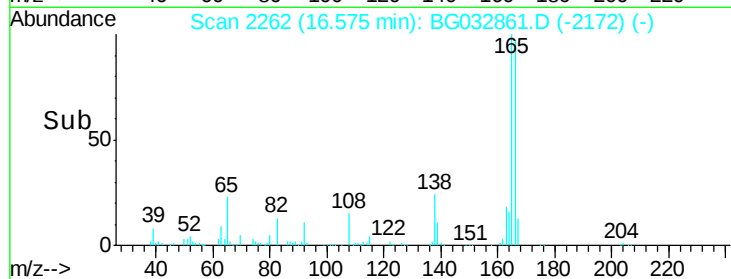
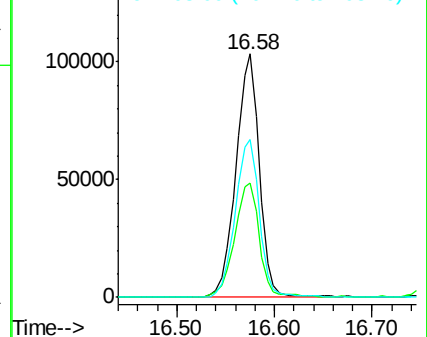
108 65.0 65.4 105.4#



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: 45.09 ng

RT: 16.84 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Tgt Ion: 77 Resp: 741448

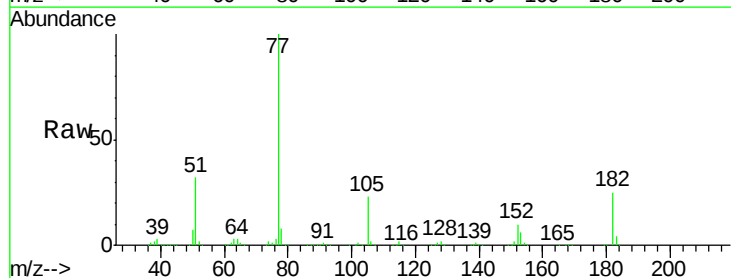
Ion Ratio Lower Upper

77 100

182 25.2 7.4 47.4

105 22.9 0.3 40.3

51 31.8 11.6 51.6

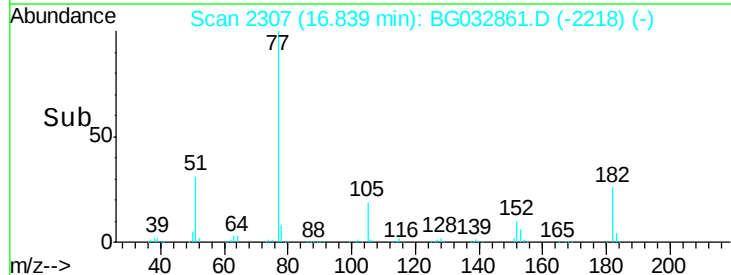
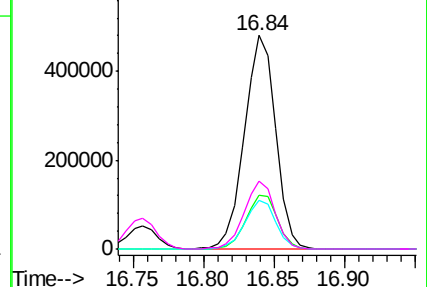


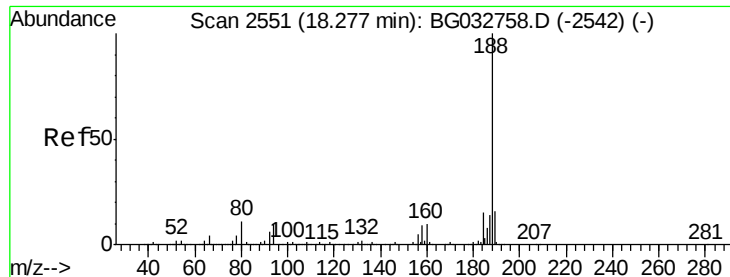
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

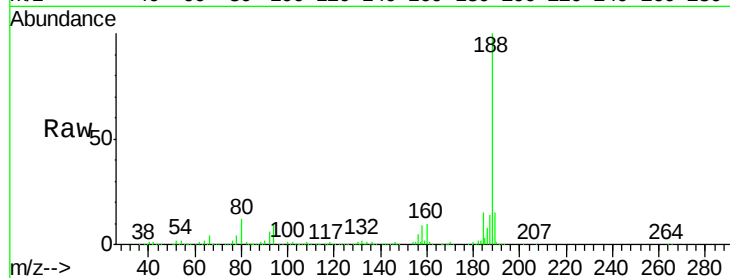




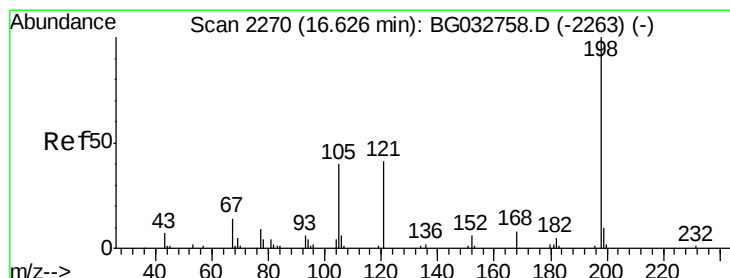
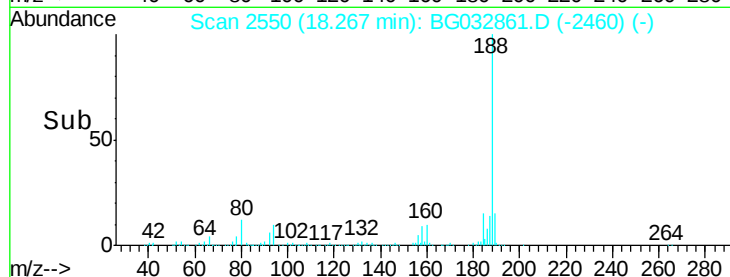
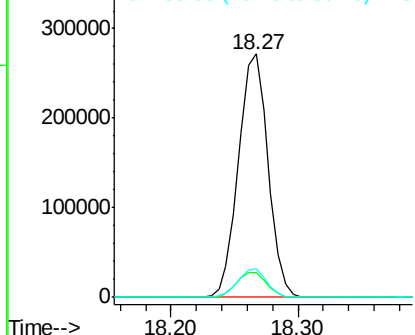
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 440143
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.9 10.3
 80 11.6 7.7 11.5#

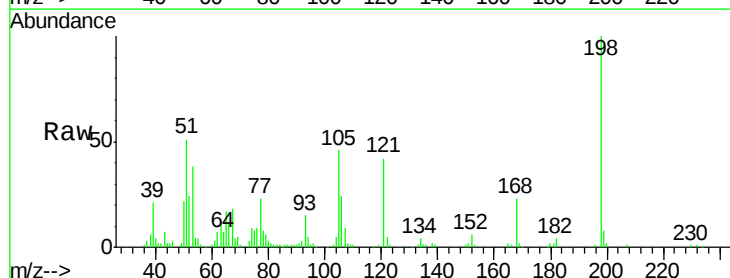


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

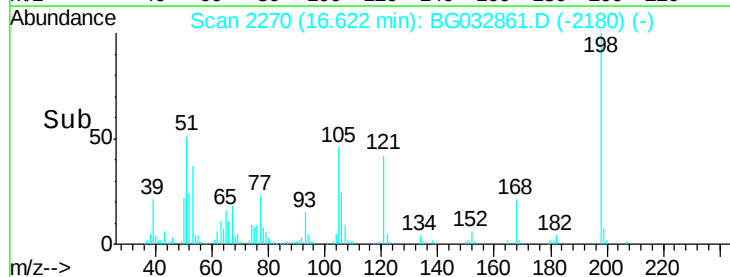
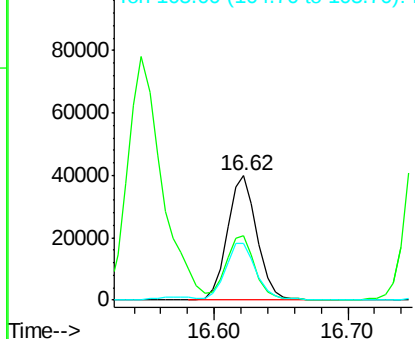


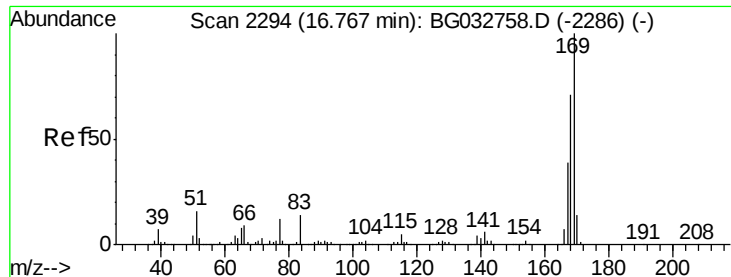
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.19 ng
 RT: 16.62 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:198 Resp: 61776
 Ion Ratio Lower Upper
 198 100
 51 51.4 30.6 70.6
 105 45.7 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

