

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017031.D
 Acq On : 10 May 2015 20:07
 Operator : TP/IZ
 Sample : PB83190BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Quant Time: May 19 07:52:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52360	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	221914	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	148809	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	355781	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	360383	20.00	ng	-0.02
86) Perylene-d12	23.64	264	354078	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	444218	147.72	ng	0.00
7) Phenol-d6	6.98	99	613279	142.75	ng	0.00
23) Nitrobenzene-d5	8.95	82	403530	88.83	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	255291	170.89	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	840428	85.22	ng	-0.02
78) Terphenyl-d14	19.80	244	1414993	92.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	39479	31.33	ng	# 1
3) Pyridine	3.68	79	121245	31.12	ng	97
4) n-Nitrosodimethylamine	3.59	42	94312	40.55	ng	# 92
6) Aniline	7.12	93	193738	32.12	ng	96
8) 2-Chlorophenol	7.36	128	162974	46.78	ng	96
9) Benzaldehyde	6.93	77	94795	29.70	ng	99
10) Phenol	7.00	94	215660	46.81	ng	94
11) bis(2-Chloroethyl)ether	7.22	93	144769	40.64	ng	97
12) 1,3-Dichlorobenzene	7.68	146	151097	39.33	ng	96
13) 1,4-Dichlorobenzene	7.82	146	153985	39.57	ng	97
14) 1,2-Dichlorobenzene	8.14	146	148232	39.70	ng	97
15) Benzyl Alcohol	8.03	79	170005	43.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	250558	38.00	ng	98
17) 2-Methylphenol	8.25	107	145225	44.77	ng	95
18) Hexachloroethane	8.86	117	64080	40.06	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	137203	36.42	ng	99
20) 3+4-Methylphenols	8.57	107	200127	44.77	ng	94
22) Acetophenone	8.61	105	236130	44.67	ng	# 98
24) Nitrobenzene	8.99	77	202270	44.09	ng	98
25) Isophorone	9.51	82	362724	39.55	ng	97
26) 2-Nitrophenol	9.70	139	93312	49.96	ng	98
27) 2,4-Dimethylphenol	9.77	122	161571	47.80	ng	94
28) bis(2-Chloroethoxy)methane	10.00	93	193030	41.69	ng	97
29) 2,4-Dichlorophenol	10.24	162	160179	50.16	ng	97
30) 1,2,4-Trichlorobenzene	10.44	180	152127	44.92	ng	98
31) Naphthalene	10.63	128	477728	43.28	ng	99
32) Benzoic acid	9.91	122	110208	52.35	ng	92
33) 4-Chloroaniline	10.74	127	134708	26.43	ng	96
34) Hexachlorobutadiene	10.91	225	92762	43.77	ng	94
35) Caprolactam	11.51	113	51611	31.11	ng	92
36) 4-Chloro-3-methylphenol	11.89	107	203451	49.76	ng	100
37) 2-Methylnaphthalene	12.25	142	366365	43.58	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	167610	41.67	ng	# 100
40) Hexachlorocyclopentadiene	12.59	237	211003	81.22	ng	92

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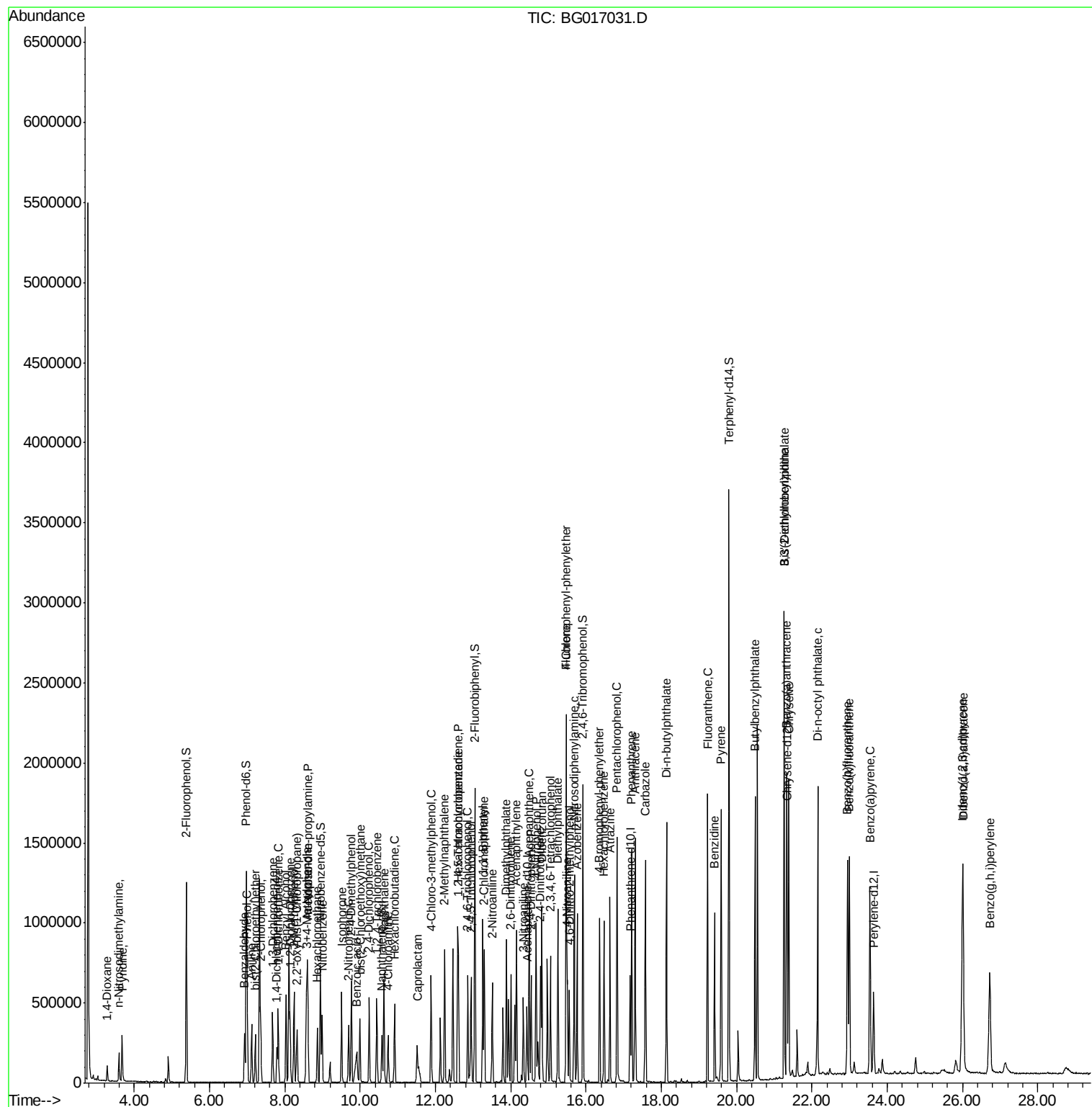
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	130967	45.94	ng	92
43) 2,4,5-Trichlorophenol	12.95	196	143704	47.49	ng	98
45) 1,1'-Biphenyl	13.26	154	465836	43.72	ng	99
46) 2-Chloronaphthalene	13.30	162	368333	43.65	ng	98
47) 2-Nitroaniline	13.51	65	159110	54.17	ng	97
48) Acenaphthylene	14.15	152	639059	43.49	ng	99
49) Dimethylphthalate	13.89	163	494237	44.48	ng	99
50) 2,6-Dinitrotoluene	14.01	165	118663	51.44	ng	96
51) Acenaphthene	14.49	154	379507	43.39	ng	96
52) 3-Nitroaniline	14.34	138	107960	41.13	ng	88
53) 2,4-Dinitrophenol	14.54	184	124968	118.43	ng	86
54) Dibenzofuran	14.83	168	580901	46.77	ng	95
55) 4-Nitrophenol	14.67	139	232260	104.36	ng	96
56) 2,4-Dinitrotoluene	14.79	165	168797	57.19	ng	93
57) Fluorene	15.47	166	515413	46.88	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.06	232	132171	50.62	ng	# 77
59) Diethylphthalate	15.26	149	539834	46.02	ng	98
60) 4-Chlorophenyl-phenylether	15.47	204	251398	45.51	ng	99
61) 4-Nitroaniline	15.51	138	150789	49.55	ng	93
62) Azobenzene	15.76	77	582862	47.98	ng	94
64) 4,6-Dinitro-2-methylphenol	15.56	198	99712	56.52	ng	92
65) n-Nitrosodiphenylamine	15.69	169	457344	42.11	ng	97
66) 4-Bromophenyl-phenylether	16.37	248	158834	44.48	ng	95
67) Hexachlorobenzene	16.48	284	166935	44.33	ng	98
68) Atrazine	16.64	200	183598	46.97	ng	99
69) Pentachlorophenol	16.82	266	231199	94.56	ng	95
70) Phenanthrene	17.21	178	799804	43.68	ng	99
71) Anthracene	17.31	178	823529	44.58	ng	99
72) Carbazole	17.58	167	792928	45.16	ng	98
73) Di-n-butylphthalate	18.14	149	1030975	45.29	ng	100
74) Fluoranthene	19.23	202	947869	44.62	ng	98
76) Benzidine	19.42	184	503044	41.08	ng	99
77) Pyrene	19.59	202	968500	45.53	ng	99
79) Butylbenzylphthalate	20.49	149	458691	45.37	ng	98
80) Benzo(a)anthracene	21.33	228	897056	46.40	ng	98
81) 3,3'-Dichlorobenzidine	21.27	252	250816	33.23	ng	97
82) Chrysene	21.38	228	837873	46.27	ng	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	633475	45.81	ng	99
84) Di-n-octyl phthalate	22.15	149	1045515	45.01	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1004643	46.56	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	887315	44.98	ng	96
88) Benzo(k)fluoranthene	22.99	252	860639	45.35	ng	100
89) Benzo(a)pyrene	23.55	252	858523	46.67	ng	98
90) Dibenzo(a,h)anthracene	26.02	278	847329	45.10	ng	96
91) Benzo(g,h,i)perylene	26.72	276	800485	44.74	ng	97

