

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031210.D
 Acq On : 23 Nov 2017 5:06
 Operator : SJ/JU
 Sample : I6305-12MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 05:40:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58307	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	256510	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	174432	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	449891	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	524116	20.00	ng	-0.02
86) Perylene-d12	25.07	264	525893	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	502709	147.84	ng	-0.01
7) Phenol-d6	7.31	99	615611	134.39	ng	0.00
23) Nitrobenzene-d5	9.30	82	418116	96.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	356132	126.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1195949	98.52	ng	-0.02
78) Terphenyl-d14	20.09	244	2217350	93.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	51987	37.675	ng	83
3) Pyridine	3.96	79	143937	35.931	ng	87
4) n-Nitrosodimethylamine	3.87	42	71897	37.869	ng	# 82
6) Aniline	7.45	93	108149	17.939	ng	90
8) 2-Chlorophenol	7.71	128	194752	51.900	ng	90
9) Benzaldehyde	7.27	77	51162	15.960	ng	87
10) Phenol	7.33	94	217464	45.712	ng	92
11) bis(2-Chloroethyl)ether	7.55	93	176556	46.481	ng	87
12) 1,3-Dichlorobenzene	8.17	146	182245	41.395	ng	95
13) 1,4-Dichlorobenzene	8.17	146	182245	40.850	ng	93
14) 1,2-Dichlorobenzene	8.49	146	177999	41.569	ng	96
15) Benzyl Alcohol	8.38	79	170313	46.350	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	258442	61.597	ng	89
17) 2-Methylphenol	8.58	107	167279	50.495	ng	96
18) Hexachloroethane	9.22	117	61116	39.360	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	147594	42.375	ng	# 92
20) 3+4-Methylphenols	8.92	107	230221	48.872	ng	96
22) Acetophenone	8.96	105	287424	45.003	ng	# 94
24) Nitrobenzene	9.35	77	212042	47.953	ng	# 89
25) Isophorone	9.86	82	423447	50.157	ng	# 93
26) 2-Nitrophenol	10.06	139	114446	49.653	ng	# 87
27) 2,4-Dimethylphenol	10.12	122	199671	58.352	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	259182	48.744	ng	98
29) 2,4-Dichlorophenol	10.61	162	228292	55.559	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	225538	45.975	ng	98
31) Naphthalene	11.00	128	603503	47.860	ng	98
32) Benzoic acid	10.12	122	199671	67.459	ng	# 6
33) 4-Chloroaniline	11.12	127	28389	5.143	ng	# 94
34) Hexachlorobutadiene	11.27	225	140956	41.431	ng	97
35) Caprolactam	11.88	113	27697	16.501	ng	# 74
36) 4-Chloro-3-methylphenol	12.23	107	229368	51.288	ng	85
37) 2-Methylnaphthalene	12.60	142	477125	49.014	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	300054	43.341	ng	97
40) Hexachlorocyclopentadiene	12.94	237	214918	83.412	ng	93

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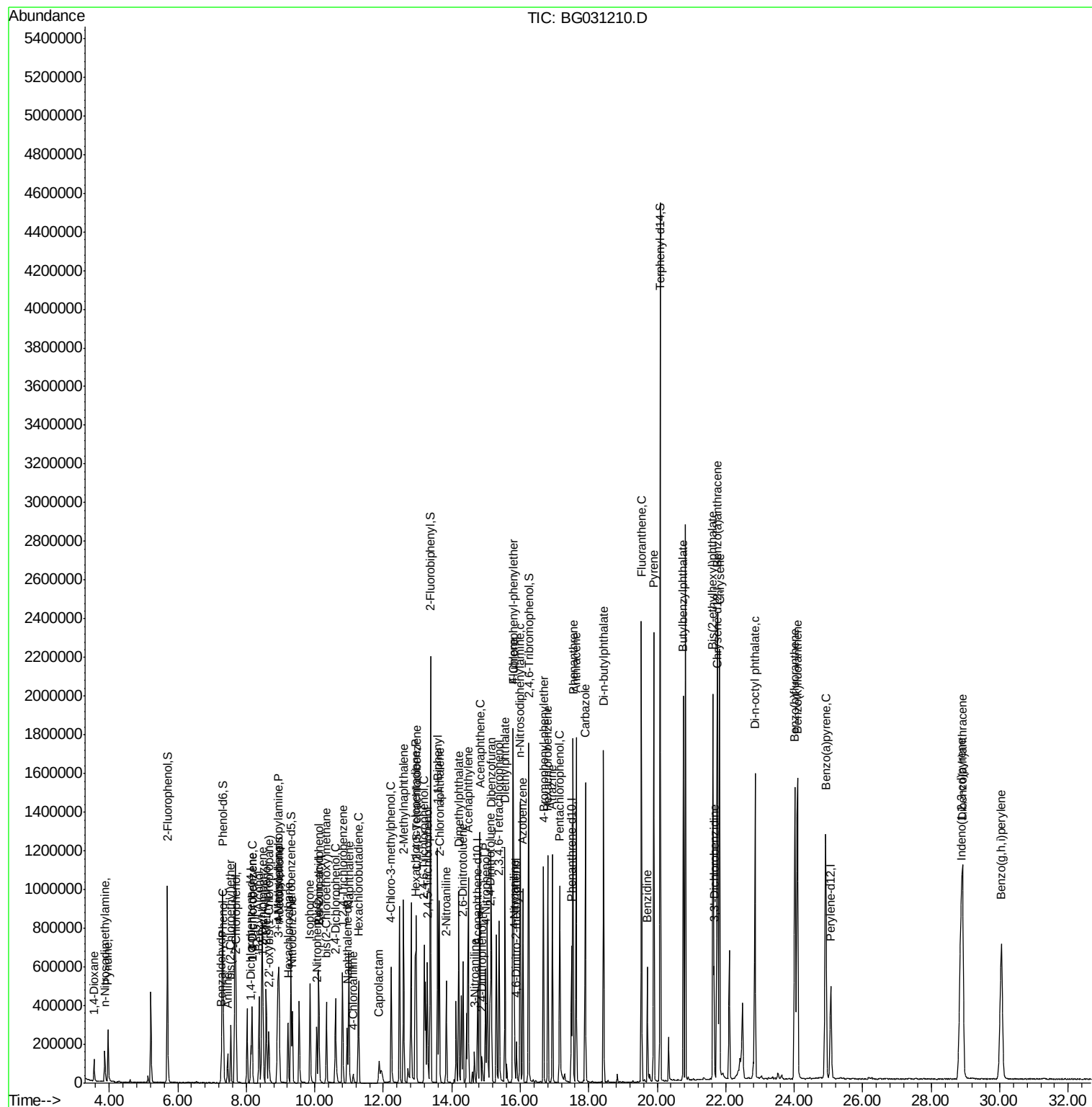
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	204593	51.695	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	218942	50.561	ng	# 92
45) 1,1'-Biphenyl	13.59	154	658950	45.556	ng	98
46) 2-Chloronaphthalene	13.64	162	524529	50.260	ng	96
47) 2-Nitroaniline	13.84	65	149096	48.200	ng	# 80
48) Acenaphthylene	14.48	152	808306	47.322	ng	98
49) Dimethylphthalate	14.20	163	721784	47.857	ng	99
50) 2,6-Dinitrotoluene	14.33	165	164666	52.971	ng	# 76
51) Acenaphthene	14.82	154	515782	48.350	ng	98
52) 3-Nitroaniline	14.66	138	52179	15.808	ng	# 76
53) 2,4-Dinitrophenol	14.88	184	49812	32.856	ng	# 49
54) Dibenzofuran	15.15	168	847452	49.874	ng	99
55) 4-Nitrophenol	14.99	139	201934	85.882	ng	# 82
56) 2,4-Dinitrotoluene	15.12	165	240298	53.470	ng	# 69
57) Fluorene	15.80	166	681916	49.432	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	224225	54.331	ng	# 89
59) Diethylphthalate	15.56	149	723422	47.221	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	402783	48.345	ng	91
61) 4-Nitroaniline	15.83	138	163457	46.766	ng	87
62) Azobenzene	16.08	77	570905	48.863	ng	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	69626	23.283	ng	# 76
65) n-Nitrosodiphenylamine	16.00	169	638848	46.861	ng	99
66) 4-Bromophenyl-phenylether	16.68	248	267784	46.996	ng	97
67) Hexachlorobenzene	16.81	284	274117	45.275	ng	94
68) Atrazine	16.94	200	264998	47.112	ng	96
69) Pentachlorophenol	17.15	266	251119	75.034	ng	98
70) Phenanthrene	17.54	178	1183670	50.531	ng	98
71) Anthracene	17.63	178	1196362	50.971	ng	99
72) Carbazole	17.90	167	1108674	50.411	ng	98
73) Di-n-butylphthalate	18.44	149	1277280	47.301	ng	100
74) Fluoranthene	19.54	202	1524210	51.392	ng	96
76) Benzidine	19.71	184	404670	24.036	ng	97
77) Pyrene	19.90	202	1563027	50.257	ng	96
79) Butylbenzylphthalate	20.76	149	635708	51.265	ng	85
80) Benzo(a)anthracene	21.75	228	1613503	49.561	ng	97
81) 3,3'-Dichlorobenzidine	21.66	252	240167	18.275	ng	96
82) Chrysene	21.82	228	1523684	50.595	ng	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	884558	49.417	ng	99
84) Di-n-octyl phthalate	22.85	149	1521376	52.219	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1795394	49.039	ng	# 79
87) Benzo(b)fluoranthene	24.02	252	1607092	50.520	ng	98
88) Benzo(k)fluoranthene	24.09	252	1603319	50.849	ng	97
89) Benzo(a)pyrene	24.92	252	1566524	51.837	ng	99
90) Dibenzo(a,h)anthracene	28.92	278	1488620	48.193	ng	98
91) Benzo(g,h,i)perylene	30.05	276	1484036	49.502	ng	99

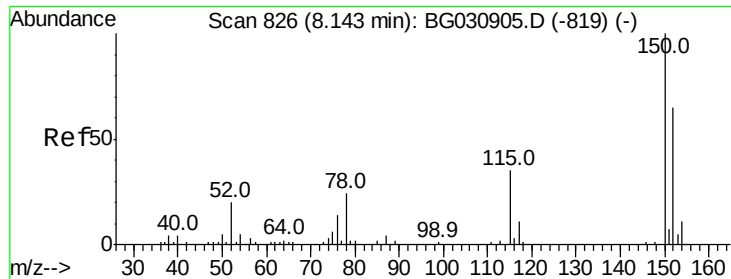
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

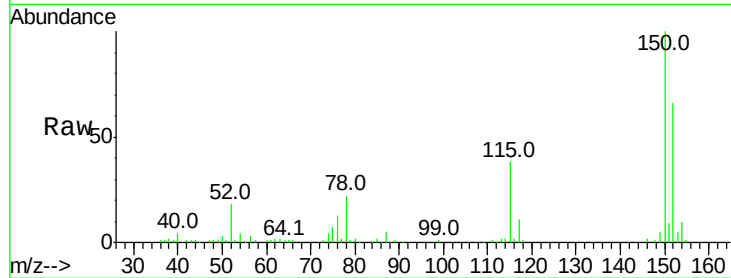
Tot Ion:152 Resp: 58307

Ion Ratio Lower Upper

152 100

150 151.3 126.6 189.8

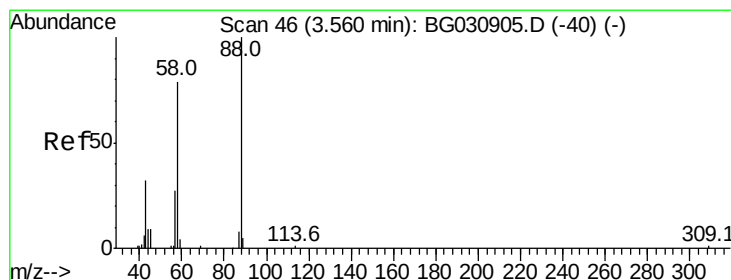
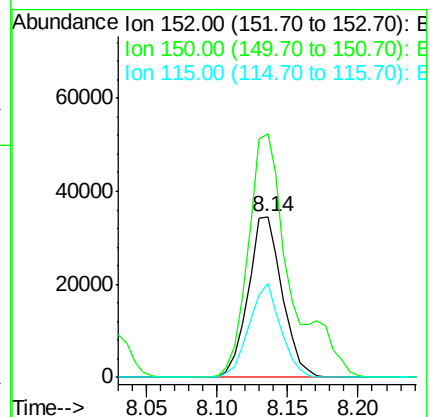
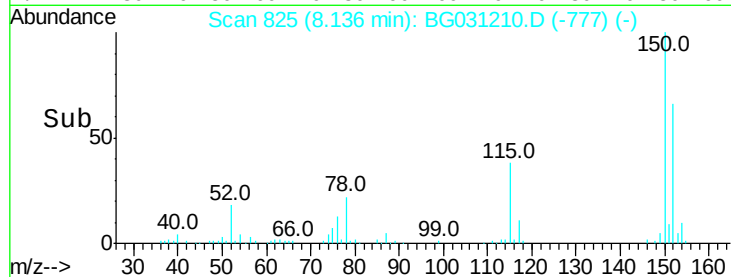
115 58.0 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.675 ng

RT: 3.55 min Scan# 45

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

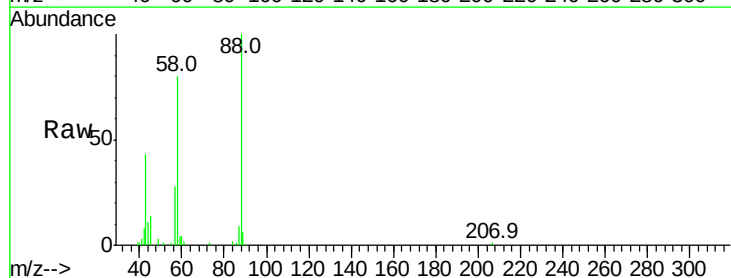
Tgt Ion: 88 Resp: 51987

Ion Ratio Lower Upper

88 100

58 80.0 79.6 119.4

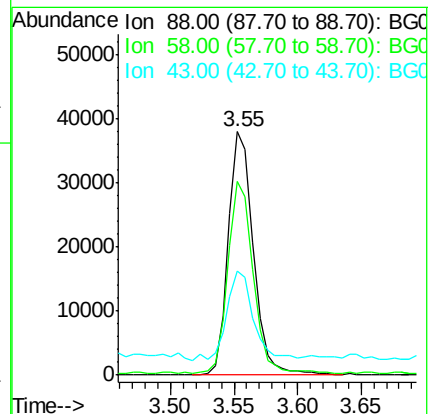
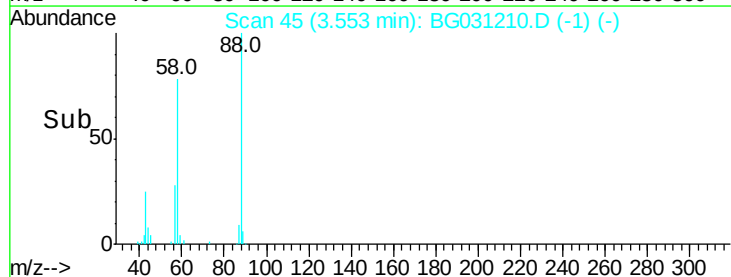
43 39.4 27.4 41.0

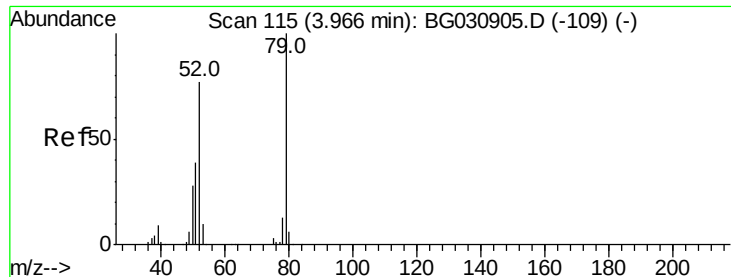


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

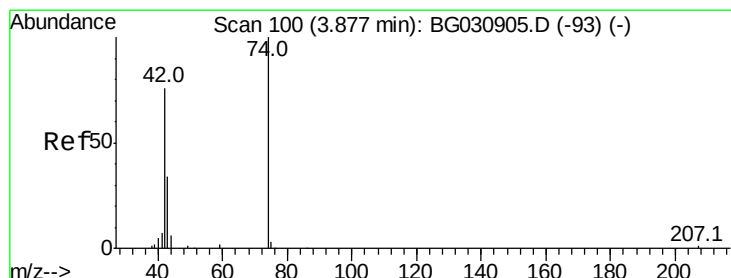
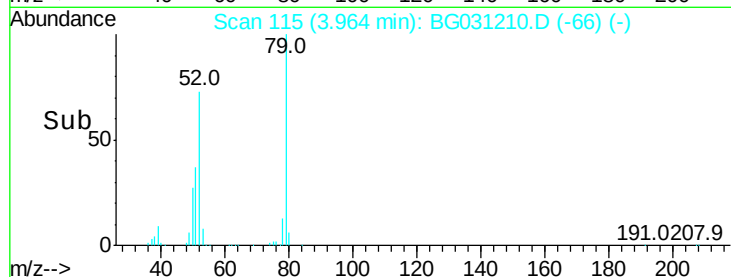
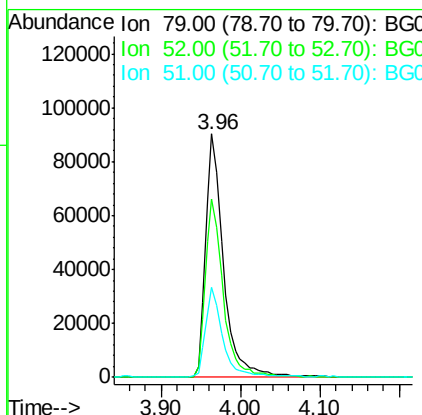
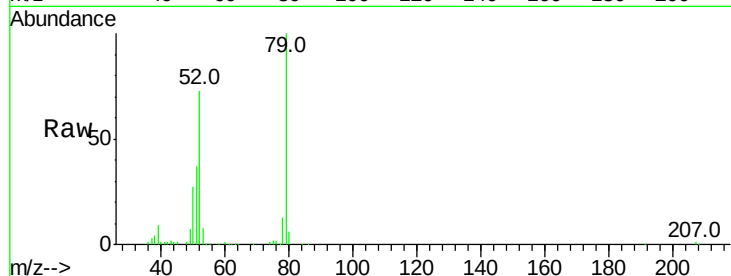




#3
 Pvridine
 Concen: 35.931 ng
 RT: 3.96 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

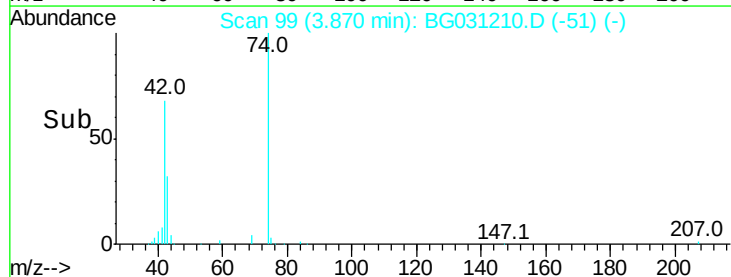
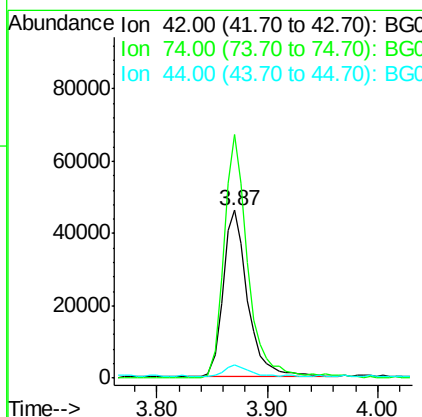
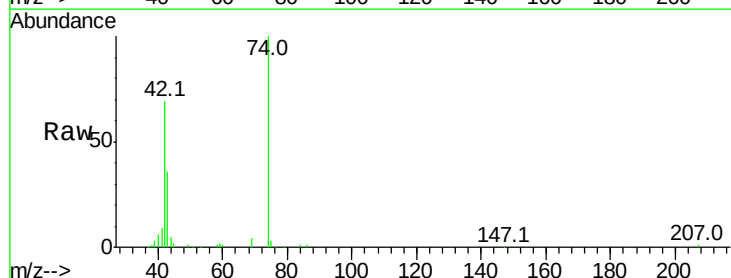
Instrument :
 BNA_G
 ClientSampleId :

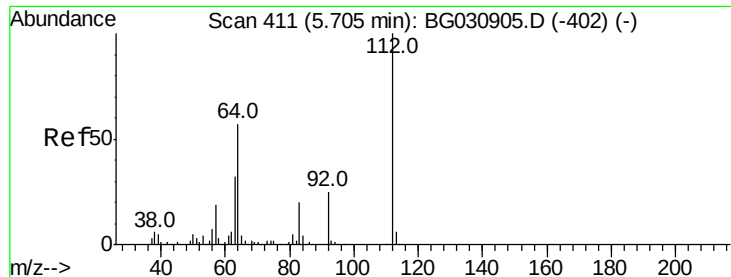
Tot Ion: 79 Resp: 143937
 Ion Ratio Lower Upper
 79 100
 52 73.4 69.9 104.9
 51 36.7 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 37.869 ng
 RT: 3.87 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion: 42 Resp: 71897
 Ion Ratio Lower Upper
 42 100
 74 145.3 102.5 153.7
 44 7.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 147.842 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

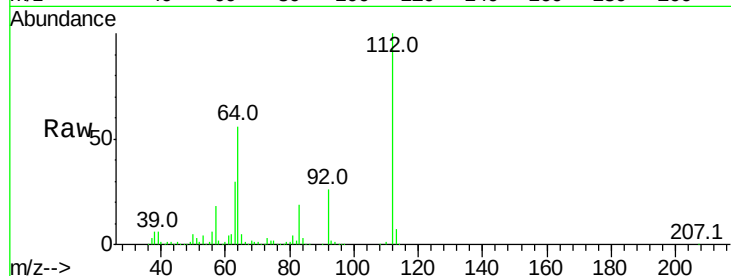
Tot Ion:112 Resp: 502709

Ion Ratio Lower Upper

112 100

64 55.7 56.3 84.5#

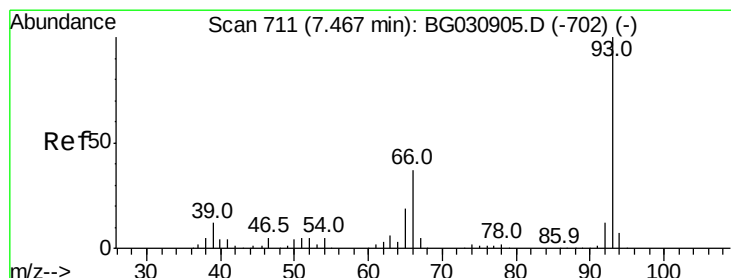
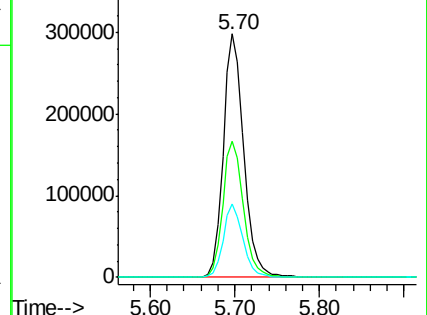
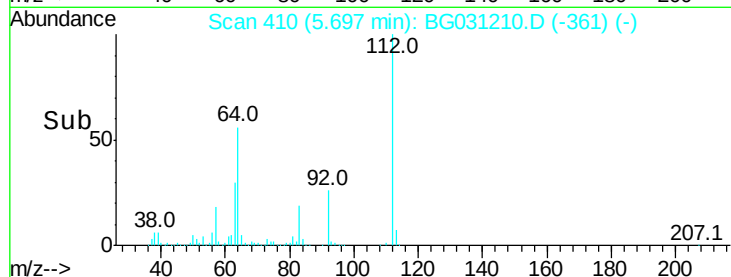
63 30.0 30.1 45.1#



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: 17.939 ng

RT: 7.45 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

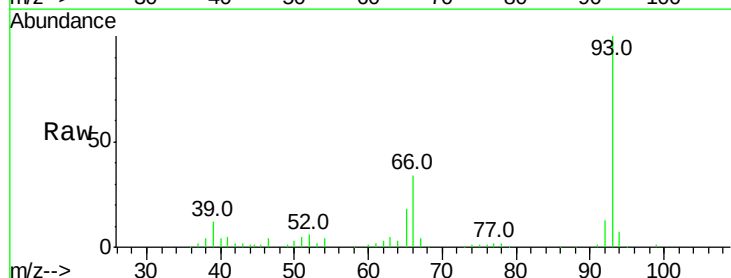
Tgt Ion: 93 Resp: 108149

Ion Ratio Lower Upper

93 100

66 34.3 33.7 50.5

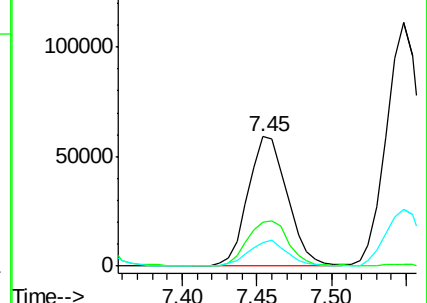
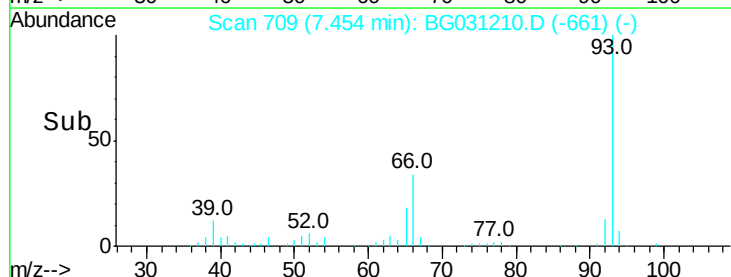
65 18.4 16.1 24.1

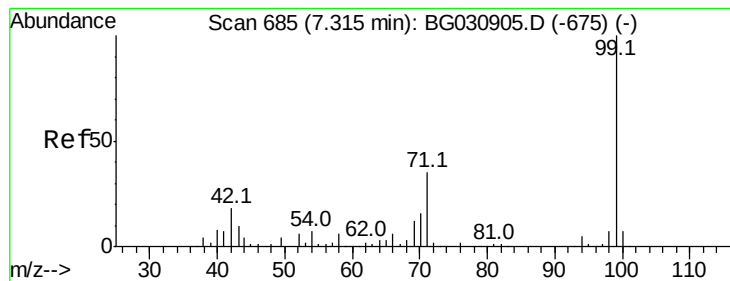


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.385 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampled :

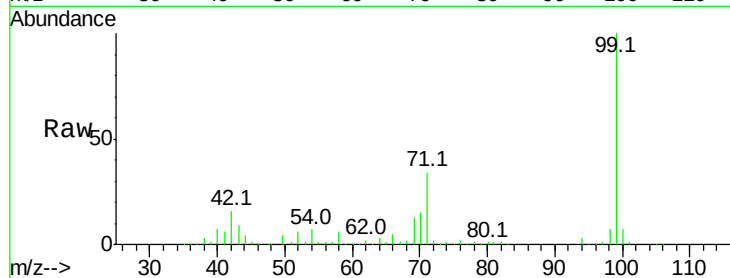
Tot Ion: 99 Resp: 615611

Ion Ratio Lower Upper

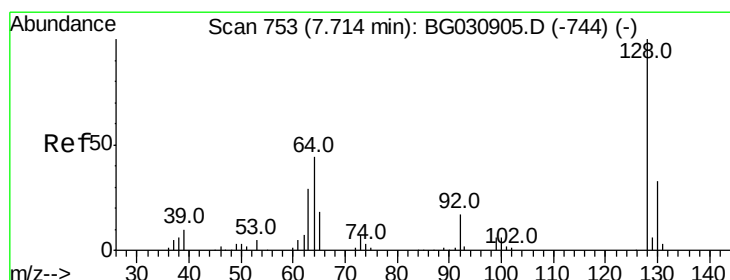
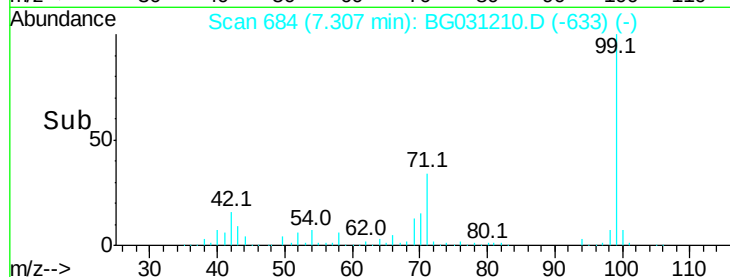
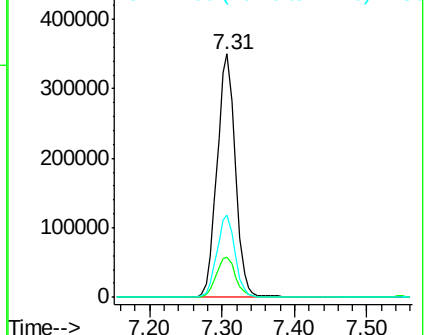
99 100

42 16.5 14.1 21.1

71 33.8 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: 51.900 ng

RT: 7.71 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

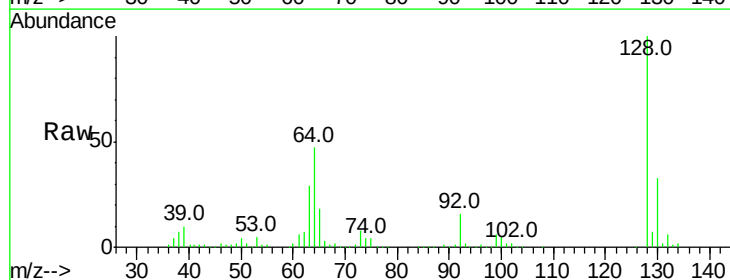
Tgt Ion: 128 Resp: 194752

Ion Ratio Lower Upper

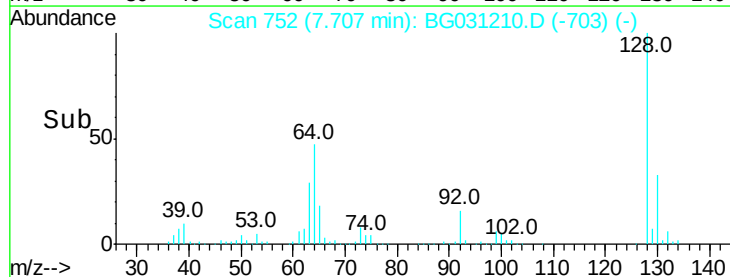
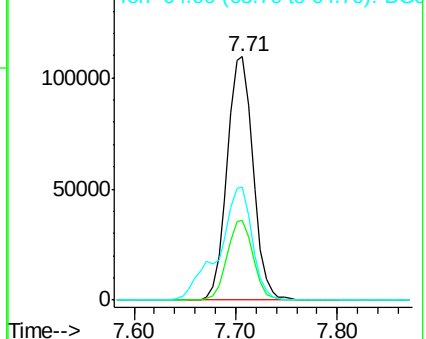
128 100

