

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
 Data File : BG032107.D
 Acq On : 17 Jan 2018 19:13
 Operator : SJ/JU
 Sample : PB105719BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 18 05:17:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	48288	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	190351	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	136985	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	363209	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	451354	20.00	ng	-0.03
86) Perylene-d12	26.15	264	490568	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	351788	133.24	ng	-0.02
7) Phenol-d6	7.85	99	448594	134.91	ng	-0.02
23) Nitrobenzene-d5	9.94	82	263851	93.78	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	320595	141.43	ng	-0.02
44) 2-Fluorobiphenyl	14.00	172	906649	82.07	ng	-0.03
78) Terphenyl-d14	20.65	244	1770558	86.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	32882	32.418	ng	# 75
3) Pyridine	4.27	79	91107	33.650	ng	# 83
4) n-Nitrosodimethylamine	4.18	42	48055	50.521	ng	# 83
6) Aniline	8.04	93	82399	19.646	ng	95
8) 2-Chlorophenol	8.29	128	129717	43.906	ng	83
9) Benzaldehyde	7.84	77	15974	8.291	ng	86
10) Phenol	7.88	94	143668	43.861	ng	98
11) bis(2-Chloroethyl)ether	8.13	93	104044	39.647	ng	# 82
12) 1,3-Dichlorobenzene	8.63	146	151570	39.199	ng	95
13) 1,4-Dichlorobenzene	8.78	146	152116	39.072	ng	95
14) 1,2-Dichlorobenzene	9.11	146	147277	39.111	ng	96
15) Benzyl Alcohol	8.98	79	110664	45.812	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	107020	40.128	ng	80
17) 2-Methylphenol	9.18	107	104838	41.880	ng	98
18) Hexachloroethane	9.87	117	50759	42.422	ng	83
19) n-Nitroso-di-n-propylamine	9.56	70	82005	39.748	ng	# 88
20) 3+4-Methylphenols	9.52	107	143792	41.464	ng	99
22) Acetophenone	9.58	105	187323	43.324	ng	# 91
24) Nitrobenzene	9.99	77	126062	44.918	ng	89
25) Isophorone	10.51	82	235126	44.880	ng	# 84
26) 2-Nitrophenol	10.71	139	77130	46.382	ng	# 80
27) 2,4-Dimethylphenol	10.74	122	134216	50.860	ng	93
28) bis(2-Chloroethoxy)methane	10.99	93	144093	45.650	ng	# 94
29) 2,4-Dichlorophenol	11.25	162	161968	49.881	ng	88
30) 1,2,4-Trichlorobenzene	11.48	180	177187	42.252	ng	97
31) Naphthalene	11.68	128	386508	40.989	ng	99
32) Benzoic acid	10.84	122	63277	31.874	ng	# 80
33) 4-Chloroaniline	11.77	127	82861	20.492	ng	93
34) Hexachlorobutadiene	11.95	225	125271	41.591	ng	95
35) Caprolactam	12.53	113	54480	55.305	ng	# 50
36) 4-Chloro-3-methylphenol	12.85	107	147058	49.479	ng	86
37) 2-Methylnaphthalene	13.24	142	325693	43.505	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	247944	41.524	ng	# 96
40) Hexachlorocyclopentadiene	13.57	237	337817	100.446	ng	92

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 Misc :
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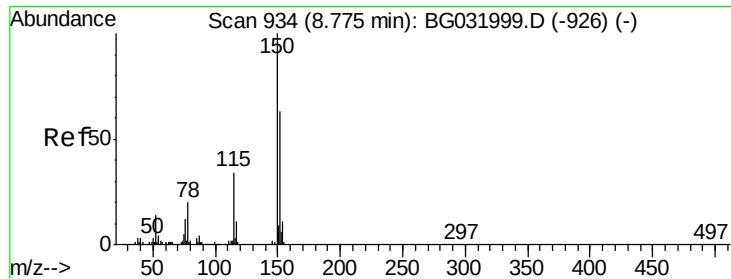
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 18 05:17:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.82	196	156709	46.708	ng	99
43) 2,4,5-Trichlorophenol	13.90	196	169660	43.688	ng	# 91
45) 1,1'-Biphenyl	14.22	154	467007	39.768	ng	93
46) 2-Chloronaphthalene	14.27	162	357166	39.096	ng	93
47) 2-Nitroaniline	14.46	65	86453	49.433	ng	# 72
48) Acenaphthylene	15.11	152	540646	38.863	ng	98
49) Dimethylphthalate	14.81	163	501572	41.842	ng	# 99
50) 2,6-Dinitrotoluene	14.94	165	111870	44.961	ng	# 73
51) Acenaphthene	15.44	154	411934	44.781	ng	99
52) 3-Nitroaniline	15.27	138	62510	27.816	ng	# 76
53) 2,4-Dinitrophenol	15.47	184	126538	99.520	ng	# 60
54) Dibenzofuran	15.77	168	584119	42.566	ng	98
55) 4-Nitrophenol	15.55	139	185014	112.970	ng	# 80
56) 2,4-Dinitrotoluene	15.71	165	165739	49.476	ng	# 67
57) Fluorene	16.42	166	474165	42.131	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.98	232	188305	52.416	ng	# 86
59) Diethylphthalate	16.16	149	495816	42.665	ng	96
60) 4-Chlorophenyl-phenylether	16.40	204	301471	43.667	ng	92
61) 4-Nitroaniline	16.43	138	95790	44.435	ng	88
62) Azobenzene	16.69	77	324900	44.668	ng	87
64) 4,6-Dinitro-2-methylphenol	16.47	198	97332	42.491	ng	# 70
65) n-Nitrosodiphenylamine	16.61	169	447637	40.616	ng	100
66) 4-Bromophenyl-phenylether	17.29	248	218771	42.333	ng	93
67) Hexachlorobenzene	17.41	284	223619	39.112	ng	# 90
68) Atrazine	17.53	200	213739	46.115	ng	98
69) Pentachlorophenol	17.75	266	316566	86.624	ng	97
70) Phenanthrene	18.16	178	841055	41.591	ng	99
71) Anthracene	18.25	178	862521	42.764	ng	99
72) Carbazole	18.51	167	757070	43.270	ng	100
73) Di-n-butylphthalate	19.02	149	872133	42.184	ng	99
74) Fluoranthene	20.12	202	1107667	43.748	ng	95
76) Benzidine	20.28	184	470951	41.726	ng	99
77) Pyrene	20.47	202	1120646	39.496	ng	97
79) Butylbenzylphthalate	21.34	149	406539	39.990	ng	# 78
80) Benzo(a)anthracene	22.43	228	1199678	42.739	ng	99
81) 3,3'-Dichlorobenzidine	22.32	252	288230	27.488	ng	# 97
82) Chrysene	22.51	228	1124579	41.717	ng	97
83) Bis(2-ethylhexyl)phthalate	22.27	149	579386	38.865	ng	# 97
84) Di-n-octyl phthalate	23.65	149	996575	42.091	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.44	276	1491104	45.198	ng	# 87
87) Benzo(b)fluoranthene	24.96	252	1287934	43.435	ng	# 96
88) Benzo(k)fluoranthene	25.04	252	1209633	41.747	ng	# 96
89) Benzo(a)pyrene	25.97	252	1236843	44.094	ng	# 96
90) Dibenzo(a,h)anthracene	30.51	278	1244329	46.035	ng	# 94
91) Benzo(g,h,i)perylene	31.80	276	1237123	44.779	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

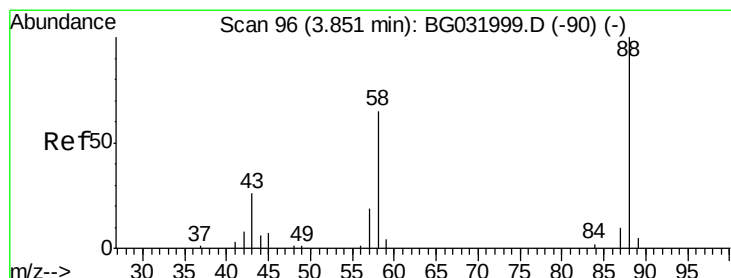
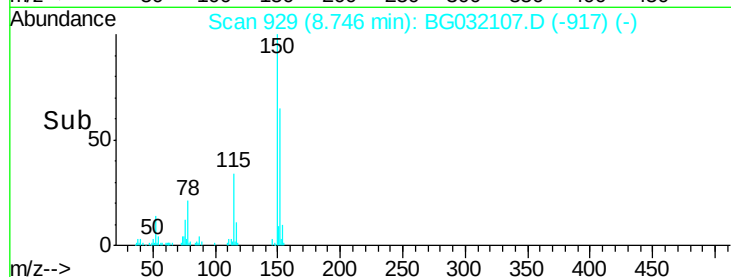
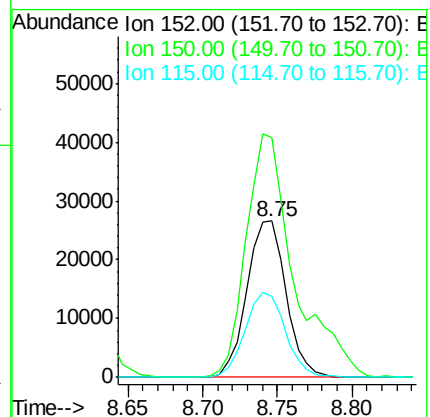
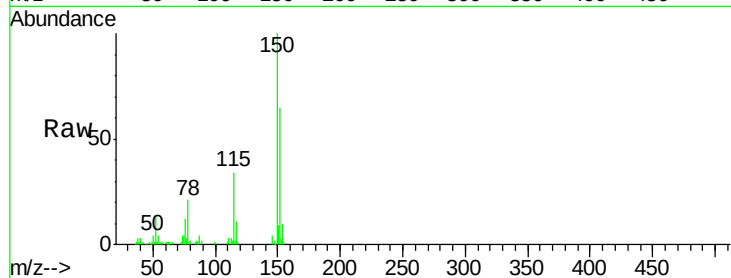
Tot Ion:152 Resp: 48288

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

115 51.7 53.0 79.4#



#2

1,4-Dioxane

Concen: 32.418 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

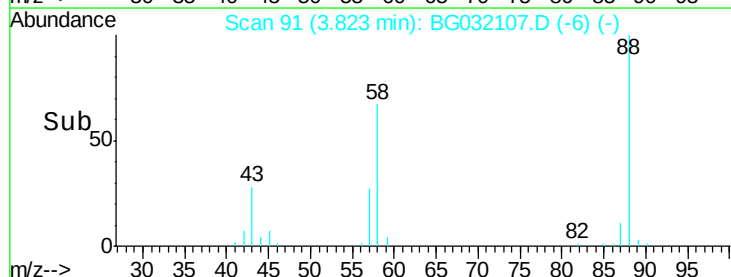
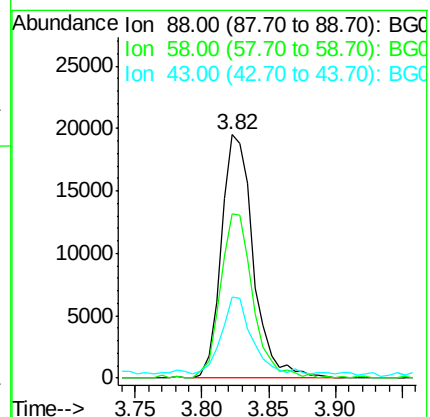
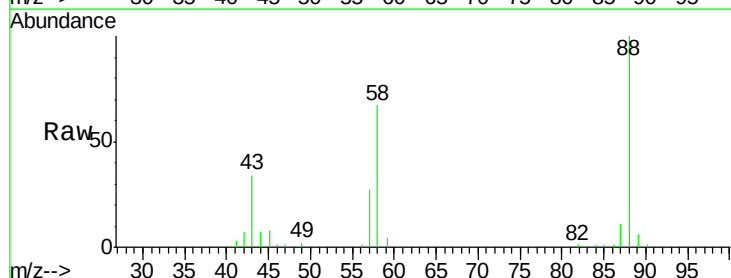
Tgt Ion: 88 Resp: 32882

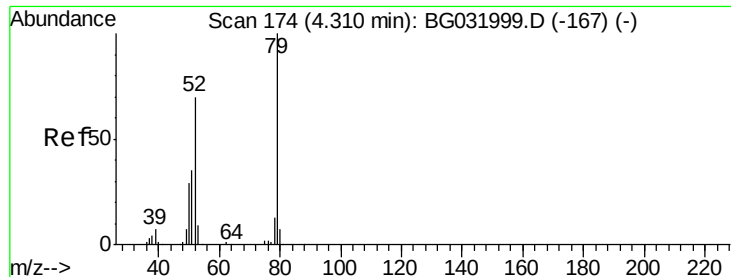
Ion Ratio Lower Upper

88 100

58 68.6 79.6 119.4#

43 28.9 27.4 41.0





#3

Pvridine

Concen: 33.650 ng

RT: 4.27 min Scan# 168

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

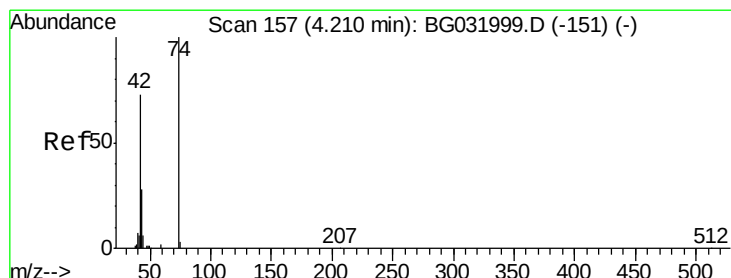
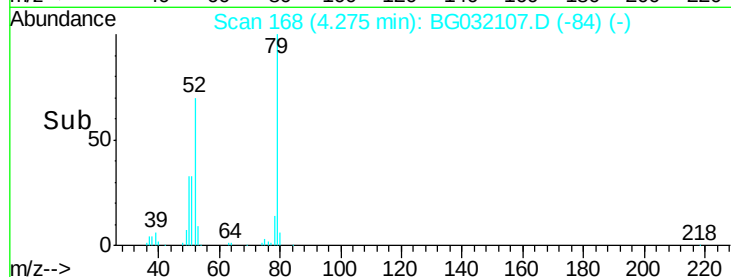
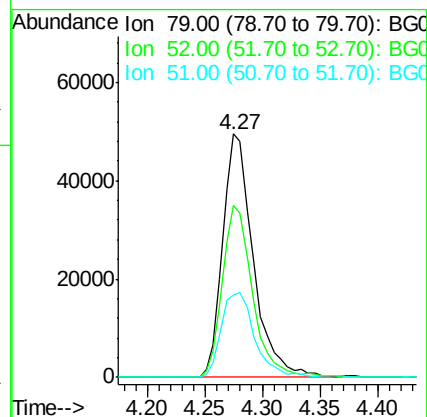
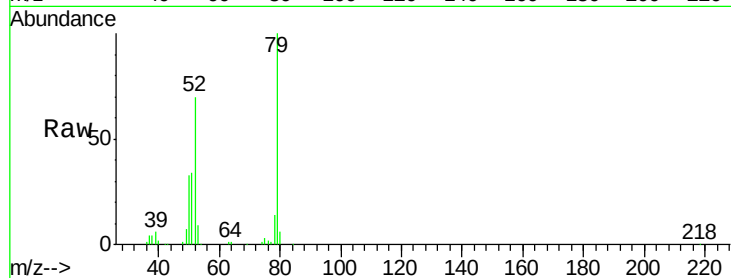
Tot Ion: 79 Resp: 91107

Ion Ratio Lower Upper

79 100

52 70.5 69.9 104.9

51 33.6 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 50.521 ng

RT: 4.18 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

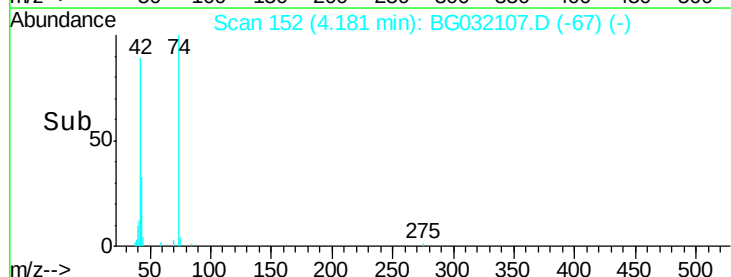
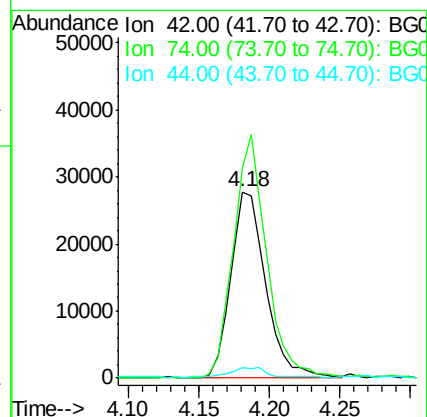
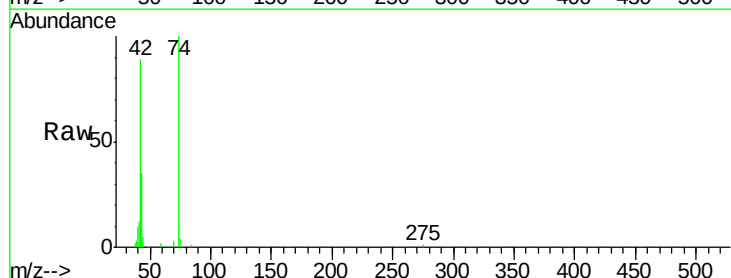
Tgt Ion: 42 Resp: 48055

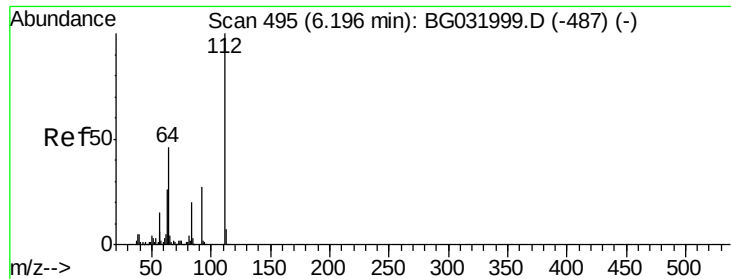
Ion Ratio Lower Upper

42 100

74 112.8 102.5 153.7

44 5.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 133.242 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

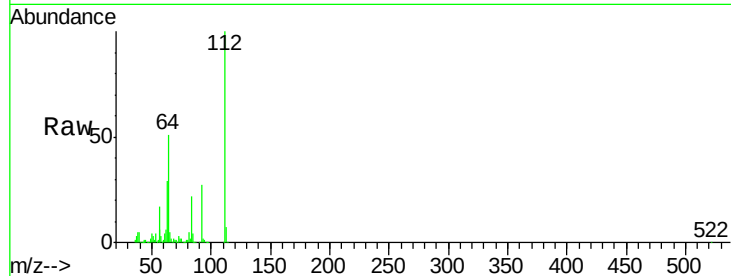
Tot Ion:112 Resp: 351788

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

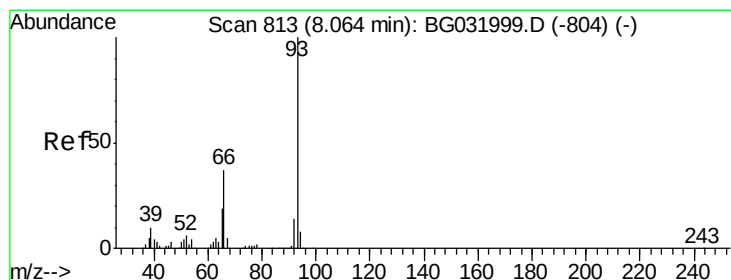
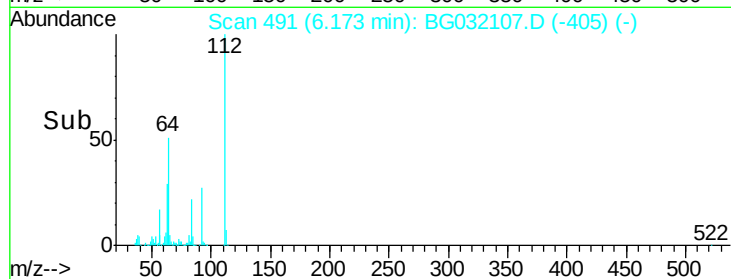
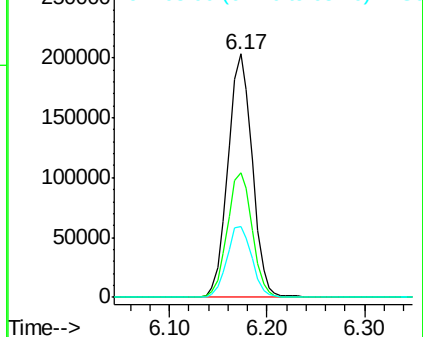
63 29.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.646 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

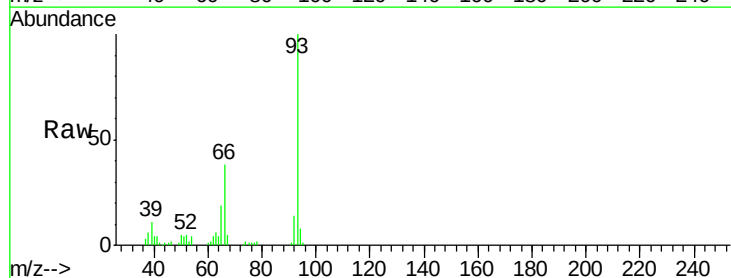
Tgt Ion: 93 Resp: 82399

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

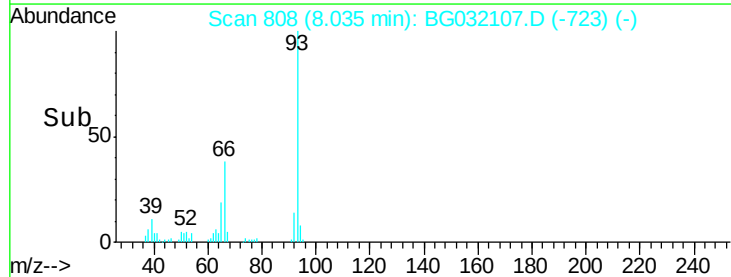
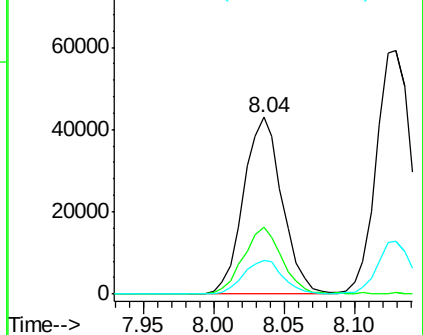
65 18.9 16.1 24.1

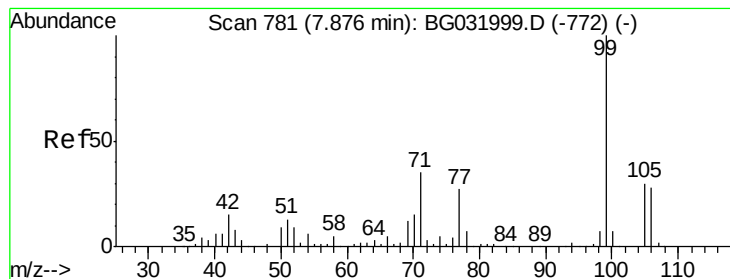


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.907 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

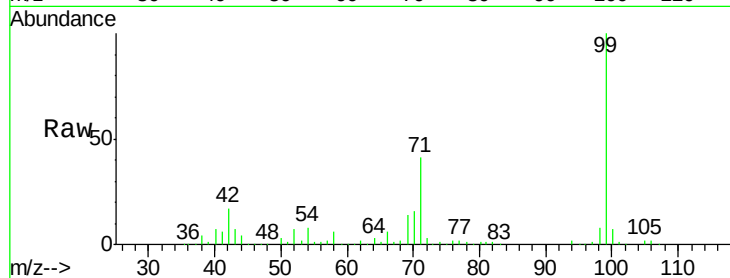
Tot Ion: 99 Resp: 448594

Ion Ratio Lower Upper

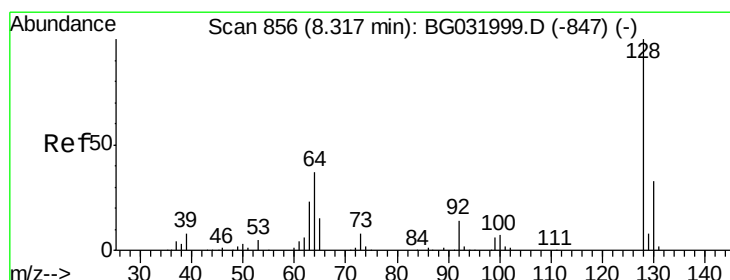
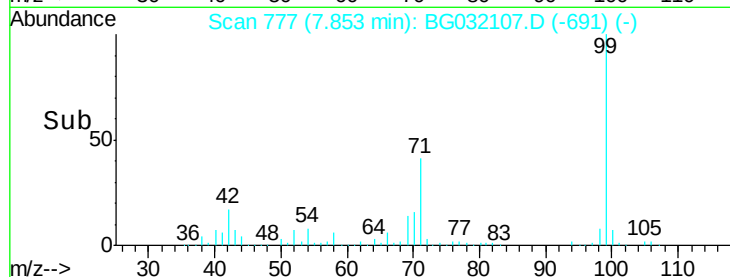
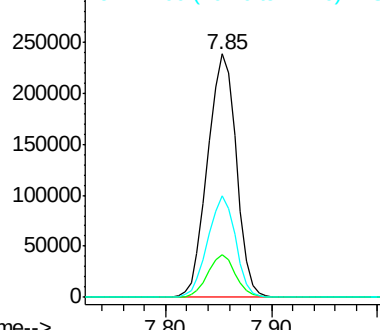
99 100

42 17.5 14.1 21.1

71 41.5 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: 43.906 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

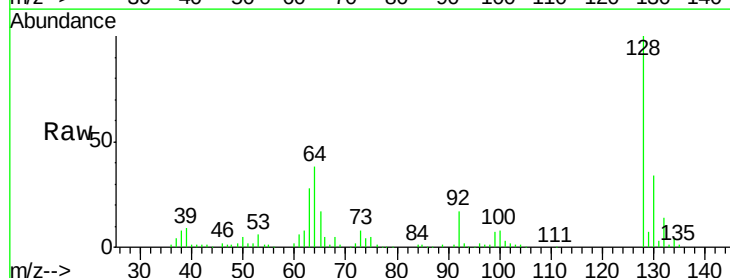
Tgt Ion:128 Resp: 129717

Ion Ratio Lower Upper

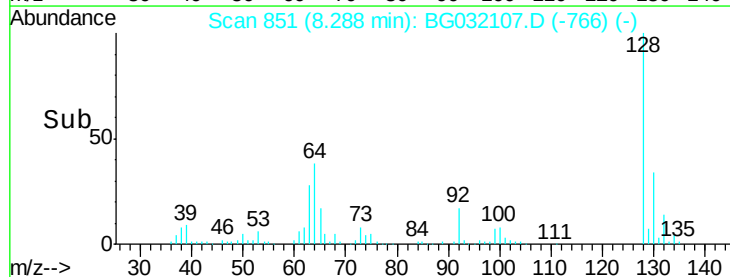
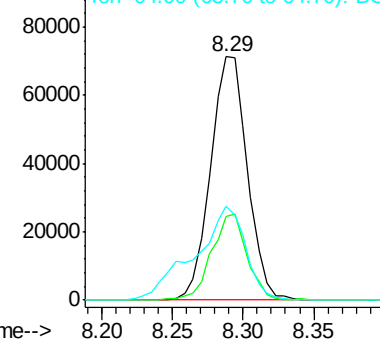
128 100

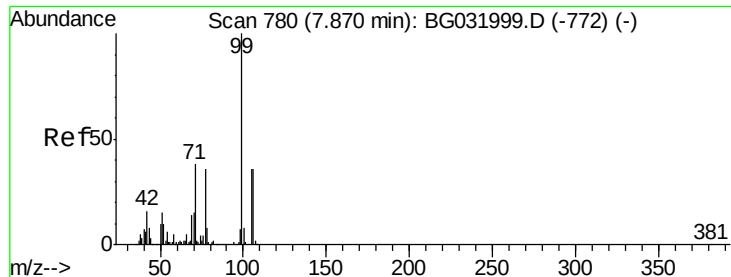
130 34.3 14.0 54.0

64 38.3 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: 8.291 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampled :

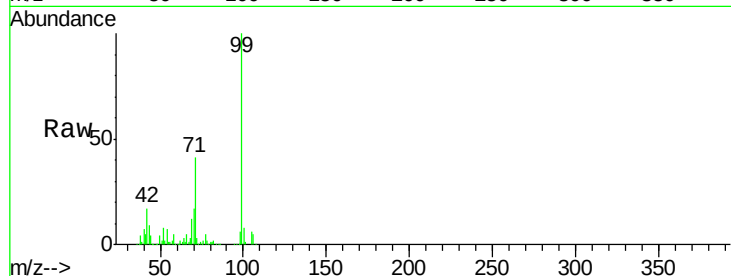
Tot Ion: 77 Resp: 15974

Ion Ratio Lower Upper

77 100

105 109.1 71.3 111.3

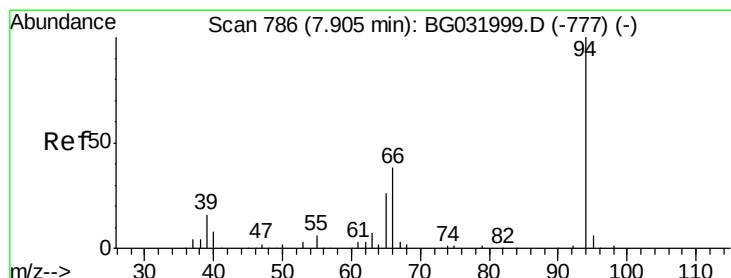
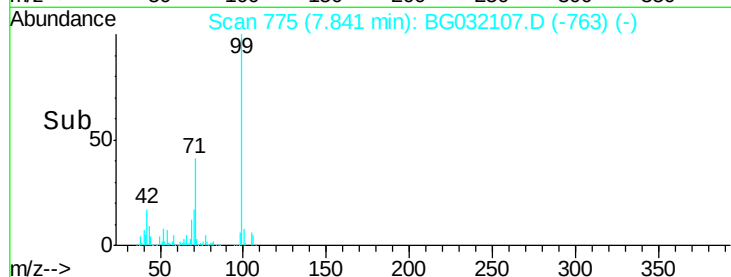
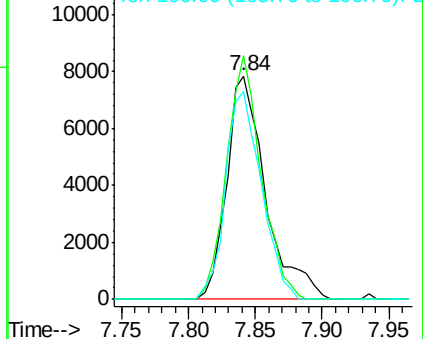
106 93.1 64.2 104.2