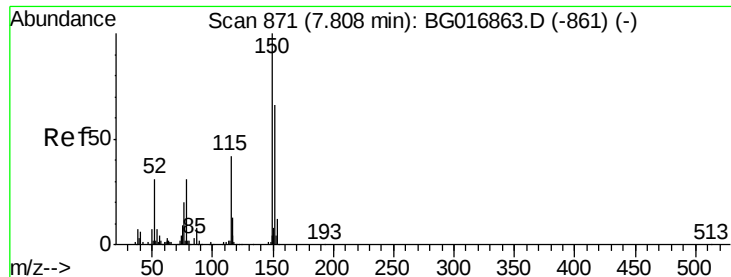
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

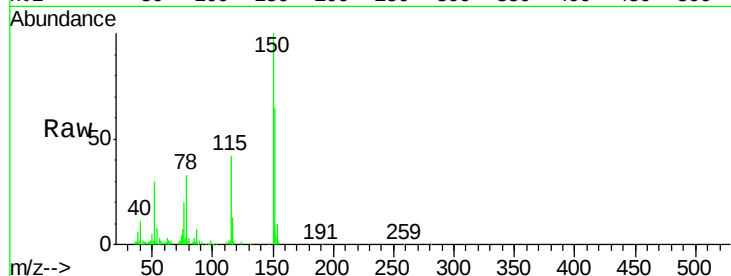
Tgt Ion:152 Resp: 52360

Ion Ratio Lower Upper

152 100

150 154.9 121.0 181.4

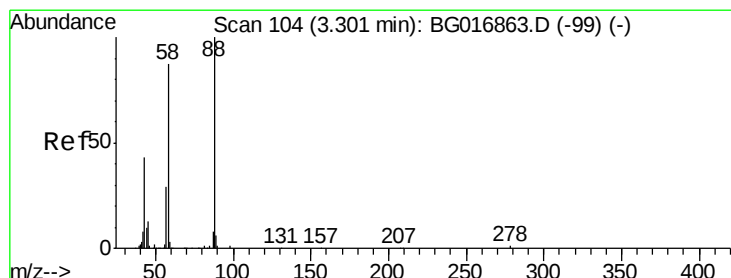
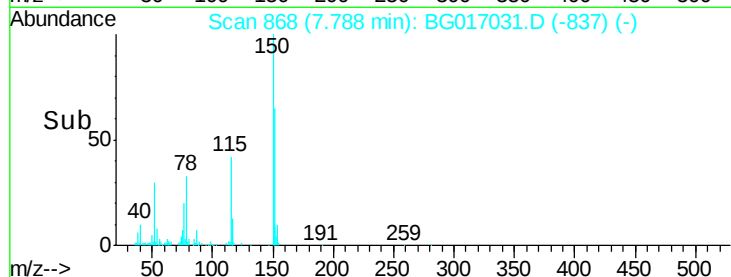
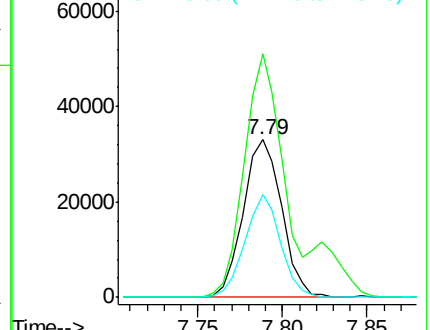
115 65.3 50.5 75.7



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: 31.33 ng

RT: 3.28 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

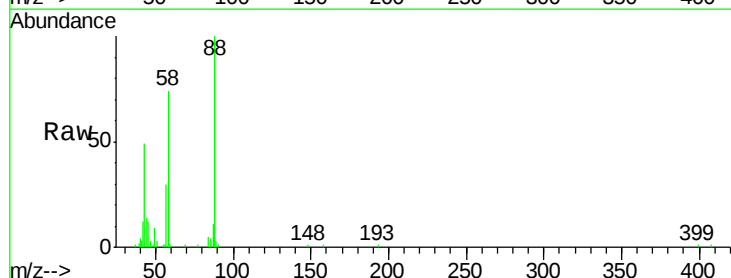
Tgt Ion: 88 Resp: 39479

Ion Ratio Lower Upper

88 100

58 84.1 0.1 0.1#

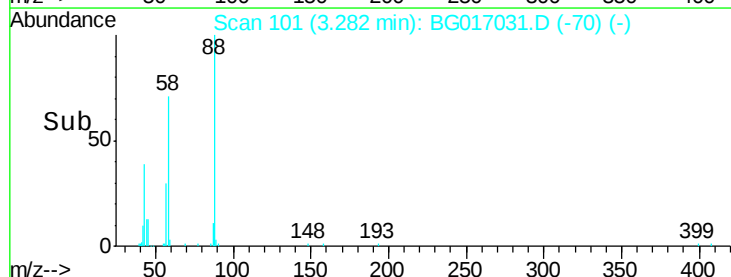
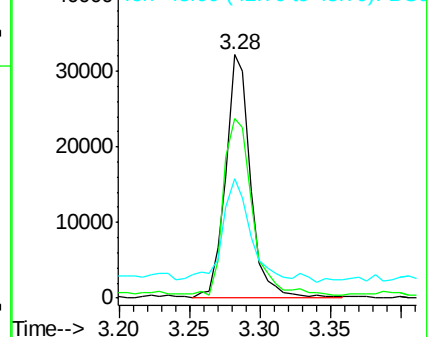
43 45.7 1.3 1.9#