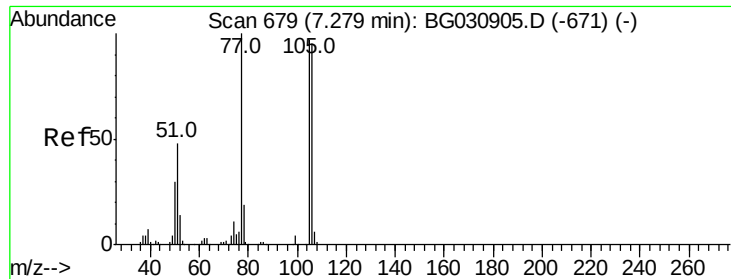
130 33.0 14.0 54.0

64 46.6 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: 15.960 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

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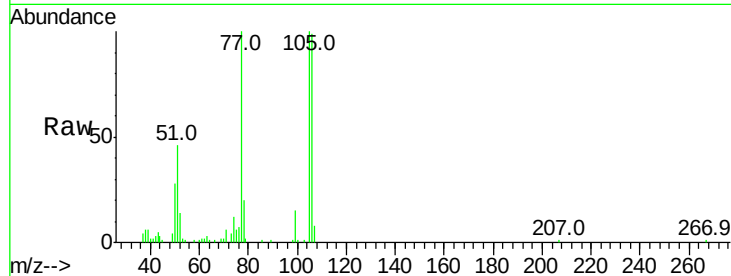
Tot Ion: 77 Resp: 51162

Ion Ratio Lower Upper

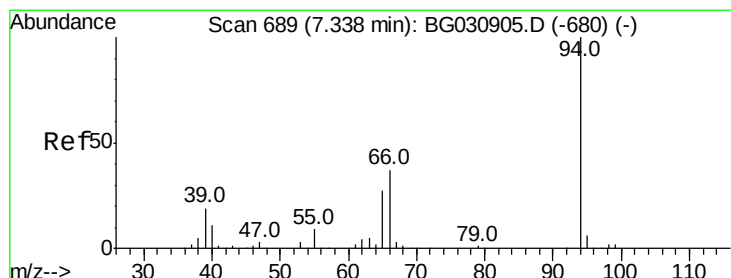
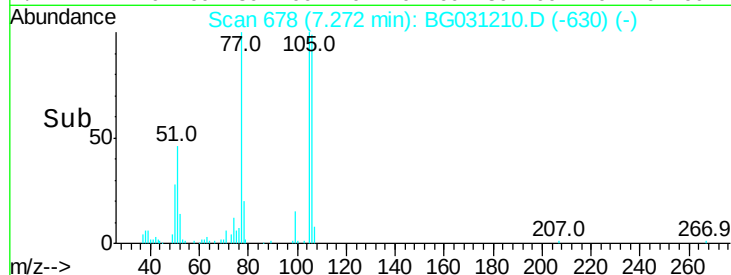
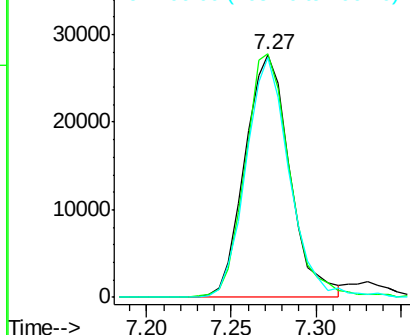
77 100

105 100.2 71.3 111.3

106 98.9 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: 45.712 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

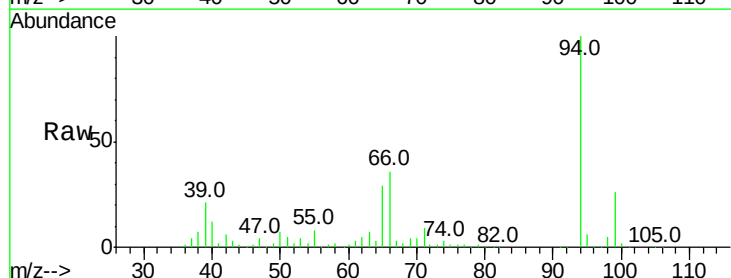
Tgt Ion: 94 Resp: 217464

Ion Ratio Lower Upper

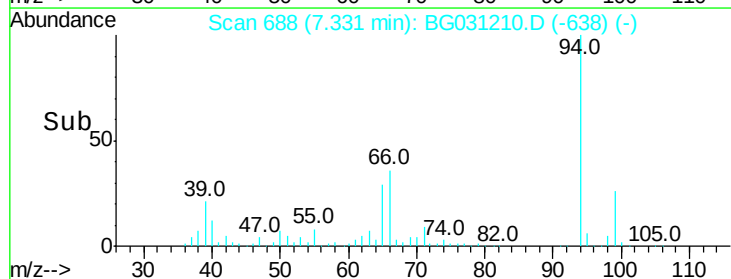
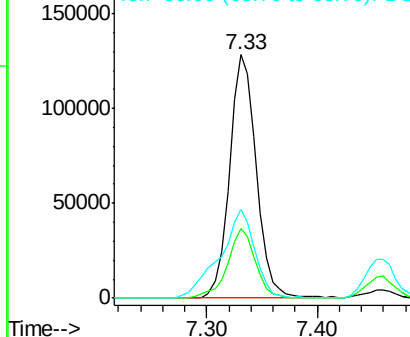
94 100

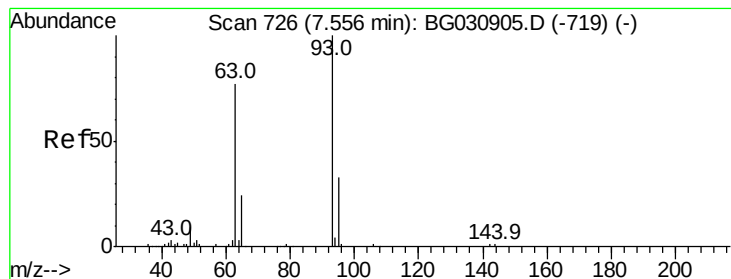
65 28.6 11.9 51.9

66 36.4 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: 46.481 ng

RT: 7.55 min Scan# 725

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampled :

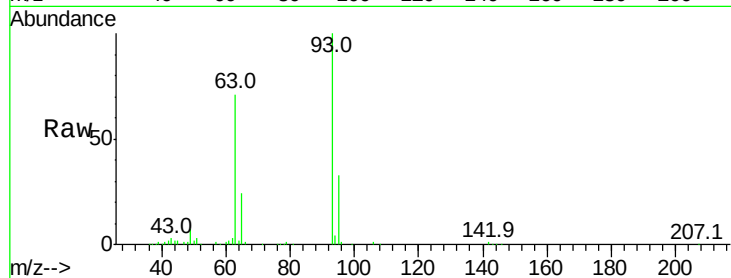
Tot Ion: 93 Resp: 176556

Ion Ratio Lower Upper

93 100

63 71.4 67.1 107.1

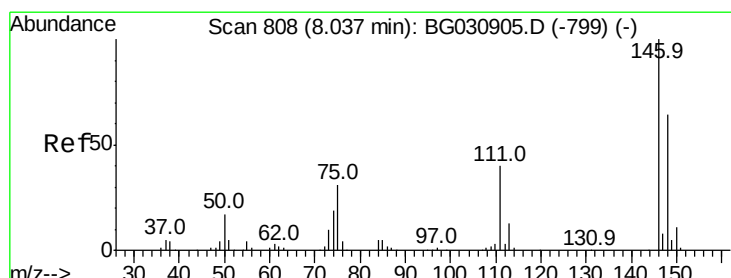
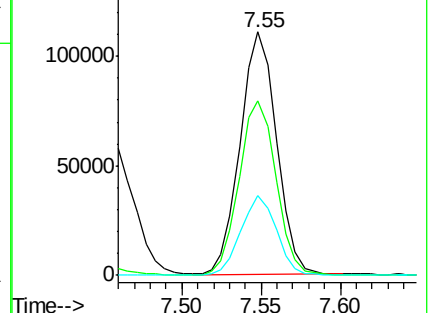
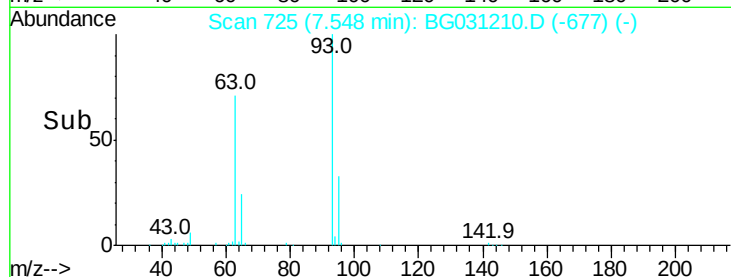
95 32.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.395 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.13 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

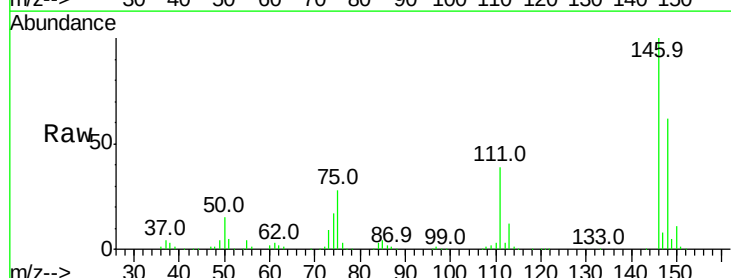
Tgt Ion: 146 Resp: 182245

Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

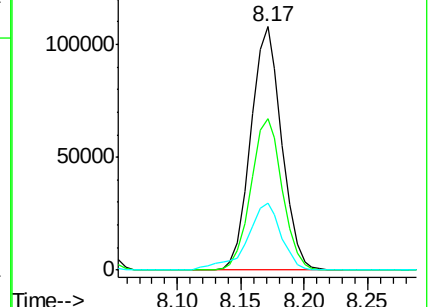
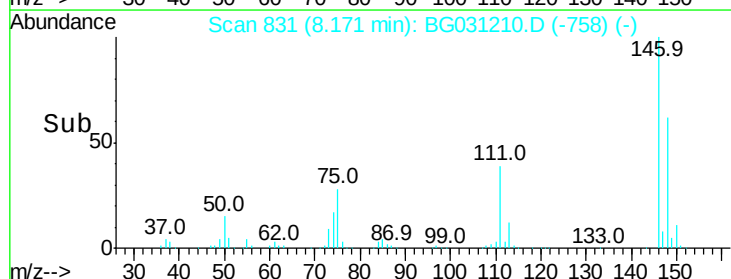
75 27.7 26.6 39.8

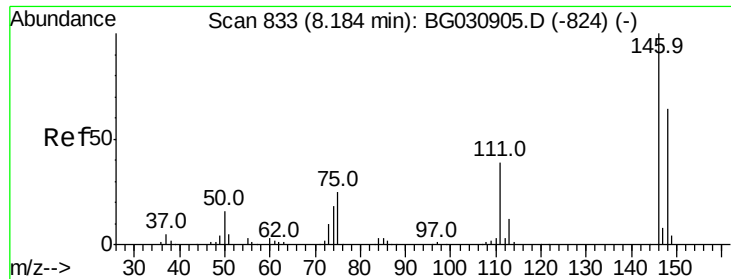


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

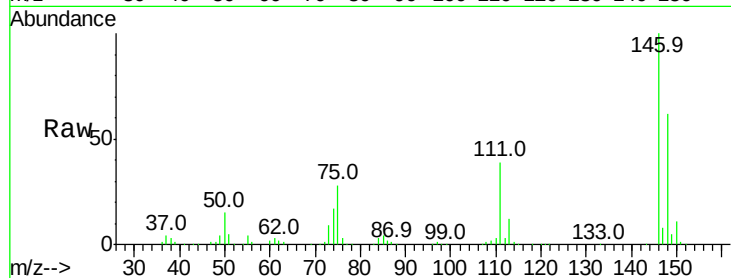




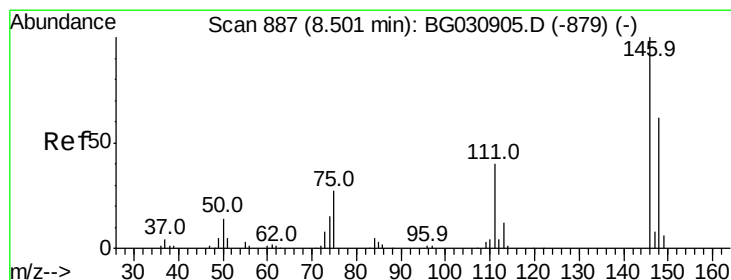
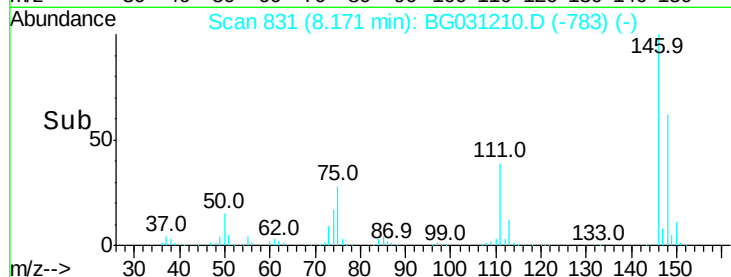
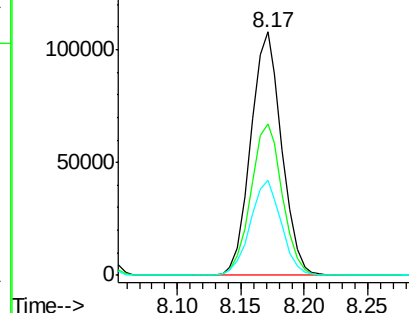
#13
 1,4-Dichlorobenzene
 Concen: 40.850 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:146 Resp: 182245
 Ion Ratio Lower Upper
 146 100
 148 62.4 53.7 80.5
 111 39.1 35.2 52.8

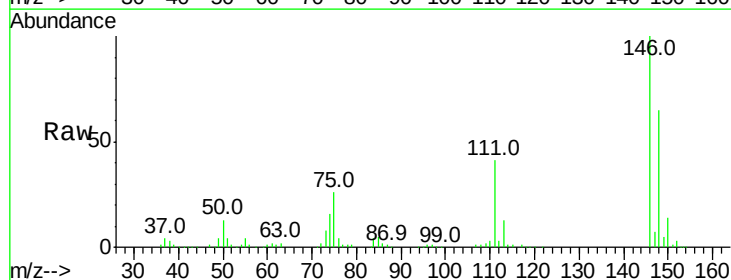


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

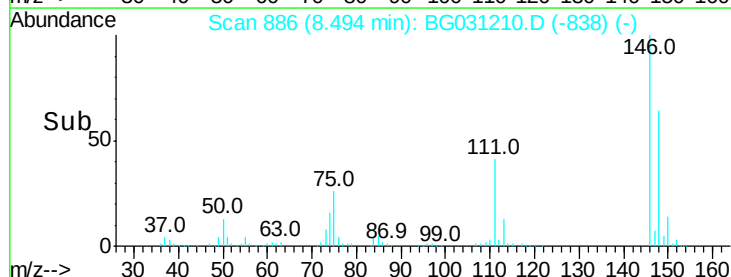
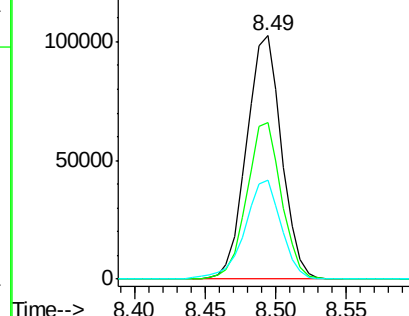


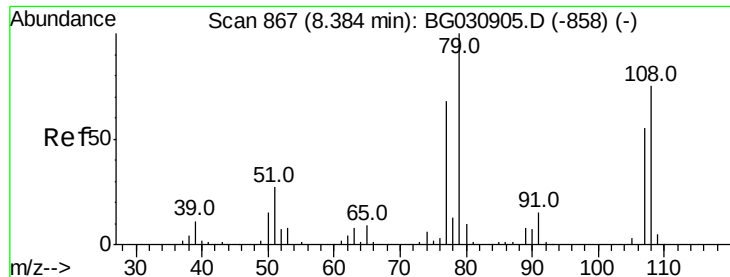
#14
 1,2-Dichlorobenzene
 Concen: 41.569 ng
 RT: 8.49 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:146 Resp: 177999
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.3 73.9
 111 40.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 46.350 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampled :

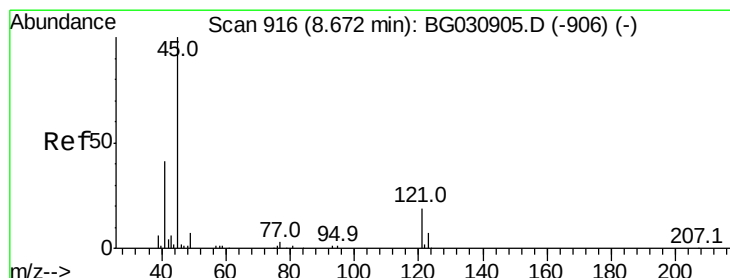
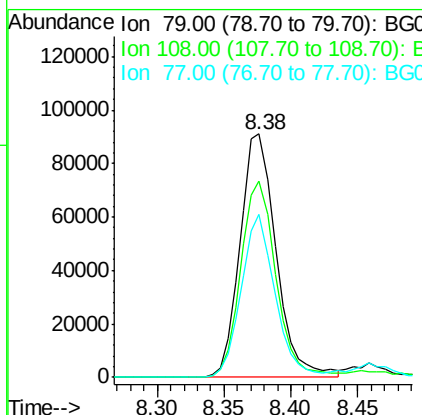
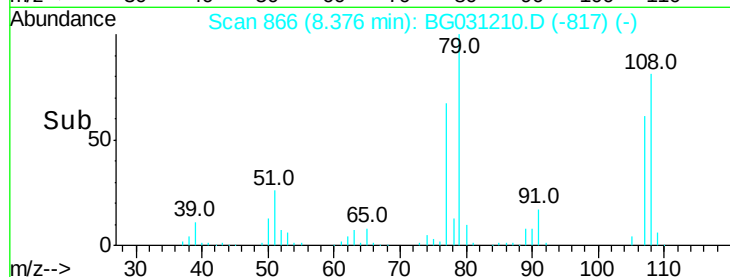
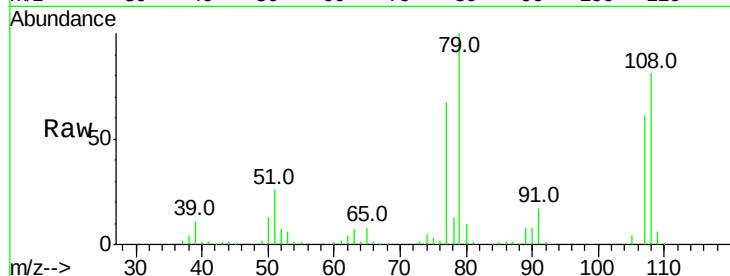
Tot Ion: 79 Resp: 170313

Ion Ratio Lower Upper

79 100

108 80.5 57.2 85.8

77 67.1 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 61.597 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

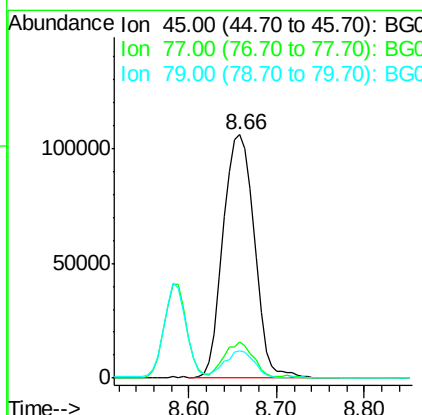
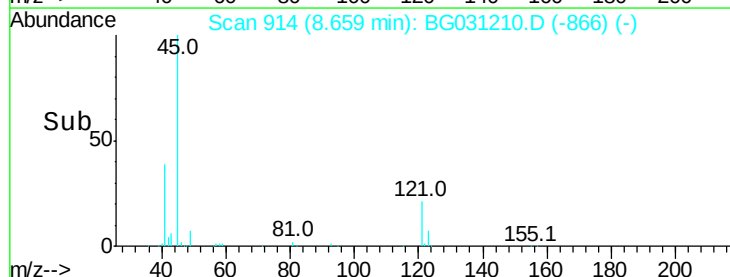
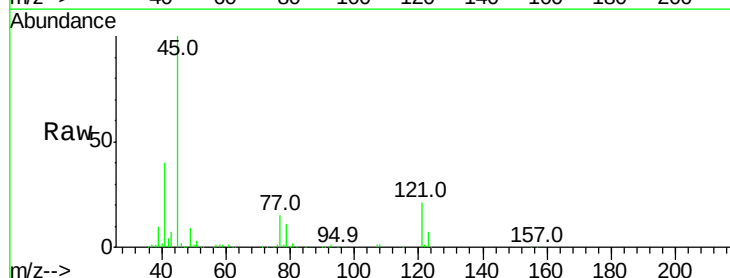
Tgt Ion: 45 Resp: 258442

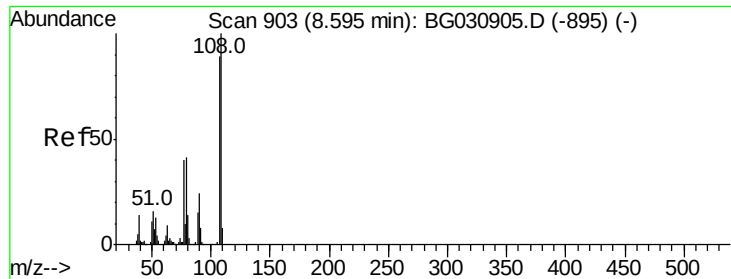
Ion Ratio Lower Upper

45 100

77 14.9 0.0 30.2

79 11.2 0.0 27.9





#17

2-Methylphenol

Concen: 50.495 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 167279

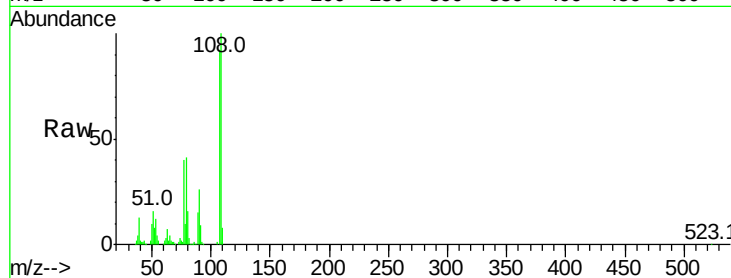
Ion Ratio Lower Upper

107 100

108 108.7 83.9 125.9

77 43.2 37.2 55.8

79 44.1 36.2 54.2

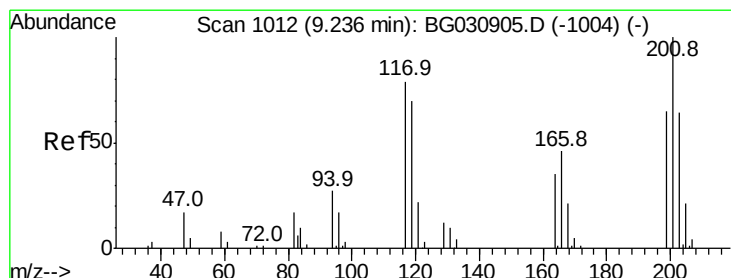
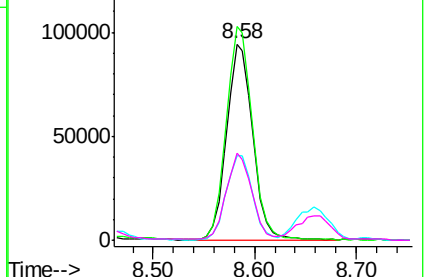
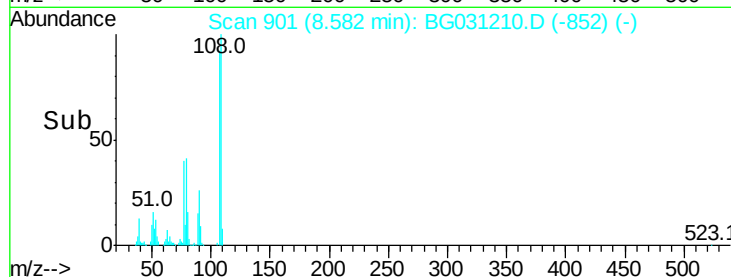


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.360 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

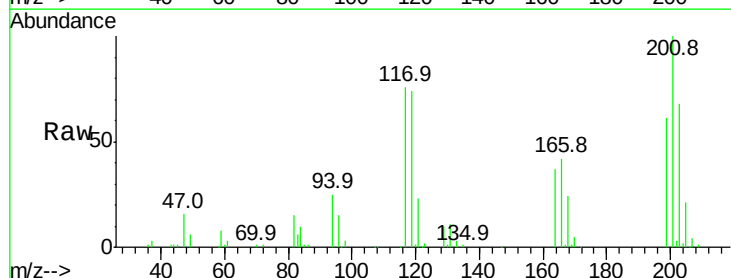
Tgt Ion:117 Resp: 61116

Ion Ratio Lower Upper

117 100

119 97.3 76.7 115.1

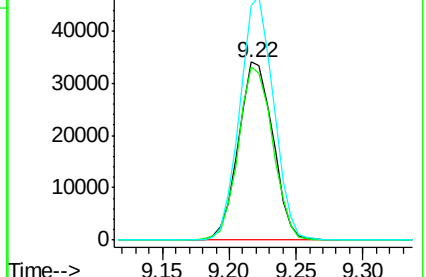
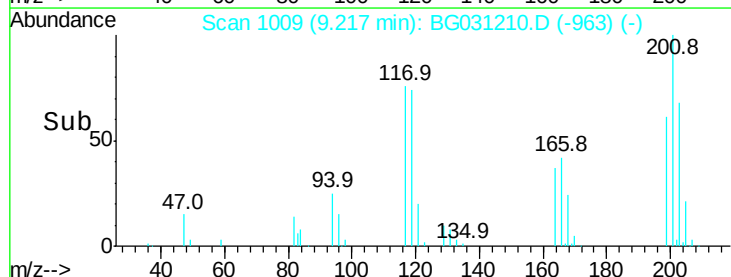
201 132.0 95.7 143.5

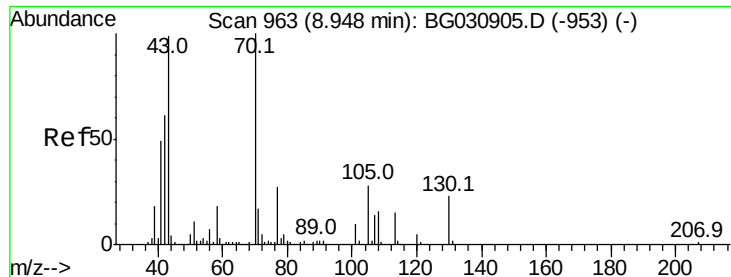


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

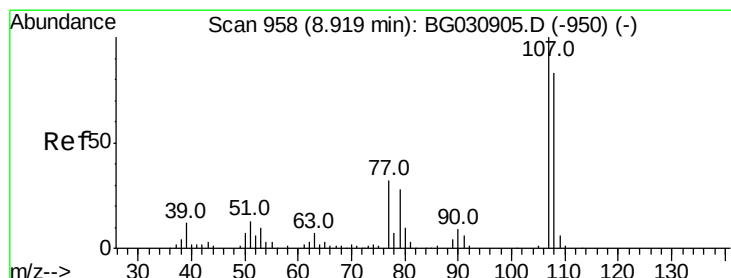
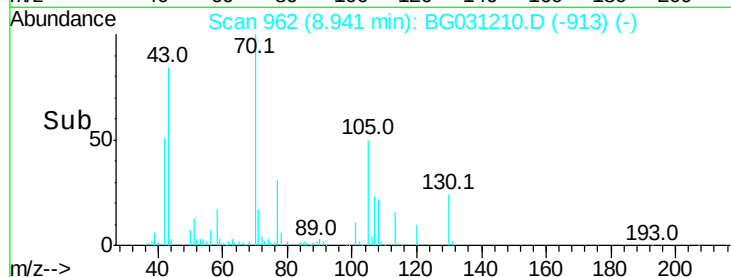
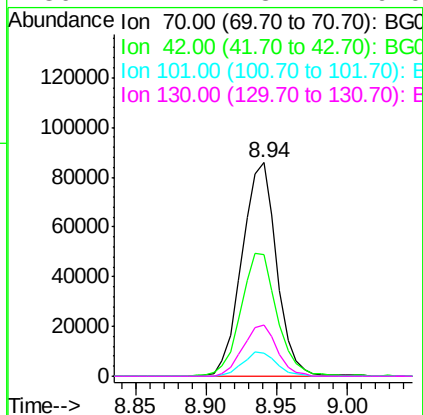
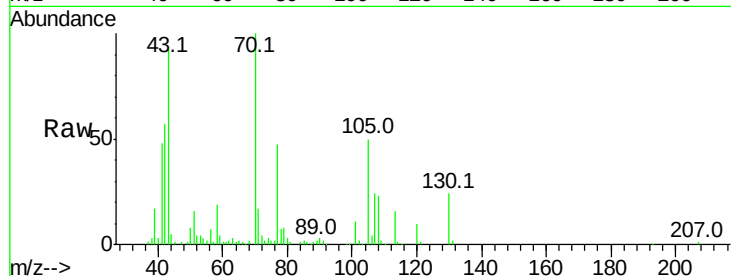




#19
n-Nitroso-di-n-propylamine
Concen: 42.375 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

