

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122617\
 Data File : BG031760.D
 Acq On : 26 Dec 2017 14:07
 Operator : SJ/JU
 Sample : PB105312BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

Quant Time: Dec 26 16:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	51485	20.00	ng	-0.03
21) Naphthalene-d8	11.70	136	207906	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	145792	20.00	ng	-0.02
63) Phenanthrene-d10	18.17	188	376784	20.00	ng	-0.03
75) Chrysene-d12	22.52	240	441539	20.00	ng	-0.05
86) Perylene-d12	26.28	264	485569	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	385180	136.27	ng	-0.02
7) Phenol-d6	7.91	99	477292	130.05	ng	-0.02
23) Nitrobenzene-d5	10.01	82	239931	87.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	324157	145.72	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	932879	80.31	ng	-0.03
78) Terphenyl-d14	20.70	244	1685445	87.21	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	37232	35.533	ng	# 72
3) Pyridine	4.33	79	102481	36.589	ng	# 75
4) n-Nitrosodimethylamine	4.23	42	42320	37.444	ng	# 77
6) Aniline	8.10	93	105965	22.442	ng	90
8) 2-Chlorophenol	8.36	128	141512	43.158	ng	# 81
9) Benzaldehyde	7.91	77	47304	21.406	ng	86
10) Phenol	7.94	94	156199	42.156	ng	92
11) bis(2-Chloroethyl)ether	8.19	93	109632	35.628	ng	# 82
12) 1,3-Dichlorobenzene	8.69	146	156888	38.530	ng	# 93
13) 1,4-Dichlorobenzene	8.85	146	161311	38.782	ng	93
14) 1,2-Dichlorobenzene	9.18	146	151218	38.368	ng	97
15) Benzyl Alcohol	9.04	79	109233	39.649	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.34	45	110921	44.264	ng	81
17) 2-Methylphenol	9.24	107	111297	41.981	ng	96
18) Hexachloroethane	9.94	117	47257	37.512	ng	# 80
19) n-Nitroso-di-n-propylamine	9.63	70	86437	34.487	ng	# 84
20) 3+4-Methylphenols	9.57	107	153288	40.682	ng	95
22) Acetophenone	9.65	105	192210	39.793	ng	# 86
24) Nitrobenzene	10.05	77	120208	42.362	ng	# 84
25) Isophorone	10.58	82	239724	40.446	ng	# 83
26) 2-Nitrophenol	10.78	139	68472	46.022	ng	# 81
27) 2,4-Dimethylphenol	10.81	122	144846	46.265	ng	90
28) bis(2-Chloroethoxy)methane	11.05	93	151040	37.978	ng	95
29) 2,4-Dichlorophenol	11.32	162	165179	44.942	ng	91
30) 1,2,4-Trichlorobenzene	11.55	180	177680	39.593	ng	97
31) Naphthalene	11.75	128	417839	39.823	ng	98
32) Benzoic acid	10.90	122	50983	27.244	ng	# 79
33) 4-Chloroaniline	11.84	127	106311	22.758	ng	# 89
34) Hexachlorobutadiene	12.02	225	120057	38.968	ng	97
35) Caprolactam	12.58	113	53032	47.601	ng	# 40
36) 4-Chloro-3-methylphenol	12.91	107	146484	43.154	ng	# 81
37) 2-Methylnaphthalene	13.30	142	346190	40.700	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.66	216	240969	39.240	ng	# 96
40) Hexachlorocyclopentadiene	13.63	237	310002	95.693	ng	92

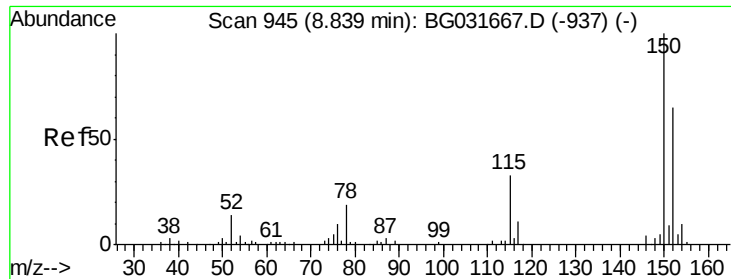
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	154902	43.751	ng	97
43) 2,4,5-Trichlorophenol	13.95	196	166715	42.489	ng	# 91
45) 1,1'-Biphenyl	14.28	154	495567	39.798	ng	97
46) 2-Chloronaphthalene	14.33	162	371608	39.125	ng	96
47) 2-Nitroaniline	14.52	65	71458	43.562	ng	# 64
48) Acenaphthylene	15.17	152	572421	37.672	ng	99
49) Dimethylphthalate	14.87	163	497079	38.702	ng	99
50) 2,6-Dinitrotoluene	15.00	165	103017	43.600	ng	# 65
51) Acenaphthene	15.50	154	380043	38.190	ng	95
52) 3-Nitroaniline	15.33	138	68012	29.504	ng	# 76
53) 2,4-Dinitrophenol	15.53	184	38915	42.704	ng	# 58
54) Dibenzofuran	15.83	168	603943	39.591	ng	97
55) 4-Nitrophenol	15.60	139	168695	89.913	ng	# 70
56) 2,4-Dinitrotoluene	15.77	165	143103	47.102	ng	# 62
57) Fluorene	16.48	166	486372	39.248	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	178598	46.654	ng	# 84
59) Diethylphthalate	16.21	149	487490	38.942	ng	95
60) 4-Chlorophenyl-phenylether	16.45	204	293396	38.694	ng	95
61) 4-Nitroaniline	16.48	138	96933	43.091	ng	81
62) Azobenzene	16.75	77	316874	39.470	ng	82
64) 4,6-Dinitro-2-methylphenol	16.52	198	43293	27.838	ng	# 68
65) n-Nitrosodiphenylamine	16.67	169	461064	36.844	ng	99
66) 4-Bromophenyl-phenylether	17.35	248	217788	39.972	ng	95
67) Hexachlorobenzene	17.47	284	223494	40.126	ng	# 90
68) Atrazine	17.59	200	200397	41.184	ng	97
69) Pentachlorophenol	17.81	266	288714	75.362	ng	100
70) Phenanthrene	18.22	178	825903	38.733	ng	98
71) Anthracene	18.30	178	851156	39.571	ng	99
72) Carbazole	18.56	167	746865	39.230	ng	99
73) Di-n-butylphthalate	19.07	149	819746	38.745	ng	98
74) Fluoranthene	20.17	202	1049355	40.107	ng	96
76) Benzidine	20.33	184	378692	27.787	ng	98
77) Pyrene	20.53	202	1067769	37.859	ng	97
79) Butylbenzylphthalate	21.40	149	373164	39.413	ng	# 75
80) Benzo(a)anthracene	22.51	228	1094650	38.974	ng	100
81) 3,3'-Dichlorobenzidine	22.39	252	301826	27.717	ng	# 98
82) Chrysene	22.58	228	1034611	38.932	ng	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	535160	39.014	ng	# 98
84) Di-n-octyl phthalate	23.76	149	934347	40.445	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.66	276	1436455	42.134	ng	# 88
87) Benzo(b)fluoranthene	25.08	252	1181342	39.194	ng	# 97
88) Benzo(k)fluoranthene	25.16	252	1176570	39.005	ng	# 97
89) Benzo(a)pyrene	26.11	252	1174651	40.692	ng	# 96
90) Dibenzo(a,h)anthracene	30.74	278	1197743	40.175	ng	96
91) Benzo(g,h,i)perylene	30.66	276	1436455	40.809	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

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BNA_G

ClientSampleId :

PB105312BS

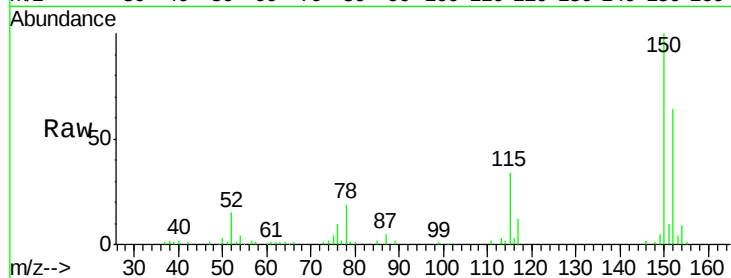
Tgt Ion:152 Resp: 51485

Ion Ratio Lower Upper

152 100

150 155.3 126.6 189.8

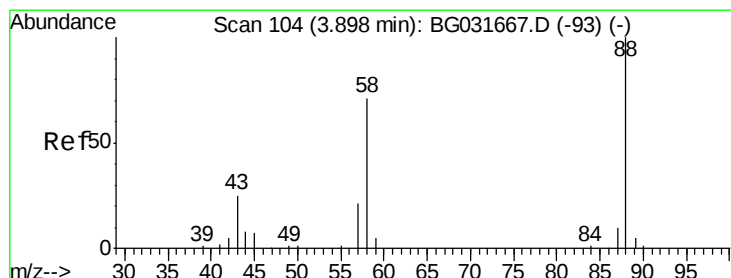
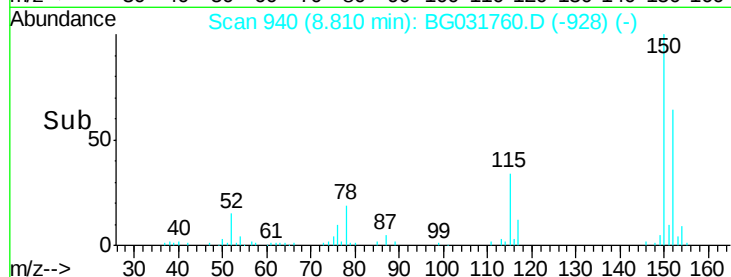
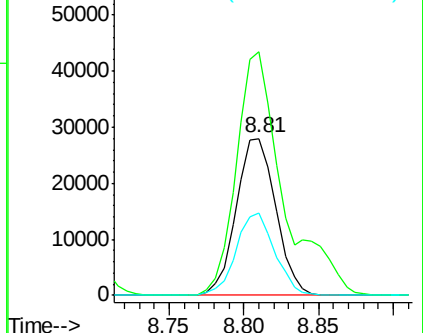
115 52.9 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.533 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

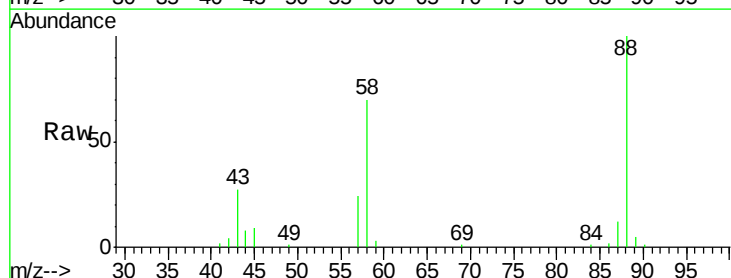
Tgt Ion: 88 Resp: 37232

Ion Ratio Lower Upper

88 100

58 68.1 79.6 119.4#

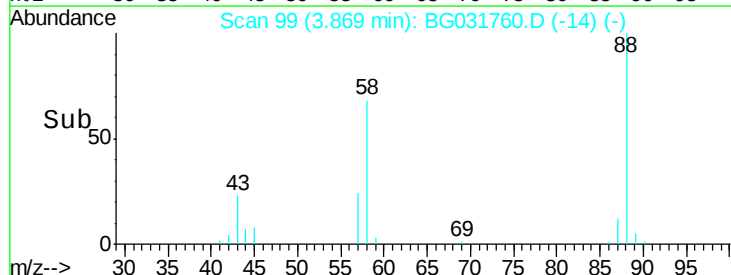
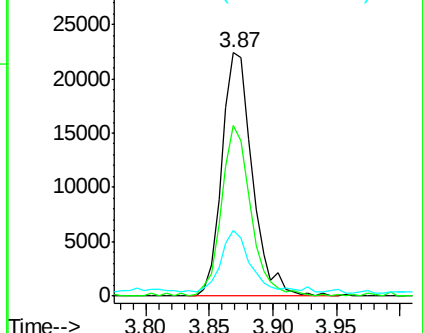
43 24.2 27.4 41.0#

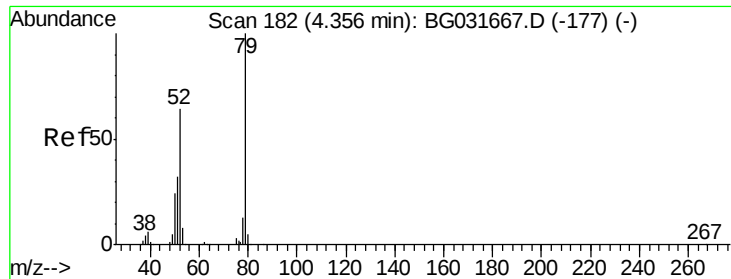


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.589 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

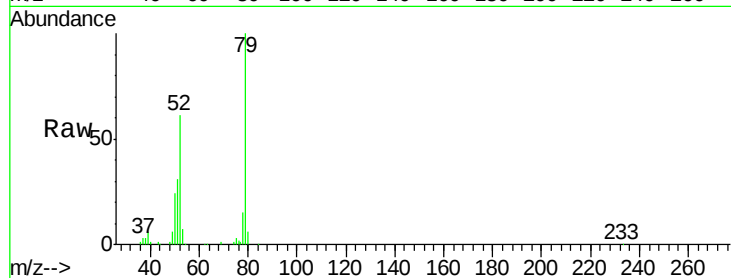
Tgt Ion: 79 Resp: 102481

Ion Ratio Lower Upper

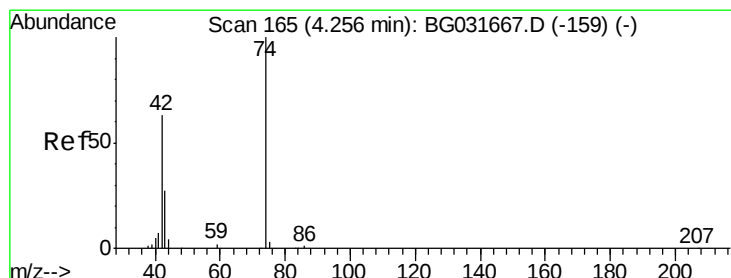
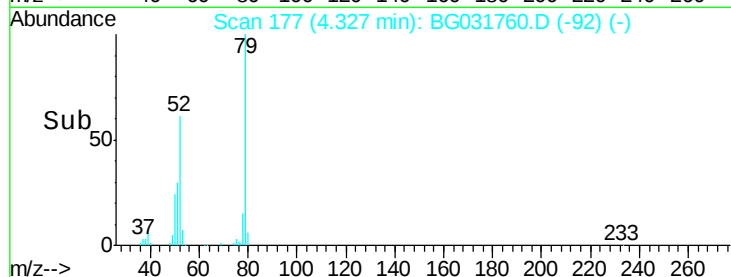
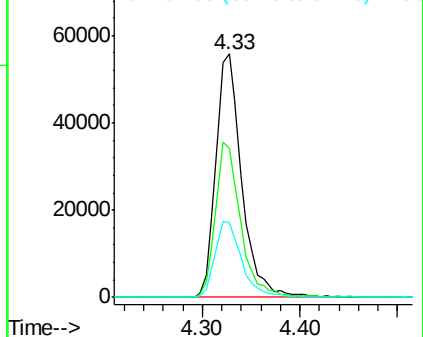
79 100

52 61.0 69.9 104.9#

51 30.7 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 37.444 ng

RT: 4.23 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

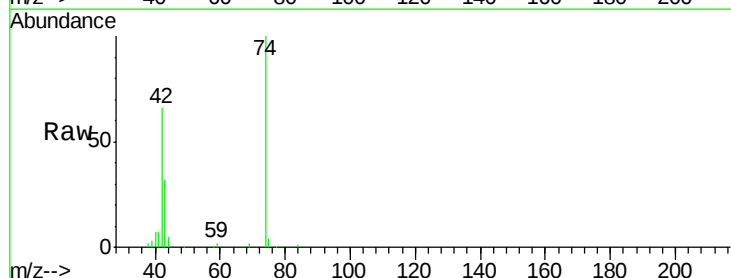
Tgt Ion: 42 Resp: 42320

Ion Ratio Lower Upper

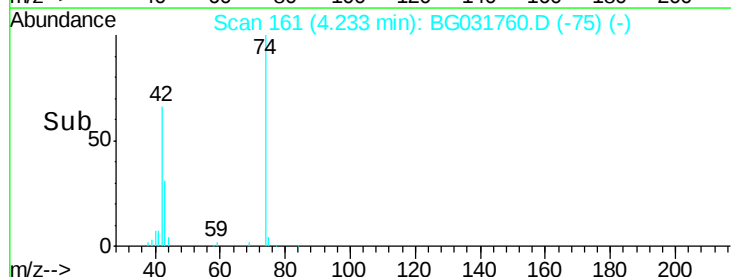
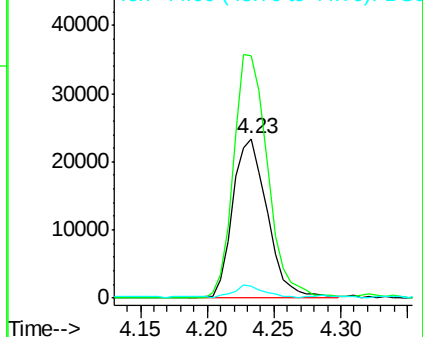
42 100

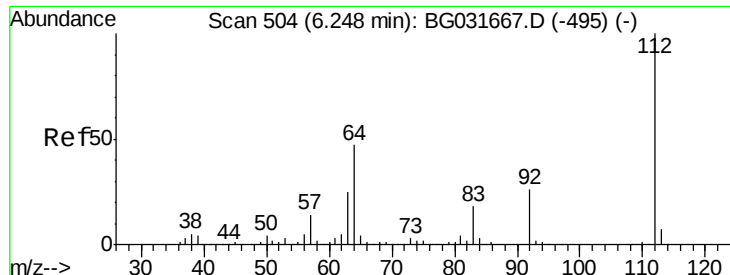
74 152.1 102.5 153.7

44 7.6 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 136.265 ng

RT: 6.23 min Scan# 501

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

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PB105312BS

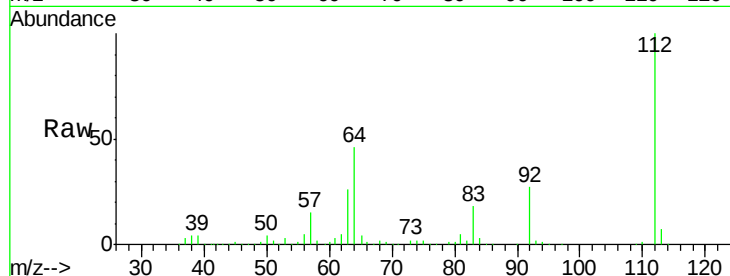
Tgt Ion: 112 Resp: 385180

Ion Ratio Lower Upper

112 100

64 46.2 56.3 84.5#

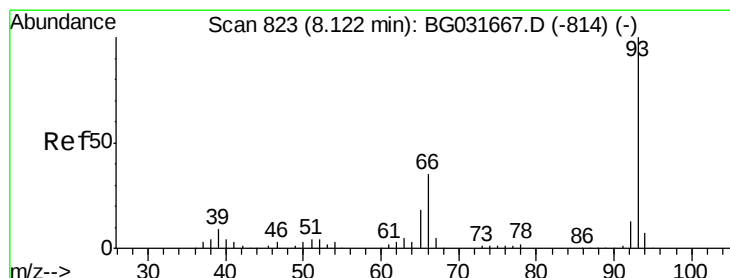
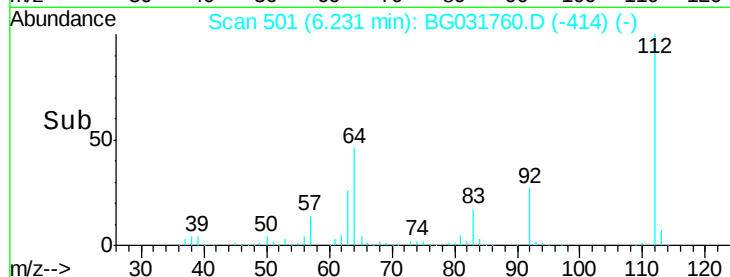
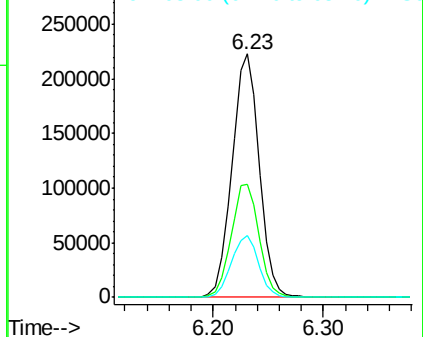
63 25.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.442 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

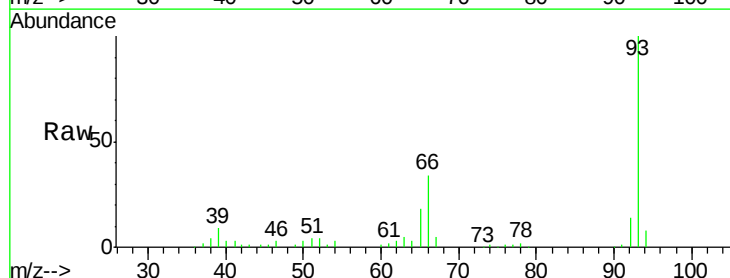
Tgt Ion: 93 Resp: 105965

Ion Ratio Lower Upper

93 100

66 33.8 33.7 50.5

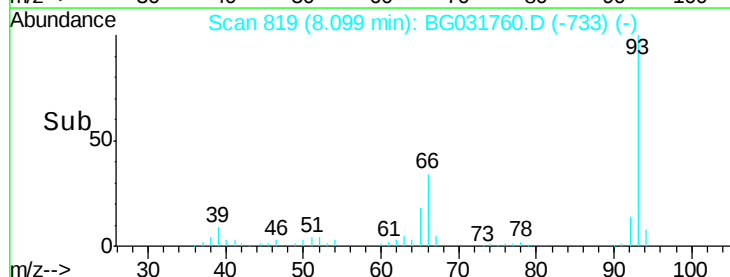
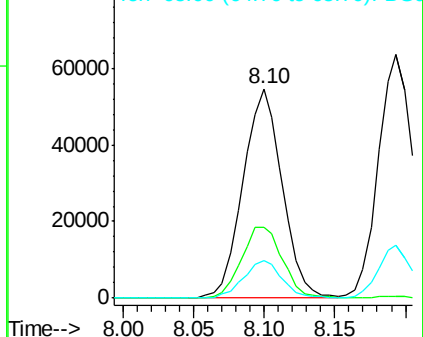
65 17.9 16.1 24.1

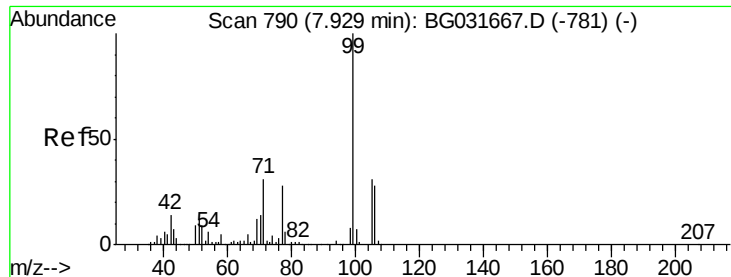


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.053 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

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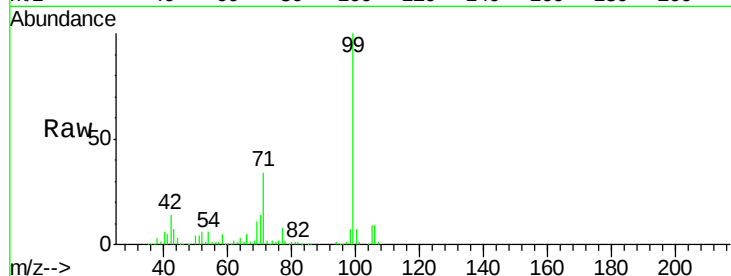
Tgt Ion: 99 Resp: 477292

Ion Ratio Lower Upper

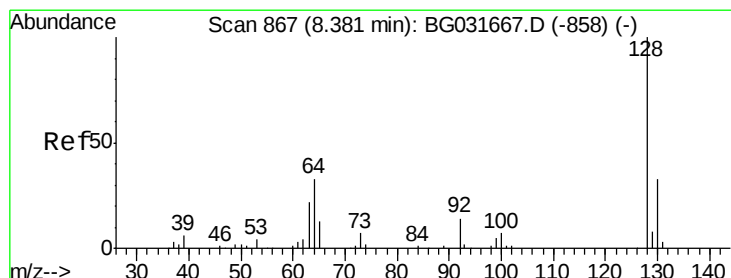
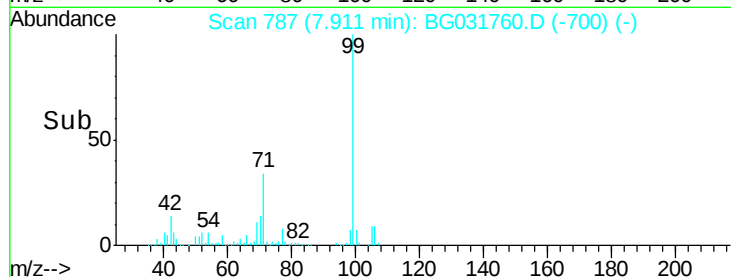
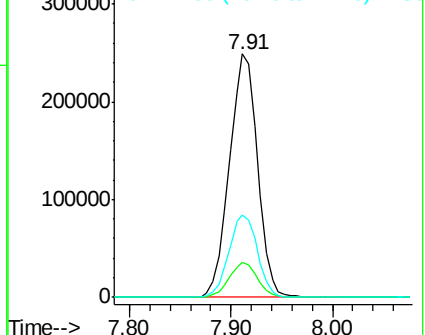
99 100

42 14.2 14.1 21.1

71 33.7 26.1 39.1



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



#8

2-Chlorophenol

Concen: 43.158 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

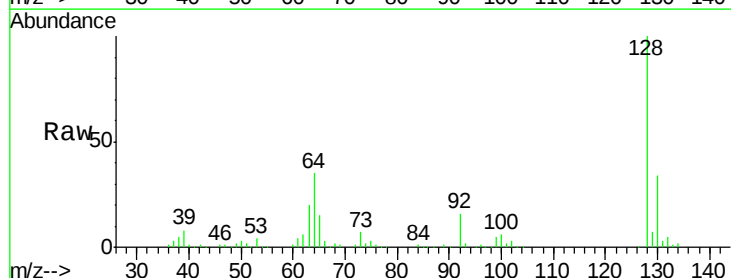
Tgt Ion: 128 Resp: 141512

Ion Ratio Lower Upper

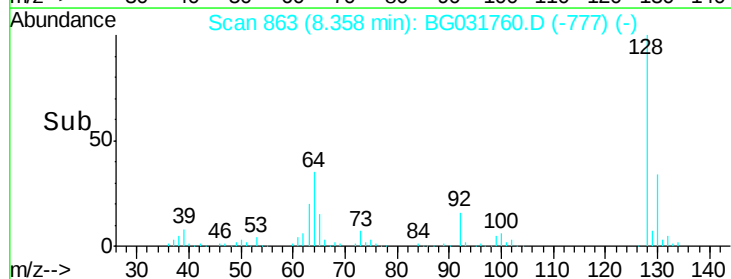
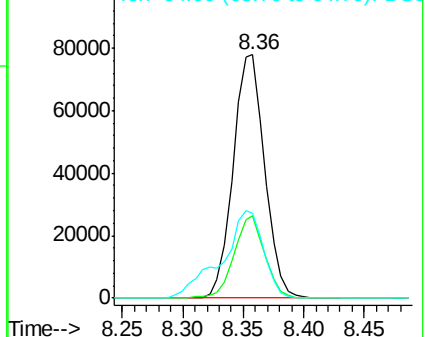
128 100

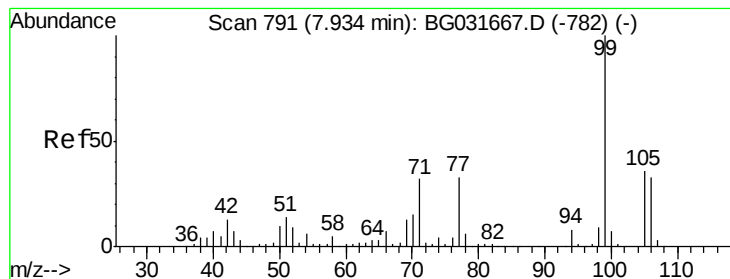
130 33.7 14.0 54.0

64 35.1 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: 21.406 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

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ClientSampleId :

PB105312BS

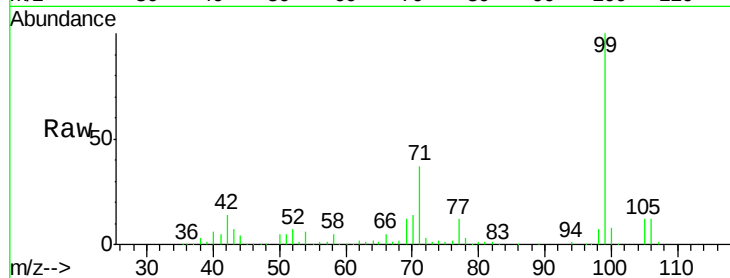
Tgt Ion: 77 Resp: 47304

Ion Ratio Lower Upper

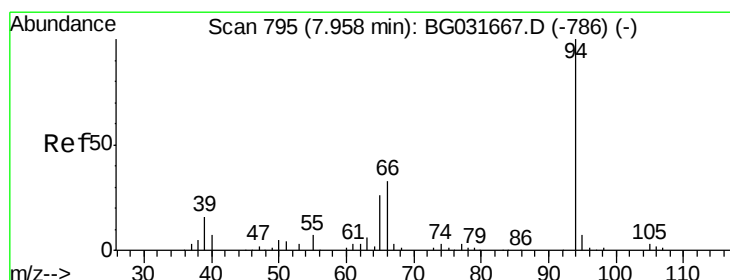
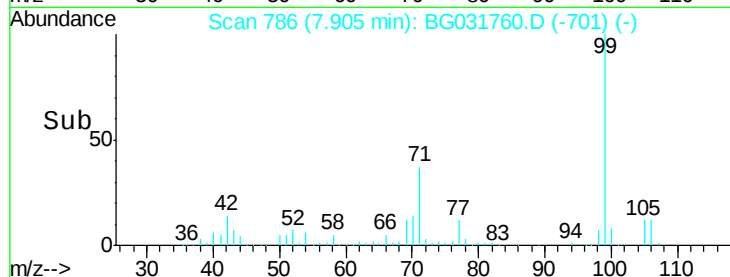
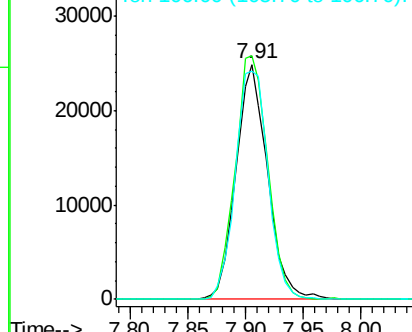
77 100