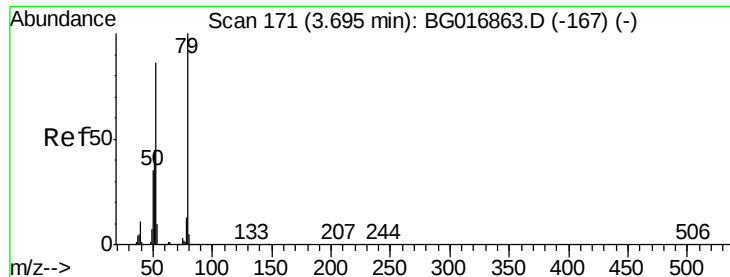


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.12 ng

RT: 3.68 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampled :

PB83190BS

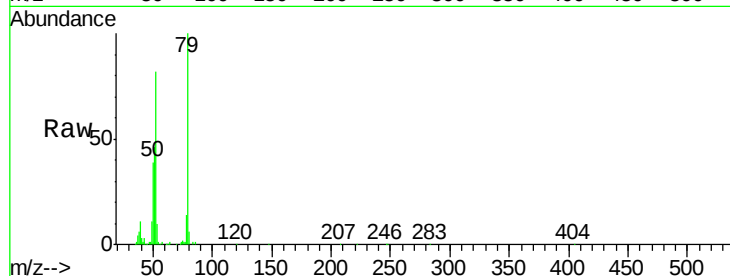
Tgt Ion: 79 Resp: 121245

Ion Ratio Lower Upper

79 100

52 82.0 68.5 102.7

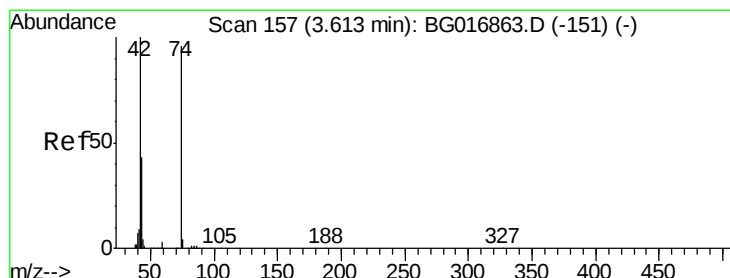
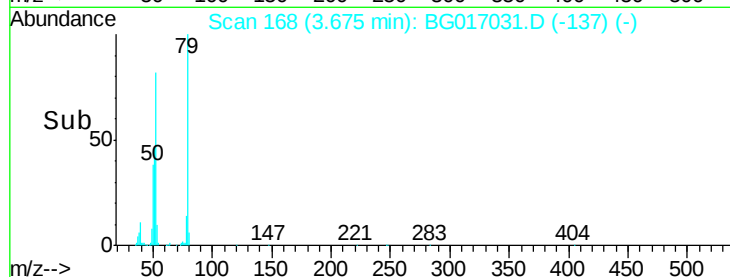
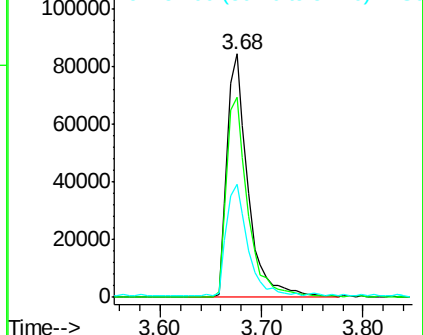
51 46.4 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.55 ng

RT: 3.59 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

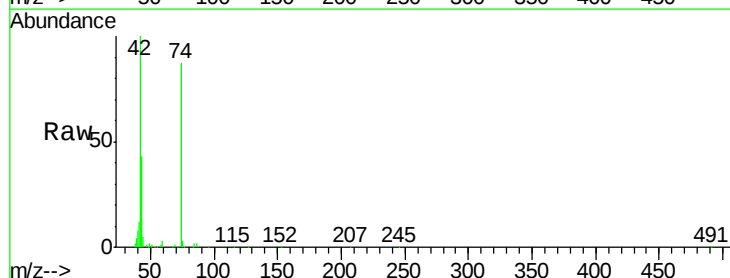
Tgt Ion: 42 Resp: 94312

Ion Ratio Lower Upper

42 100

74 87.3 76.2 114.2

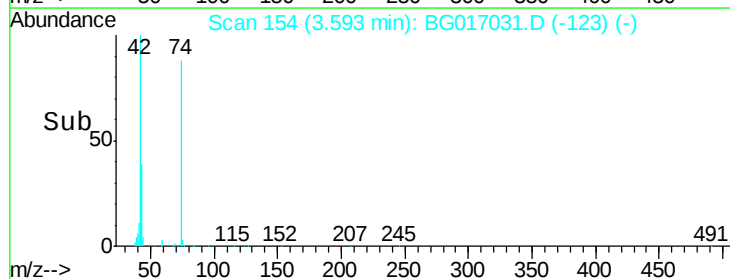
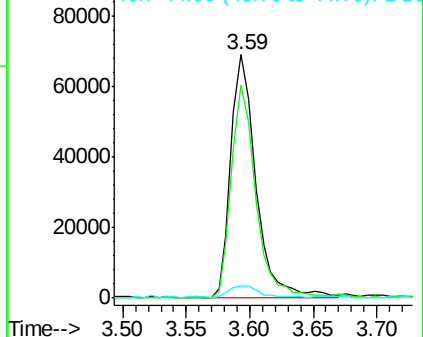
44 4.7 4.9 7.3#