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: 43.861 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

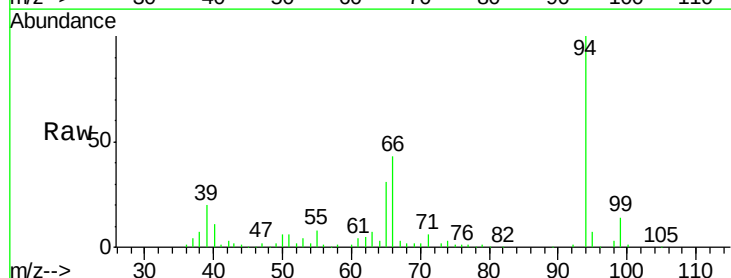
Tgt Ion: 94 Resp: 143668

Ion Ratio Lower Upper

94 100

65 31.2 11.9 51.9

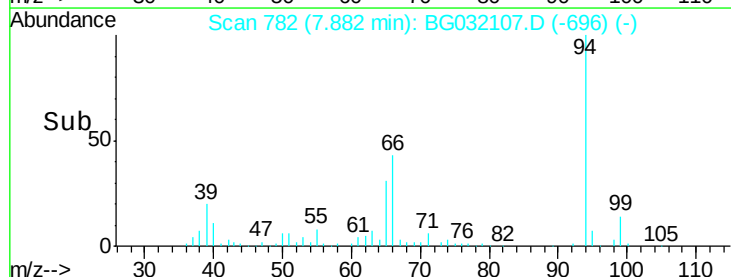
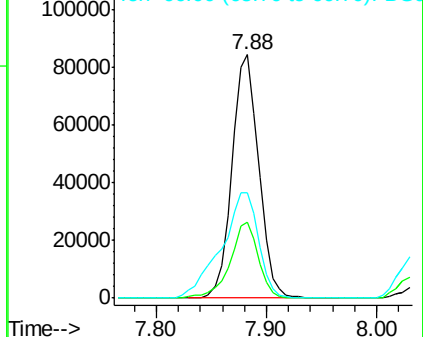
66 43.5 22.2 62.2

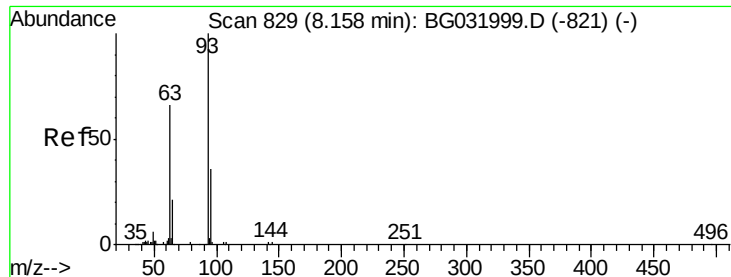


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

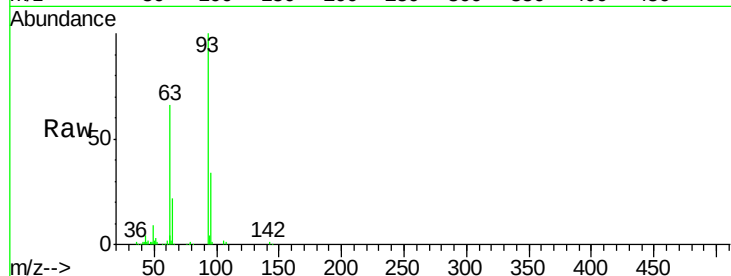




#11
bis(2-Chloroethyl)ether
Concen: 39.647 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.4	67.1	107.1#
95	34.2	11.5	51.5

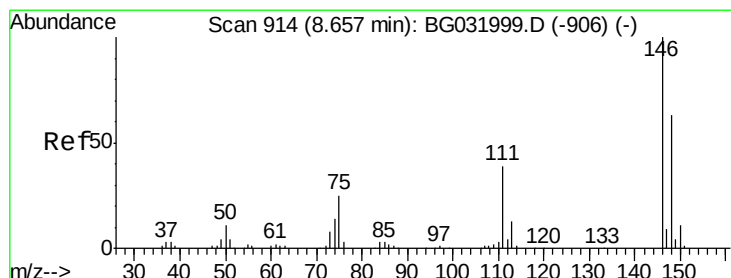
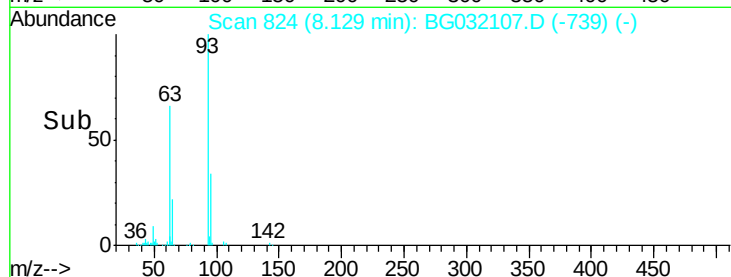
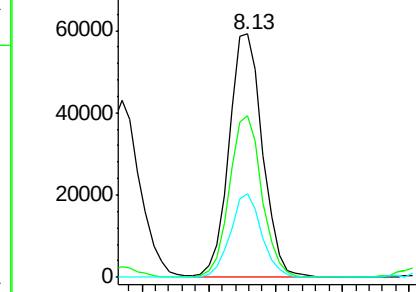


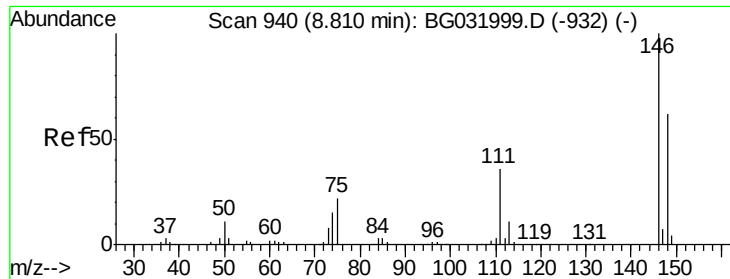
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

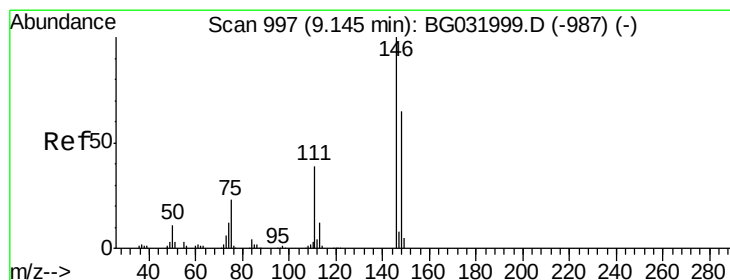
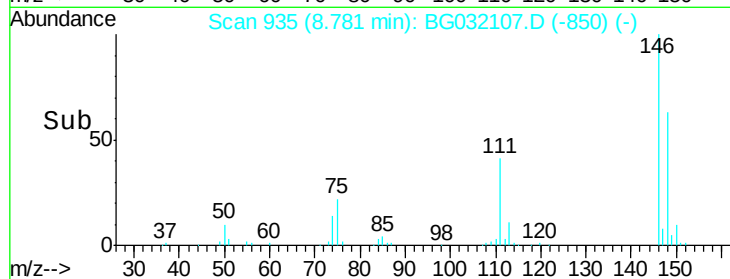
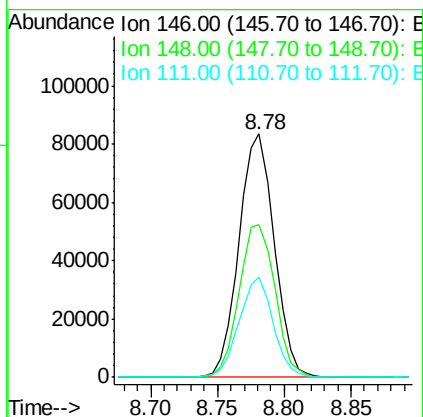
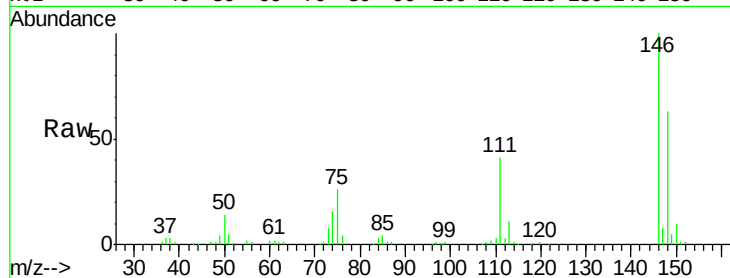




#13
1,4-Dichlorobenzene
Concen: 39.072 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

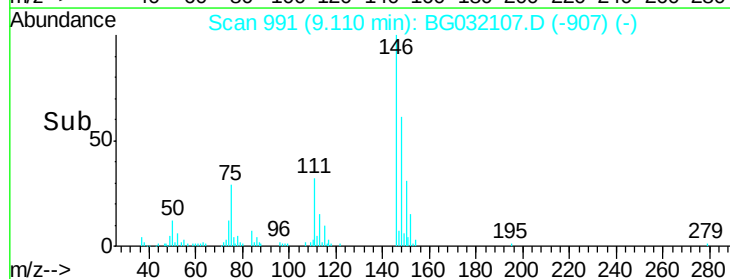
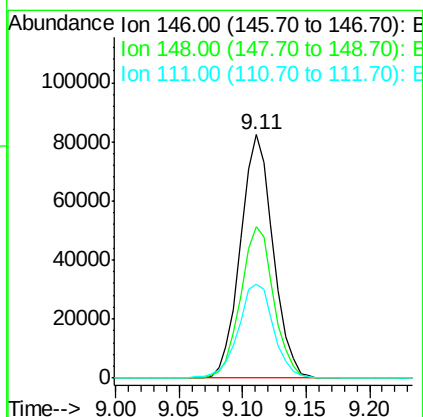
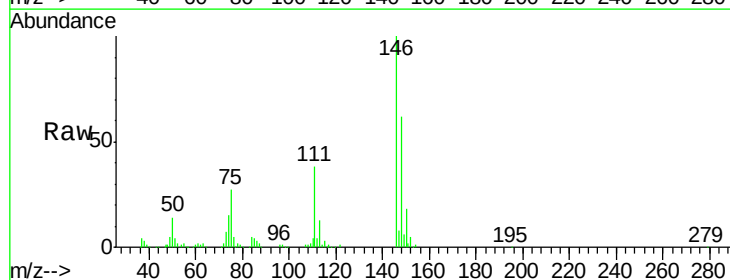
Instrument :
BNA_G
ClientSampleId :

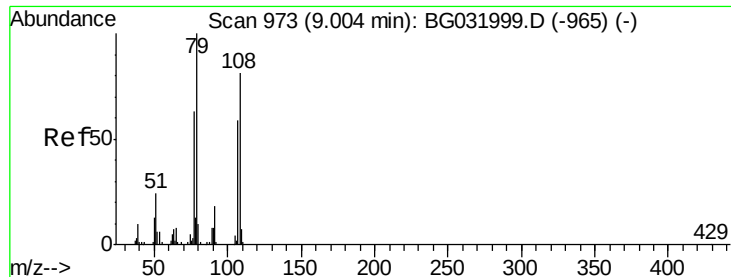
Tot Ion:146 Resp: 152116
Ion Ratio Lower Upper
146 100
148 63.0 53.7 80.5
111 41.3 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 39.111 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:146 Resp: 147277
Ion Ratio Lower Upper
146 100
148 62.4 49.3 73.9
111 38.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 45.812 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

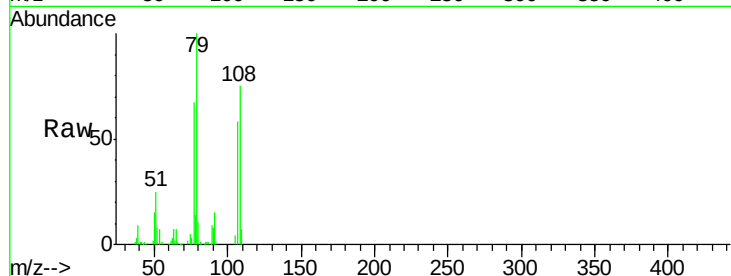
Tot Ion: 79 Resp: 110664

Ion Ratio Lower Upper

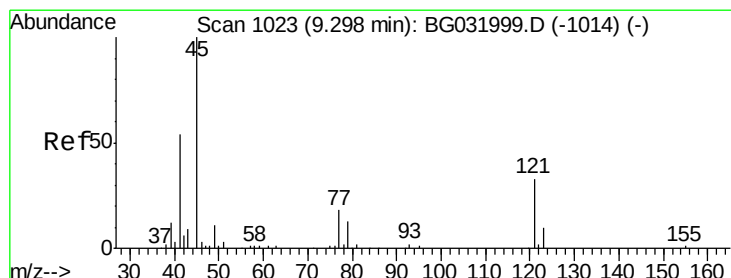
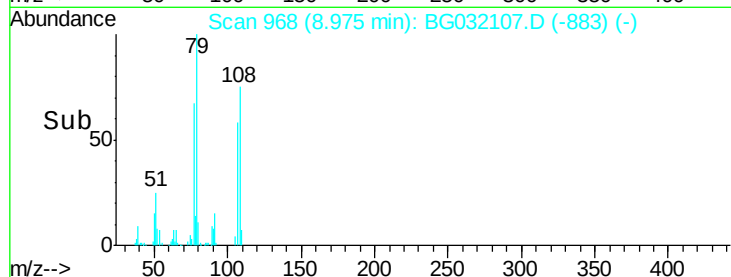
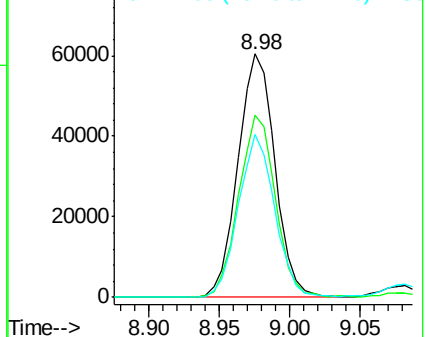
79 100

108 74.8 57.2 85.8

77 67.1 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.128 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

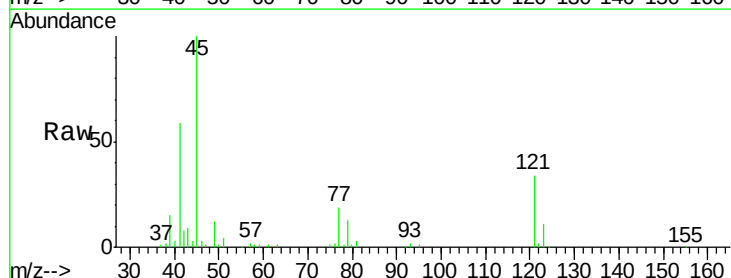
Tgt Ion: 45 Resp: 107020

Ion Ratio Lower Upper

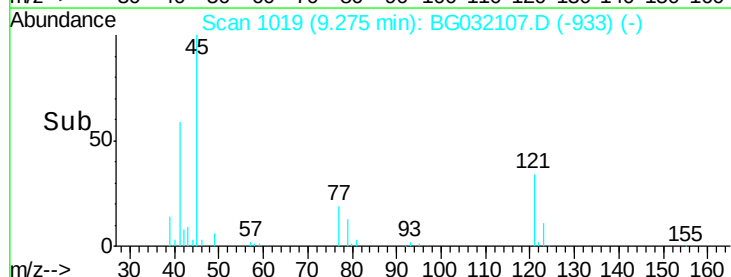
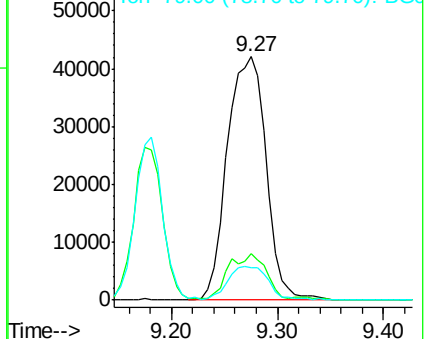
45 100

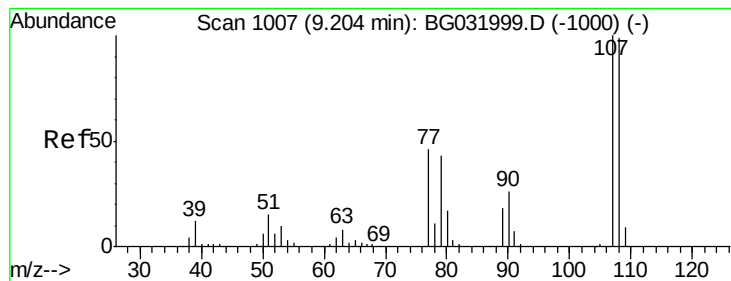
77 19.0 0.0 30.2

79 13.4 0.0 27.9



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

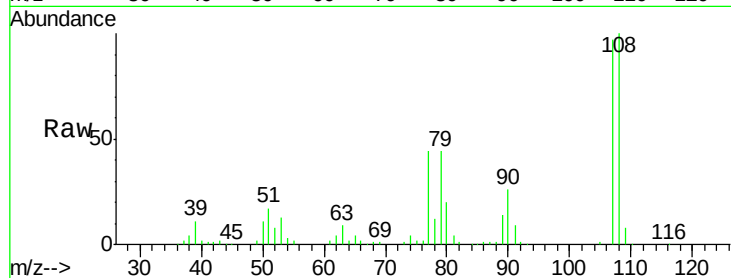




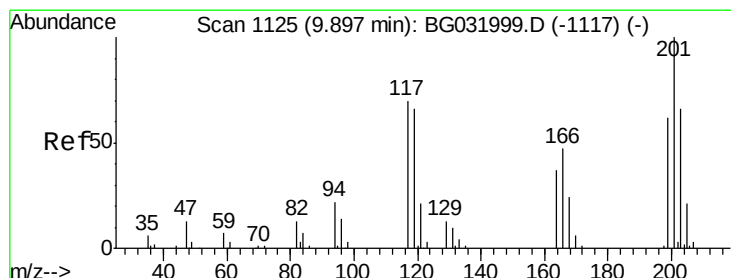
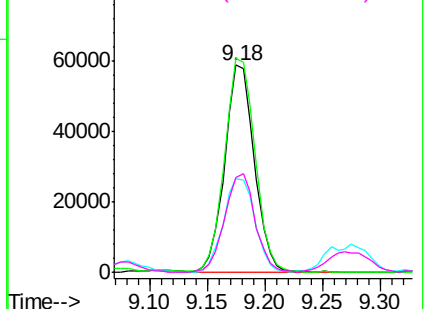
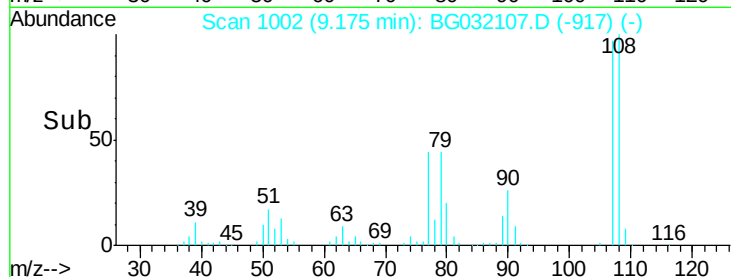
#17
2-Methylphenol
Concen: 41.880 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 104838
Ion Ratio Lower Upper
107 100
108 103.3 83.9 125.9
77 44.9 37.2 55.8
79 45.6 36.2 54.2

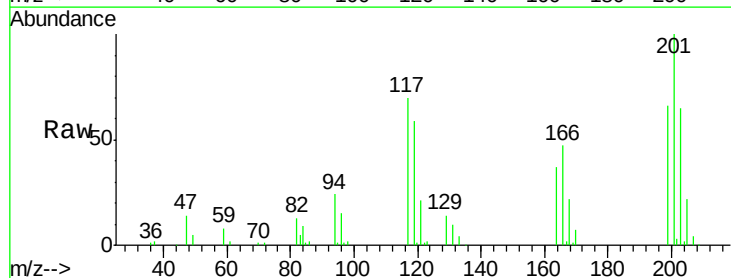


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

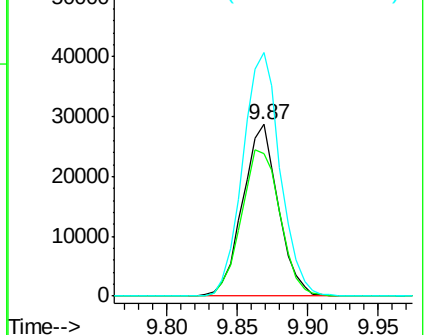
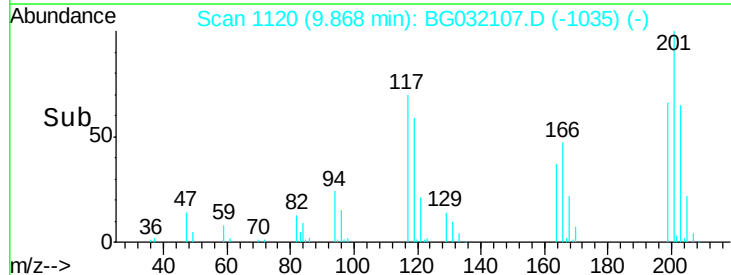


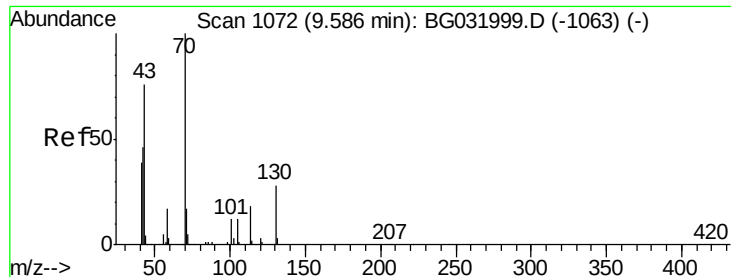
#18
Hexachloroethane
Concen: 42.422 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:117 Resp: 50759
Ion Ratio Lower Upper
117 100
119 83.4 76.7 115.1
201 142.1 95.7 143.5



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

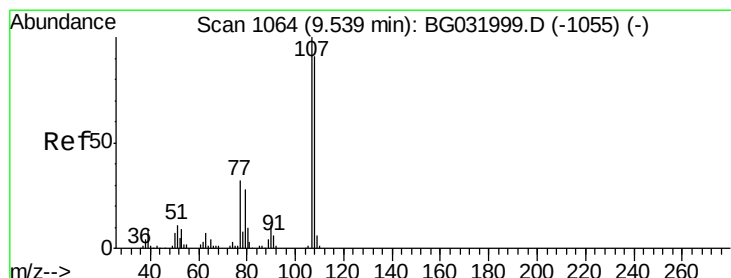
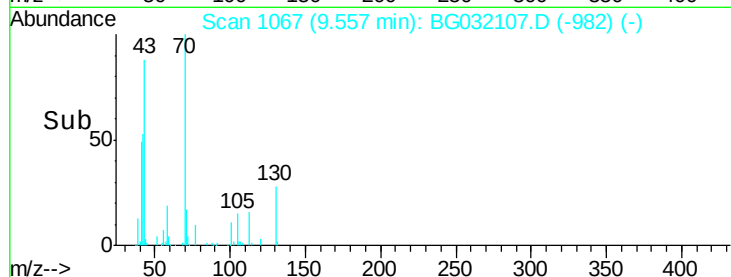
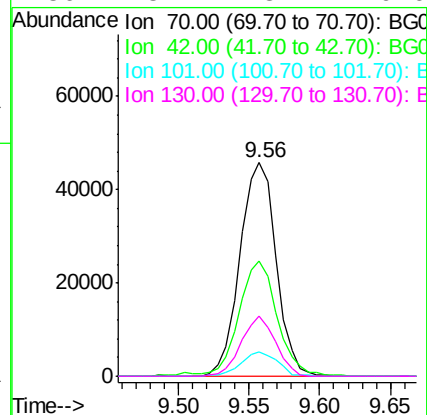
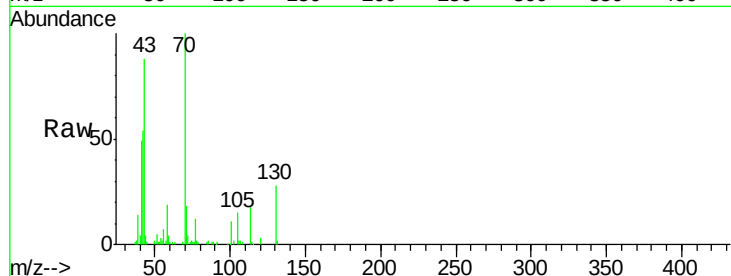




#19
n-Nitroso-di-n-propylamine
Concen: 39.748 ng
RT: 9.56 min Scan# 1067
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

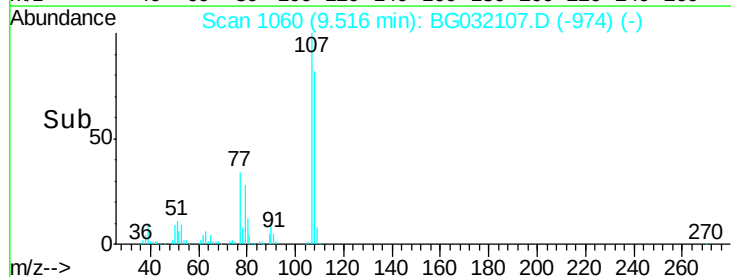
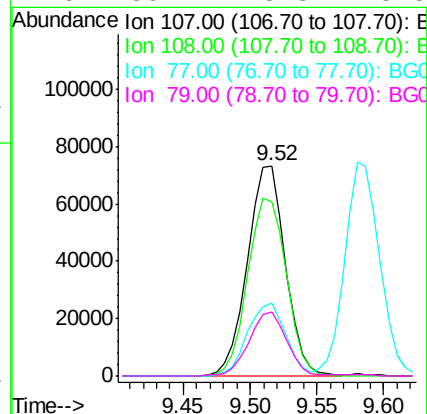
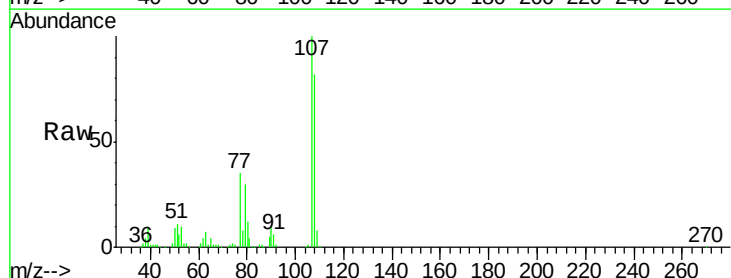
Instrument :
BNA_G
ClientSampleId :

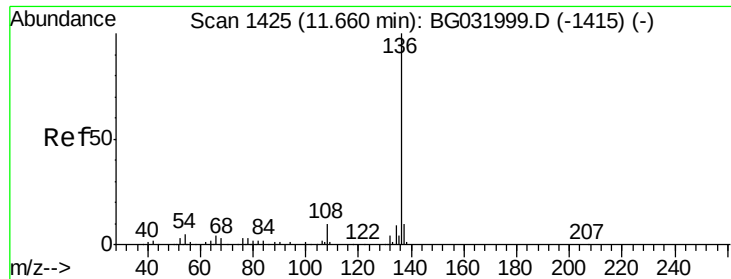
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	49.1	73.7	
101	11.2	8.5	12.7	
130	28.2	13.4	20.0	



#20
3+4-Methylphenols
Concen: 41.464 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.4	61.6	101.6	
77	34.7	13.9	53.9	
79	30.4	8.8	48.8	

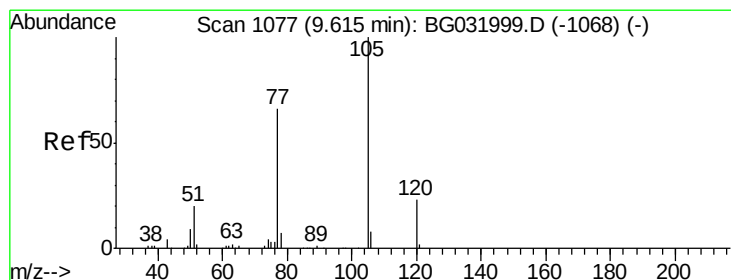
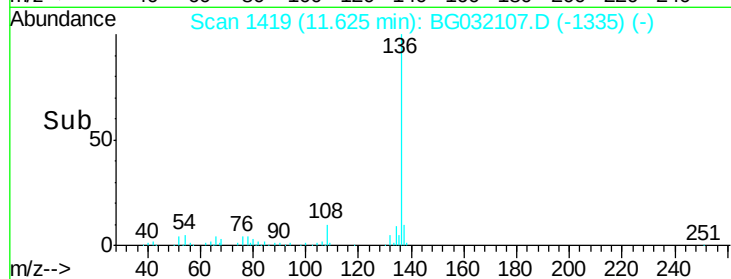
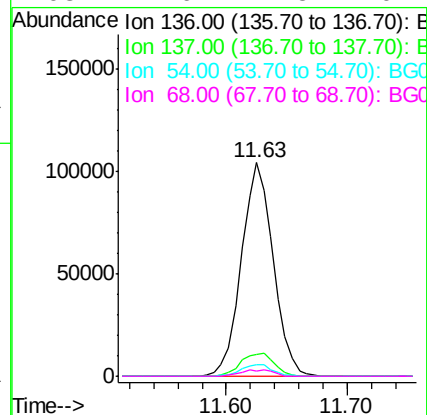
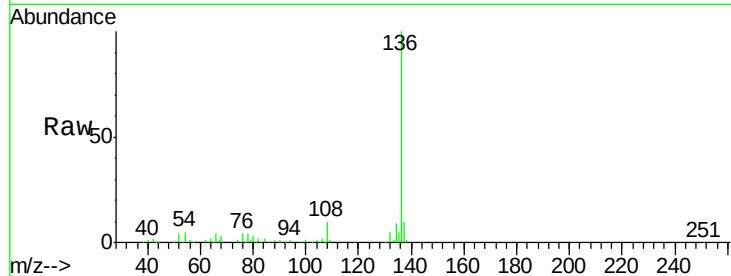