105 103.6 71.3 111.3

106 97.2 64.2 104.2



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



#10

Phenol

Concen: 42.156 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

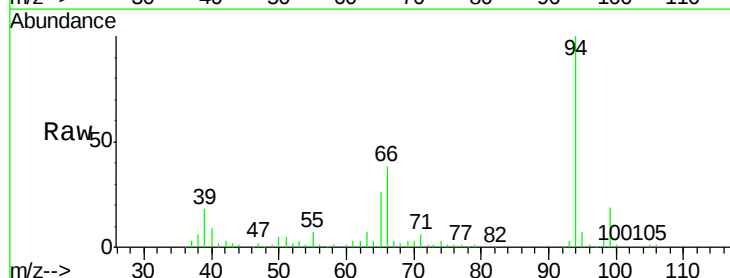
Tgt Ion: 94 Resp: 156199

Ion Ratio Lower Upper

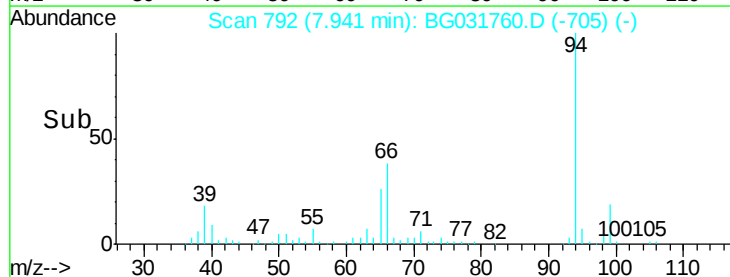
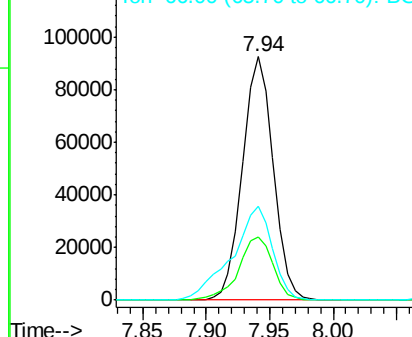
94 100

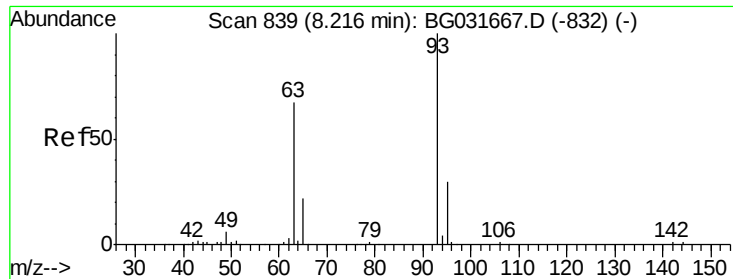
65 26.0 11.9 51.9

66 38.3 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

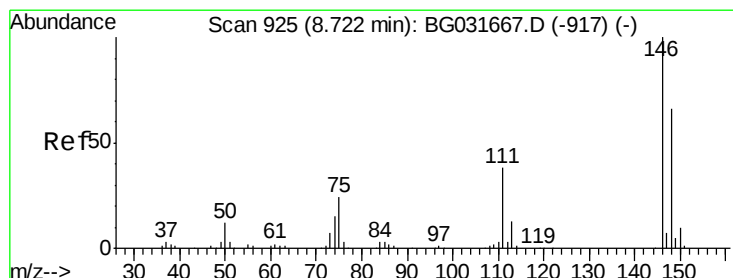
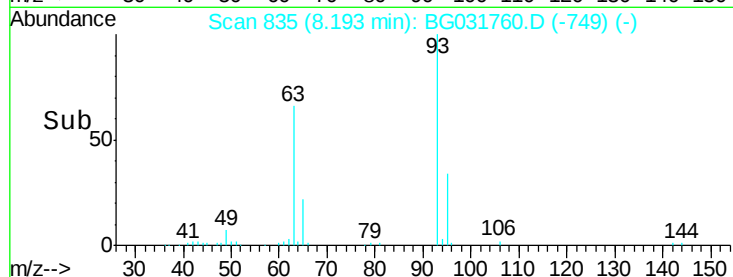
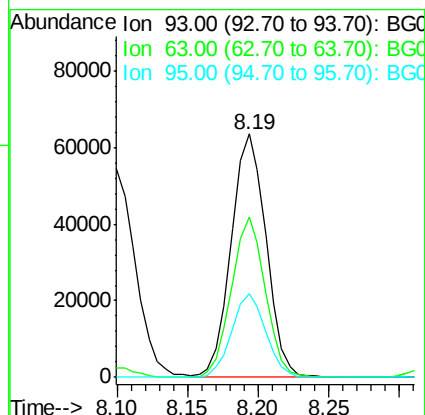
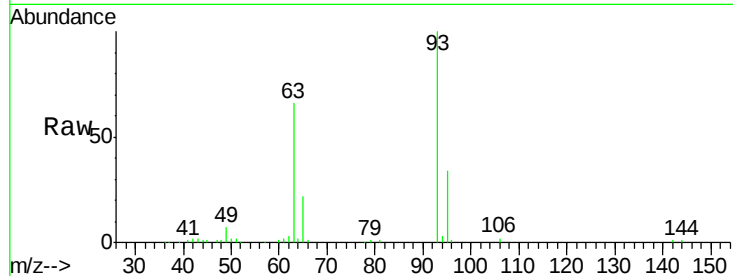




#11
bis(2-Chloroethyl)ether
Concen: 35.628 ng
RT: 8.19 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

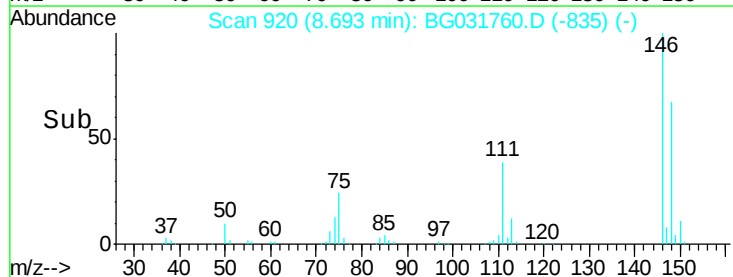
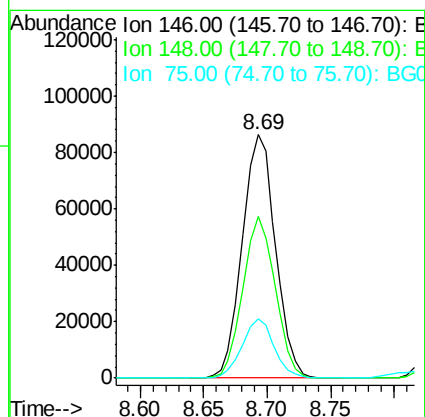
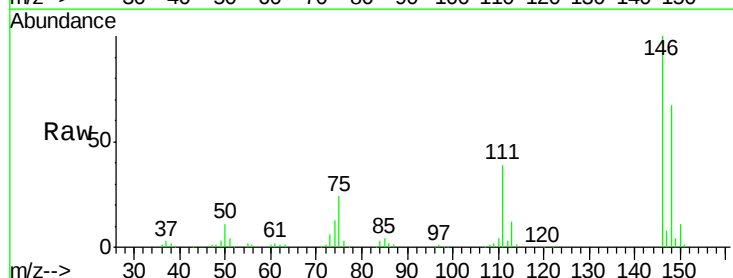
Instrument :
BNA_G
ClientSampleId :
PB105312BS

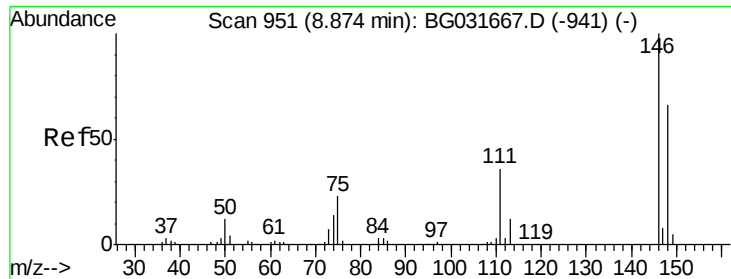
Tgt Ion: 93 Resp: 109632
Ion Ratio Lower Upper
93 100
63 66.0 67.1 107.1#
95 34.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.530 ng
RT: 8.69 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion: 146 Resp: 156888
Ion Ratio Lower Upper
146 100
148 66.7 51.4 77.2
75 24.4 26.6 39.8#

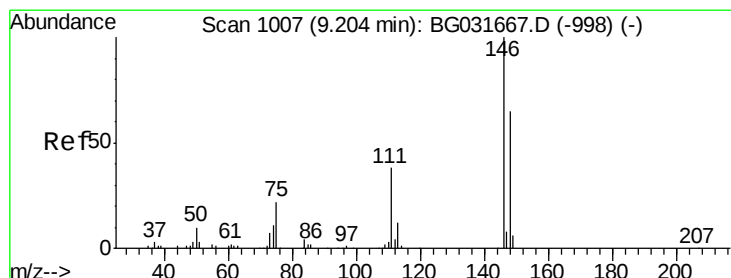
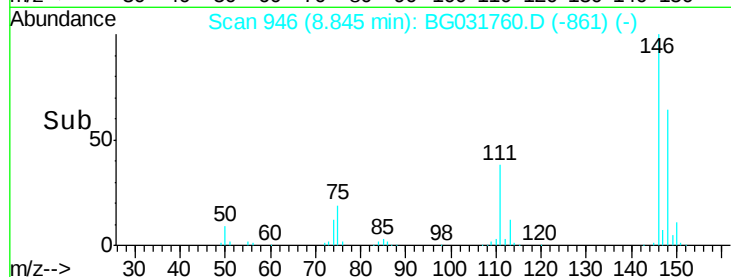
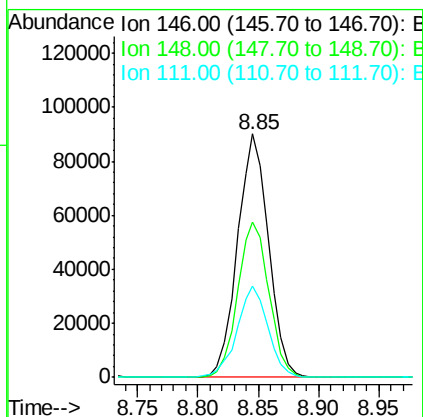
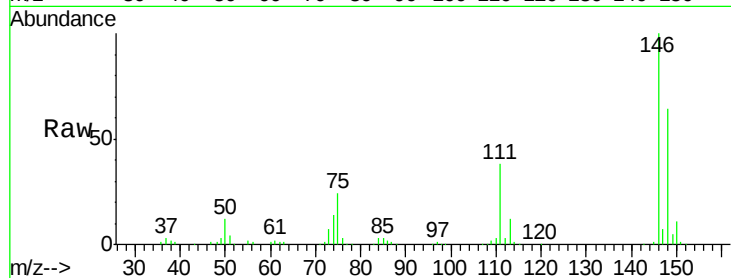




#13
 1,4-Dichlorobenzene
 Concen: 38.782 ng
 RT: 8.85 min Scan# 946
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

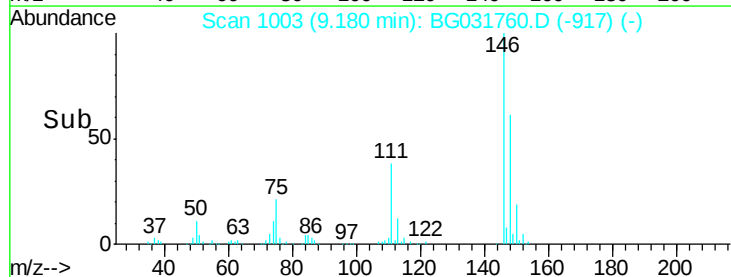
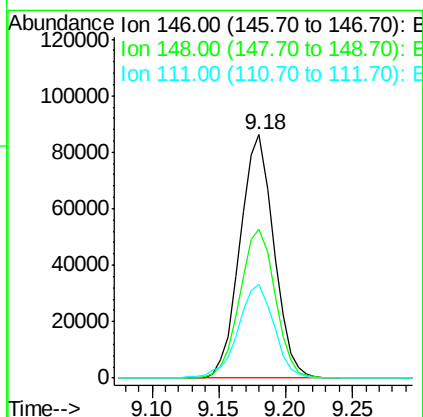
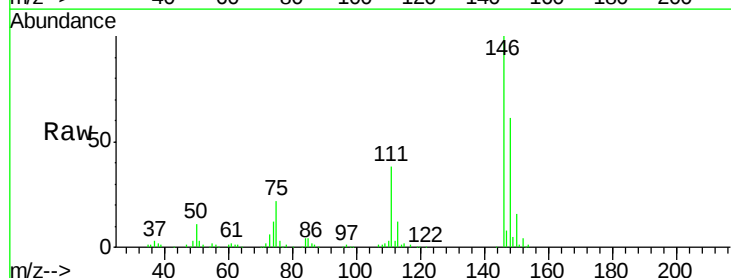
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

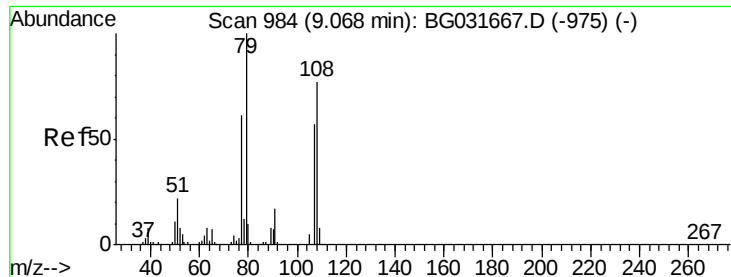
Tgt Ion:146 Resp: 161311
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 37.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 38.368 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion:146 Resp: 151218
 Ion Ratio Lower Upper
 146 100
 148 61.2 49.3 73.9
 111 38.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 39.649 ng

RT: 9.04 min Scan# 979

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

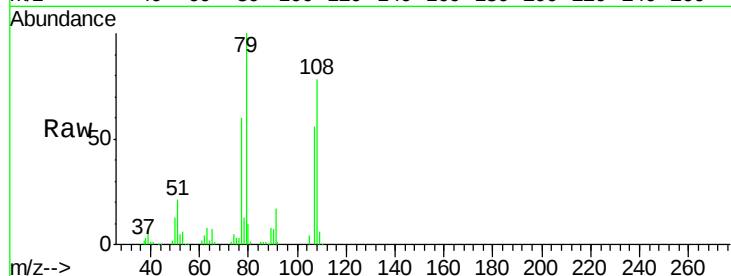
Tgt Ion: 79 Resp: 109233

Ion Ratio Lower Upper

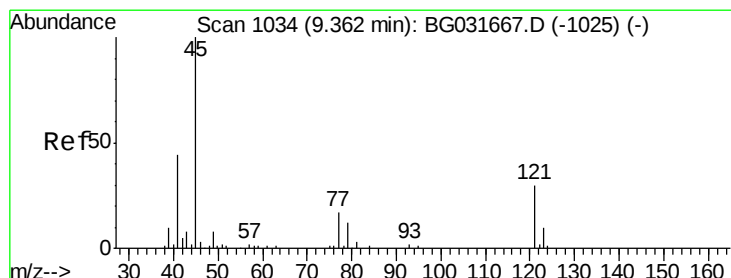
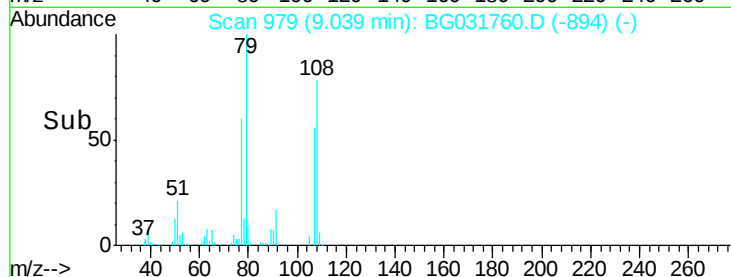
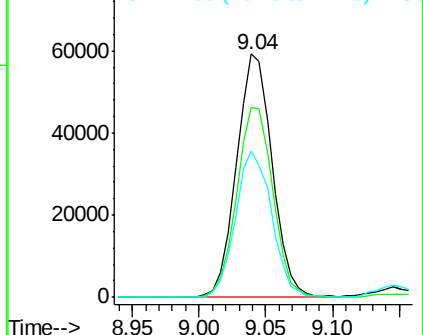
79 100

108 77.9 57.2 85.8

77 60.3 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: 44.264 ng

RT: 9.34 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

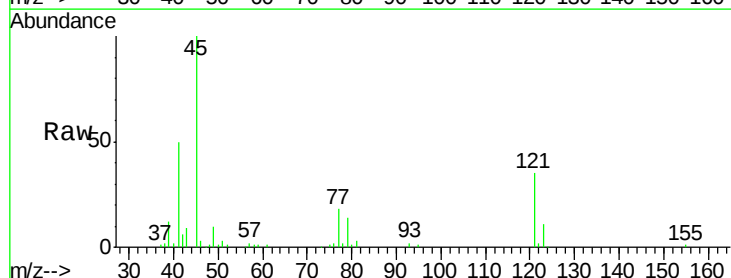
Tgt Ion: 45 Resp: 110921

Ion Ratio Lower Upper

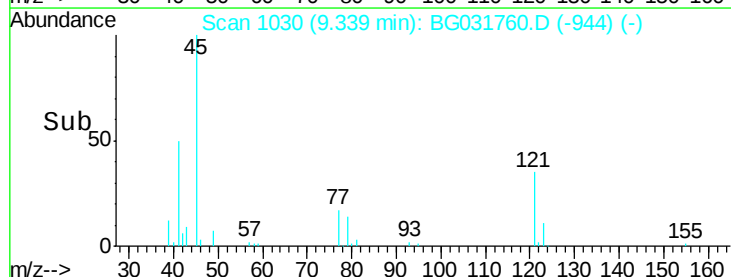
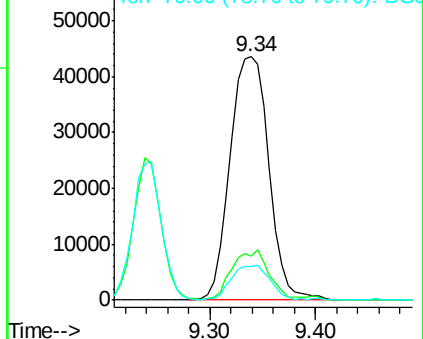
45 100

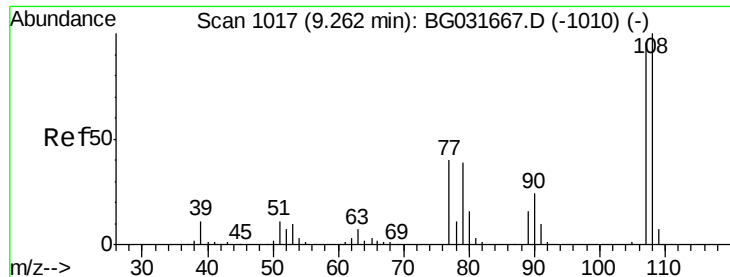
77 17.9 0.0 30.2

79 14.1 0.0 27.9



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

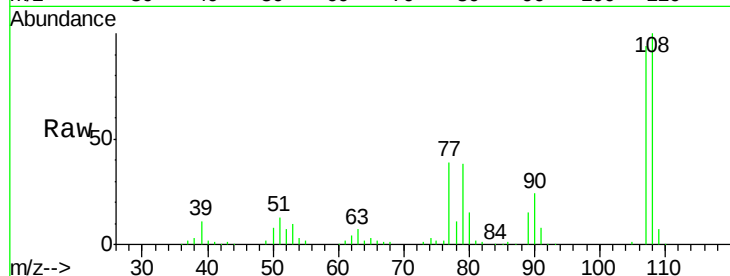




#17
2-Methylphenol
Concen: 41.981 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Instrument :
BNA_G
ClientSampleId :
PB105312BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.0	83.9	125.9
77	41.8	37.2	55.8
79	39.9	36.2	54.2



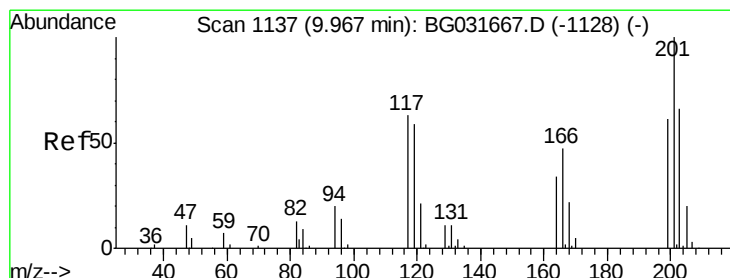
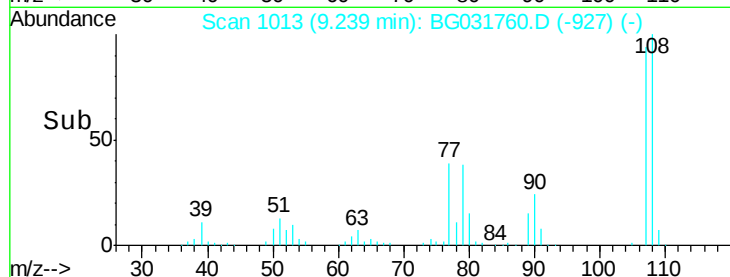
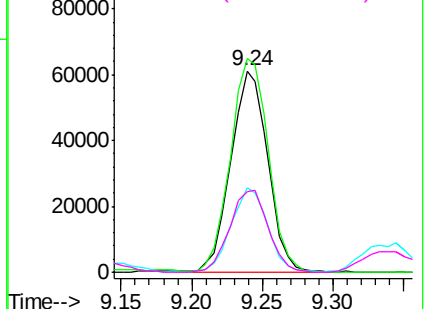
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

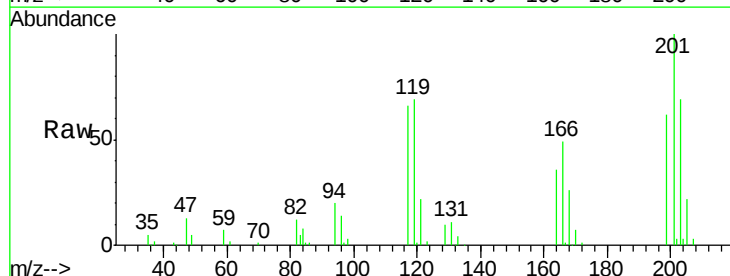
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.512 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.2	76.7	115.1
201	151.8	95.7	143.5

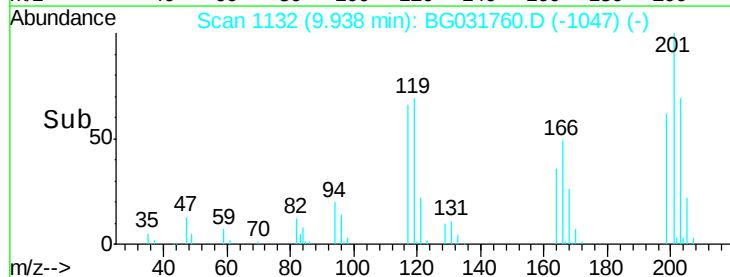
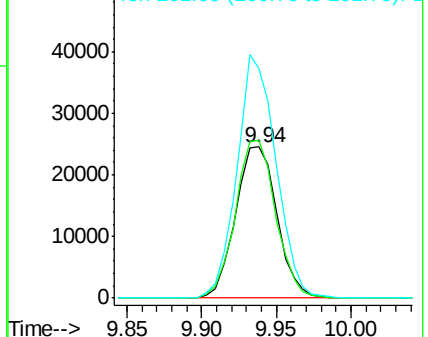


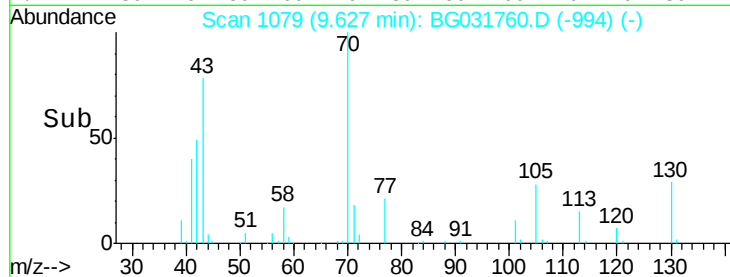
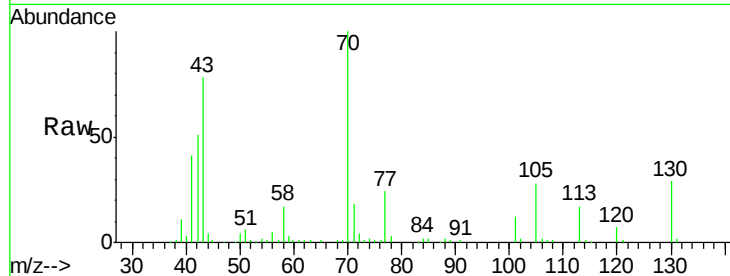
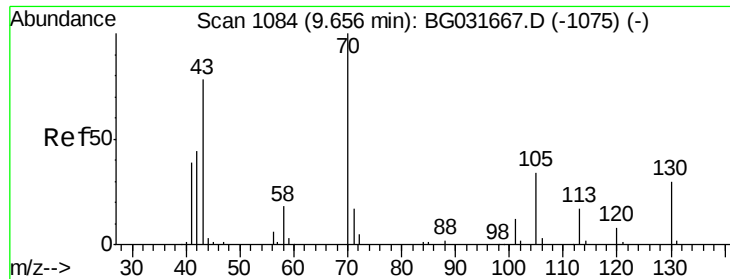
Abundance

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

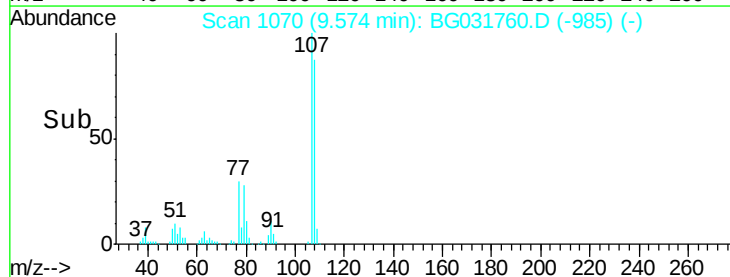
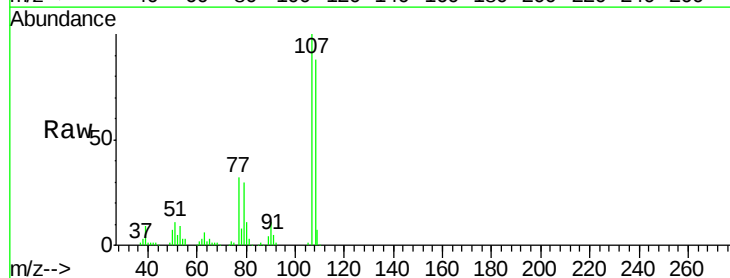
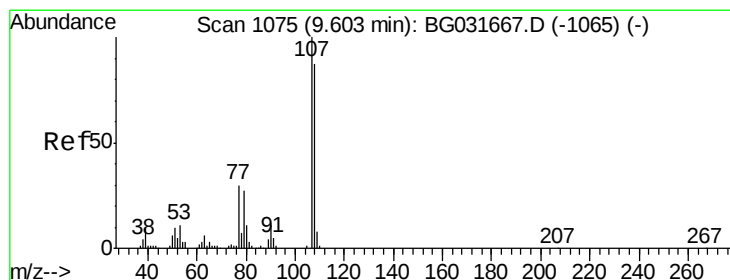
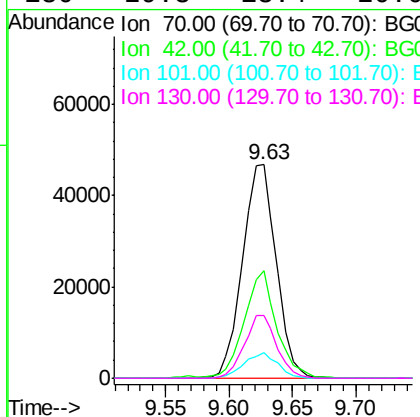




#19
n-Nitroso-di-n-propylamine
Concen: 34.487 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

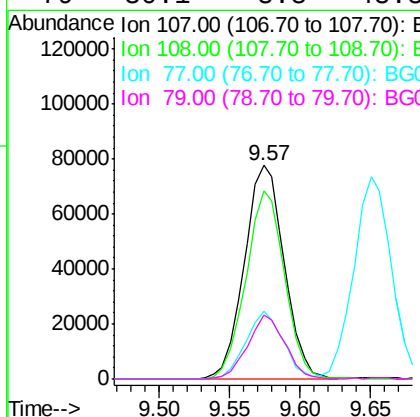
Instrument :
BNA_G
ClientSampleId :
PB105312BS

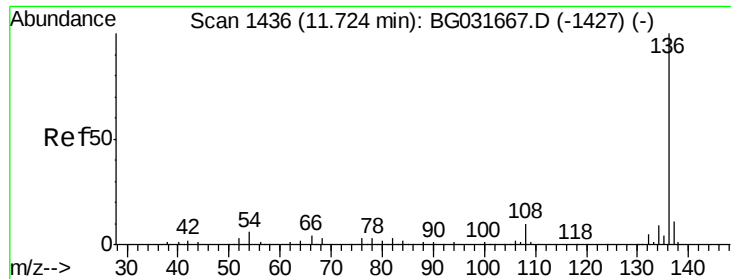
Tgt Ion: 70 Resp: 86437
Ion Ratio Lower Upper
70 100
42 50.6 49.1 73.7
101 11.8 8.5 12.7
130 29.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.682 ng
RT: 9.57 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion: 107 Resp: 153288
Ion Ratio Lower Upper
107 100
108 88.0 61.6 101.6
77 31.8 13.9 53.9
79 30.1 8.8 48.8