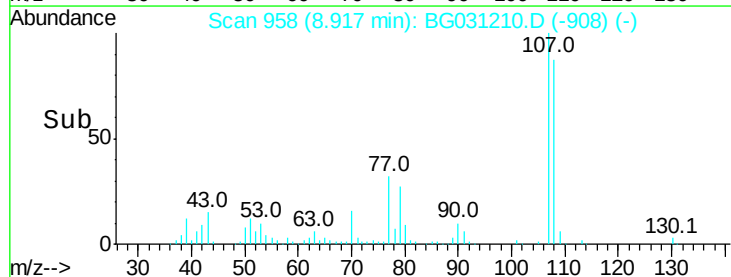
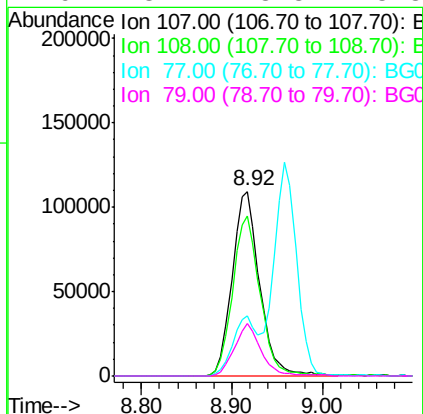
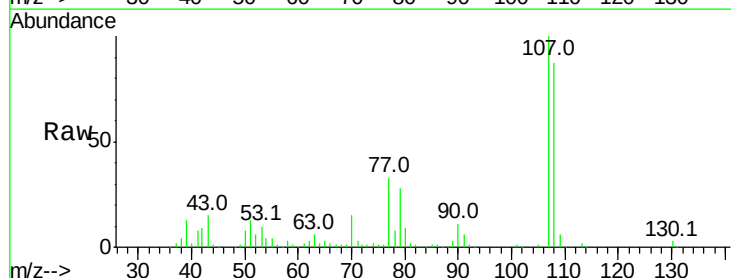
Instrument :
BNA_G
ClientSampleId :

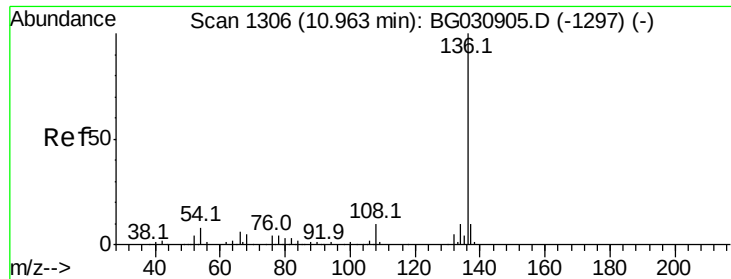
Tot Ion: 70 Resp: 147594
Ion Ratio Lower Upper
70 100
42 56.7 49.1 73.7
101 10.9 8.5 12.7
130 24.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 48.872 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion: 107 Resp: 230221
Ion Ratio Lower Upper
107 100
108 87.0 61.6 101.6
77 32.7 13.9 53.9
79 28.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 256510

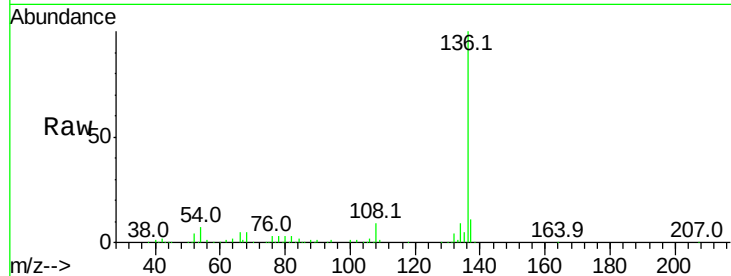
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 10.3 15.5#

68 5.0 4.5 6.7

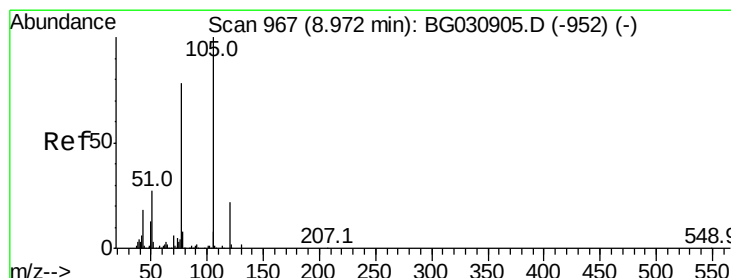
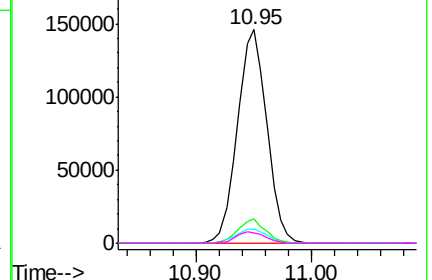
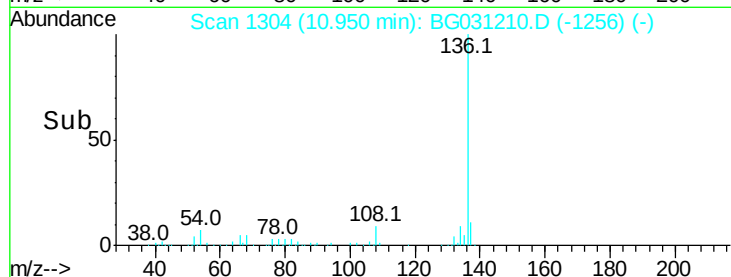


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.003 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:105 Resp: 287424

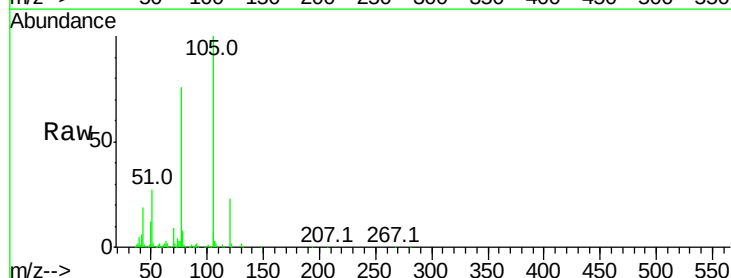
Ion Ratio Lower Upper

105 100

71 1.5 3.0 4.4#

51 27.4 26.1 39.1

120 22.6 17.4 26.2

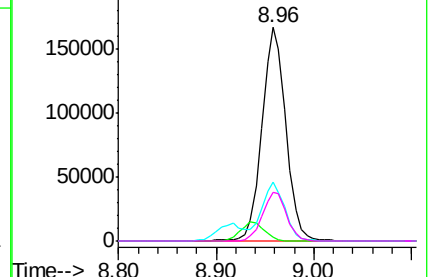
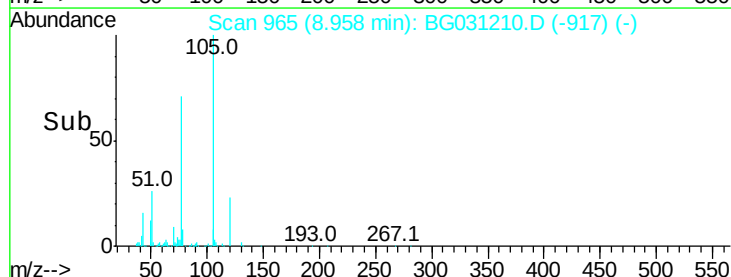


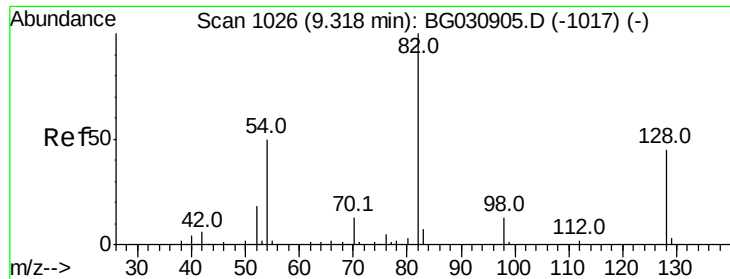
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

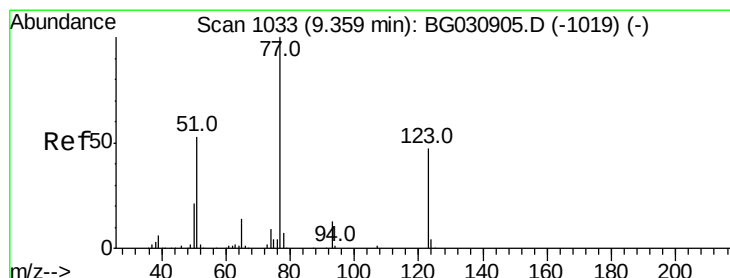
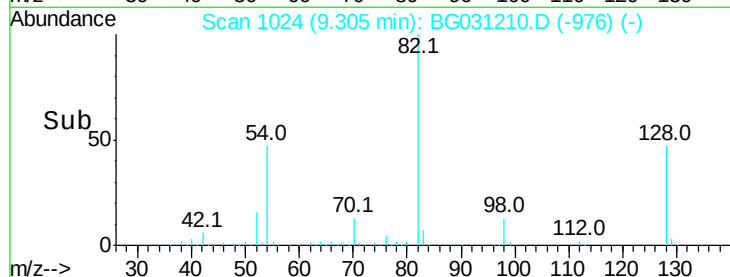
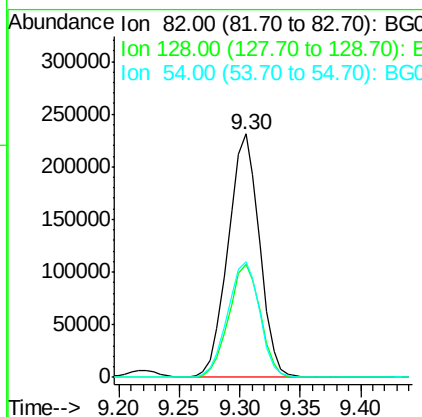
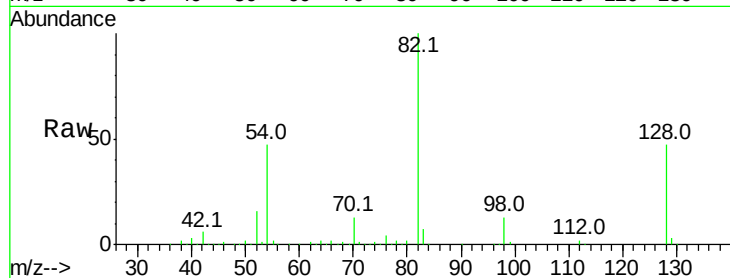




#23
Nitrobenzene-d5
Concen: 96.589 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

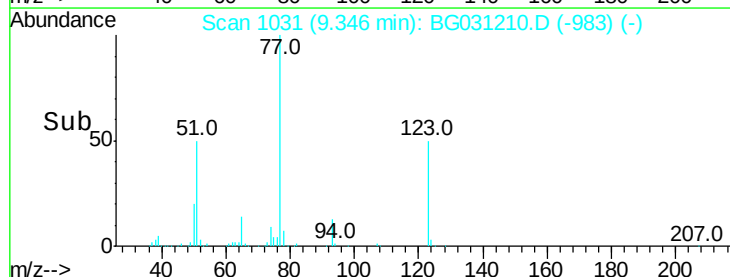
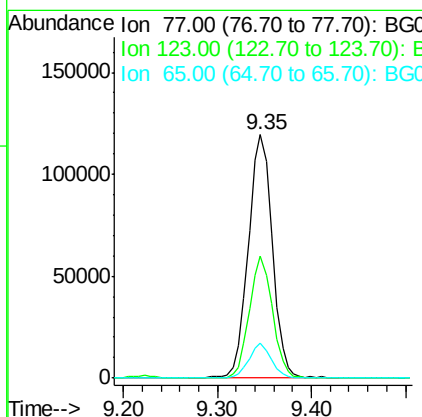
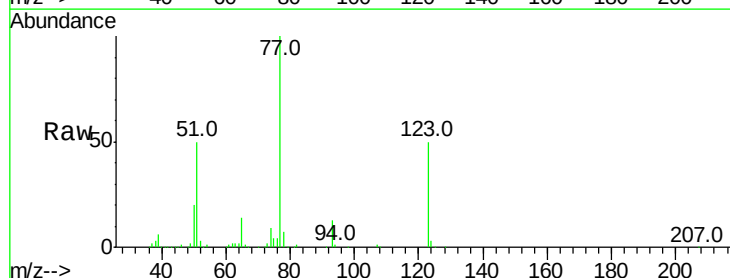
Instrument :
BNA_G
ClientSampleId :

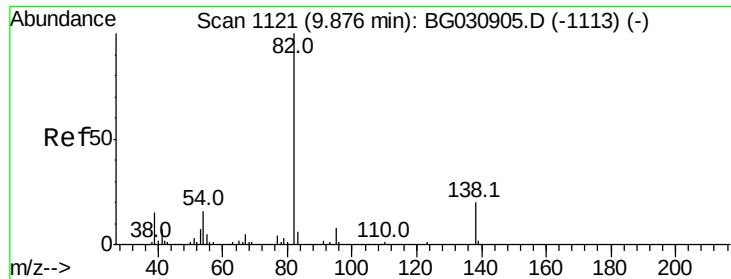
Tot Ion: 82 Resp: 418116
Ion Ratio Lower Upper
82 100
128 46.6 29.7 44.5#
54 47.4 43.1 64.7



#24
Nitrobenzene
Concen: 47.953 ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion: 77 Resp: 212042
Ion Ratio Lower Upper
77 100
123 50.1 33.0 49.6#
65 14.2 13.0 19.6

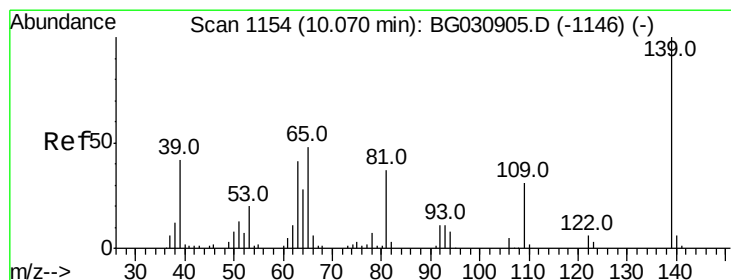
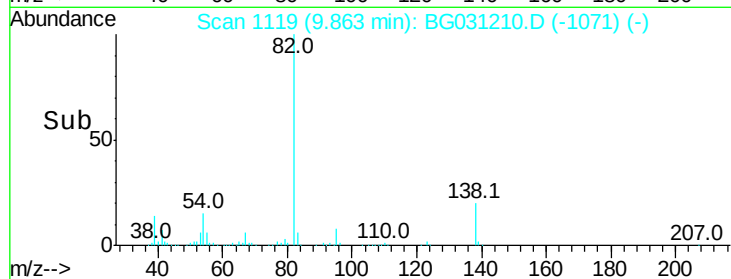
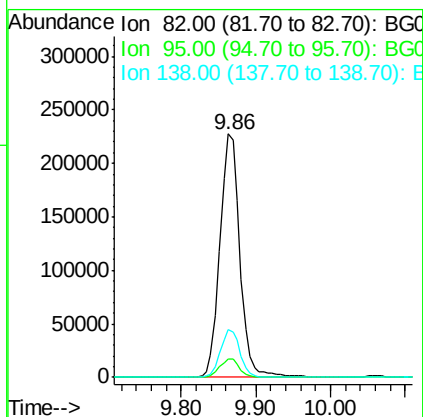
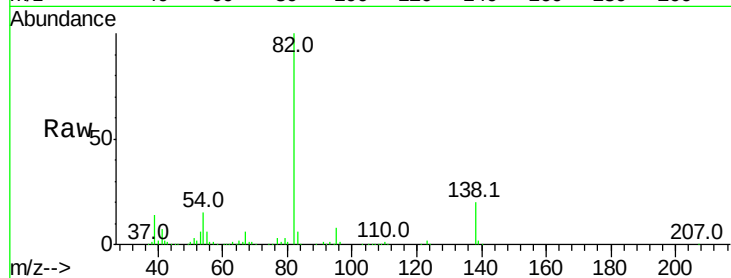




#25
Isophorone
Concen: 50.157 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

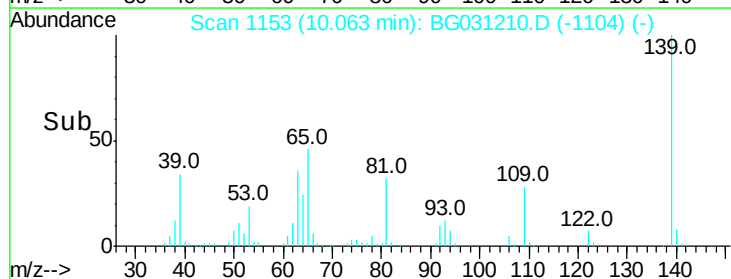
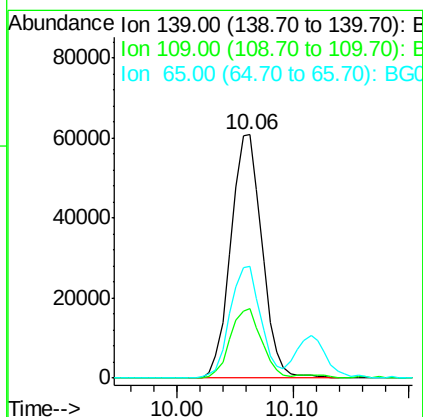
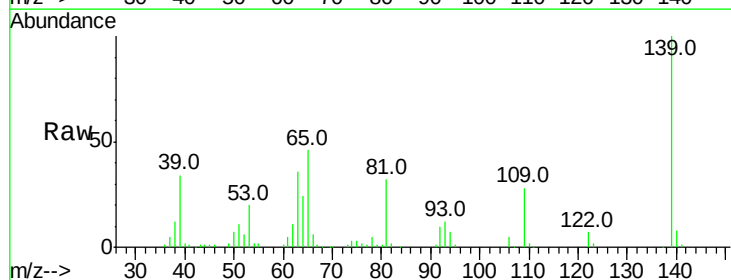
Instrument :
BNA_G
ClientSampleId :

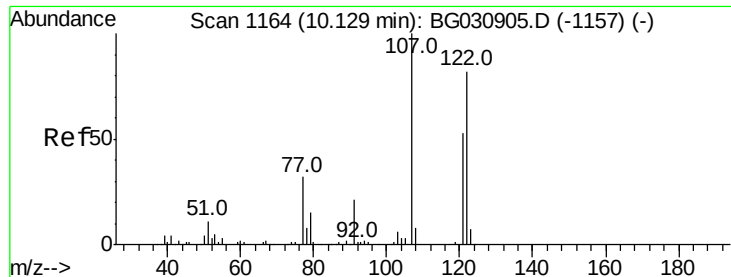
Tot Ion: 82 Resp: 423447
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 19.7 12.1 18.1#



#26
2-Nitrophenol
Concen: 49.653 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion: 139 Resp: 114446
Ion Ratio Lower Upper
139 100
109 28.4 24.2 36.2
65 45.7 47.4 71.0#

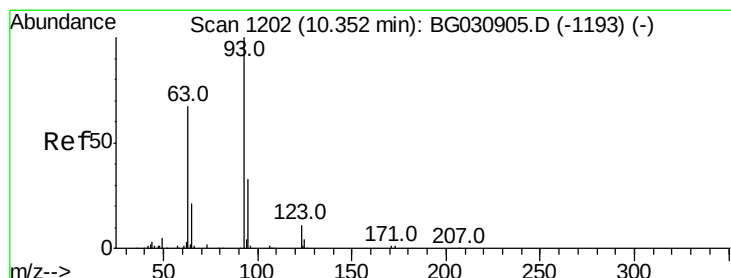
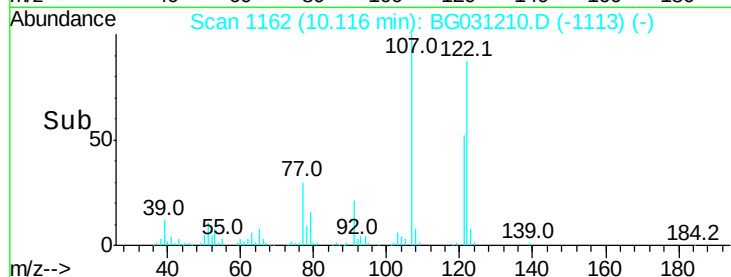
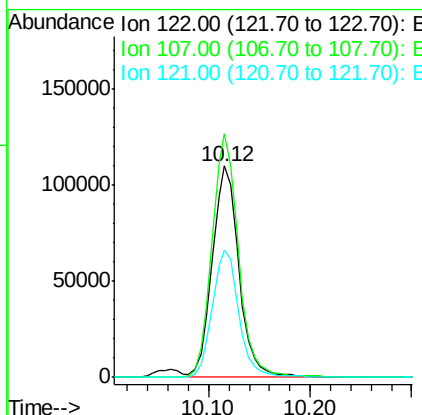
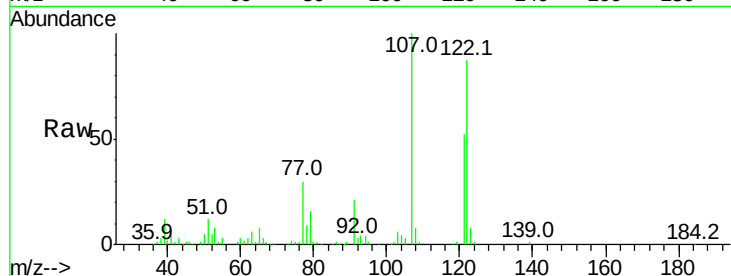




#27
 2,4-Dimethylphenol
 Concen: 58.352 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

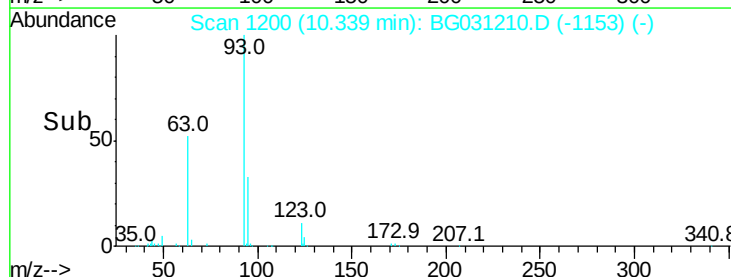
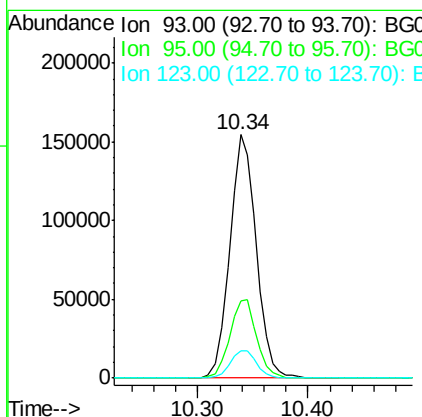
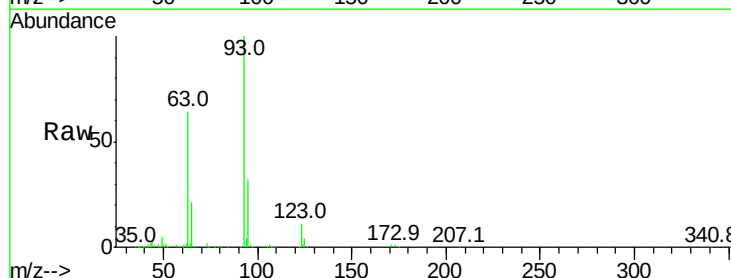
Instrument :
 BNA_G
 ClientSampleId :

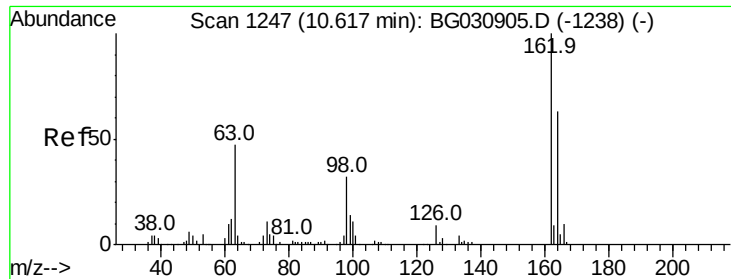
Tot Ion:122 Resp: 199671
 Ion Ratio Lower Upper
 122 100
 107 115.3 100.2 150.2
 121 59.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.744 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion: 93 Resp: 259182
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 11.2 8.4 12.6

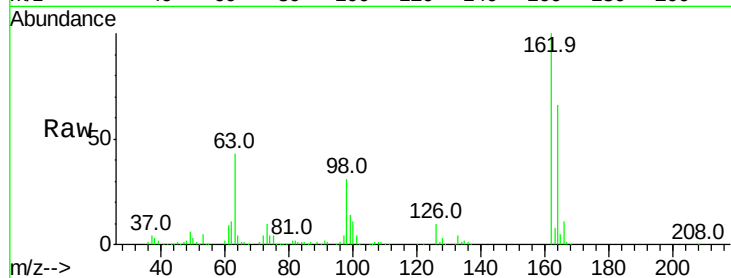




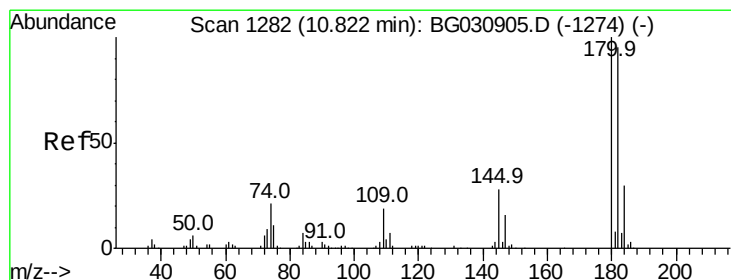
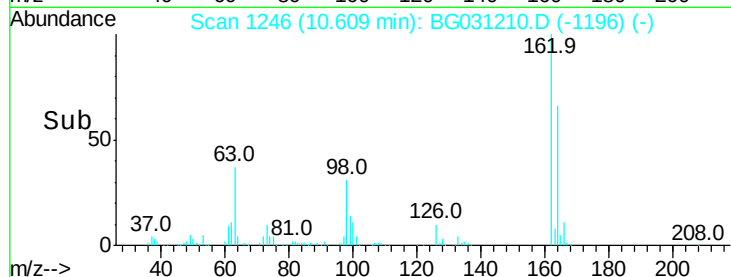
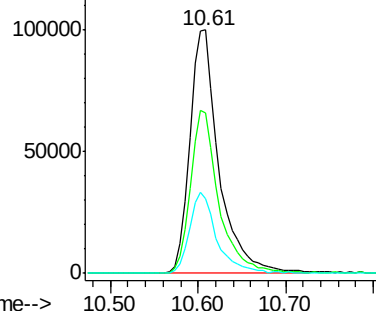
#29
2,4-Dichlorophenol
Concen: 55.559 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	48.0	88.0
98	30.8	21.1	61.1

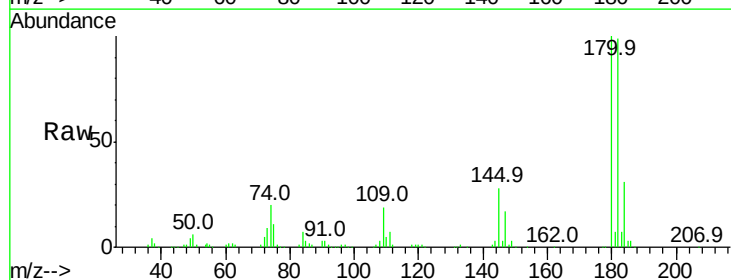


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

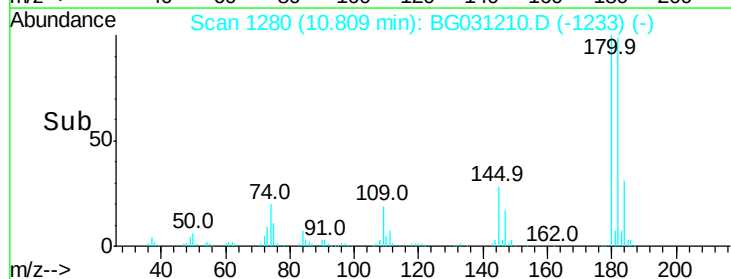
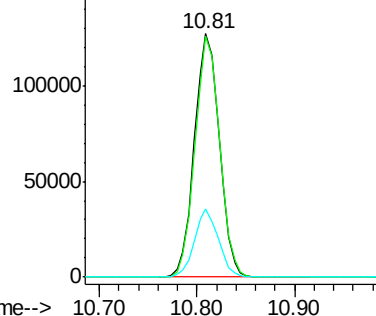


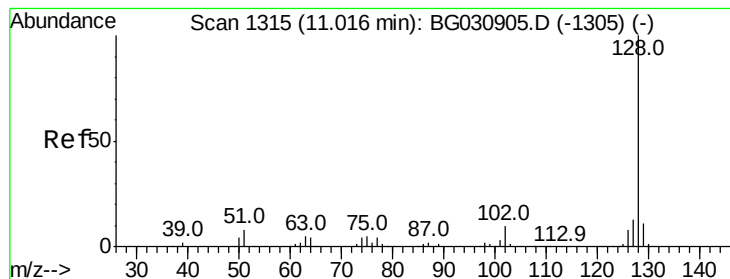
#30
1,2,4-Trichlorobenzene
Concen: 45.975 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	77.5	116.3
145	27.8	23.4	35.2



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





#31

Naphthalene

Concen: 47.860 ng

RT: 11.00 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

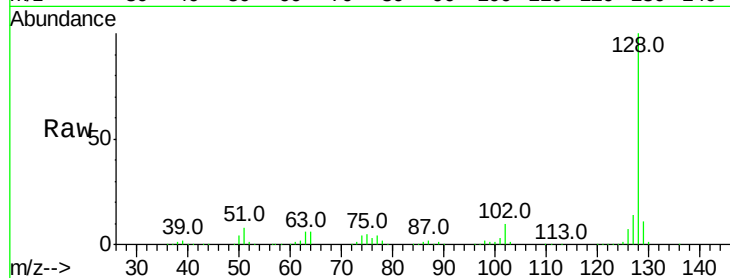
Tot Ion:128 Resp: 603503

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

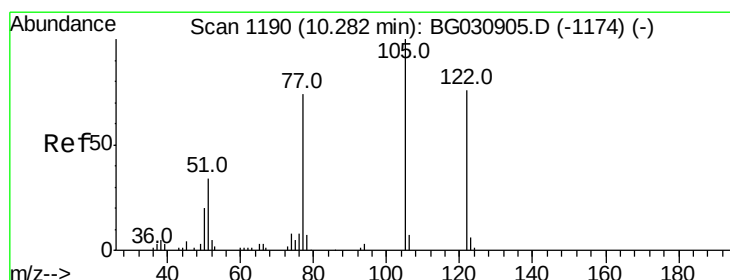
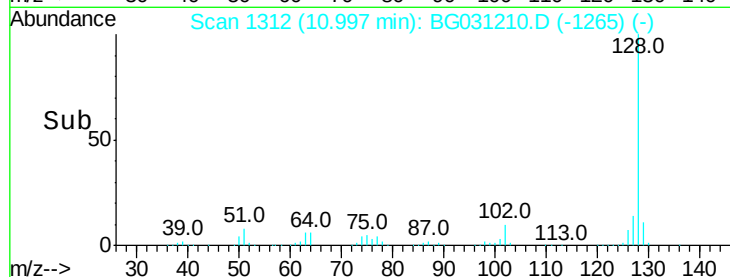
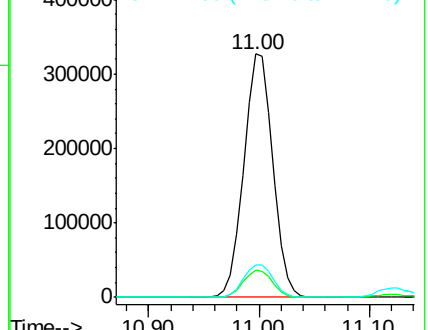
127 13.6 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 67.459 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.15 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