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

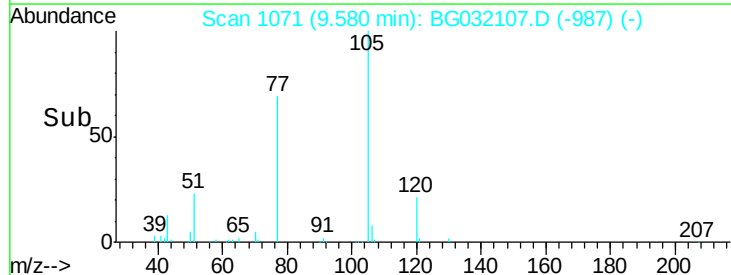
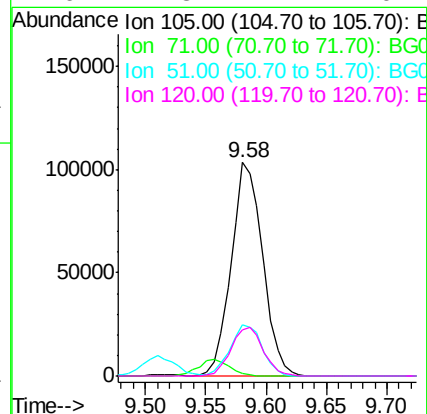
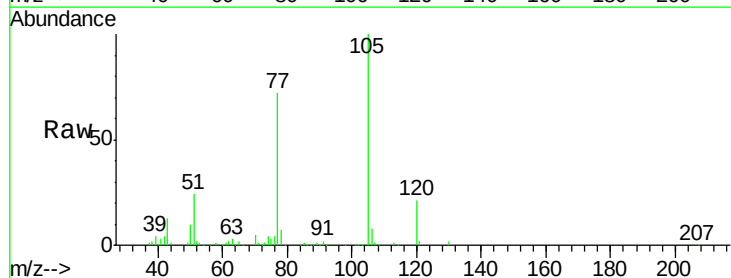
Instrument :
BNA_G
ClientSampleId :

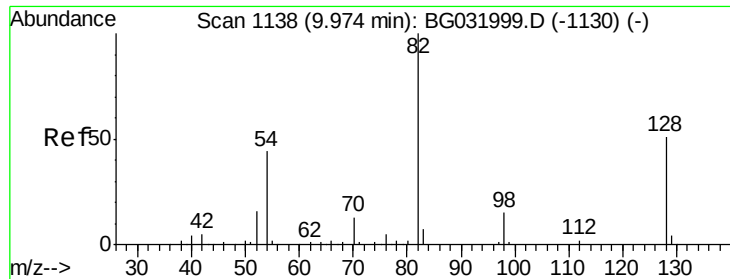
Tot Ion:136	Resp:	190351
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	5.3	10.3 15.5#
68	2.6	4.5 6.7#



#22
Acetophenone
Concen: 43.324 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:105	Resp:	187323
Ion Ratio	Lower	Upper
105	100	
71	1.0	3.0 4.4#
51	24.2	26.1 39.1#
120	21.3	17.4 26.2

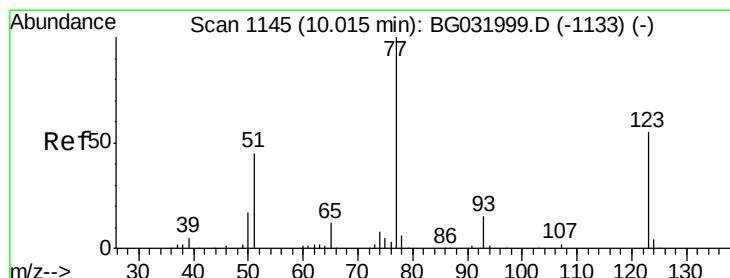
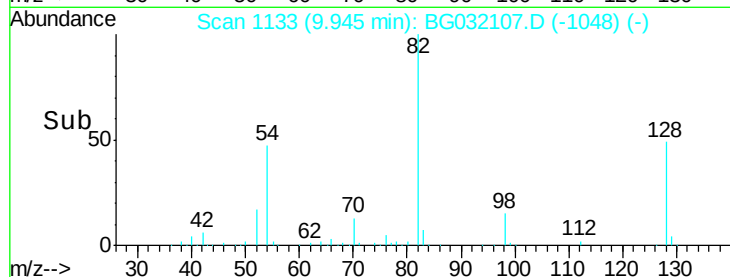
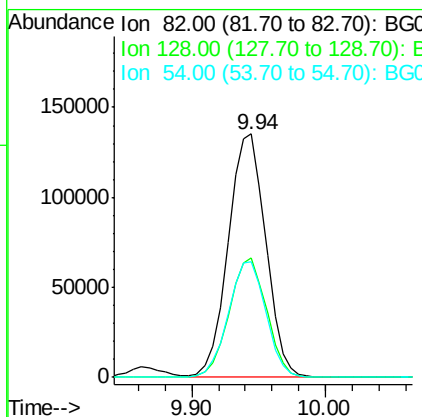
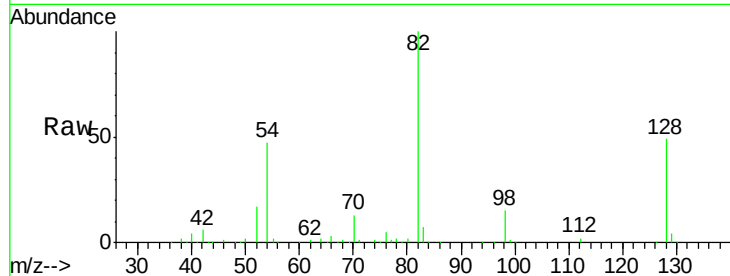




#23
 Nitrobenzene-d5
 Concen: 93.778 ng
 RT: 9.94 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

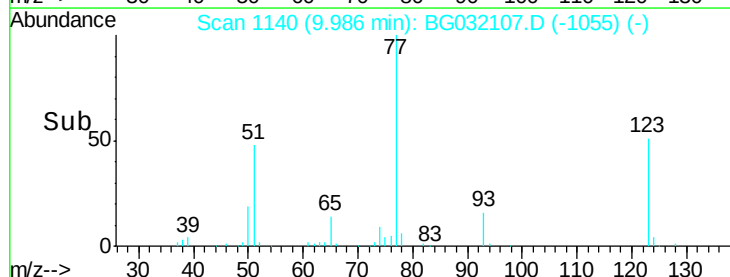
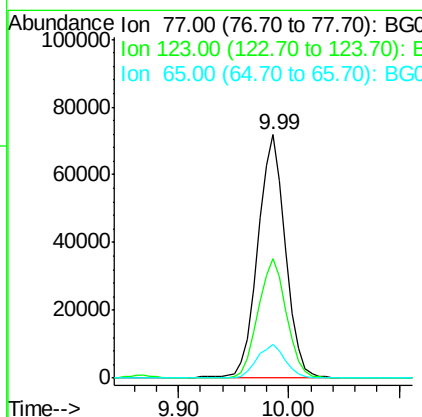
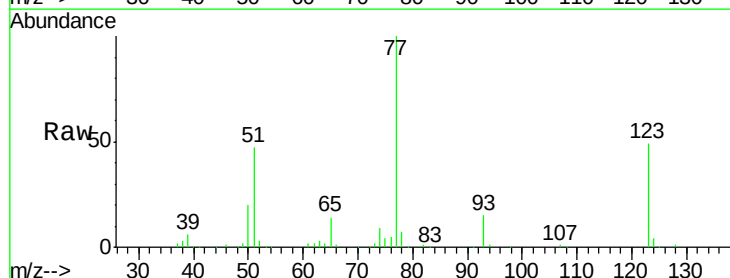
Instrument :
 BNA_G
 ClientSampleId :

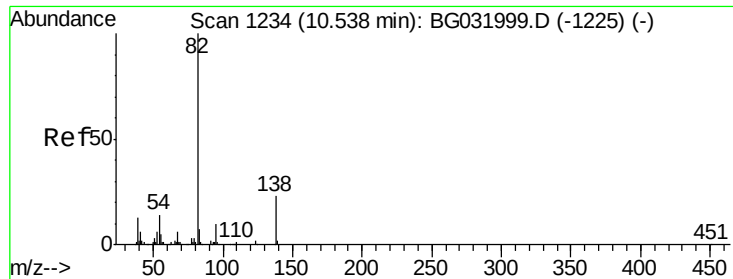
Tot Ion: 82 Resp: 263851
 Ion Ratio Lower Upper
 82 100
 128 48.9 29.7 44.5#
 54 47.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.918 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion: 77 Resp: 126062
 Ion Ratio Lower Upper
 77 100
 123 49.1 33.0 49.6
 65 13.7 13.0 19.6





#25

Isophorone

Concen: 44.880 ng

RT: 10.51 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

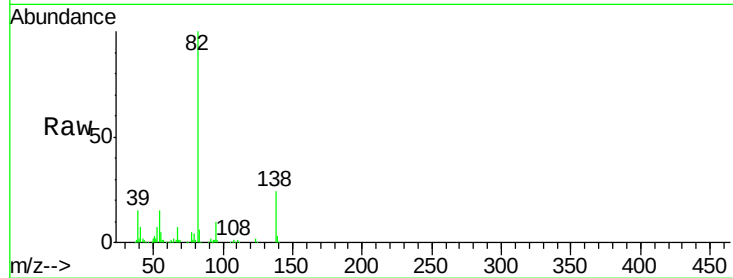
Tot Ion: 82 Resp: 235126

Ion Ratio Lower Upper

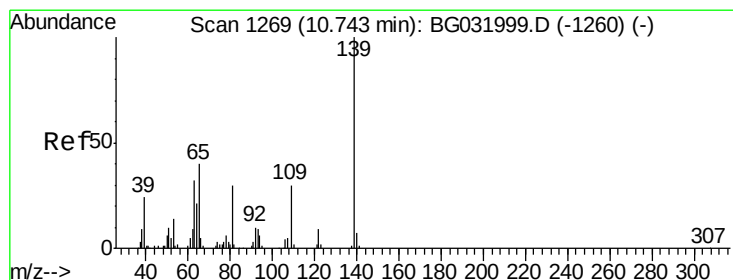
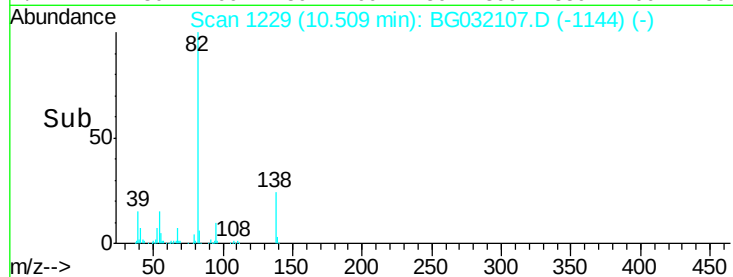
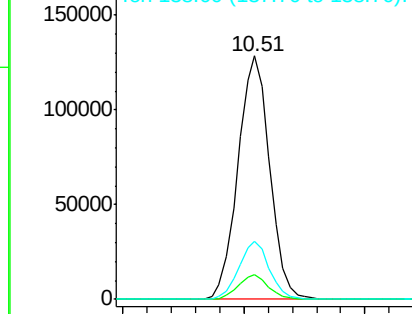
82 100

95 10.2 6.2 9.2#

138 23.6 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 46.382 ng

RT: 10.71 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

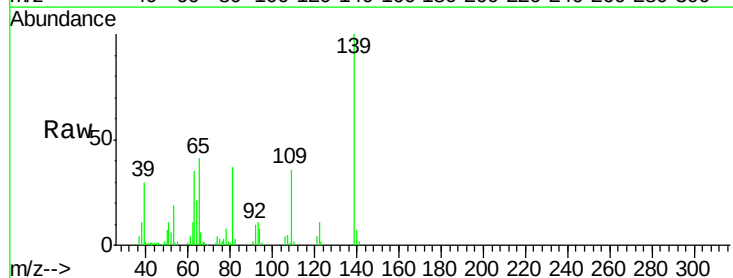
Tgt Ion: 139 Resp: 77130

Ion Ratio Lower Upper

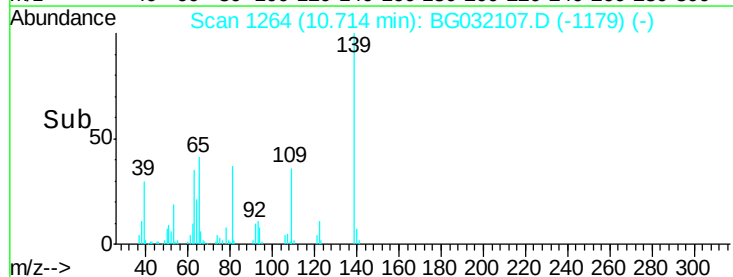
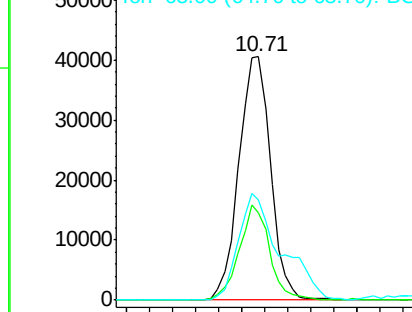
139 100

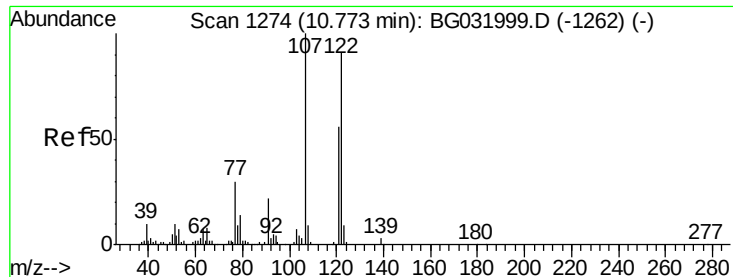
109 35.9 24.2 36.2

65 41.0 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 50.860 ng

RT: 10.74 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BG032107.D

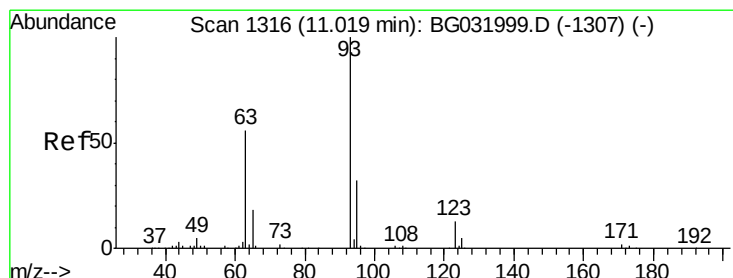
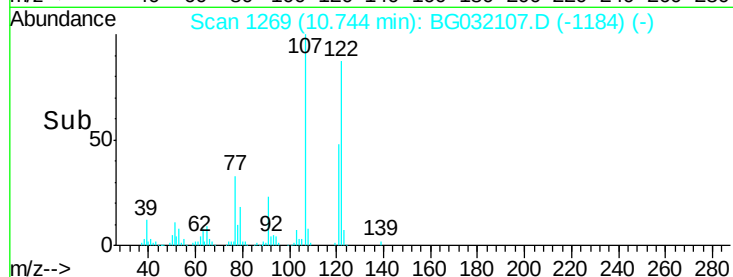
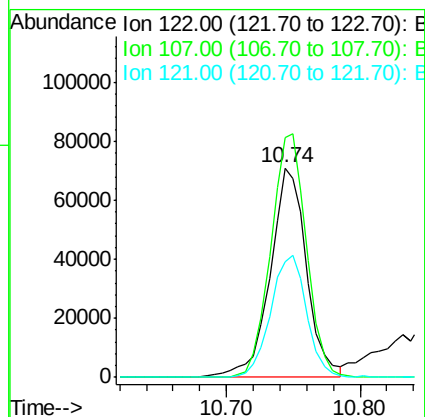
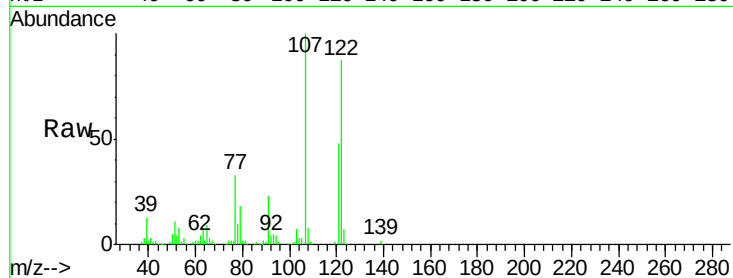
Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	122	Resp:	134216
Ion	Ratio	Lower	Upper
122	100		
107	114.8	100.2	150.2
121	55.1	44.4	66.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.650 ng

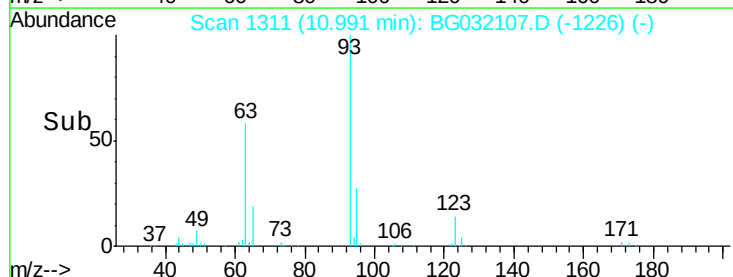
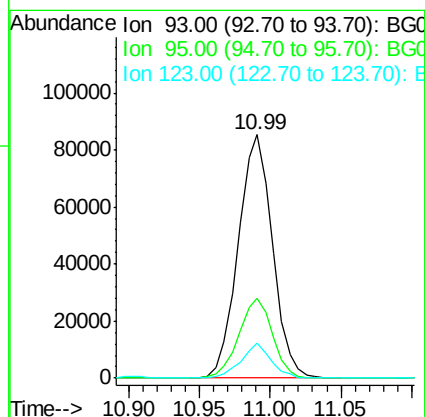
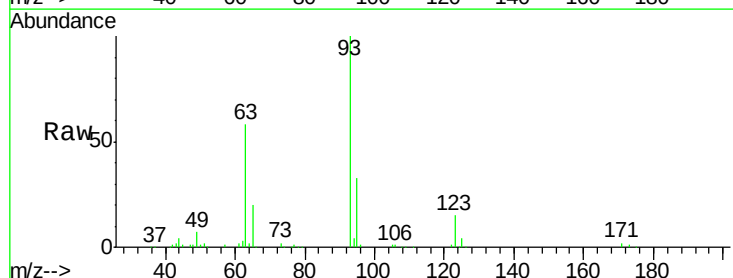
RT: 10.99 min Scan# 1311

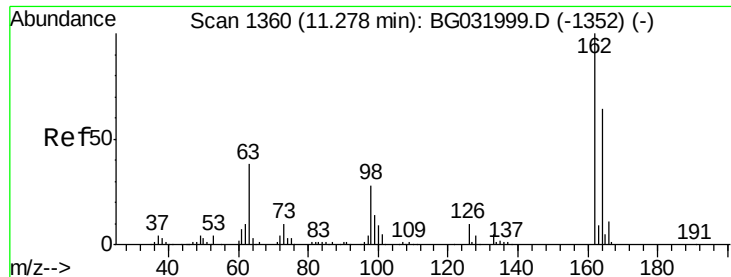
Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Tgt Ion:	93	Resp:	144093
Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	14.6	8.4	12.6#

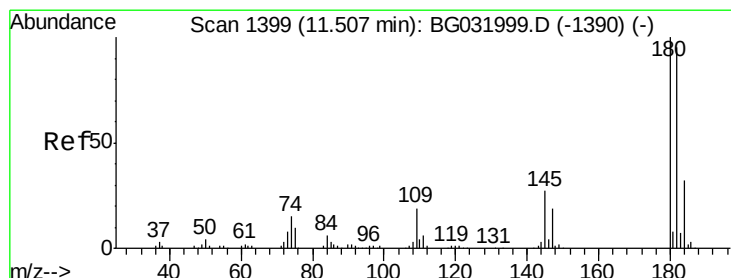
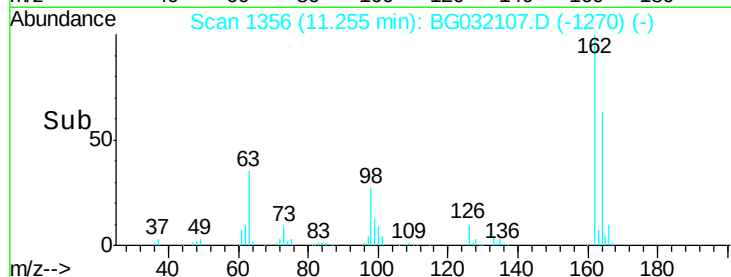
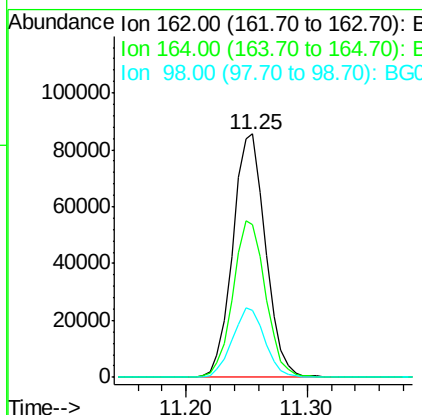
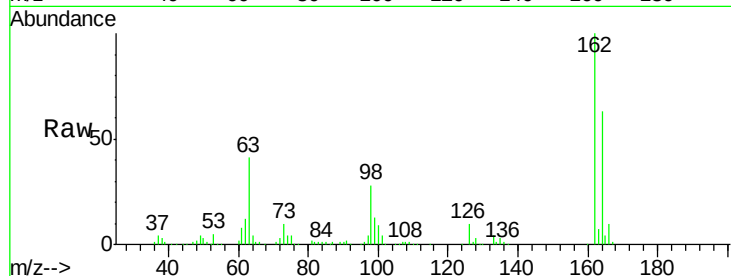




#29
 2,4-Dichlorophenol
 Concen: 49.881 ng
 RT: 11.25 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

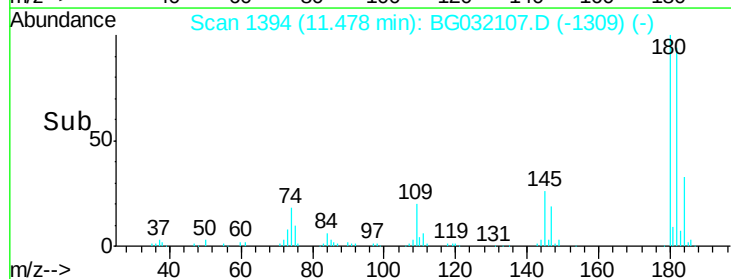
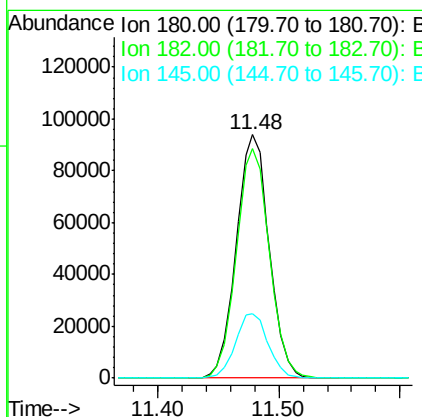
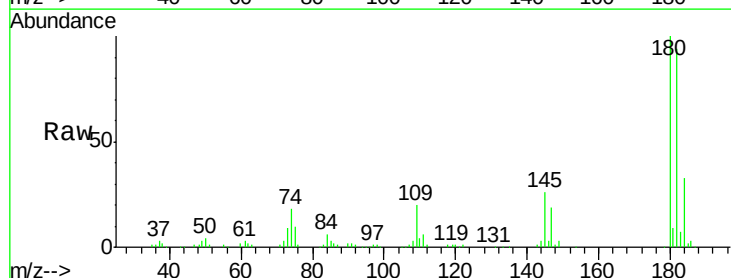
Instrument :
 BNA_G
 ClientSampleId :

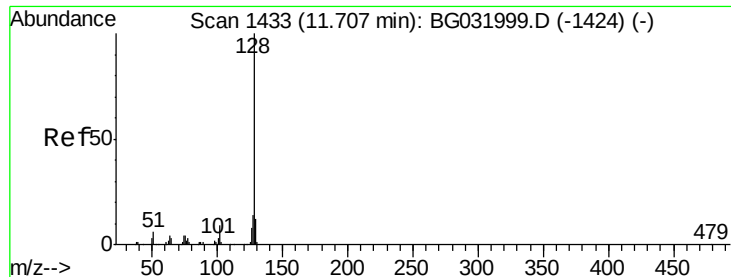
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.0	88.0
98	27.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.252 ng
 RT: 11.48 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.5	116.3
145	26.4	23.4	35.2

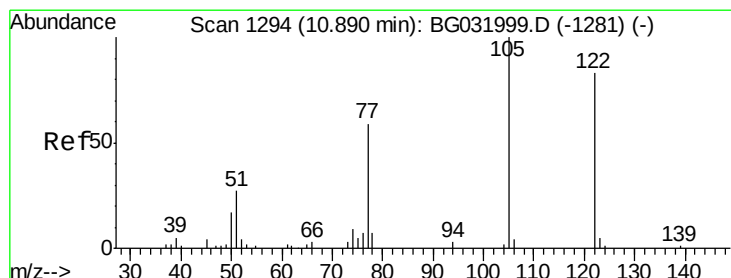
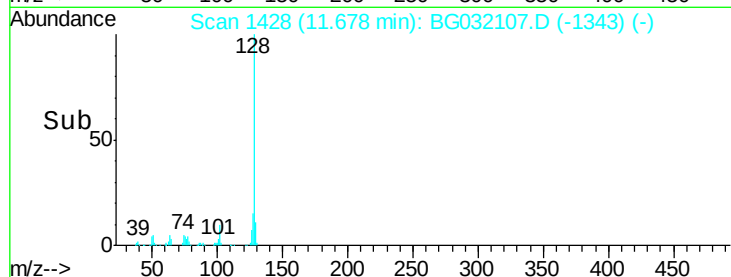
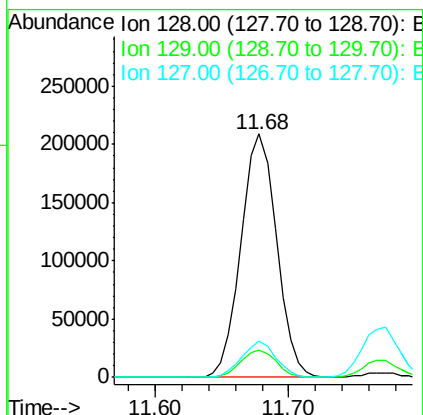
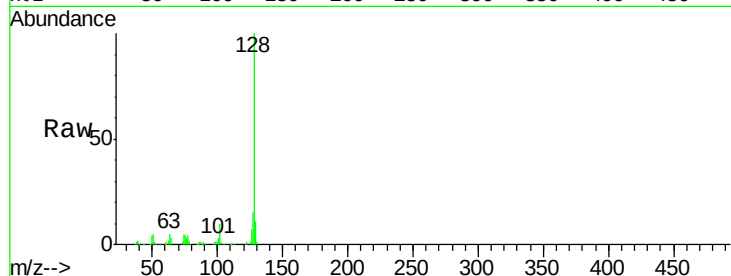




#31
Naphthalene
Concen: 40.989 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

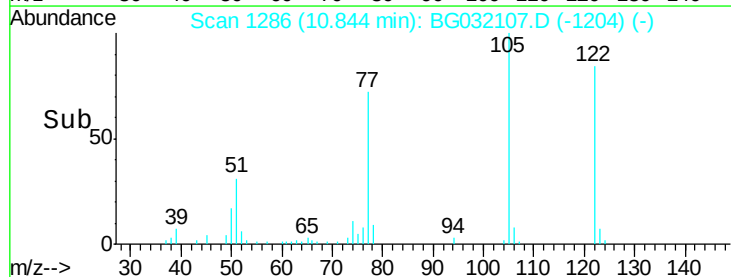
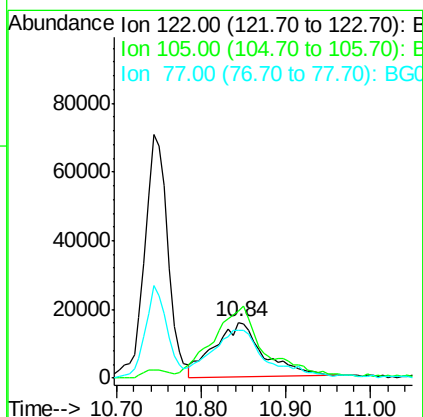
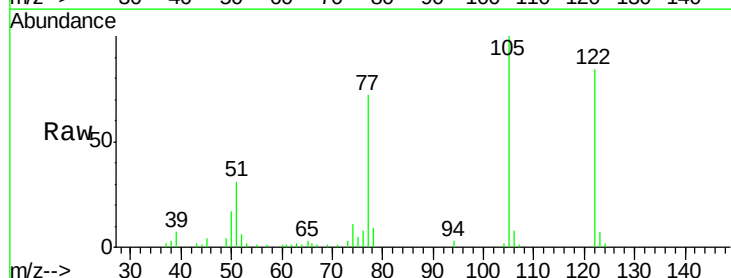
Instrument :
BNA_G
ClientSampled :

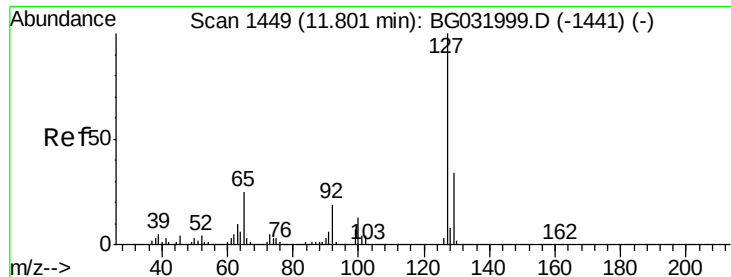
Tot Ion:128 Resp: 386508
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 31.874 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.05 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:122 Resp: 63277
Ion Ratio Lower Upper
122 100
105 118.8 123.5 163.5#
77 85.3 85.7 125.7#