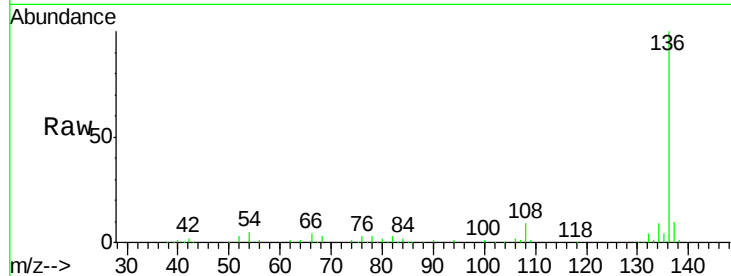




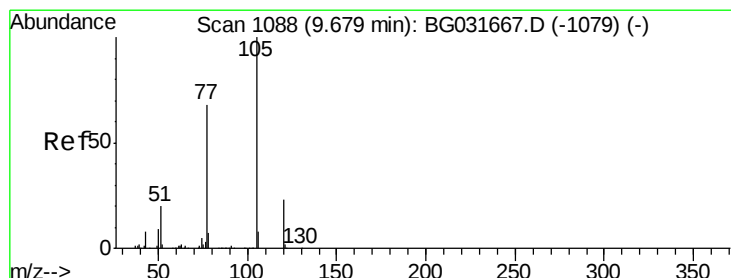
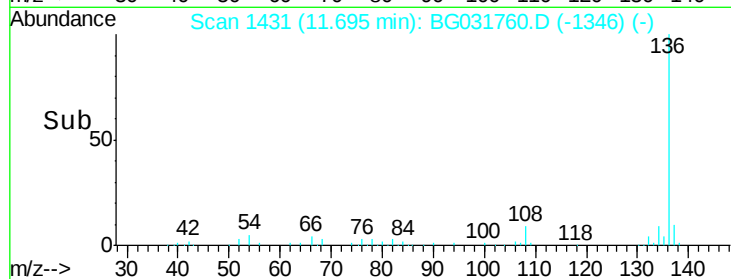
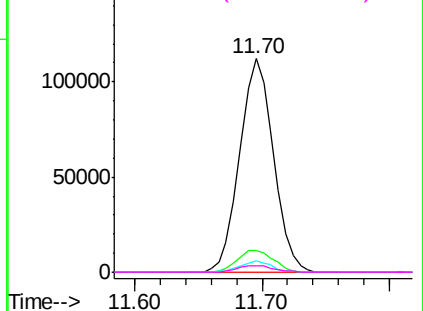
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.70 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Instrument :
BNA_G
ClientSampleId :
PB105312BS

Tgt Ion:	136	Resp:	207906
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.3	10.3	15.5#
68	2.8	4.5	6.7#

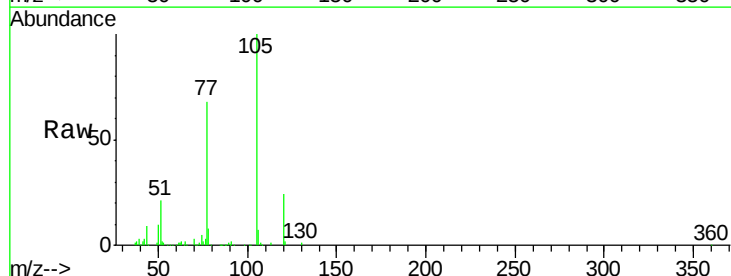


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

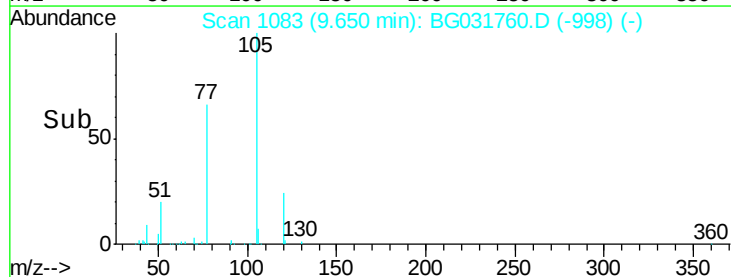
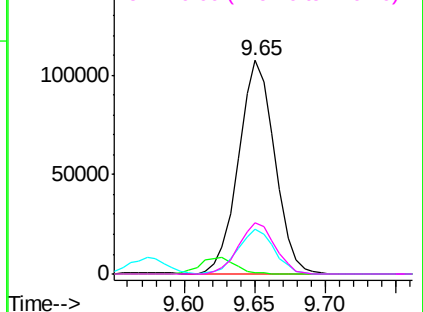


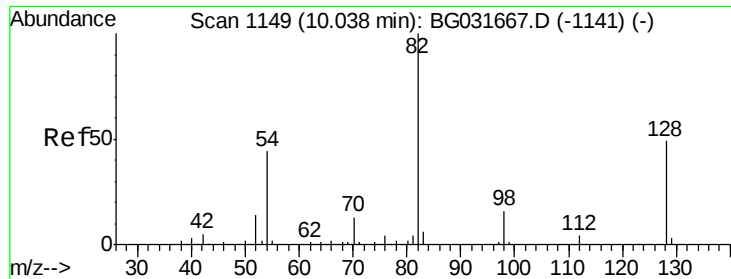
#22
Acetophenone
Concen: 39.793 ng
RT: 9.65 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:	105	Resp:	192210
Ion	Ratio	Lower	Upper
105	100		
71	0.8	3.0	4.4#
51	21.2	26.1	39.1#
120	23.9	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

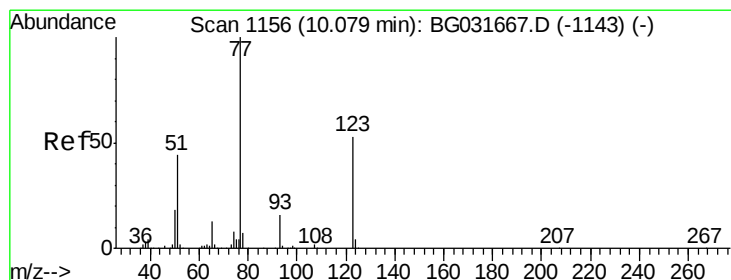
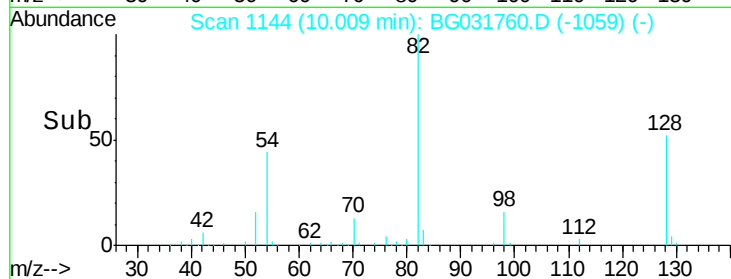
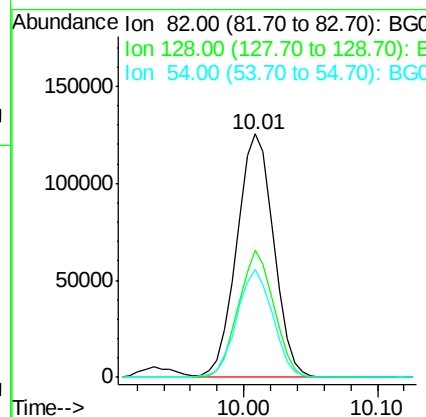
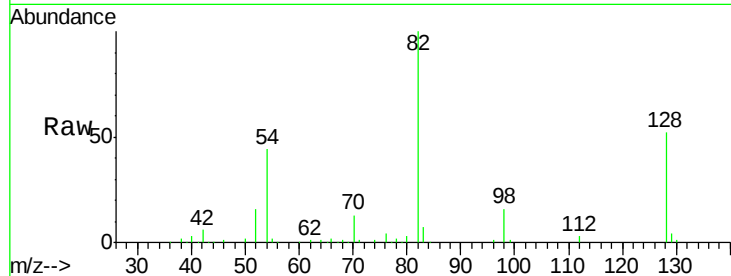




#23
 Nitrobenzene-d5
 Concen: 87.144 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

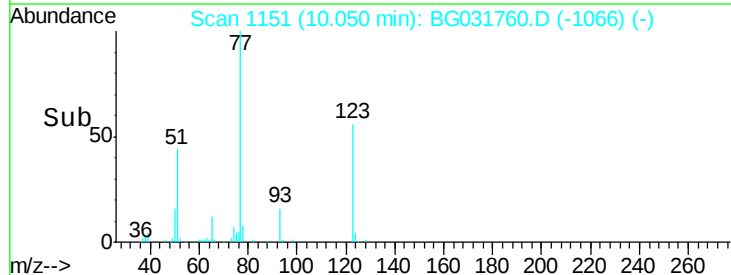
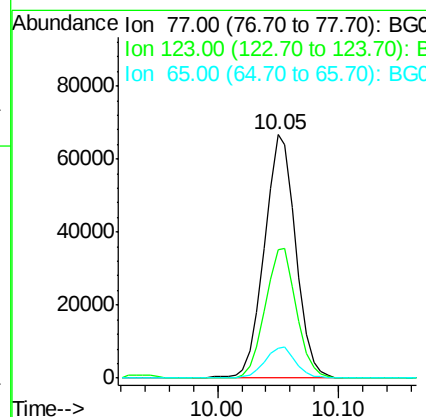
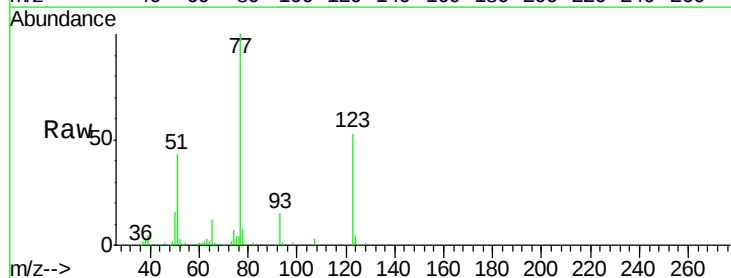
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

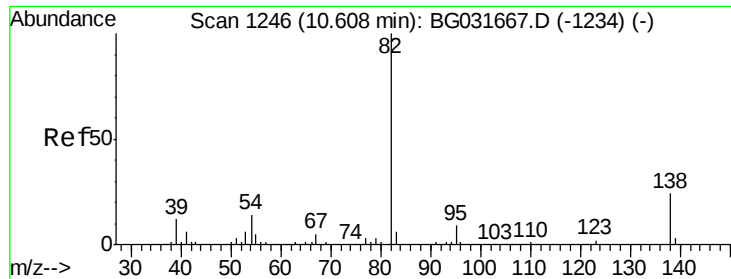
Tgt Ion: 82 Resp: 239931
 Ion Ratio Lower Upper
 82 100
 128 52.4 29.7 44.5#
 54 44.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 42.362 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion: 77 Resp: 120208
 Ion Ratio Lower Upper
 77 100
 123 52.8 33.0 49.6#
 65 12.1 13.0 19.6#





#25

Isophorone

Concen: 40.446 ng

RT: 10.58 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

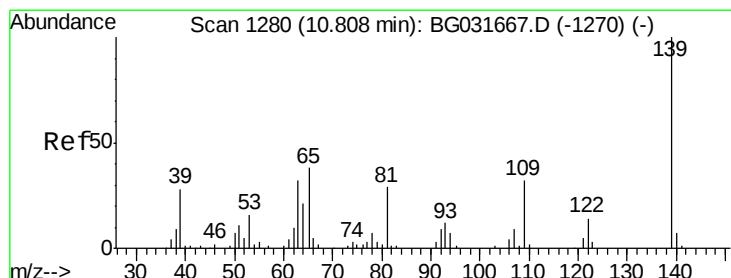
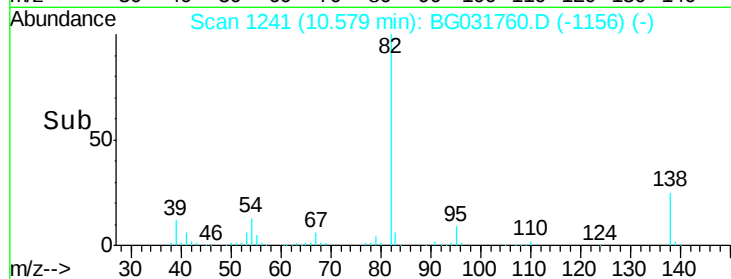
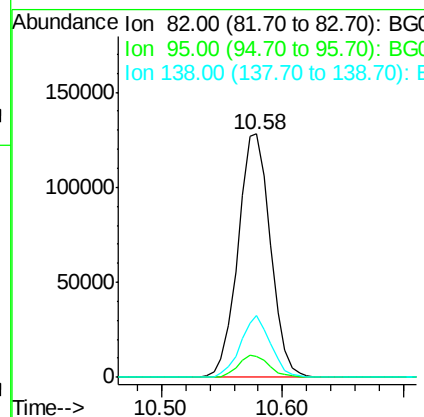
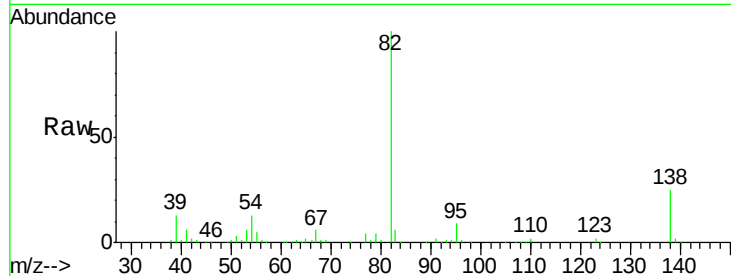
Tgt Ion: 82 Resp: 239724

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

138 25.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.022 ng

RT: 10.78 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

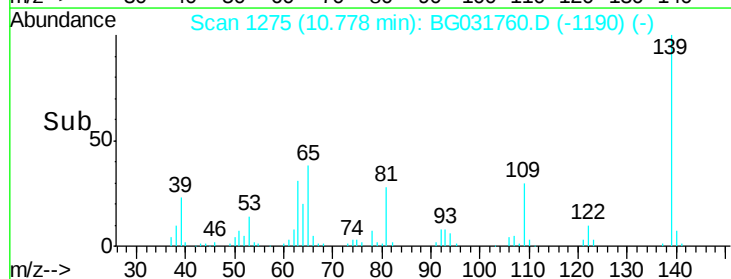
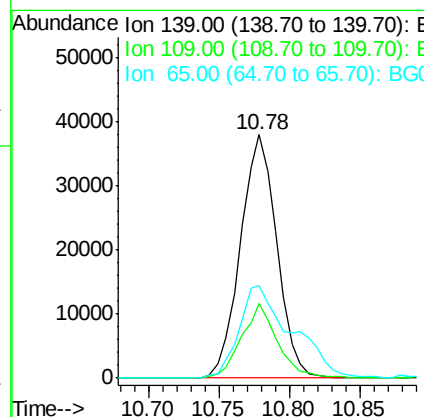
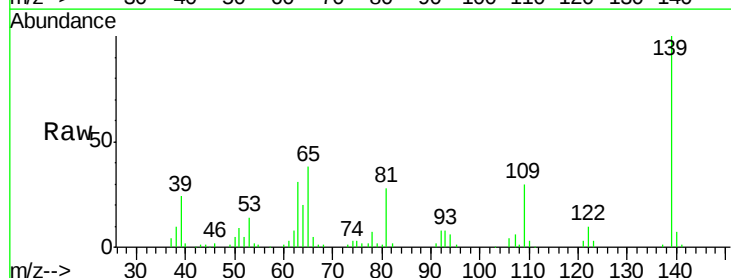
Tgt Ion: 139 Resp: 68472

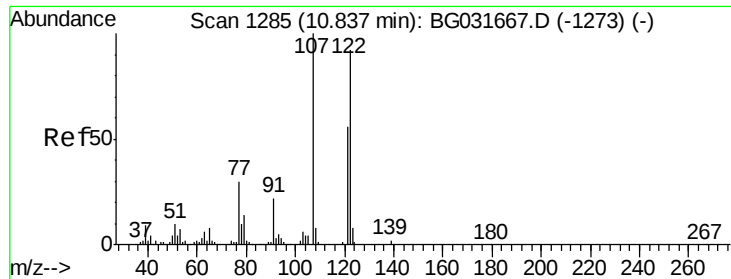
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 38.0 47.4 71.0#

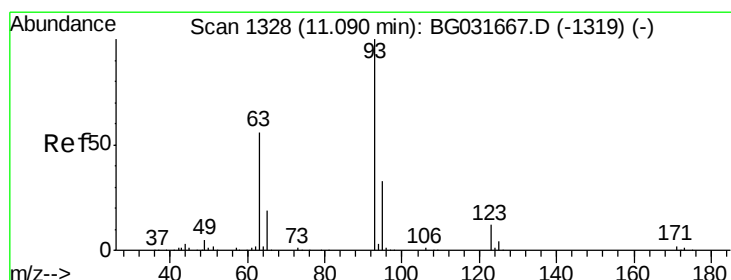
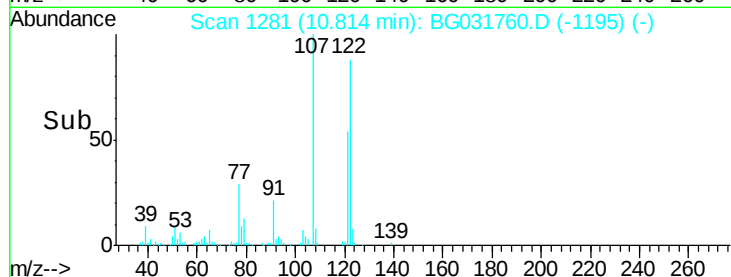
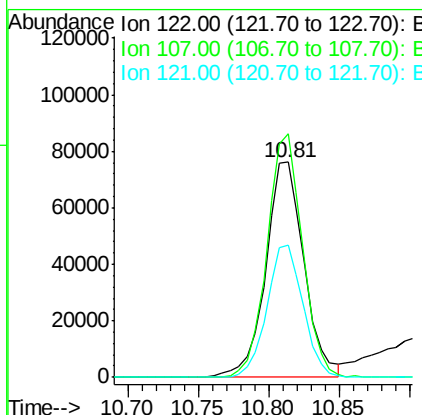
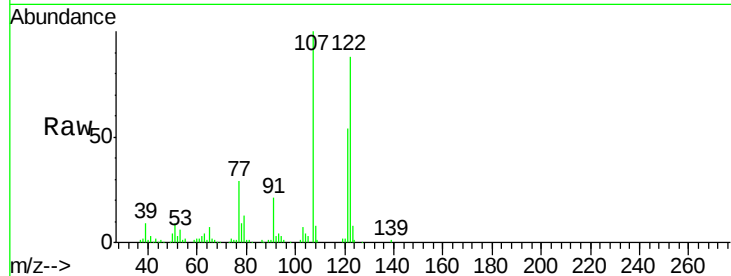




#27
 2,4-Dimethylphenol
 Concen: 46.265 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

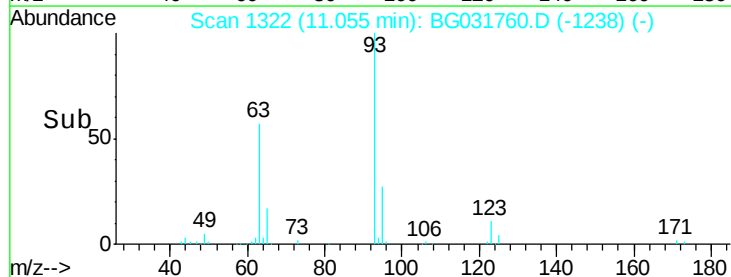
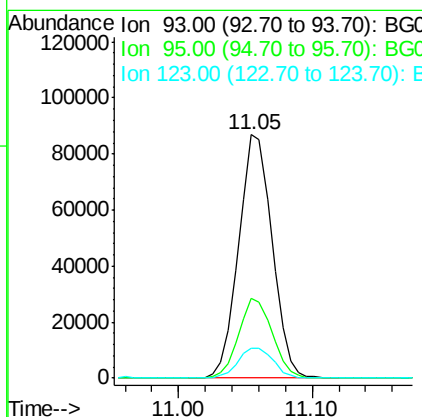
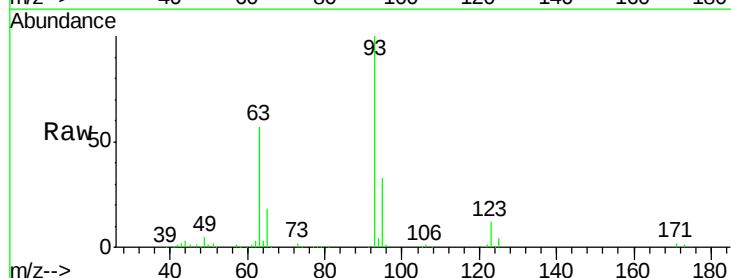
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

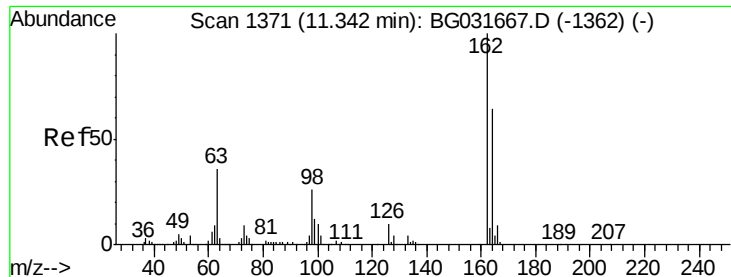
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.2	100.2	150.2
121	61.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.978 ng
 RT: 11.05 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.3	36.5
123	12.3	8.4	12.6

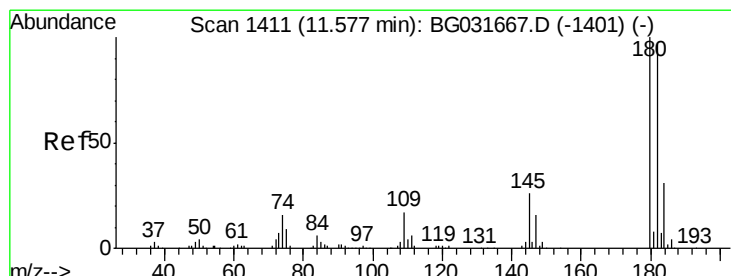
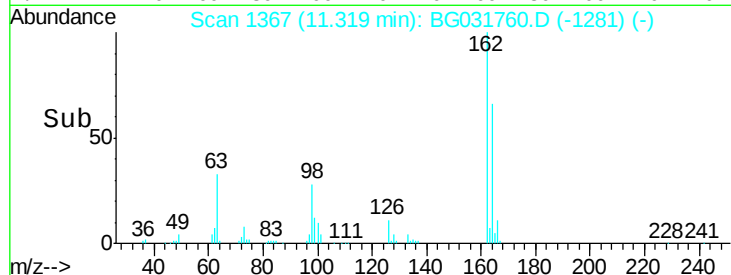
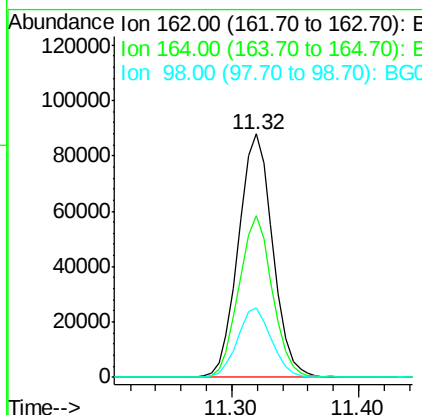
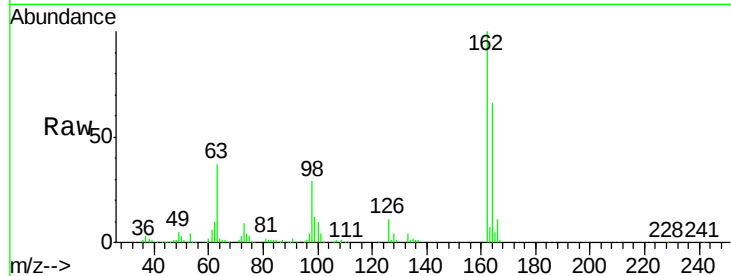




#29
2,4-Dichlorophenol
Concen: 44.942 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

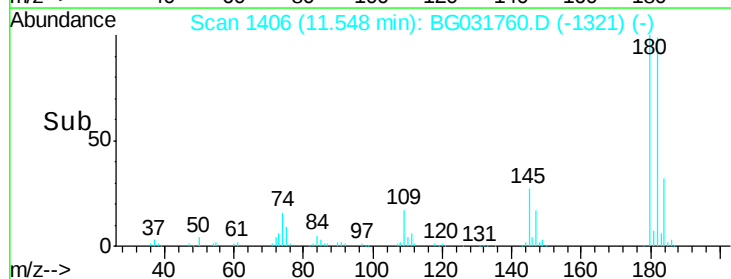
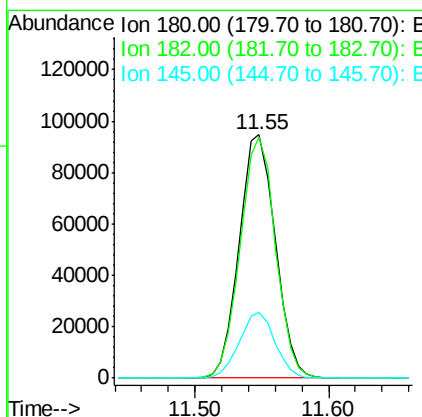
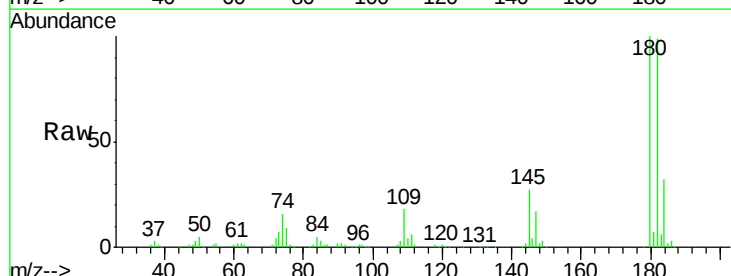
Instrument :
BNA_G
ClientSampleId :
PB105312BS

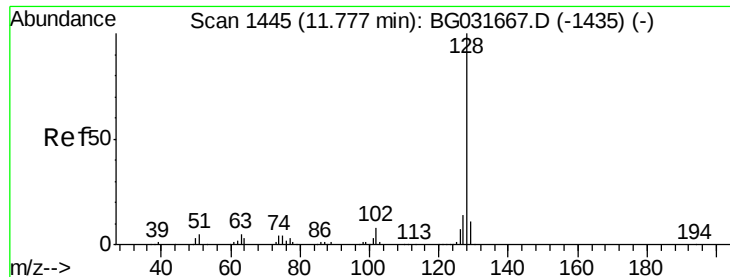
Tgt Ion:162 Resp: 165179
Ion Ratio Lower Upper
162 100
164 66.3 48.0 88.0
98 28.8 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.593 ng
RT: 11.55 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:180 Resp: 177680
Ion Ratio Lower Upper
180 100
182 99.0 77.5 116.3
145 27.1 23.4 35.2

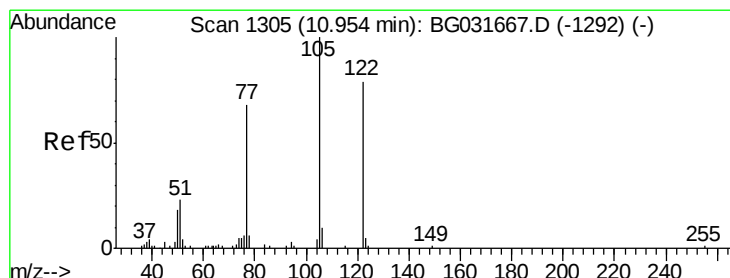
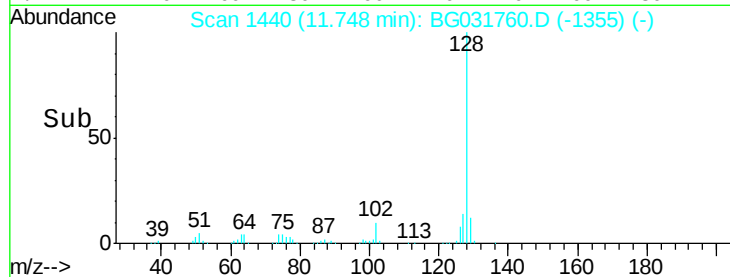
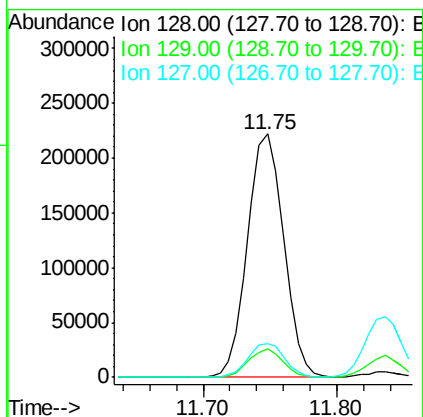
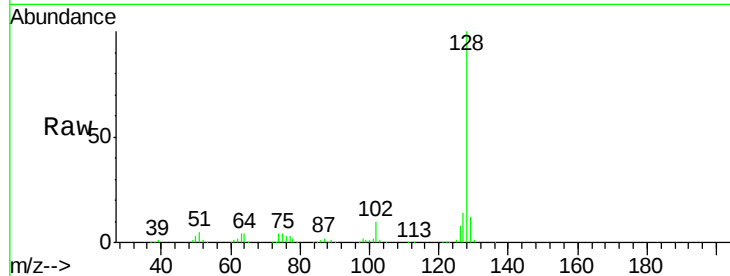




#31
Naphthalene
Concen: 39.823 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

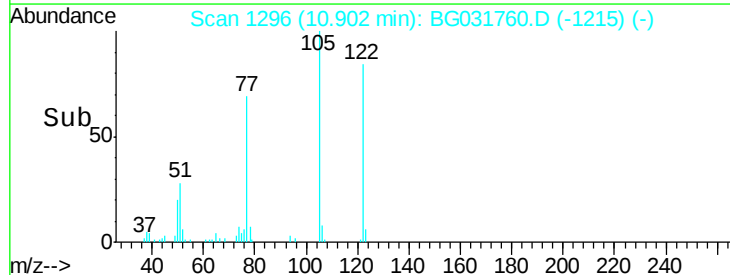
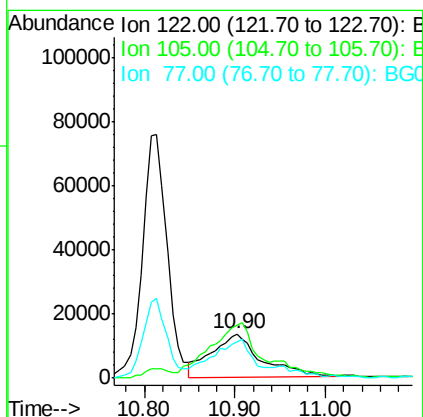
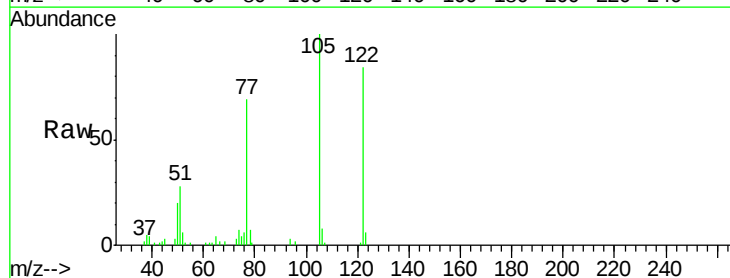
Instrument :
BNA_G
ClientSampleId :
PB105312BS