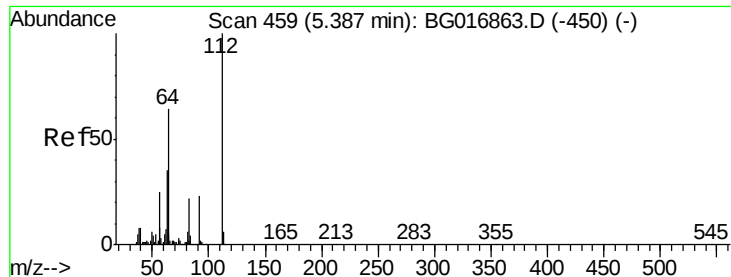


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 147.72 ng

RT: 5.39 min Scan# 459

Delta R.T. -0.00 min

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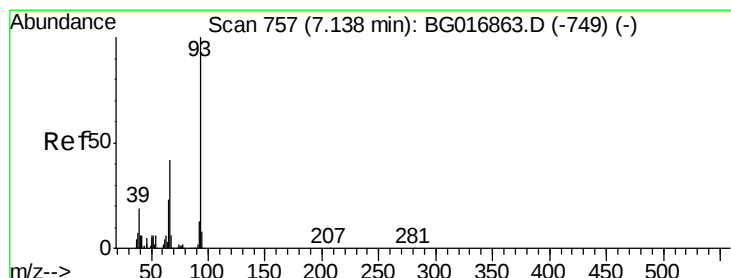
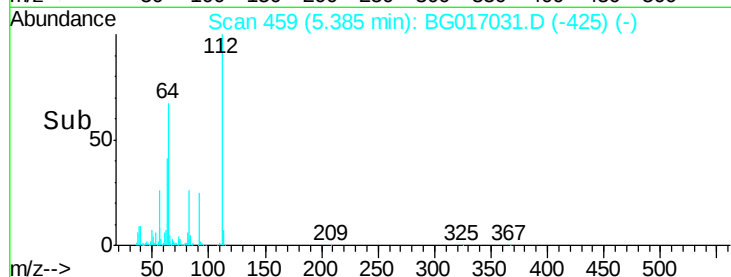
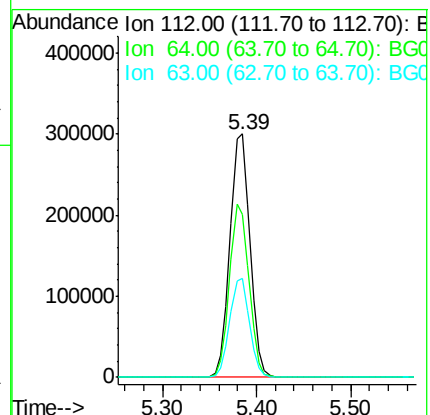
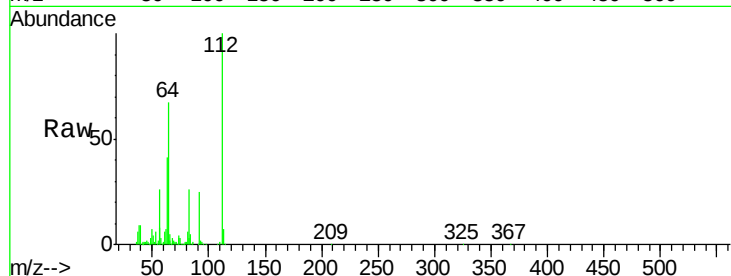
Tgt Ion: 112 Resp: 444218

Ion Ratio Lower Upper

112 100

64 67.0 51.4 77.2

63 40.9 28.1 42.1



#6

Aniline

Concen: 32.12 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

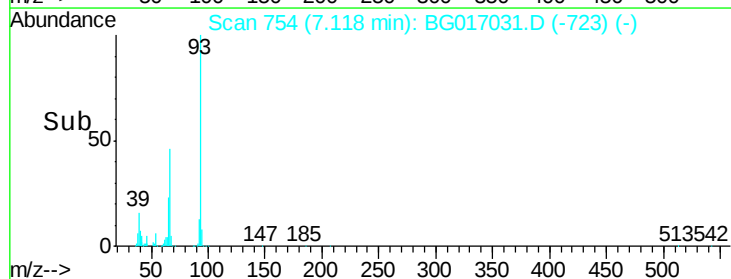
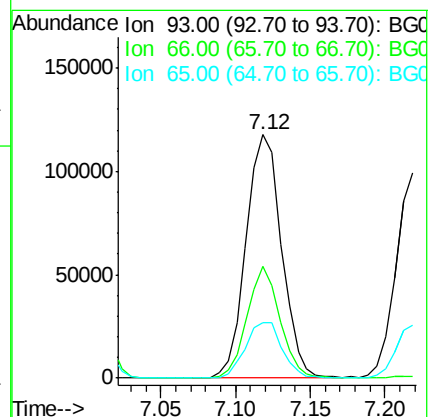
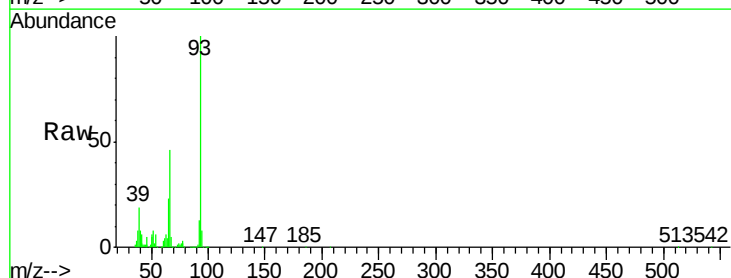
Tgt Ion: 93 Resp: 193738

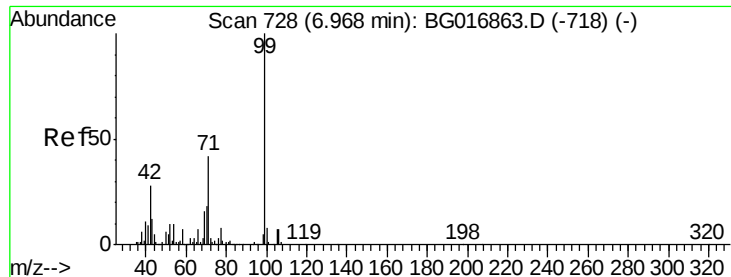
Ion Ratio Lower Upper

93 100

66 45.7 33.8 50.6

65 23.0 18.7 28.1





#7

Phenol-d6

Concen: 142.75 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

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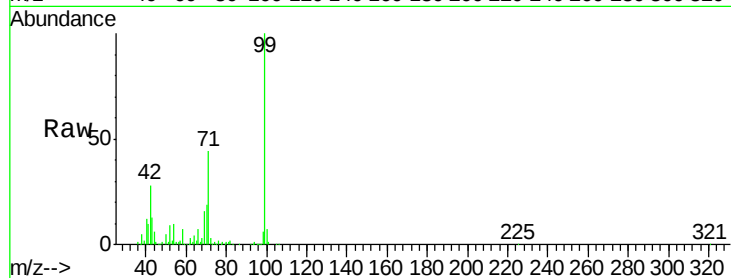
Tgt Ion: 99 Resp: 613279

Ion Ratio Lower Upper

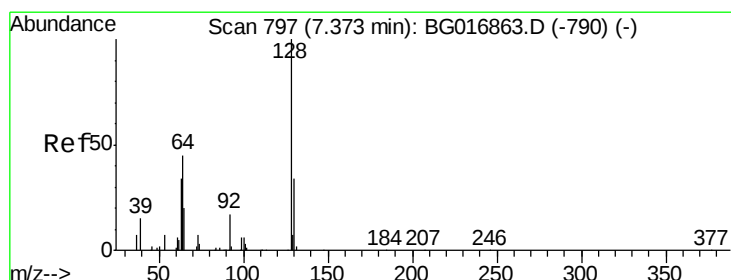
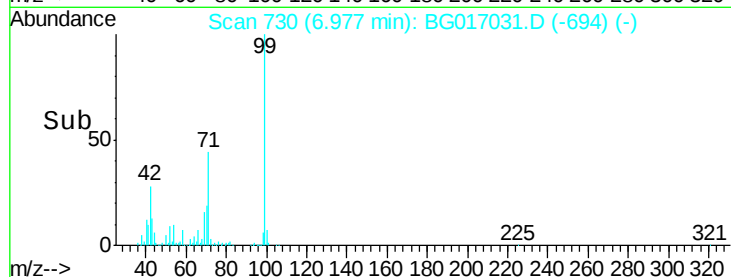
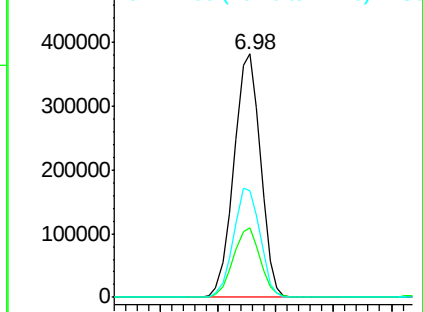
99 100