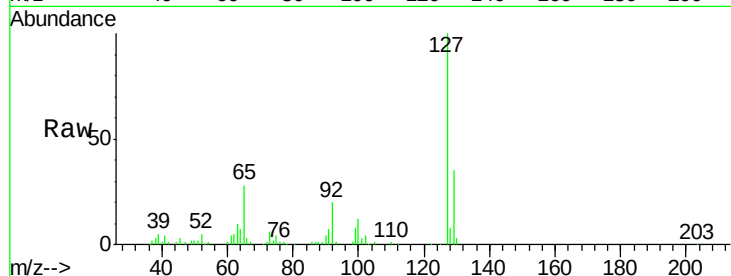




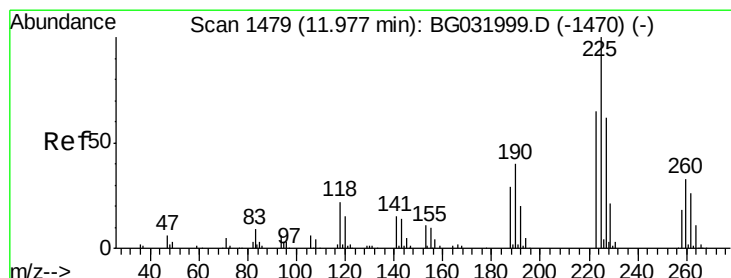
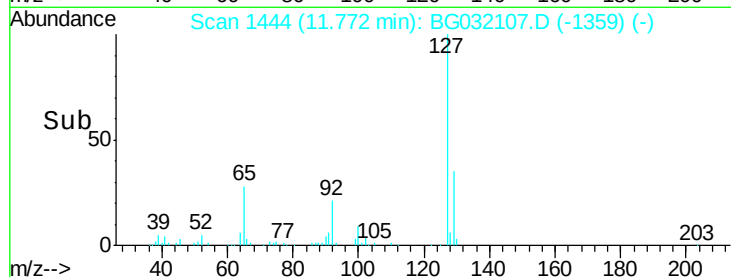
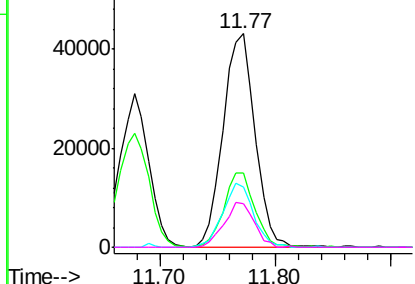
#33
4-Chloroaniline
Concen: 20.492 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	82861
Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.0	36.0
65	27.9	27.0	40.4
92	20.5	16.6	25.0

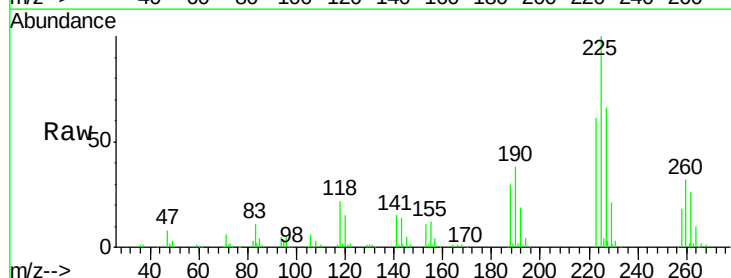


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

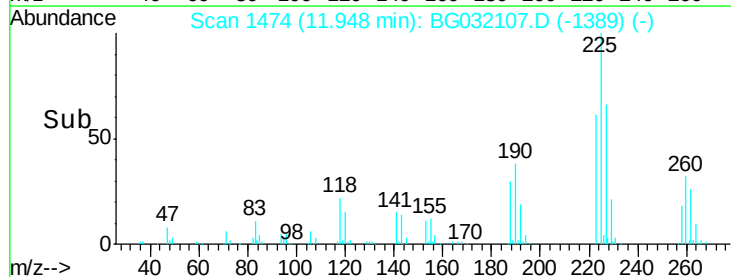
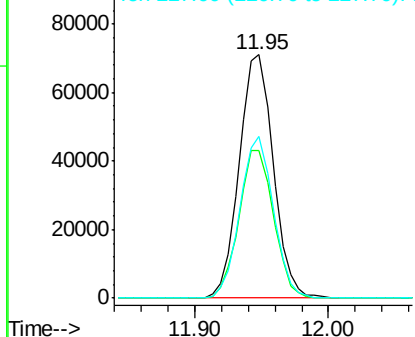


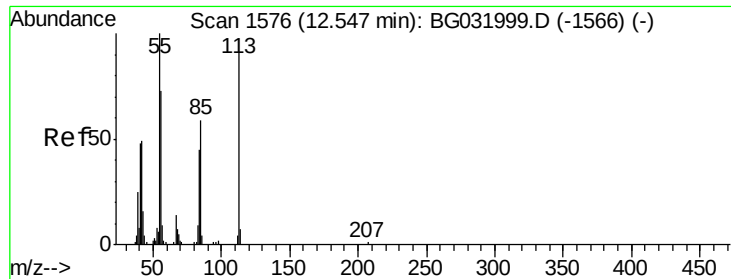
#34
Hexachlorobutadiene
Concen: 41.591 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:	225	Resp:	125271
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.7	74.5
227	66.4	48.1	72.1



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

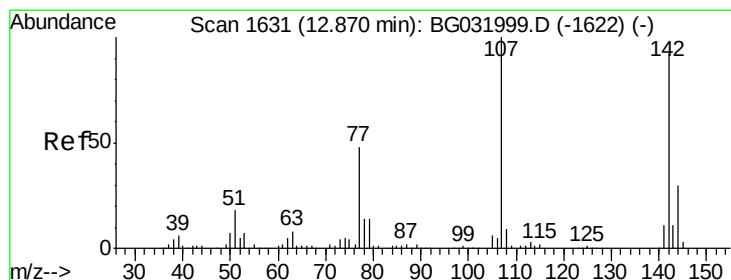
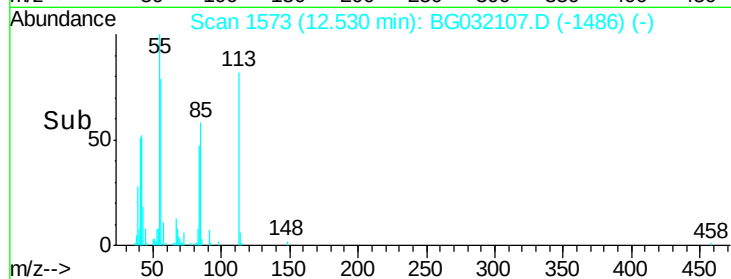
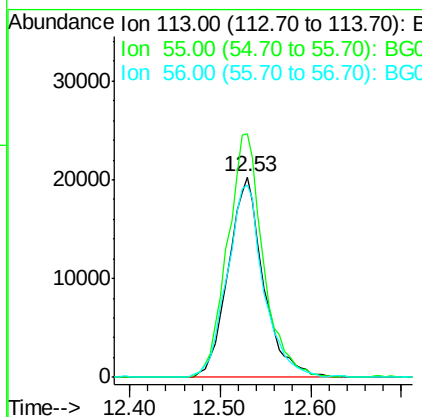
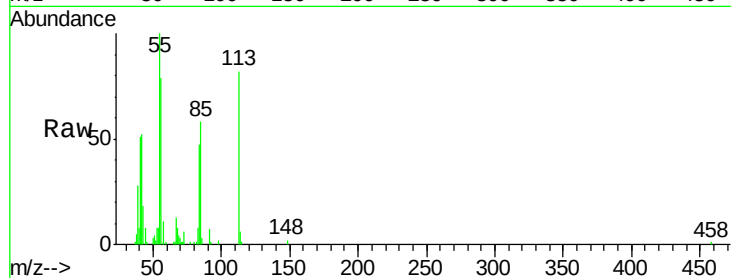




#35
 Caprolactam
 Concen: 55.305 ng
 RT: 12.53 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

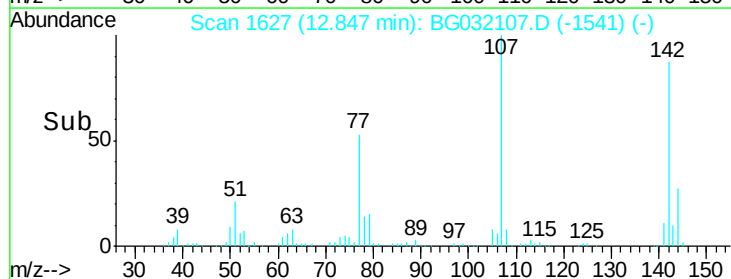
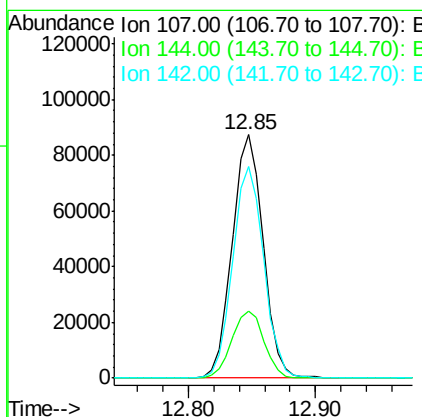
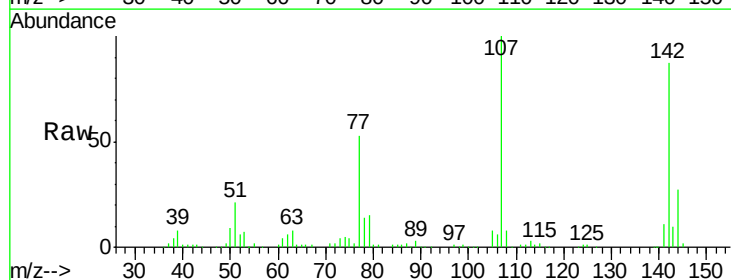
Instrument :
 BNA_G
 ClientSampleId :

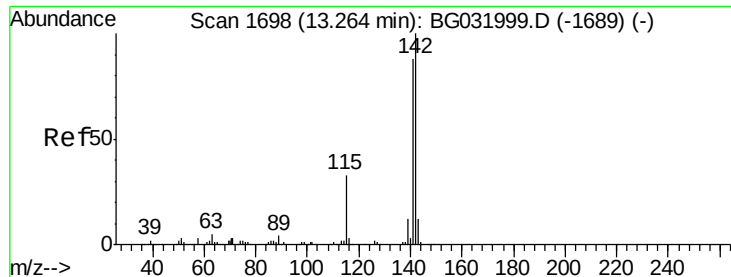
Tot Ion:113 Resp: 54480
 Ion Ratio Lower Upper
 113 100
 55 121.7 186.9 226.9#
 56 96.3 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 49.479 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion:107 Resp: 147058
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.2 27.4
 142 86.9 59.0 88.4

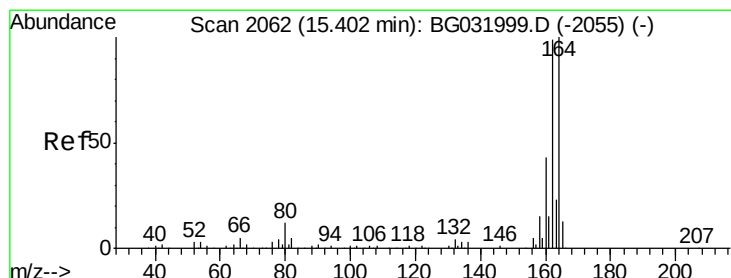
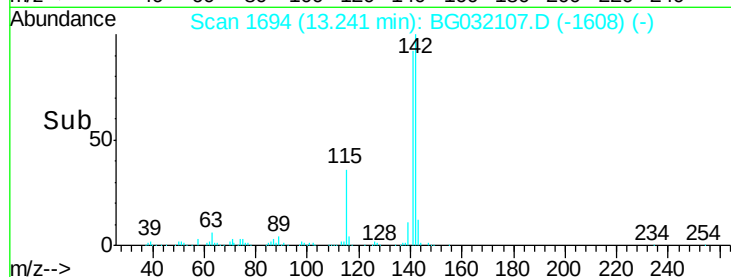
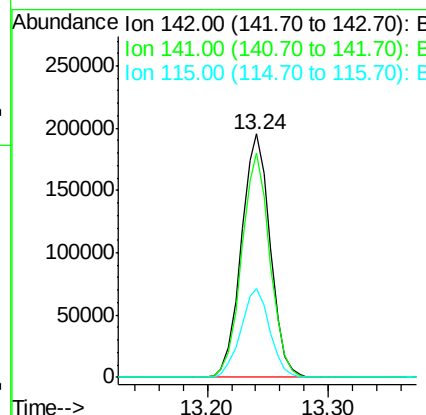
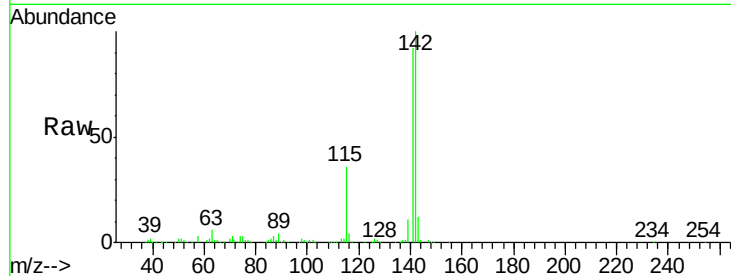




#37
2-Methylnaphthalene
Concen: 43.505 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

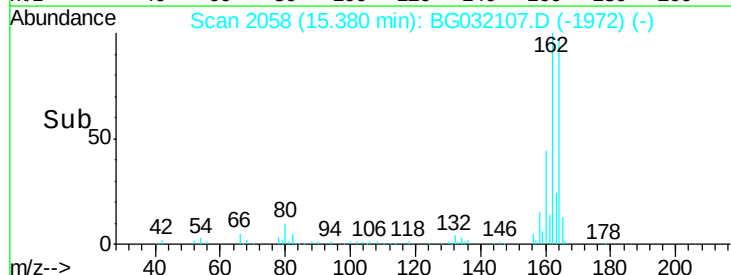
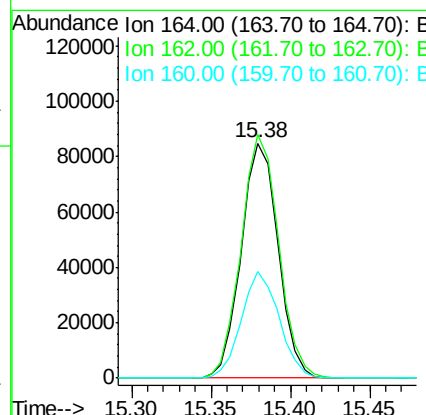
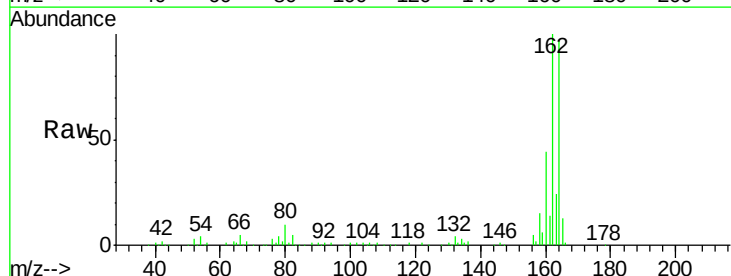
Instrument :
BNA_G
ClientSampled :

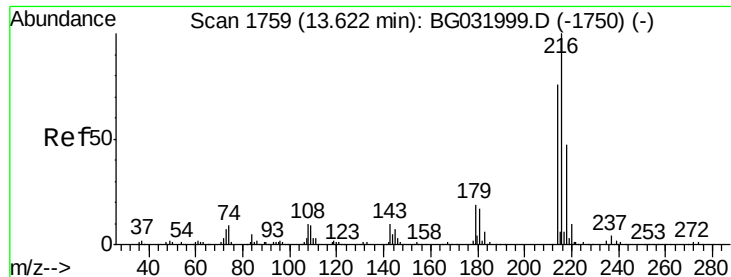
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.1	100.7
115	36.2	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.524 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 247944

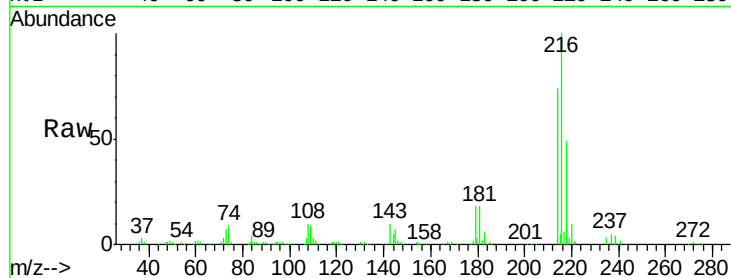
Ion Ratio Lower Upper

216 100

214 76.2 63.0 94.4

179 18.0 17.0 25.6

108 12.8 12.8 19.2#

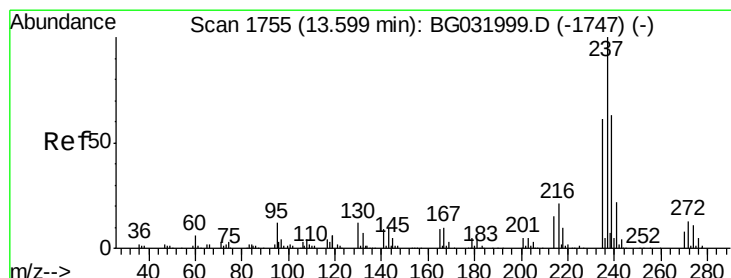
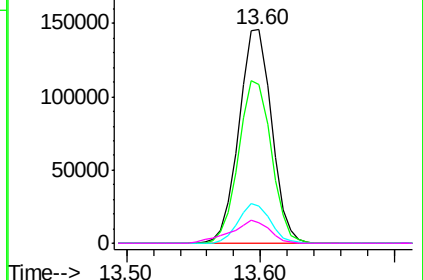
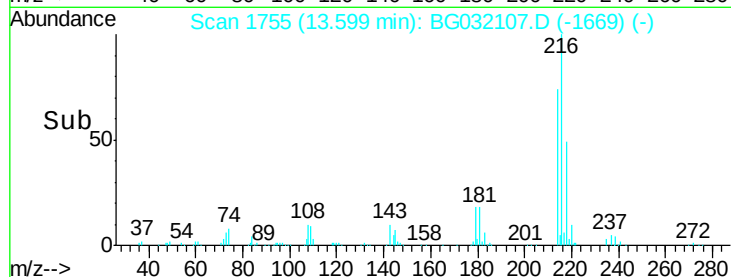


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.446 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

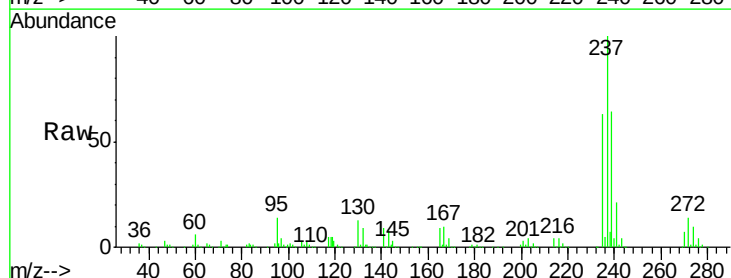
Tgt Ion:237 Resp: 337817

Ion Ratio Lower Upper

237 100

235 63.1 50.4 90.4

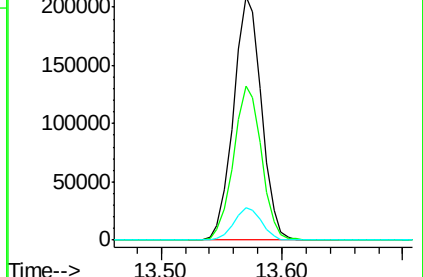
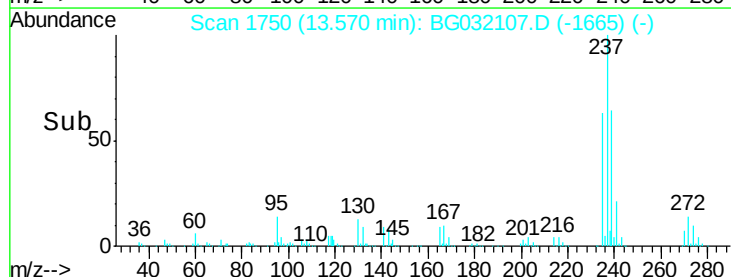
272 13.5 0.0 31.8

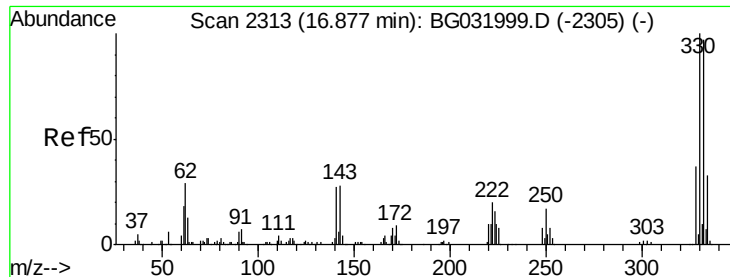


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

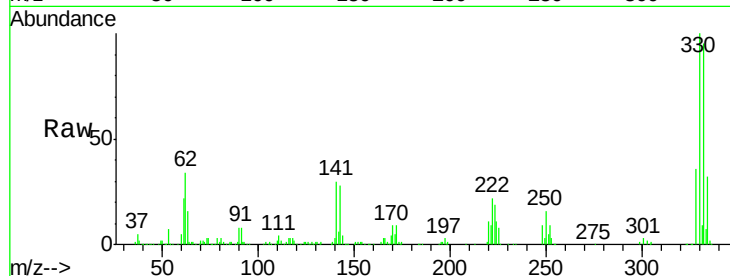




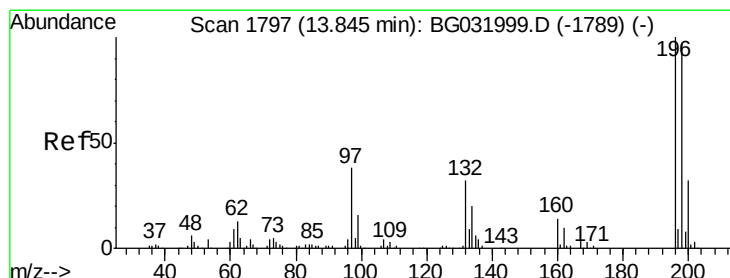
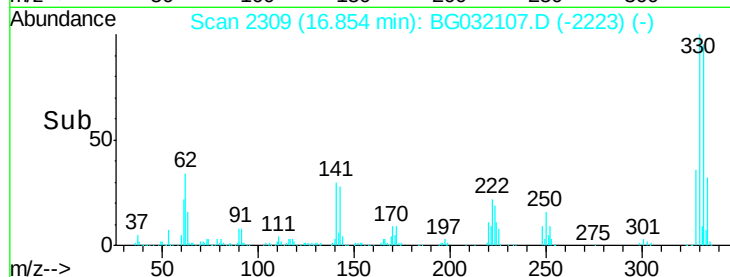
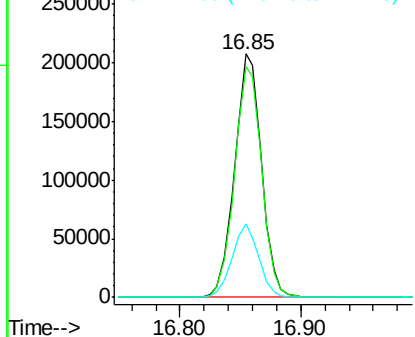
#41
 2,4,6-Tribromophenol
 Concen: 141.432 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.7	25.2	37.8

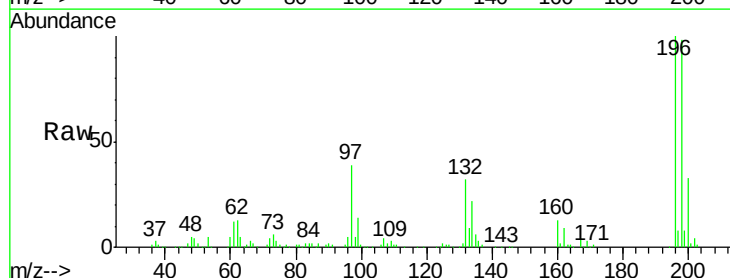


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

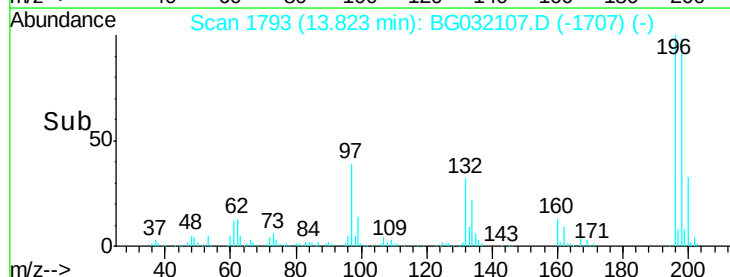
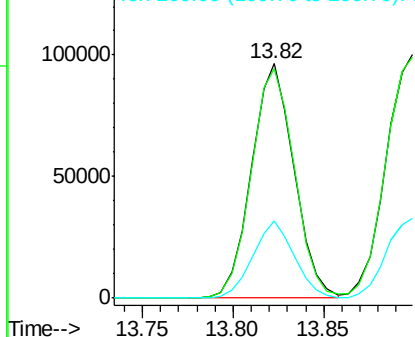


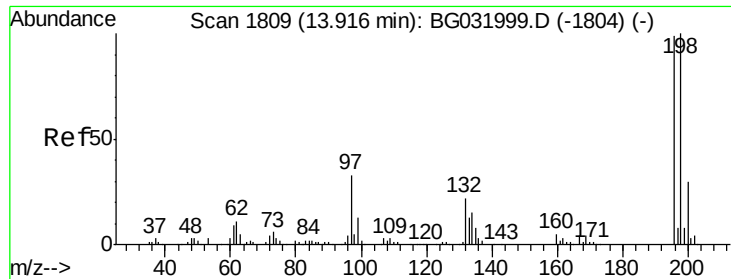
#42
 2,4,6-Trichlorophenol
 Concen: 46.708 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
200	33.1	24.6	36.8



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

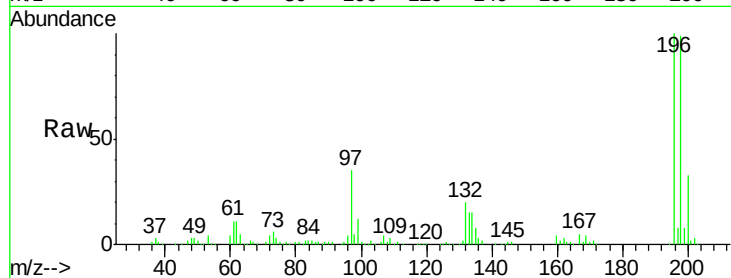




#43
 2,4,5-Trichlorophenol
 Concen: 43.688 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	76.2	114.4
97	34.7	38.7	58.1
132	20.4	20.2	30.2



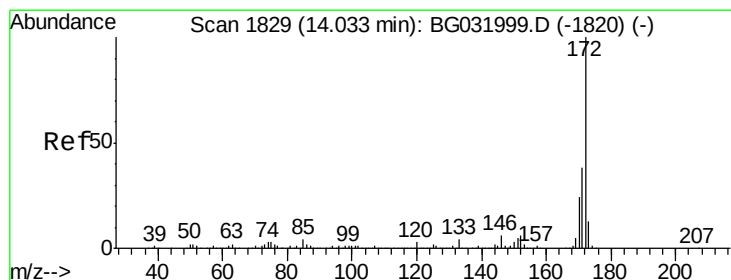
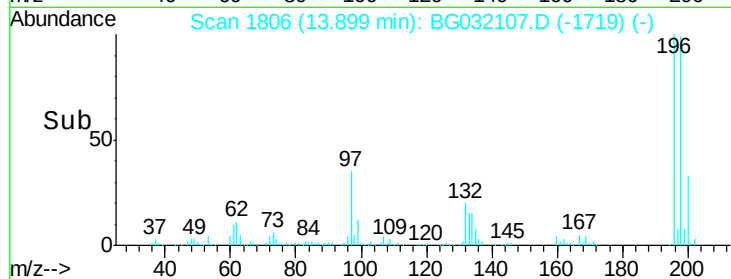
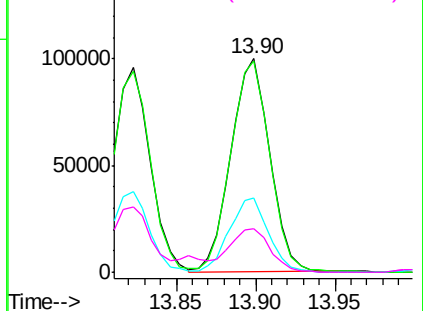
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

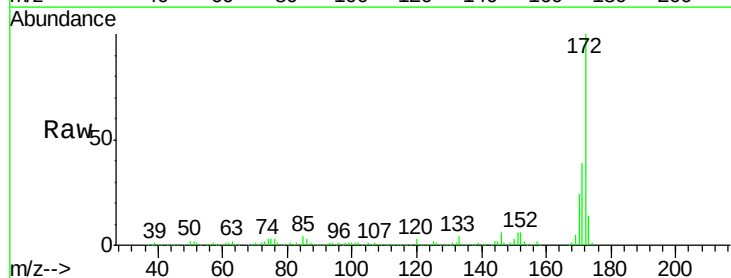
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.067 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	24.2	19.5	29.3

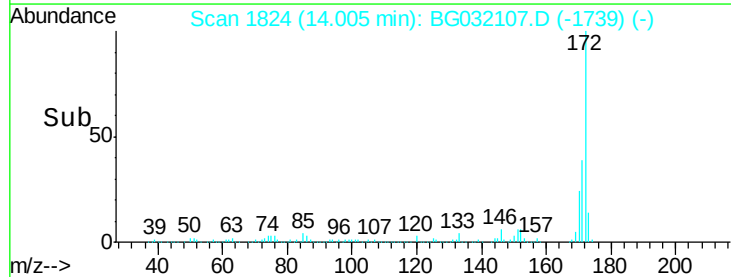
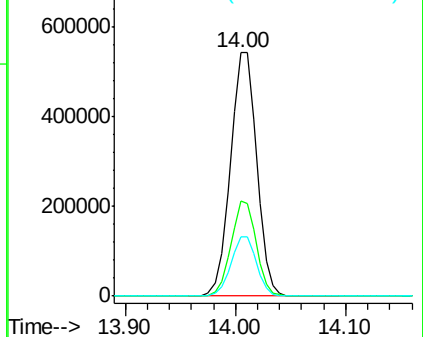


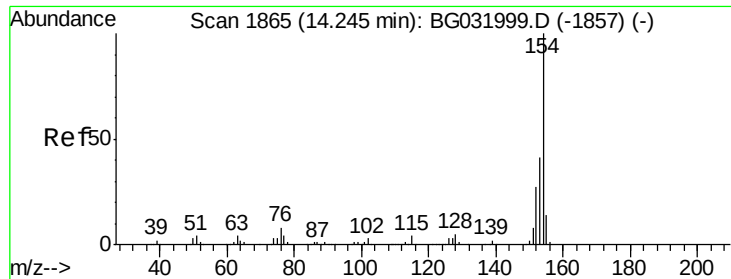
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