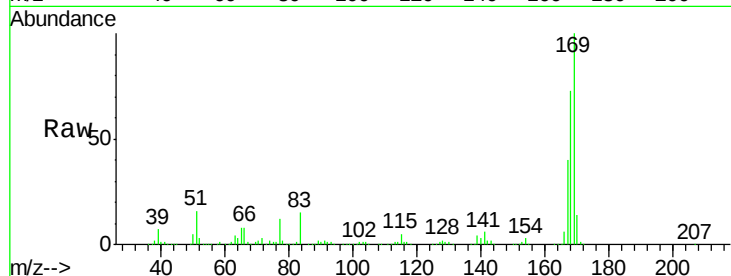




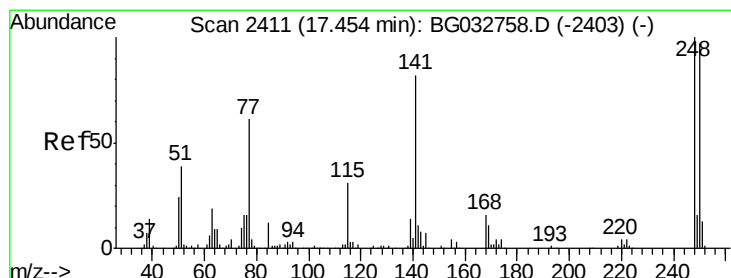
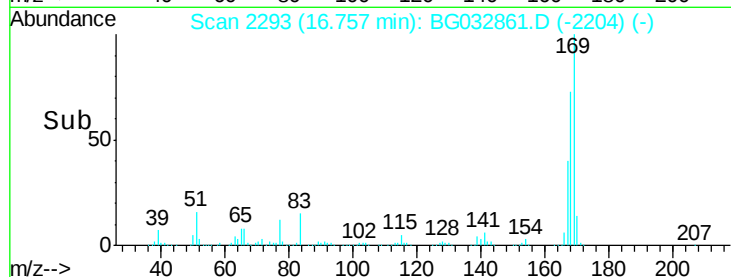
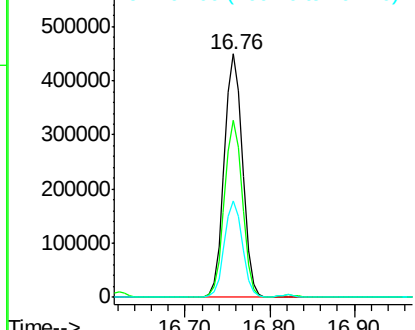
#65
n-Nitrosodiphenylamine
Concen: 46.93 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 671913
Ion Ratio Lower Upper
169 100
168 72.6 55.7 83.5
167 39.8 30.1 45.1

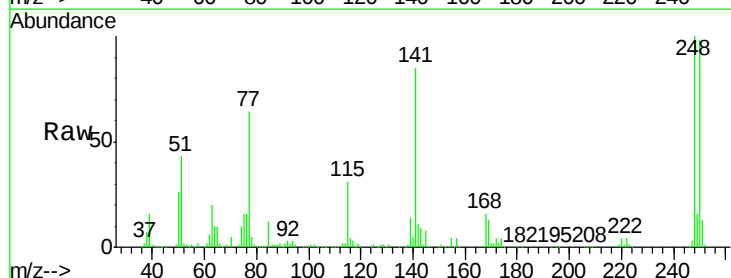


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

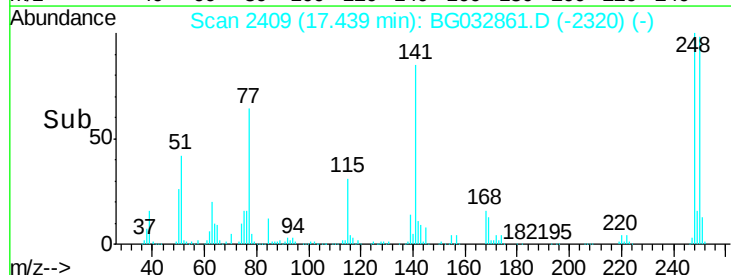
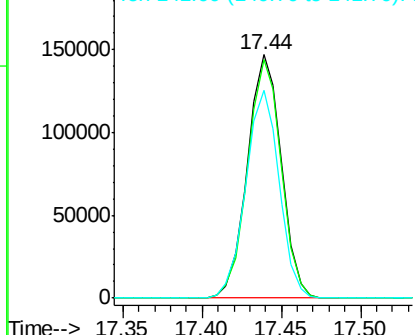


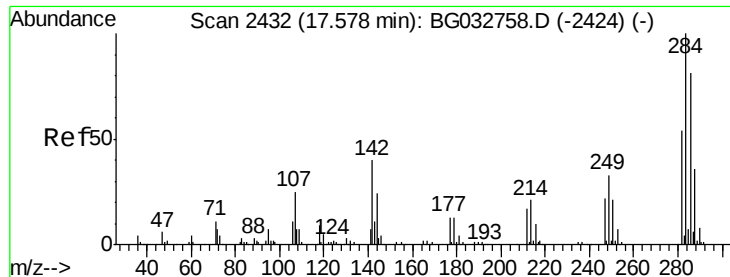
#66
4-Bromophenyl-phenylether
Concen: 46.81 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:248 Resp: 217848
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 85.3 50.8 76.2#



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





#67

Hexachlorobenzene

Concen: 44.37 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

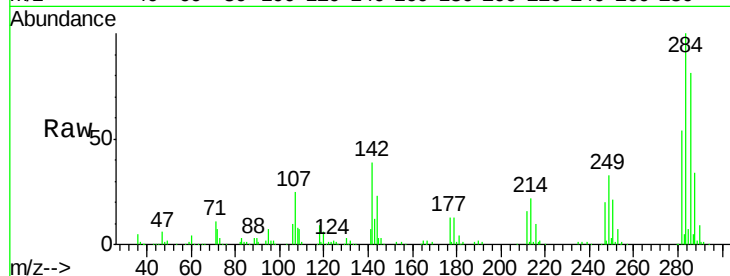
Tot Ion:284 Resp: 223157

Ion Ratio Lower Upper

284 100

142 38.7 26.8 40.2

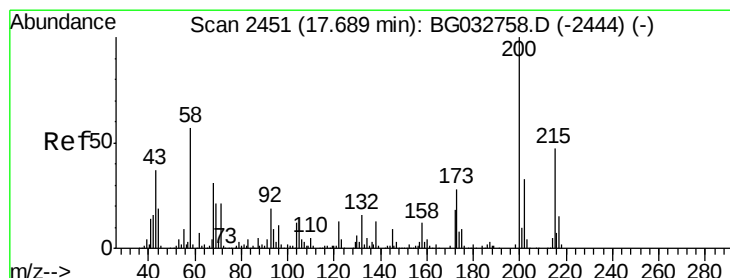
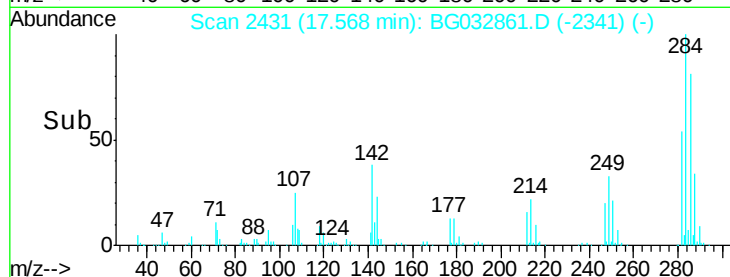
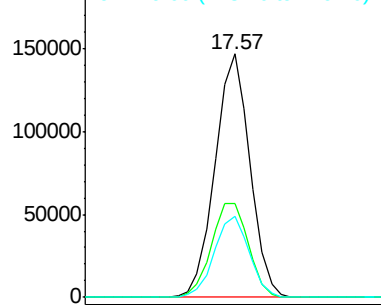
249 33.1 26.3 39.5



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: 47.93 ng

RT: 17.68 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

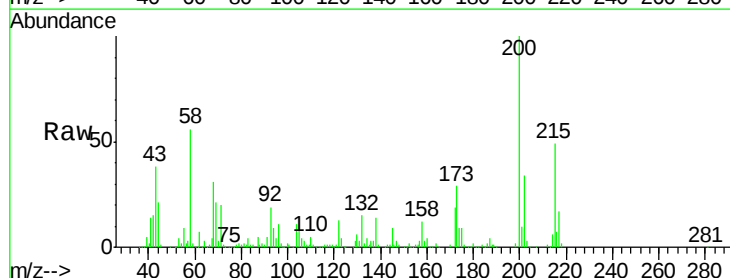
Tgt Ion:200 Resp: 225910

Ion Ratio Lower Upper

200 100

173 28.9 5.2 45.2

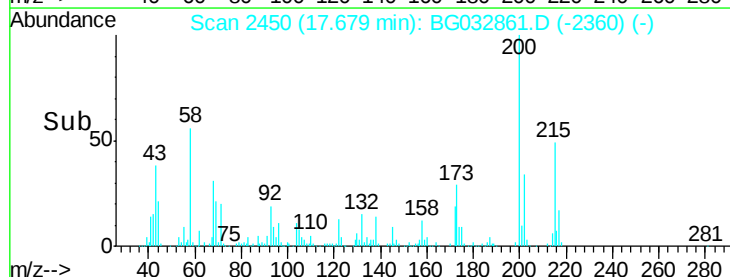
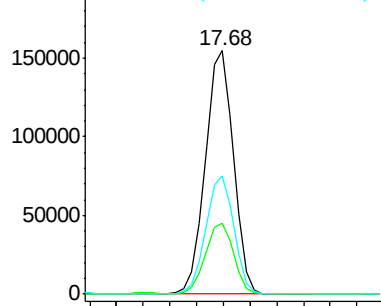
215 48.6 30.4 70.4