42 28.4 22.1 33.1

71 43.6 33.4 50.0



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: 46.78 ng

RT: 7.36 min Scan# 795

Delta R.T. -0.01 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

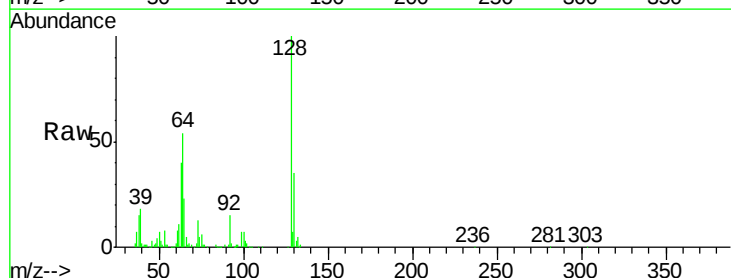
Tgt Ion: 128 Resp: 162974

Ion Ratio Lower Upper

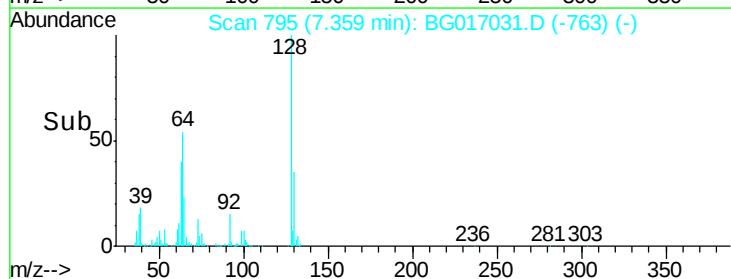
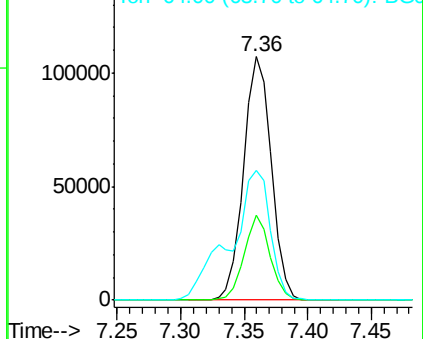
128 100

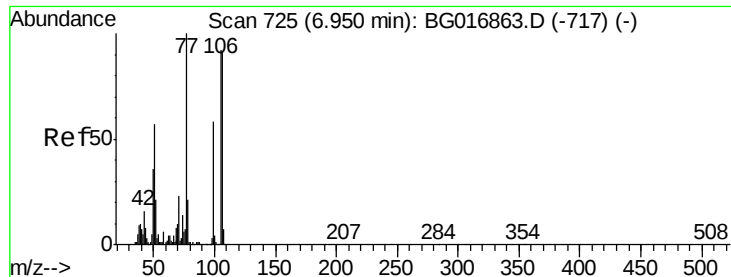
130 34.8 14.4 54.4

64 53.5 38.4 78.4



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: 29.70 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.02 min

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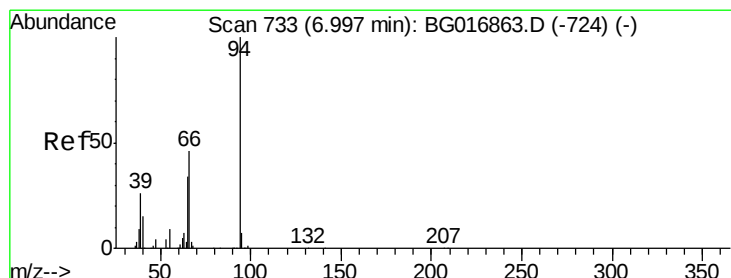
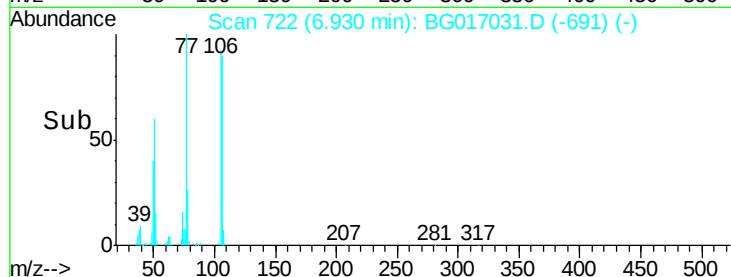
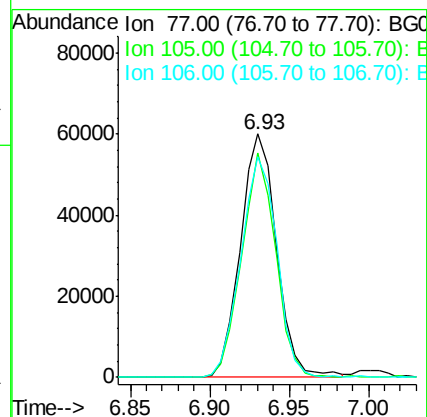
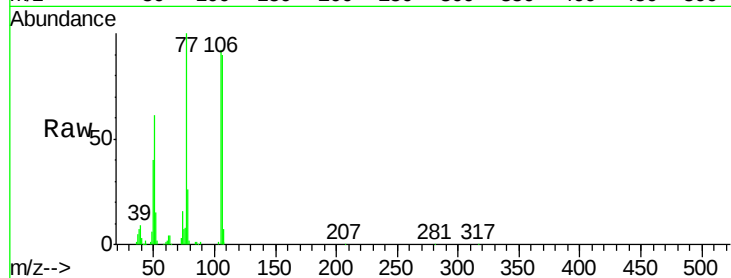
Tgt Ion: 77 Resp: 94795

Ion Ratio Lower Upper

77 100

105 92.3 71.6 111.6

106 90.3 71.5 111.5



#10

Phenol

Concen: 46.81 ng

RT: 7.00 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

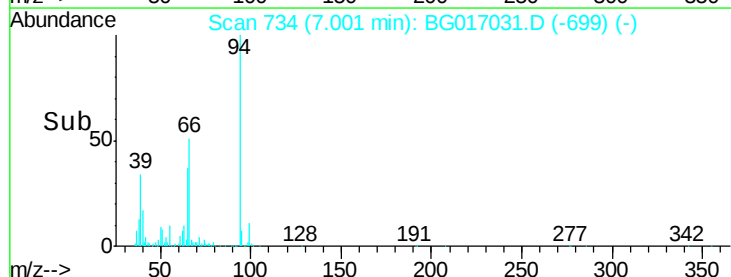
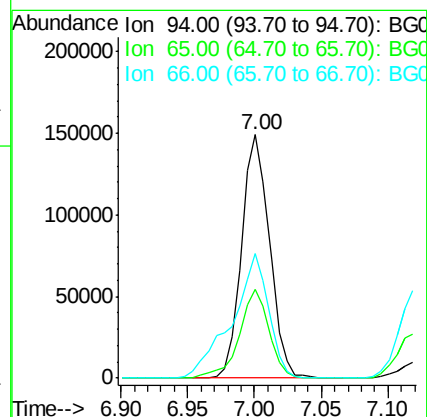
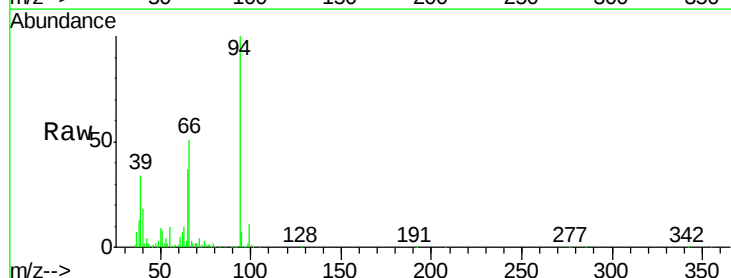
Tgt Ion: 94 Resp: 215660