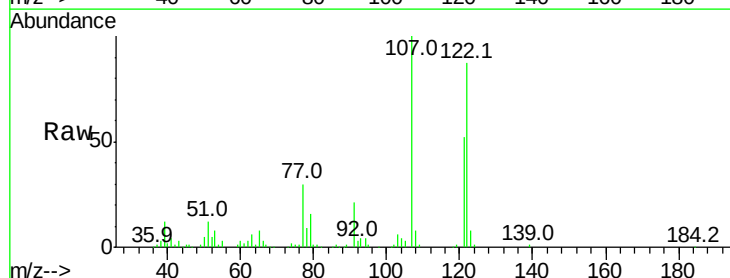
Tgt Ion:122 Resp: 199671

Ion Ratio Lower Upper

122 100

105 3.7 123.5 163.5#

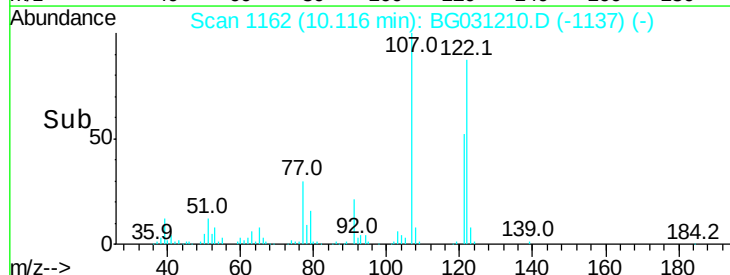
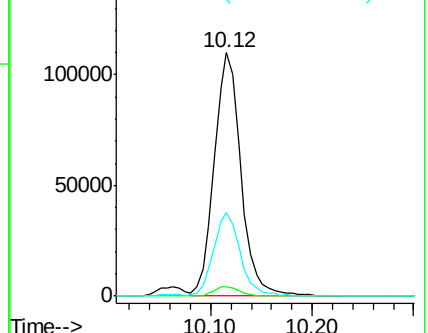
77 34.4 85.7 125.7#

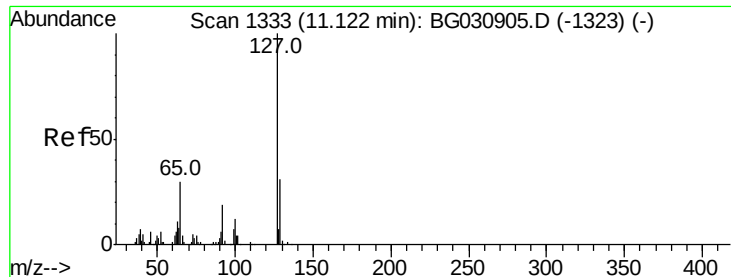


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

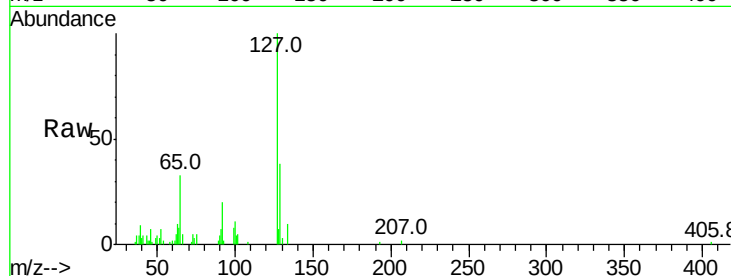




#33
4-Chloroaniline
Concen: 5.143 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	28389
Ion	Ratio	Lower	Upper
127	100		
129	38.0	24.0	36.0#
65	33.1	27.0	40.4
92	20.0	16.6	25.0

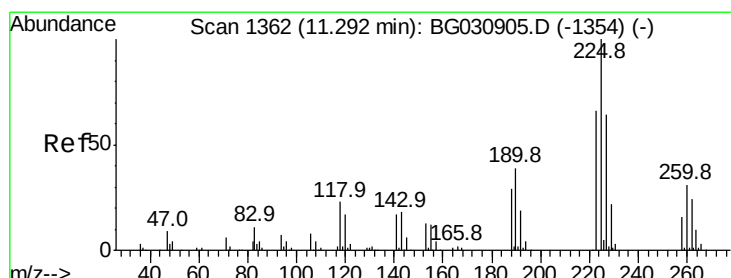
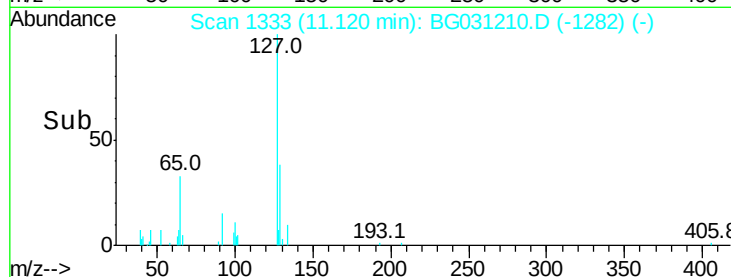
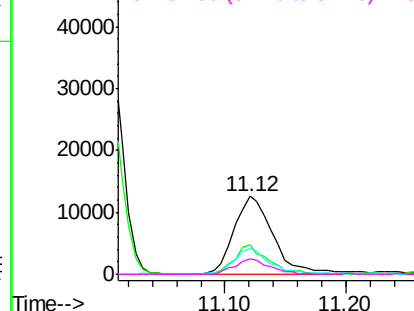


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

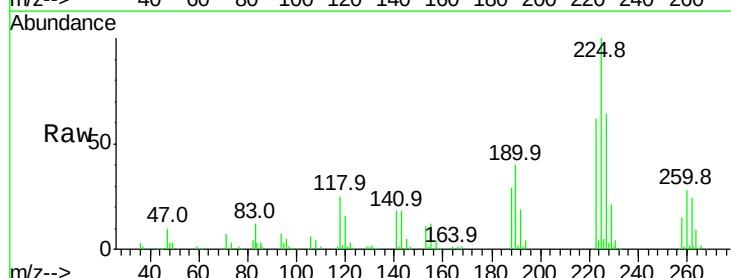
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.431 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

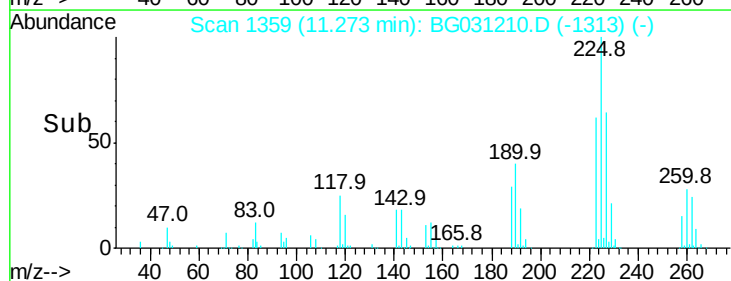
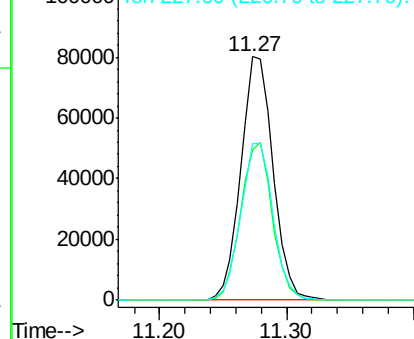
Tgt Ion:	225	Resp:	140956
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.1	48.1	72.1

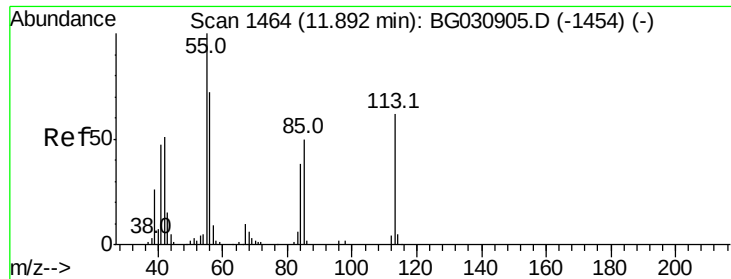


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.501 ng

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

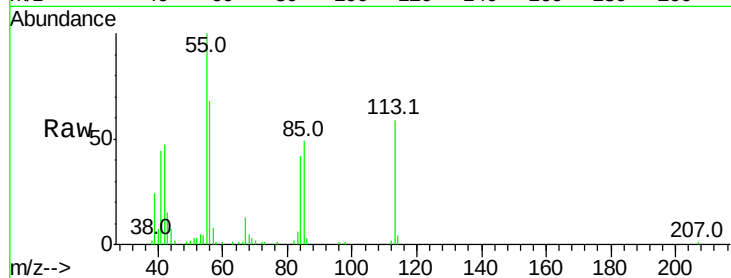
Tot Ion:113 Resp: 27697

Ion Ratio Lower Upper

113 100

55 168.9 186.9 226.9#

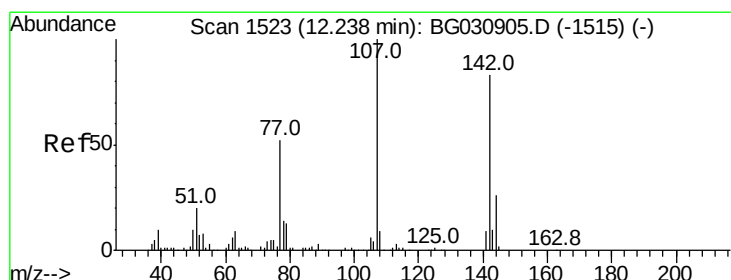
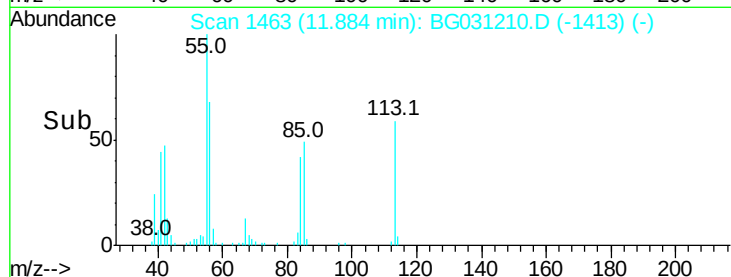
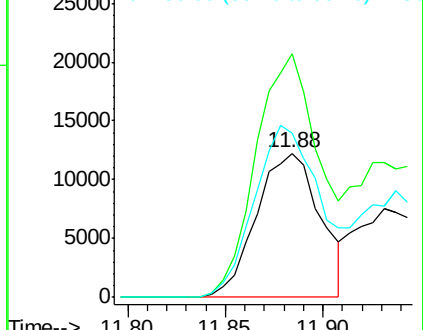
56 114.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.288 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

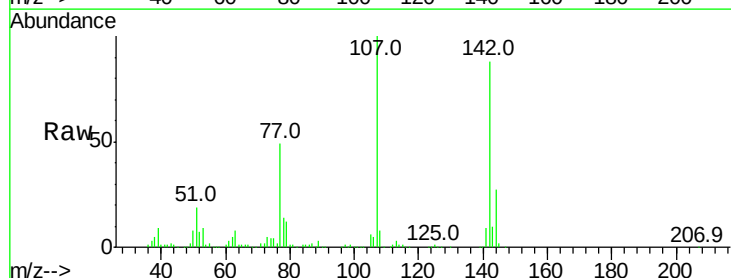
Tgt Ion:107 Resp: 229368

Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

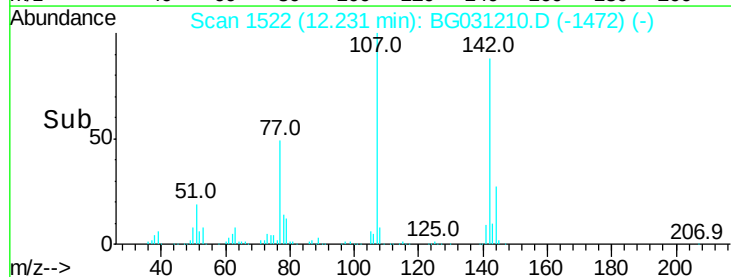
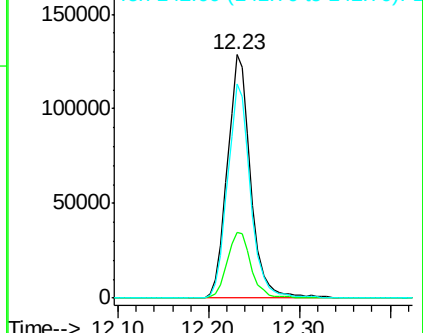
142 88.0 59.0 88.4

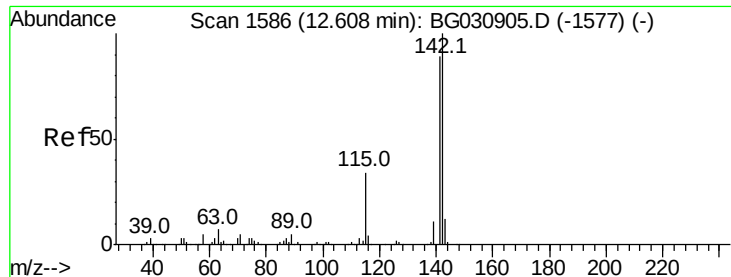


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

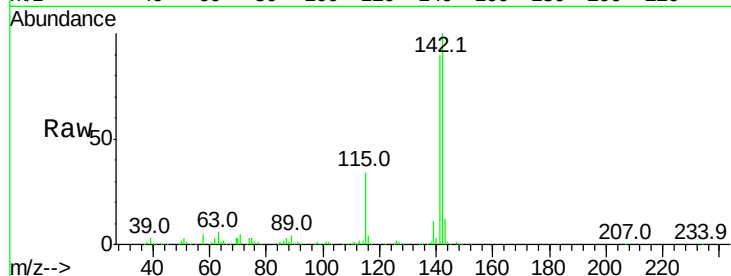




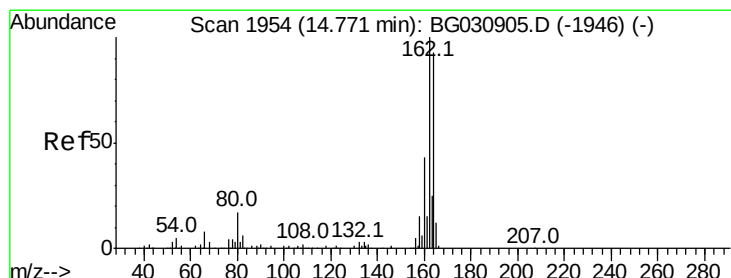
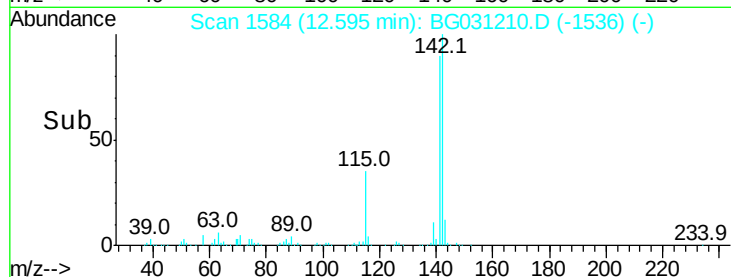
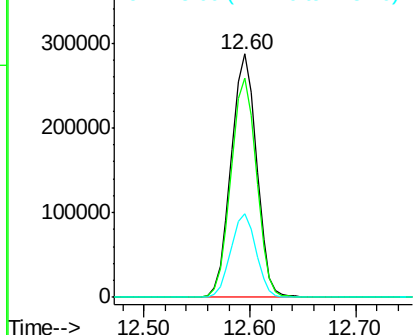
#37
2-Methylnaphthalene
Concen: 49.014 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.1	100.7
115	34.5	30.7	46.1

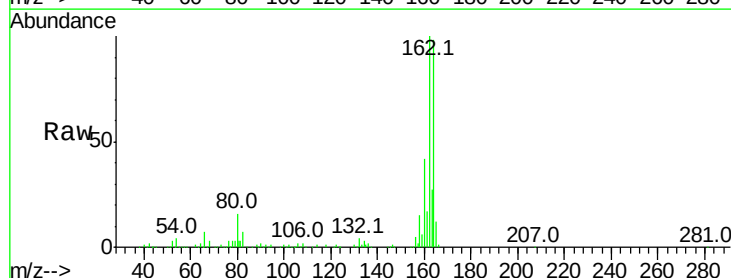


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

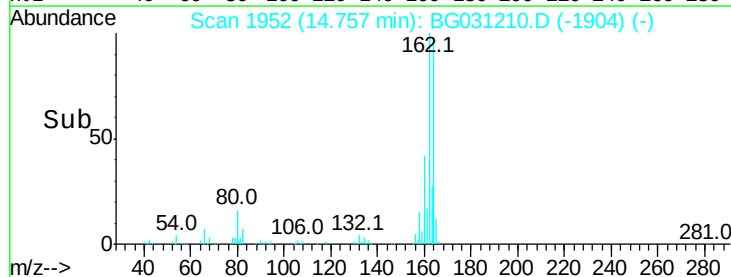
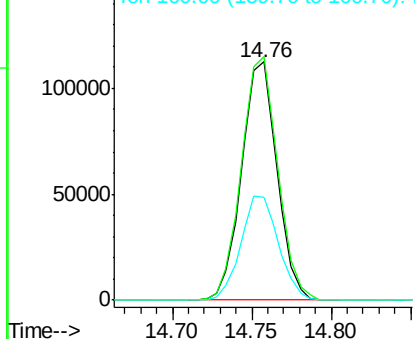


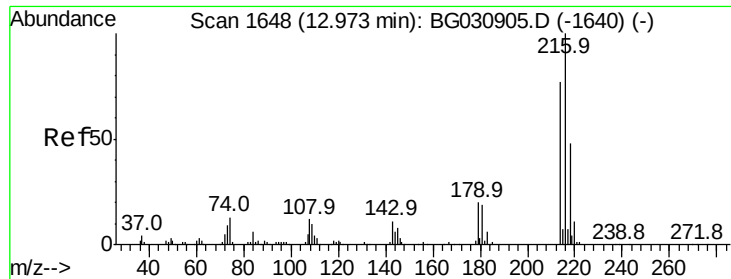
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	43.1	35.4	53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.341 ng

RT: 12.96 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 300054

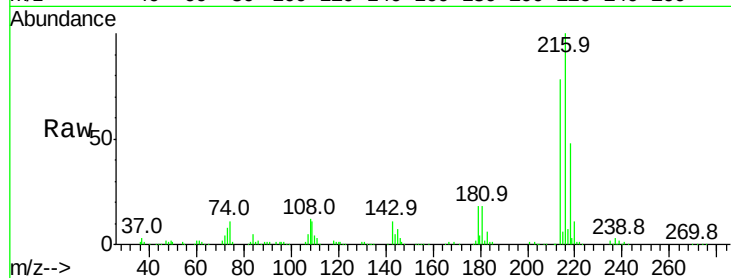
Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.4

179 18.5 17.0 25.6

108 13.5 12.8 19.2

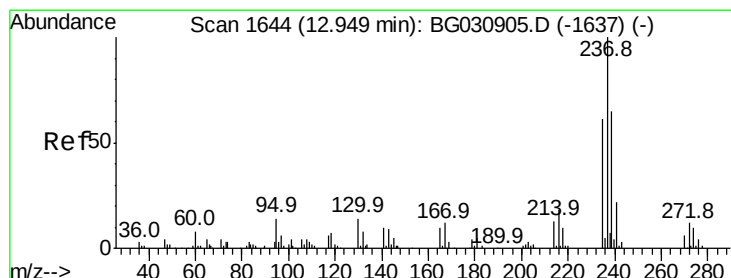
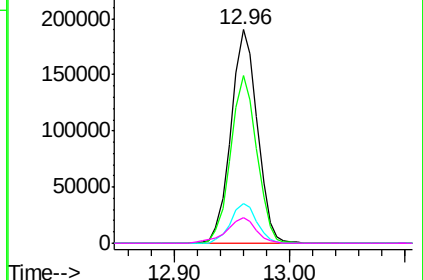
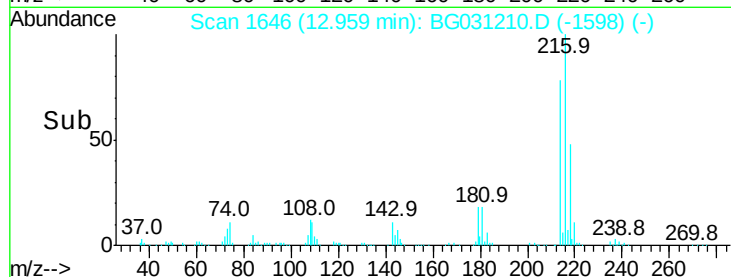


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.412 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

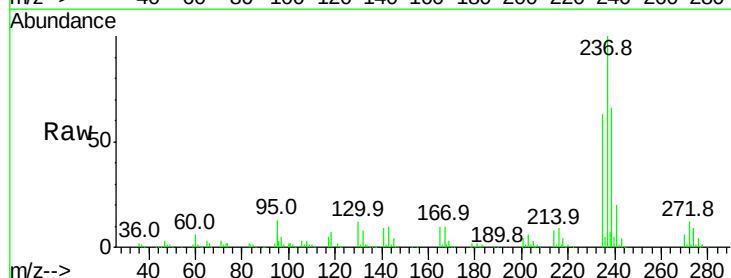
Tgt Ion:237 Resp: 214918

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

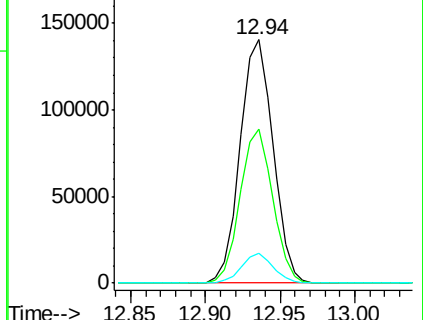
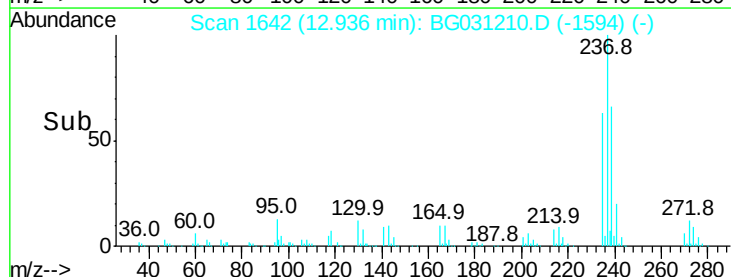
272 12.4 0.0 31.8

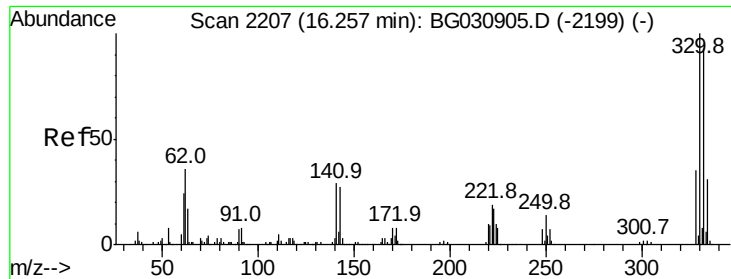


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

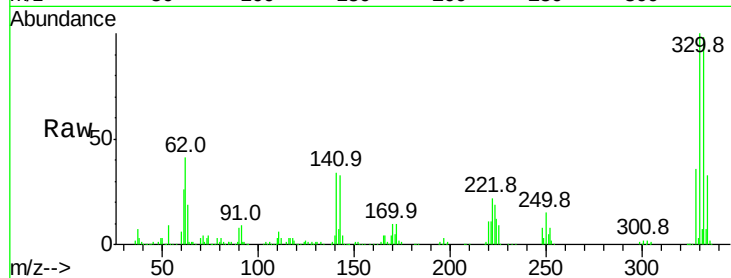




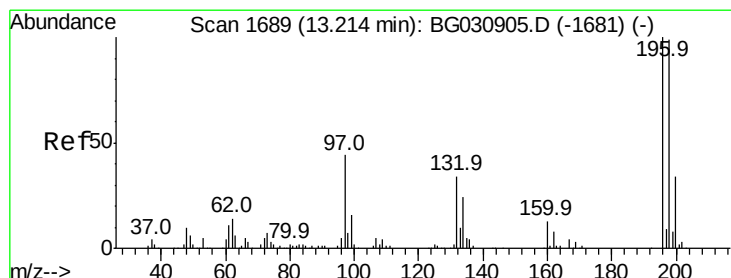
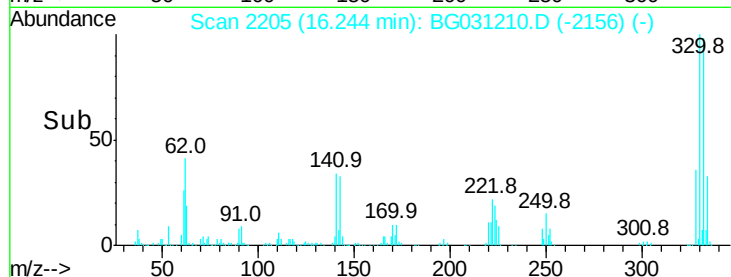
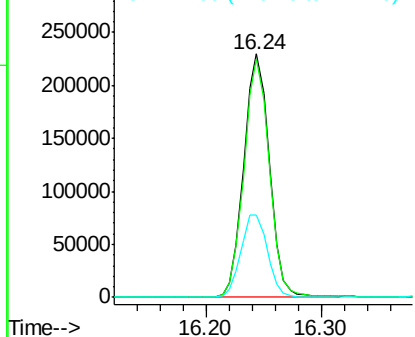
#41
 2,4,6-Tribromophenol
 Concen: 126.210 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	35.4	25.2	37.8

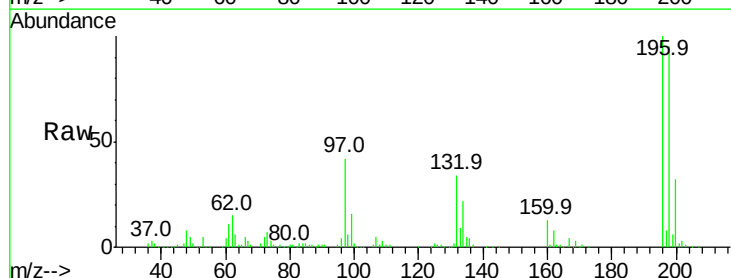


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

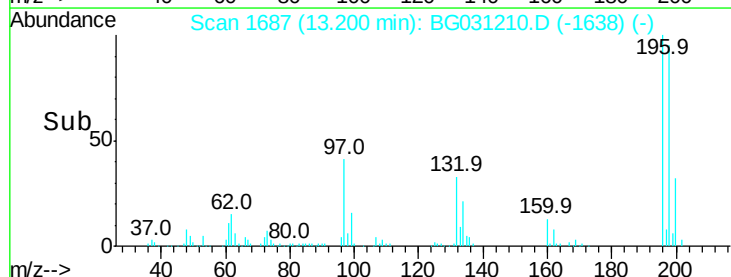
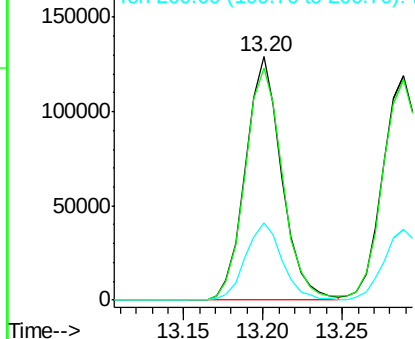


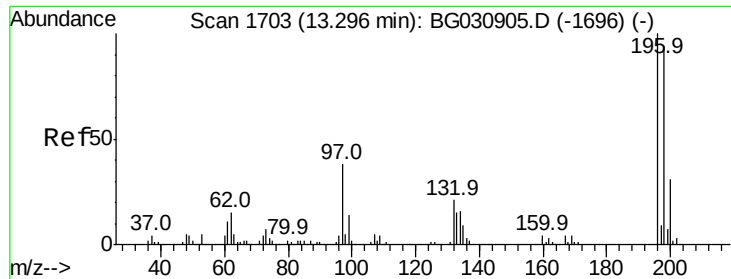
#42
 2,4,6-Trichlorophenol
 Concen: 51.695 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
200	31.7	24.6	36.8



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

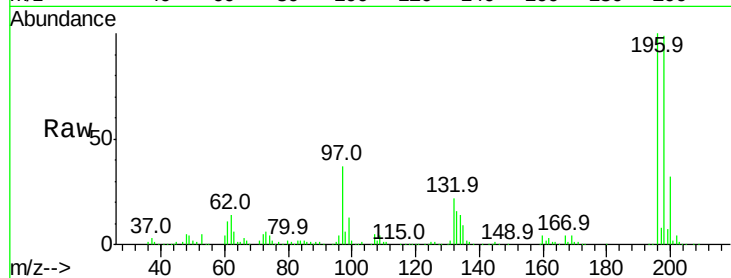




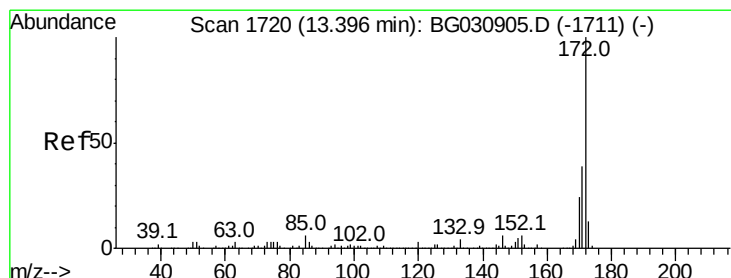
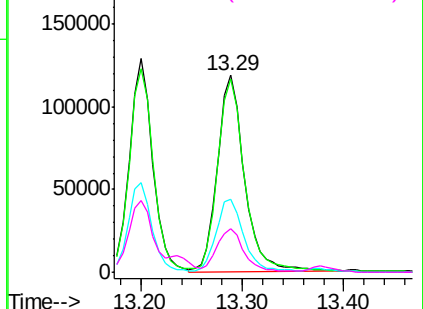
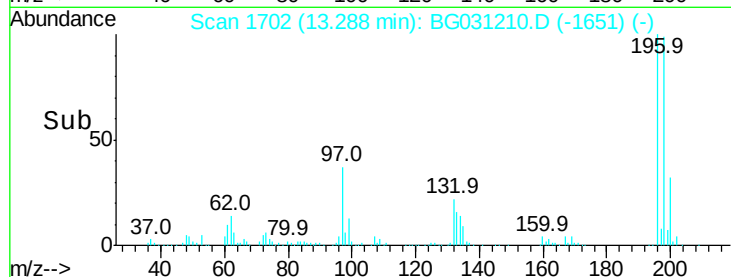
#43
 2,4,5-Trichlorophenol
 Concen: 50.561 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.2	114.4
97	36.8	38.7	58.1
132	22.0	20.2	30.2