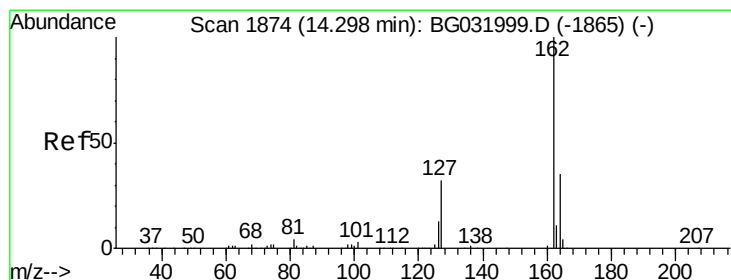
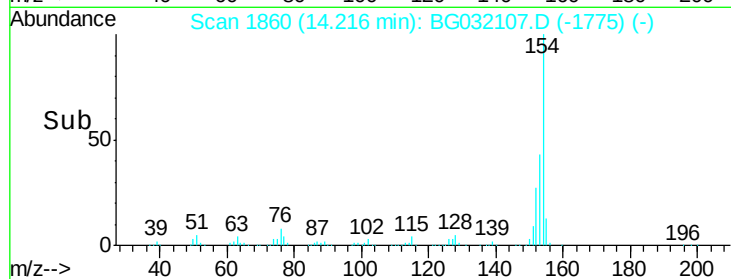
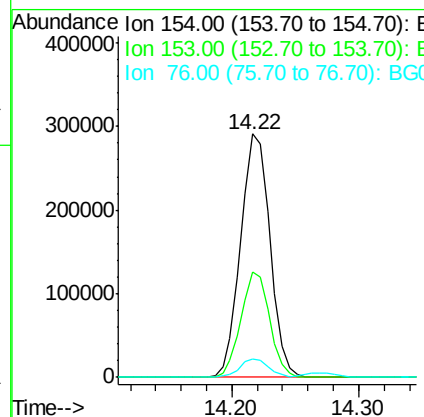
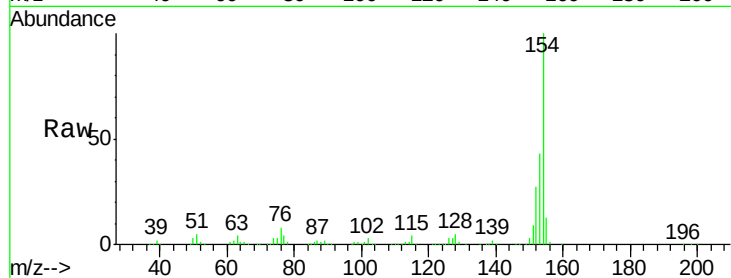




#45
 1,1'-Biphenyl
 Concen: 39.768 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

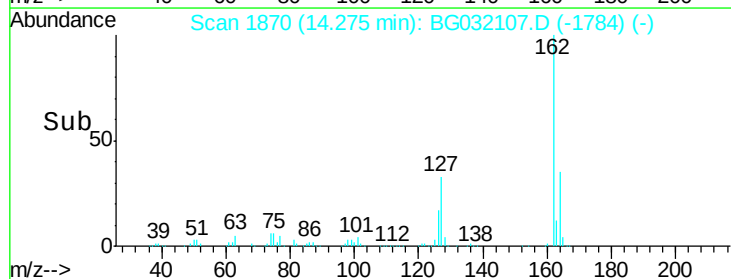
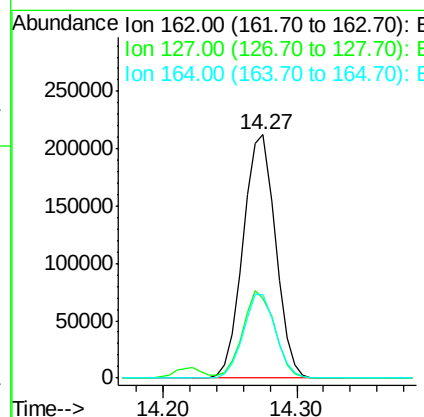
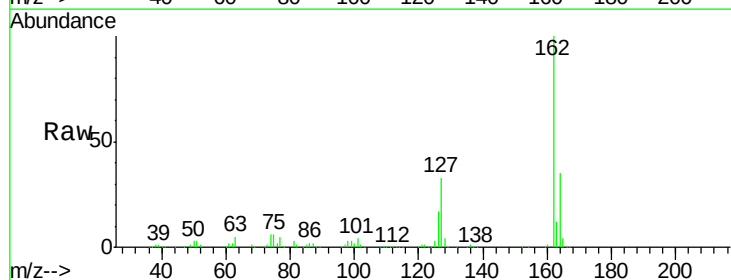
Instrument :
 BNA_G
 ClientSampleId :

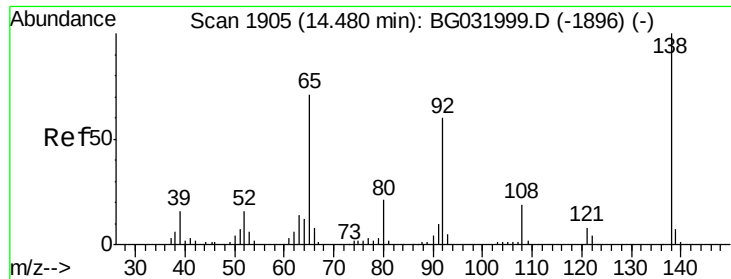
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.8	59.8
76	7.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.096 ng
 RT: 14.27 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.8	30.7	46.1
164	34.5	26.0	39.0

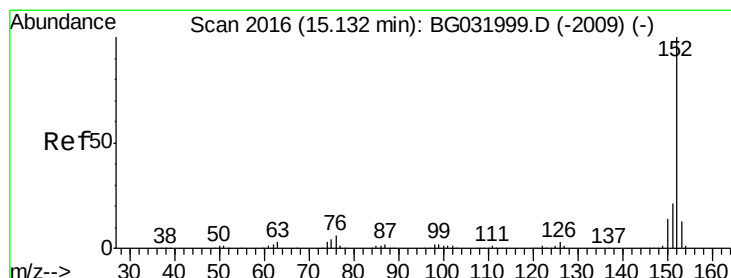
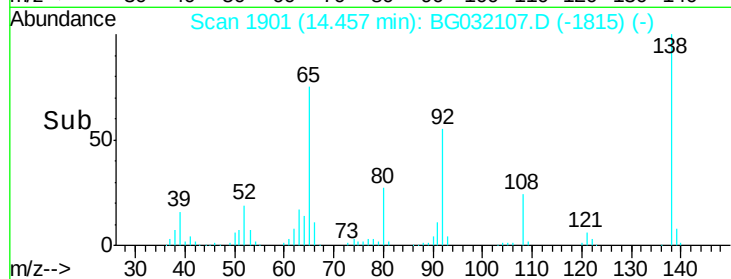
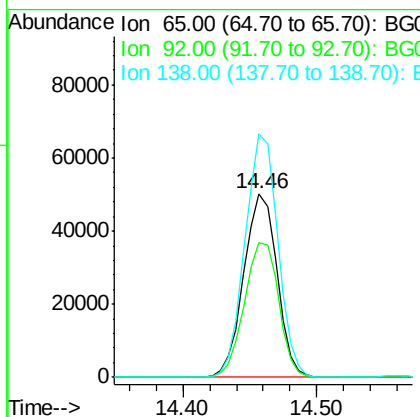
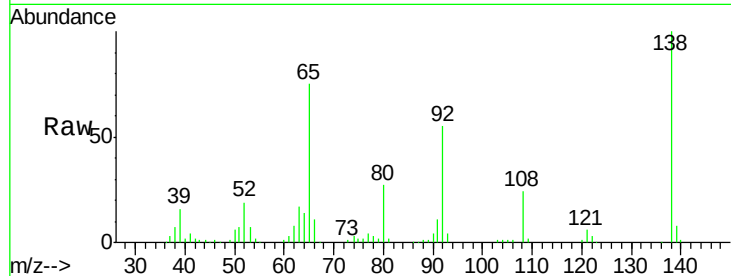




#47
2-Nitroaniline
Concen: 49.433 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

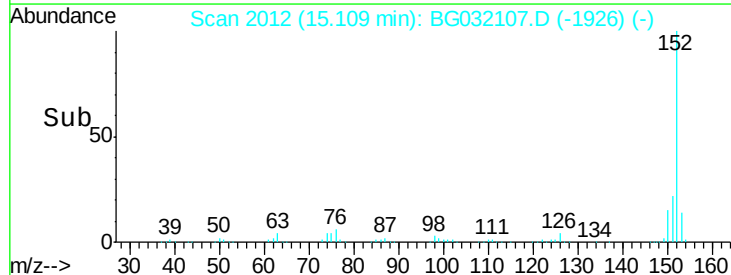
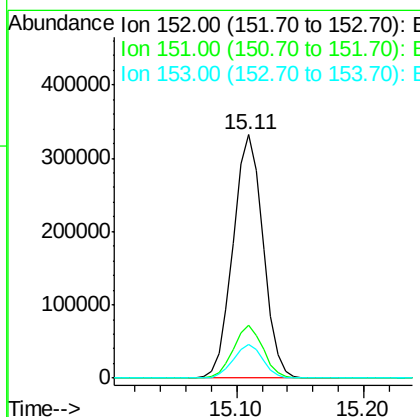
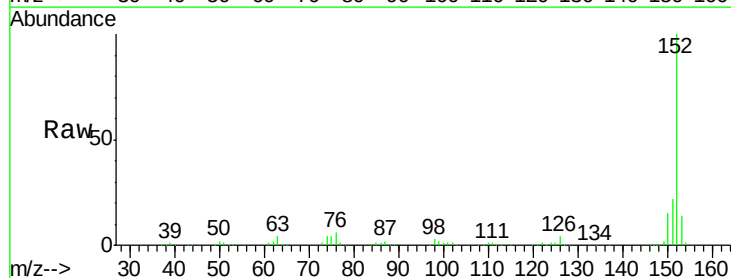
Instrument :
BNA_G
ClientSampleId :

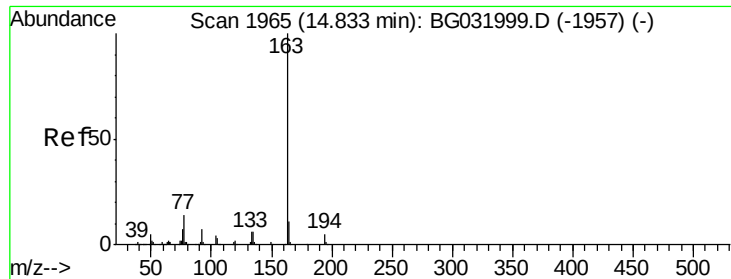
Tot Ion: 65 Resp: 86453
Ion Ratio Lower Upper
65 100
92 73.3 54.6 82.0
138 132.6 72.9 109.3#



#48
Acenaphthylene
Concen: 38.863 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:152 Resp: 540646
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 13.9 10.2 15.4

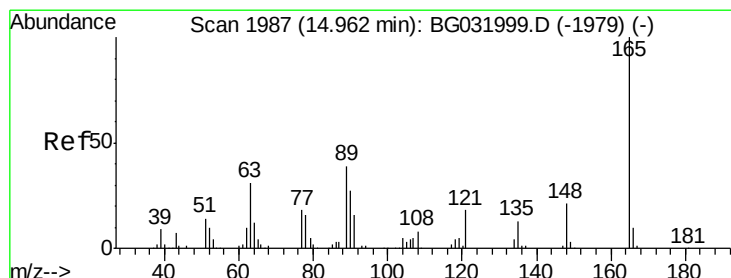
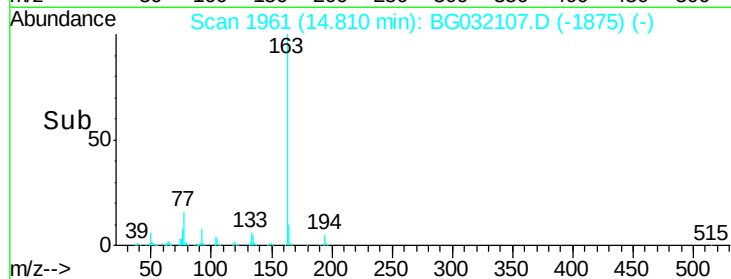
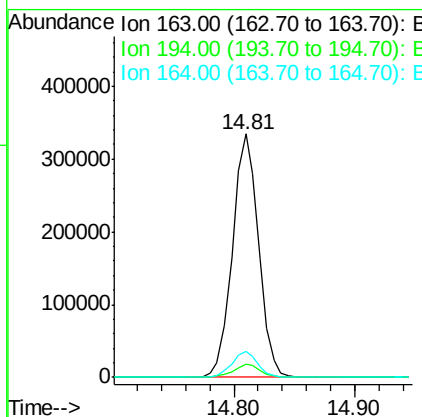
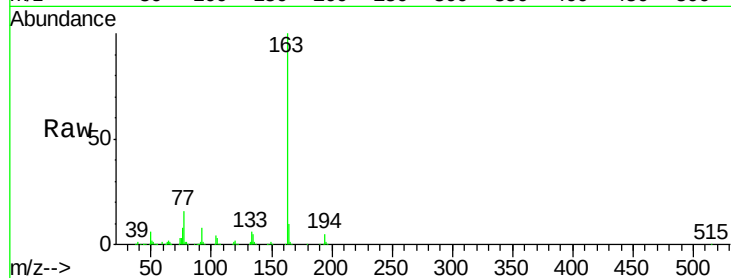




#49
Dimethylphthalate
Concen: 41.842 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

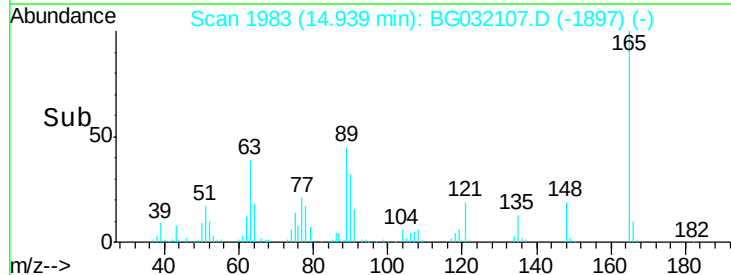
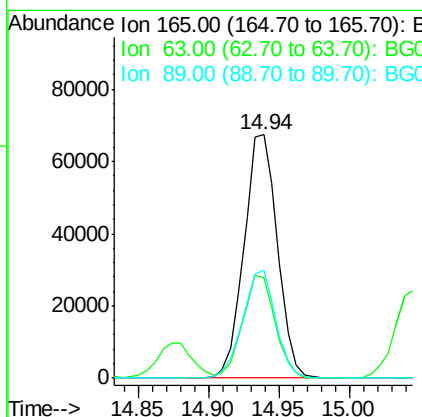
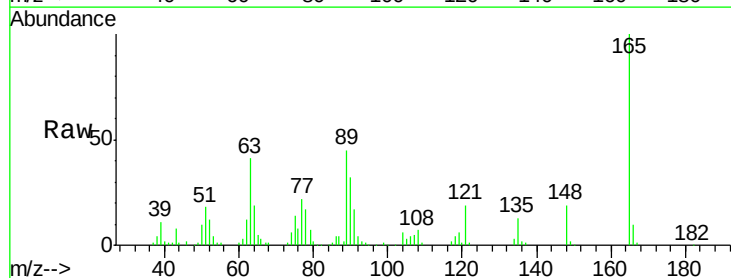
Instrument :
BNA_G
ClientSampleId :

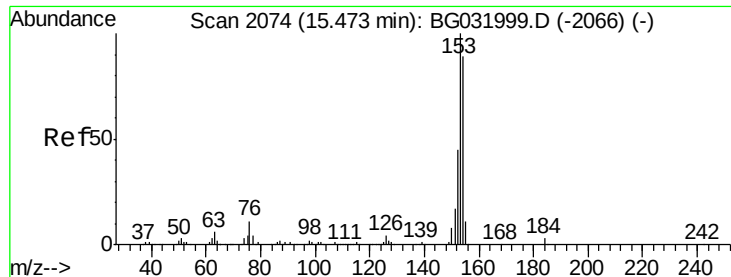
Tot Ion:163 Resp: 501572
Ion Ratio Lower Upper
163 100
194 5.5 3.4 5.2#
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 44.961 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:165 Resp: 111870
Ion Ratio Lower Upper
165 100
63 40.9 52.7 79.1#
89 44.5 49.2 73.8#





#51

Acenaphthene

Concen: 44.781 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

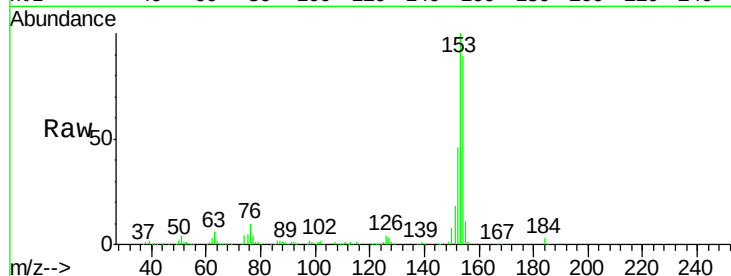
Tot Ion:154 Resp: 411934

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

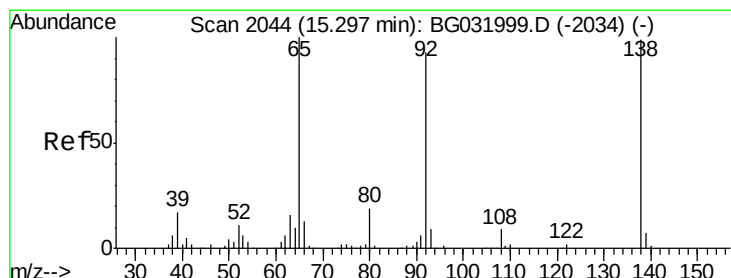
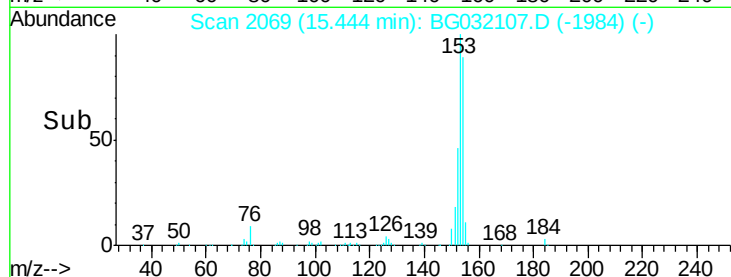
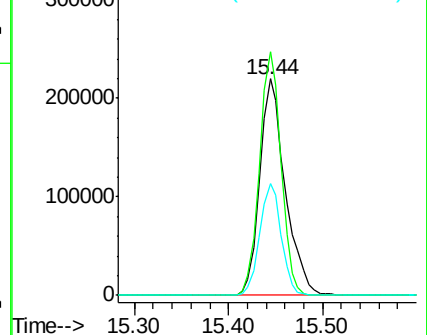
152 51.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.816 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

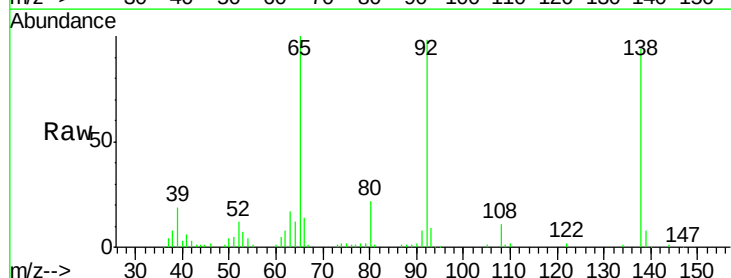
Tgt Ion:138 Resp: 62510

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

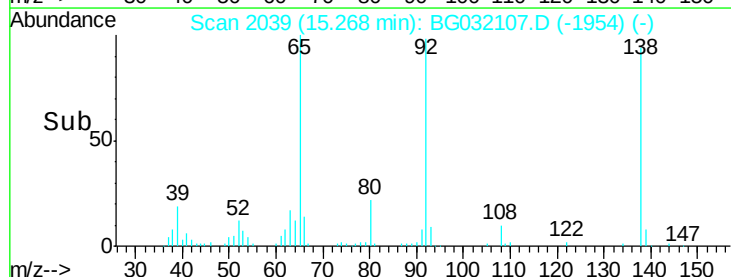
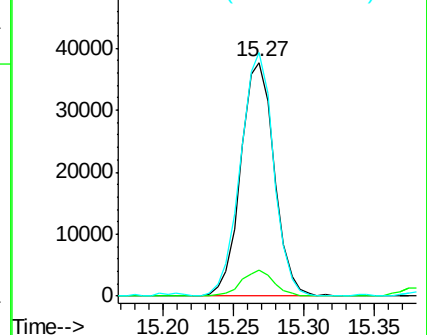
92 104.3 105.8 158.8#

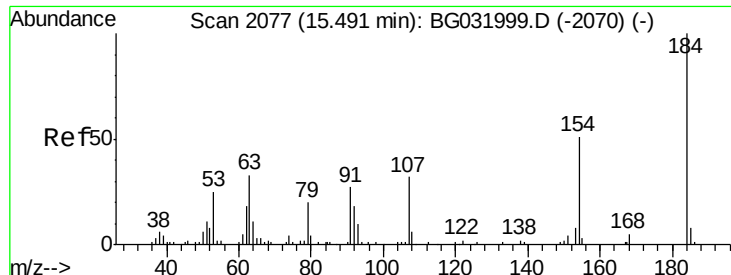


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

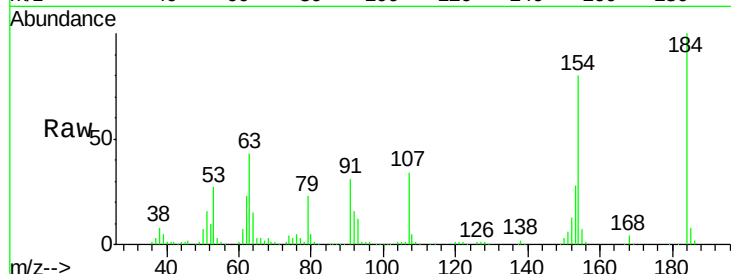




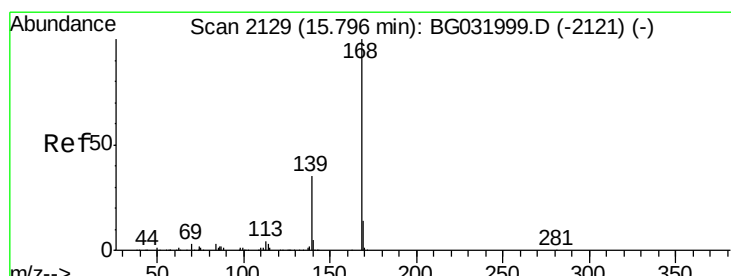
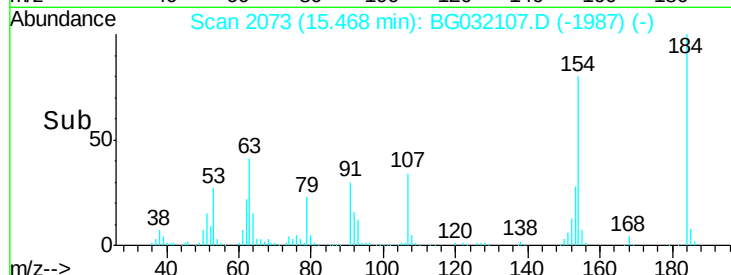
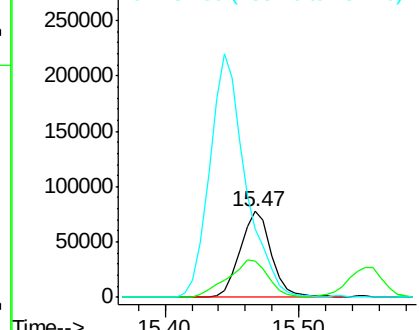
#53
2,4-Dinitrophenol
Concen: 99.520 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 126538
Ion Ratio Lower Upper
184 100
63 42.9 59.8 89.8#
154 79.8 101.8 152.8#

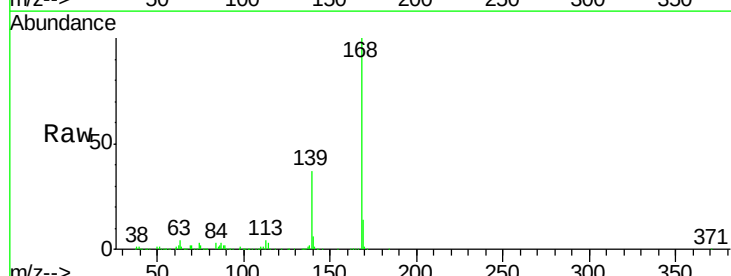


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

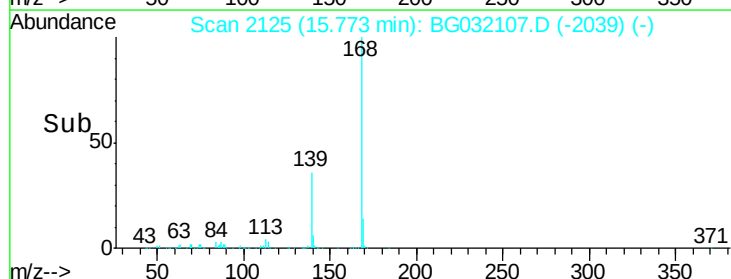
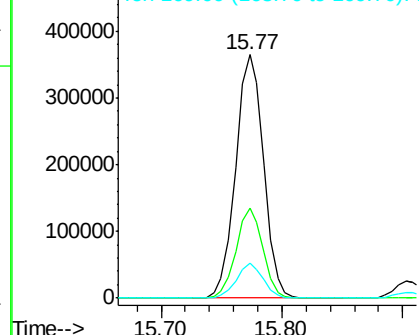


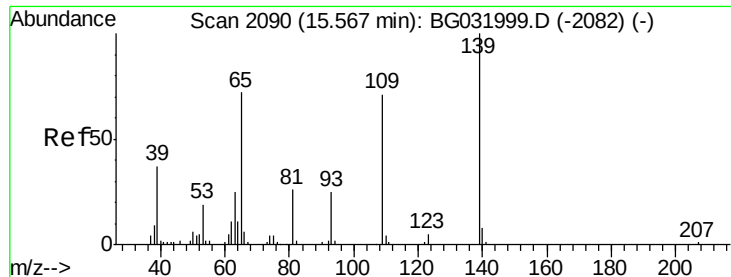
#54
Dibenzofuran
Concen: 42.566 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:168 Resp: 584119
Ion Ratio Lower Upper
168 100
139 37.0 28.6 43.0
169 14.2 11.2 16.8



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

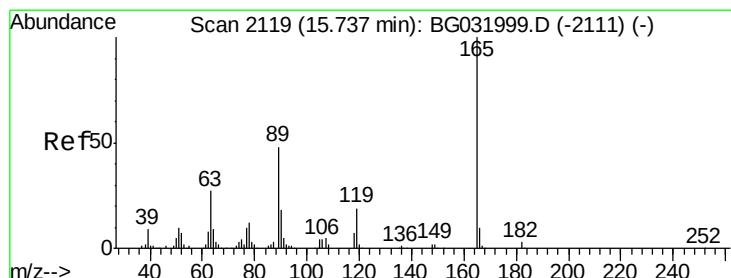
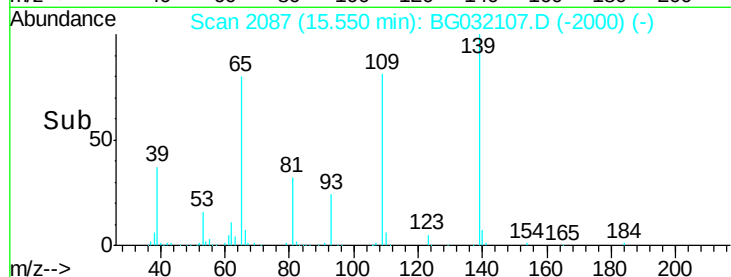
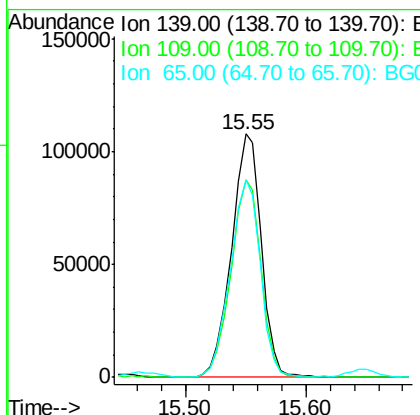
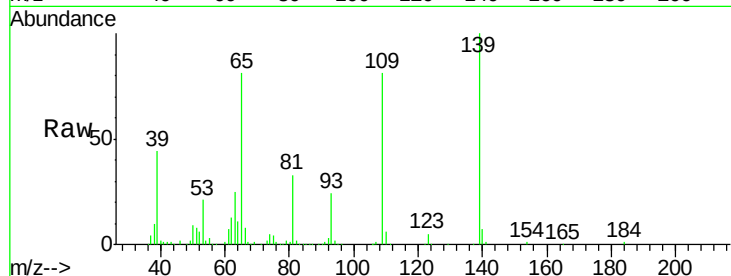




#55
4-Nitrophenol
Concen: 112.970 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

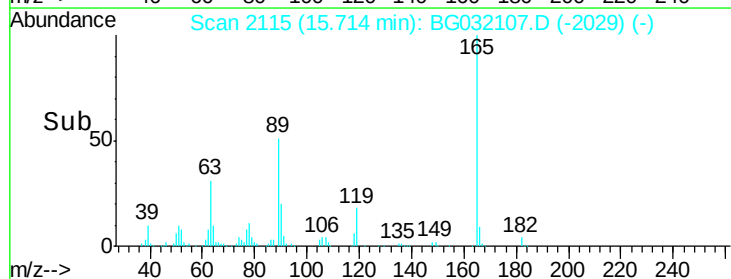
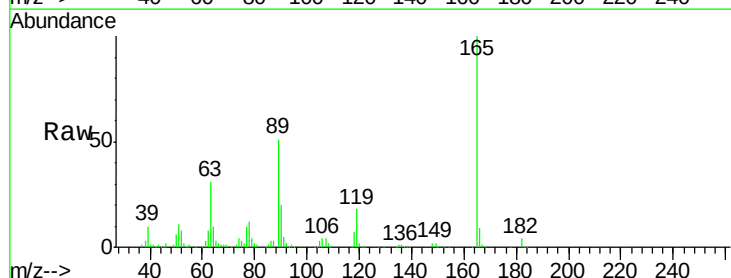
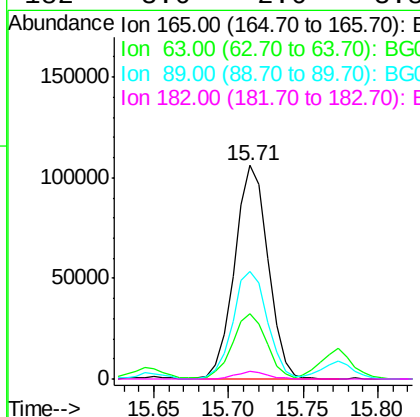
Instrument :
BNA_G
ClientSampleId :

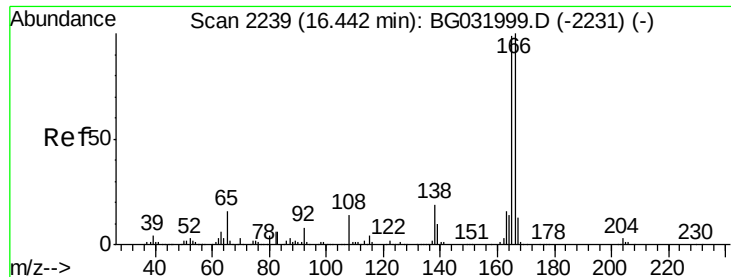
Tot Ion	Ratio	Lower	Upper
139	100		
109	81.2	62.2	102.2
65	81.1	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 49.476 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.8	42.0	63.0
89	50.6	66.9	100.3
182	3.6	2.6	3.8