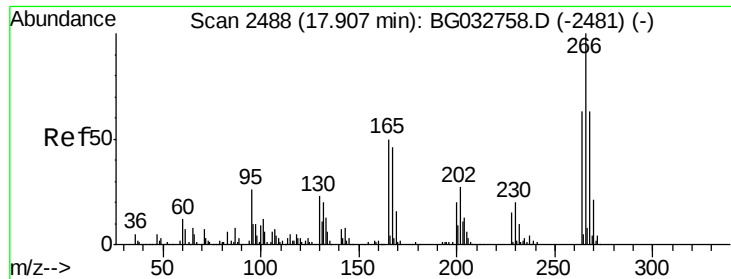


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

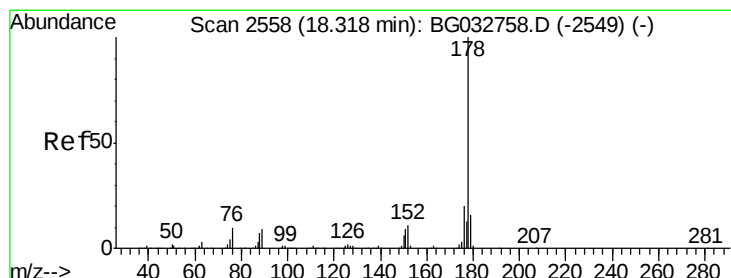
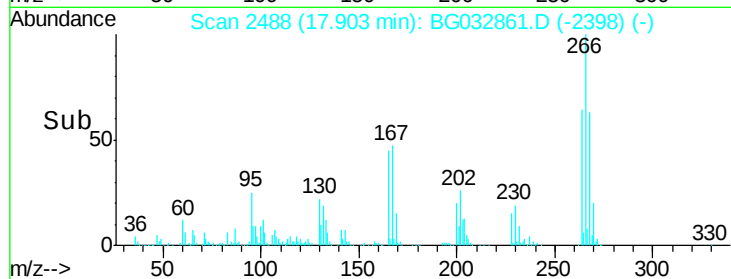
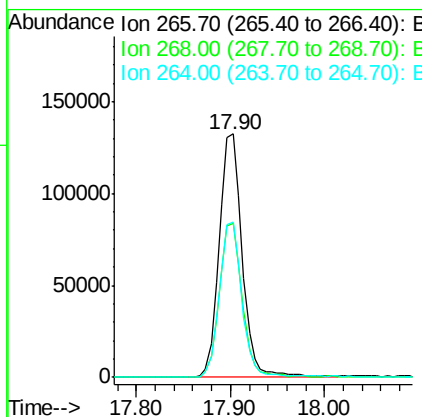
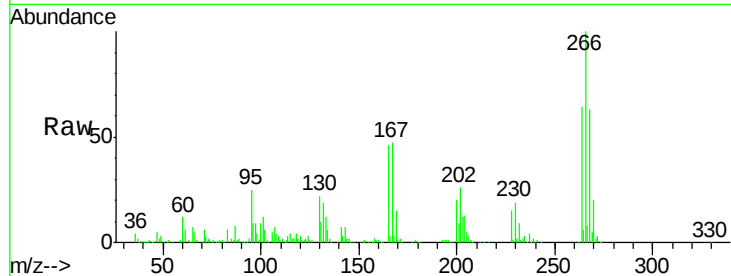




#69
 Pentachlorophenol
 Concen: 71.88 ng
 RT: 17.90 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

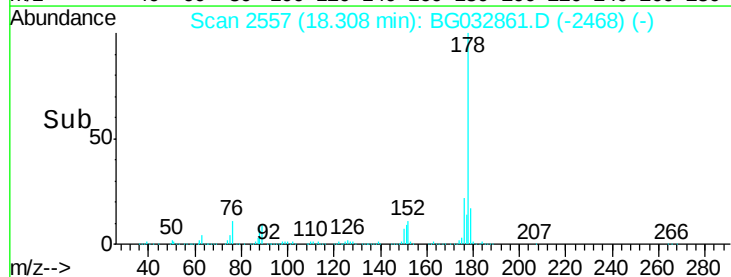
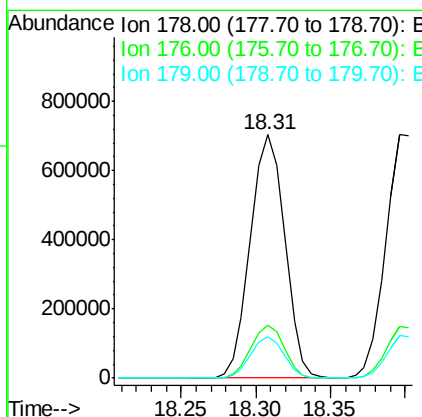
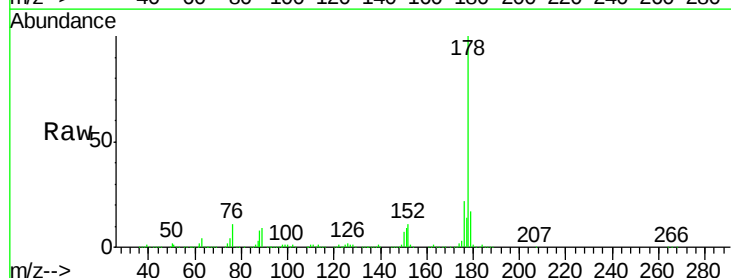
Instrument :
 BNA_G
 ClientSampleId :

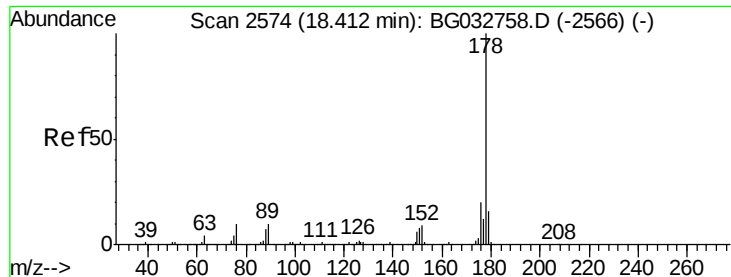
Tot Ion:266 Resp: 227702
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 64.0 49.6 74.4



#70
 Phenanthrene
 Concen: 45.84 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:178 Resp: 1125684
 Ion Ratio Lower Upper
 178 100
 176 21.7 15.7 23.5
 179 16.9 12.5 18.7





#71

Anthracene

Concen: 46.38 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

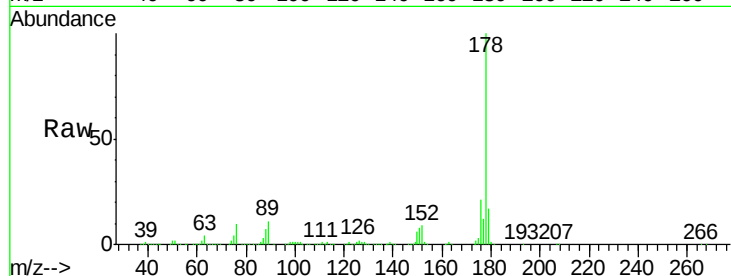
Tot Ion:178 Resp: 1143400

Ion Ratio Lower Upper

178 100

176 21.0 16.0 24.0

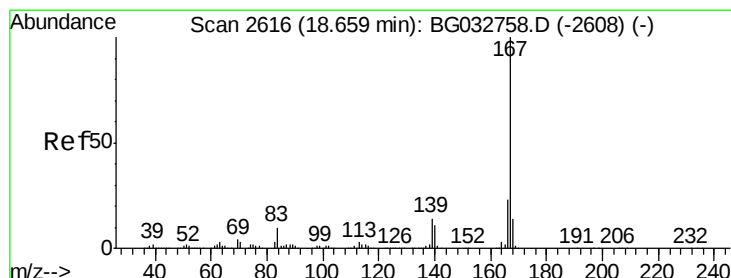
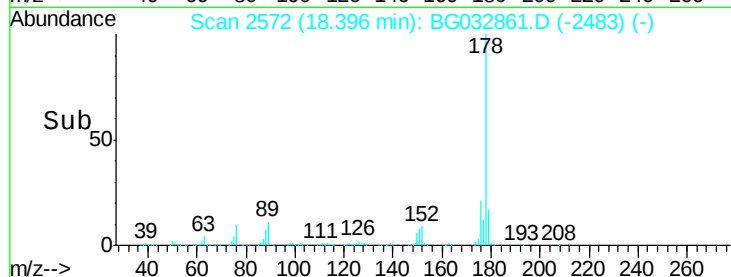
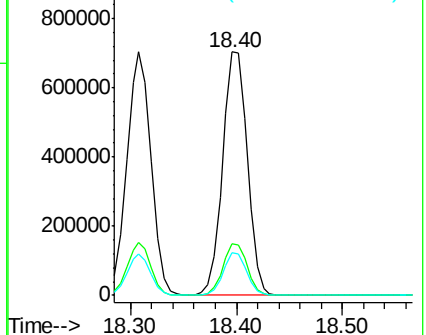
179 17.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.22 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

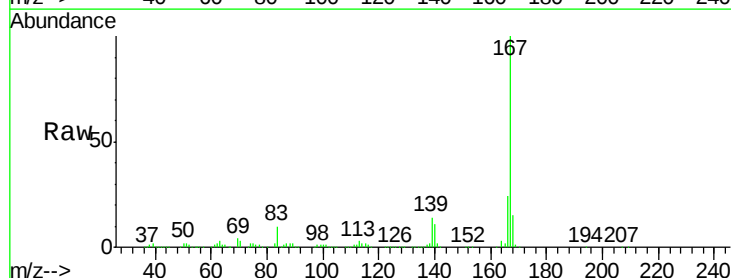
Tgt Ion:167 Resp: 1074397

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

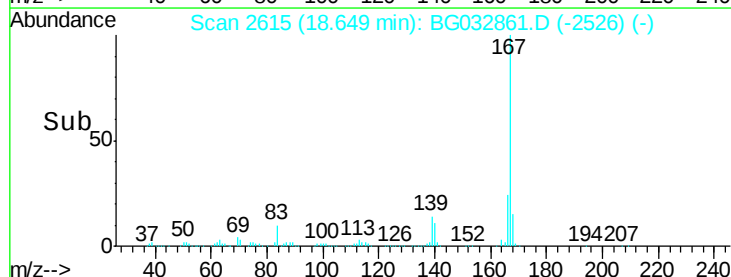
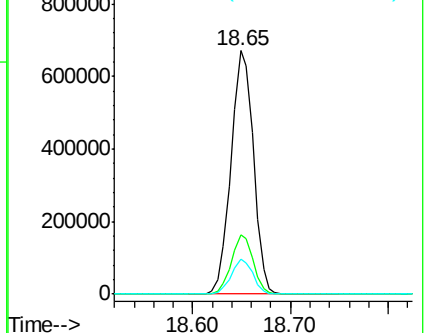
139 14.3 9.4 14.2#