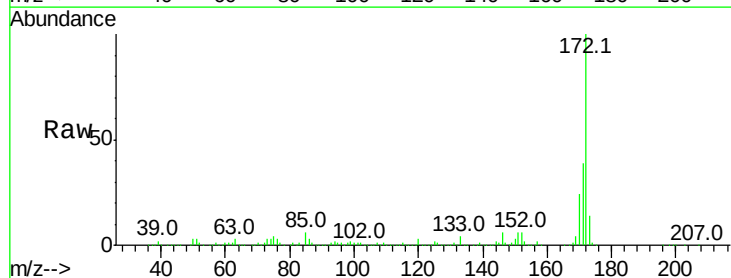


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

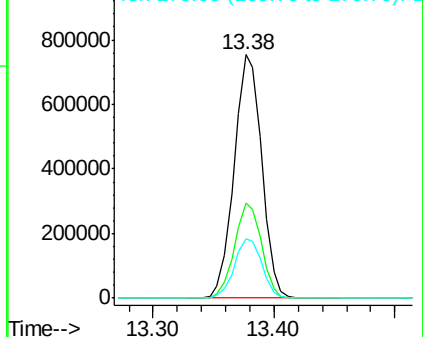
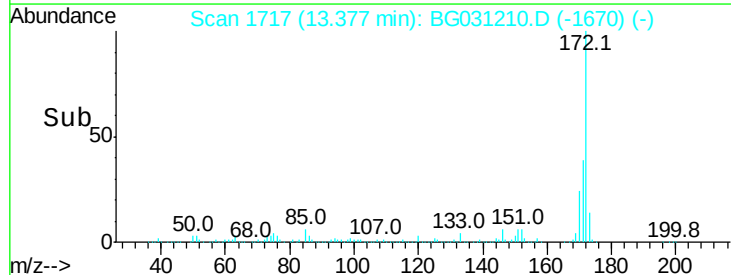


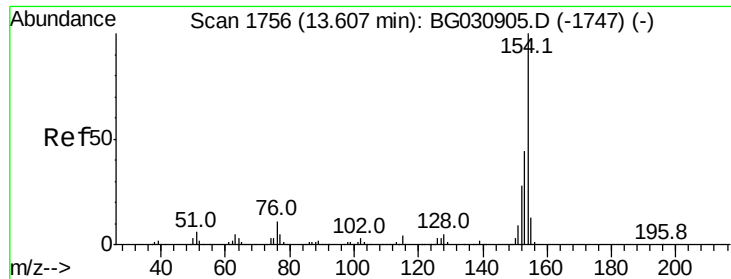
#44
 2-Fluorobiphenyl
 Concen: 98.517 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	24.3	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: 45.556 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

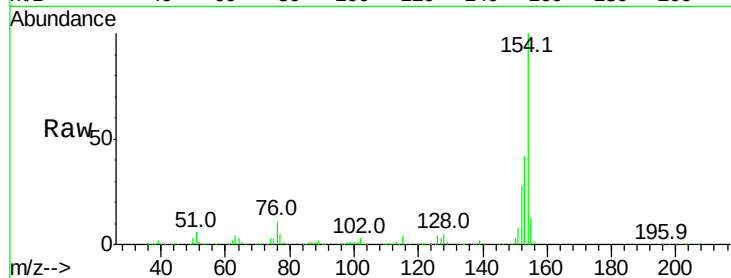
Tot Ion:154 Resp: 658950

Ion Ratio Lower Upper

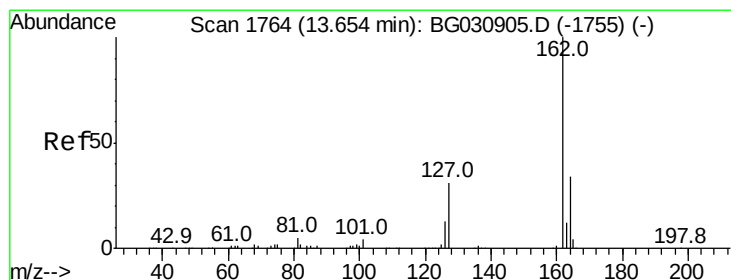
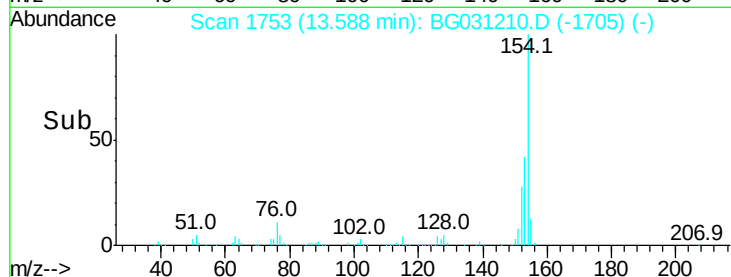
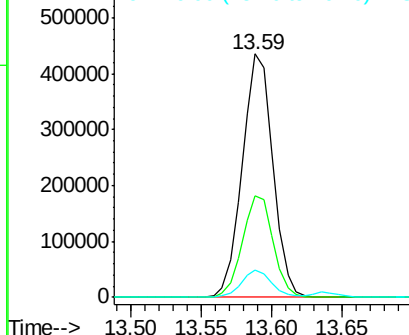
154 100

153 41.5 19.8 59.8

76 11.3 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 50.260 ng

RT: 13.64 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

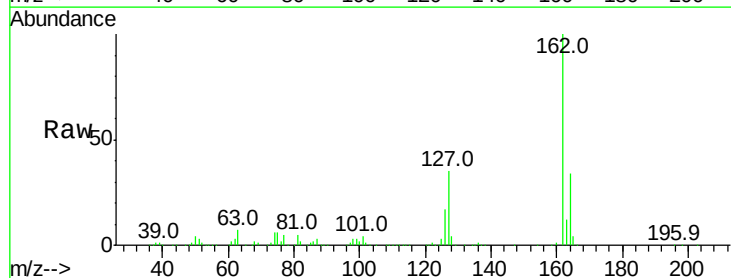
Tgt Ion:162 Resp: 524529

Ion Ratio Lower Upper

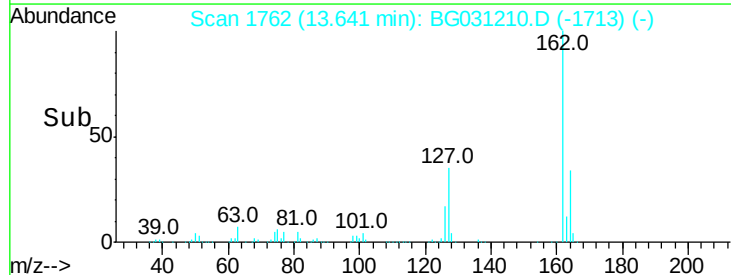
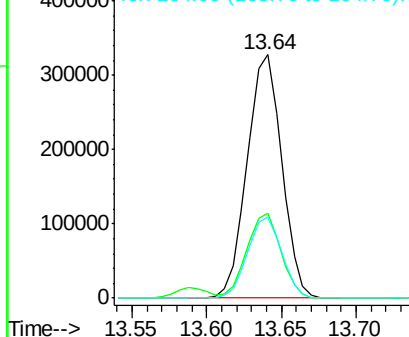
162 100

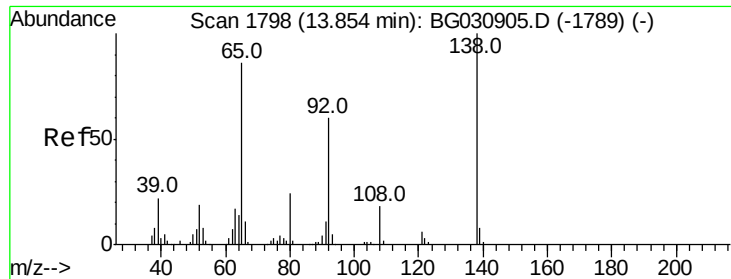
127 34.8 30.7 46.1

164 33.5 26.0 39.0



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

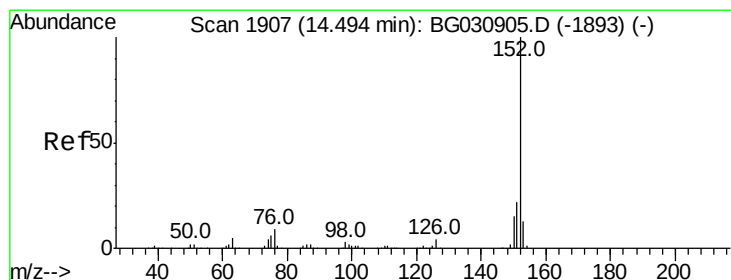
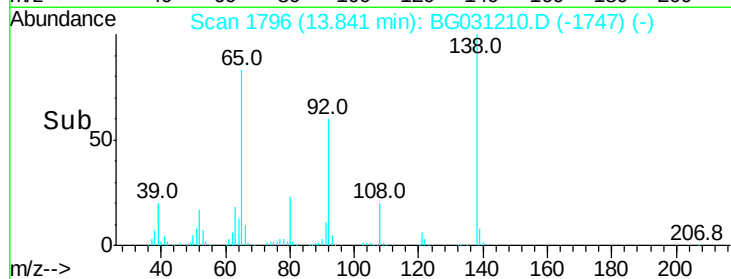
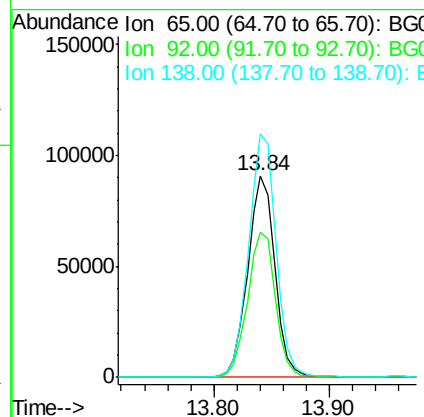
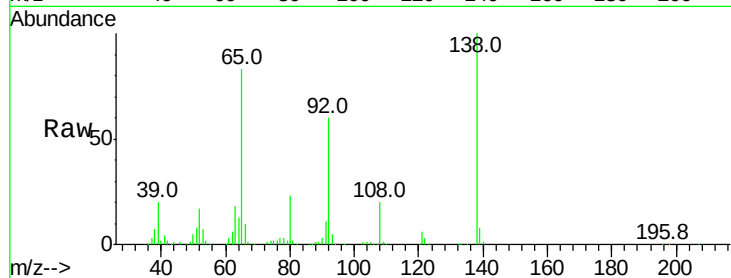




#47
2-Nitroaniline
Concen: 48.200 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

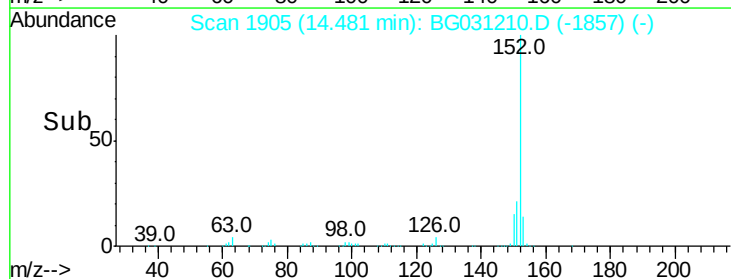
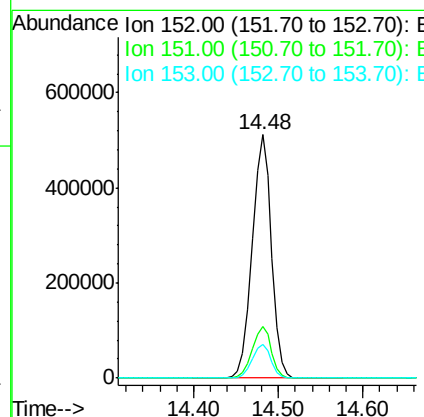
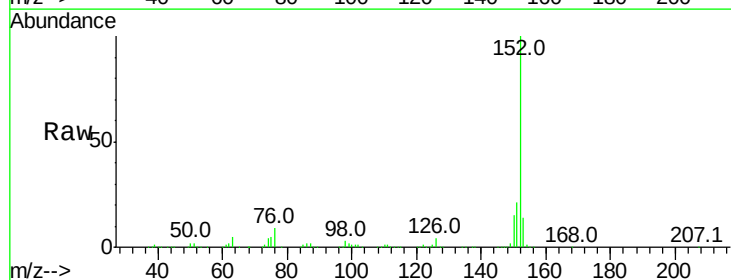
Instrument :
BNA_G
ClientSampleId :

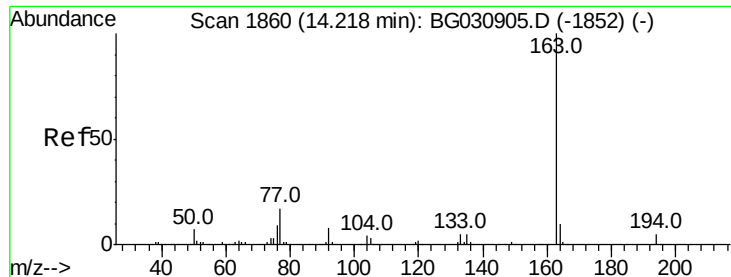
Tot Ion: 65 Resp: 149096
Ion Ratio Lower Upper
65 100
92 72.0 54.6 82.0
138 120.6 72.9 109.3#



#48
Acenaphthylene
Concen: 47.322 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion: 152 Resp: 808306
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 47.857 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

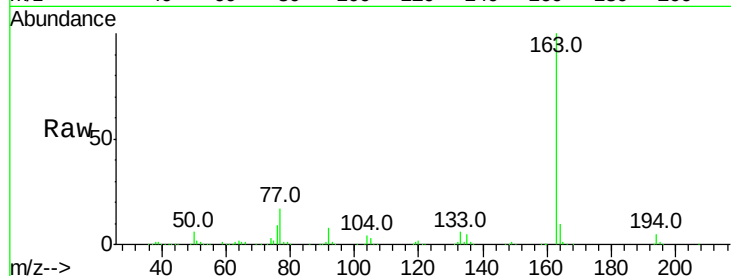
Tot Ion:163 Resp: 721784

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

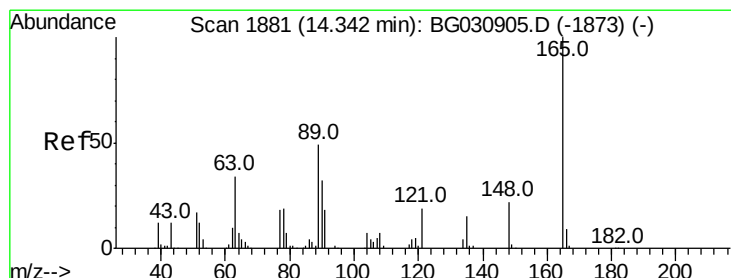
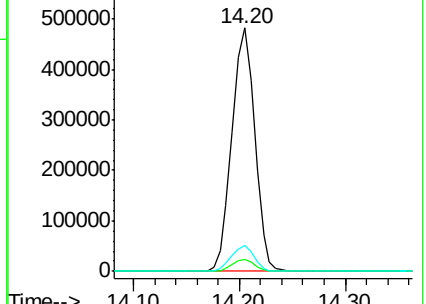
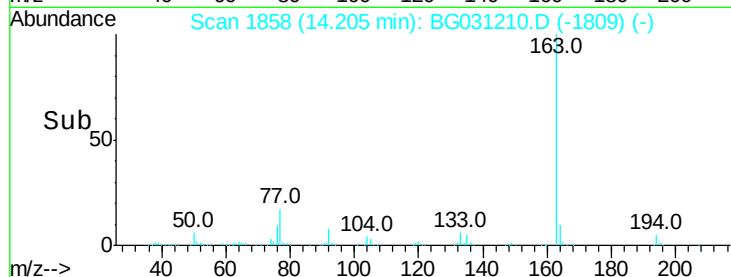
164 10.4 8.2 12.4



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: 52.971 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

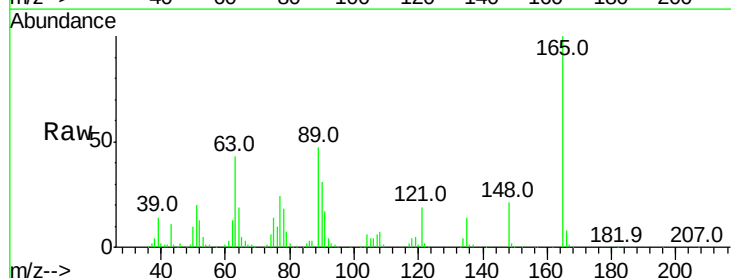
Tgt Ion:165 Resp: 164666

Ion Ratio Lower Upper

165 100

63 43.3 52.7 79.1#

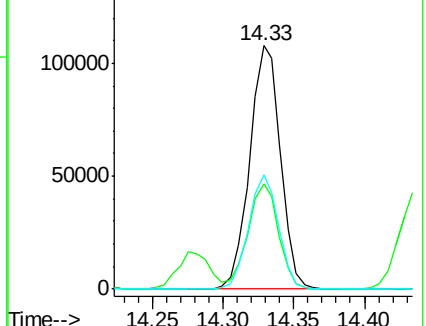
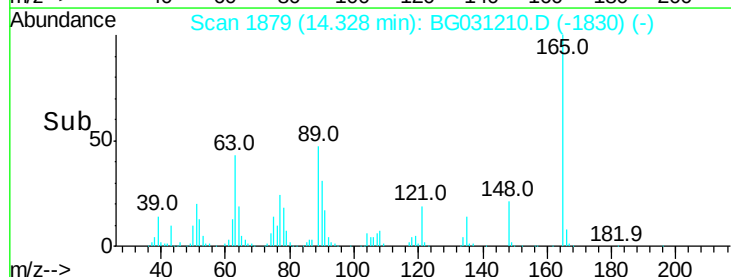
89 46.7 49.2 73.8#

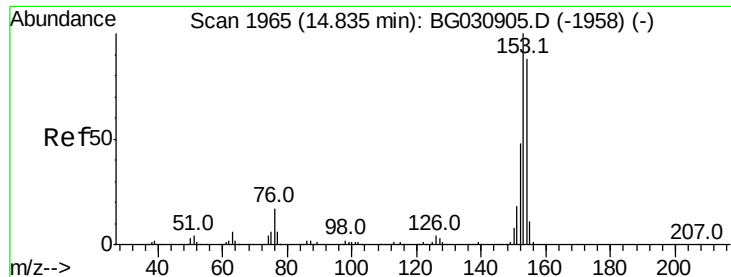


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 48.350 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

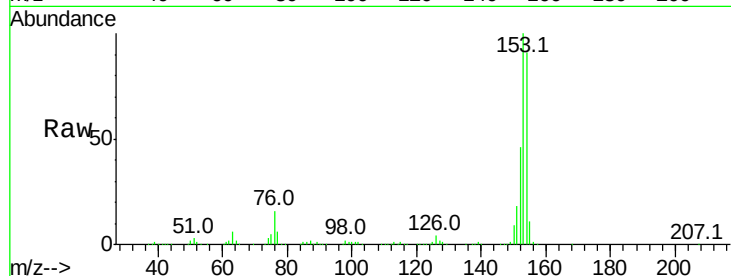
Tot Ion:154 Resp: 515782

Ion Ratio Lower Upper

154 100

153 110.5 90.4 135.6

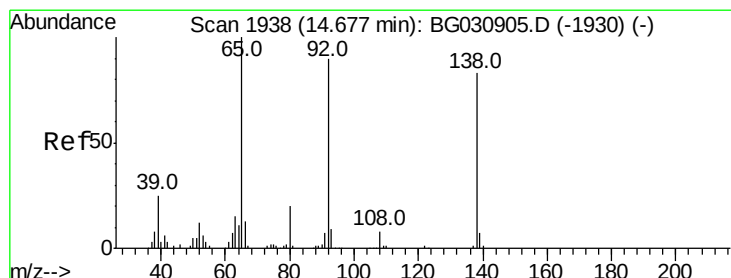
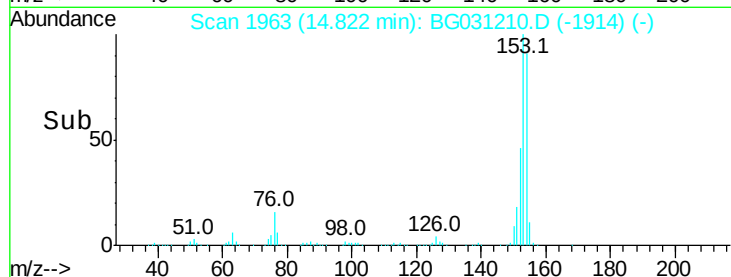
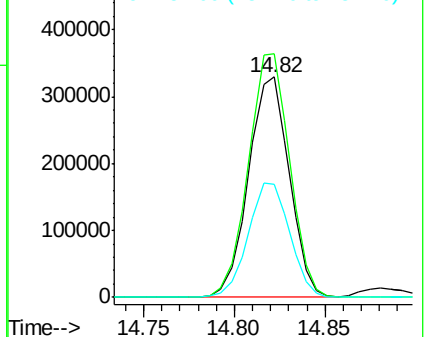
152 51.0 41.6 62.4



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: 15.808 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

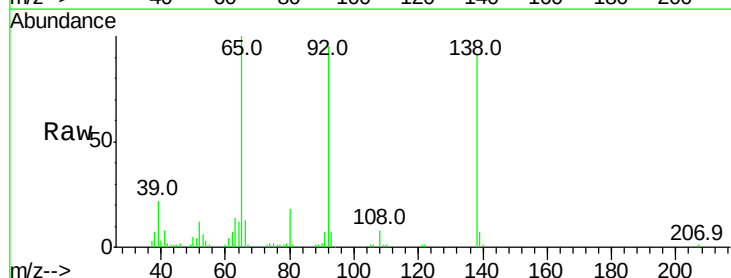
Tgt Ion:138 Resp: 52179

Ion Ratio Lower Upper

138 100

108 9.1 17.5 26.3#

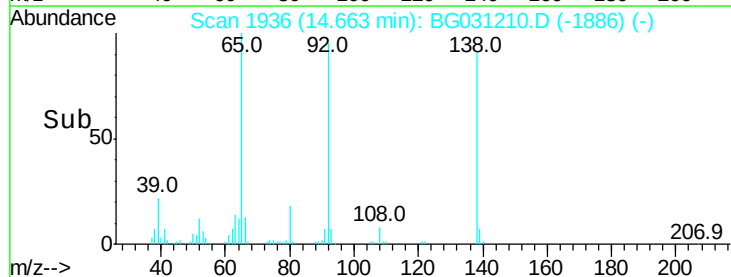
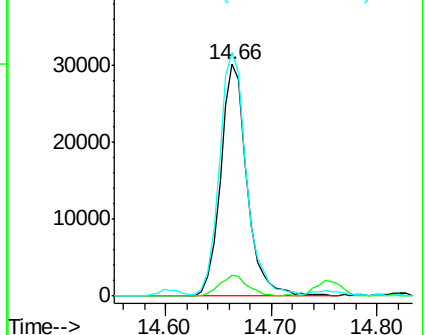
92 105.0 105.8 158.8#

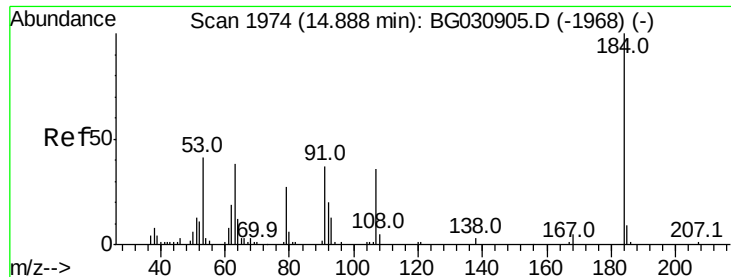


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

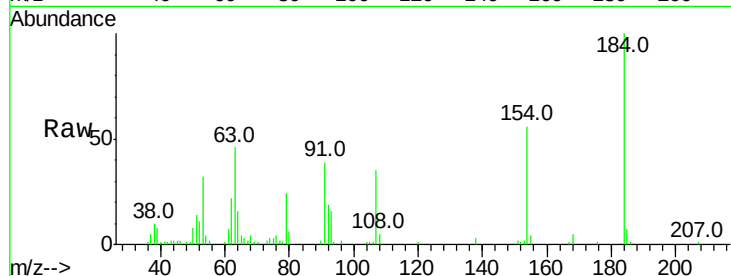




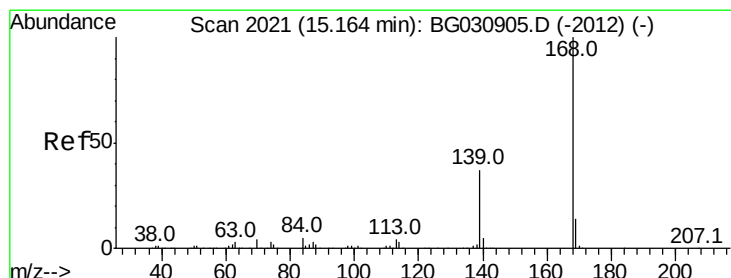
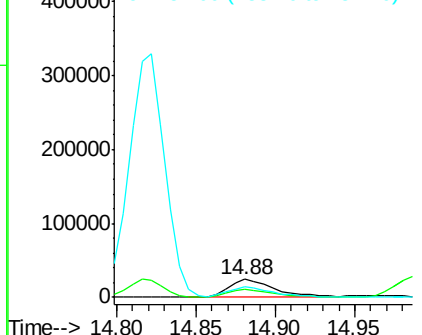
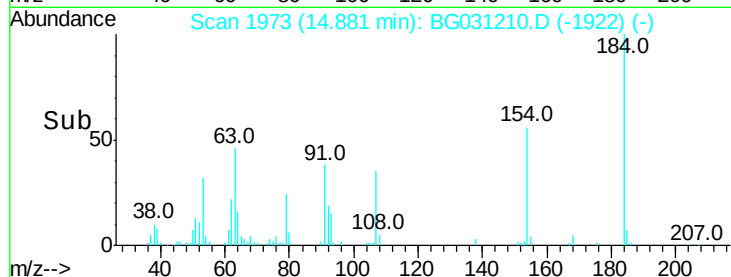
#53
 2,4-Dinitrophenol
 Concen: 32.856 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 49812
 Ion Ratio Lower Upper
 184 100
 63 45.7 59.8 89.8#
 154 56.4 101.8 152.8#

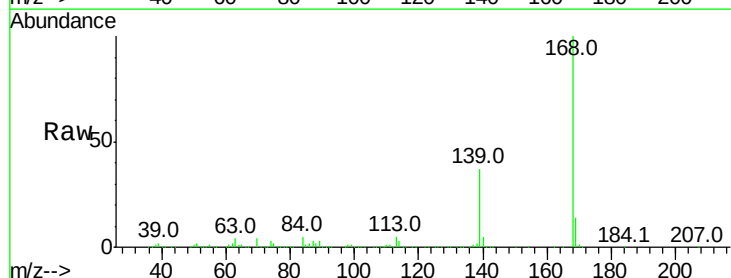


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

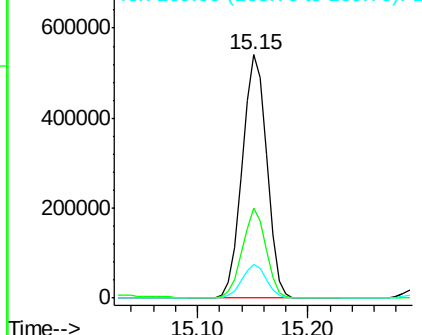
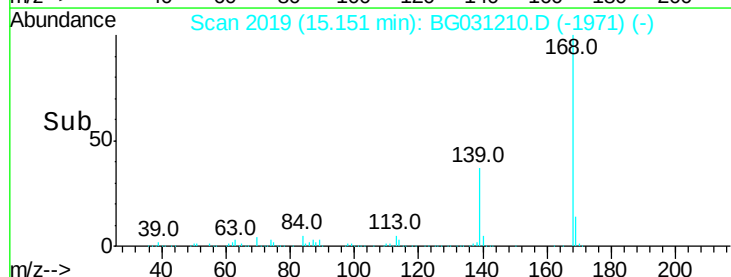


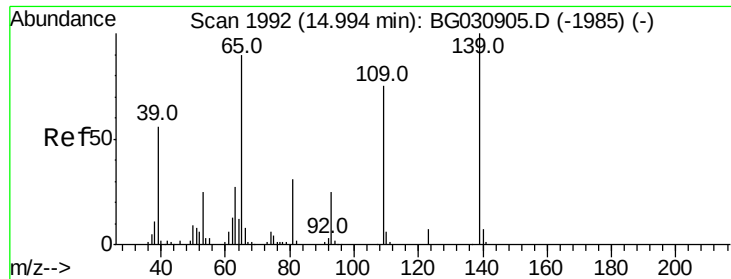
#54
 Dibenzofuran
 Concen: 49.874 ng
 RT: 15.15 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:168 Resp: 847452
 Ion Ratio Lower Upper
 168 100
 139 36.8 28.6 43.0
 169 14.1 11.2 16.8