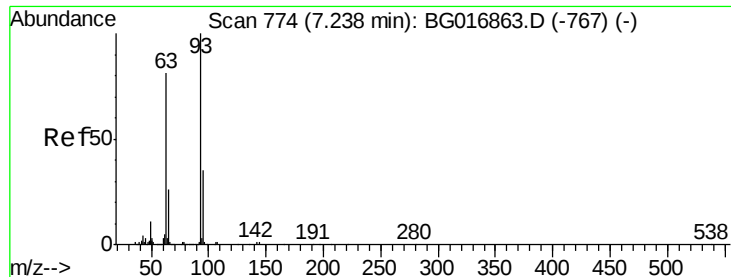
Ion Ratio Lower Upper

94 100

65 36.7 14.3 54.3

66 51.4 26.9 66.9

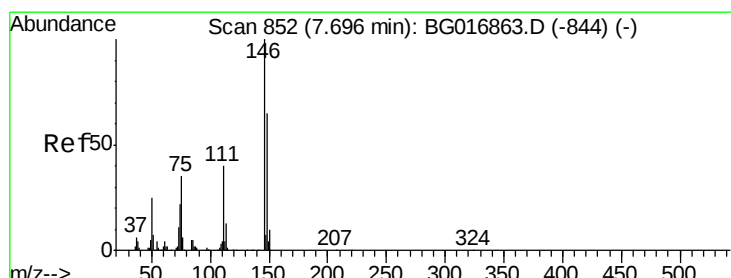
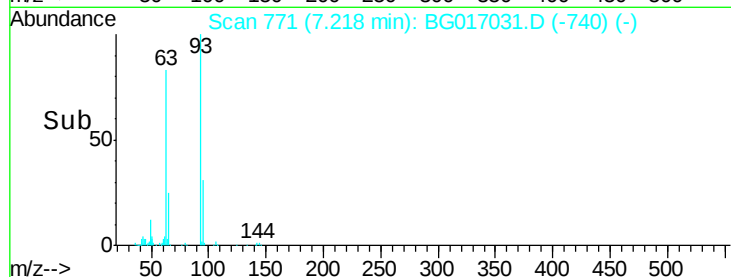
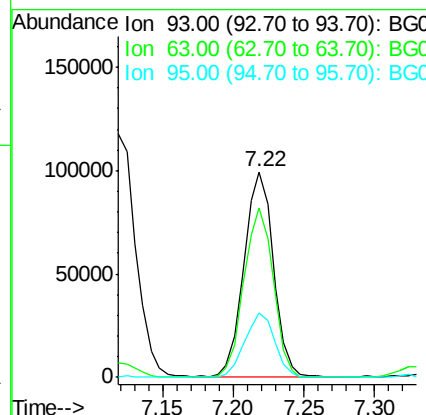
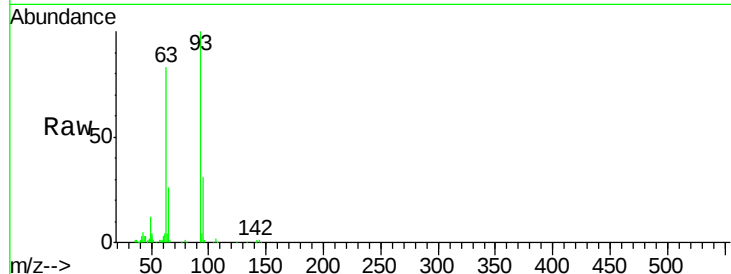




#11
bis(2-Chloroethyl)ether
Concen: 40.64 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

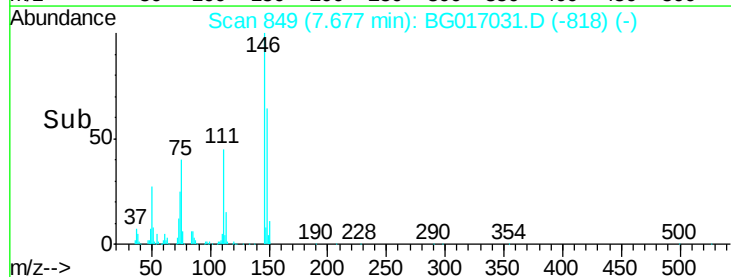
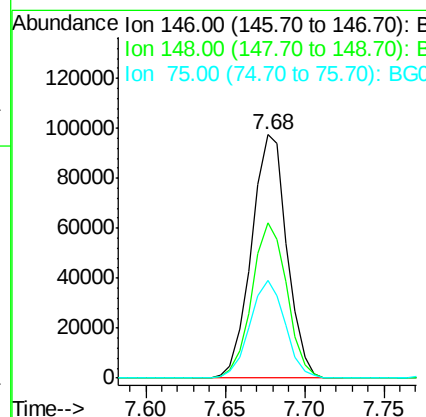
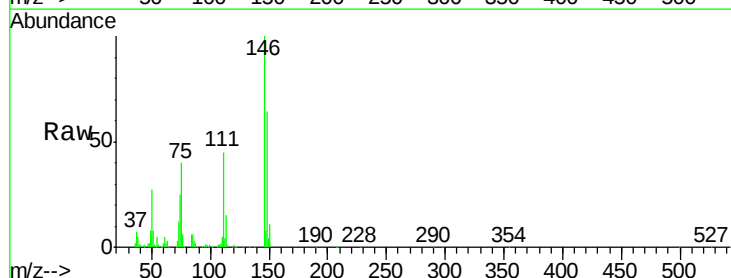
Instrument :
BNA_G
ClientSampleId :
PB83190BS

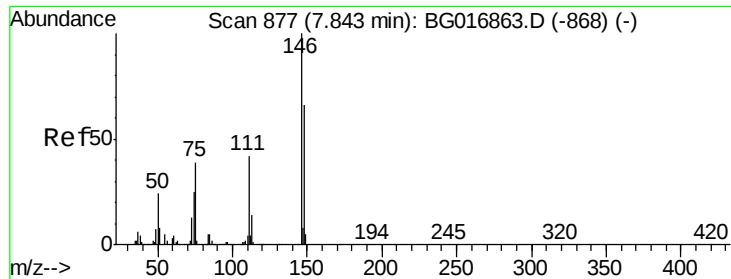
Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.6	61.2	101.2
95	31.4	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 39.33 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	40.2	28.2	42.2