#57

Fluorene

Concen: 42.131 ng

RT: 16.42 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

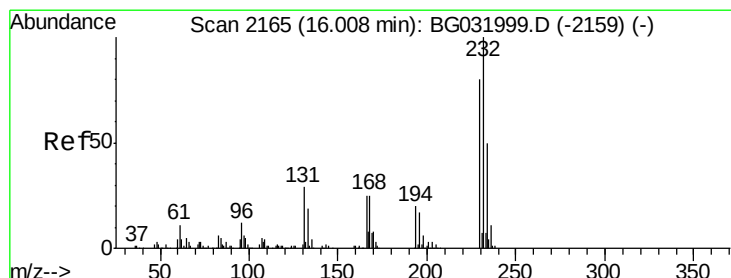
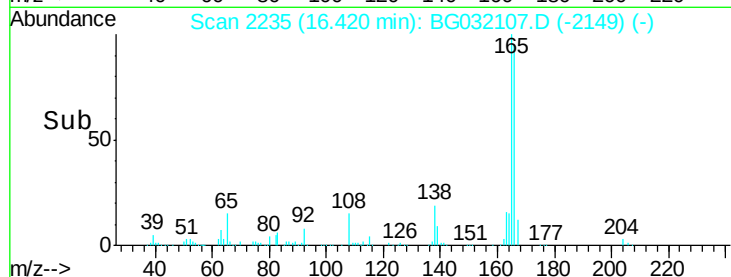
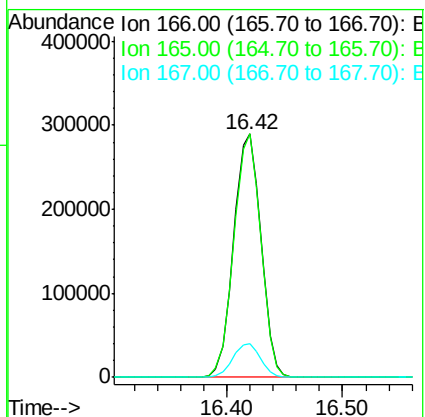
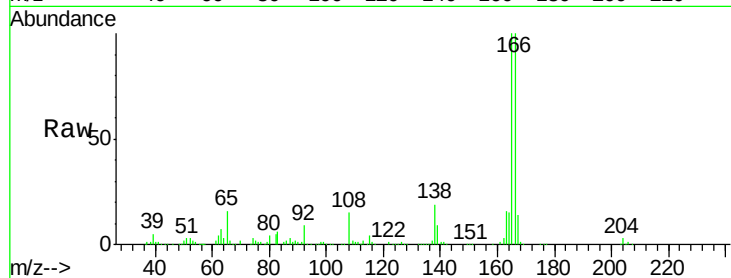
Tot Ion:166 Resp: 474165

Ion Ratio Lower Upper

166 100

165 99.9 80.6 121.0

167 14.0 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.416 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Tgt Ion:232 Resp: 188305

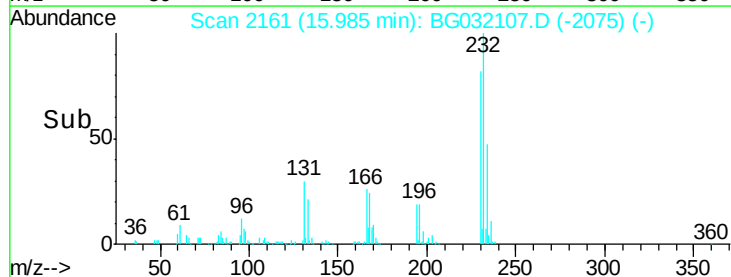
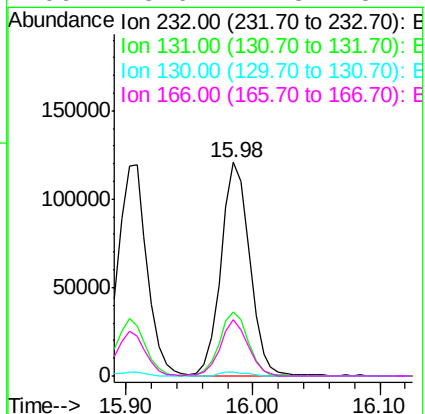
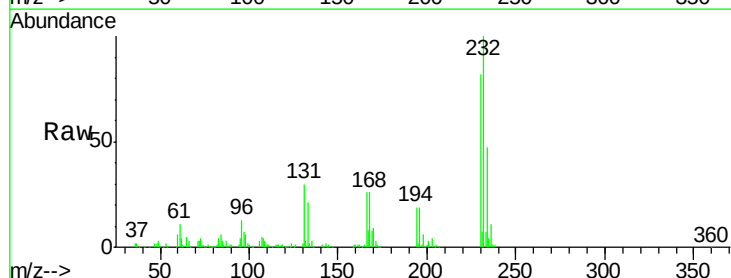
Ion Ratio Lower Upper

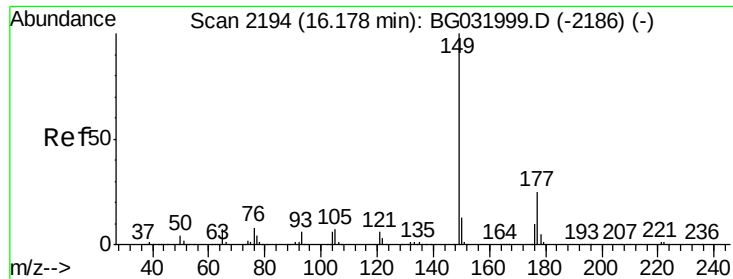
232 100

131 30.5 33.5 50.3#

130 1.7 2.2 3.2#

166 25.6 24.8 37.2





#59

Diethylphthalate

Concen: 42.665 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

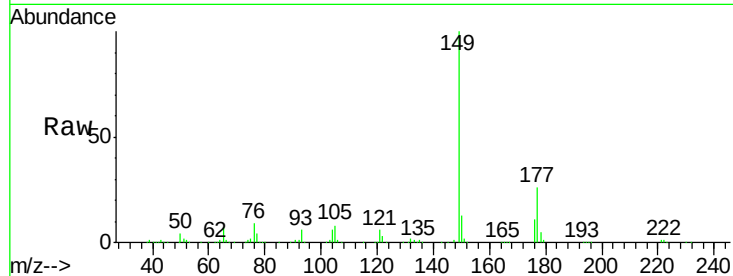
Tot Ion:149 Resp: 495816

Ion Ratio Lower Upper

149 100

177 25.9 18.5 27.7

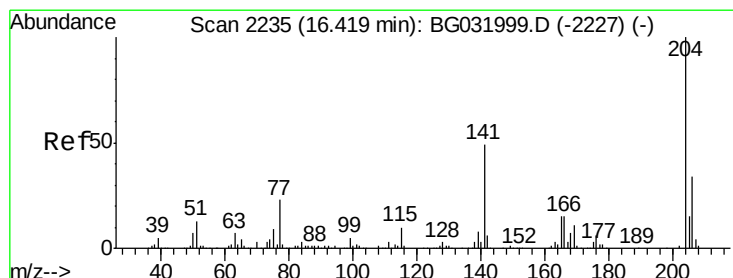
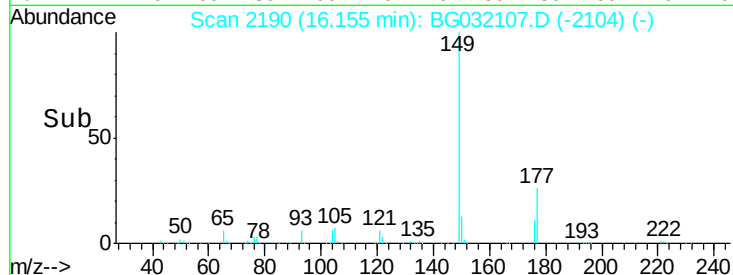
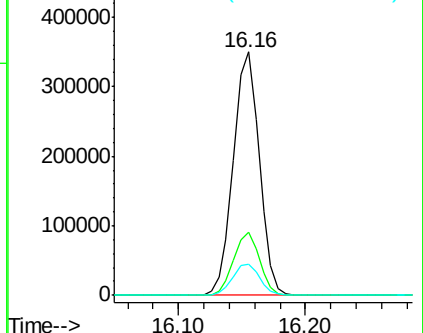
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.667 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

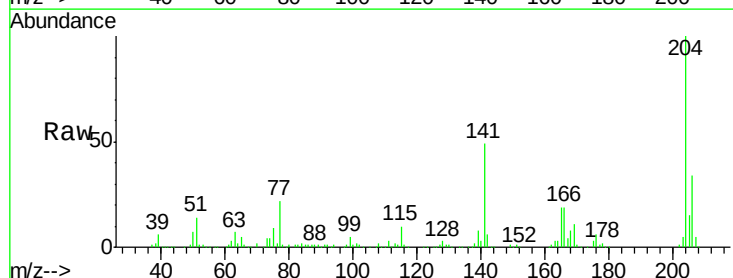
Tgt Ion:204 Resp: 301471

Ion Ratio Lower Upper

204 100

206 33.9 26.2 39.2

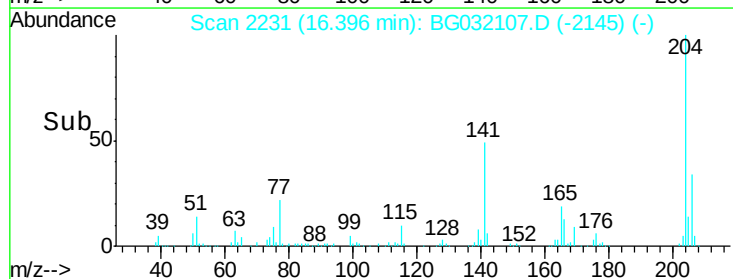
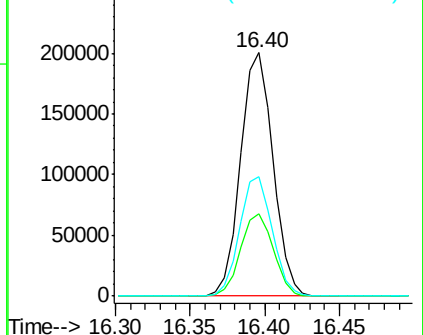
141 49.0 45.8 68.6

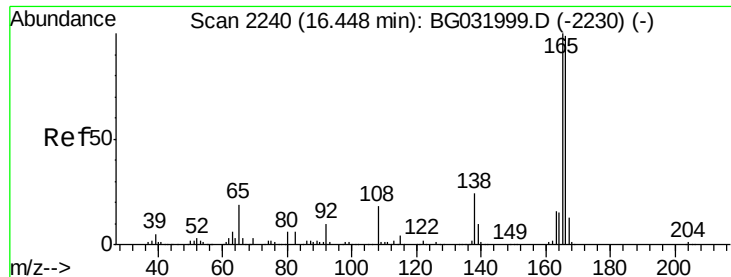


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.435 ng

RT: 16.43 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampled :

Tot Ion:138 Resp: 95790

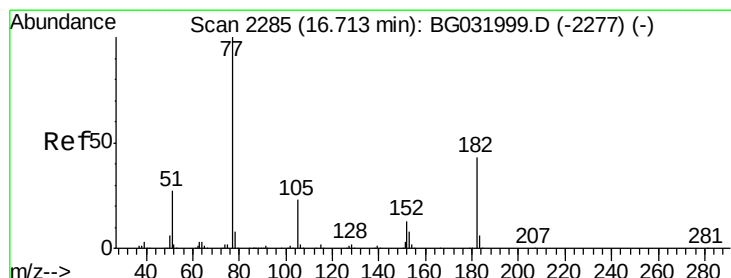
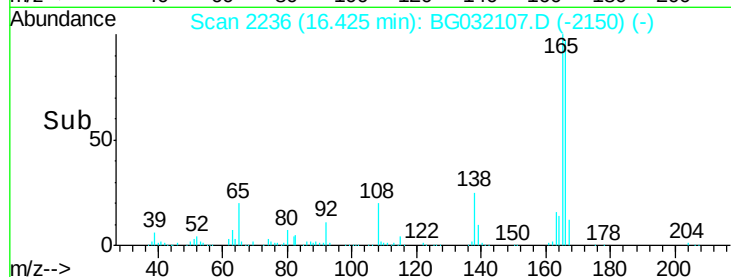
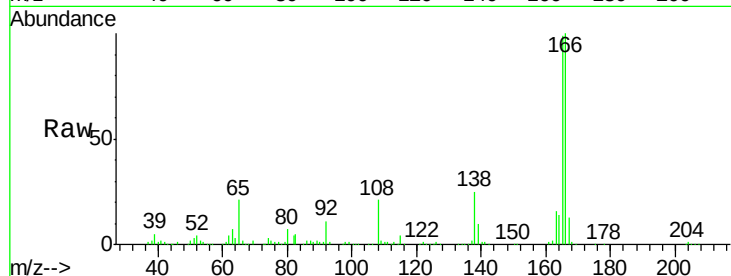
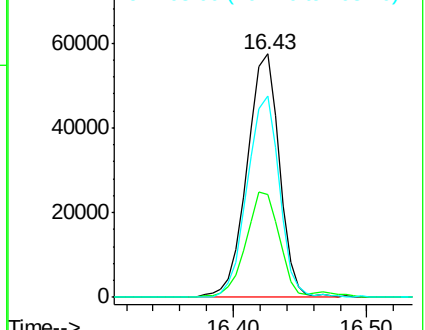
Ion	Ratio	Lower	Upper
138	100		
92	42.1	40.1	80.1
108	82.7	65.4	105.4

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.668 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Tgt Ion: 77 Resp: 324900

Ion	Ratio	Lower	Upper
77	100		
182	44.6	7.4	47.4
105	22.3	0.3	40.3
51	30.7	11.6	51.6

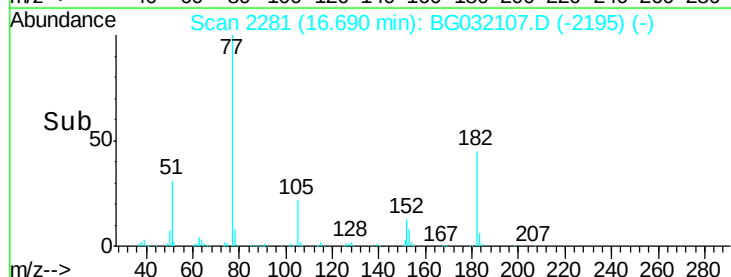
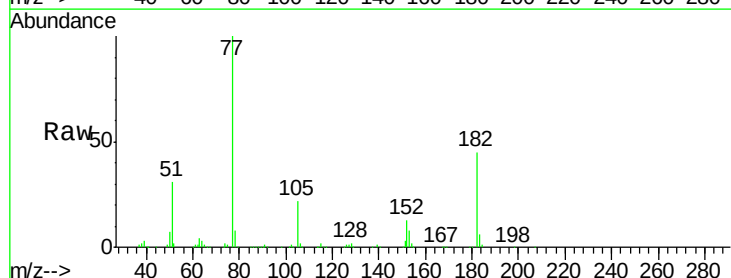
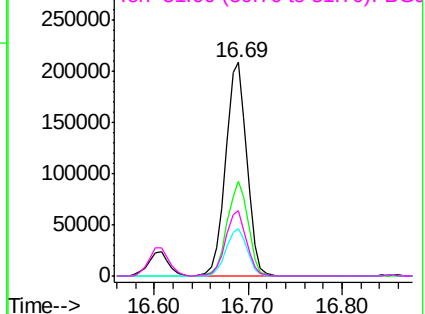
Abundance

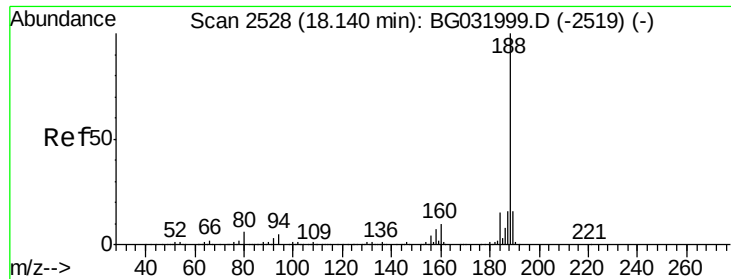
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

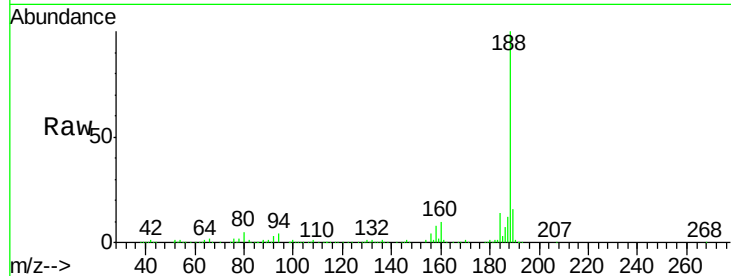
Tot Ion:188 Resp: 363209

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

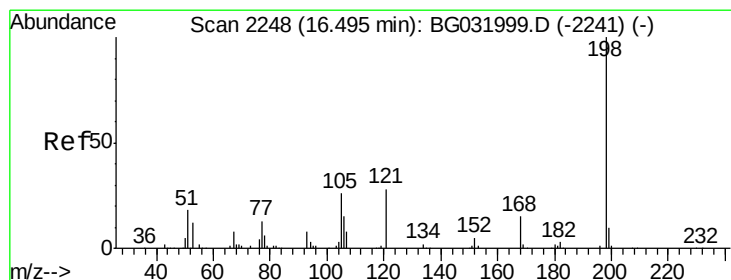
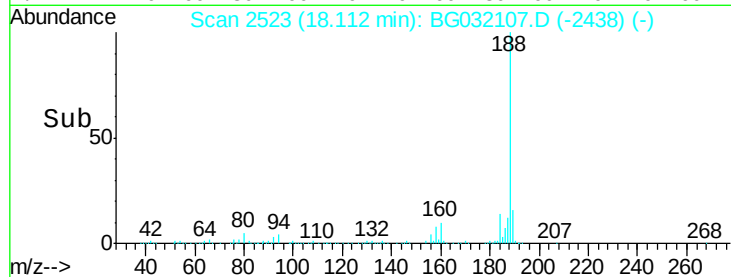
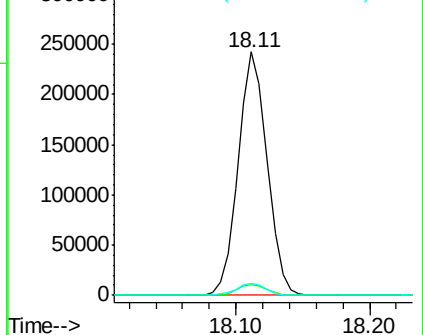
80 4.7 7.7 11.5#



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: 42.491 ng

RT: 16.47 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

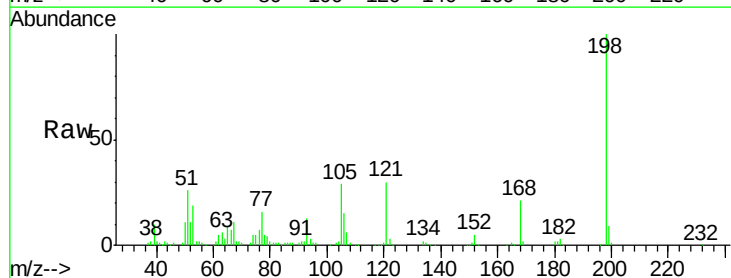
Tgt Ion:198 Resp: 97332

Ion Ratio Lower Upper

198 100

51 25.7 30.6 70.6#

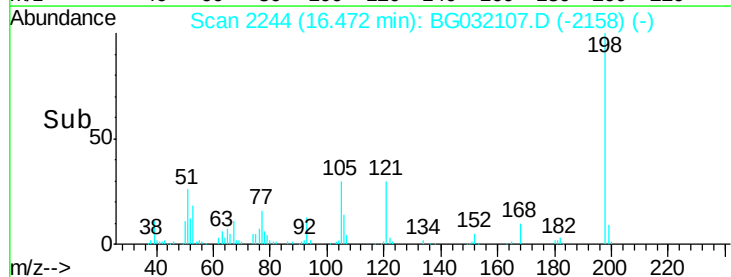
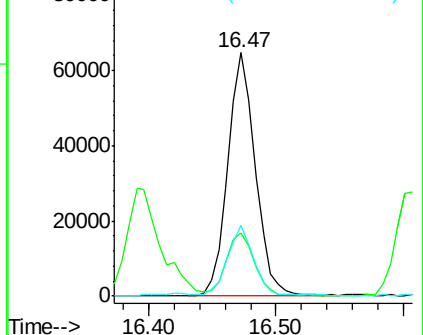
105 29.3 23.8 63.8

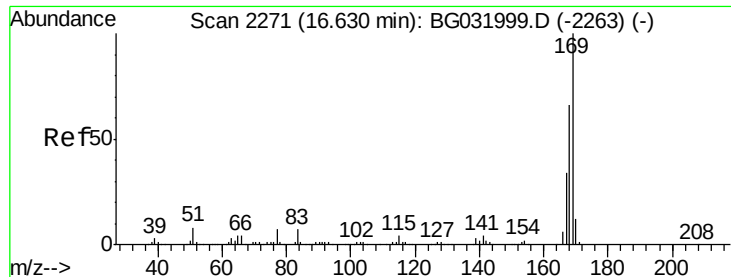


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



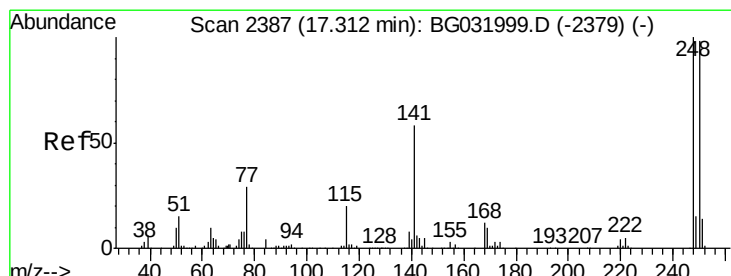
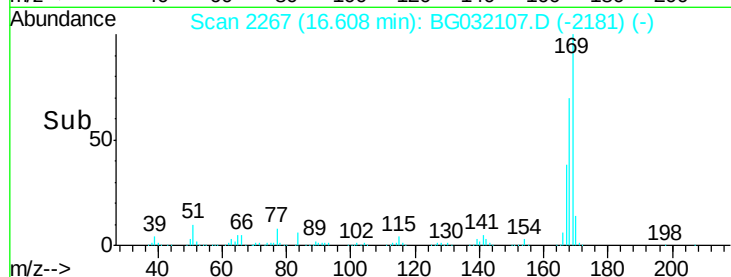
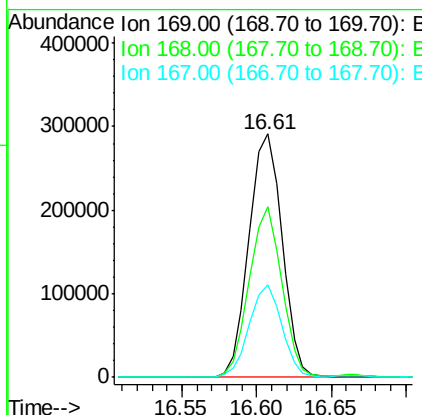
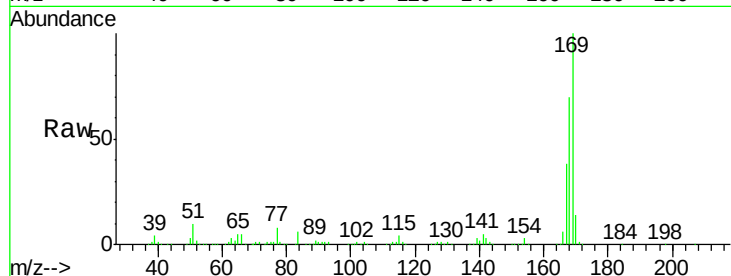


#65

n-Nitrosodiphenylamine
 Concen: 40.616 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Instrument :
 BNA_G
 ClientSampleId :

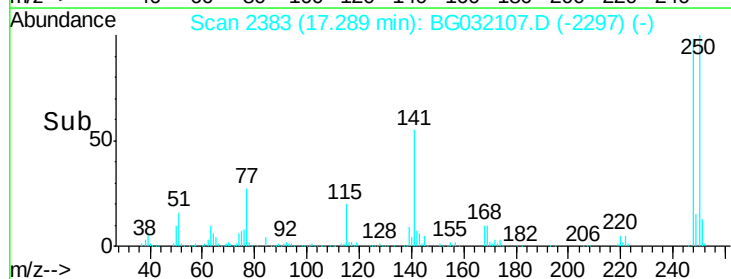
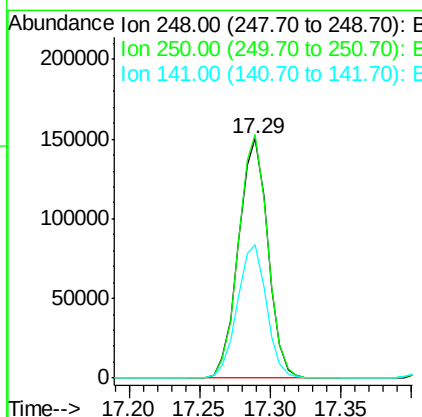
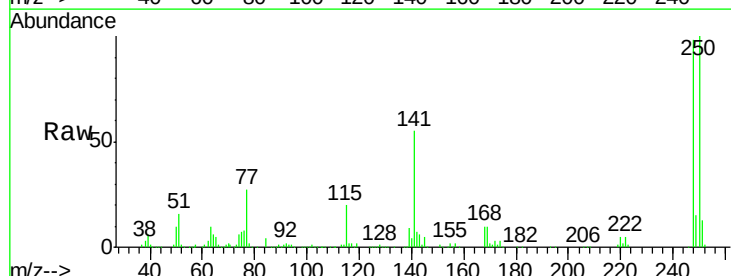
Tot Ion	169	Resp	447637
Ion Ratio	100	Lower	Upper
168	69.9	55.7	83.5
167	37.9	30.1	45.1

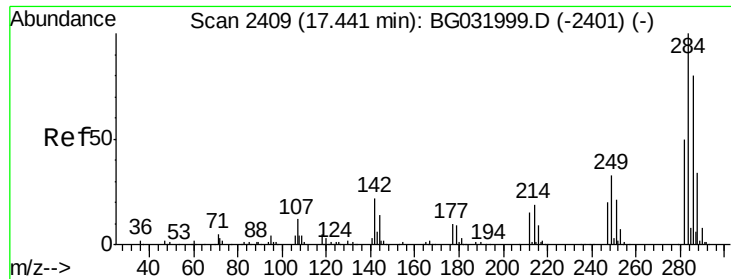


#66

4-Bromophenyl-phenylether
 Concen: 42.333 ng
 RT: 17.29 min Scan# 2383
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	248	Resp	218771
Ion Ratio	100	Lower	Upper
250	101.8	77.1	115.7
141	56.0	50.8	76.2

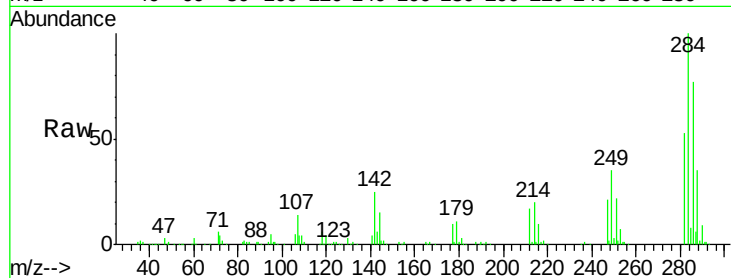




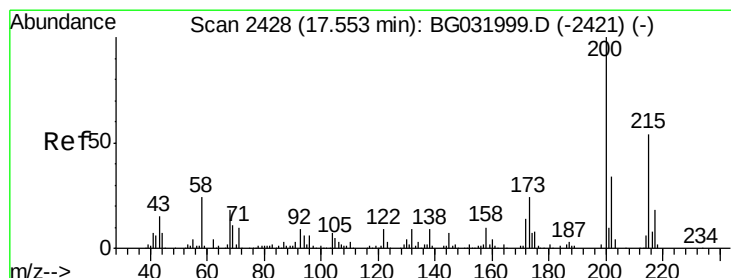
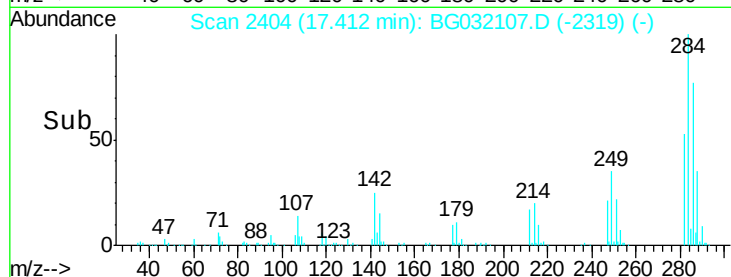
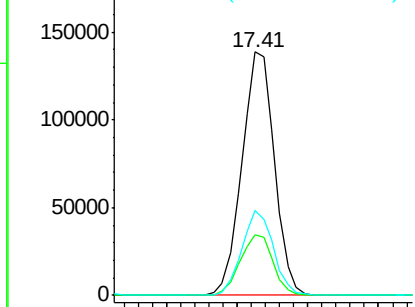
#67
Hexachlorobenzene
Concen: 39.112 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 223619
Ion Ratio Lower Upper
284 100
142 24.7 26.8 40.2#
249 35.1 26.3 39.5

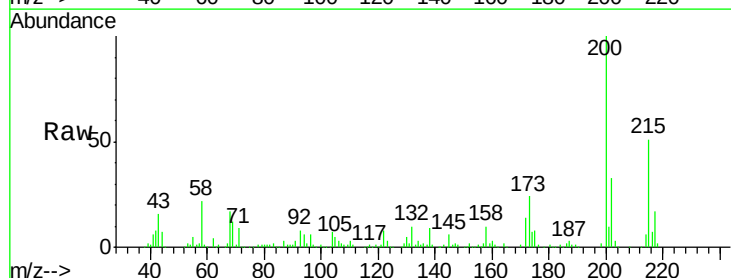


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

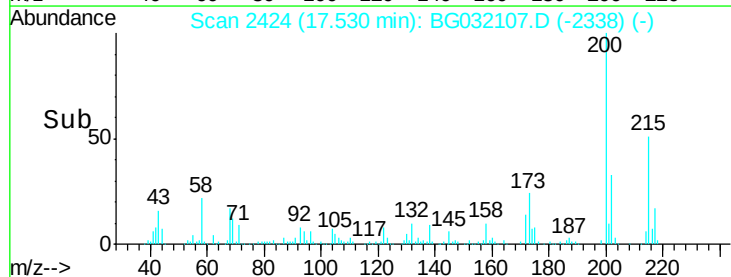
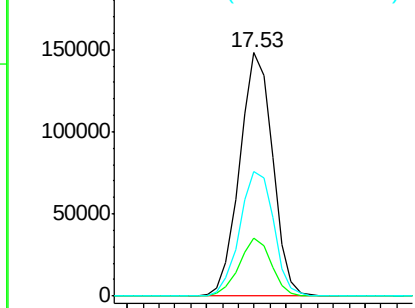