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

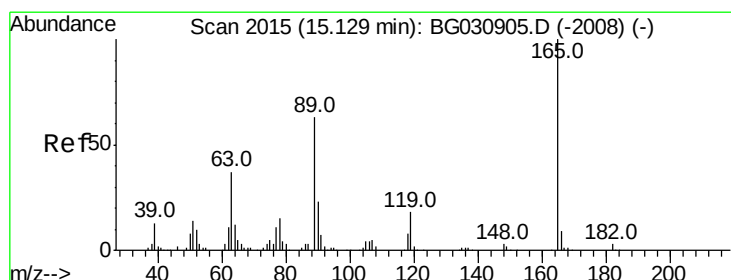
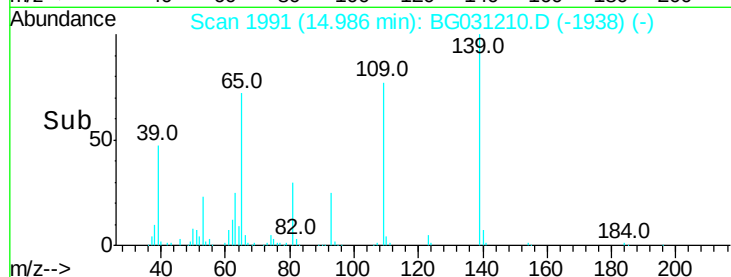
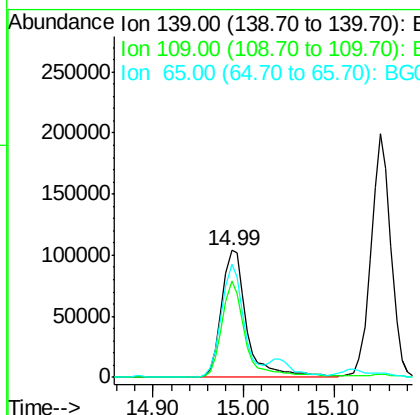
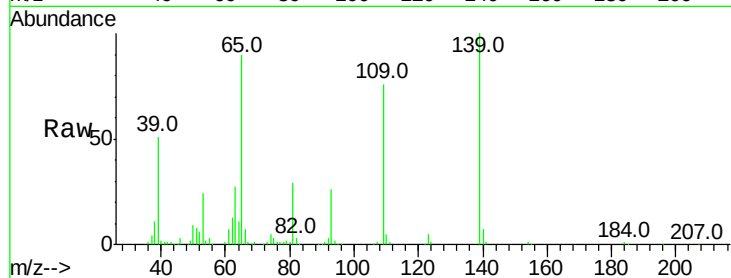




#55
4-Nitrophenol
Concen: 85.882 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

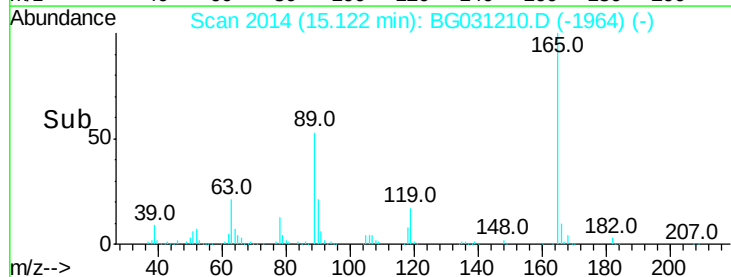
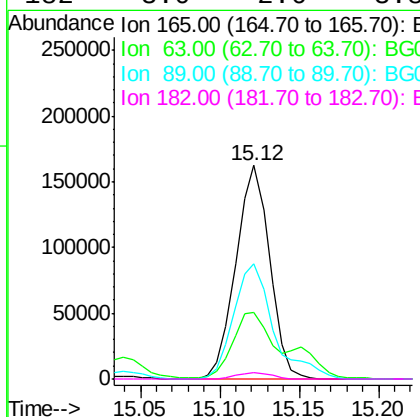
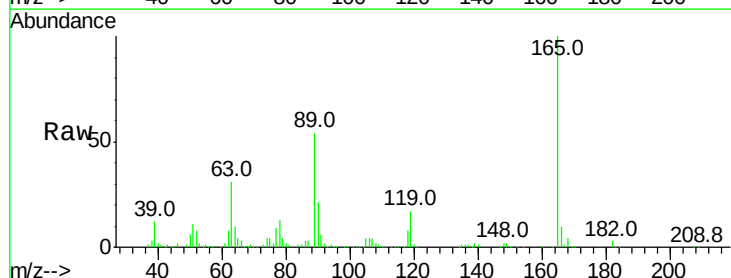
Instrument :
BNA_G
ClientSampleId :

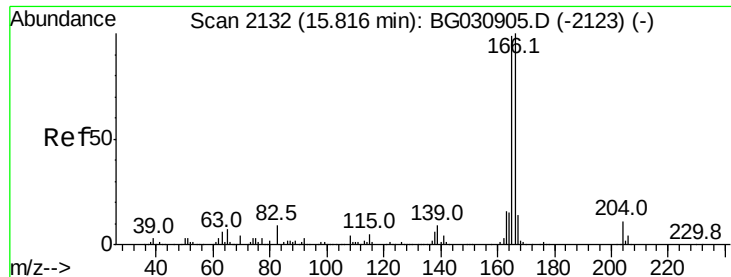
Tot Ion:139 Resp: 201934
Ion Ratio Lower Upper
139 100
109 75.8 62.2 102.2
65 89.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 53.470 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion:165 Resp: 240298
Ion Ratio Lower Upper
165 100
63 31.5 42.0 63.0#
89 54.0 66.9 100.3#
182 3.0 2.6 3.8

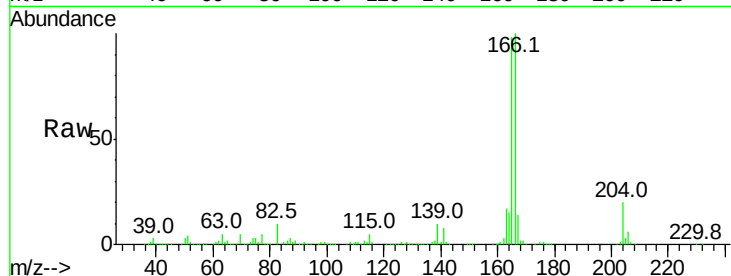




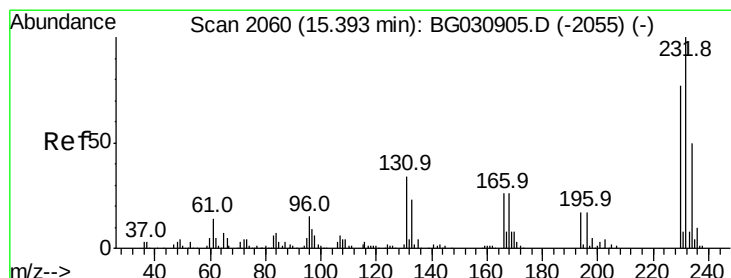
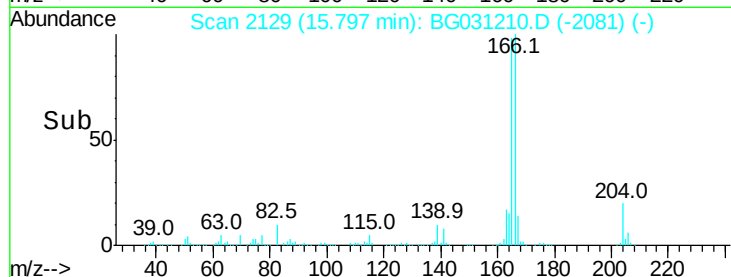
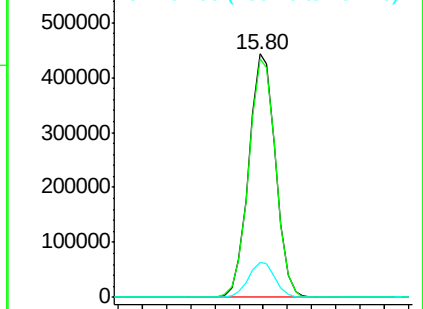
#57
 Fluorene
 Concen: 49.432 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 681916
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.6 121.0
 167 14.2 10.4 15.6



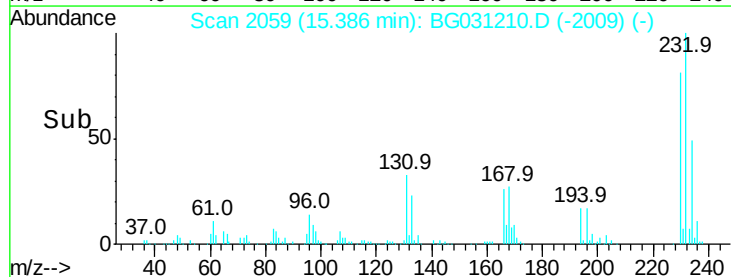
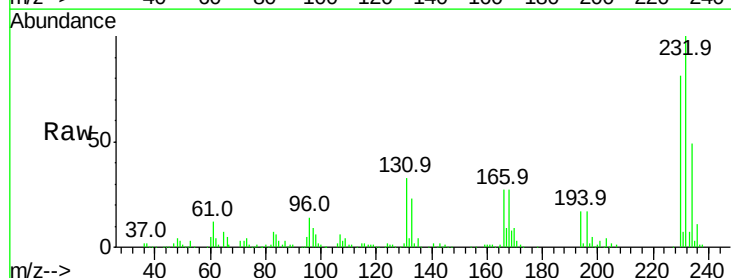
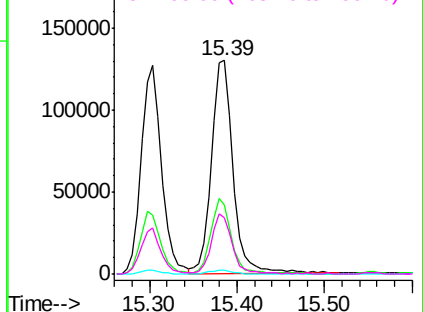
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

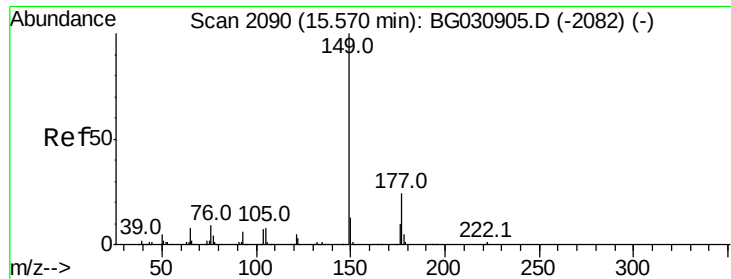


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.331 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:232 Resp: 224225
 Ion Ratio Lower Upper
 232 100
 131 33.3 33.5 50.3#
 130 1.9 2.2 3.2#
 166 26.2 24.8 37.2

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

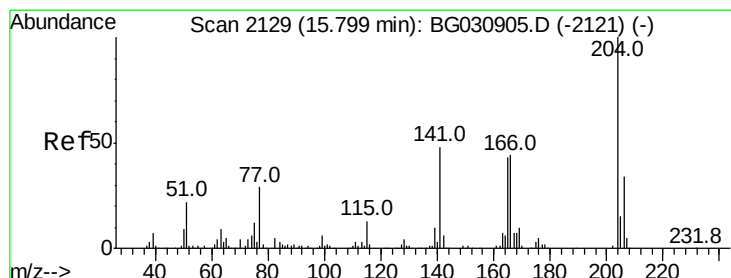
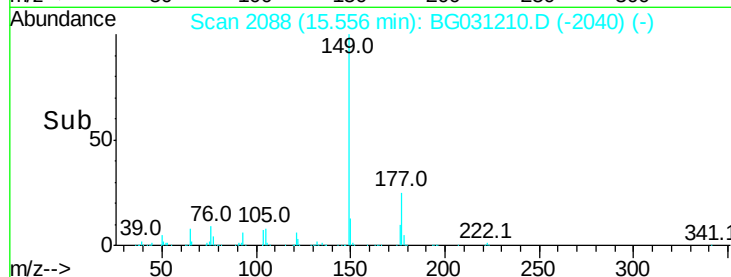
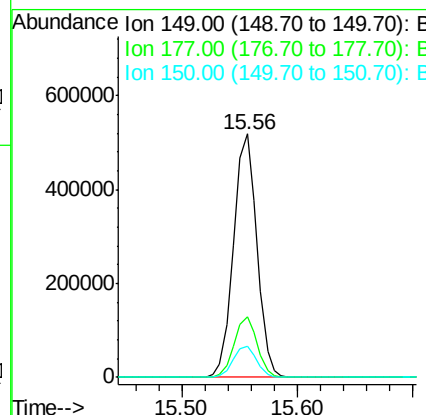
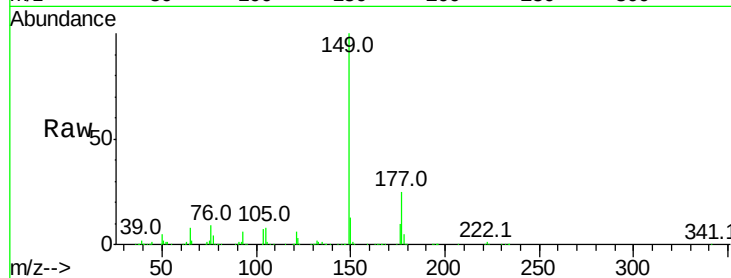




#59
Diethylphthalate
Concen: 47.221 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

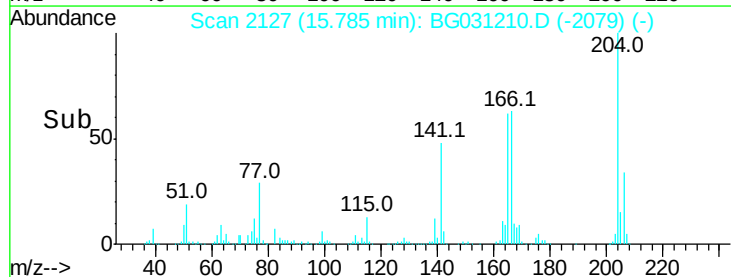
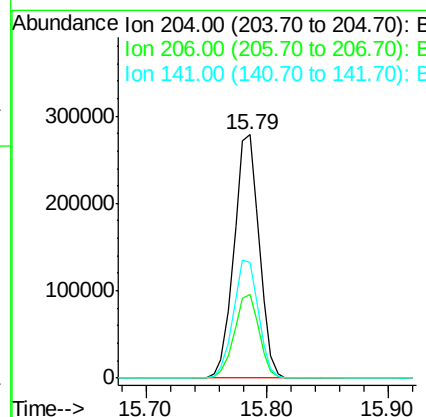
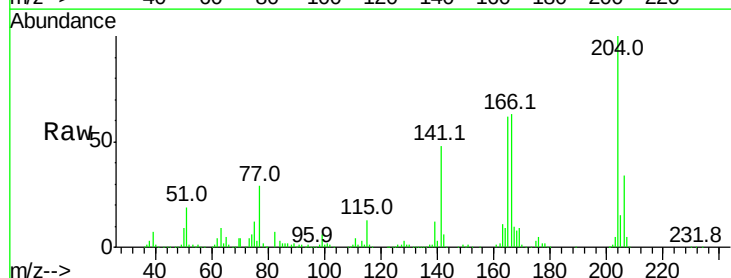
Instrument :
BNA_G
ClientSampleId :

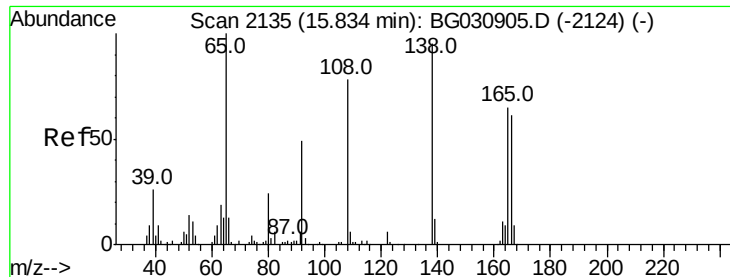
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	12.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.345 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.2	39.2
141	47.6	45.8	68.6





#61

4-Nitroaniline

Concen: 46.766 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

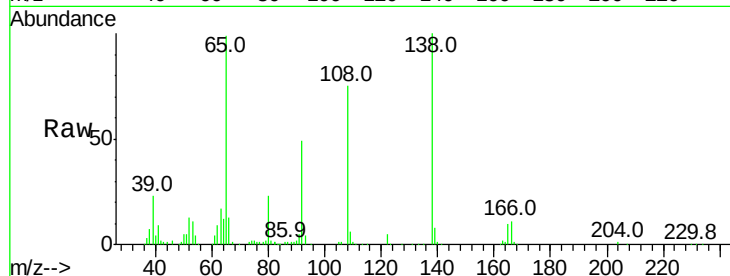
Tot Ion:138 Resp: 163457

Ion Ratio Lower Upper

138 100

92 48.8 40.1 80.1

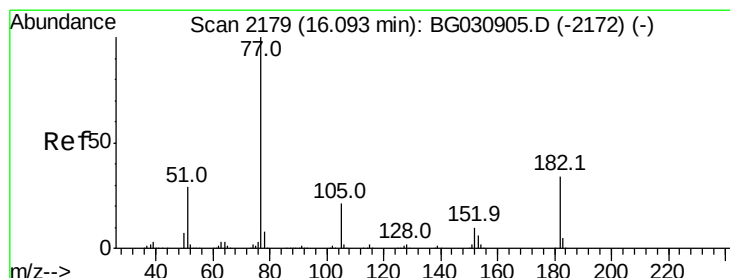
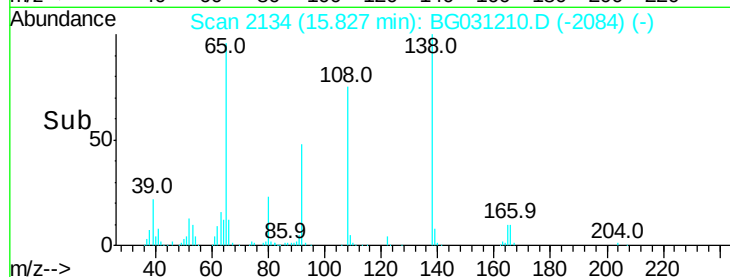
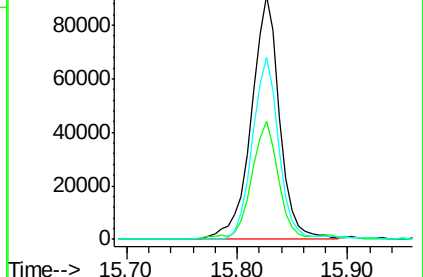
108 74.6 65.4 105.4



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: 48.863 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion: 77 Resp: 570905

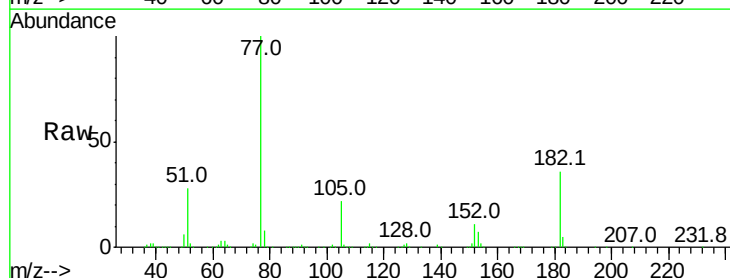
Ion Ratio Lower Upper

77 100

182 35.7 7.4 47.4

105 21.8 0.3 40.3

51 28.1 11.6 51.6

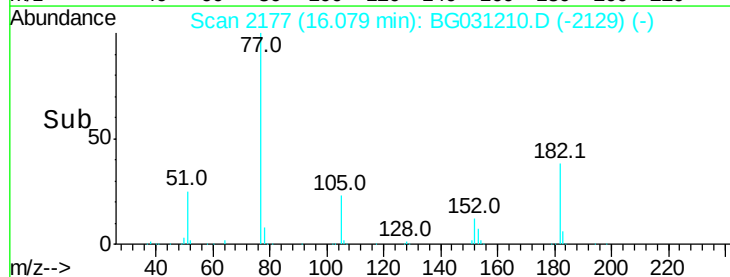
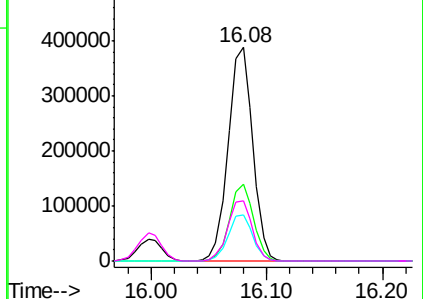


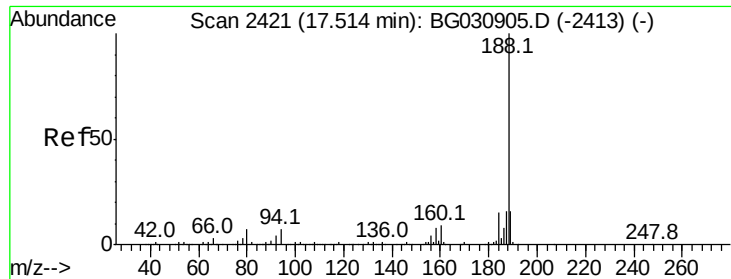
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

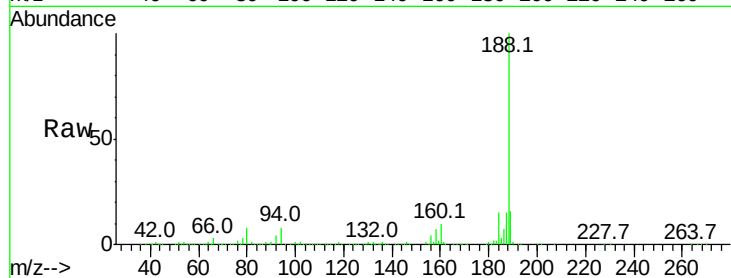




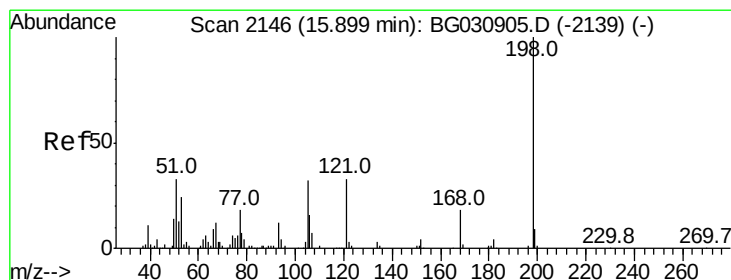
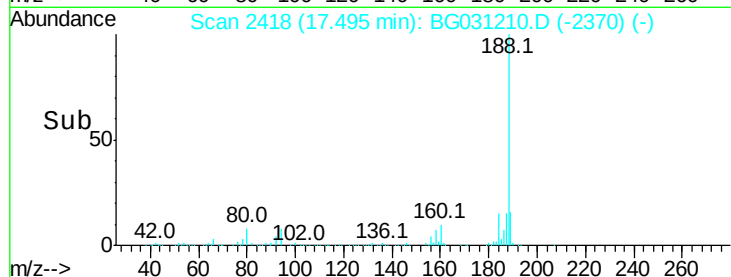
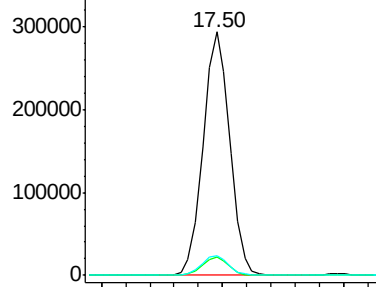
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 449891
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.3 7.7 11.5

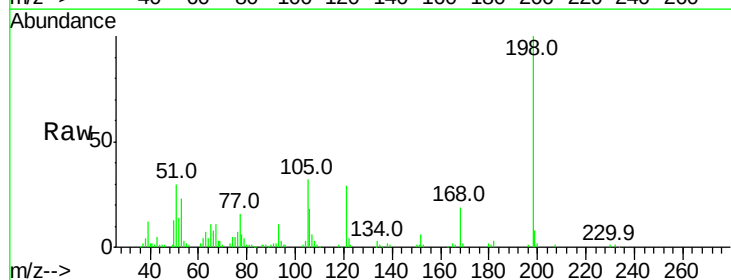


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

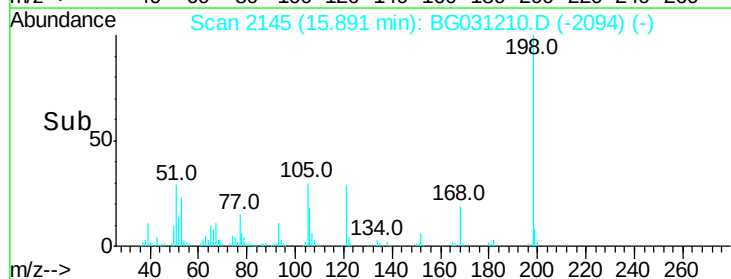
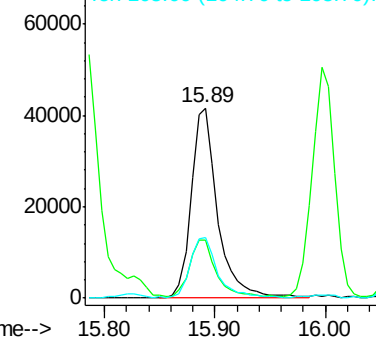


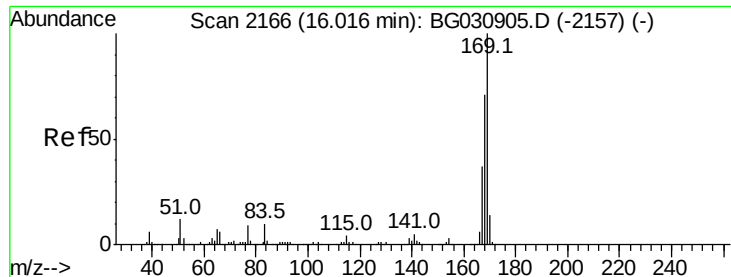
#64
4,6-Dinitro-2-methylphenol
Concen: 23.283 ng
RT: 15.89 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion:198 Resp: 69626
Ion Ratio Lower Upper
198 100
51 30.3 30.6 70.6#
105 31.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

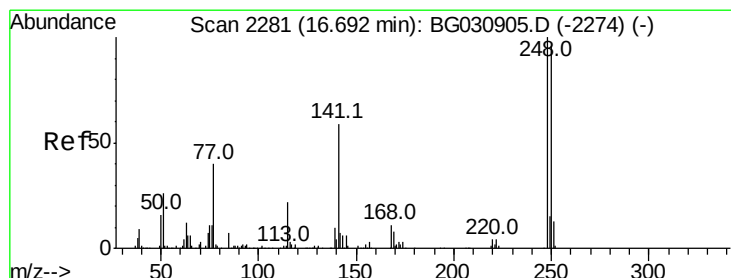
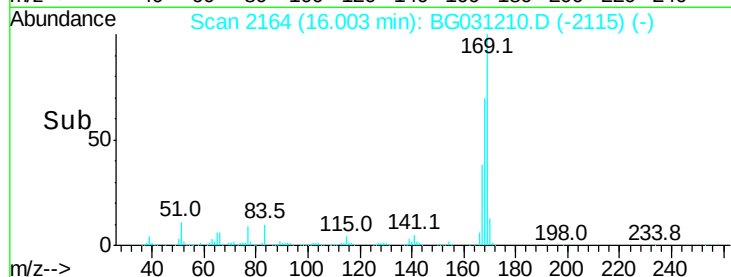
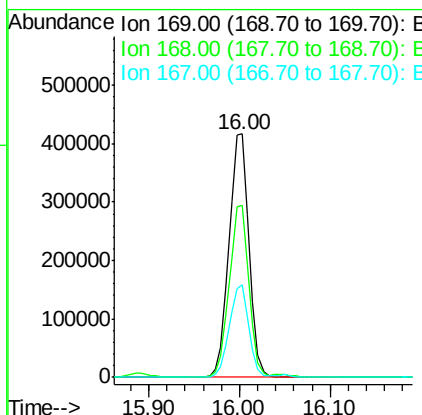
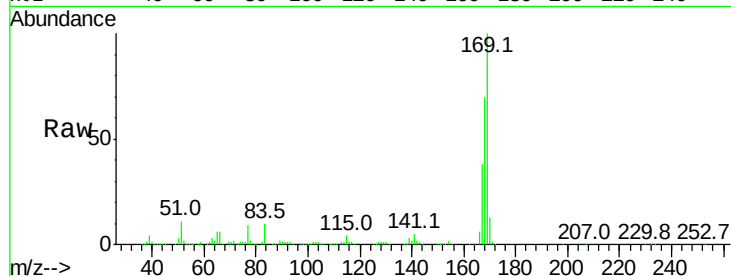




#65
 n-Nitrosodiphenylamine
 Concen: 46.861 ng
 RT: 16.00 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

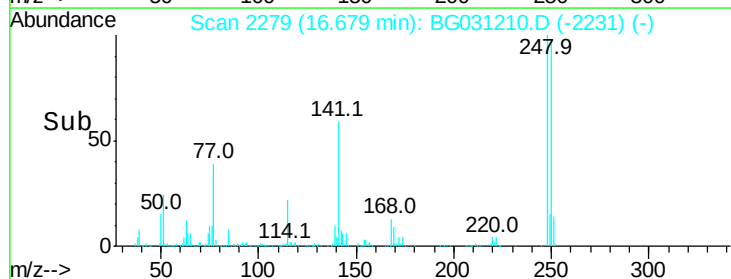
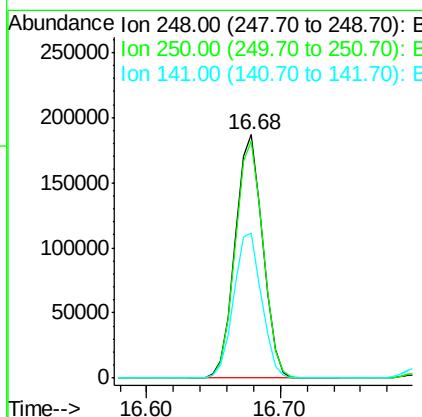
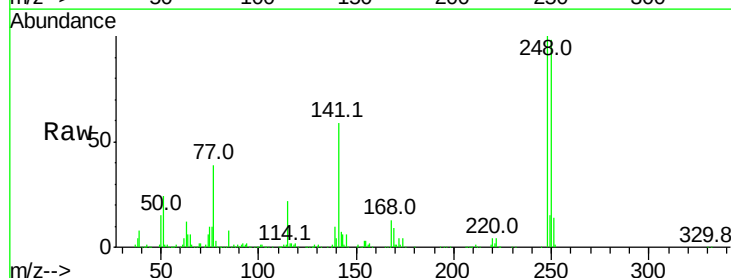
Instrument :
 BNA_G
 ClientSampleId :

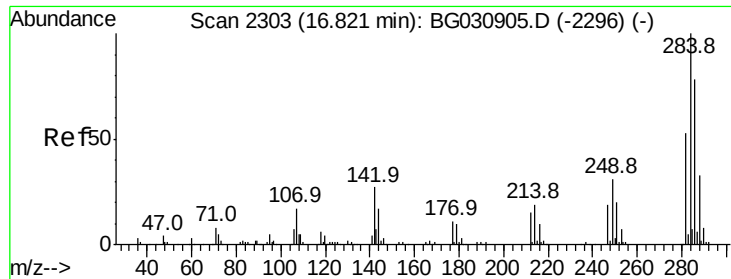
Tot Ion:169 Resp: 638848
 Ion Ratio Lower Upper
 169 100
 168 70.5 55.7 83.5
 167 37.8 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 46.996 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:248 Resp: 267784
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 59.4 50.8 76.2