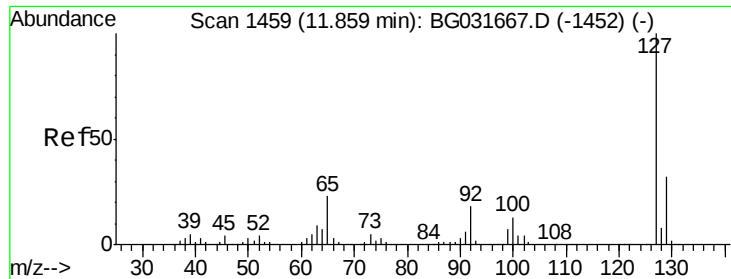
Tgt Ion:	128	Resp:	417839
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.8	11.6	17.4



#32
Benzoic acid
Concen: 27.244 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.05 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:	122	Resp:	50983
Ion	Ratio	Lower	Upper
122	100		
105	118.7	123.5	163.5#
77	81.5	85.7	125.7#

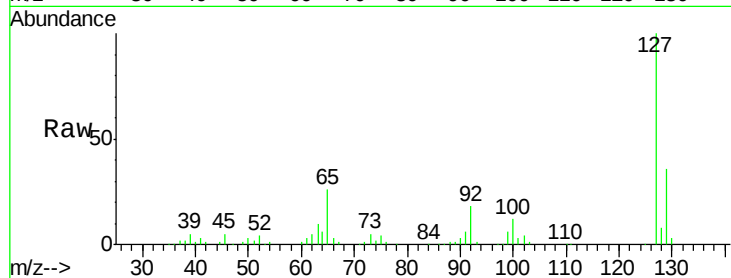




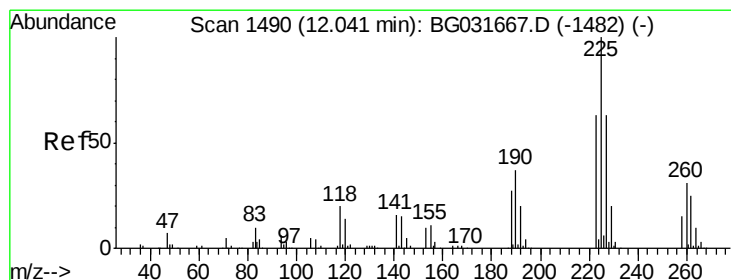
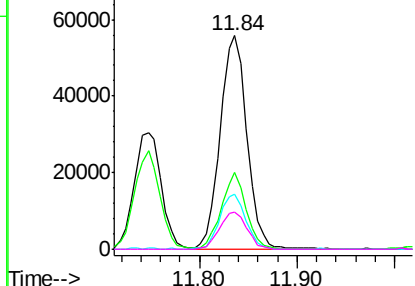
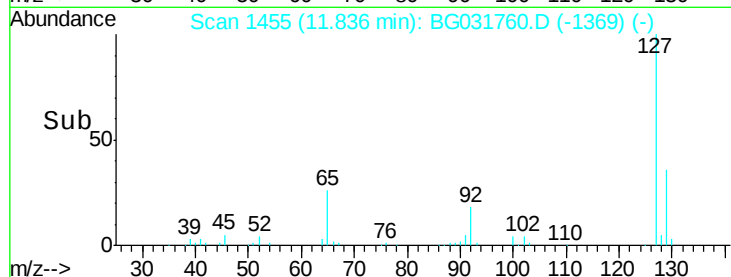
#33
4-Chloroaniline
Concen: 22.758 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Instrument :
BNA_G
ClientSampleId :
PB105312BS

Tgt Ion:	127	Resp:	106311
Ion	Ratio	Lower	Upper
127	100		
129	35.8	24.0	36.0
65	25.8	27.0	40.4#
92	17.6	16.6	25.0

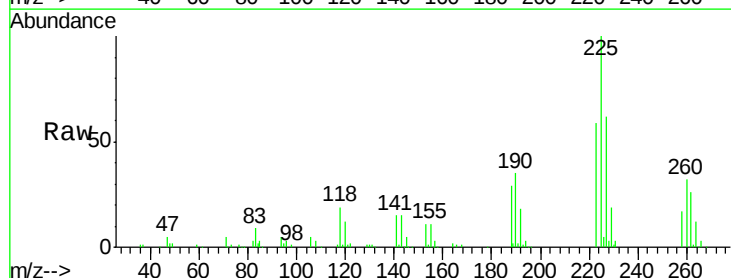


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

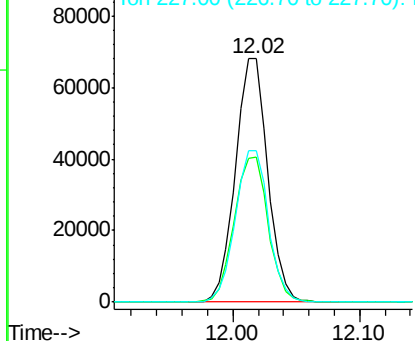
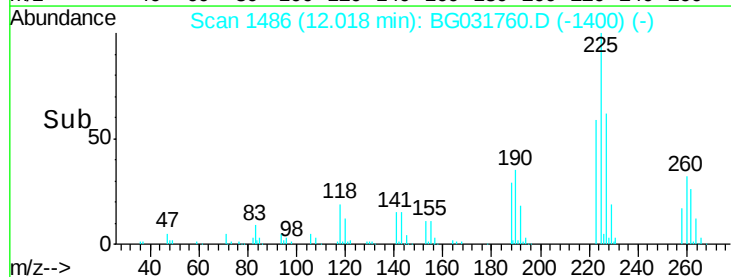


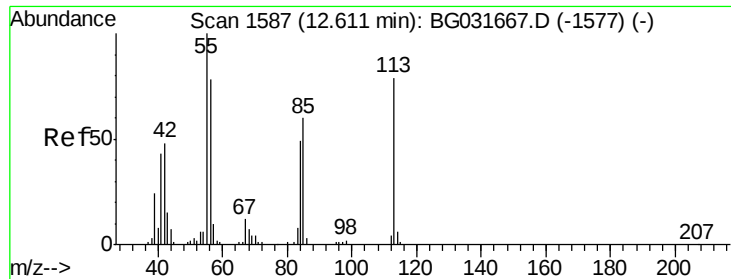
#34
Hexachlorobutadiene
Concen: 38.968 ng
RT: 12.02 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:	225	Resp:	120057
Ion	Ratio	Lower	Upper
225	100		
223	59.5	49.7	74.5
227	62.1	48.1	72.1



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





#35

Caprolactam

Concen: 47.601 ng

RT: 12.58 min Scan# 1582

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

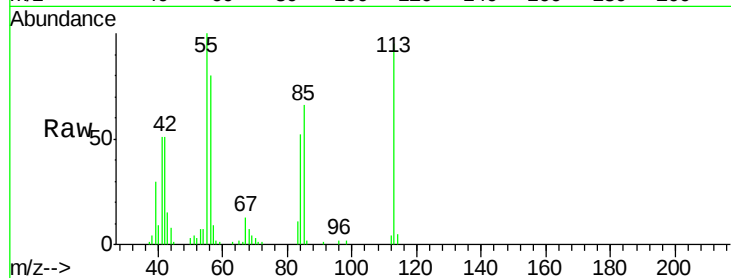
Tgt Ion:113 Resp: 53032

Ion Ratio Lower Upper

113 100

55 105.0 186.9 226.9#

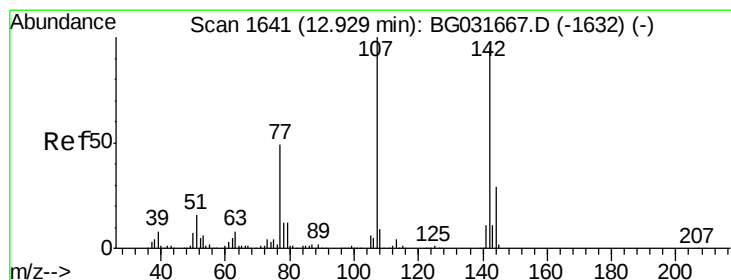
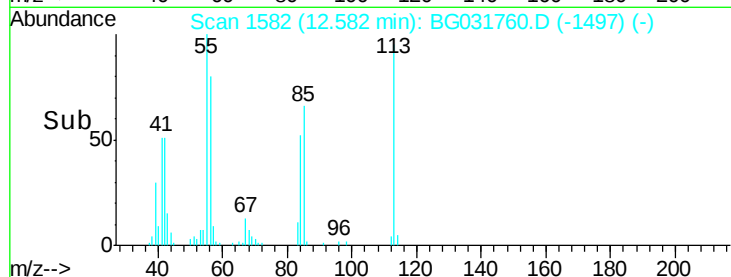
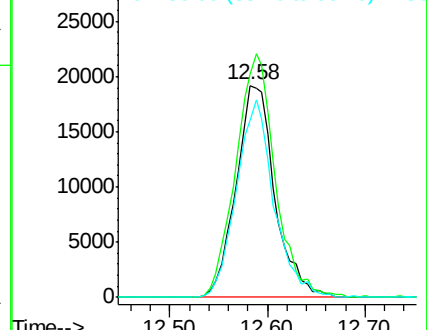
56 83.7 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.154 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

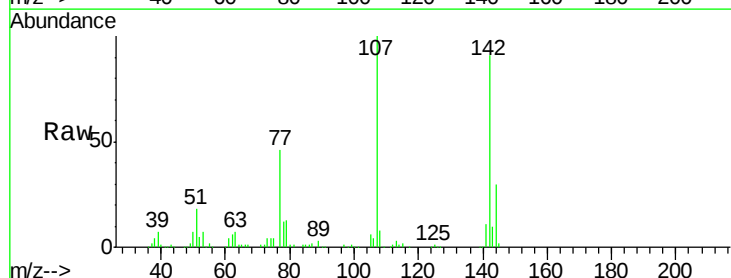
Tgt Ion:107 Resp: 146484

Ion Ratio Lower Upper

107 100

144 29.8 18.2 27.4#

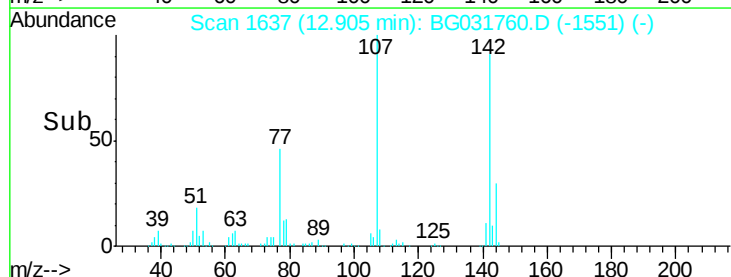
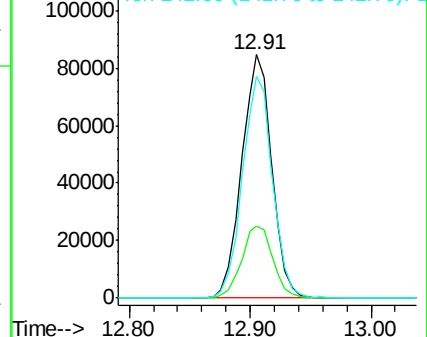
142 91.3 59.0 88.4#

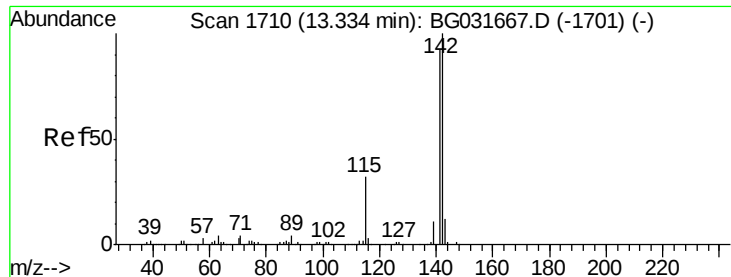


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

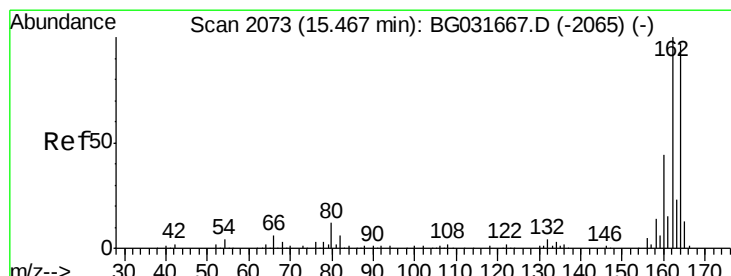
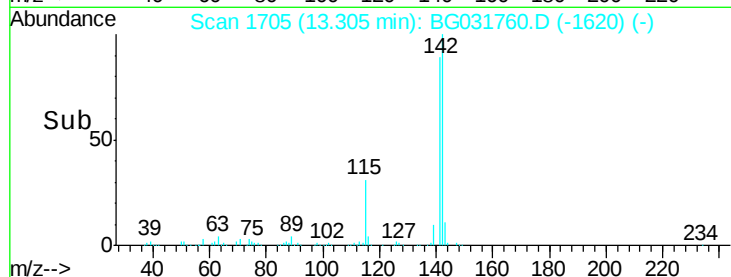
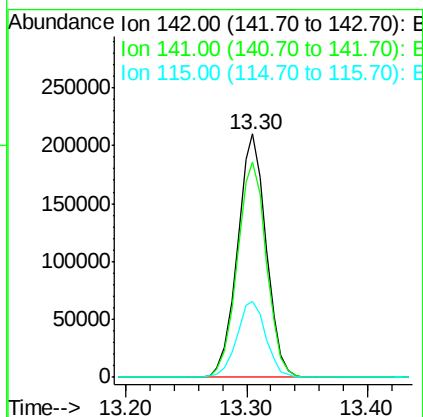
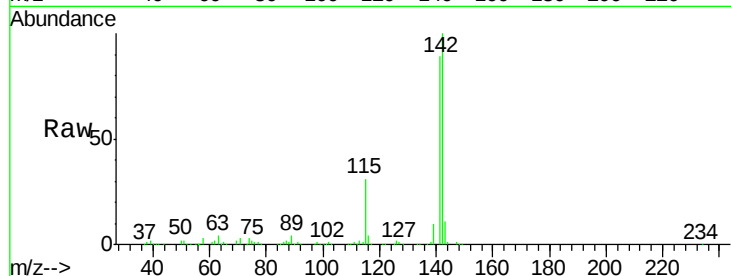




#37
 2-Methylnaphthalene
 Concen: 40.700 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

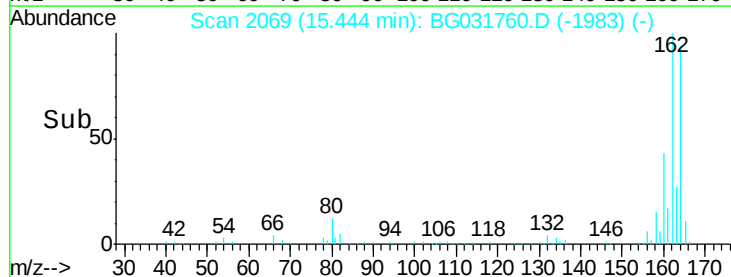
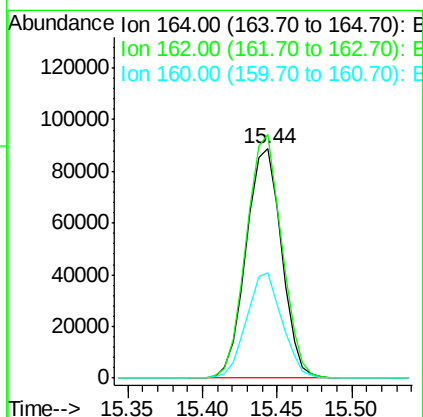
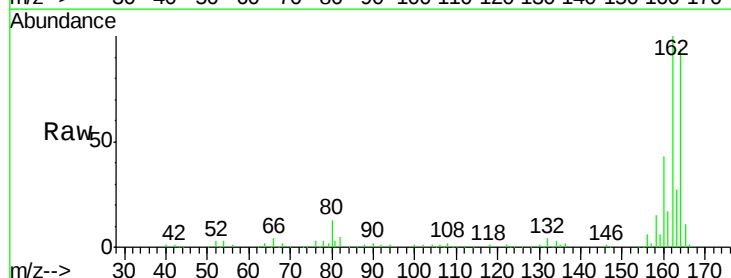
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

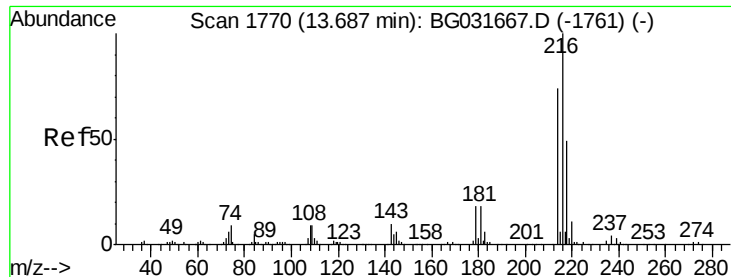
Tgt Ion:142 Resp: 346190
 Ion Ratio Lower Upper
 142 100
 141 88.6 67.1 100.7
 115 31.4 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion:164 Resp: 145792
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.8 118.2
 160 45.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.240 ng

RT: 13.66 min Scan# 1765

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

Tgt Ion:216 Resp: 240969

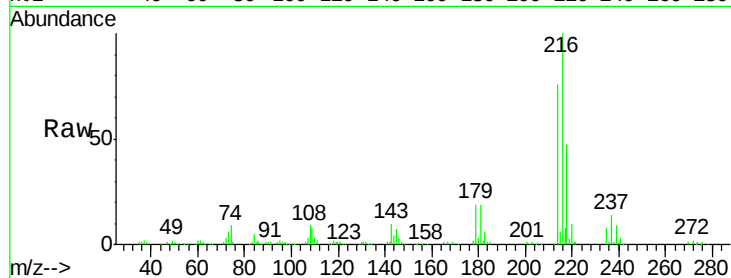
Ion Ratio Lower Upper

216 100

214 76.6 63.0 94.4

179 18.7 17.0 25.6

108 11.7 12.8 19.2#

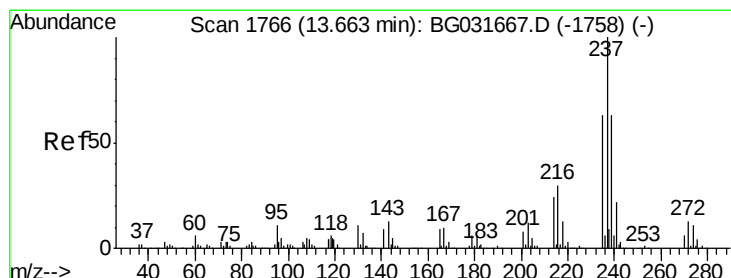
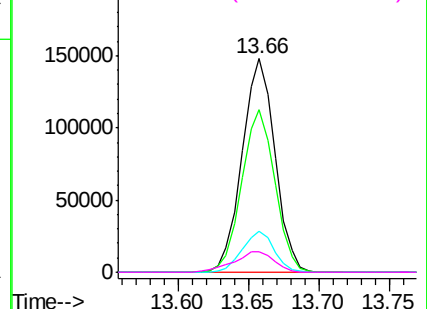
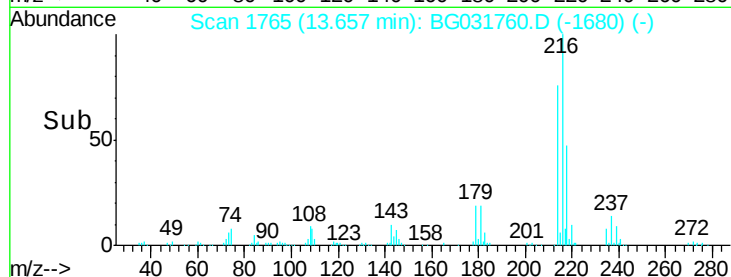


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.693 ng

RT: 13.63 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

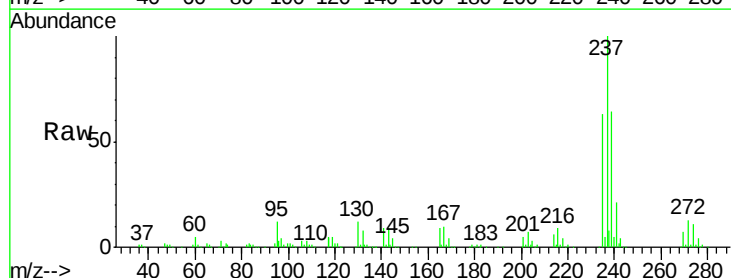
Tgt Ion:237 Resp: 310002

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

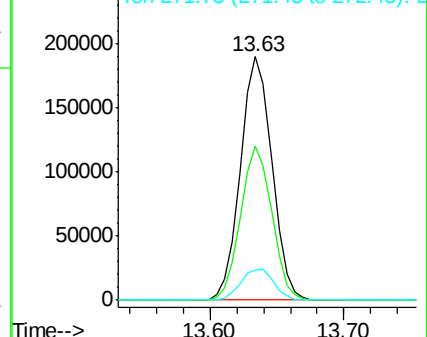
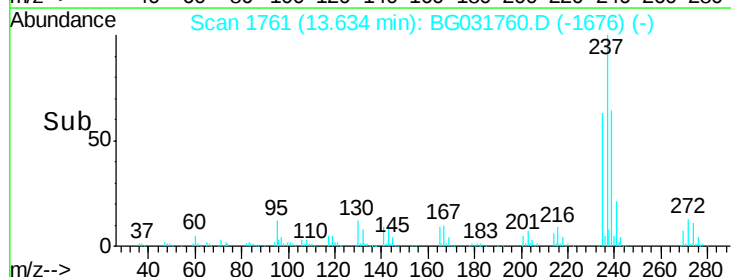
272 12.5 0.0 31.8

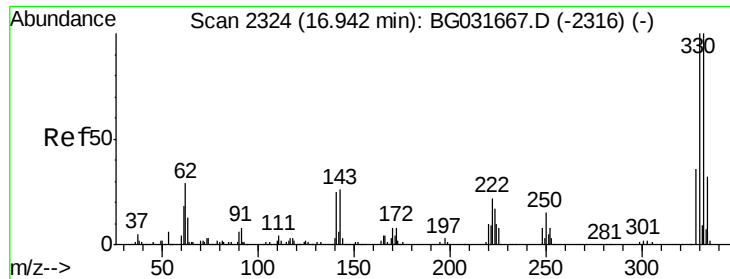


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

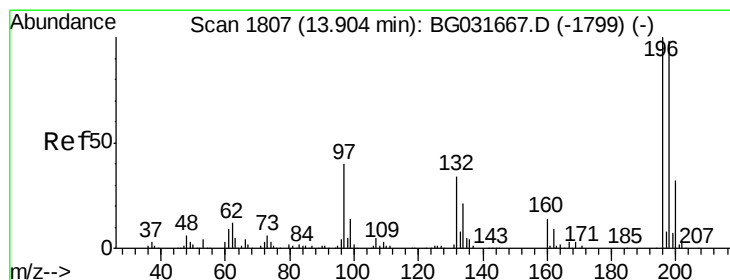
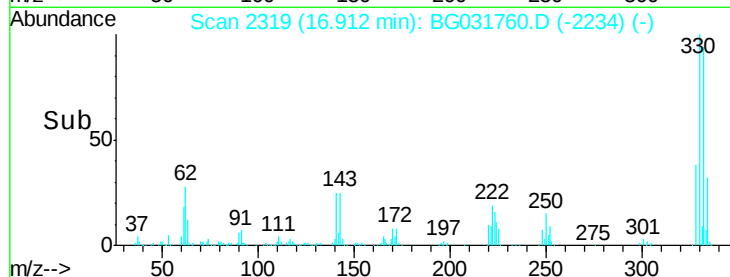
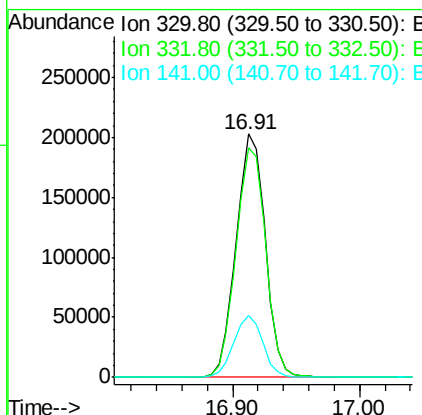
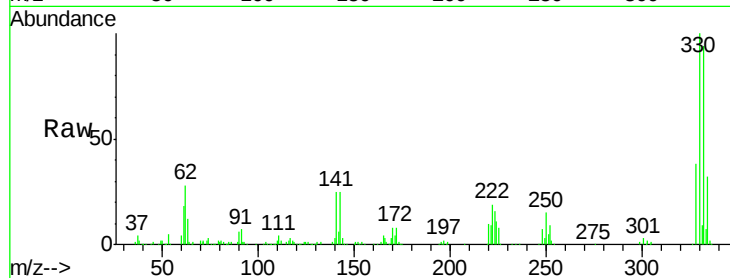




#41
 2,4,6-Tribromophenol
 Concen: 145.716 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

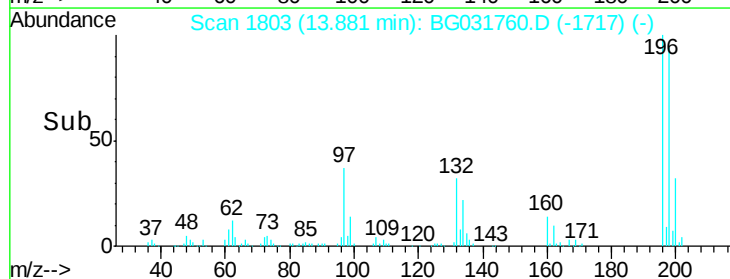
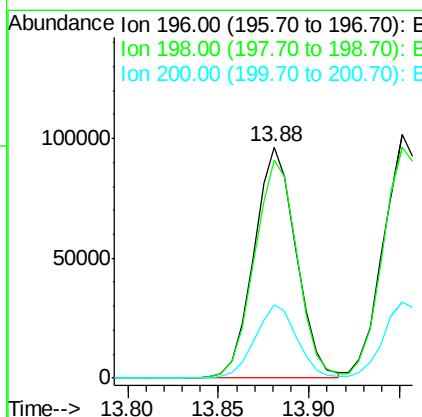
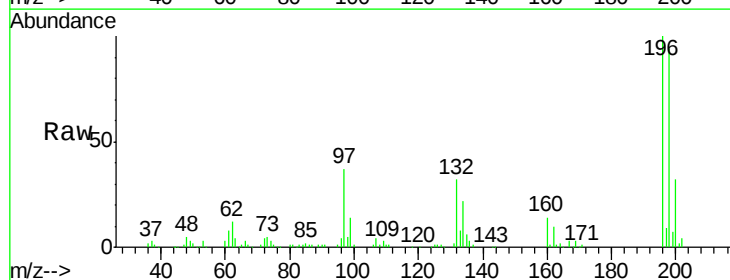
Instrument :
 BNA_G
 ClientSampled :
 PB105312BS

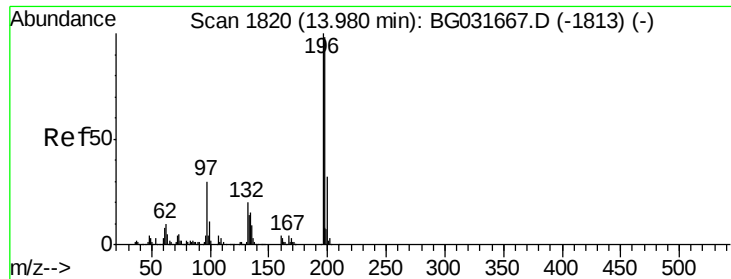
Tgt Ion:330 Resp: 324157
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 25.1 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 43.751 ng
 RT: 13.88 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion:196 Resp: 154902
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.2 117.2
 200 31.5 24.6 36.8

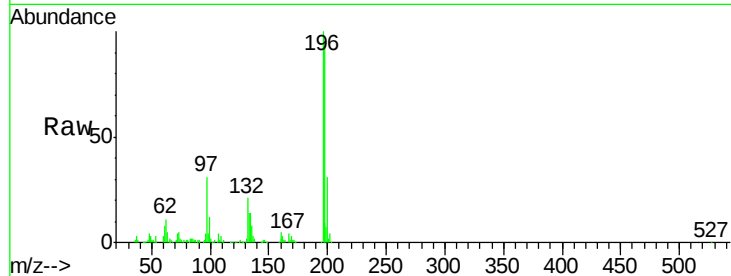




#43
 2,4,5-Trichlorophenol
 Concen: 42.489 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

Tgt Ion:	196	Resp:	166715
Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.4
97	30.9	38.7	58.1#
132	21.0	20.2	30.2



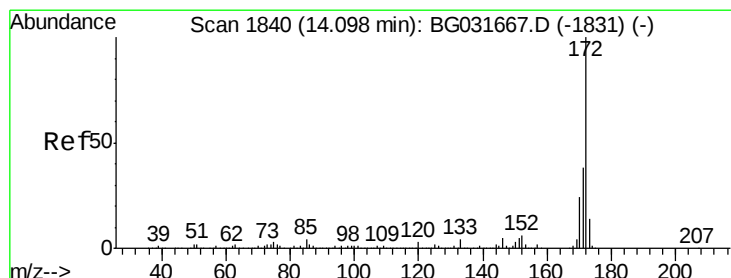
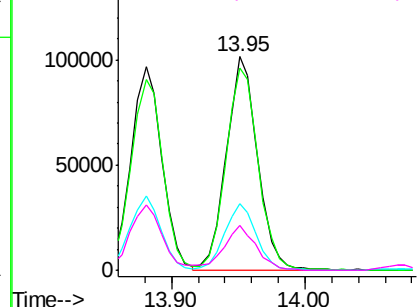
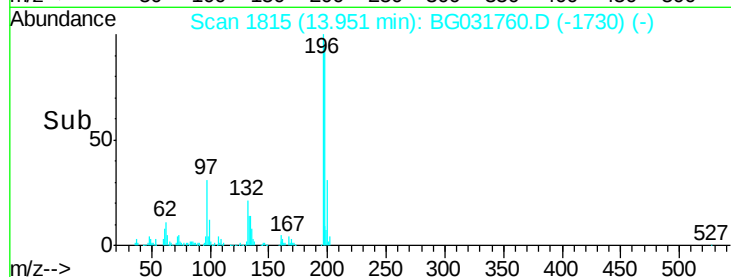
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

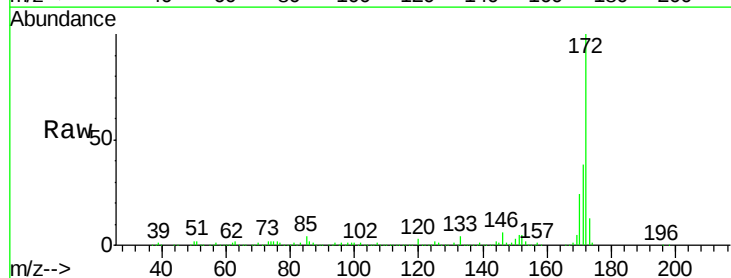
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.312 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion:	172	Resp:	932879
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.6	19.5	29.3