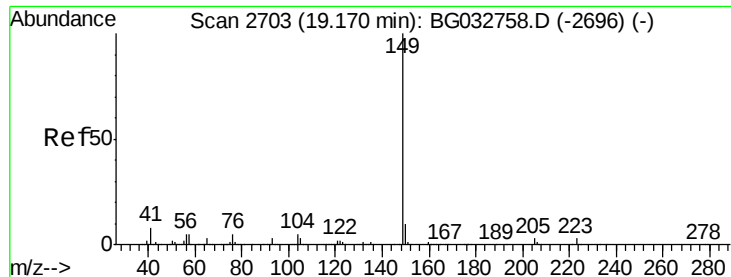


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

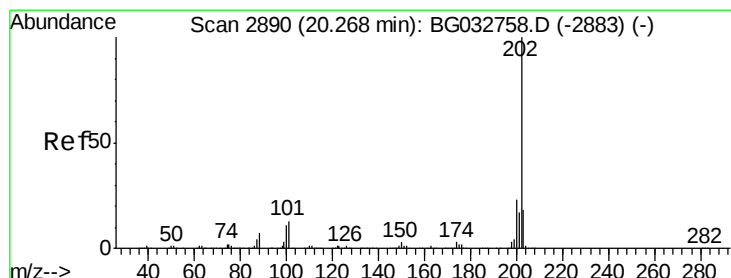
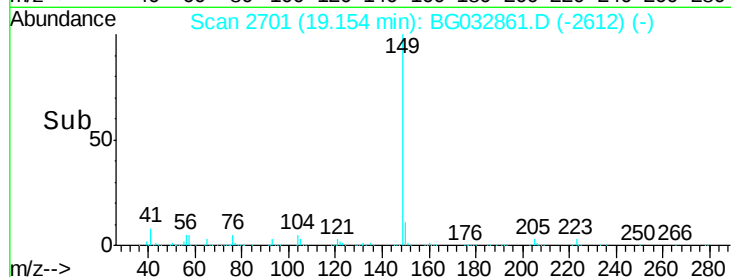
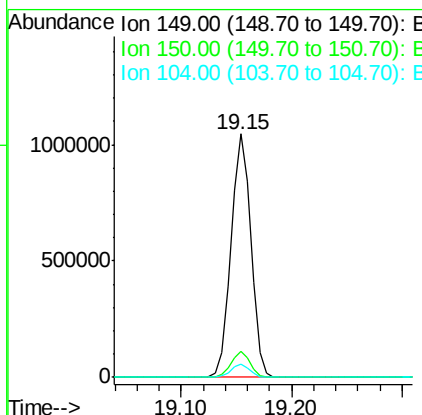
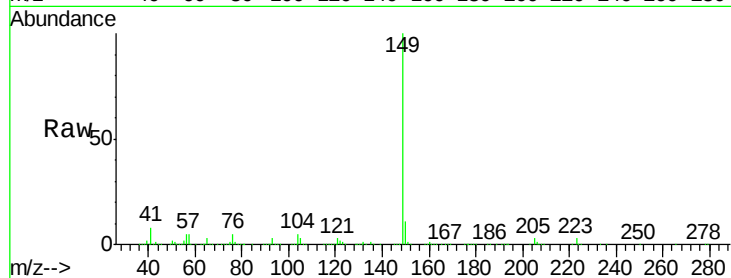




#73
Di-n-butylphthalate
Concen: 44.55 ng
RT: 19.15 min Scan# 2701
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

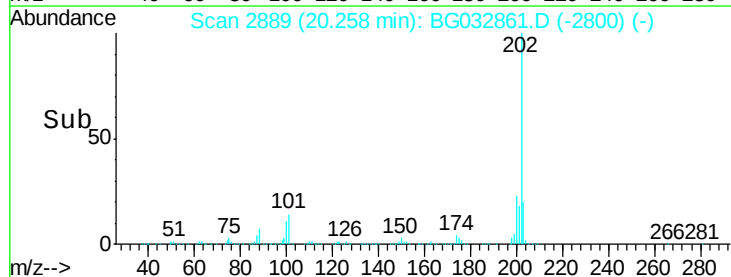
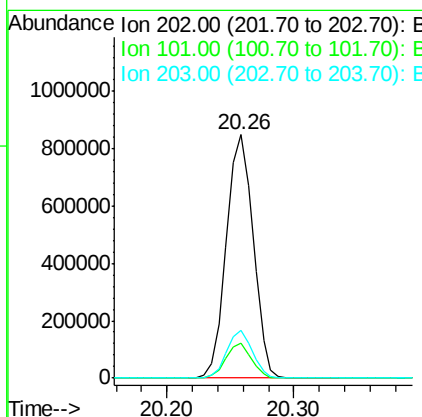
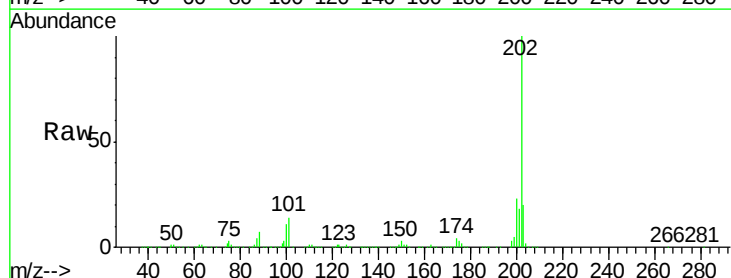
Instrument :
BNA_G
ClientSampleId :

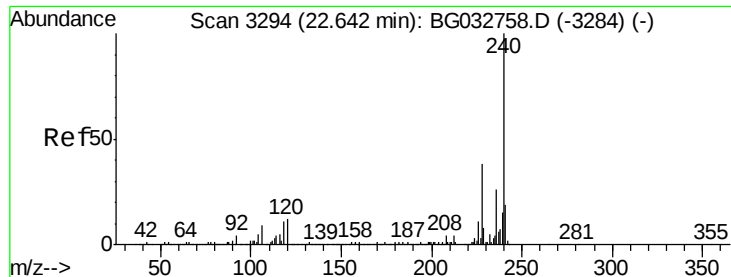
Tot Ion:149 Resp: 1327999
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 45.72 ng
RT: 20.26 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:202 Resp: 1240255
Ion Ratio Lower Upper
202 100
101 14.3 0.0 28.9
203 19.6 0.0 37.5

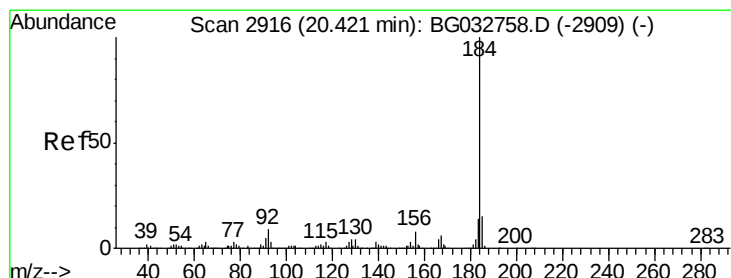
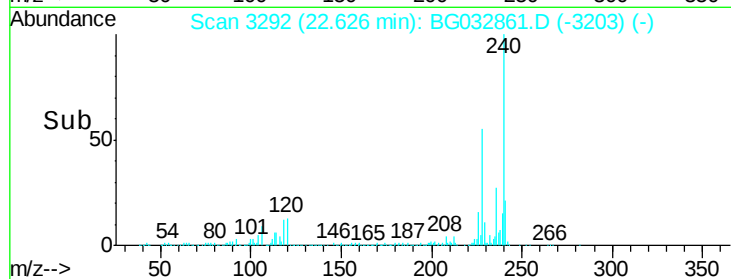
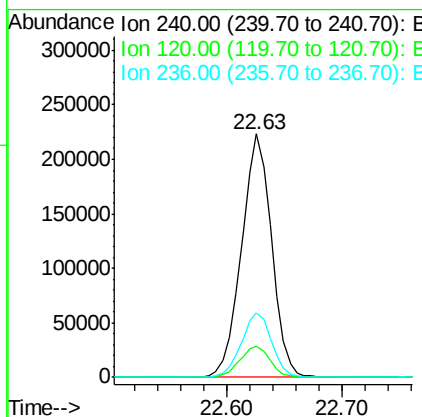
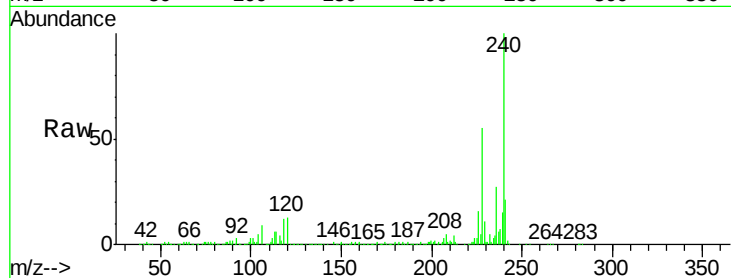




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

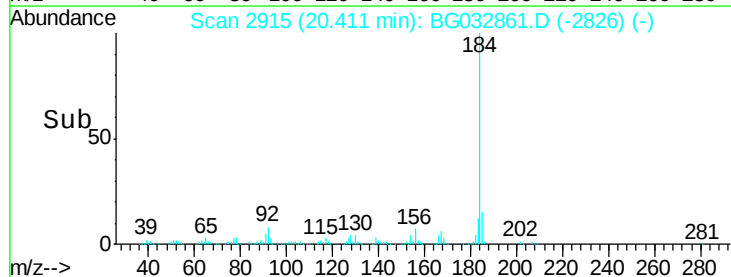
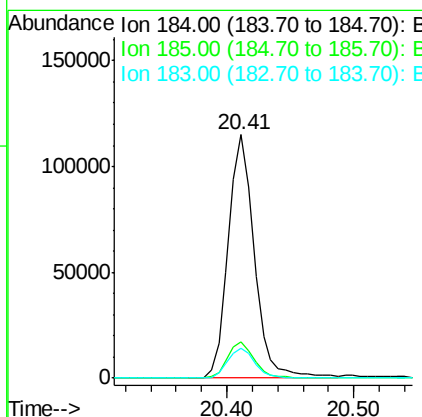
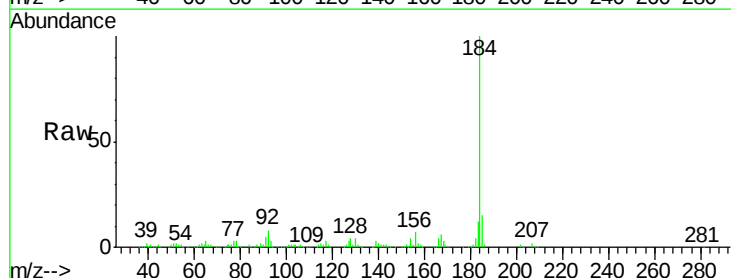
Instrument :
 BNA_G
 ClientSampleId :