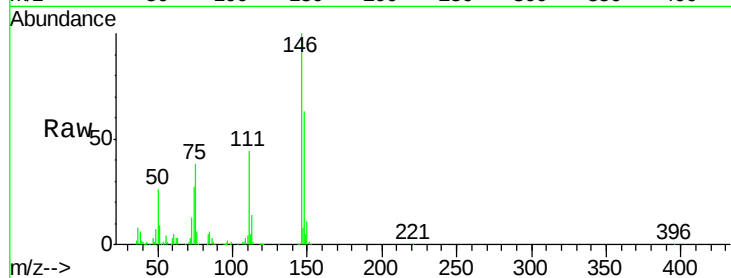




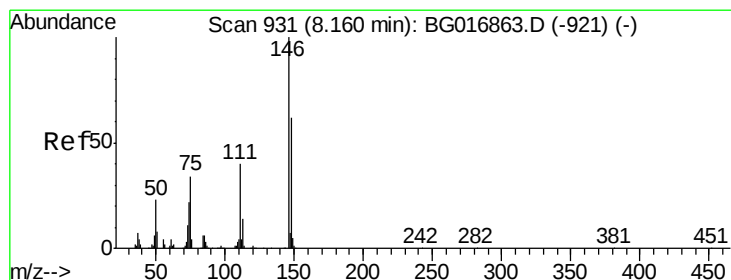
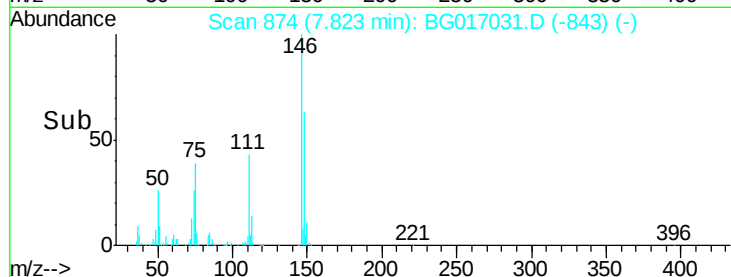
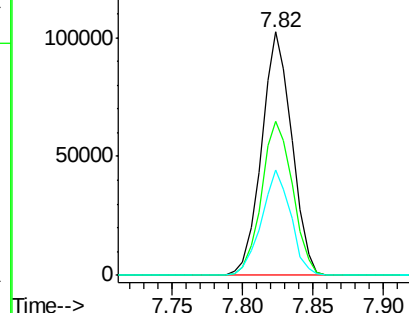
#13
 1,4-Dichlorobenzene
 Concen: 39.57 ng
 RT: 7.82 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.8	79.2
111	43.5	33.9	50.9

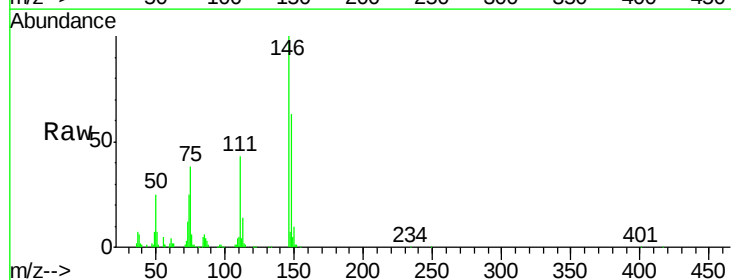


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

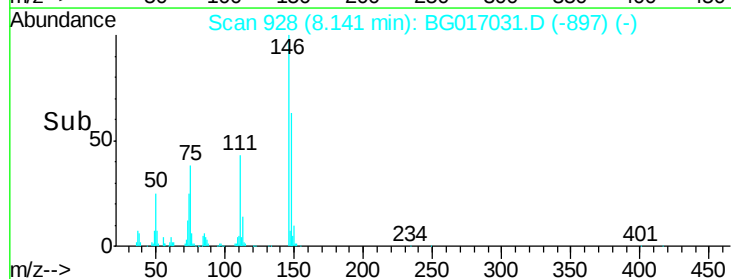
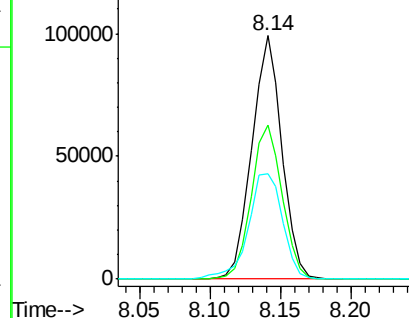


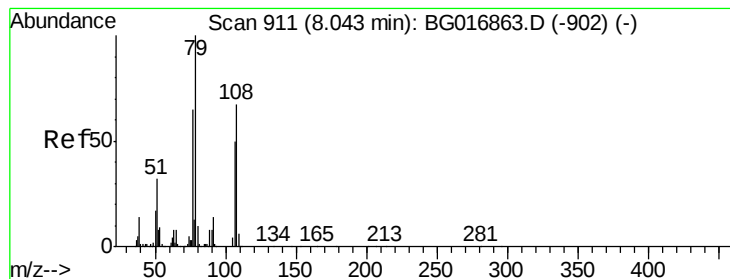
#14
 1,2-Dichlorobenzene
 Concen: 39.70 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.9	74.9
111	43.4	32.1	48.1



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: 43.33 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

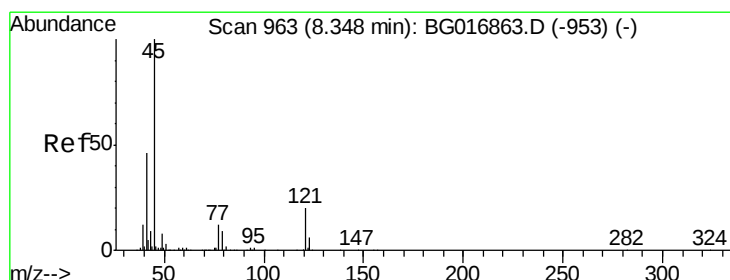
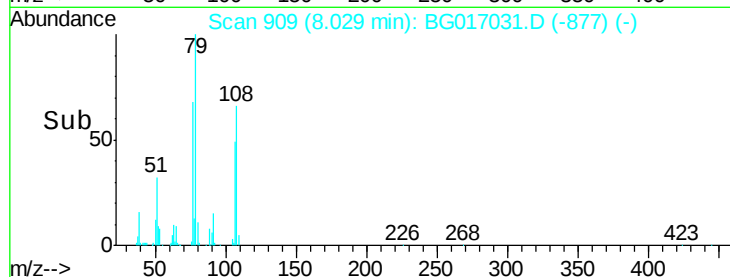
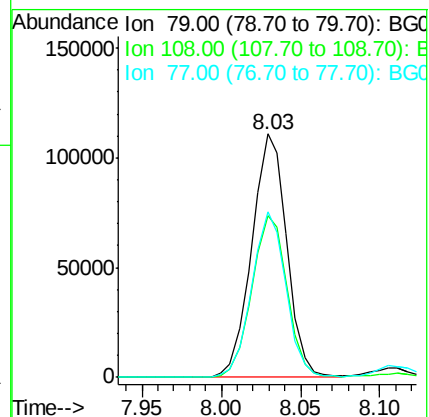
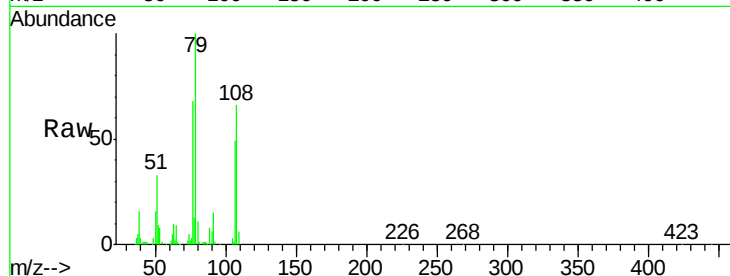
Tgt Ion: 79 Resp: 170005