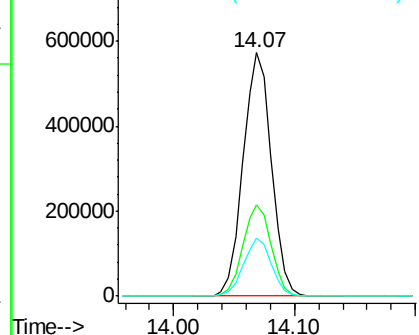
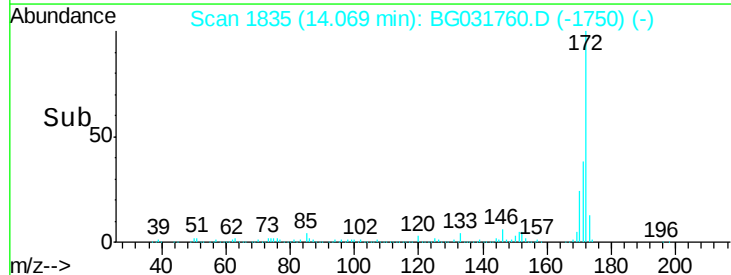


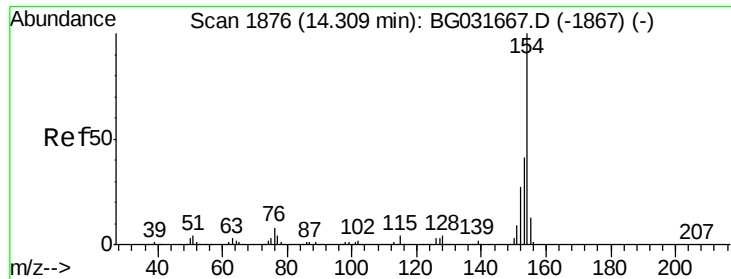
Abundance

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

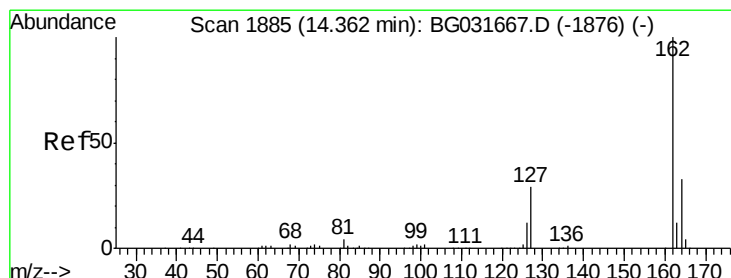
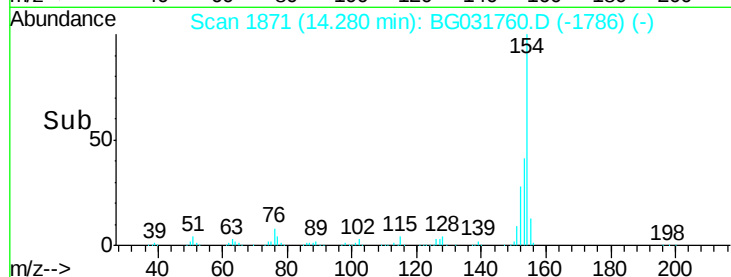
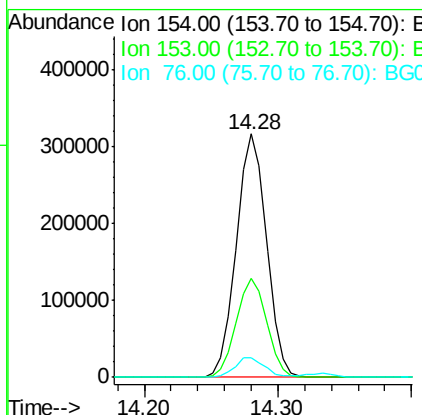
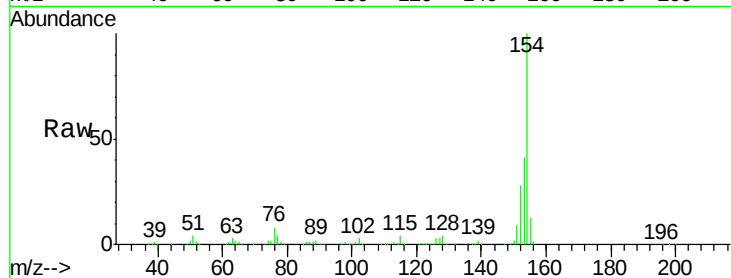




#45
 1,1'-Biphenyl
 Concen: 39.798 ng
 RT: 14.28 min Scan# 1871
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

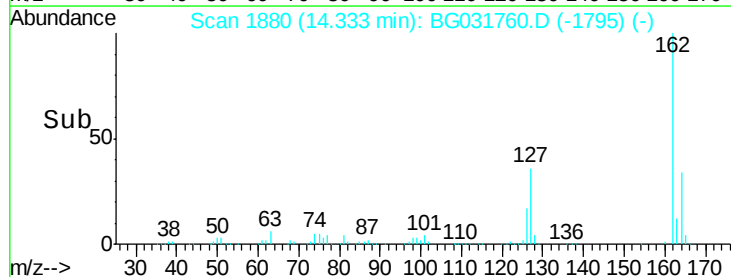
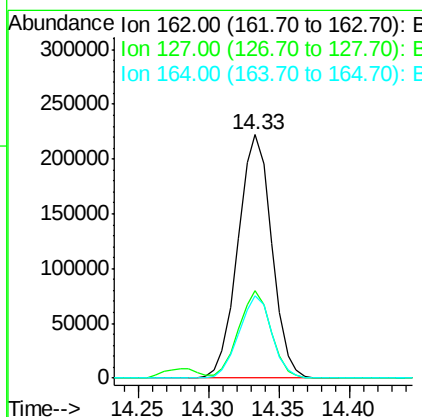
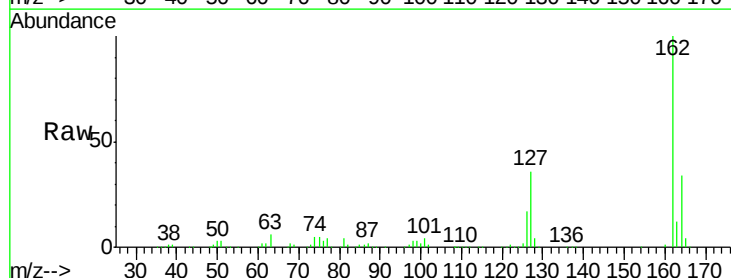
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

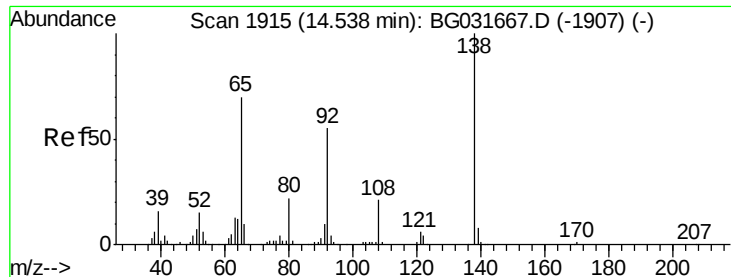
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.8	59.8
76	7.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.125 ng
 RT: 14.33 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	30.7	46.1
164	33.9	26.0	39.0

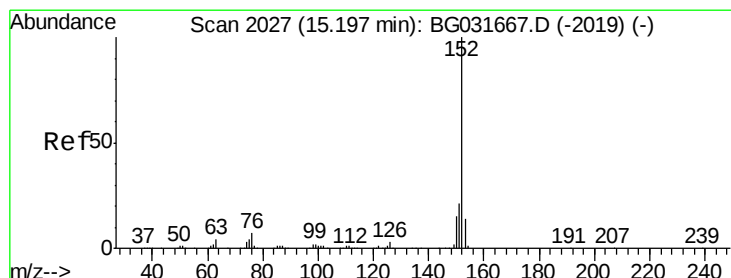
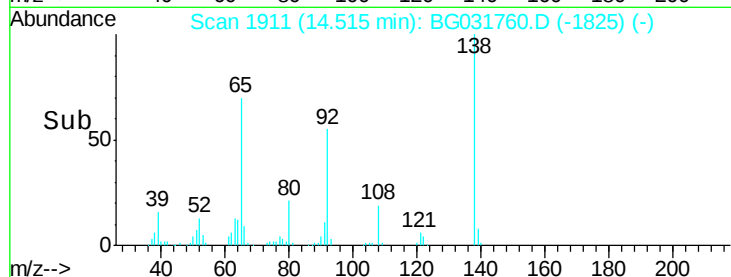
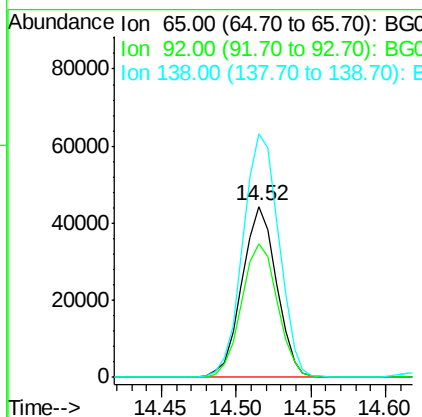
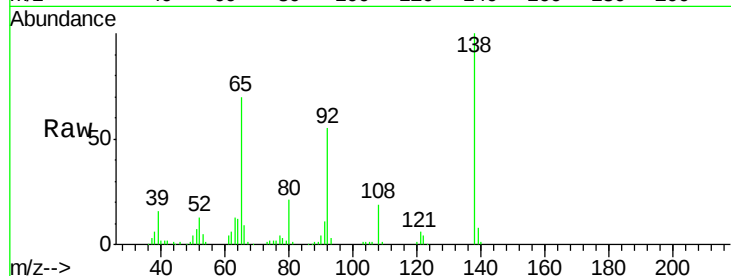




#47
2-Nitroaniline
Concen: 43.562 ng
RT: 14.52 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

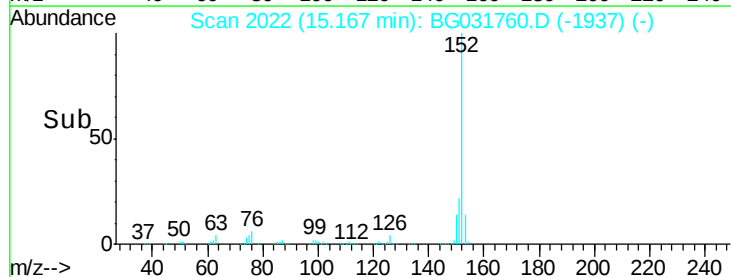
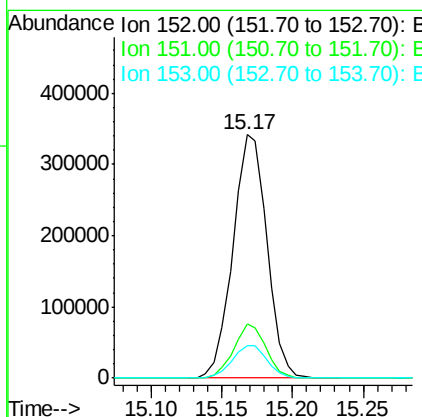
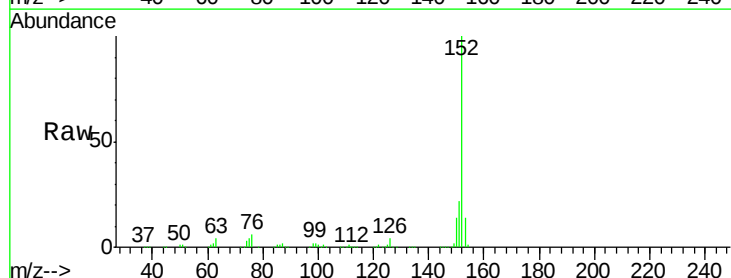
Instrument :
BNA_G
ClientSampleId :
PB105312BS

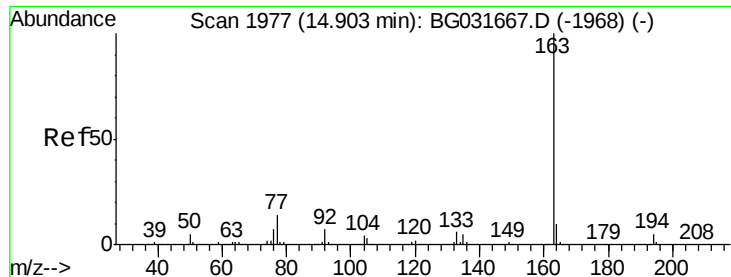
Tgt Ion: 65 Resp: 71458
Ion Ratio Lower Upper
65 100
92 78.2 54.6 82.0
138 142.2 72.9 109.3#



#48
Acenaphthylene
Concen: 37.672 ng
RT: 15.17 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion: 152 Resp: 572421
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 38.702 ng

RT: 14.87 min Scan# 1971

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

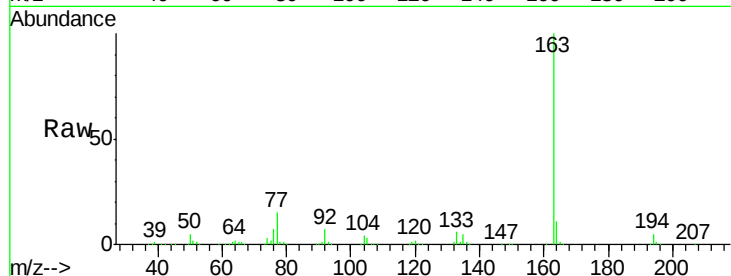
Tgt Ion:163 Resp: 497079

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

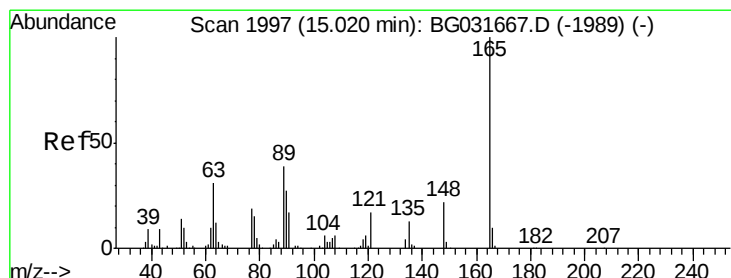
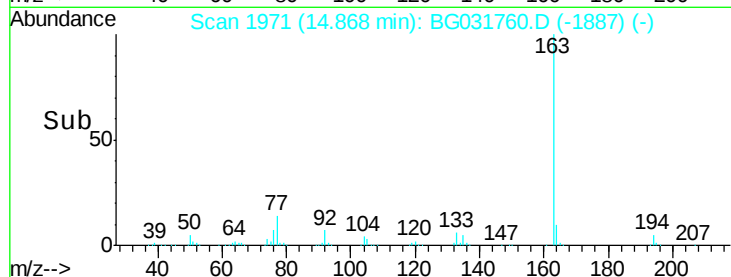
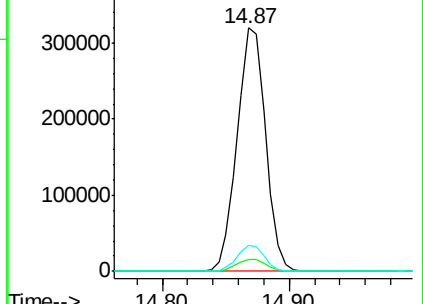
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.600 ng

RT: 15.00 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

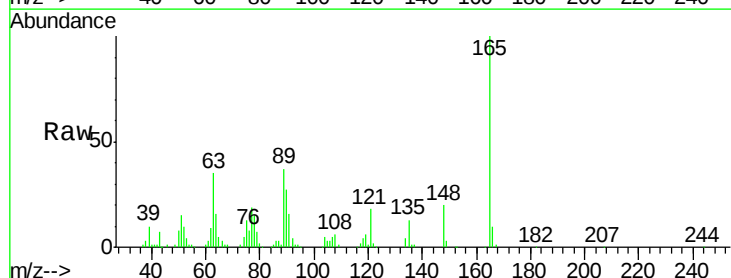
Tgt Ion:165 Resp: 103017

Ion Ratio Lower Upper

165 100

63 35.2 52.7 79.1#

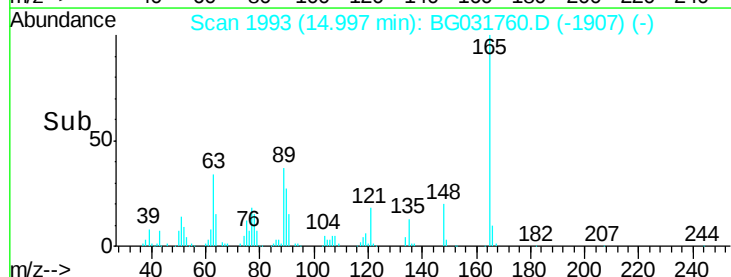
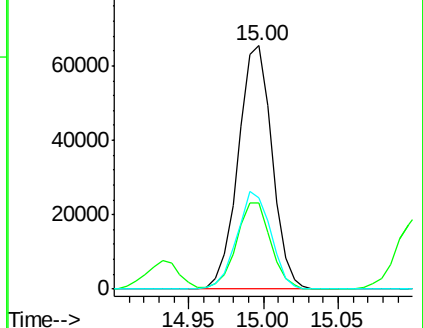
89 37.4 49.2 73.8#

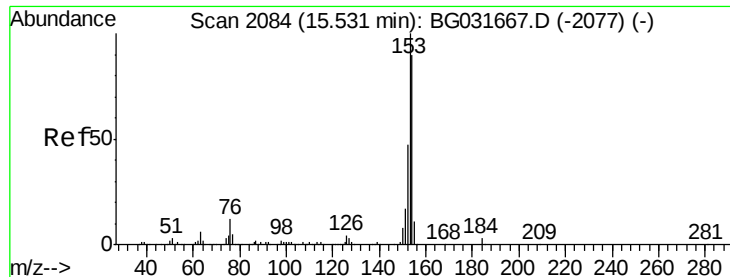


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.190 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

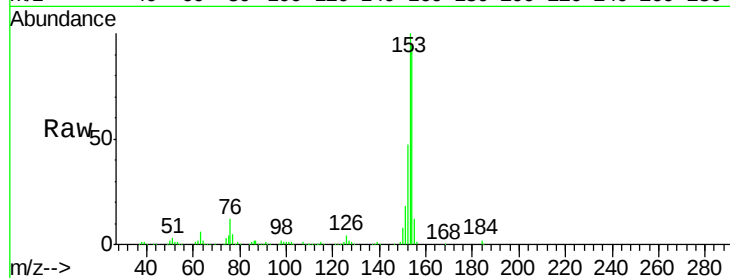
Tgt Ion:154 Resp: 380043

Ion Ratio Lower Upper

154 100

153 105.8 90.4 135.6

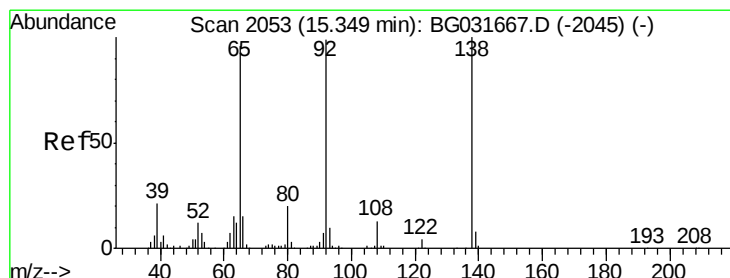
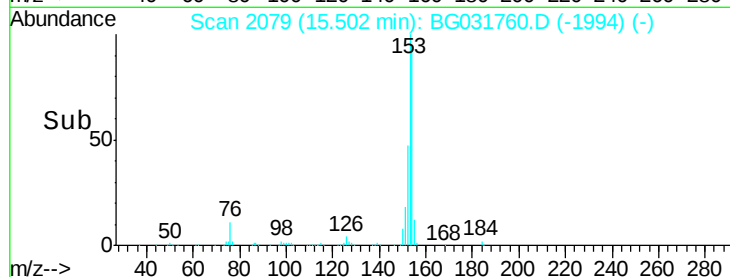
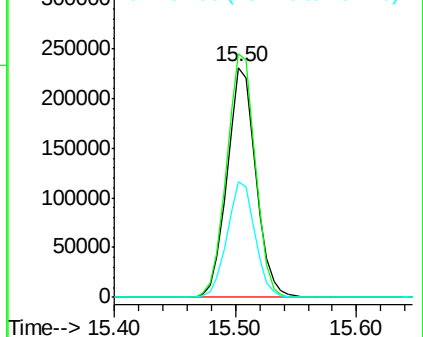
152 50.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.504 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

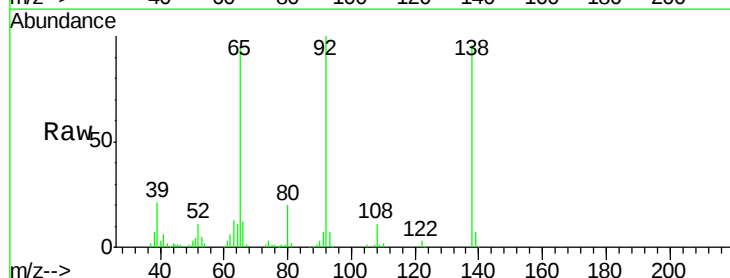
Tgt Ion:138 Resp: 68012

Ion Ratio Lower Upper

138 100

108 11.8 17.5 26.3#

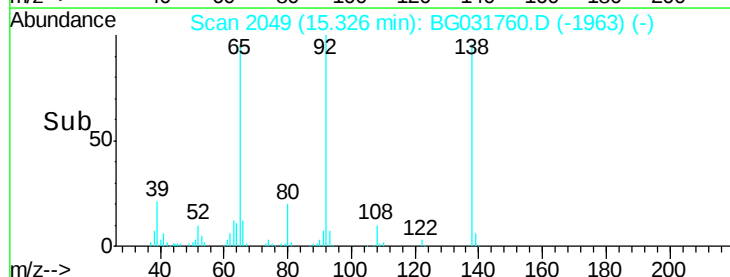
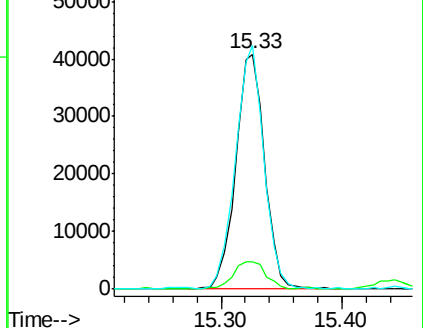
92 103.7 105.8 158.8#

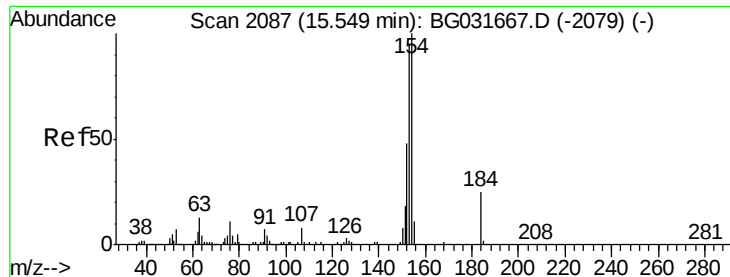


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

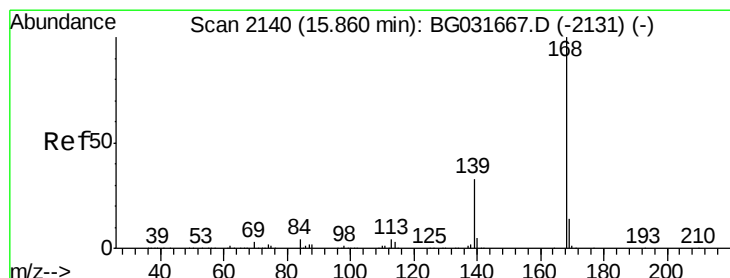
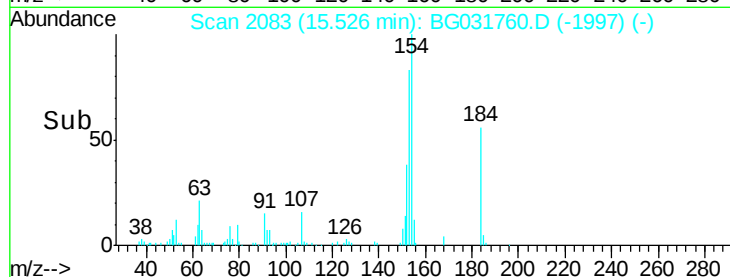
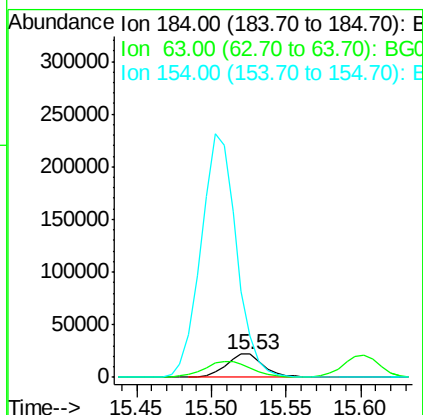
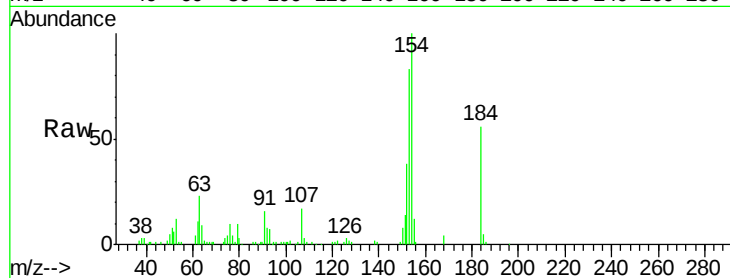




#53
2,4-Dinitrophenol
Concen: 42.704 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

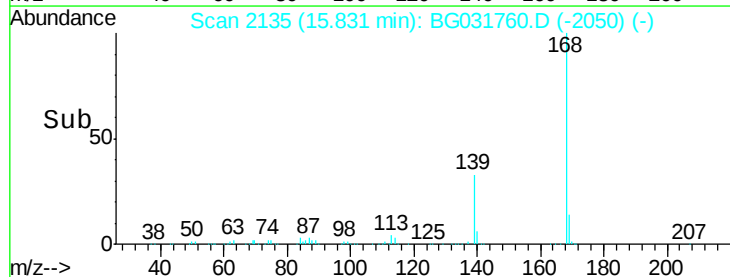
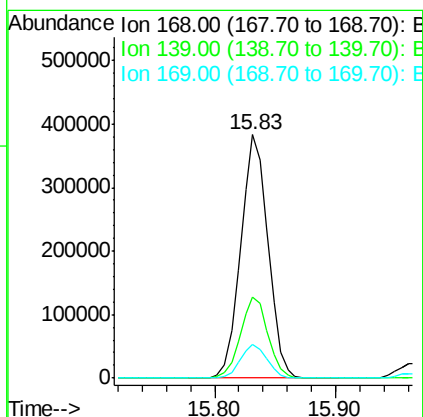
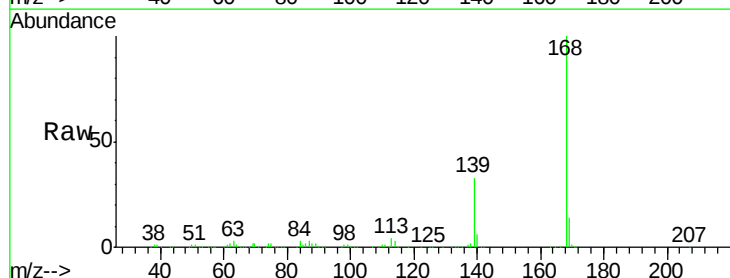
Instrument :
BNA_G
ClientSampleId :
PB105312BS

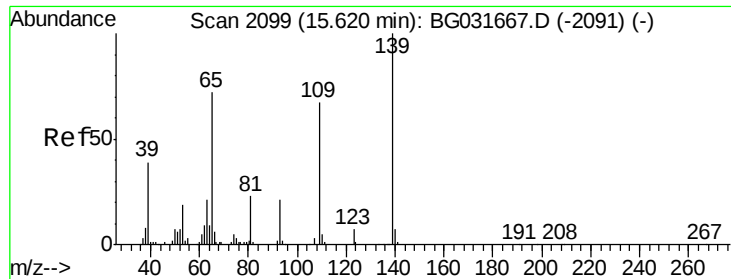
Tgt Ion:184 Resp: 38915
Ion Ratio Lower Upper
184 100
63 40.9 59.8 89.8#
154 177.0 101.8 152.8#



#54
Dibenzofuran
Concen: 39.591 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:168 Resp: 603943
Ion Ratio Lower Upper
168 100
139 33.2 28.6 43.0
169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 89.913 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

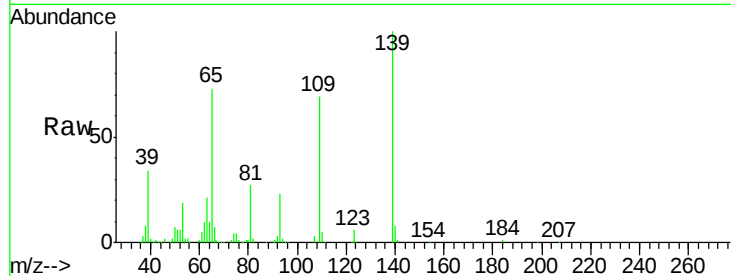
Tgt Ion:139 Resp: 168695

Ion Ratio Lower Upper

139 100

109 68.9 62.2 102.2

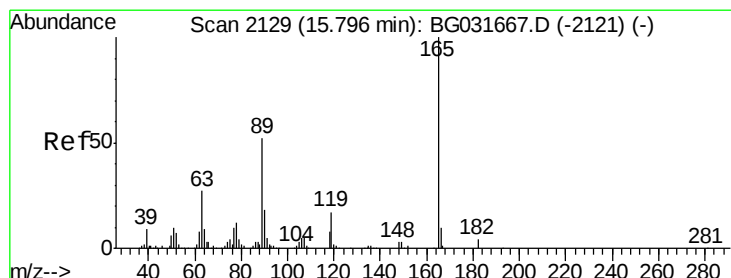
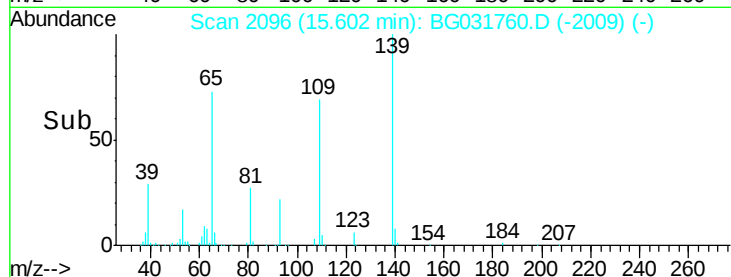
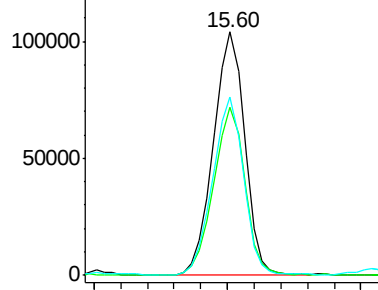
65 73.5 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 47.102 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Tgt Ion:165 Resp: 143103