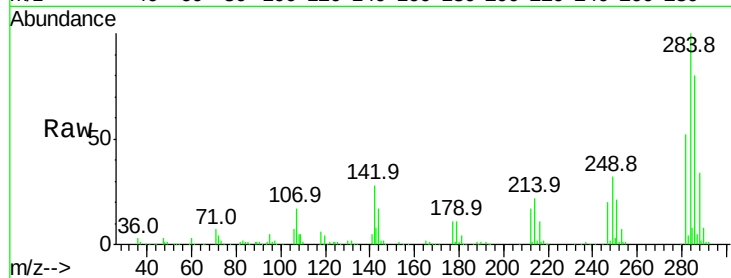




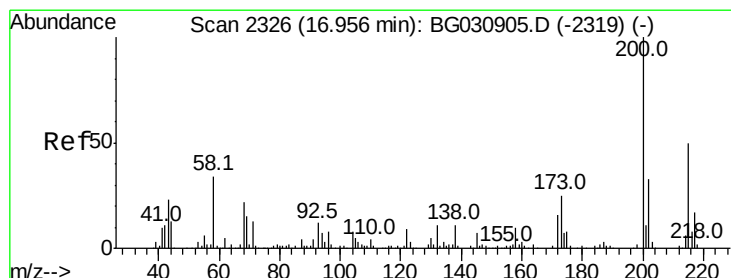
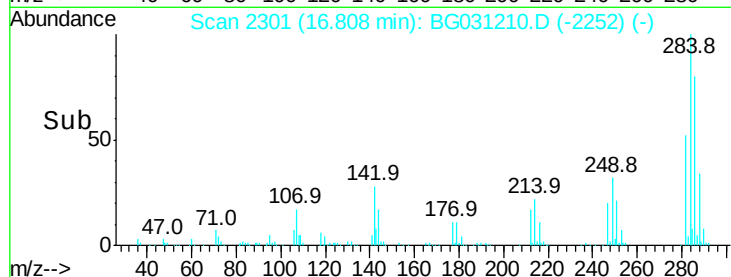
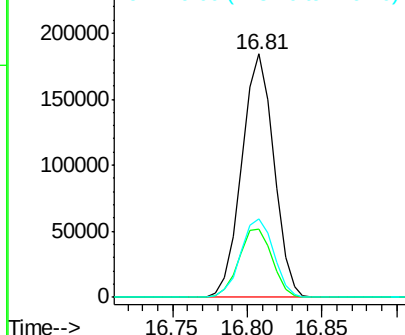
#67
Hexachlorobenzene
Concen: 45.275 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.0	26.8	40.2
249	32.0	26.3	39.5

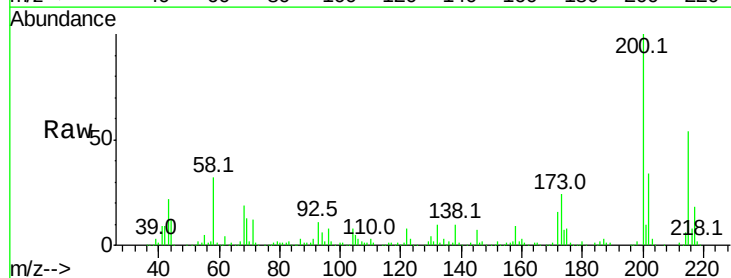


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

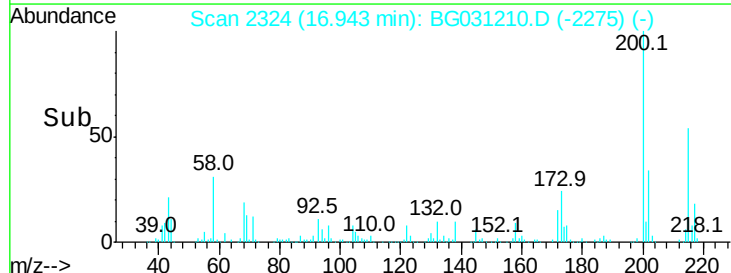
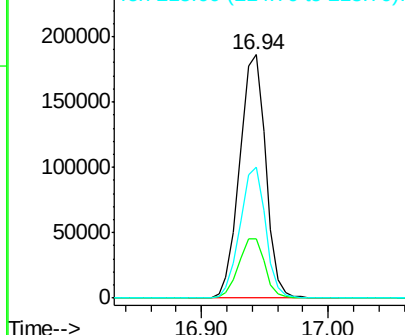


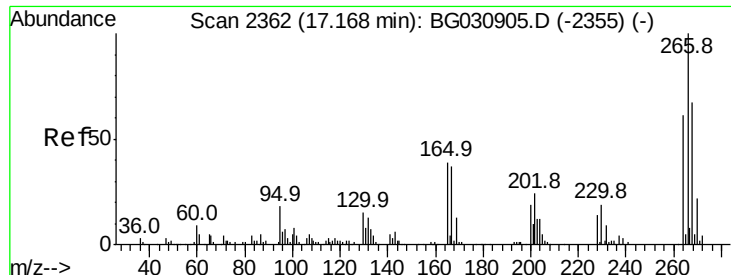
#68
Atrazine
Concen: 47.112 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.2	45.2
215	53.9	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

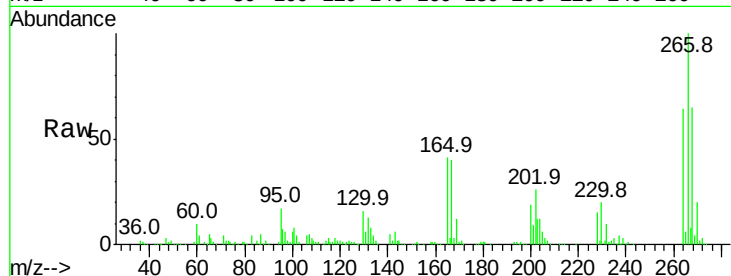




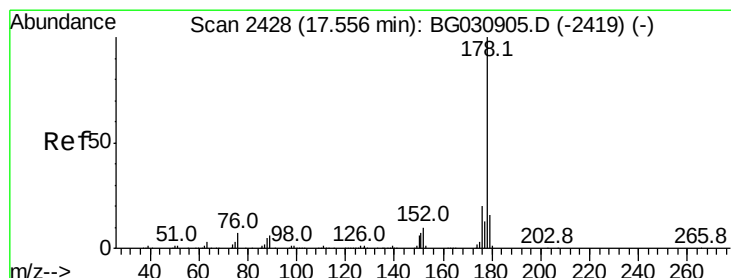
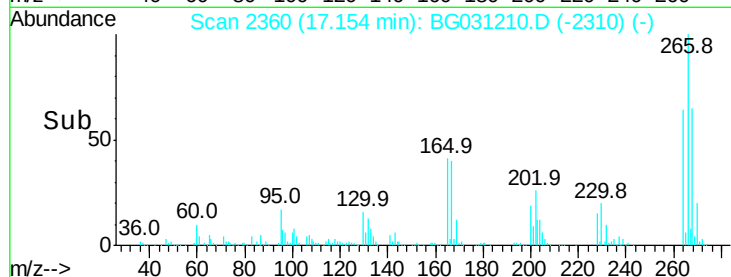
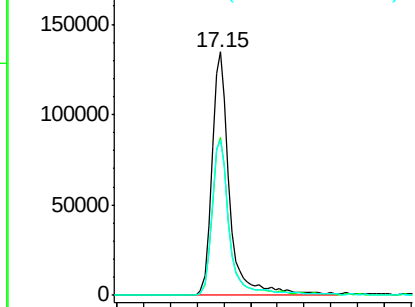
#69
 Pentachlorophenol
 Concen: 75.034 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 251119
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.9 49.6 74.4

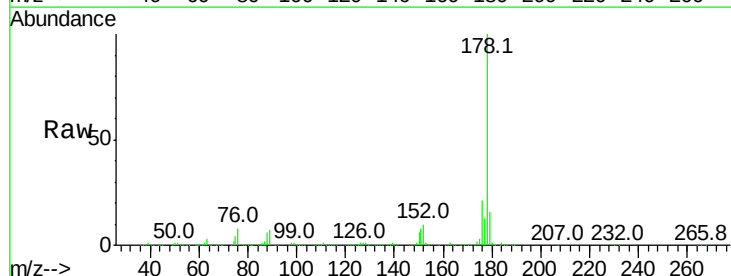


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

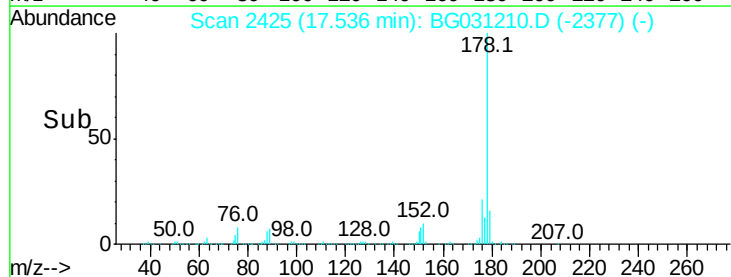
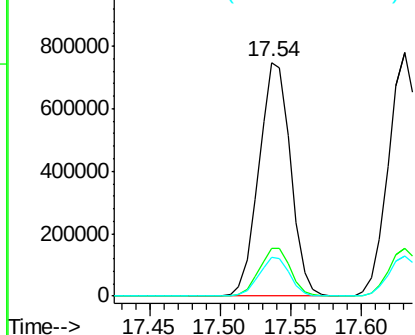


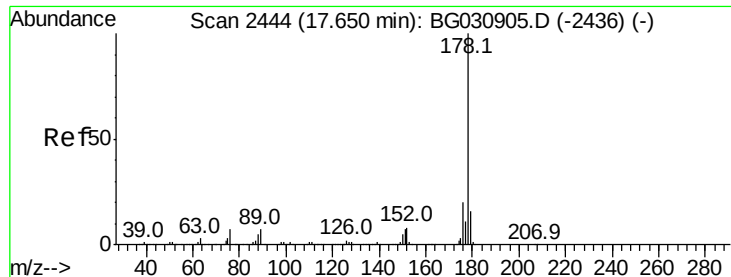
#70
 Phenanthrene
 Concen: 50.531 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:178 Resp: 1183670
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.7 23.5
 179 16.4 12.5 18.7



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





#71

Anthracene

Concen: 50.971 ng

RT: 17.63 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

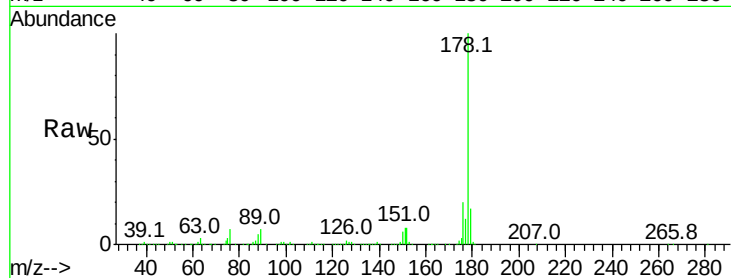
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1196362

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.7	12.5	18.7

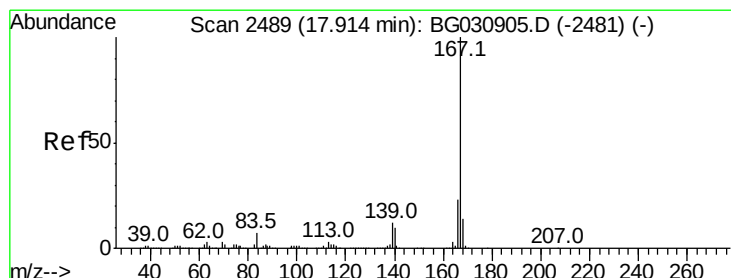
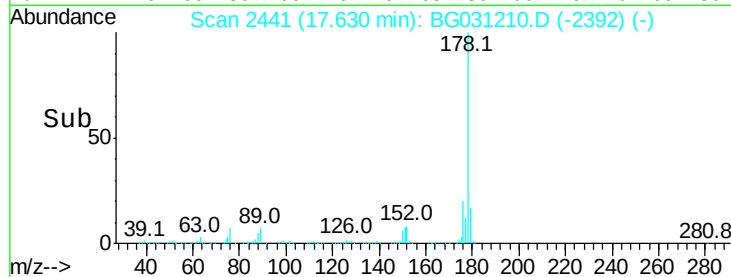
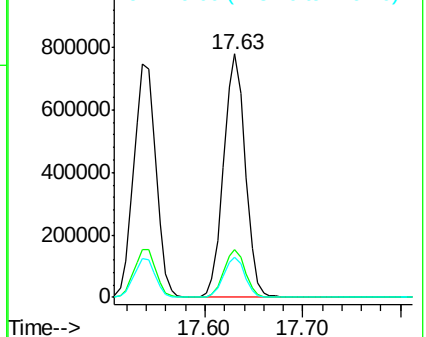


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.411 ng

RT: 17.90 min Scan# 2487

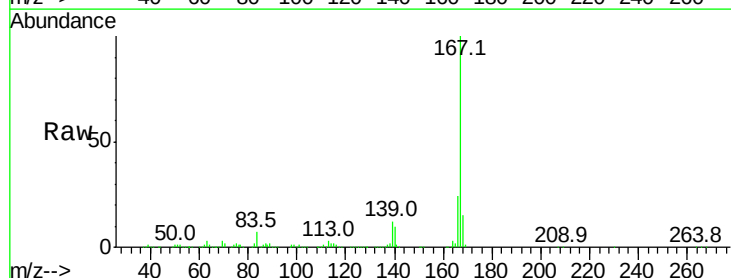
Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:167 Resp: 1108674

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	12.3	9.4	14.2

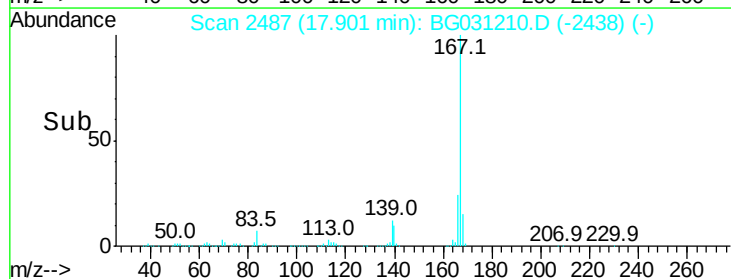
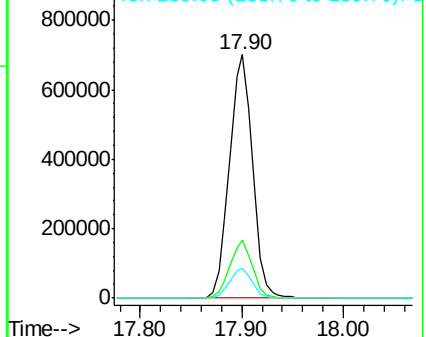


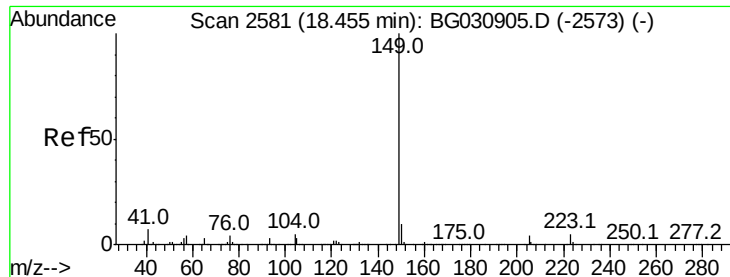
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.301 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

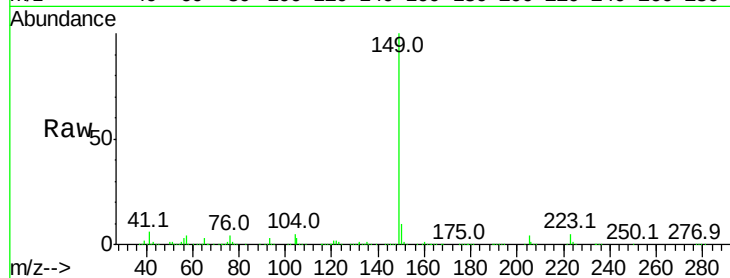
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1277280

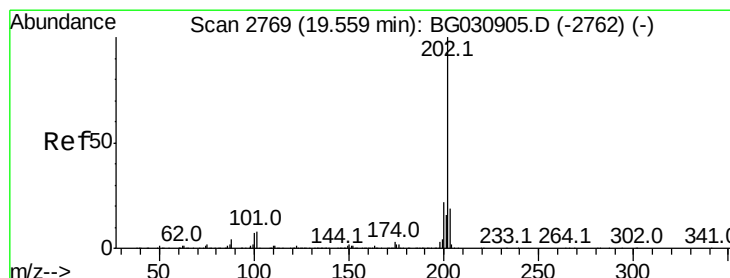
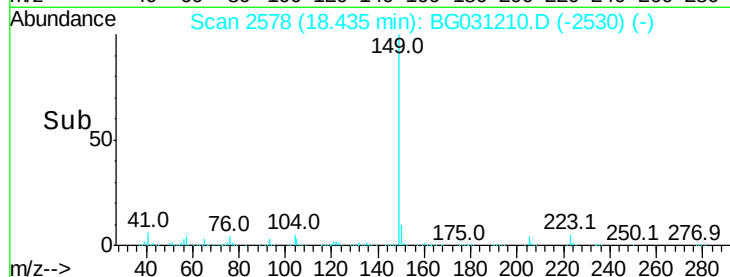
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.9	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.392 ng

RT: 19.54 min Scan# 2766

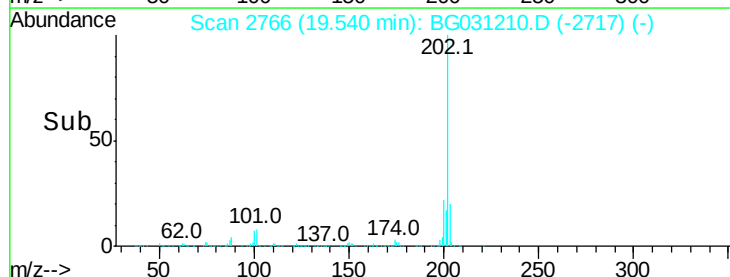
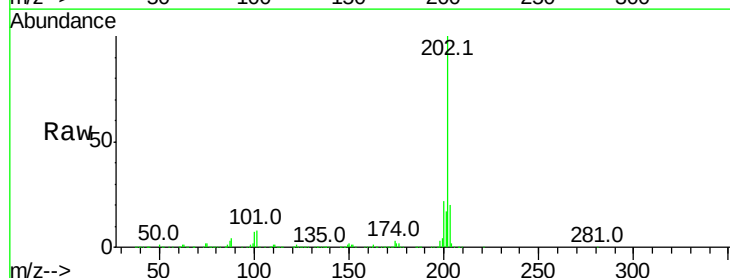
Delta R.T. -0.01 min

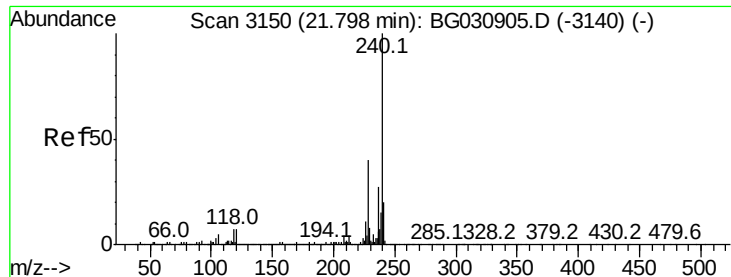
Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:202 Resp: 1524210

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.9
203	19.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

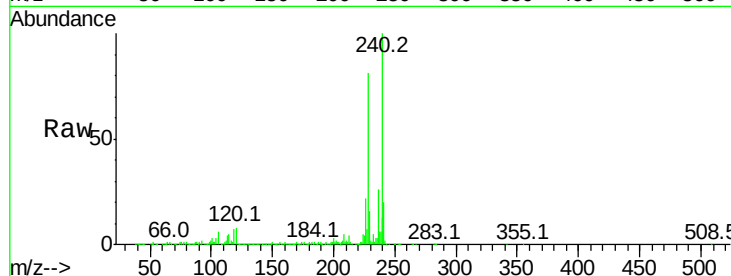
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 524116

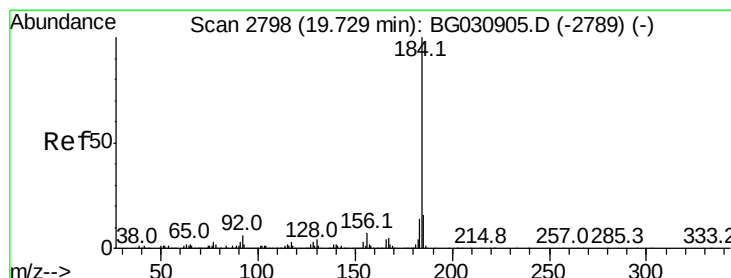
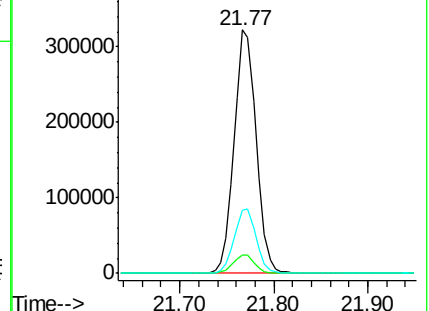
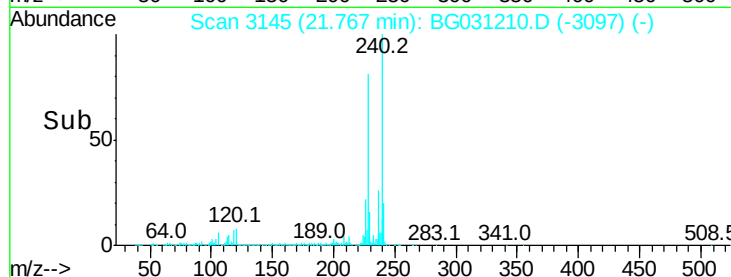
Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	25.8	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.036 ng

RT: 19.71 min Scan# 2795

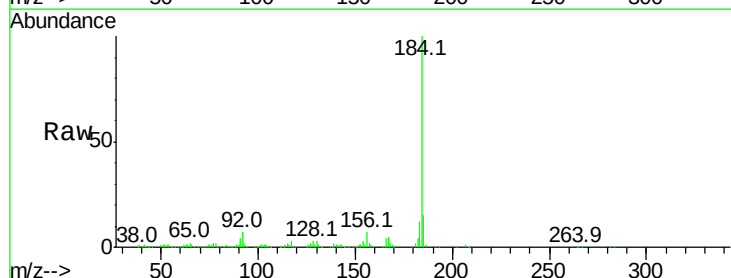
Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:184 Resp: 404670

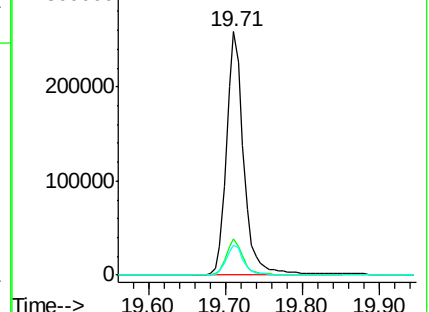
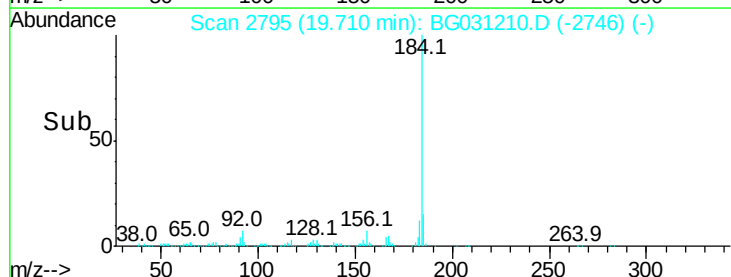
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.1	16.7
183	12.2	10.6	16.0

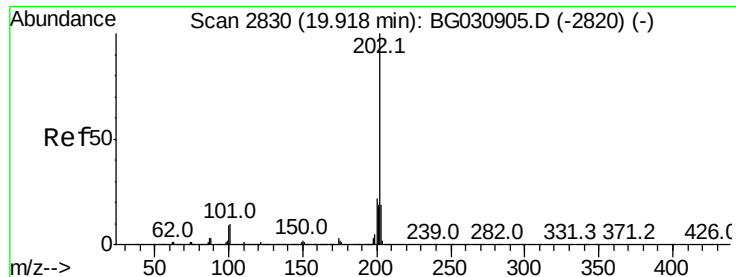


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



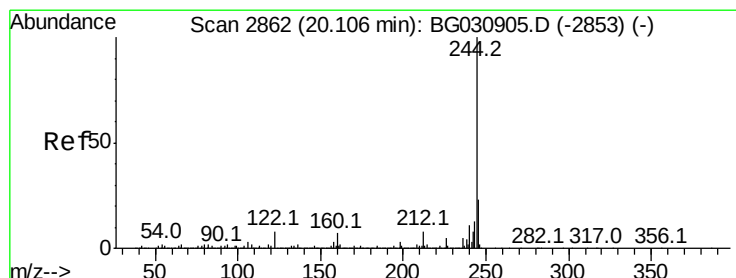
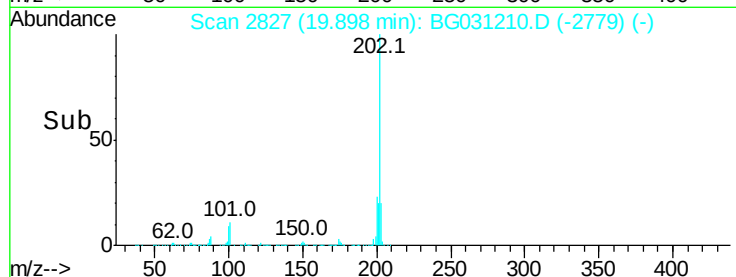
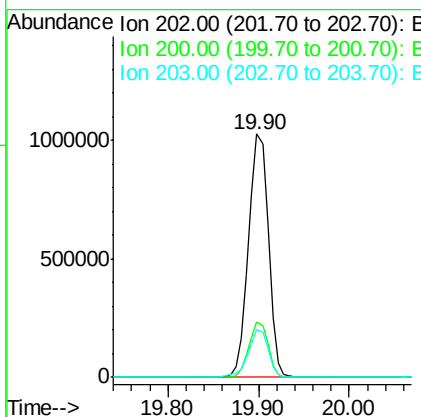
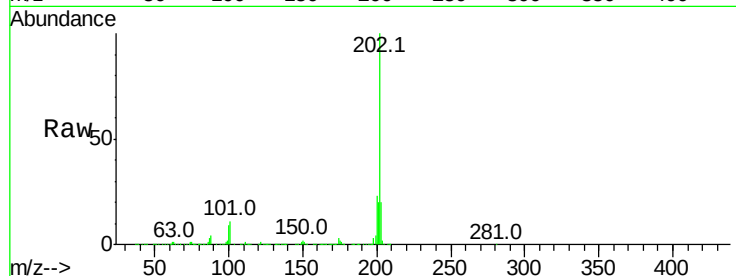


#77
 Pvrene
 Concen: 50.257 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1563027

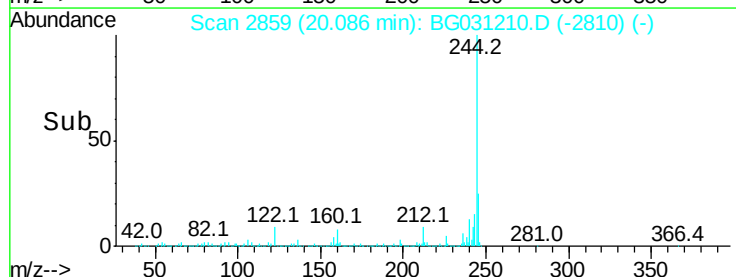
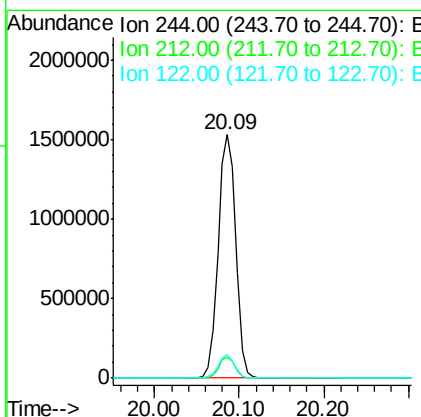
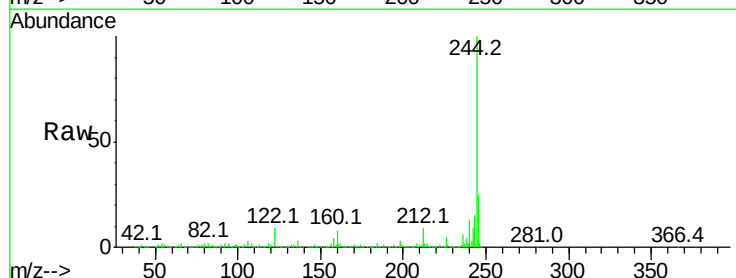
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.7	13.9	20.9

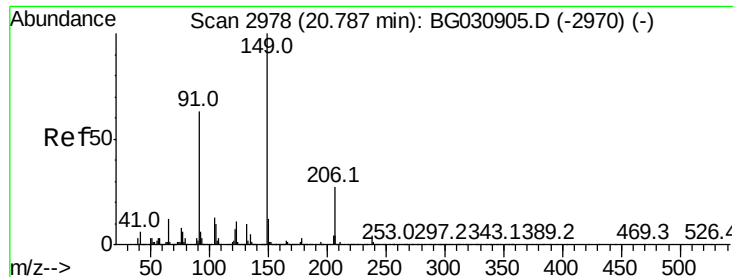


#78
 Terphenyl-d14
 Concen: 93.416 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:244 Resp: 2217350