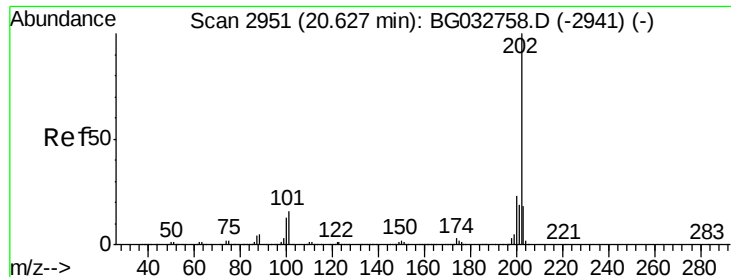
Tot Ion:240 Resp: 402590
 Ion Ratio Lower Upper
 240 100
 120 12.7 6.8 10.2#
 236 26.7 20.9 31.3



#76
 Benzidine
 Concen: 11.98 ng
 RT: 20.41 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:184 Resp: 164438
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.1 16.7
 183 12.3 10.6 16.0





#77

Pvrene

Concen: 44.07 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

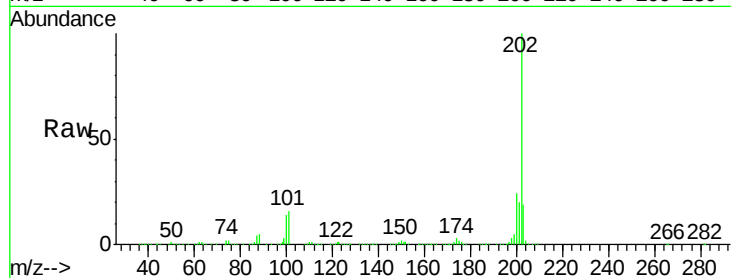
Tot Ion:202 Resp: 1251179

Ion Ratio Lower Upper

202 100

200 23.7 16.9 25.3

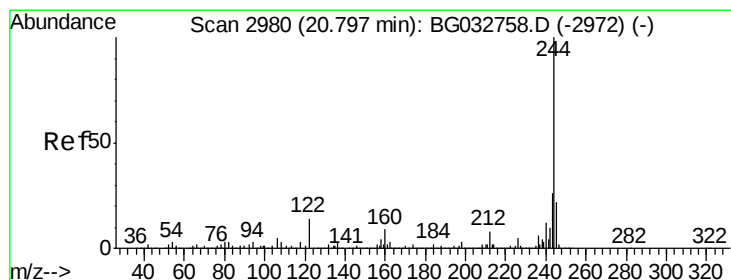
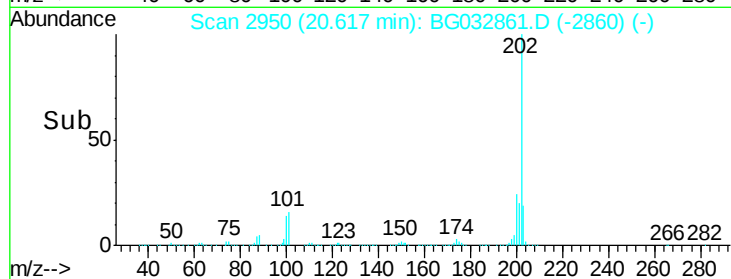
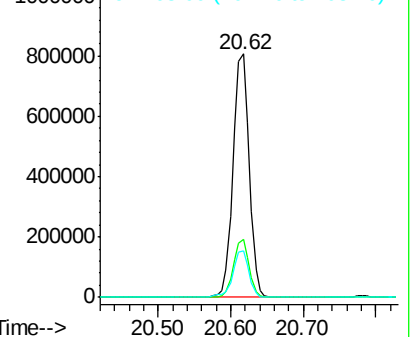
203 19.1 13.9 20.9



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: 89.99 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

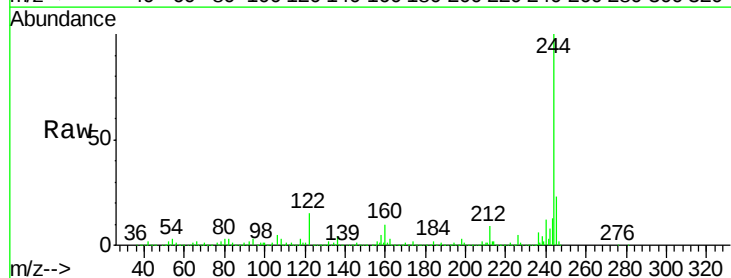
Tgt Ion:244 Resp: 1612571

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

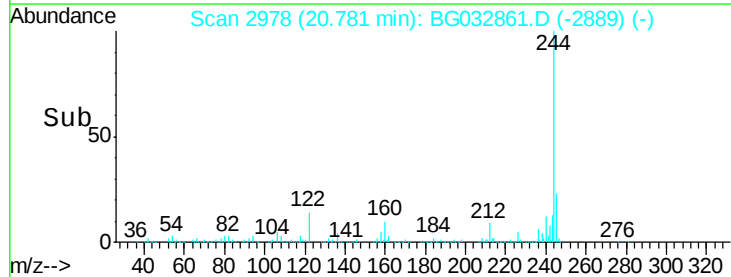
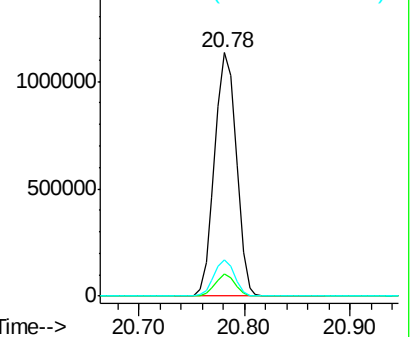
122 15.0 7.0 10.4#

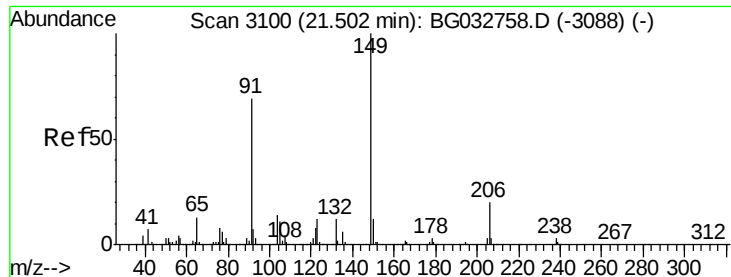


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

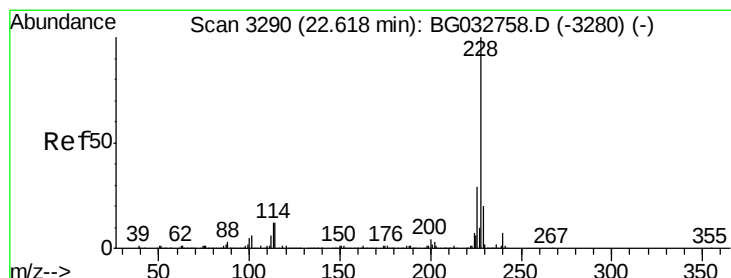
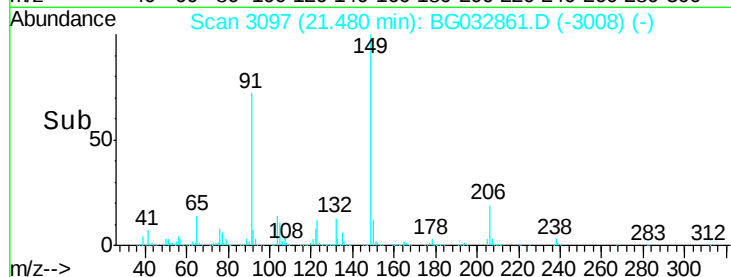
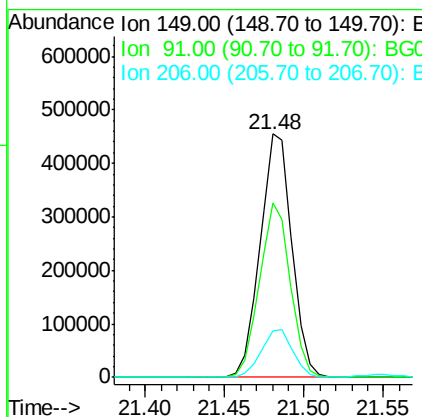
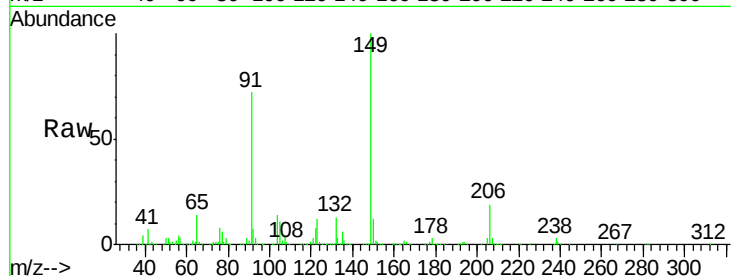




#79
Butylbenzylphthalate
Concen: 50.43 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