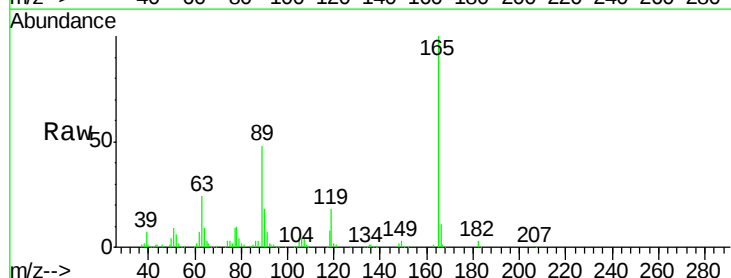
Ion Ratio Lower Upper

165 100

63 24.4 42.0 63.0#

89 48.5 66.9 100.3#

182 2.7 2.6 3.8

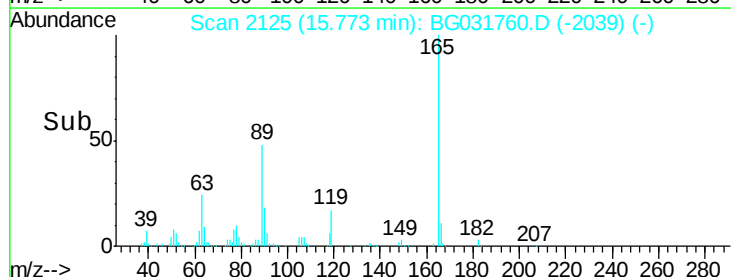
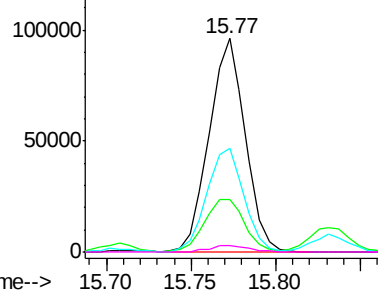


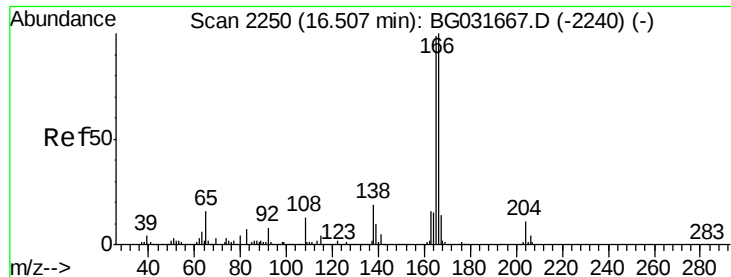
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

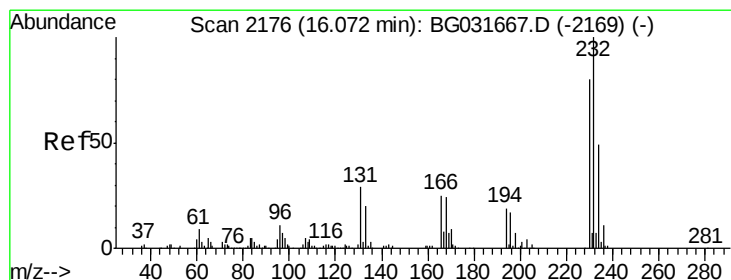
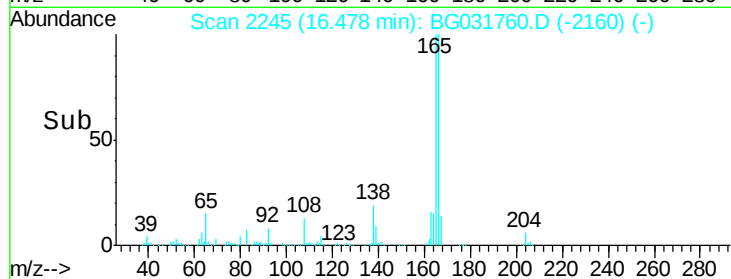
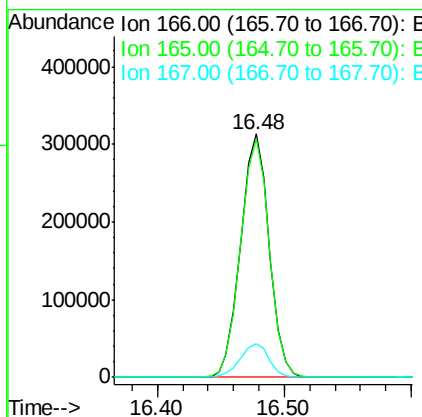
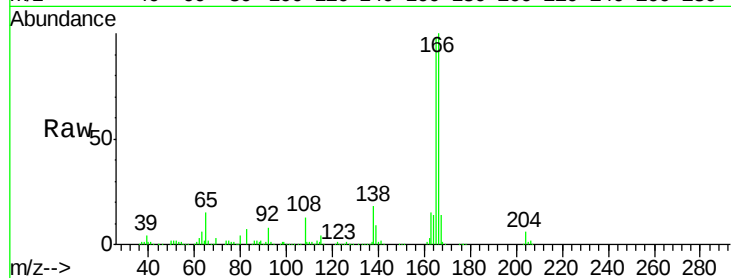




#57
 Fluorene
 Concen: 39.248 ng
 RT: 16.48 min Scan# 2245
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

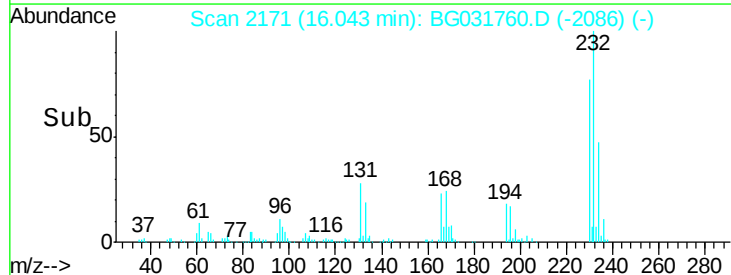
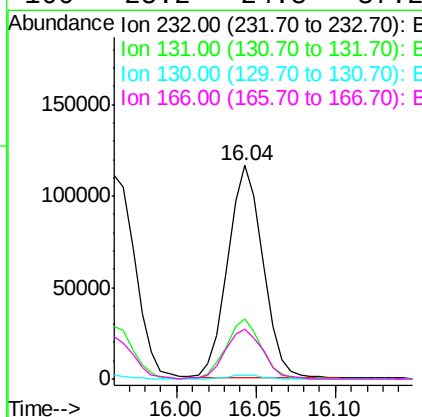
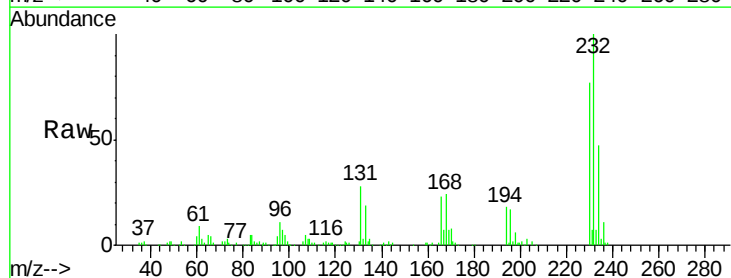
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

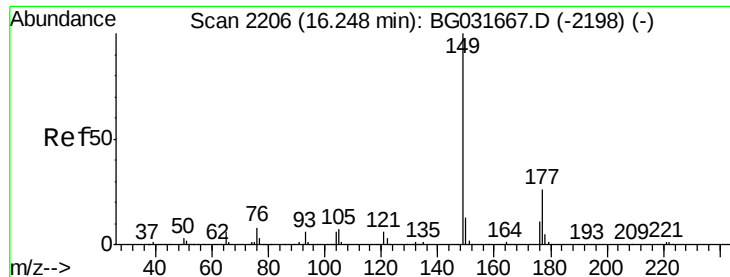
Tgt Ion:166 Resp: 486372
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.6 121.0
 167 14.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.654 ng
 RT: 16.04 min Scan# 2171
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion:232 Resp: 178598
 Ion Ratio Lower Upper
 232 100
 131 28.7 33.5 50.3#
 130 1.8 2.2 3.2#
 166 25.2 24.8 37.2

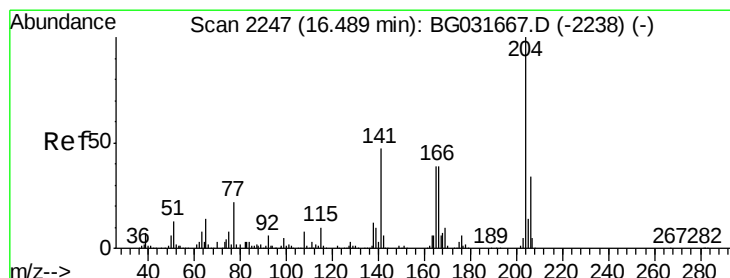
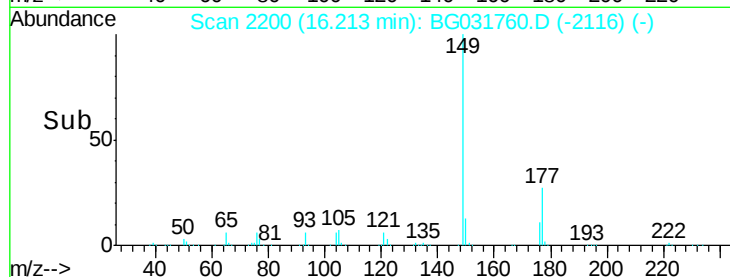
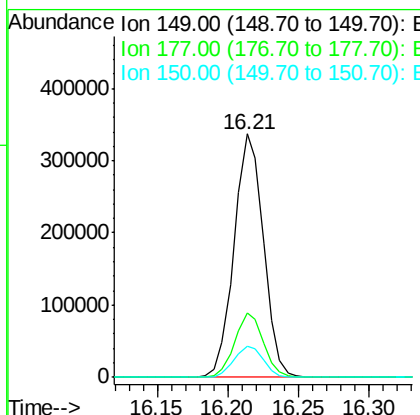
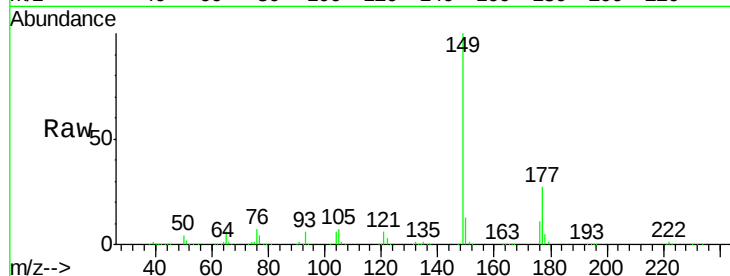




#59
Diethylphthalate
Concen: 38.942 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

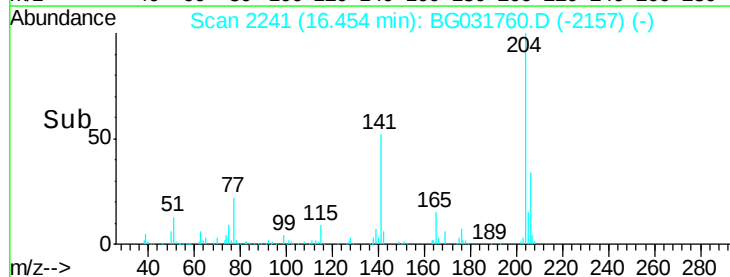
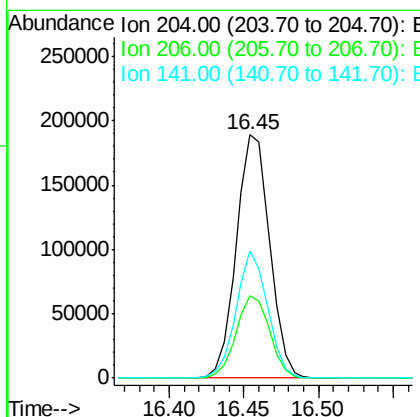
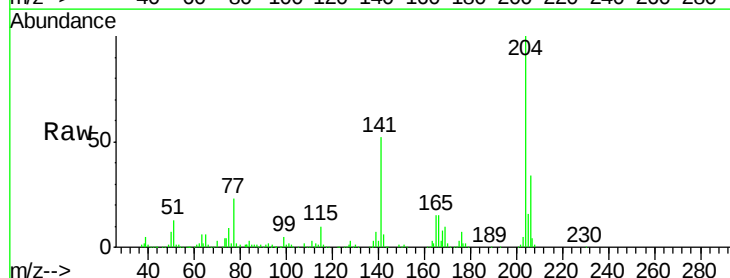
Instrument :
BNA_G
ClientSampleId :
PB105312BS

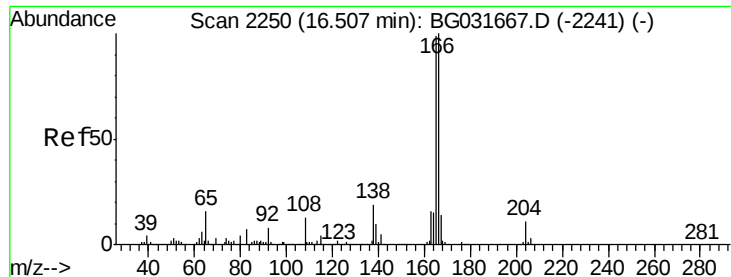
Tgt Ion:149 Resp: 487490
Ion Ratio Lower Upper
149 100
177 26.6 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.694 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:204 Resp: 293396
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 52.0 45.8 68.6





#61

4-Nitroaniline

Concen: 43.091 ng

RT: 16.48 min Scan# 2245

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

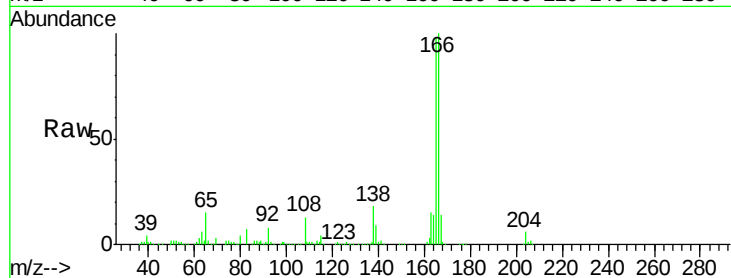
Tgt Ion:138 Resp: 96933

Ion Ratio Lower Upper

138 100

92 42.1 40.1 80.1

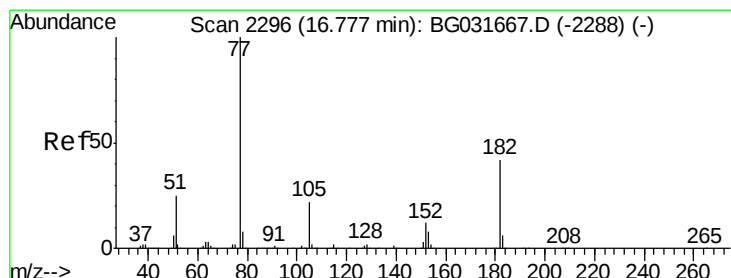
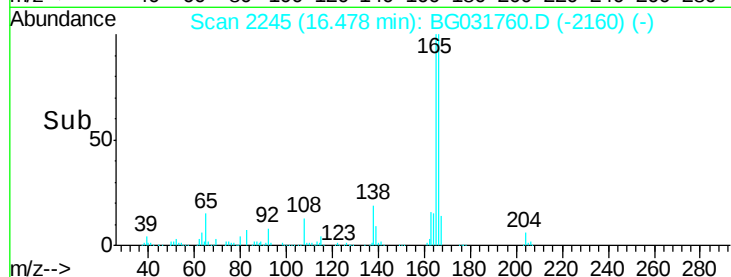
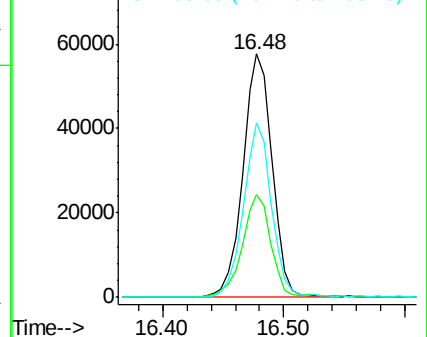
108 71.4 65.4 105.4



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: 39.470 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Tgt Ion: 77 Resp: 316874

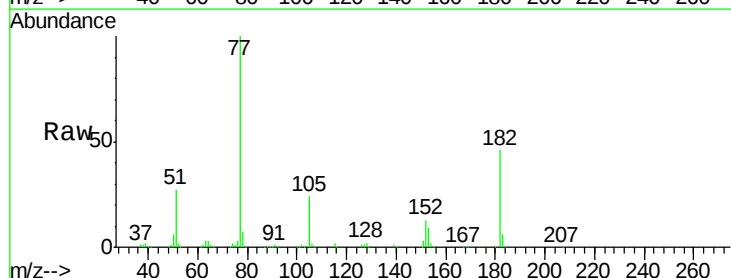
Ion Ratio Lower Upper

77 100

182 45.6 7.4 47.4

105 23.9 0.3 40.3

51 26.8 11.6 51.6

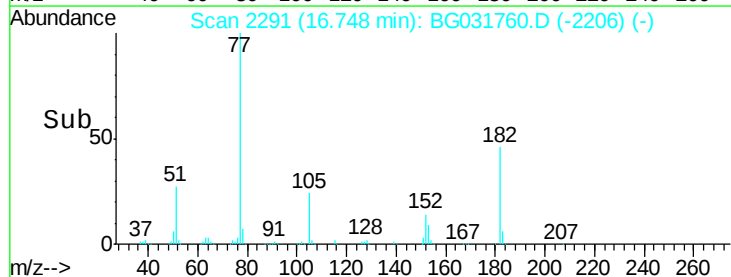
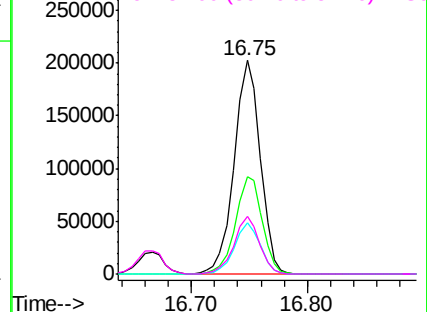


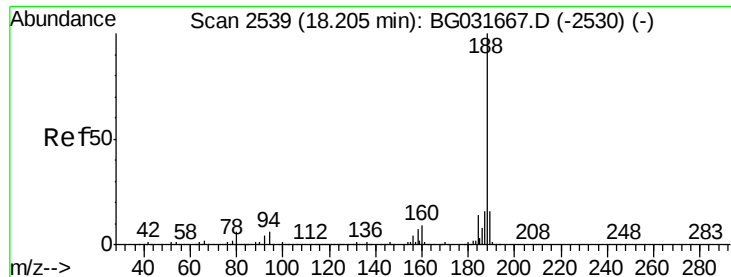
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

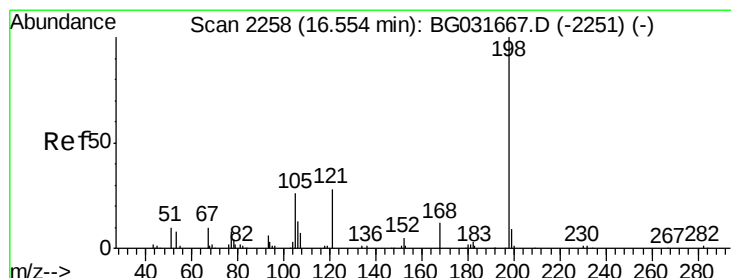
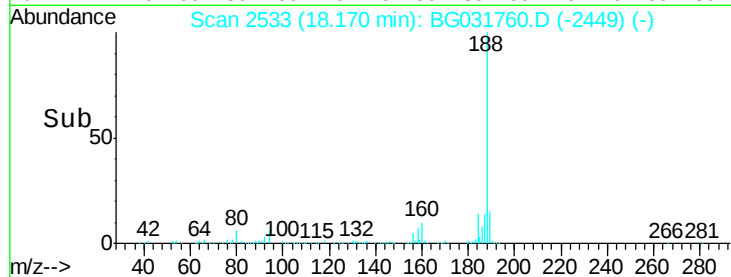
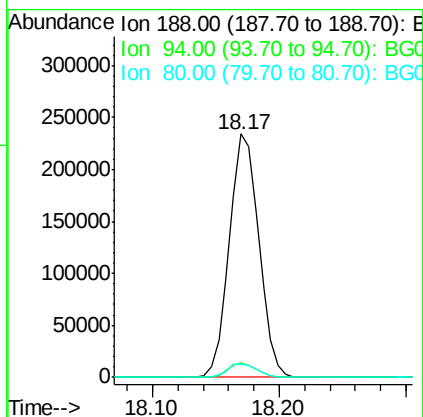
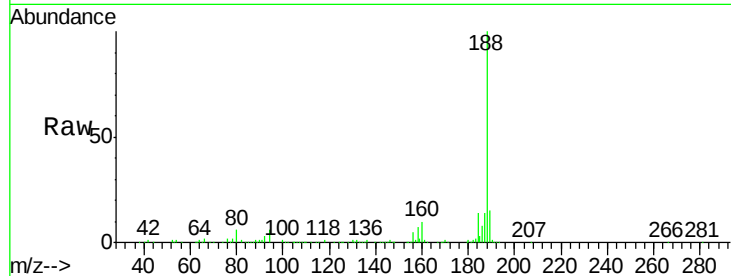




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

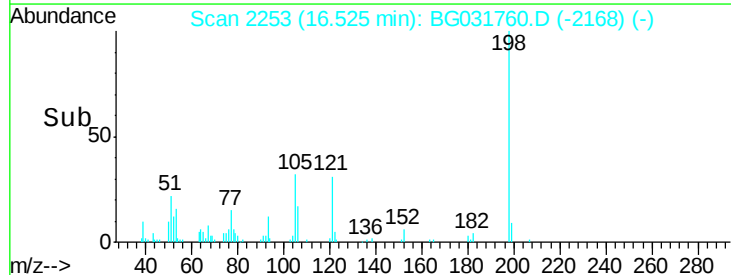
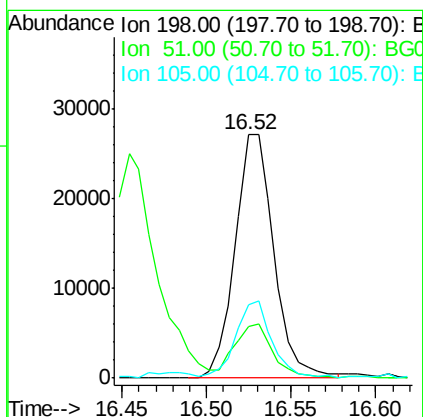
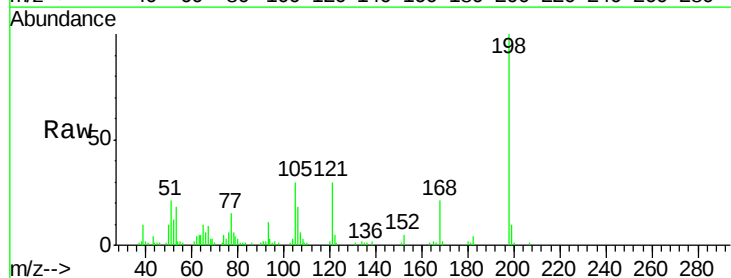
Instrument :
BNA_G
ClientSampleId :
PB105312BS

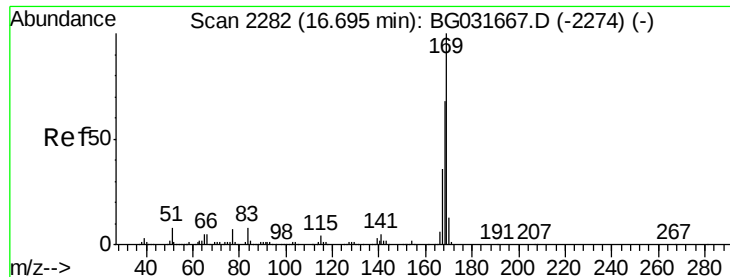
Tgt Ion:188 Resp: 376784
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 5.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 27.838 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:198 Resp: 43293
Ion Ratio Lower Upper
198 100
51 21.5 30.6 70.6#
105 30.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.844 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

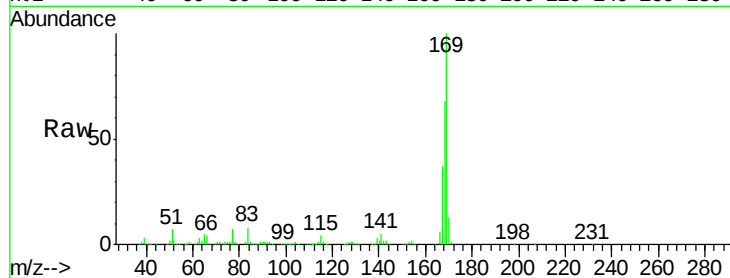
Tgt Ion:169 Resp: 461064

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

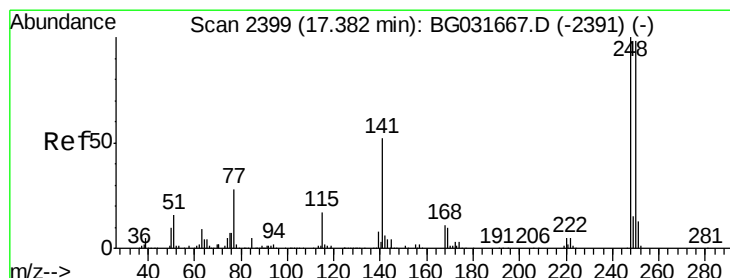
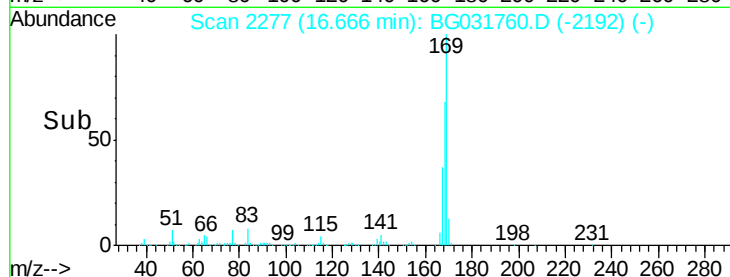
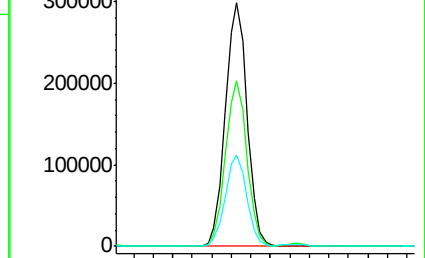
167 37.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.972 ng

RT: 17.35 min Scan# 2393

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

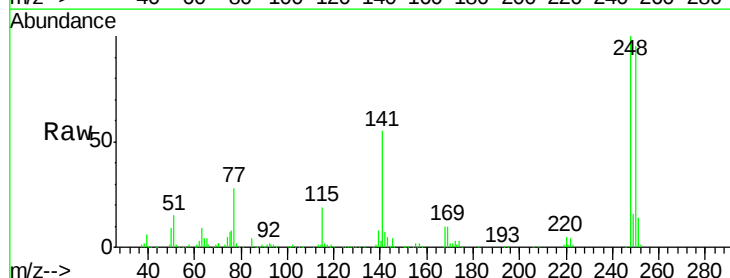
Tgt Ion:248 Resp: 217788

Ion Ratio Lower Upper

248 100

250 95.0 77.1 115.7

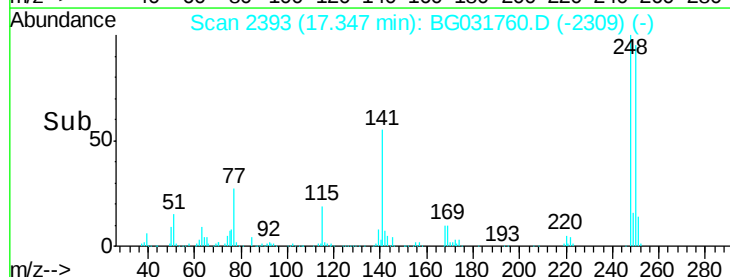
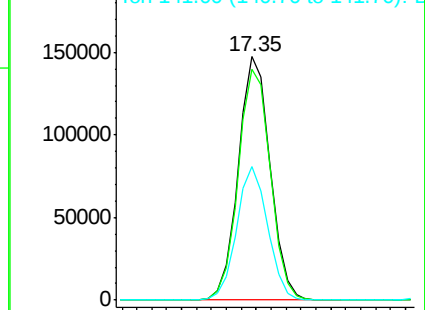
141 54.9 50.8 76.2

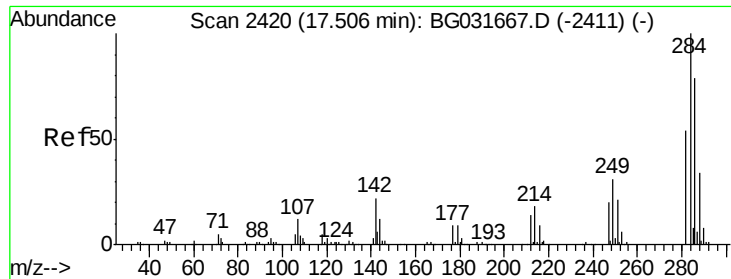


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.126 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

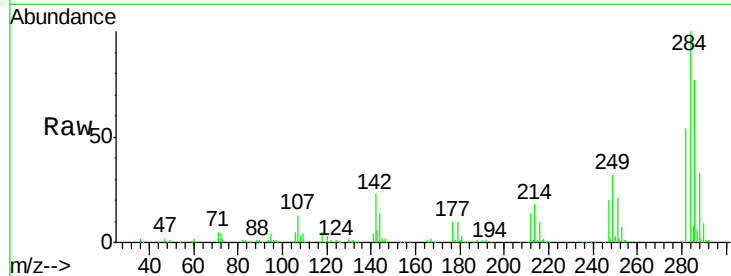
Tgt Ion:284 Resp: 223494

Ion Ratio Lower Upper

284 100

142 23.1 26.8 40.2#

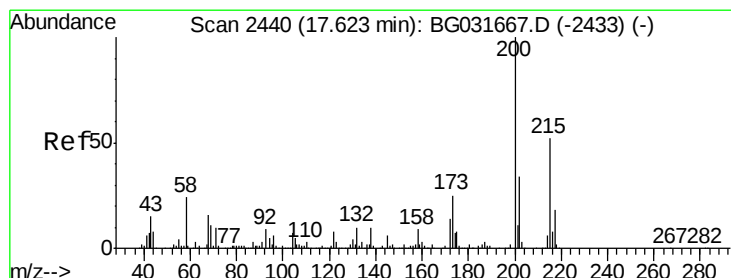
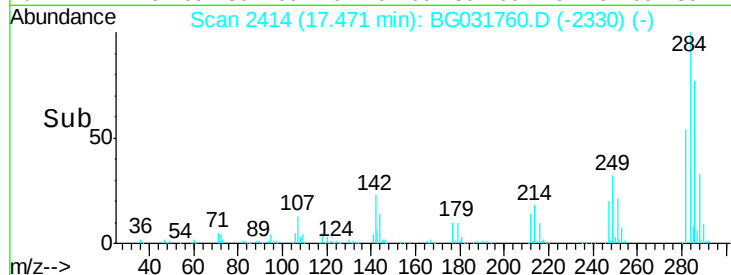
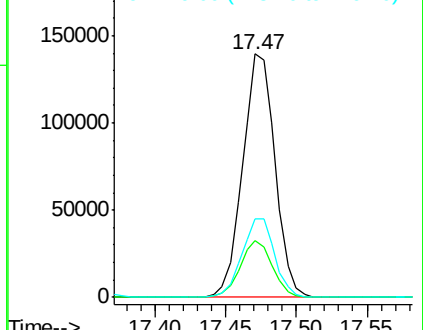
249 32.2 26.3 39.5