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.4	7.0	10.4





#79

Butylbenzylphthalate

Concen: 51.265 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

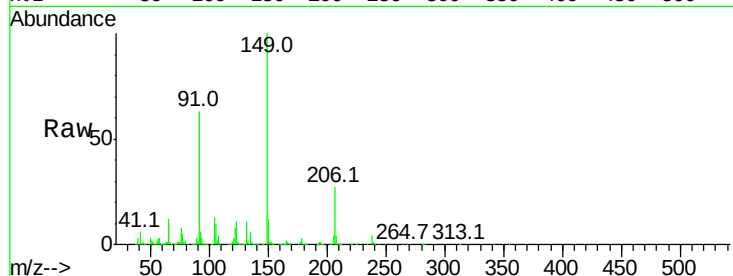
Tot Ion:149 Resp: 635708

Ion Ratio Lower Upper

149 100

91 62.7 62.2 93.2

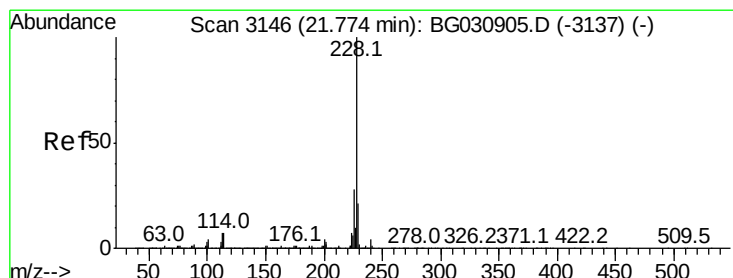
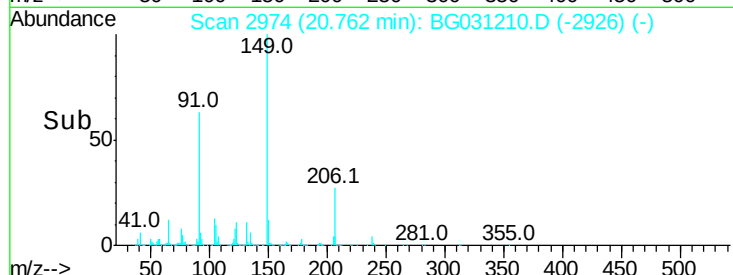
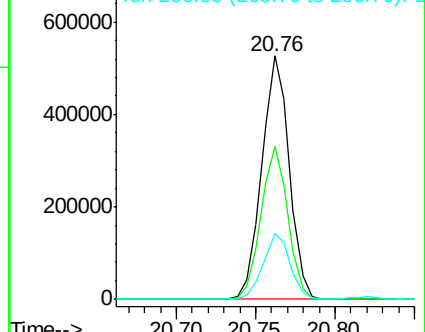
206 27.2 18.6 27.8



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: 49.561 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

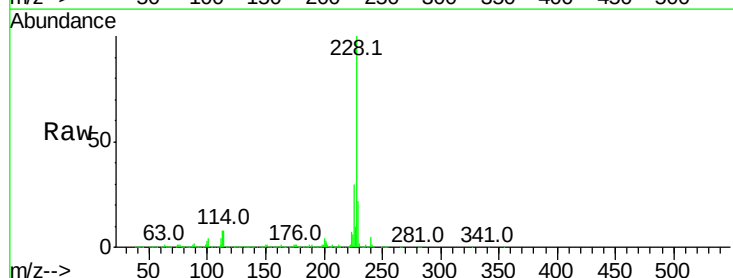
Tgt Ion:228 Resp: 1613503

Ion Ratio Lower Upper

228 100

226 29.7 22.7 34.1

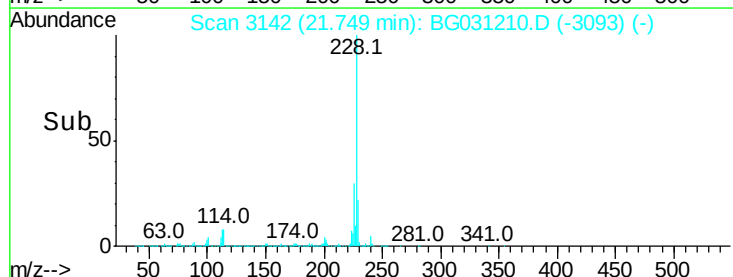
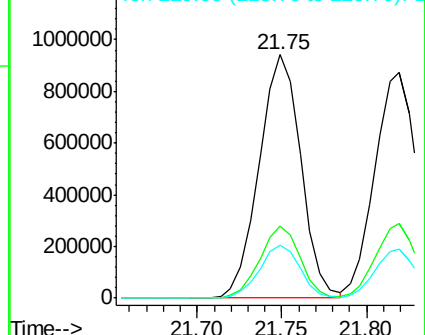
229 21.9 16.2 24.2

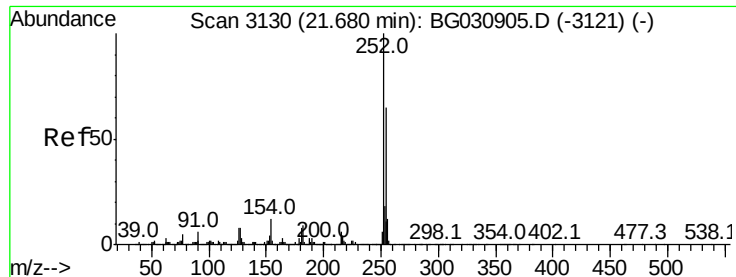


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

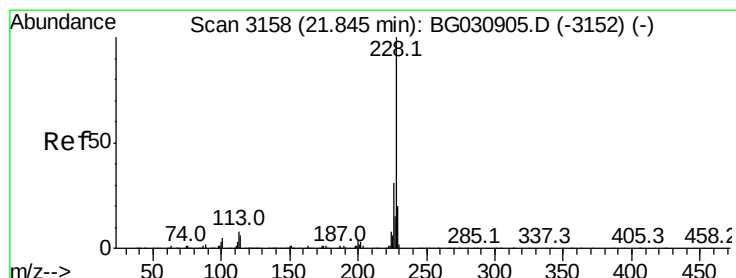
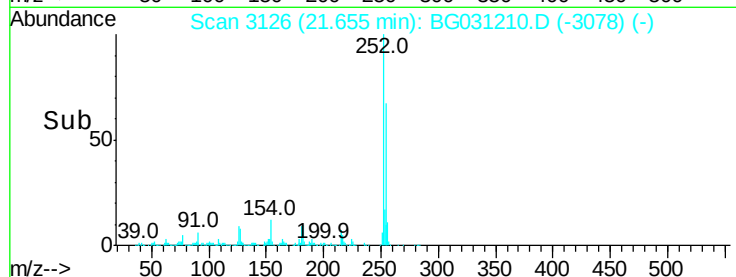
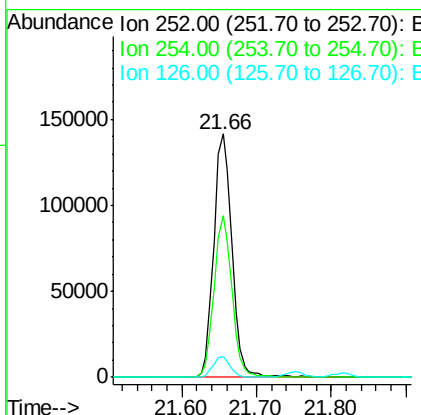
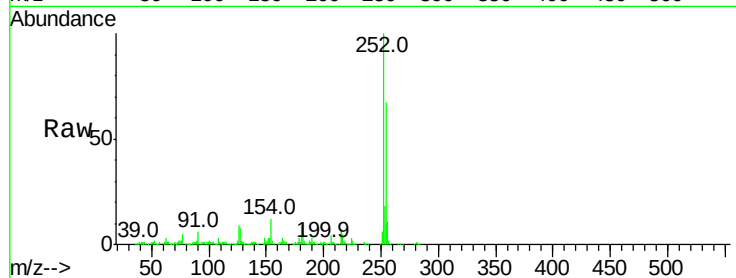




#81
 3,3'-Dichlorobenzidine
 Concen: 18.275 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

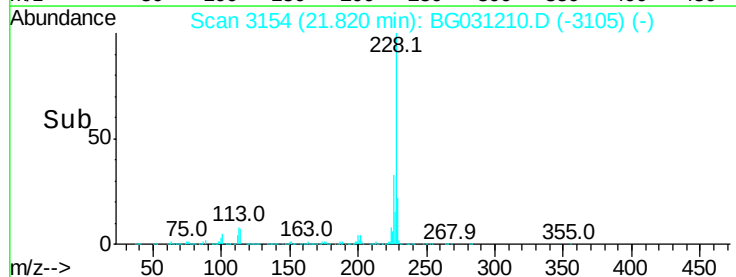
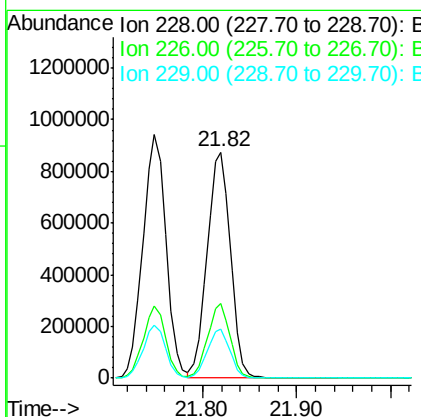
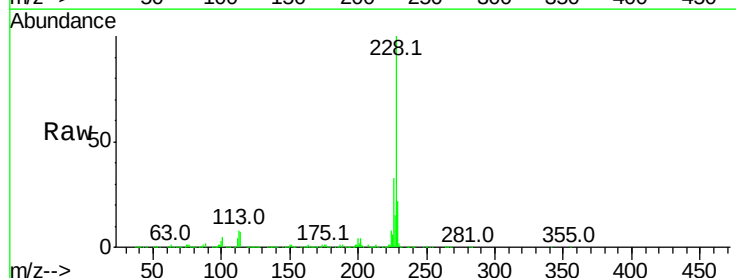
Instrument :
 BNA_G
 ClientSampleId :

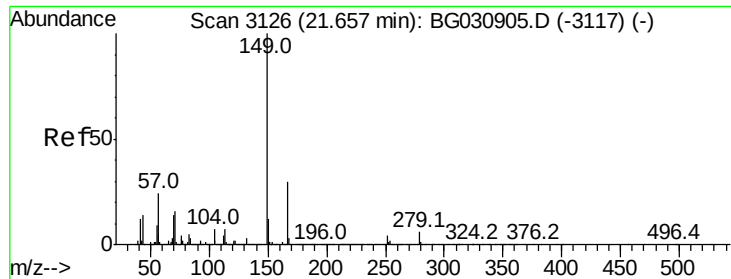
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	8.7	7.4	11.2



#82
 Chrysene
 Concen: 50.595 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	21.8	15.0	22.4

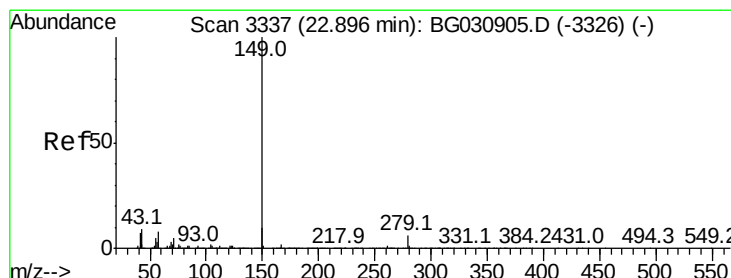
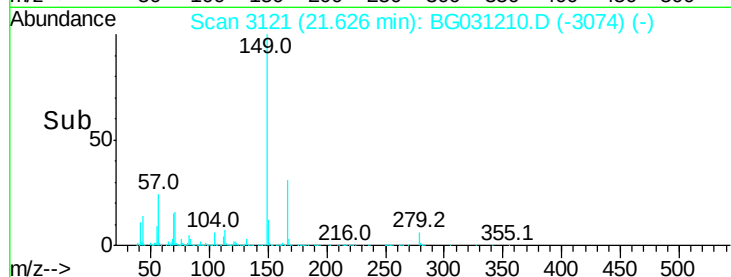
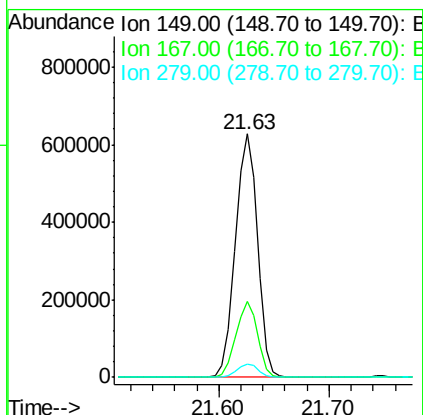
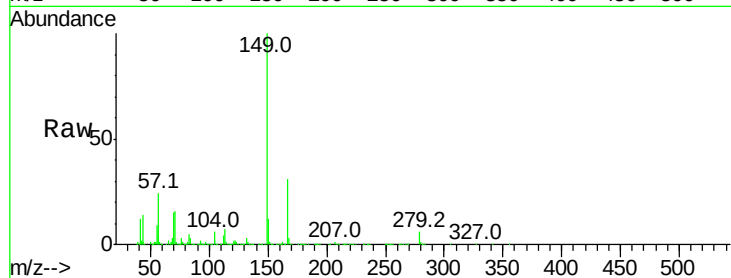




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.417 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

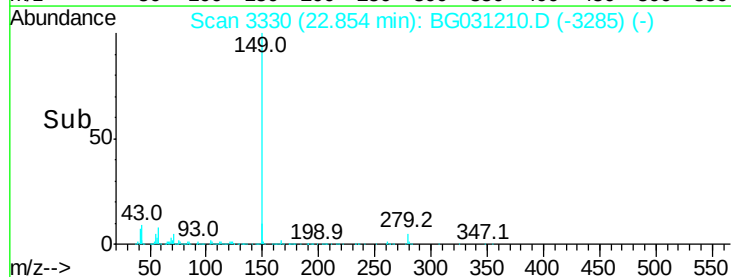
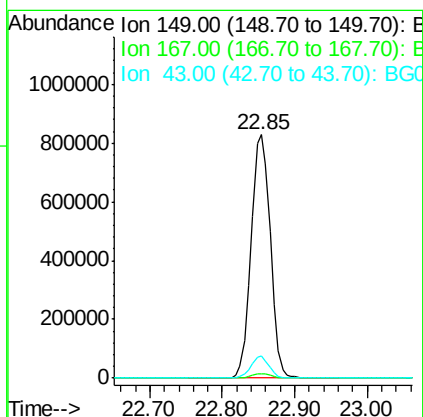
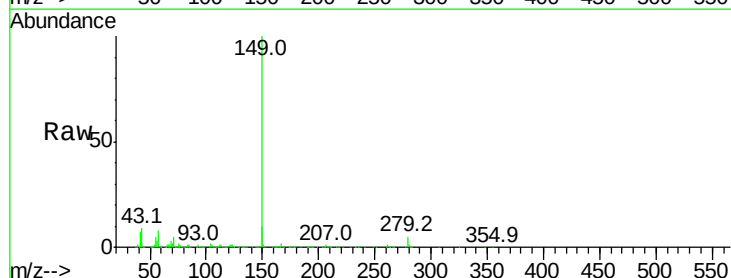
Instrument :
 BNA_G
 ClientSampleId :

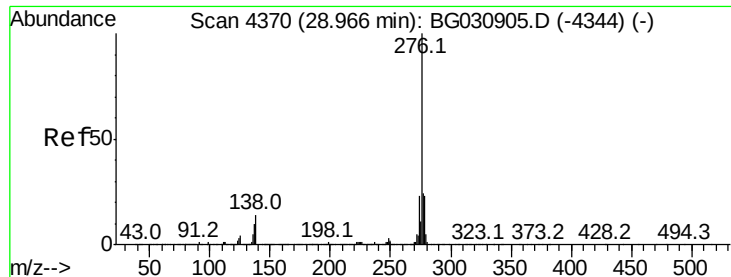
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.3	36.5
279	5.6	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 52.219 ng
 RT: 22.85 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.3	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.039 ng

RT: 28.86 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

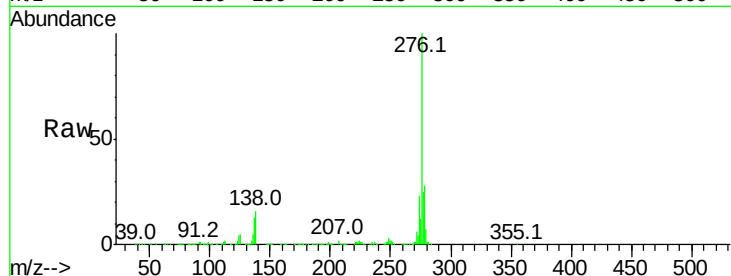
Tot Ion:276 Resp: 1795394

Ion Ratio Lower Upper

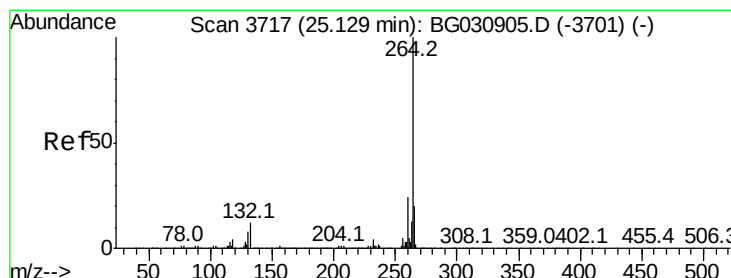
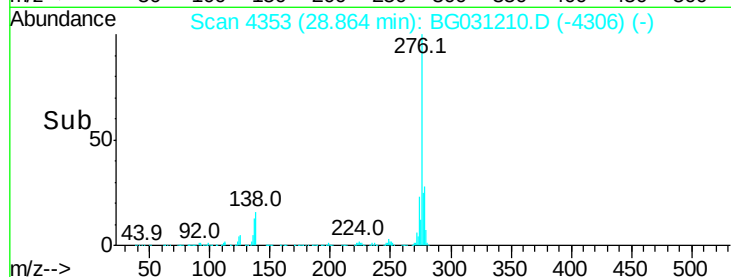
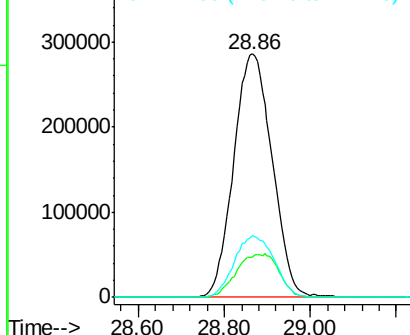
276 100

138 0.0 16.0 24.0#

277 26.2 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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

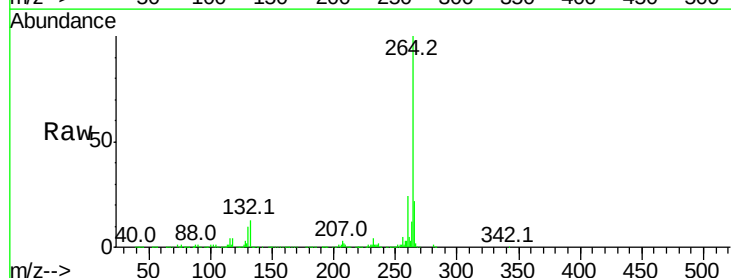
Tgt Ion:264 Resp: 525893

Ion Ratio Lower Upper

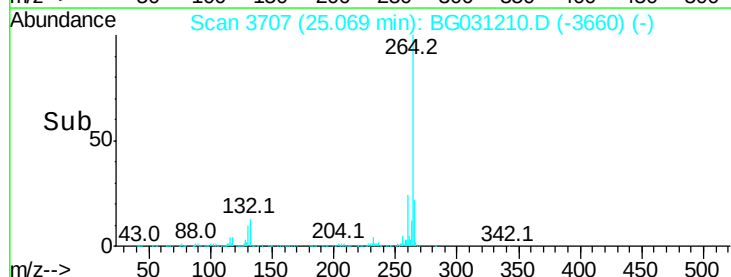
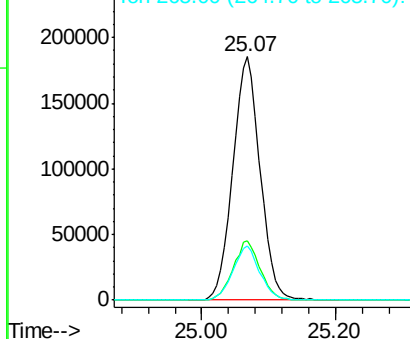
264 100

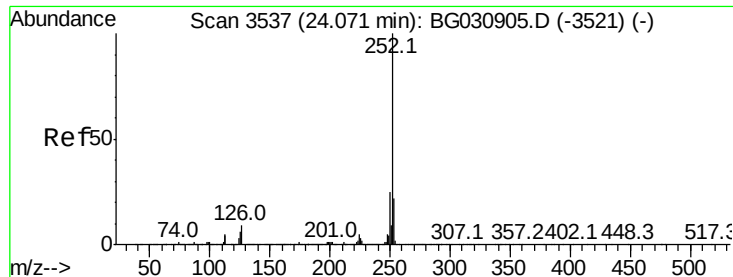
260 24.2 17.4 26.0

265 22.0 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: 50.520 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

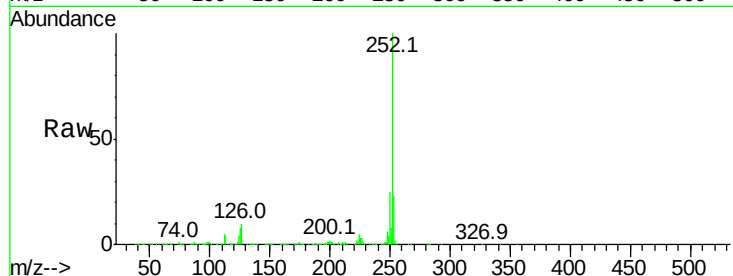
Tot Ion:252 Resp: 1607092

Ion Ratio Lower Upper

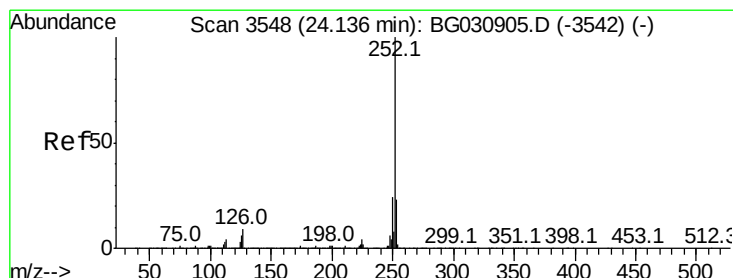
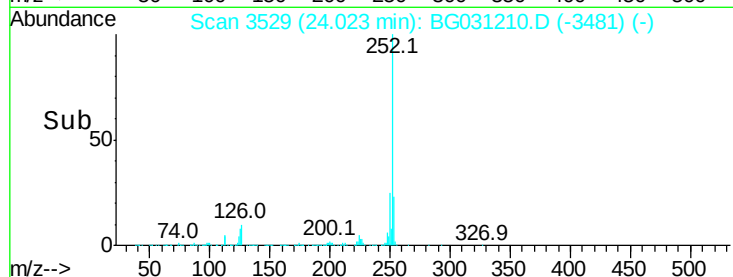
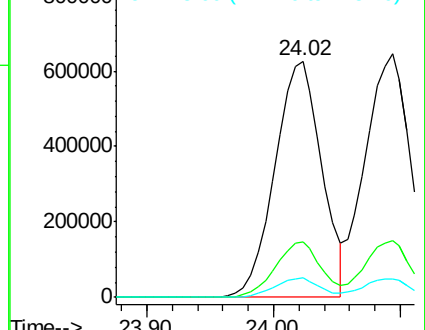
252 100

253 23.4 18.2 27.4

125 8.1 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: 50.849 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

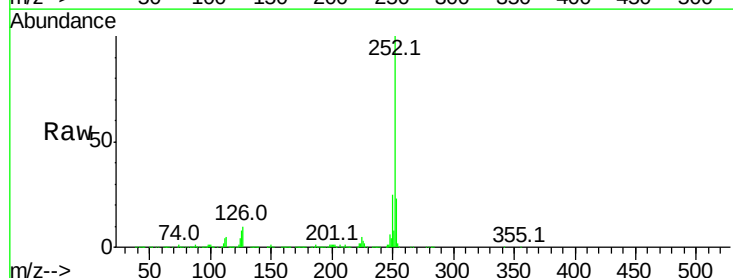
Tgt Ion:252 Resp: 1603319

Ion Ratio Lower Upper

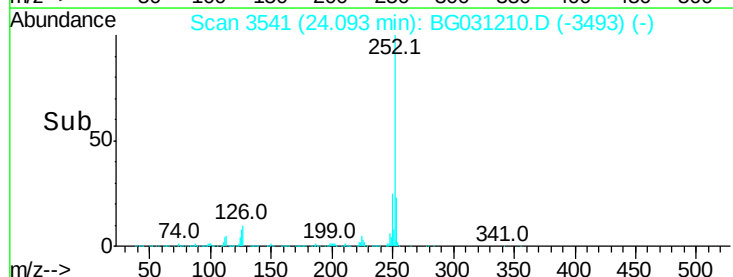
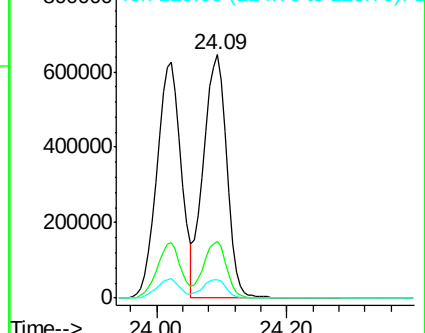
252 100

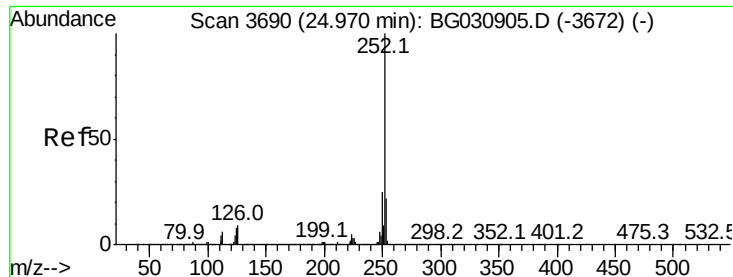
253 23.4 17.4 26.2

125 7.7 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: 51.837 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

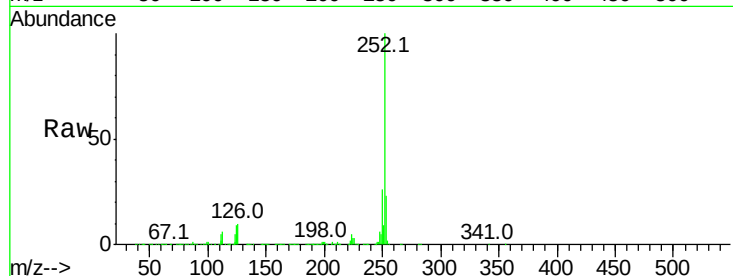
Tot Ion:252 Resp: 1566524

Ion Ratio Lower Upper

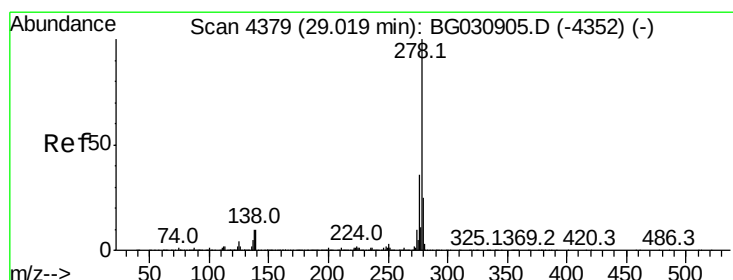
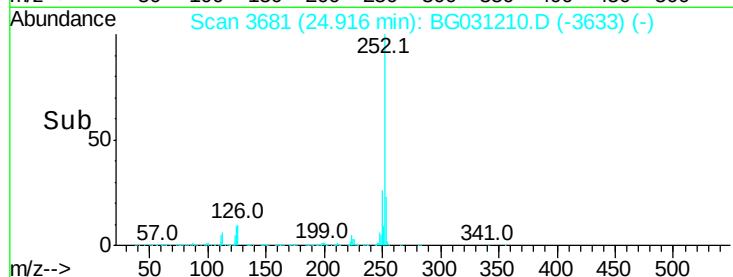
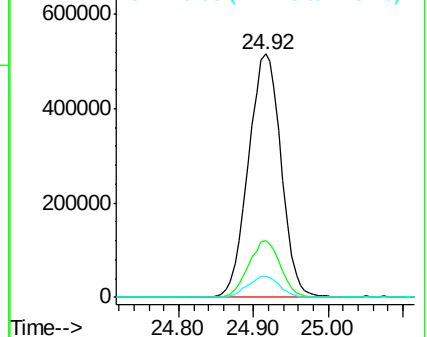
252 100

253 23.1 18.3 27.5

125 8.7 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: 48.193 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

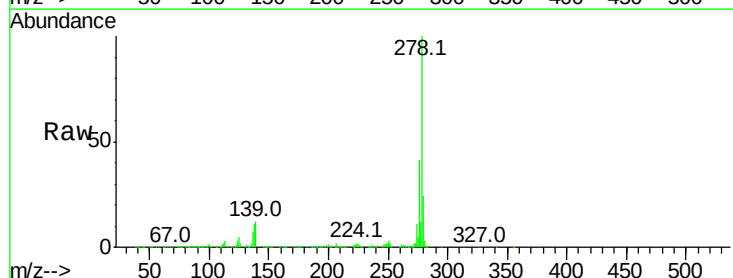
Tgt Ion:278 Resp: 1488620

Ion Ratio Lower Upper

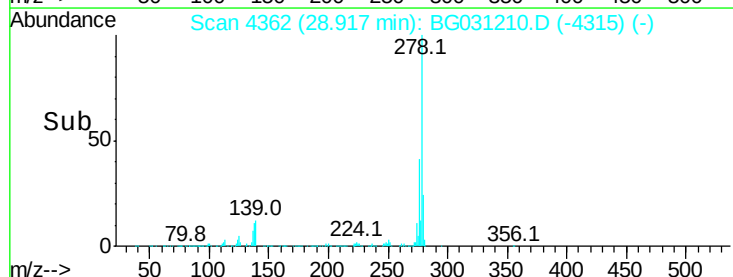
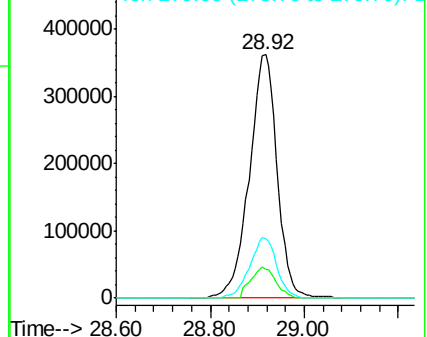
278 100

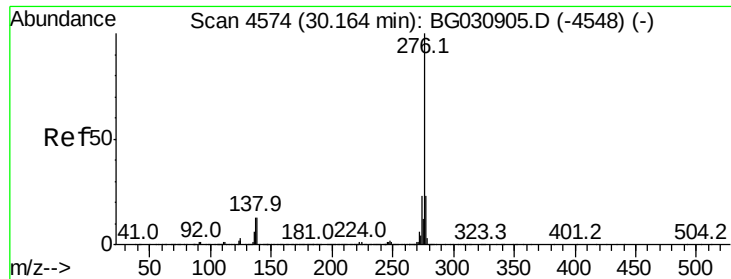
139 11.8 9.8 14.6

279 24.4 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.502 ng

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1484036

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 16.8 13.9 20.9