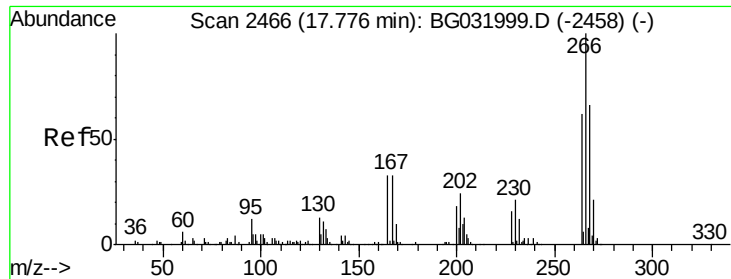
#68
Atrazine
Concen: 46.115 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:200 Resp: 213739
Ion Ratio Lower Upper
200 100
173 23.9 5.2 45.2
215 51.3 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

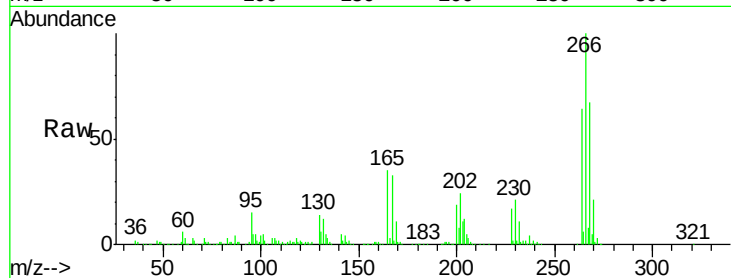




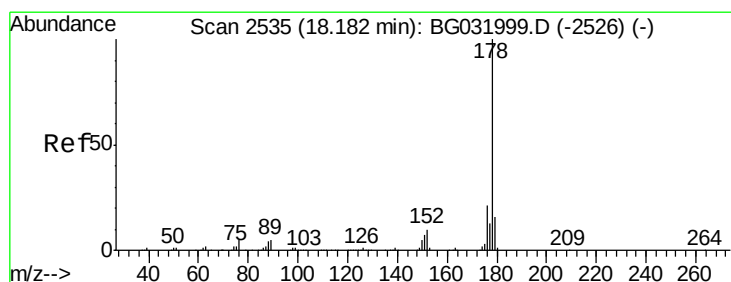
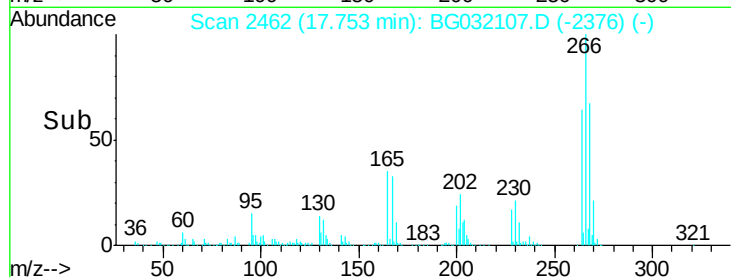
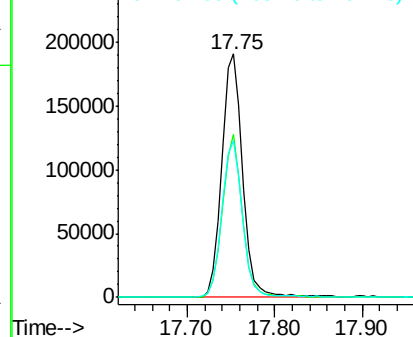
#69
 Pentachlorophenol
 Concen: 86.624 ng
 RT: 17.75 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	64.2	49.6	74.4

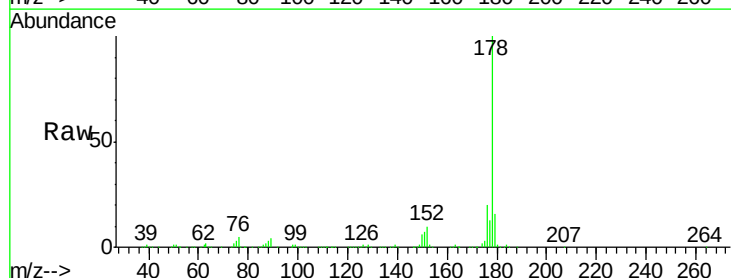


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

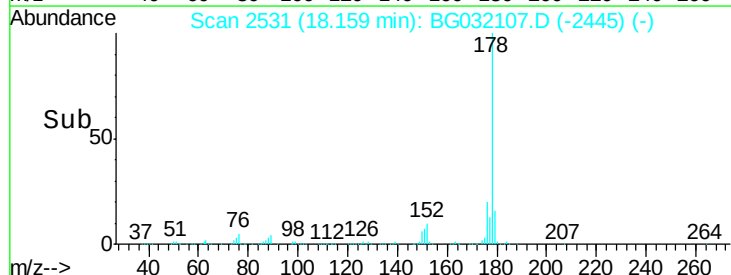
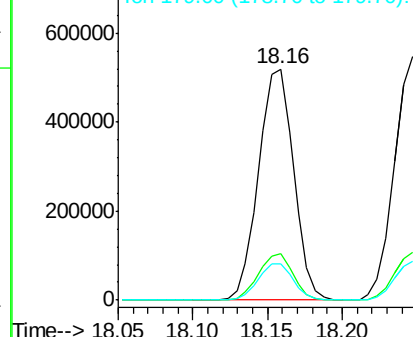


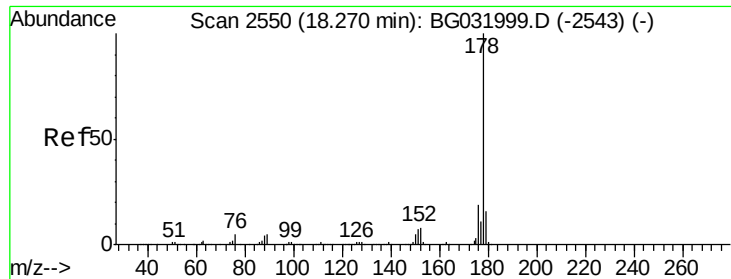
#70
 Phenanthrene
 Concen: 41.591 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.8	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.764 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

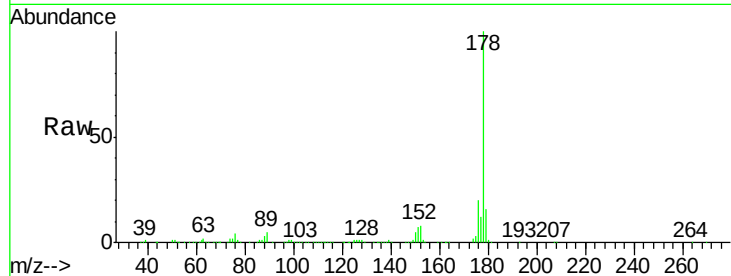
Tot Ion:178 Resp: 862521

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

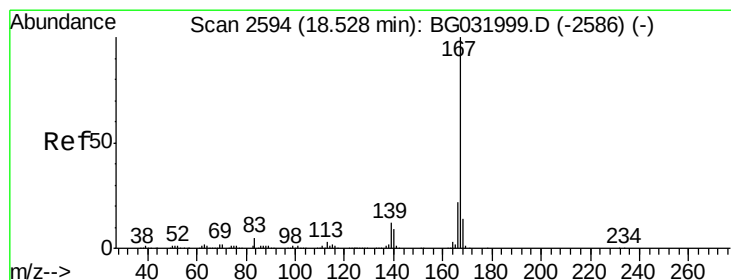
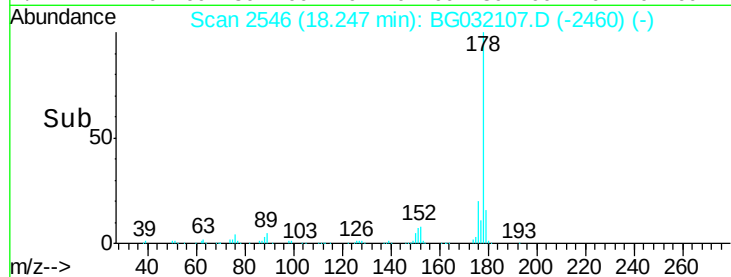
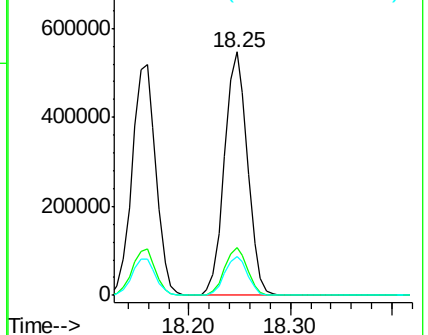
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.270 ng

RT: 18.51 min Scan# 2590

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

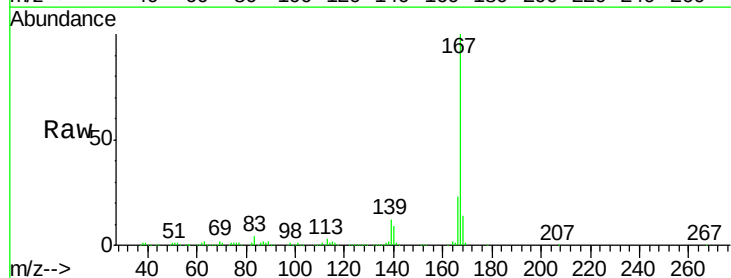
Tgt Ion:167 Resp: 757070

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.4

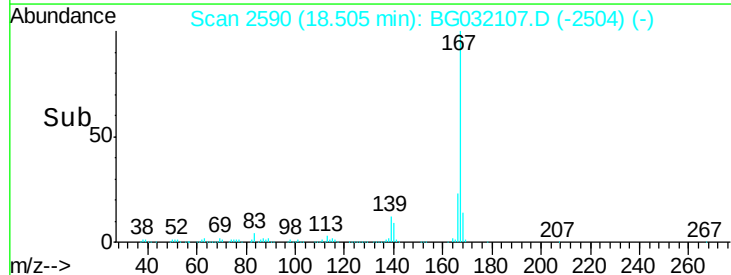
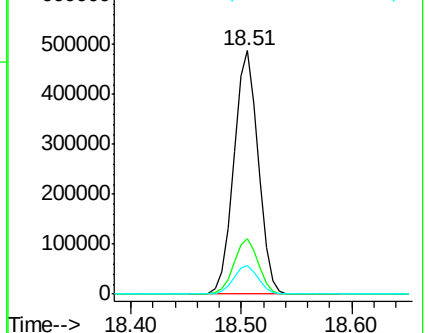
139 11.9 9.4 14.2

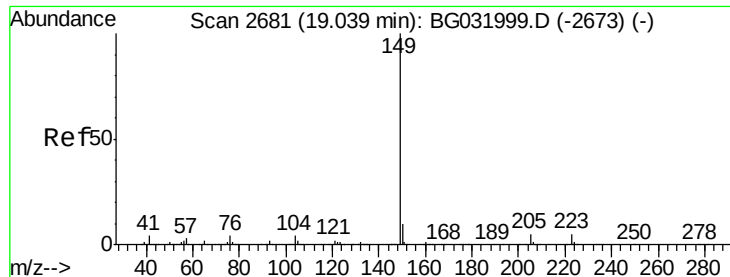


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.184 ng

RT: 19.02 min Scan# 2677

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

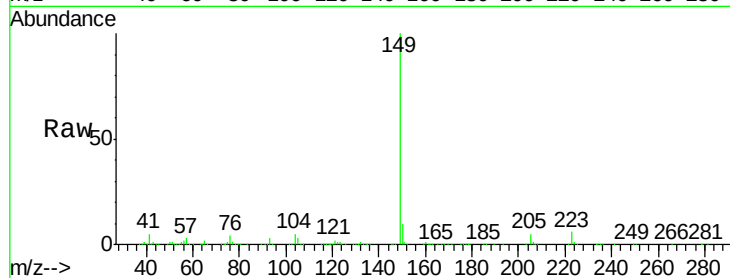
Tot Ion:149 Resp: 872133

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 4.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

19.02

600000

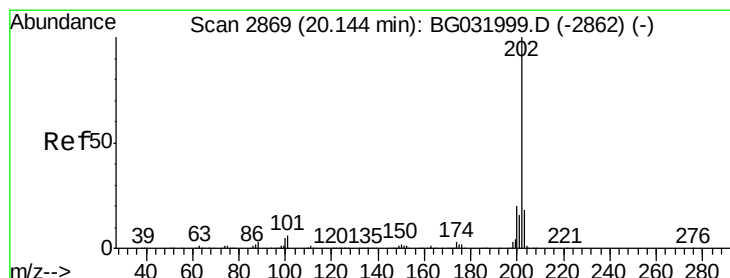
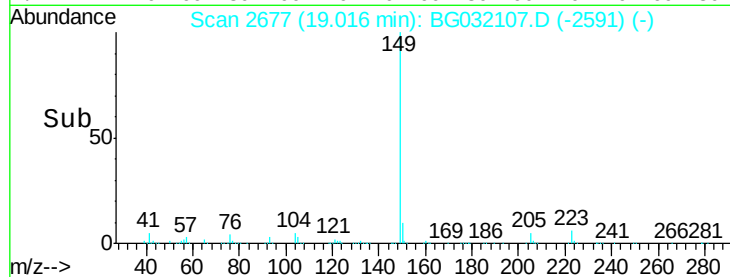
400000

200000

0

19.00 19.10

Time-->



#74

Fluoranthene

Concen: 43.748 ng

RT: 20.12 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

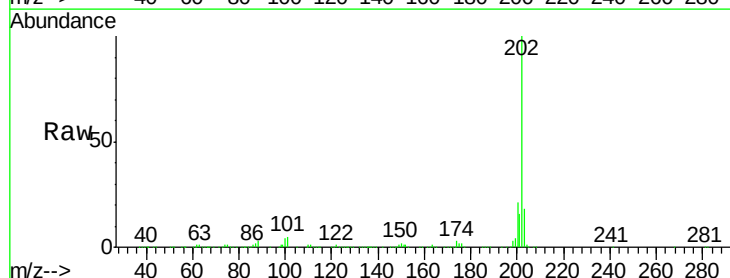
Tgt Ion:202 Resp: 1107667

Ion Ratio Lower Upper

202 100

101 4.8 0.0 28.9

203 18.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

20.12

1000000

800000

600000

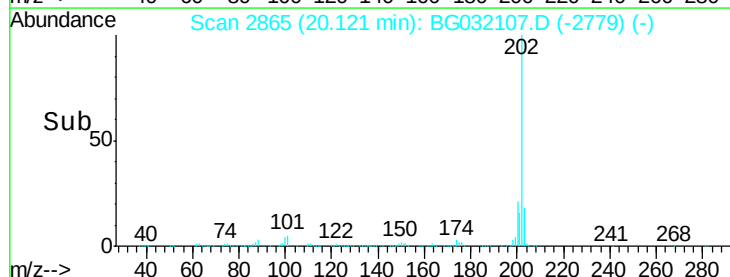
400000

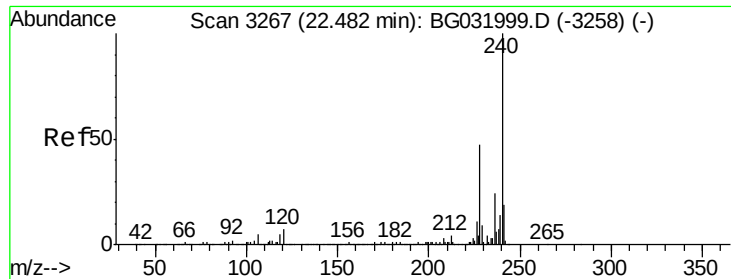
200000

0

20.05 20.10 20.15 20.20

Time-->

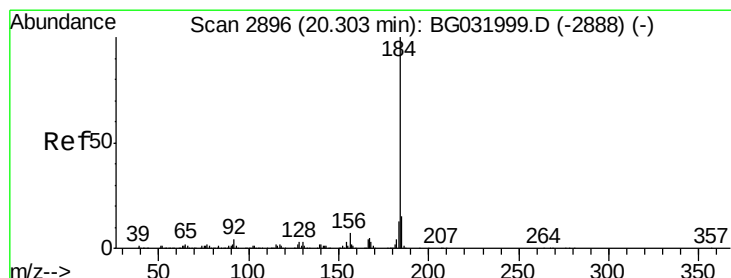
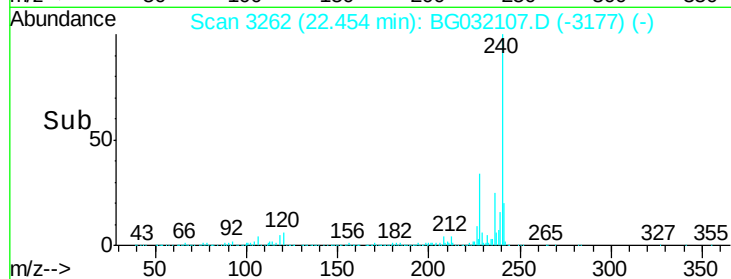
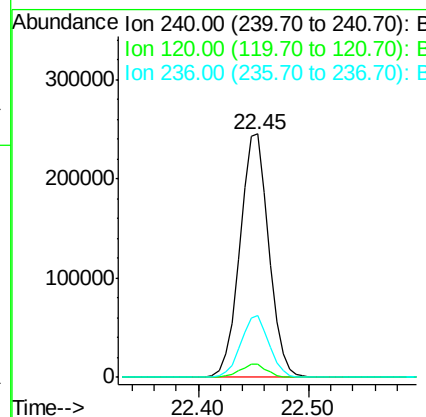
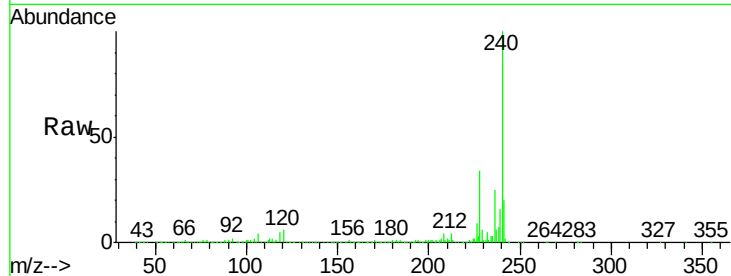




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

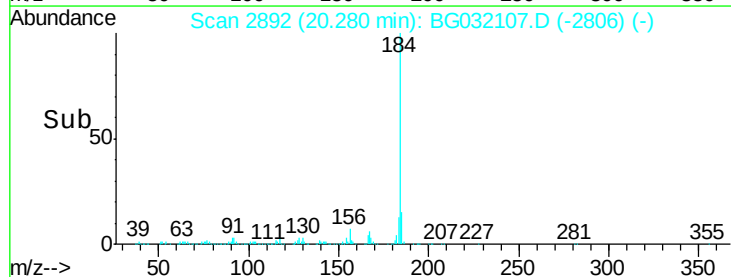
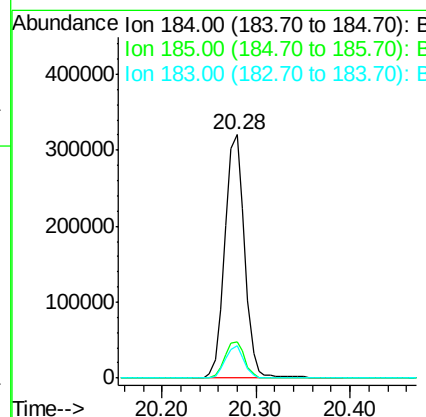
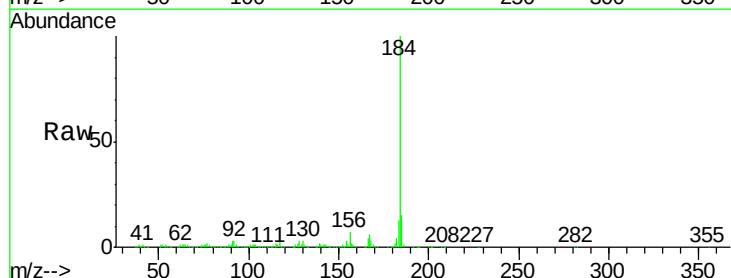
Instrument :
 BNA_G
 ClientSampleId :

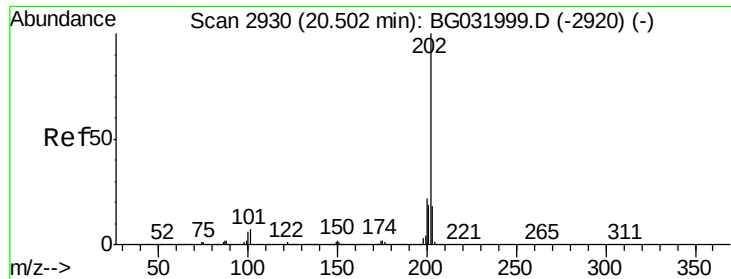
Tot Ion:240 Resp: 451354
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.3 20.9 31.3



#76
 Benzidine
 Concen: 41.726 ng
 RT: 20.28 min Scan# 2892
 Delta R.T. -0.02 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion:184 Resp: 470951
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.1 16.7
 183 13.2 10.6 16.0





#77

Pvrene

Concen: 39.496 ng

RT: 20.47 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

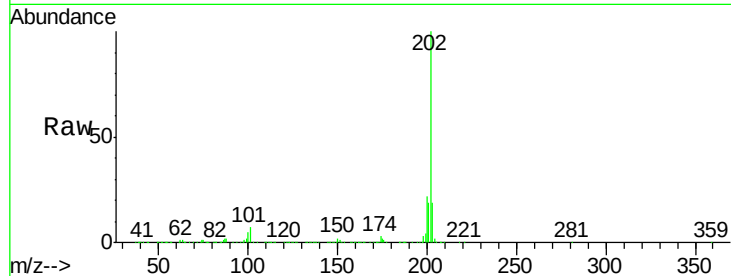
Tot Ion:202 Resp: 1120646

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

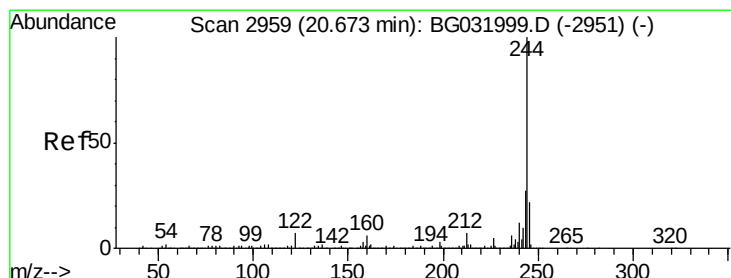
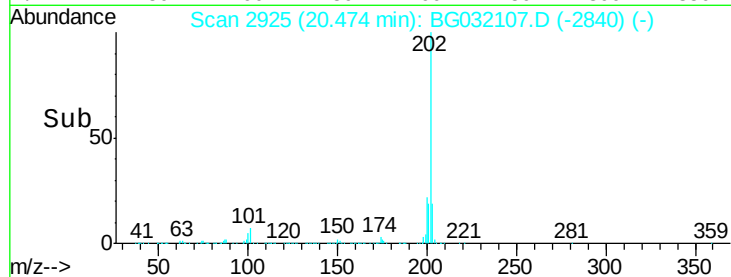
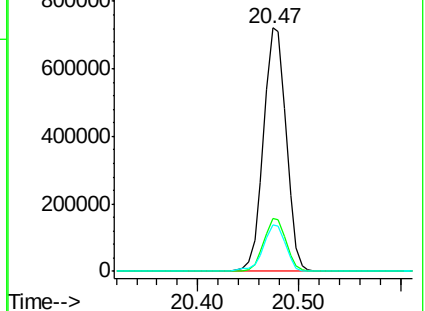
203 19.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.616 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

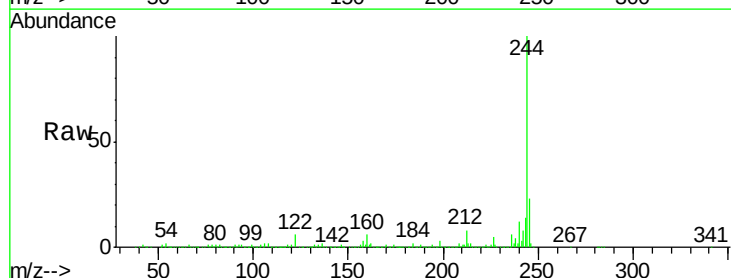
Tgt Ion:244 Resp: 1770558

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

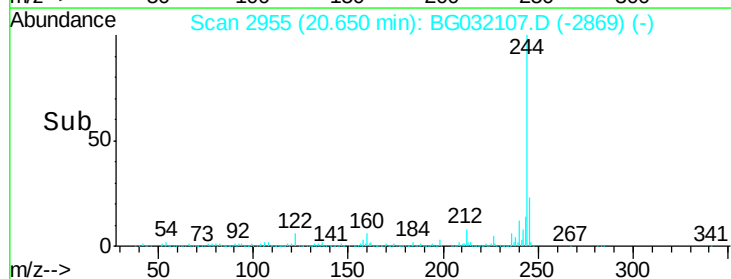
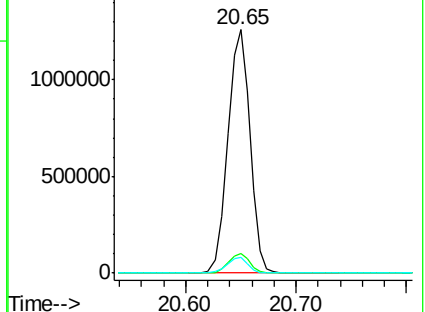
122 6.4 7.0 10.4#

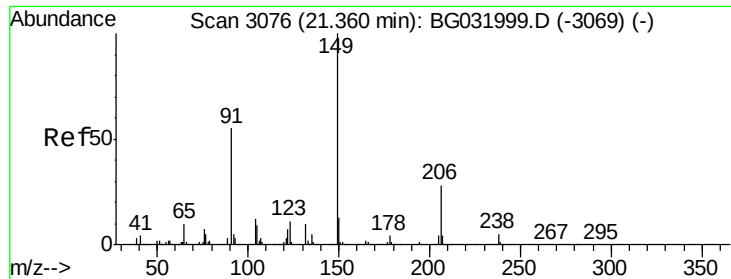


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

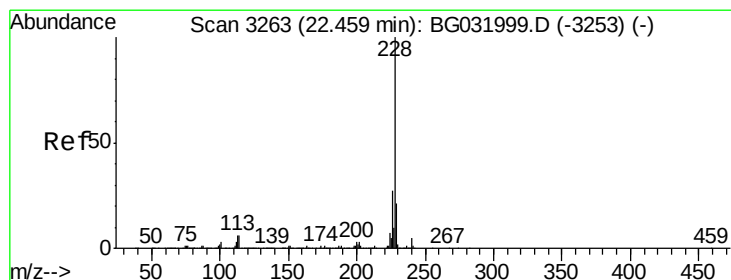
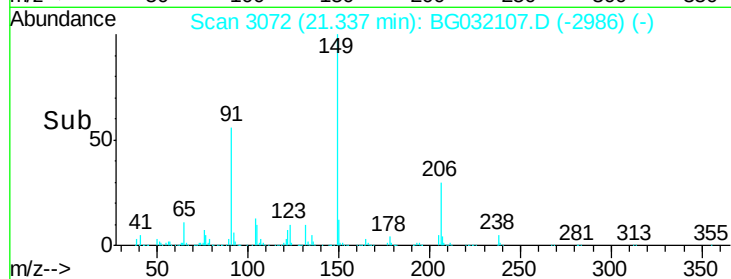
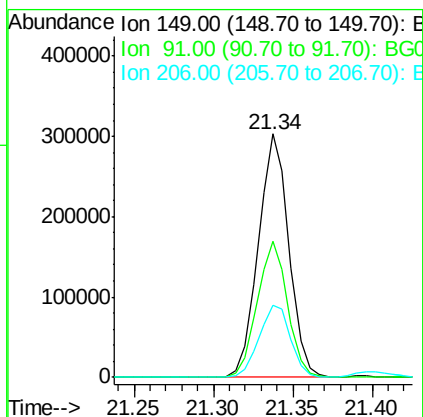
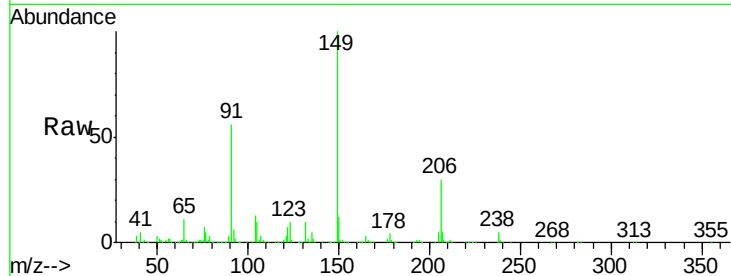




#79
Butylbenzylphthalate
Concen: 39.990 ng
RT: 21.34 min Scan# 3072
Delta R.T. -0.02 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

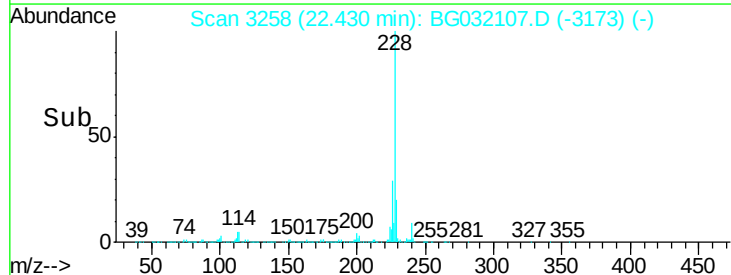
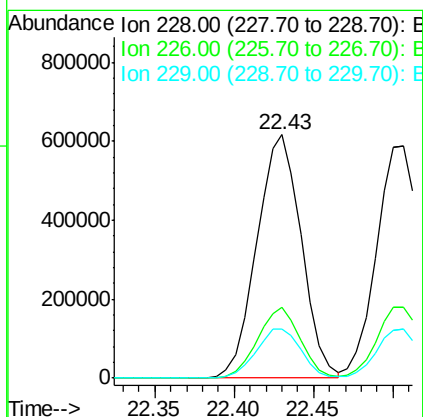
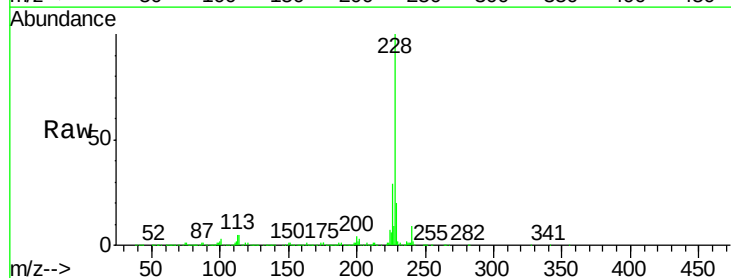
Instrument :
BNA_G
ClientSampleId :