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: 41.184 ng

RT: 17.59 min Scan# 2435

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

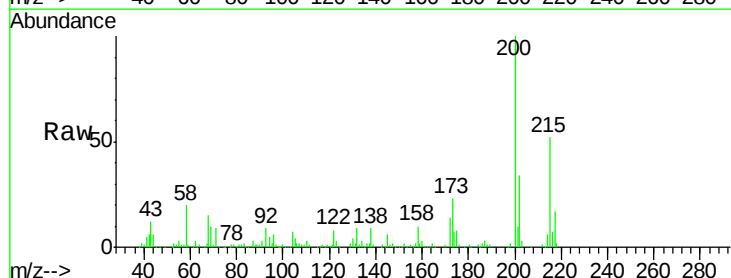
Tgt Ion:200 Resp: 200397

Ion Ratio Lower Upper

200 100

173 23.2 5.2 45.2

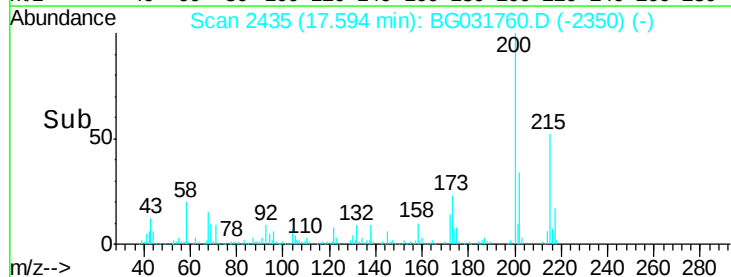
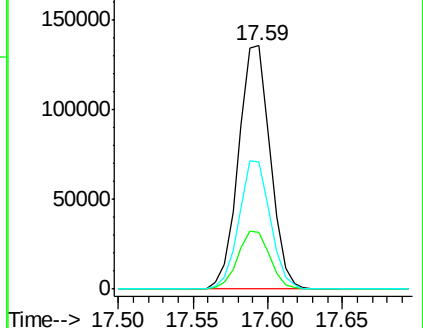
215 52.0 30.4 70.4

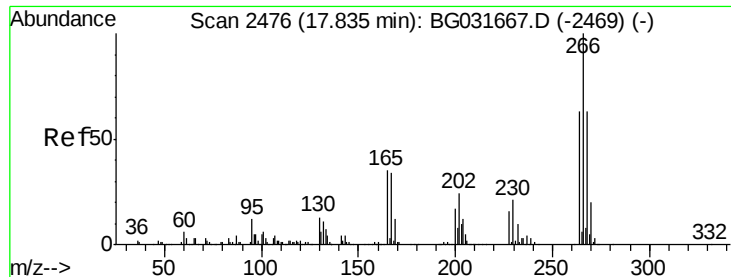


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

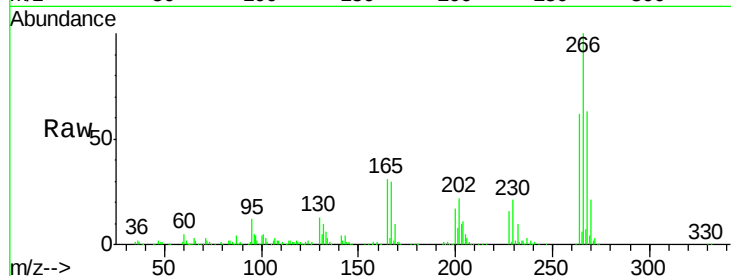




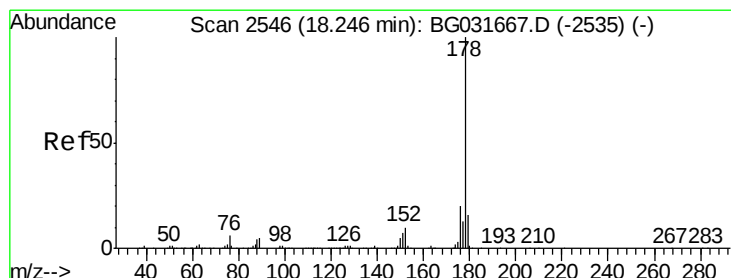
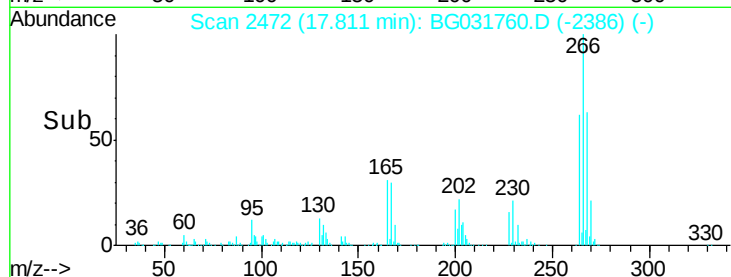
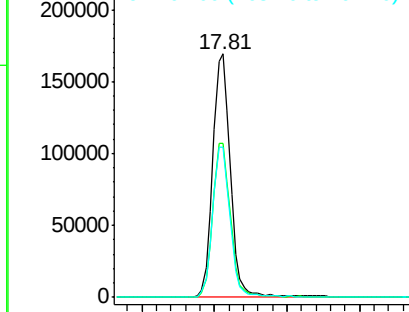
#69
 Pentachlorophenol
 Concen: 75.362 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.02 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

Tgt Ion:266 Resp: 288714
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 61.9 49.6 74.4

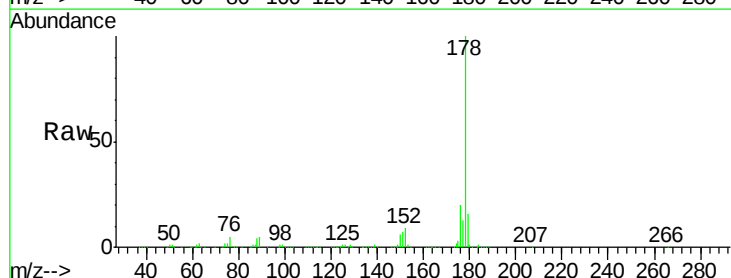


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

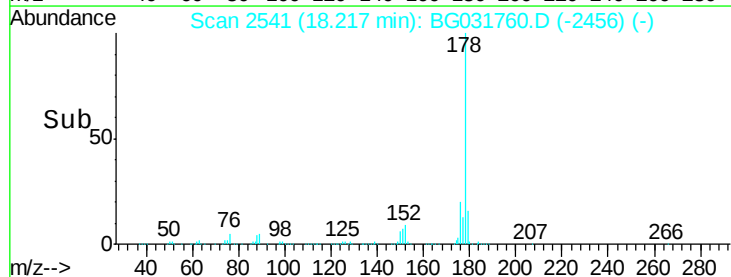
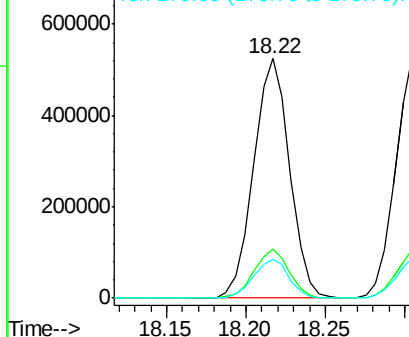


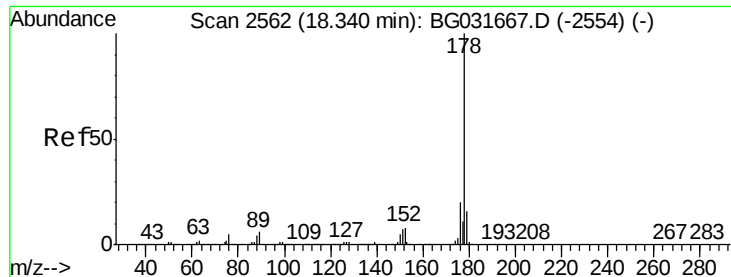
#70
 Phenanthrene
 Concen: 38.733 ng
 RT: 18.22 min Scan# 2541
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion:178 Resp: 825903
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.2 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

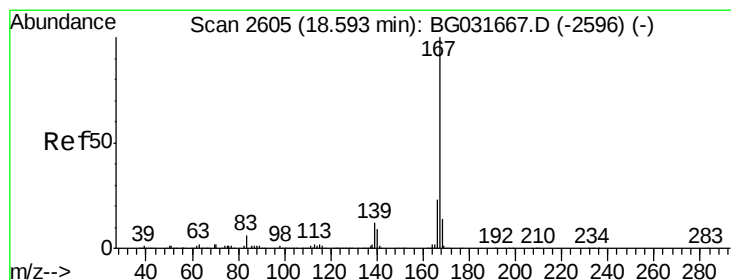
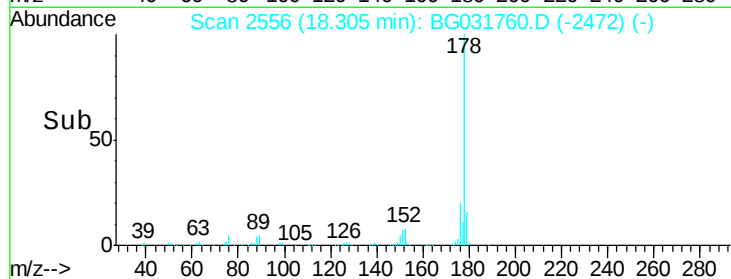
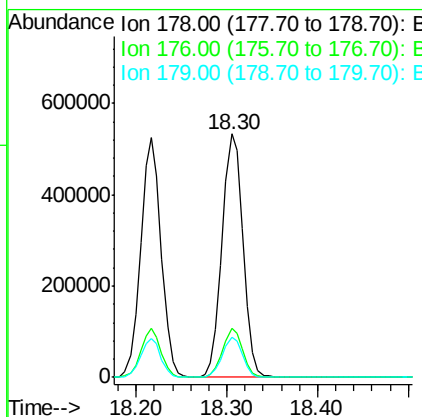
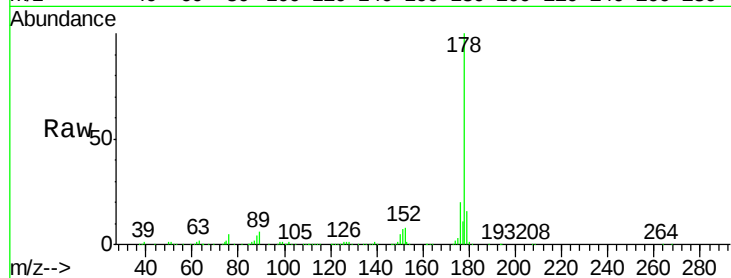




#71
 Anthracene
 Concen: 39.571 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

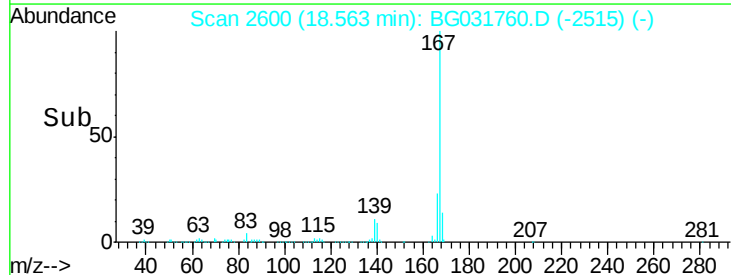
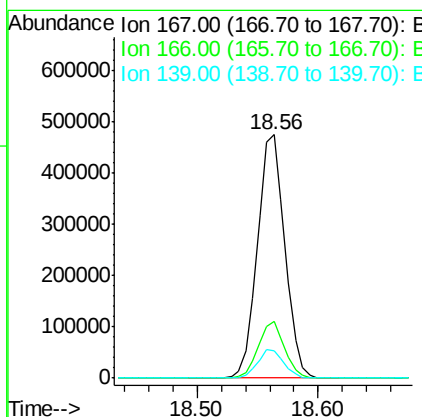
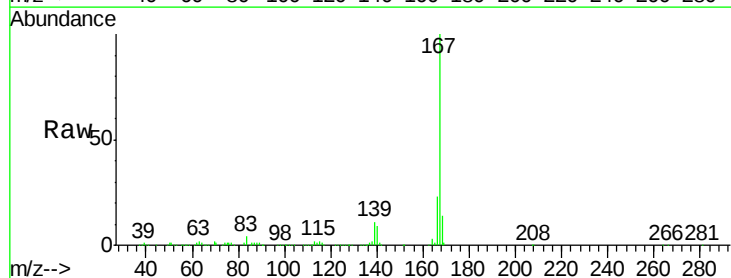
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

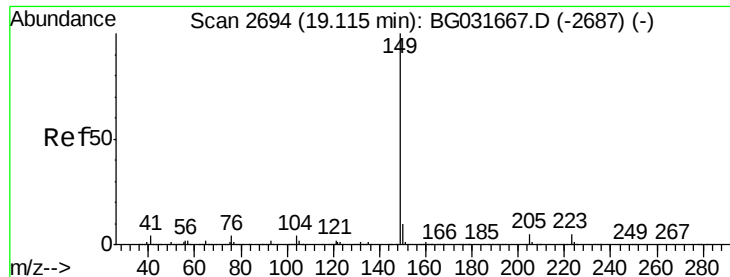
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.3	12.5	18.7



#72
 Carbazole
 Concen: 39.230 ng
 RT: 18.56 min Scan# 2600
 Delta R.T. -0.03 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	11.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.745 ng

RT: 19.07 min Scan# 2687

Delta R.T. -0.04 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

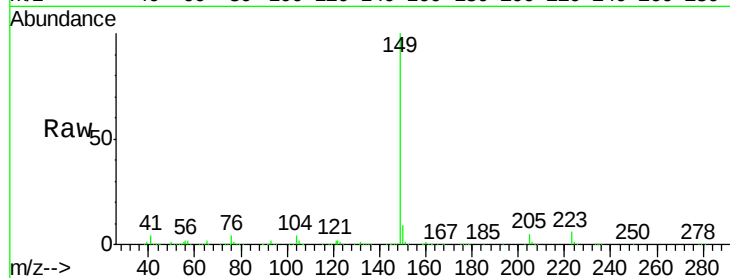
Tgt Ion:149 Resp: 819746

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.0 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

800000

600000

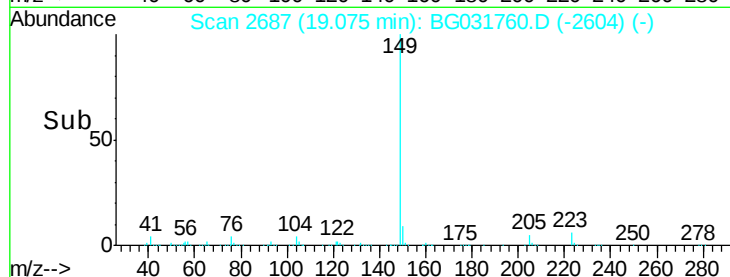
400000

200000

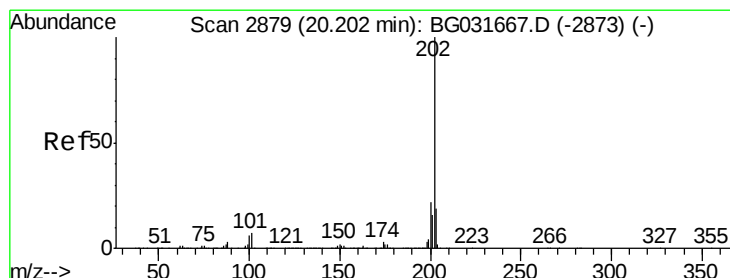
0

19.07

19.00 19.10 19.20



Time-->



#74

Fluoranthene

Concen: 40.107 ng

RT: 20.17 min Scan# 2874

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

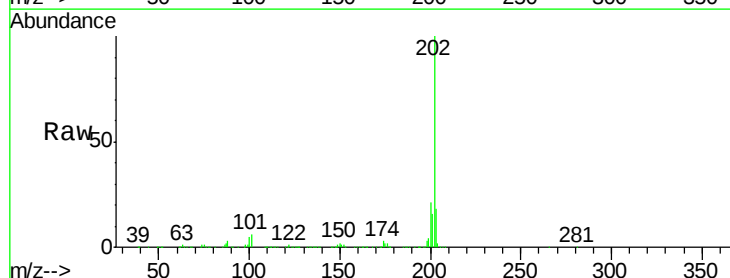
Tgt Ion:202 Resp: 1049355

Ion Ratio Lower Upper

202 100

101 6.0 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

1000000

800000

600000

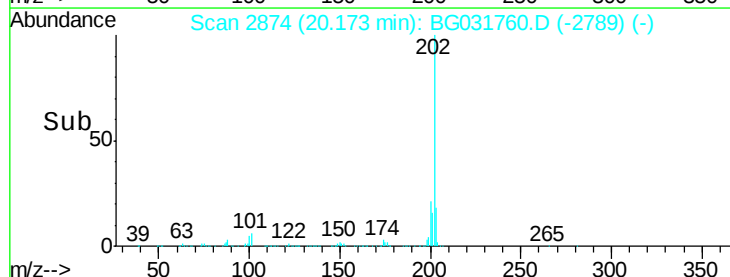
400000

200000

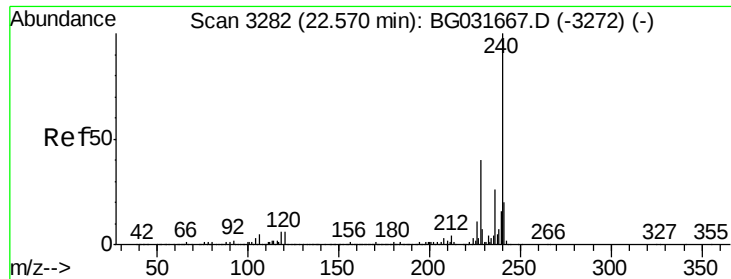
0

20.17

20.10 20.20 20.30



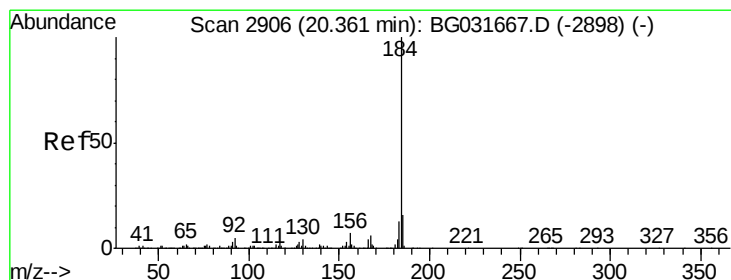
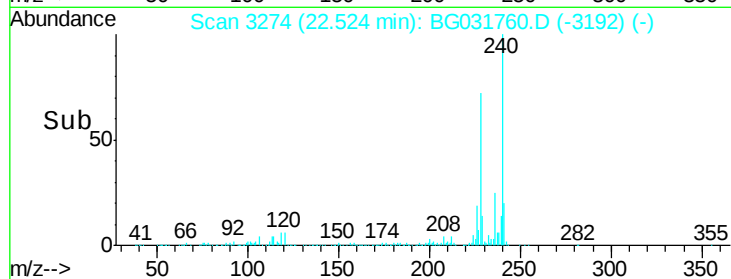
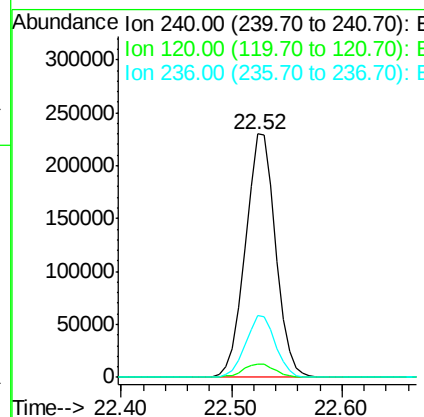
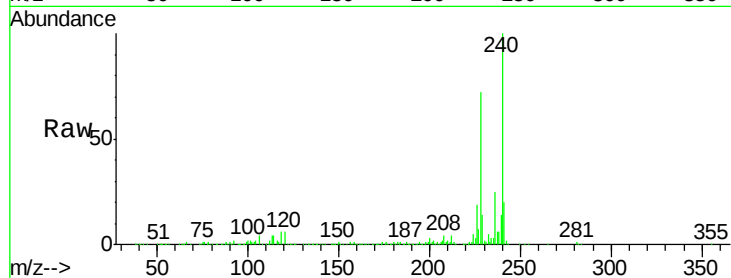
Time-->



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3274
Delta R.T. -0.05 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

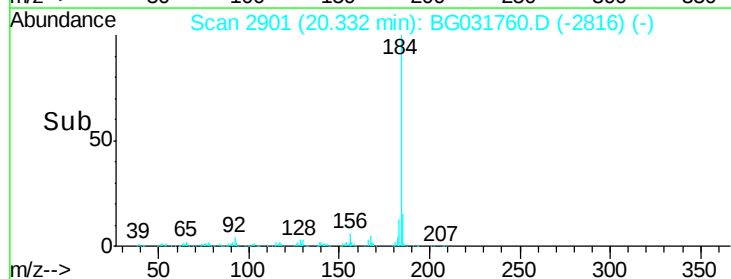
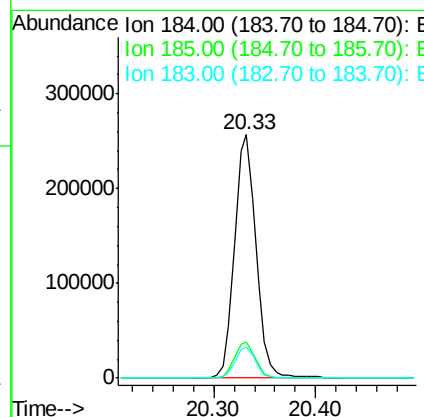
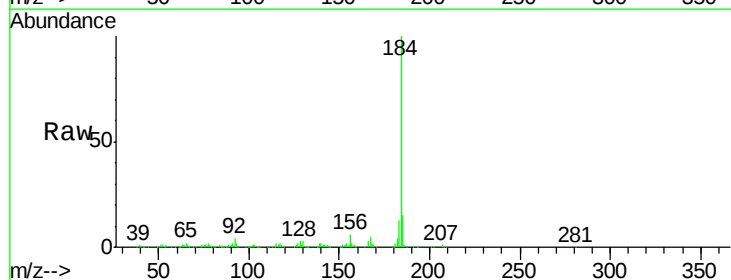
Instrument :
BNA_G
ClientSampleId :
PB105312BS

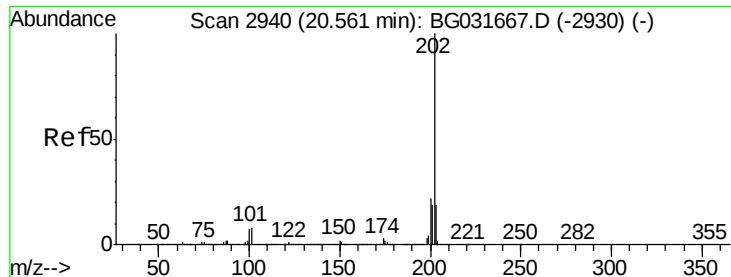
Tgt Ion:240 Resp: 441539
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 25.3 20.9 31.3



#76
Benzidine
Concen: 27.787 ng
RT: 20.33 min Scan# 2901
Delta R.T. -0.03 min
Lab File: BG031760.D
Acq: 26 Dec 2017 14:07

Tgt Ion:184 Resp: 378692
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 13.0 10.6 16.0





#77

Pyrene

Concen: 37.859 ng

RT: 20.53 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

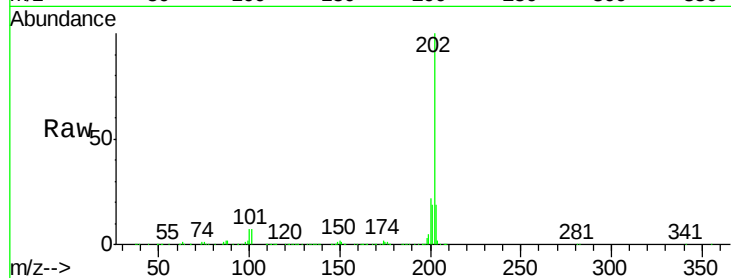
BNA_G

ClientSampleId :

PB105312BS

Tgt Ion:202 Resp: 1067769

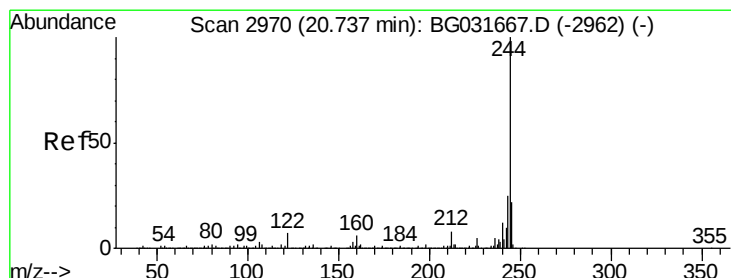
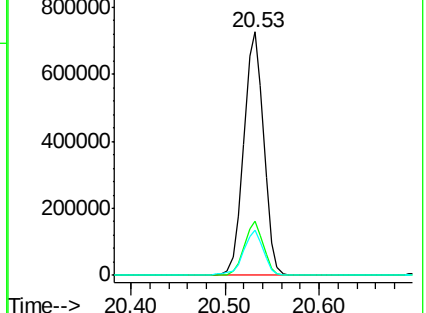
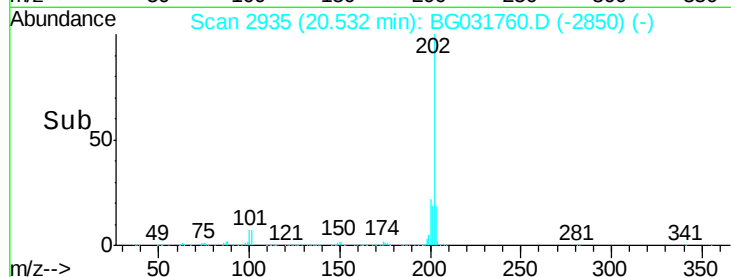
Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.6	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.210 ng

RT: 20.70 min Scan# 2964

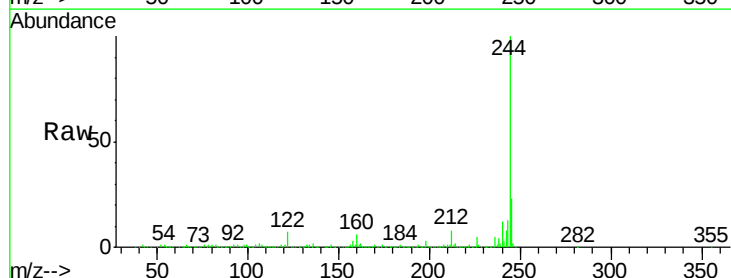
Delta R.T. -0.03 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Tgt Ion:244 Resp: 1685445

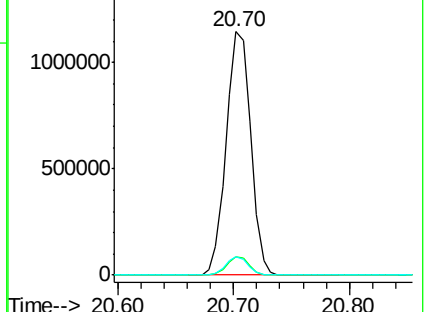
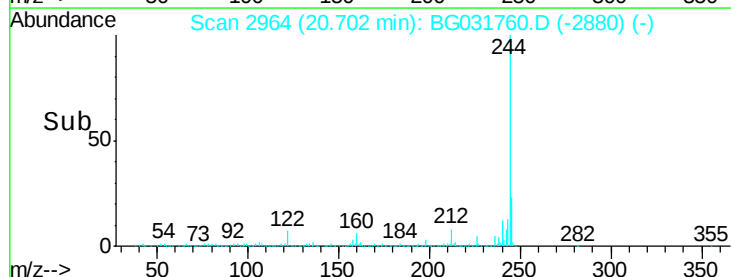
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.3	7.0	10.4

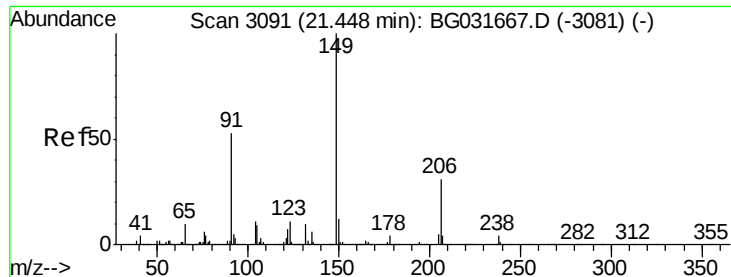


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.413 ng

RT: 21.40 min Scan# 3083

Delta R.T. -0.05 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

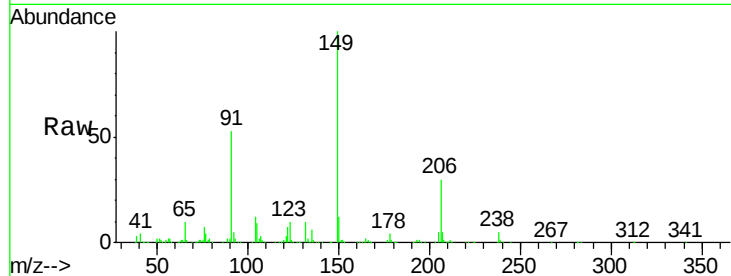
Tgt Ion:149 Resp: 373164

Ion Ratio Lower Upper

149 100

91 53.4 62.2 93.2#

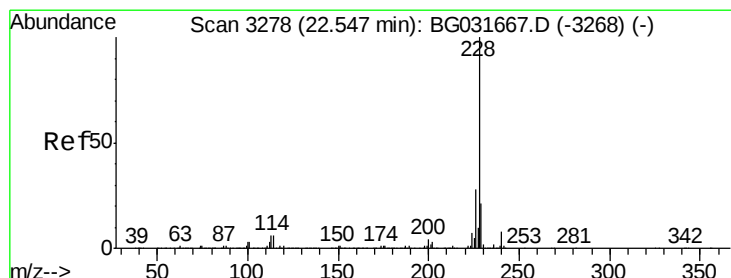
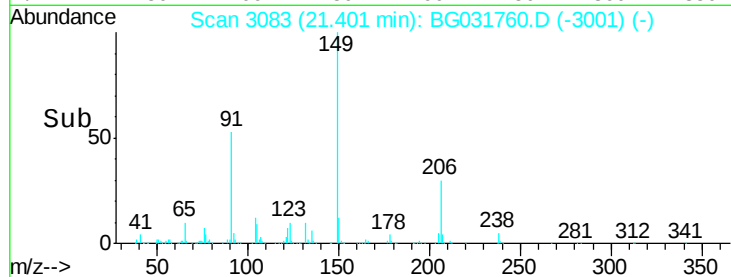
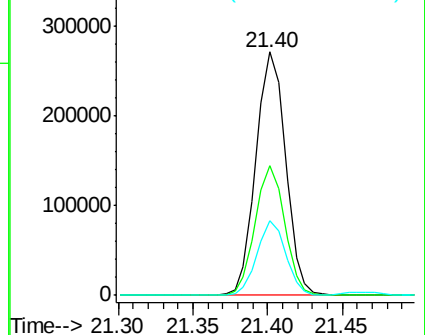
206 30.5 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.974 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.04 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