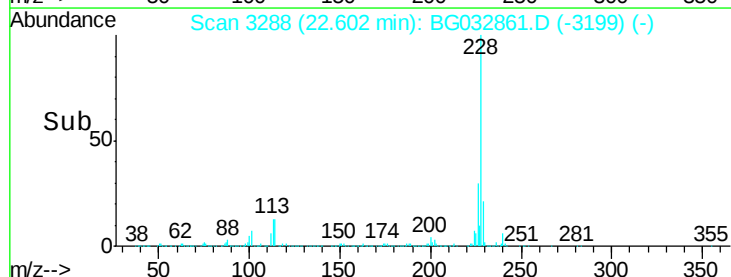
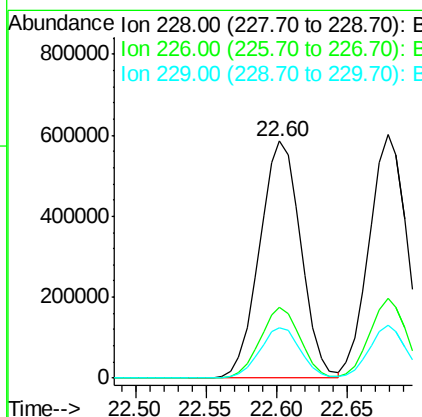
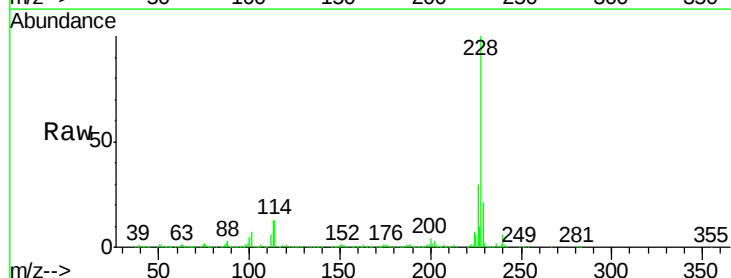
Instrument :
BNA_G
ClientSampleId :

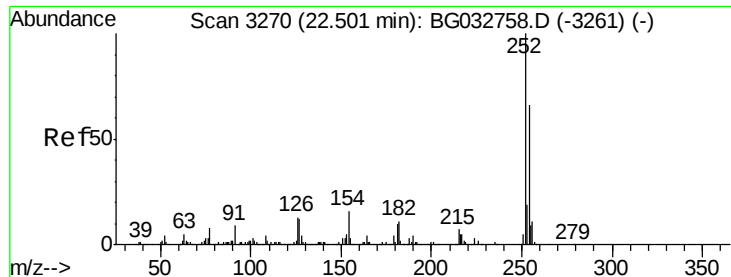
Tot Ion:149 Resp: 634757
Ion Ratio Lower Upper
149 100
91 71.6 62.2 93.2
206 19.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 46.44 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:228 Resp: 1198861
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.0 16.2 24.2

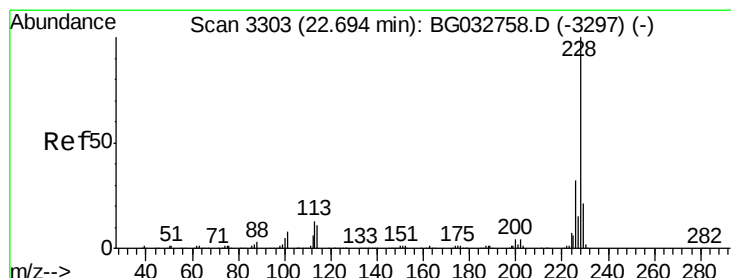
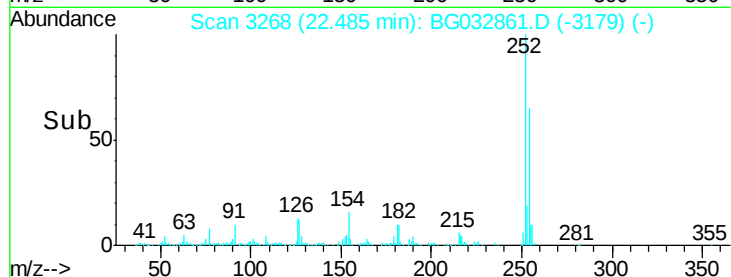
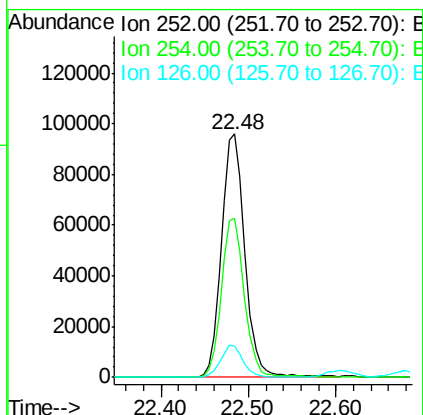
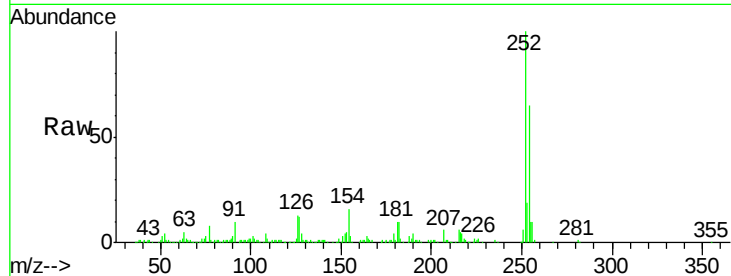




#81
 3,3'-Dichlorobenzidine
 Concen: 18.59 ng
 RT: 22.48 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

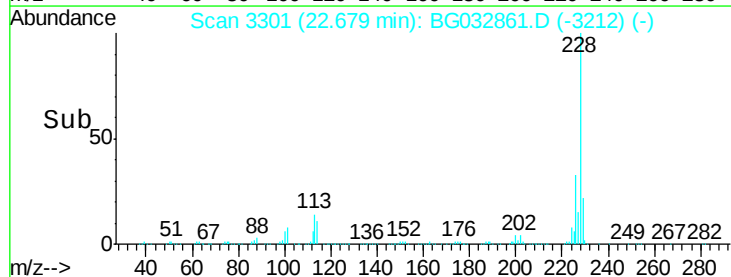
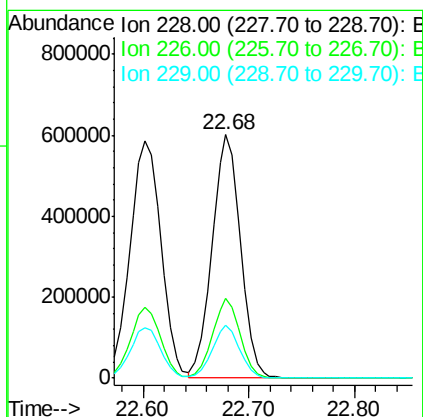
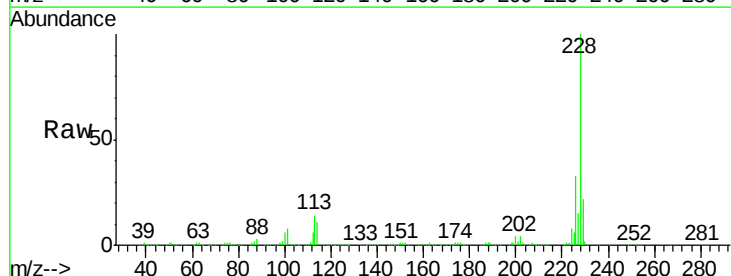
Instrument :
 BNA_G
 ClientSampleId :

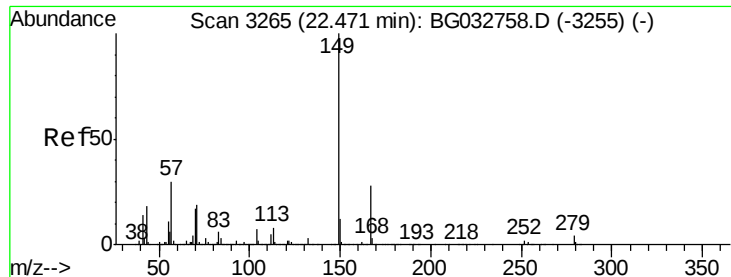
Tot Ion:252 Resp: 177748
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 12.5 7.4 11.2#



#82
 Chrysene
 Concen: 45.54 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion:228 Resp: 1123010
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.9 37.3
 229 21.6 15.0 22.4

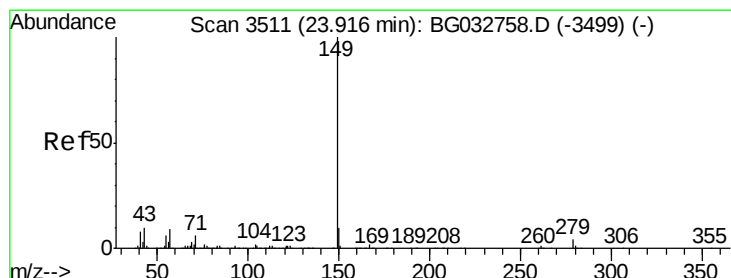
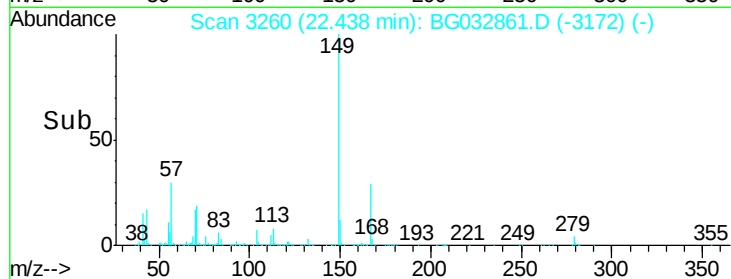
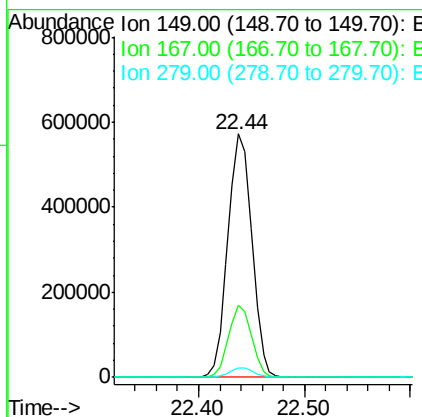
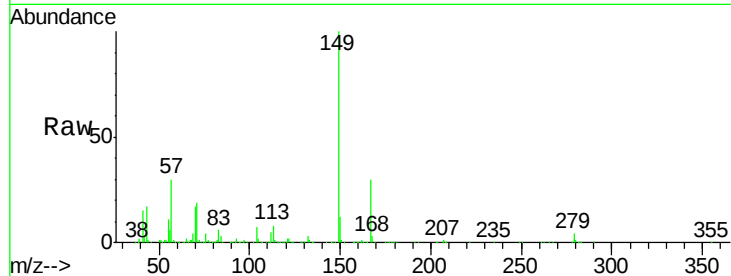




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.41 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