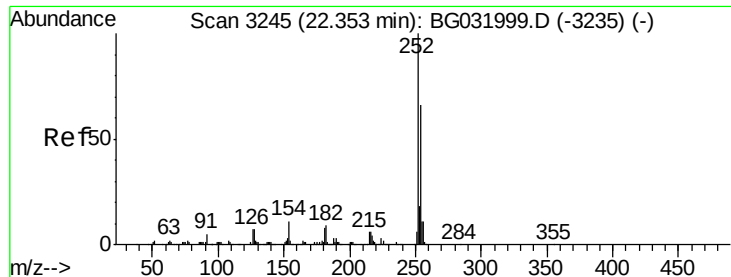
Tot Ion:149 Resp: 406539
Ion Ratio Lower Upper
149 100
91 55.8 62.2 93.2#
206 29.7 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 42.739 ng
RT: 22.43 min Scan# 3258
Delta R.T. -0.03 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:228 Resp: 1199678
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.4 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 27.488 ng

RT: 22.32 min Scan# 3239

Delta R.T. -0.03 min

Lab File: BG032107.D

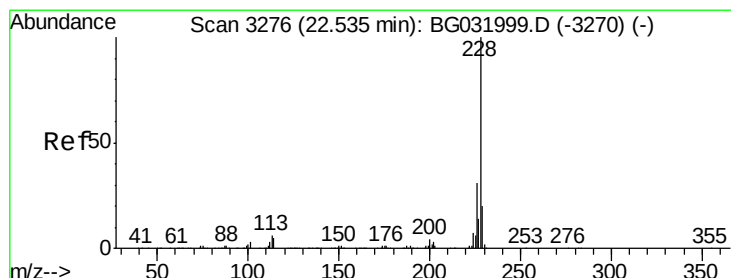
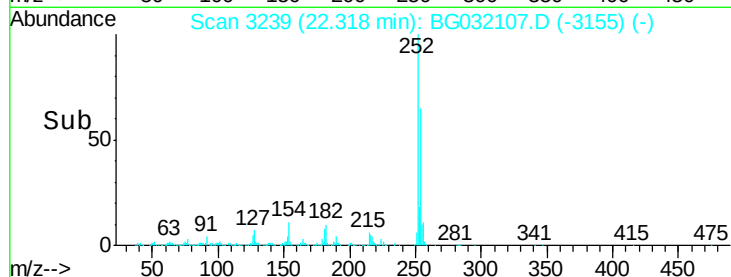
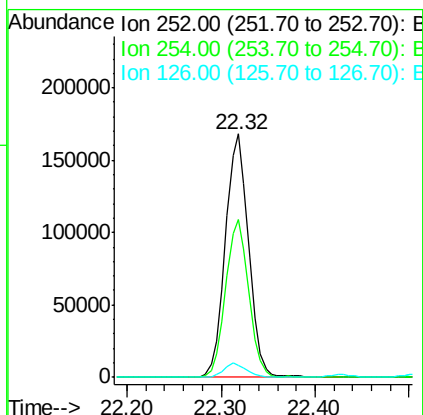
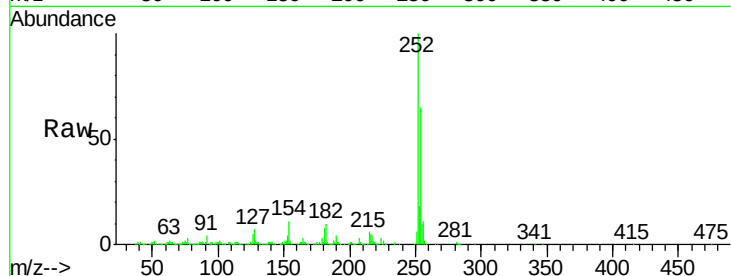
Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	288230
Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	5.1	7.4	11.2#



#82

Chrysene

Concen: 41.717 ng

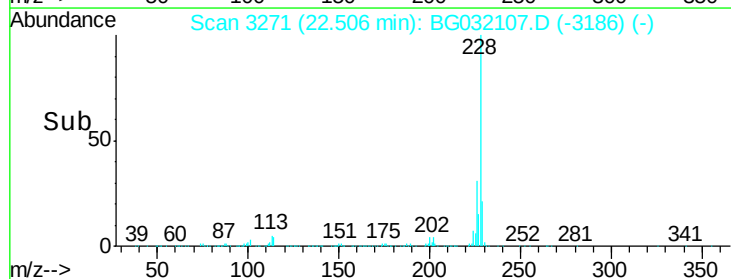
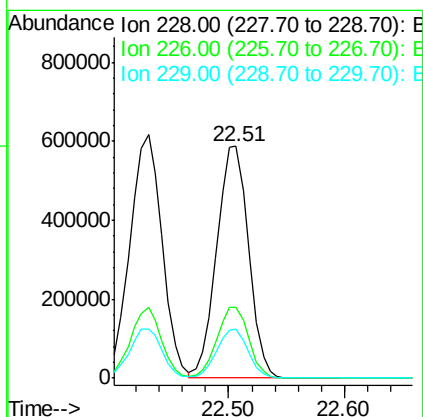
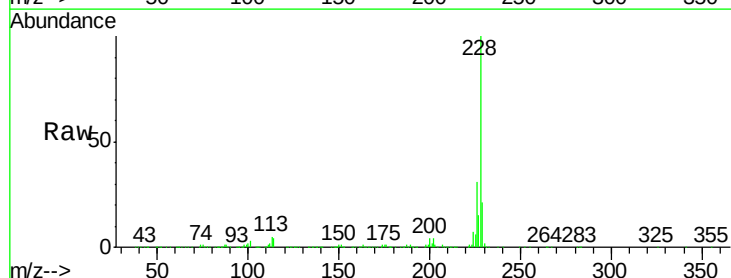
RT: 22.51 min Scan# 3271

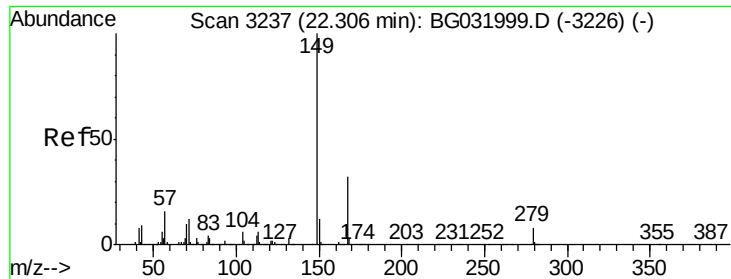
Delta R.T. -0.03 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Tgt Ion:	228	Resp:	1124579
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.2	15.0	22.4

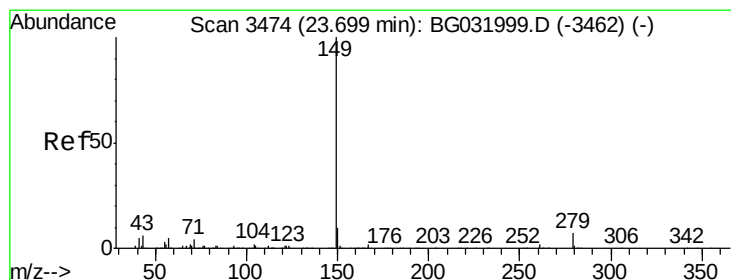
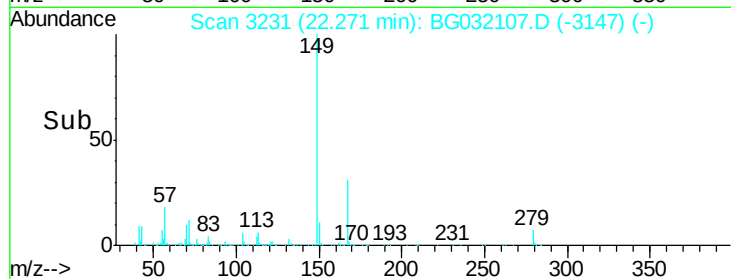
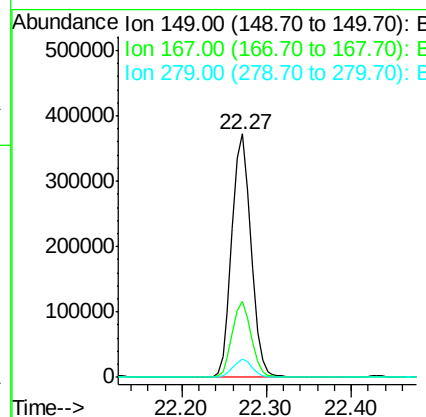
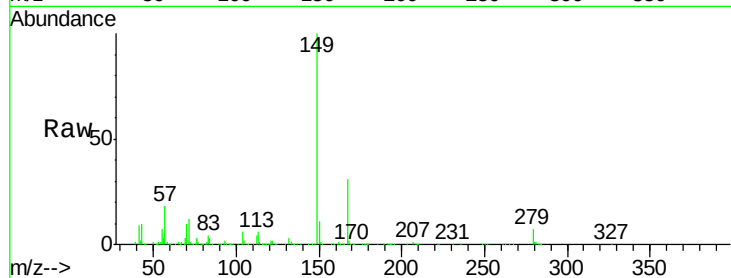




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.865 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.03 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

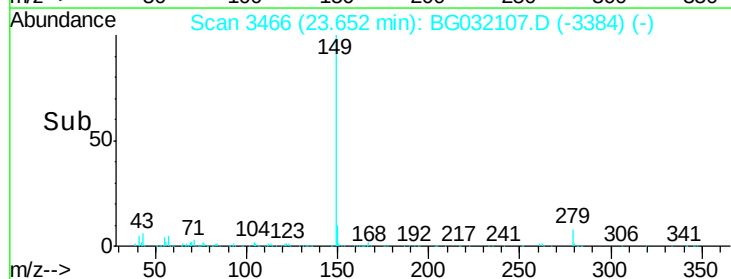
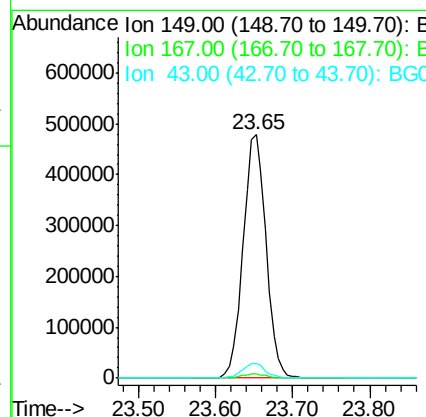
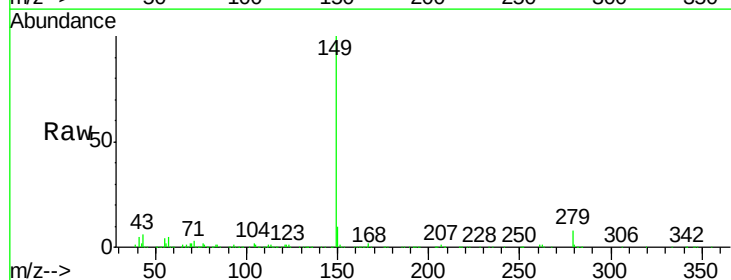
Instrument :
 BNA_G
 ClientSampleId :

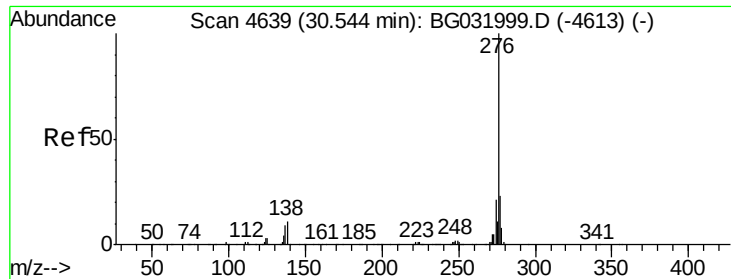
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.3	36.5
279	7.4	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 42.091 ng
 RT: 23.65 min Scan# 3466
 Delta R.T. -0.05 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3

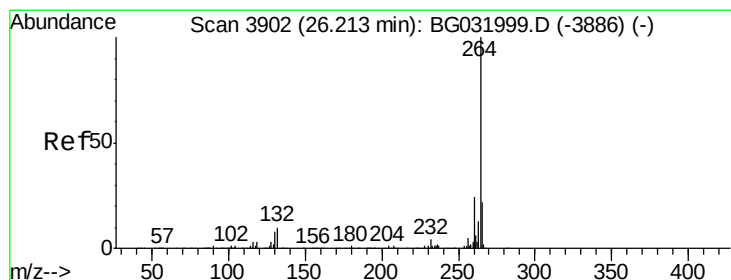
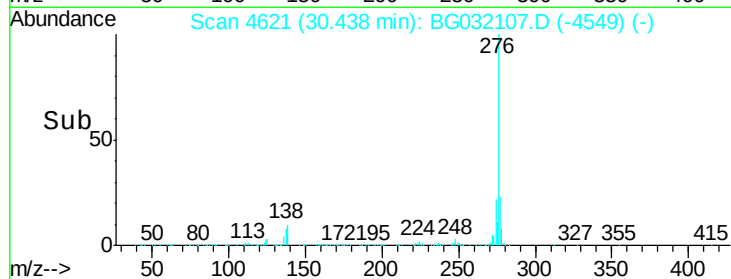
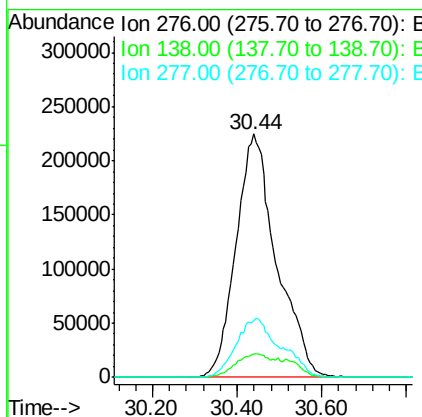
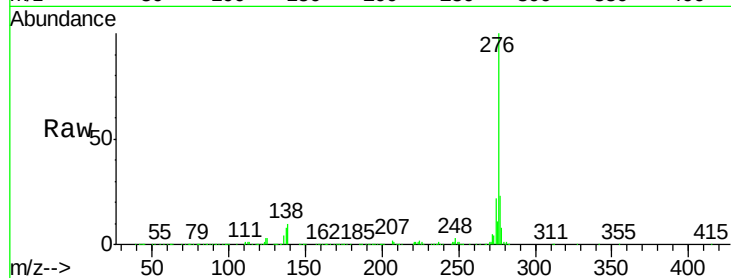




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.198 ng
 RT: 30.44 min Scan# 4621
 Delta R.T. -0.11 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

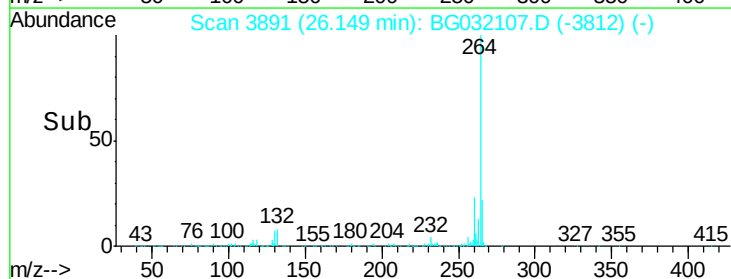
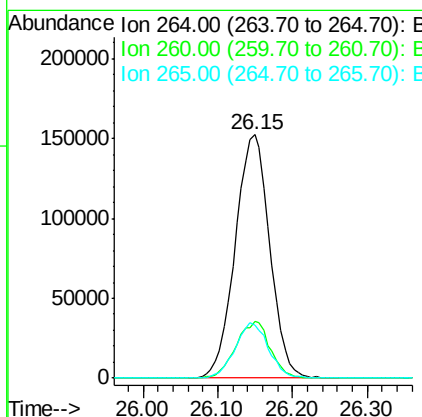
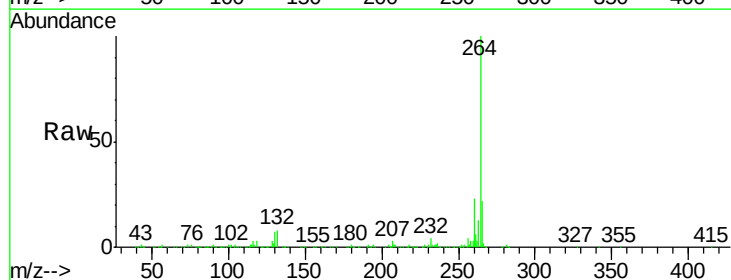
Instrument :
 BNA_G
 ClientSampleId :

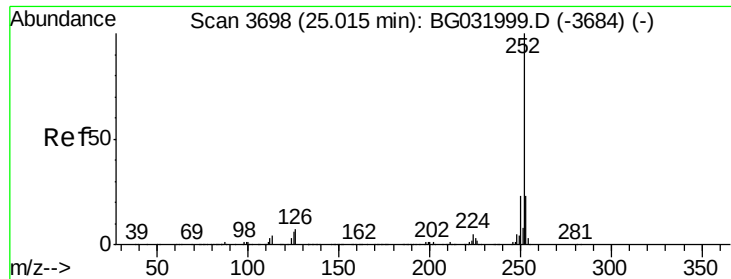
Tot Ion:276 Resp: 1491104
 Ion Ratio Lower Upper
 276 100
 138 8.6 16.0 24.0#
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3891
 Delta R.T. -0.06 min
 Lab File: BG032107.D
 Acq: 17 Jan 2018 19:13

Tgt Ion:264 Resp: 490568
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 21.7 17.7 26.5

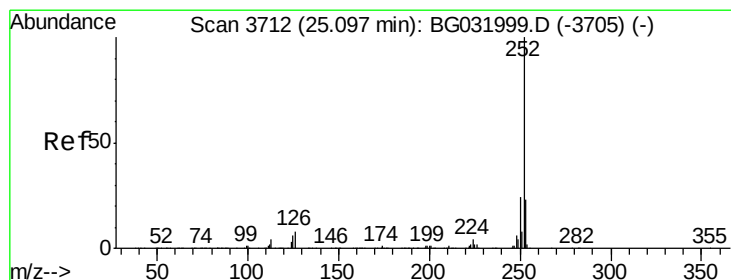
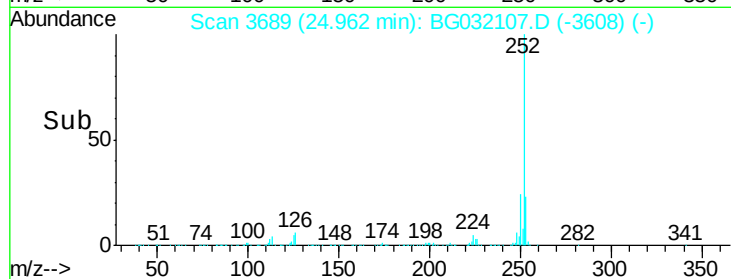
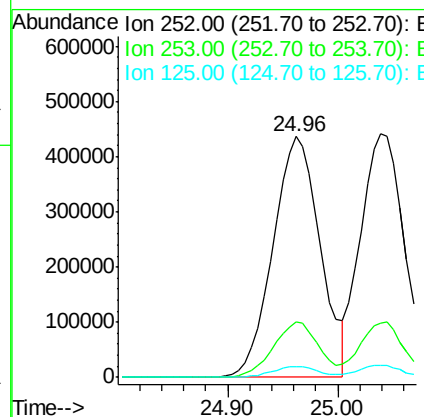
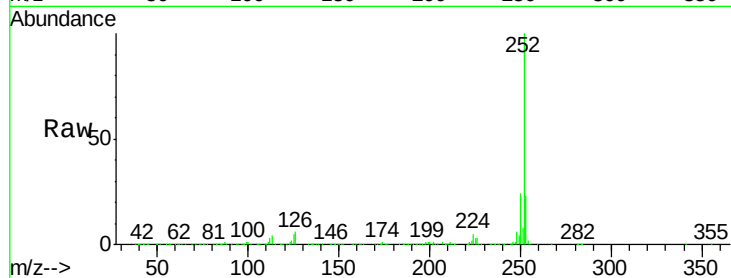




#87
Benzo(b)fluoranthene
Concen: 43.435 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.05 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

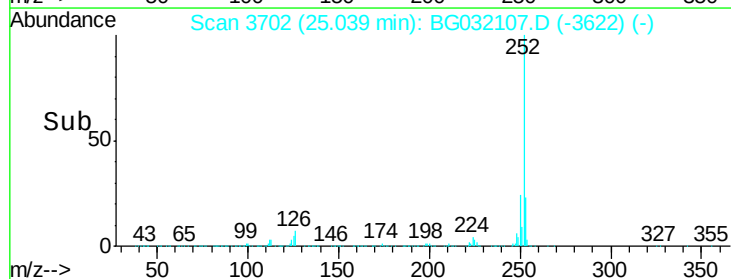
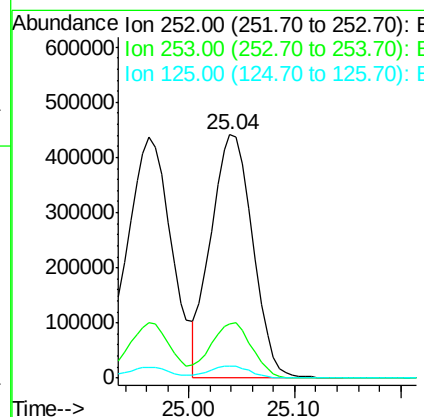
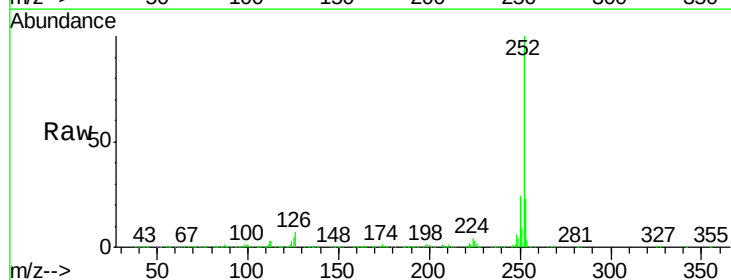
Instrument :
BNA_G
ClientSampled :

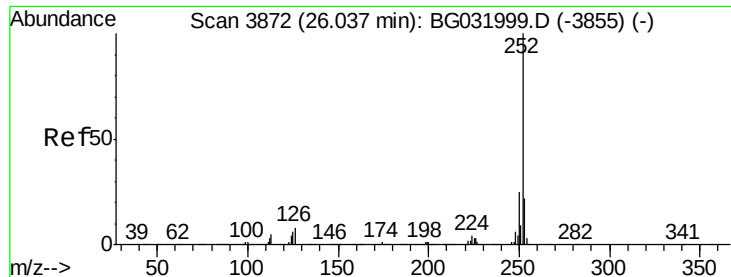
Tot Ion:252 Resp: 1287934
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 4.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 41.747 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.06 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:252 Resp: 1209633
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.8 6.6 9.8#

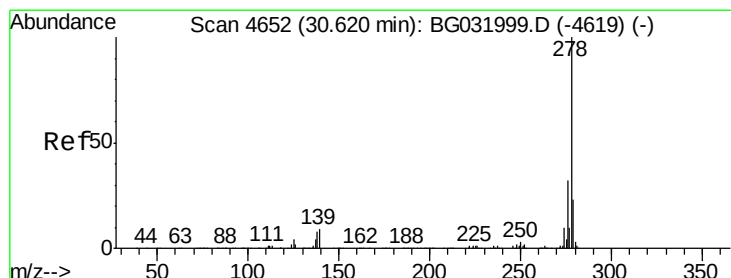
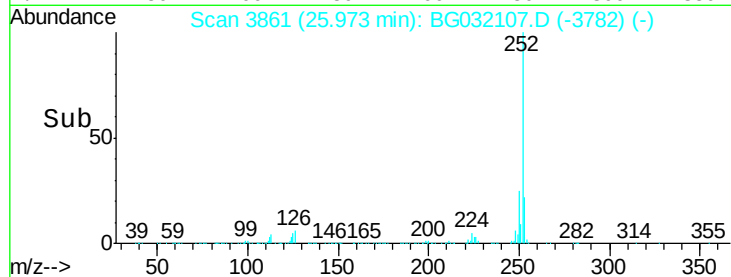
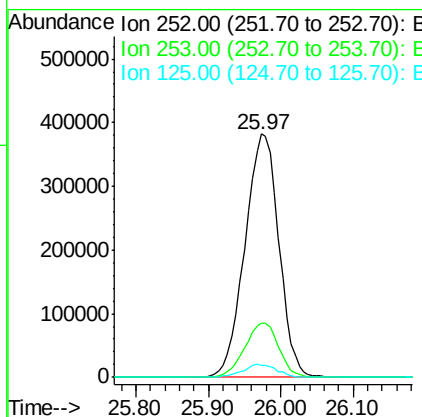
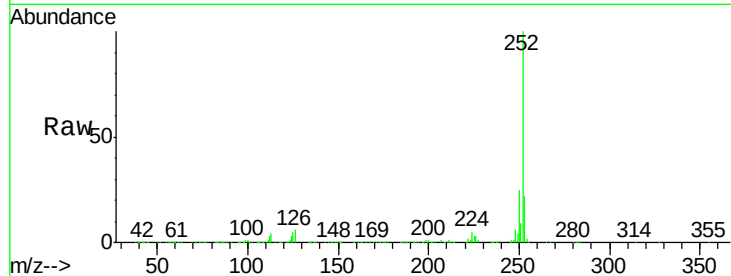




#89
Benzo(a)pyrene
Concen: 44.094 ng
RT: 25.97 min Scan# 3861
Delta R.T. -0.06 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

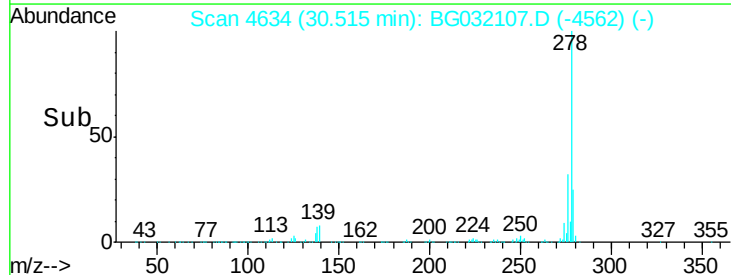
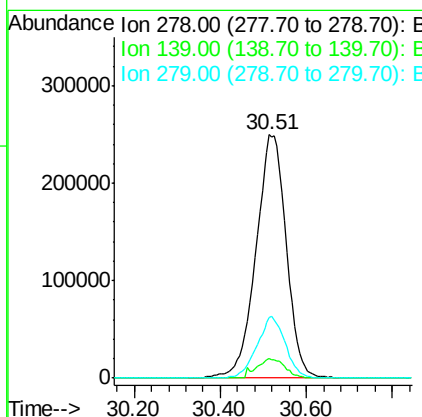
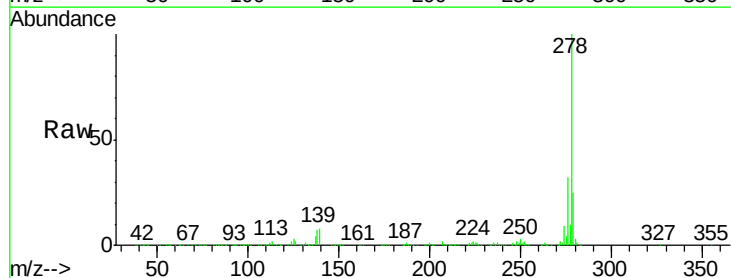
Instrument :
BNA_G
ClientSampled :

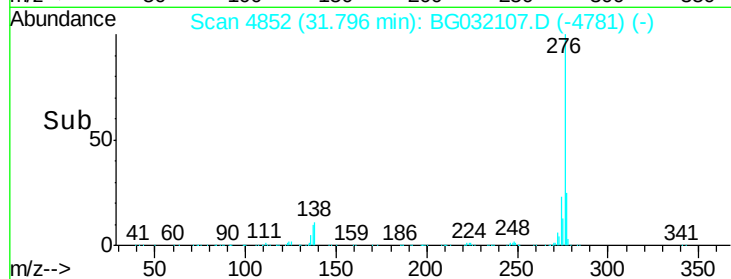
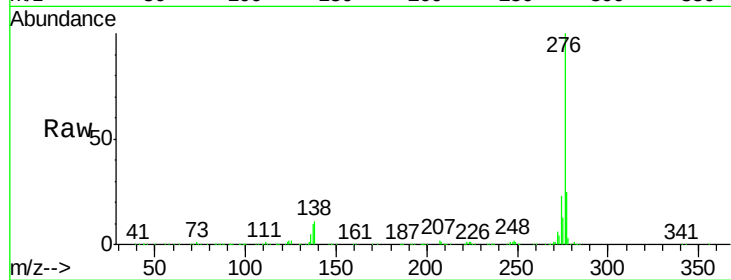
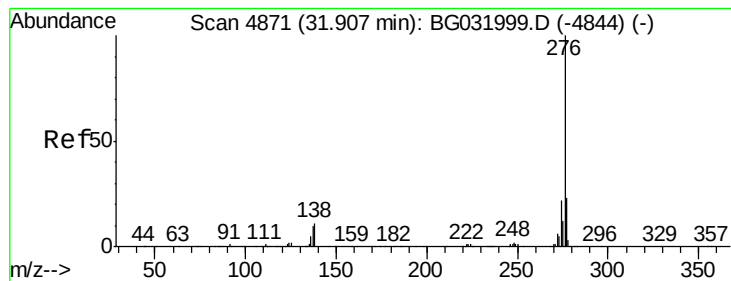
Tot Ion:252 Resp: 1236843
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 5.1 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 46.035 ng
RT: 30.51 min Scan# 4634
Delta R.T. -0.11 min
Lab File: BG032107.D
Acq: 17 Jan 2018 19:13

Tgt Ion:278 Resp: 1244329
Ion Ratio Lower Upper
278 100
139 8.0 9.8 14.6#
279 24.6 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 44.779 ng

RT: 31.80 min Scan# 4852

Delta R.T. -0.11 min

Lab File: BG032107.D

Acq: 17 Jan 2018 19:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1237123

Ion Ratio Lower Upper

276 100

277 25.2 18.3 27.5

138 10.7 13.9 20.9#