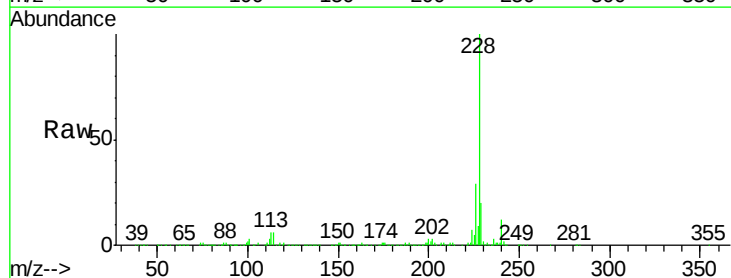
Tgt Ion:228 Resp: 1094650

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

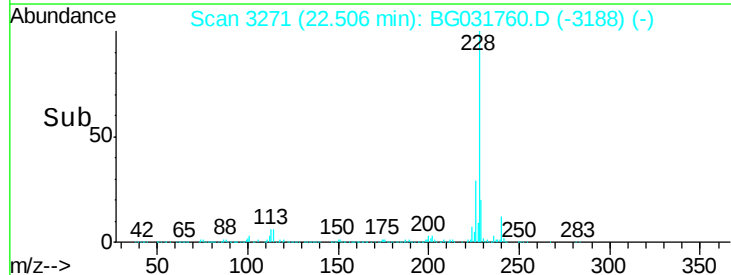
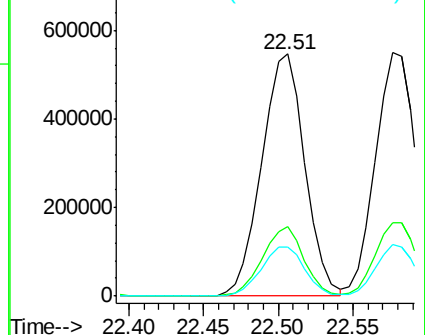
229 20.1 16.2 24.2

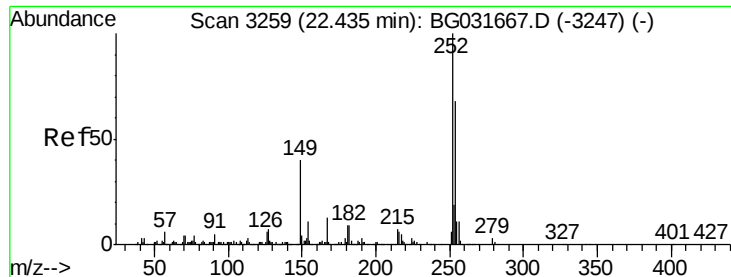


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

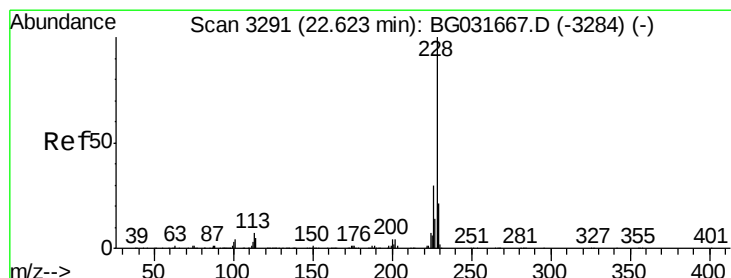
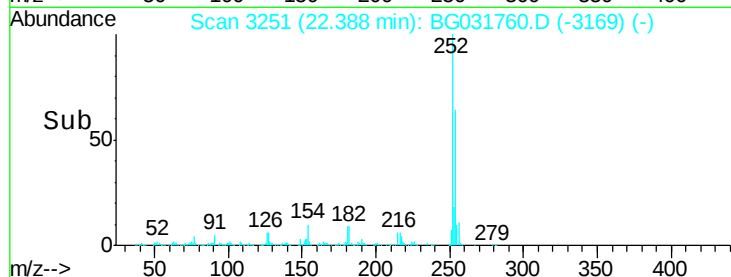
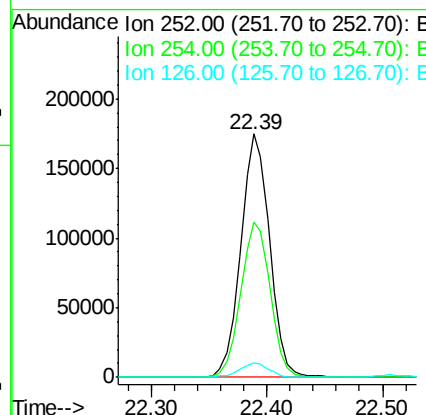
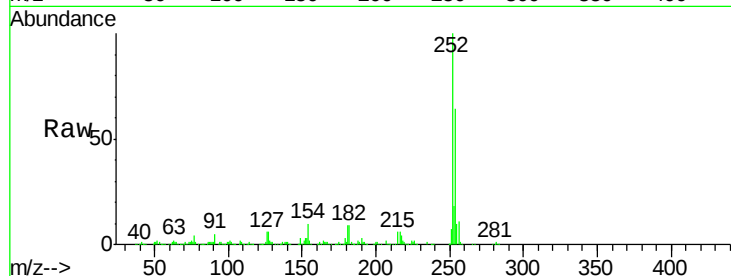




#81
 3,3'-Dichlorobenzidine
 Concen: 27.717 ng
 RT: 22.39 min Scan# 3251
 Delta R.T. -0.05 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

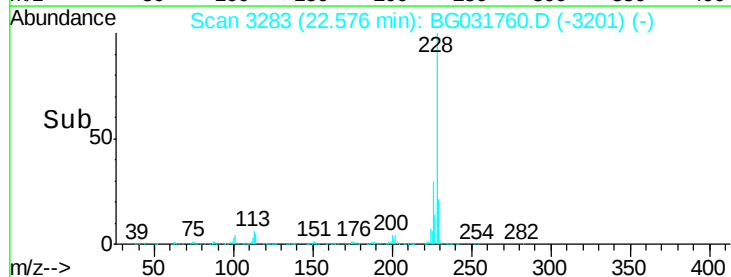
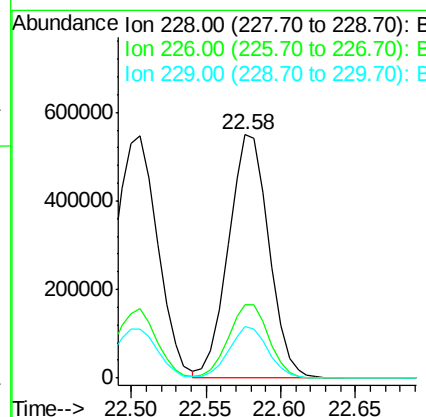
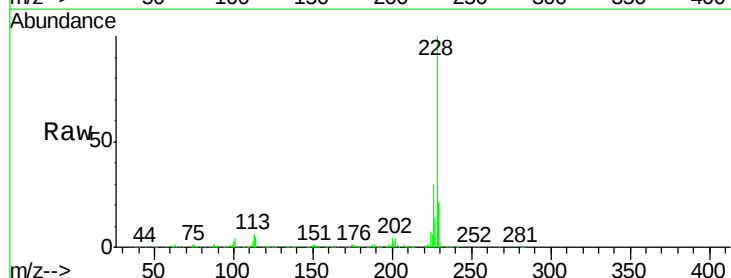
Instrument :
 BNA_G
 ClientSampleId :
 PB105312BS

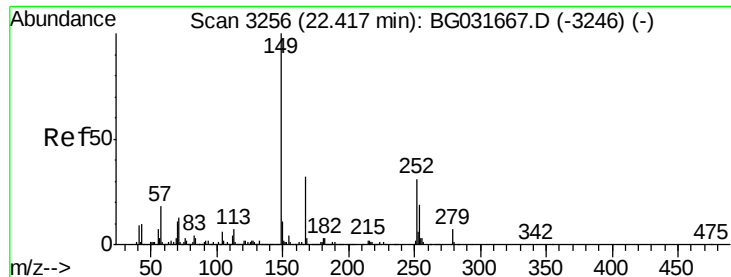
Tgt Ion: 252 Resp: 301826
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.8 76.2
 126 6.1 7.4 11.2#



#82
 Chrysene
 Concen: 38.932 ng
 RT: 22.58 min Scan# 3283
 Delta R.T. -0.05 min
 Lab File: BG031760.D
 Acq: 26 Dec 2017 14:07

Tgt Ion: 228 Resp: 1034611
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 21.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.014 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.06 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

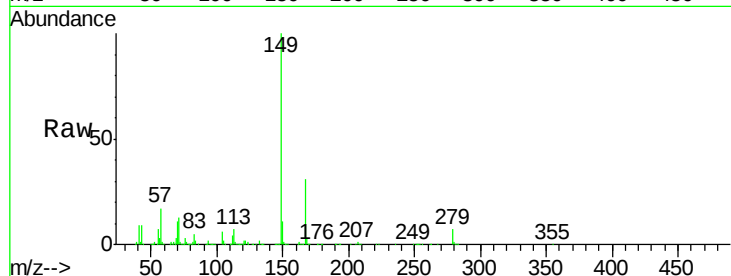
Tgt Ion:149 Resp: 535160

Ion Ratio Lower Upper

149 100

167 30.8 24.3 36.5

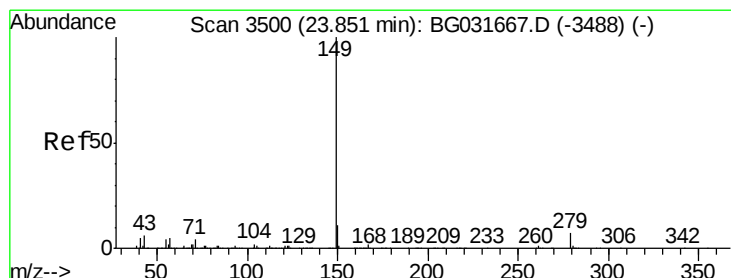
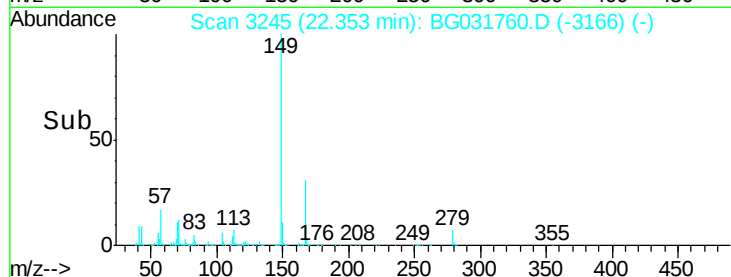
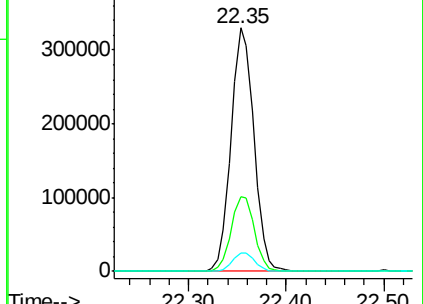
279 7.5 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.445 ng

RT: 23.76 min Scan# 3485

Delta R.T. -0.09 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

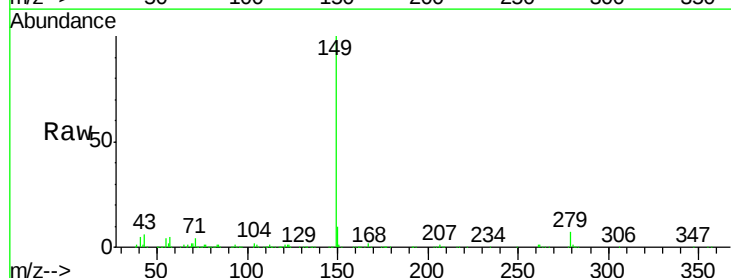
Tgt Ion:149 Resp: 934347

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

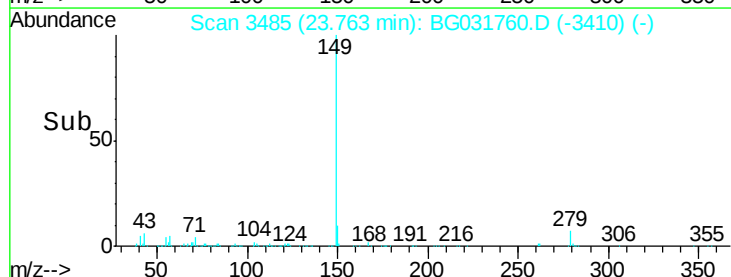
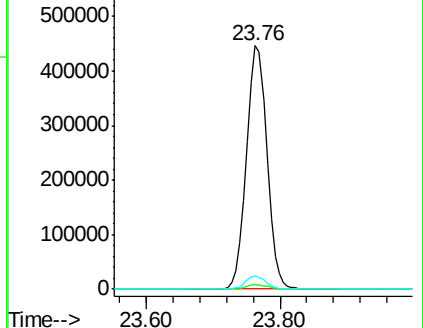
43 5.4 8.9 13.3#

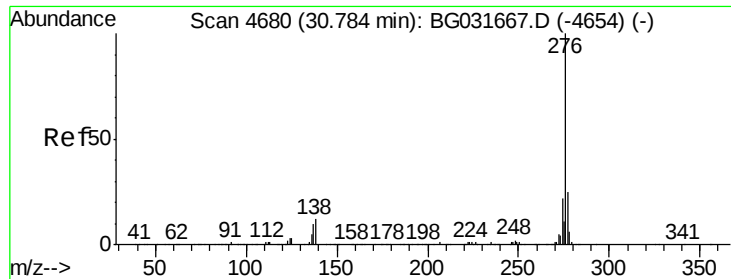


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.134 ng

RT: 30.66 min Scan# 4659

Delta R.T. -0.12 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

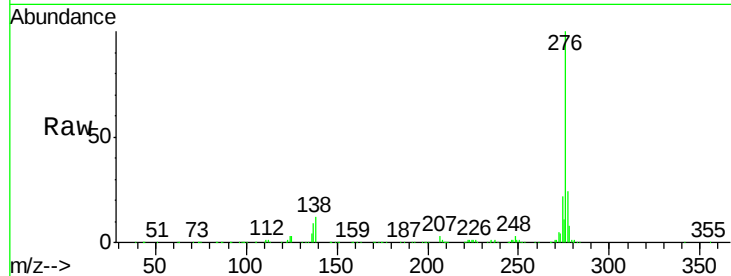
Tgt Ion:276 Resp: 1436455

Ion Ratio Lower Upper

276 100

138 10.9 16.0 24.0#

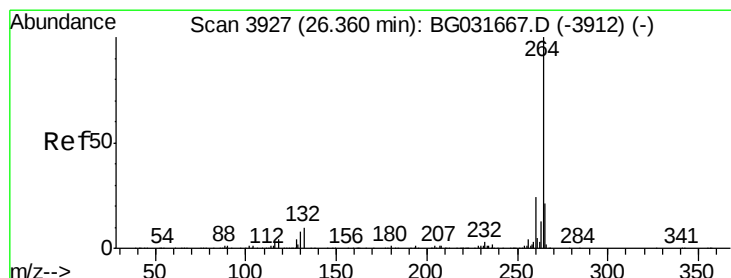
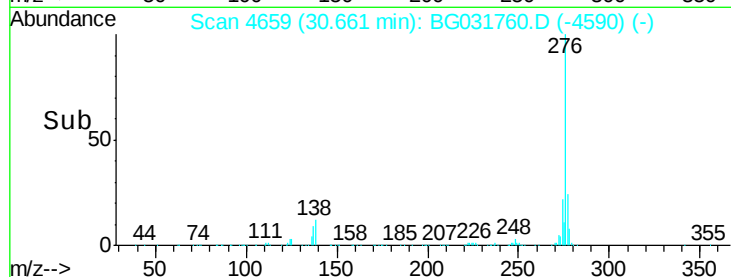
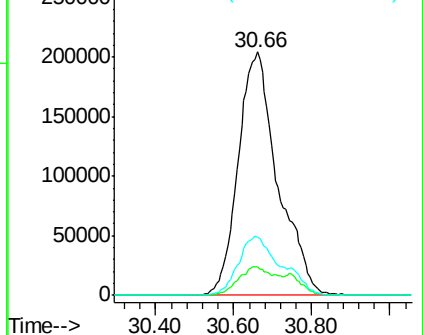
277 22.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.28 min Scan# 3914

Delta R.T. -0.08 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

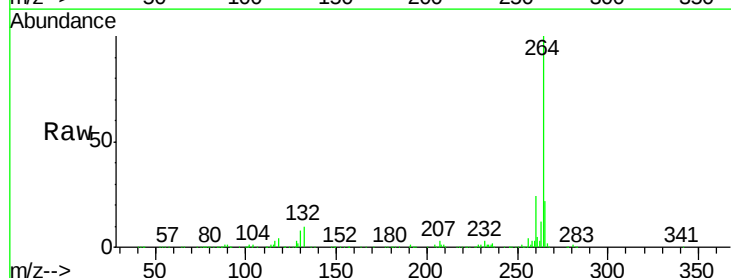
Tgt Ion:264 Resp: 485569

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

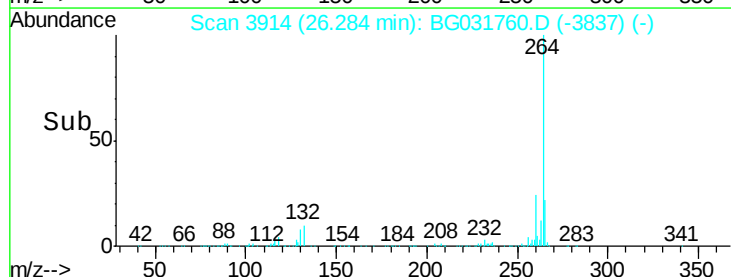
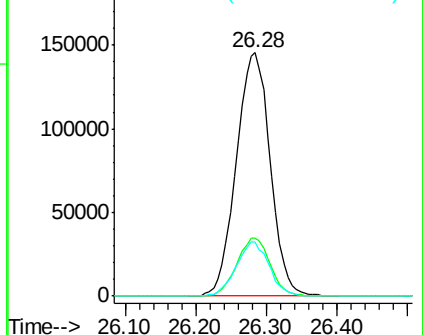
265 22.3 17.7 26.5

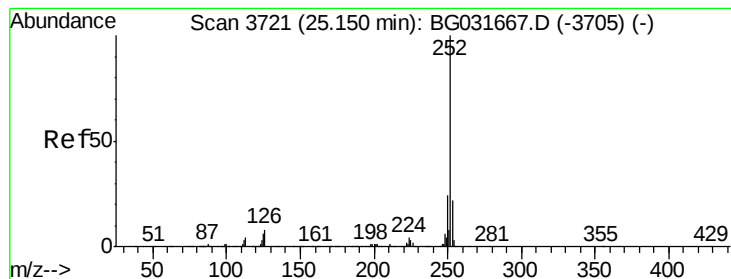


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.194 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.07 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

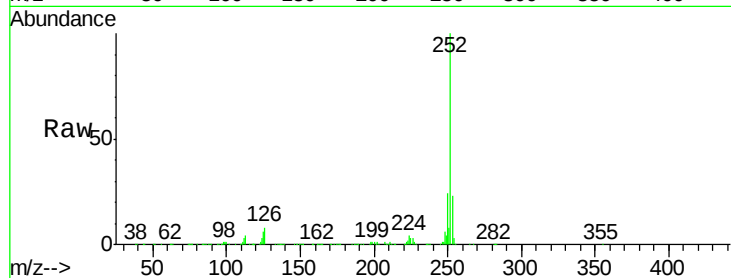
Tgt Ion:252 Resp: 1181342

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.4

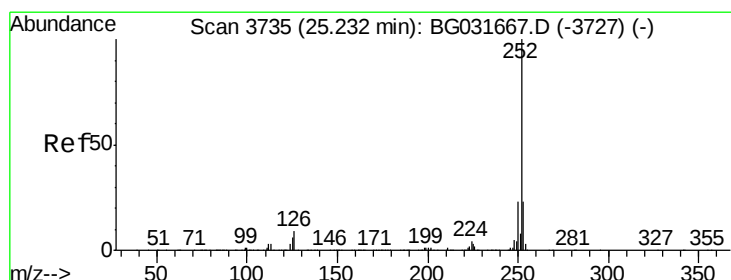
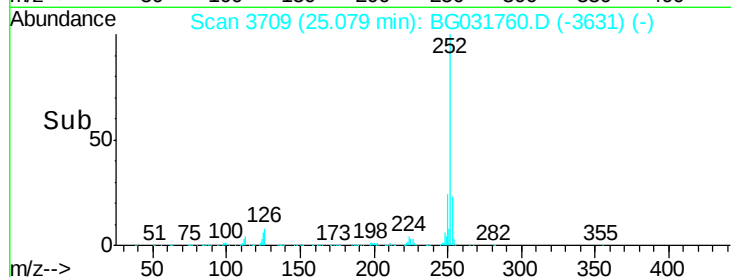
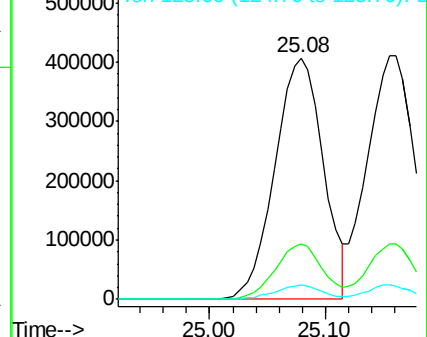
125 5.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.005 ng

RT: 25.16 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

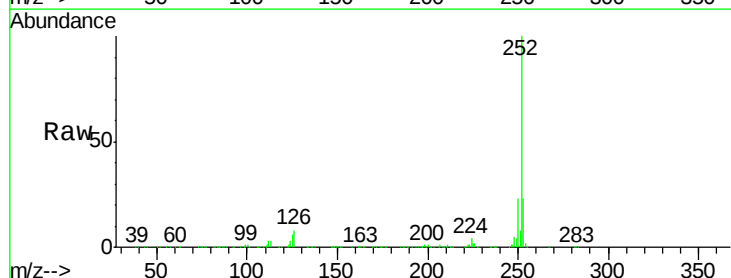
Tgt Ion:252 Resp: 1176570

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

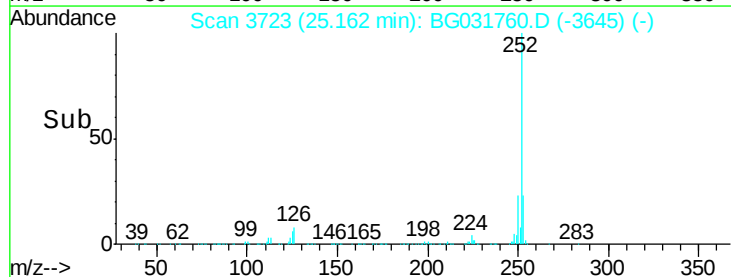
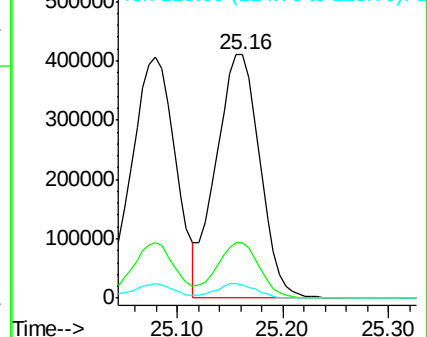
125 5.6 6.6 9.8#

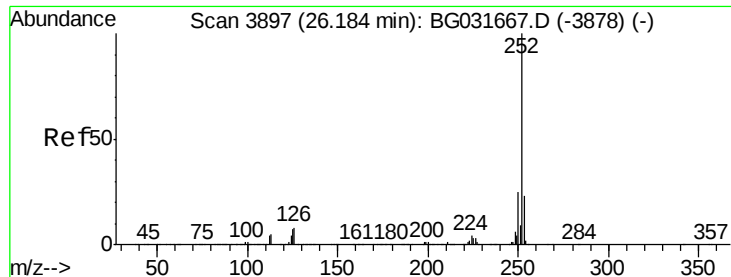


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.692 ng

RT: 26.11 min Scan# 3884

Delta R.T. -0.08 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

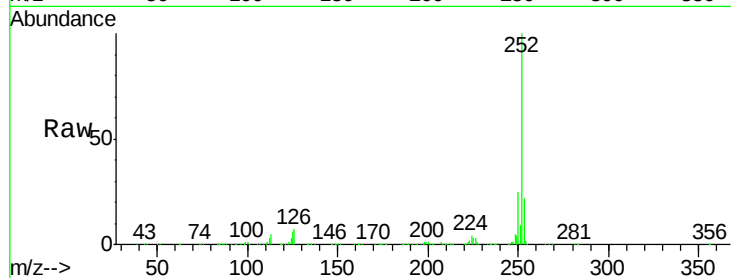
Tgt Ion:252 Resp: 1174651

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

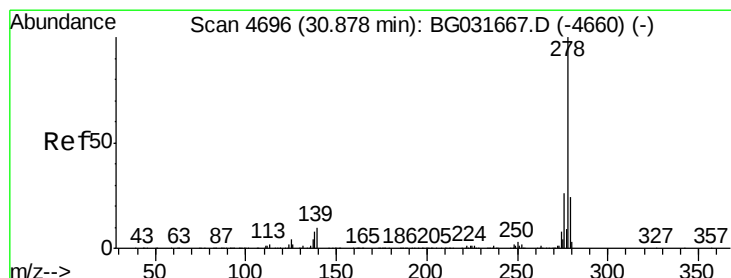
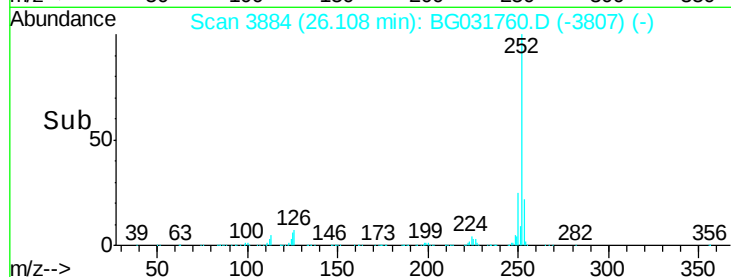
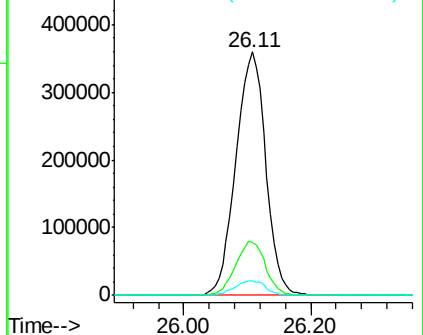
125 5.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.175 ng

RT: 30.74 min Scan# 4673

Delta R.T. -0.13 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

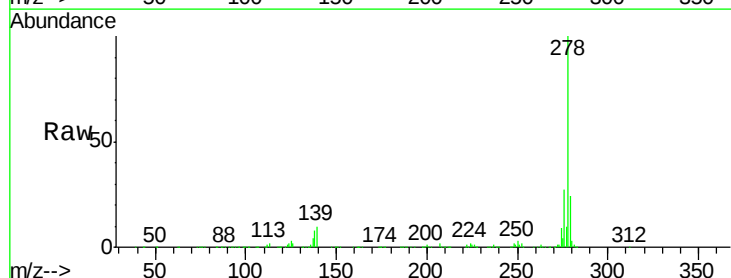
Tgt Ion:278 Resp: 1197743

Ion Ratio Lower Upper

278 100

139 9.8 9.8 14.6

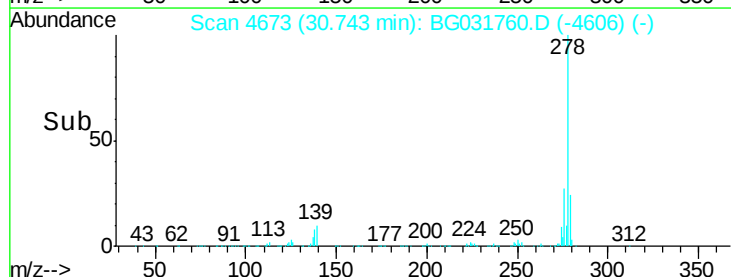
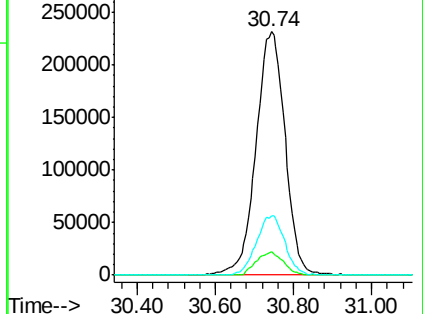
279 24.2 18.4 27.6

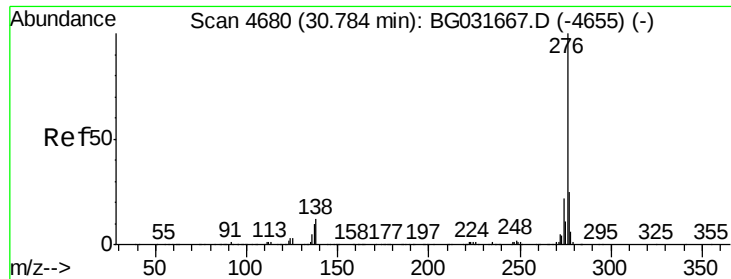


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.809 ng

RT: 30.66 min Scan# 4659

Delta R.T. -0.12 min

Lab File: BG031760.D

Acq: 26 Dec 2017 14:07

Instrument :

BNA_G

ClientSampleId :

PB105312BS

Tgt Ion:276 Resp: 1436455

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 11.9 13.9 20.9#