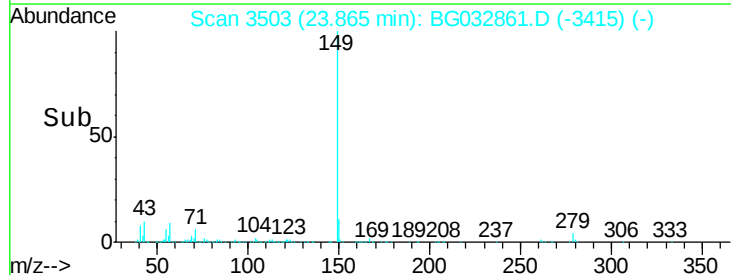
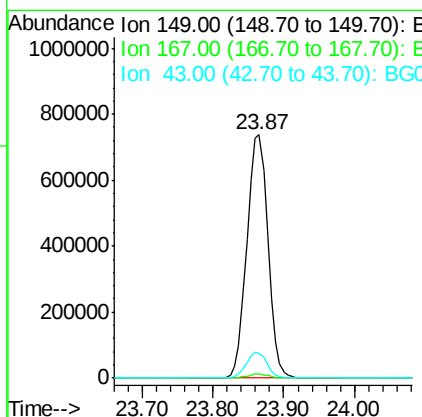
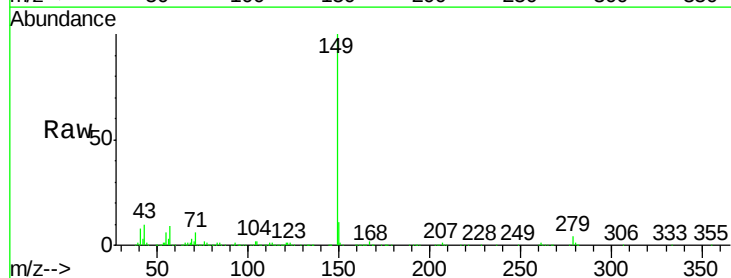
Instrument :
 BNA_G
 ClientSampleId :

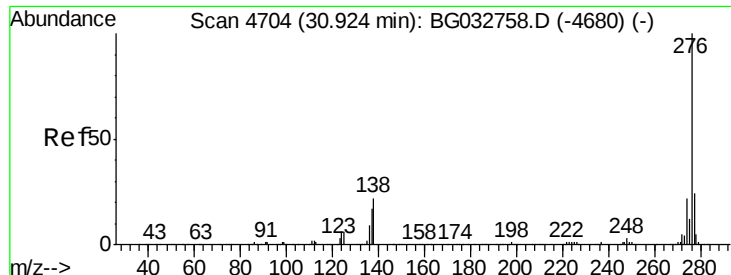
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	3.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 54.17 ng
 RT: 23.87 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.9	13.3

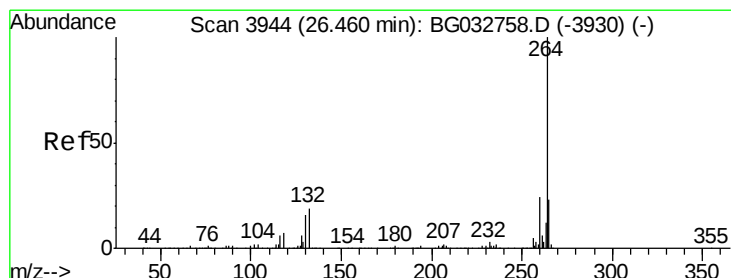
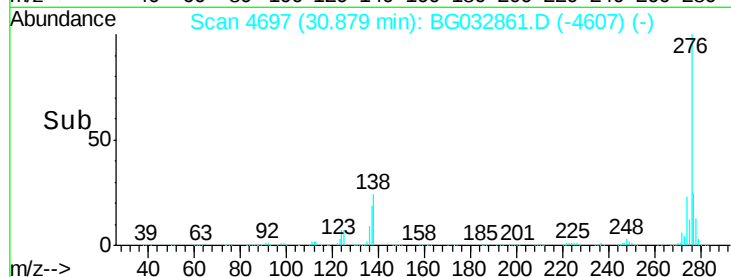
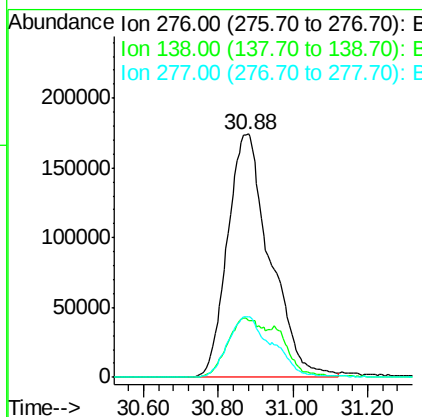
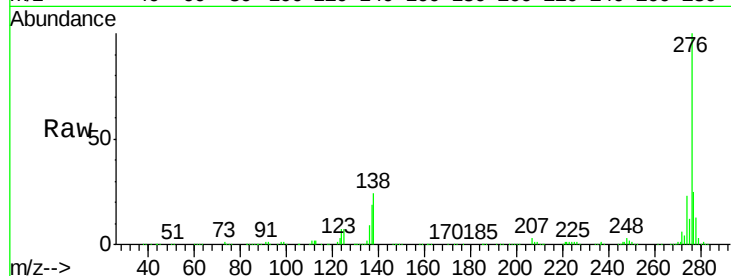




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.04 ng
RT: 30.88 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

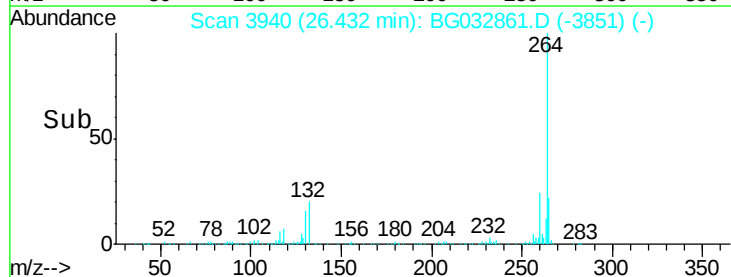
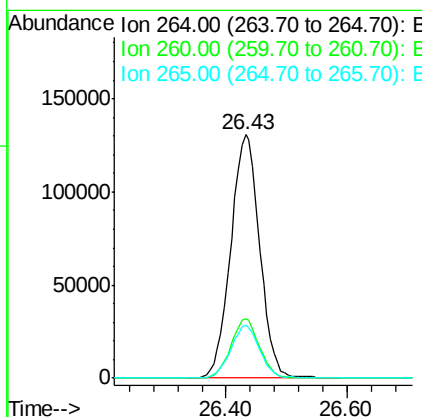
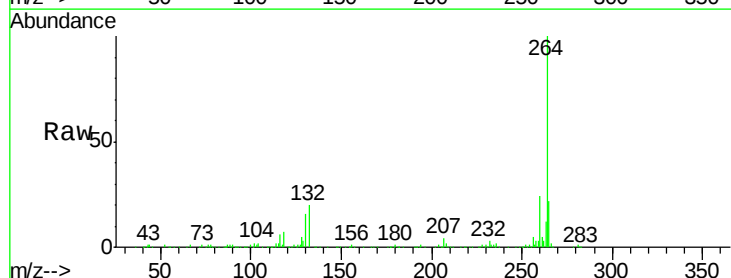
Instrument :
BNA_G
ClientSampleId :

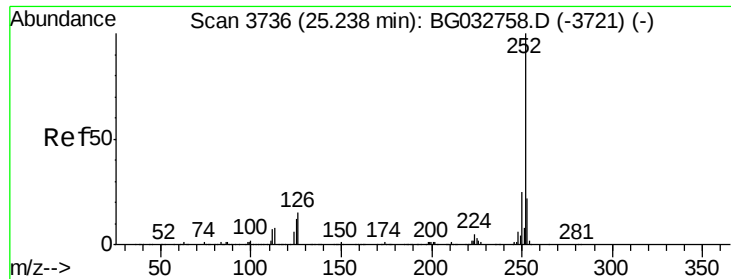
Tot Ion:276 Resp: 1381758
Ion Ratio Lower Upper
276 100
138 20.4 16.0 24.0
277 20.3 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3940
Delta R.T. -0.01 min
Lab File: BG032861.D
Acq: 27 Feb 2018 19:11

Tgt Ion:264 Resp: 434377
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.0
265 21.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 47.41 ng

RT: 25.21 min Scan# 3732

Delta R.T. -0.01 min

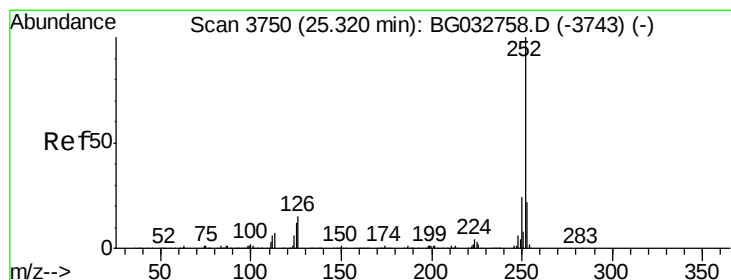
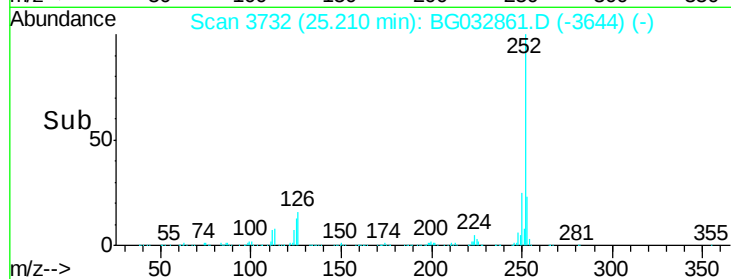
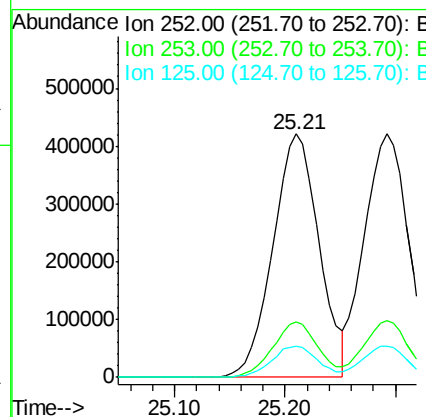
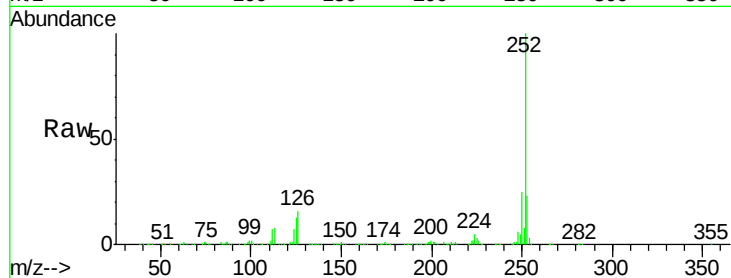
Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1217578

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.7	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 45.98 ng

RT: 25.29 min Scan# 3746

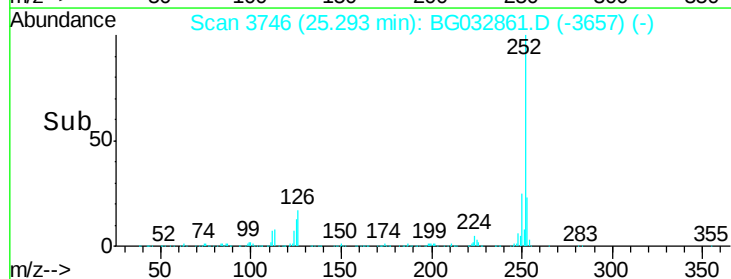
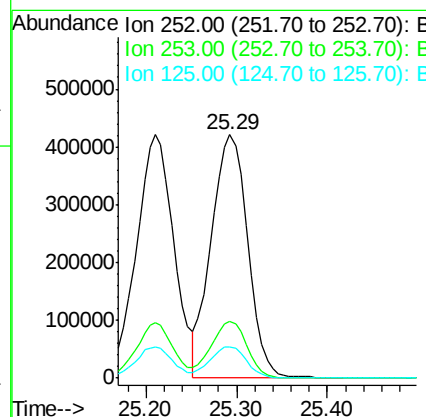
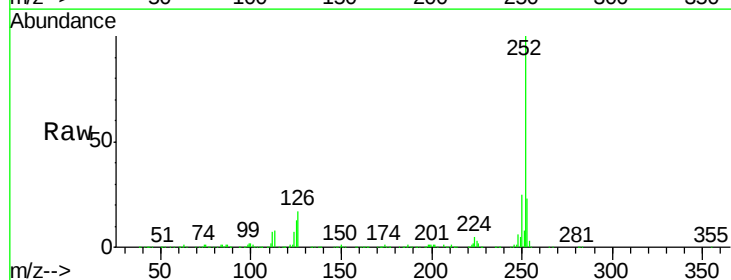
Delta R.T. -0.01 min

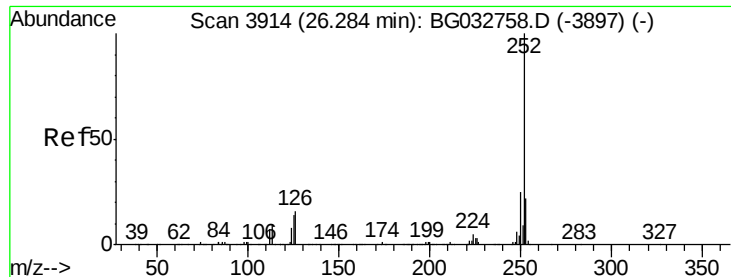
Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Tgt Ion:252 Resp: 1173688

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	13.0	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 47.98 ng

RT: 26.26 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

Instrument :

BNA_G

ClientSampleId :

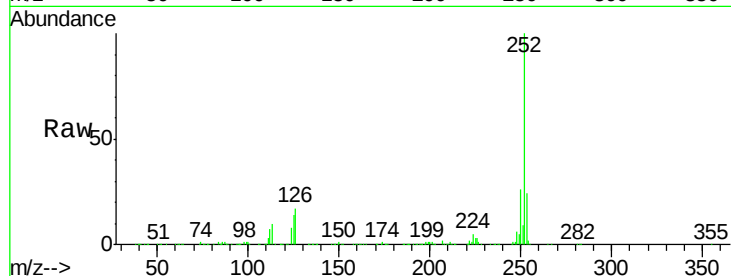
Tot Ion:252 Resp: 1172141

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

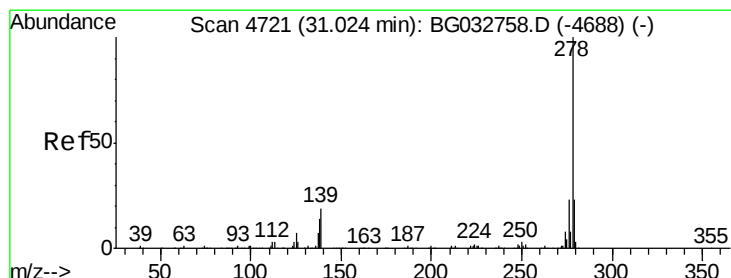
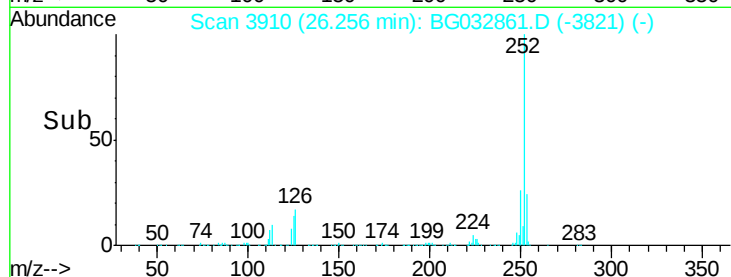
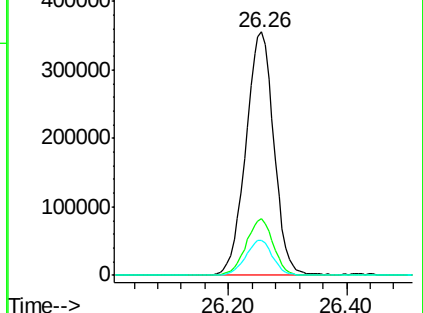
125 14.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.15 ng

RT: 30.96 min Scan# 4711

Delta R.T. -0.01 min

Lab File: BG032861.D

Acq: 27 Feb 2018 19:11

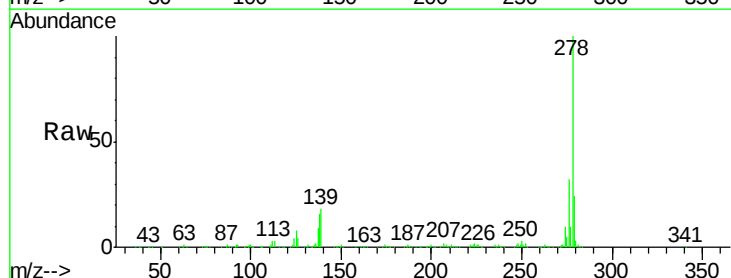
Tgt Ion:278 Resp: 1159257

Ion Ratio Lower Upper

278 100

139 18.1 9.8 14.6#

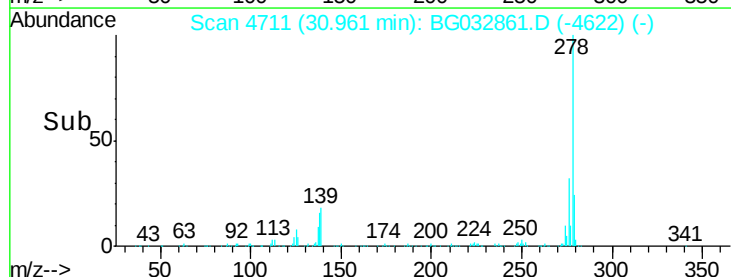
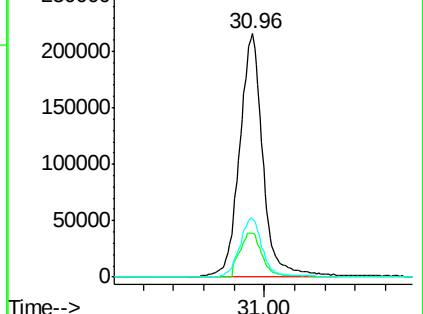
279 24.1 18.4 27.6

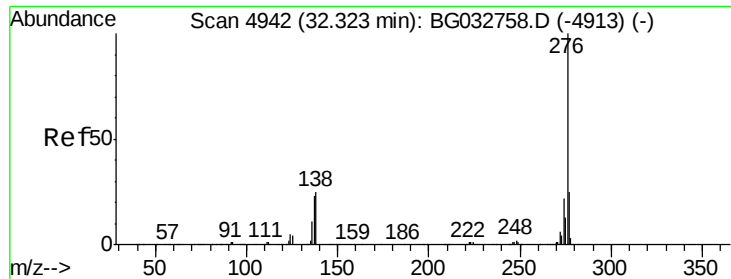


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

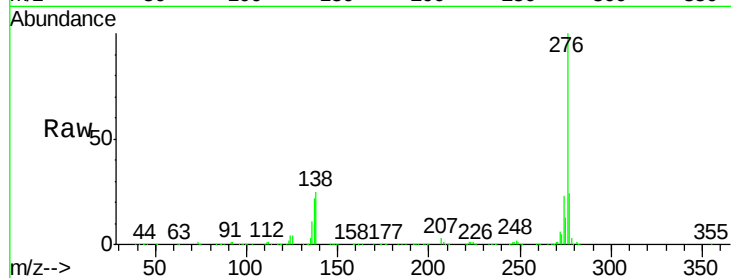




#91
 Benzo(a,h,i)perylene
 Concen: 47.35 ng
 RT: 32.27 min Scan# 4933
 Delta R.T. -0.01 min
 Lab File: BG032861.D
 Acq: 27 Feb 2018 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1147720
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.3 27.5
 138 25.3 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