Ion Ratio Lower Upper

79 100

108 66.4 53.4 80.2

77 68.0 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.00 ng

RT: 8.32 min Scan# 959

Delta R.T. -0.03 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

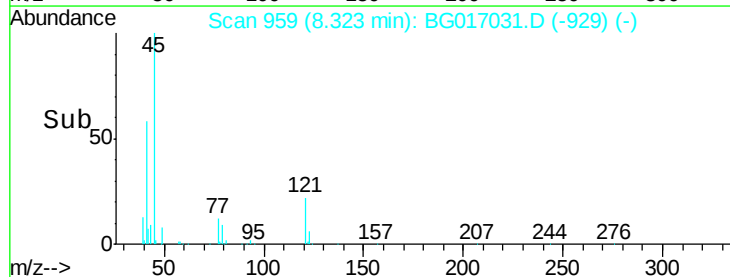
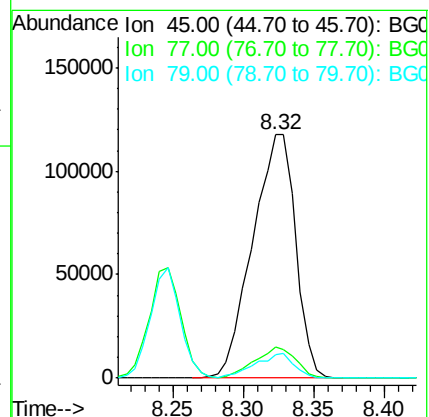
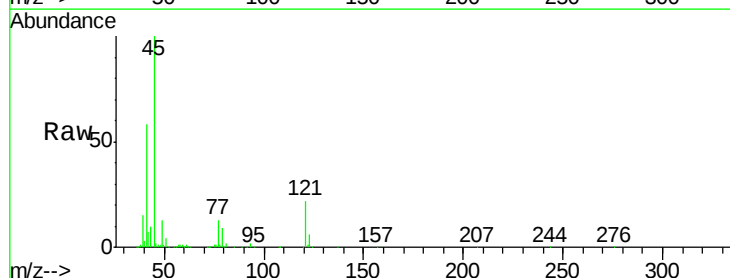
Tgt Ion: 45 Resp: 250558

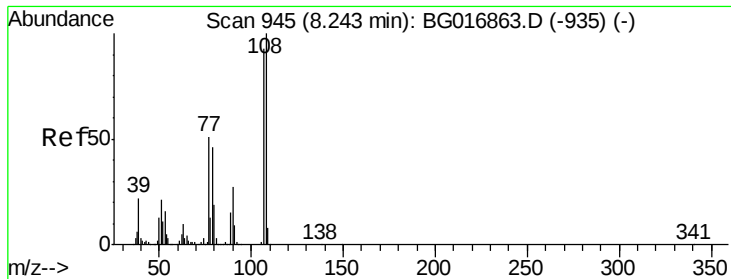
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.8

79 9.4 0.0 29.1

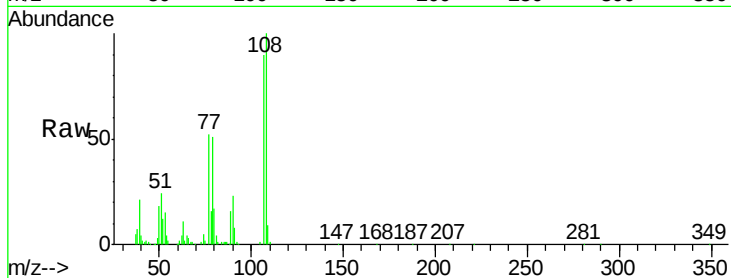




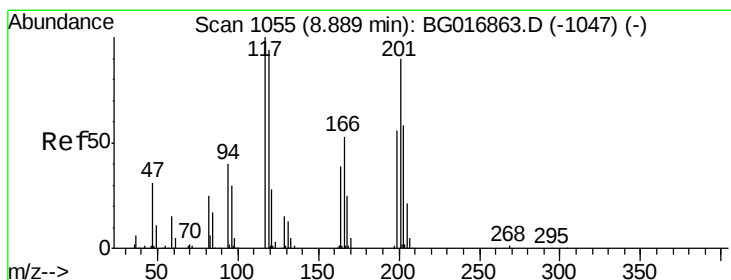
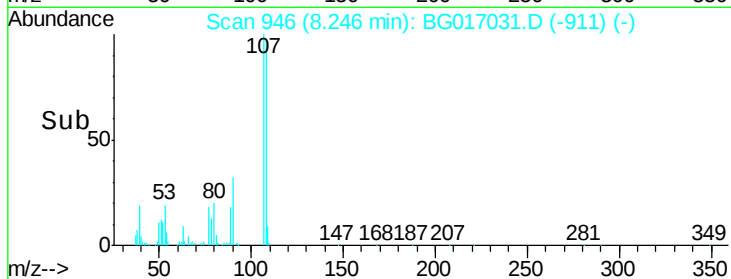
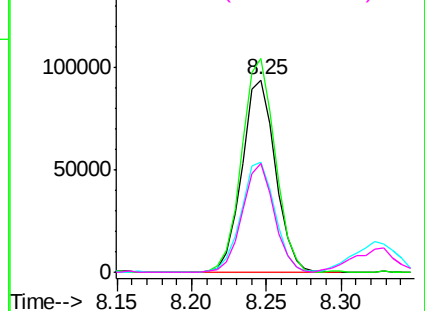
#17
2-Methylphenol
Concen: 44.77 ng
RT: 8.25 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:	107	Resp:	145225
Ion	Ratio	Lower	Upper
107	100		
108	111.1	85.9	128.9
77	57.3	43.8	65.6
79	56.8	39.8	59.6

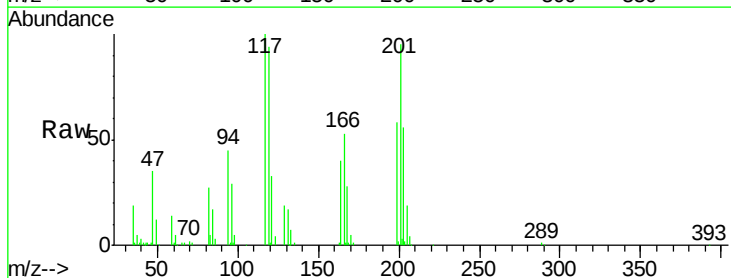


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

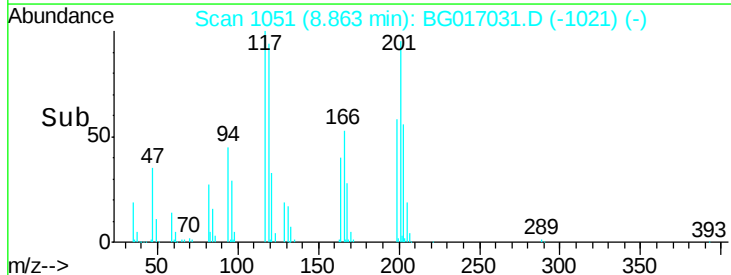
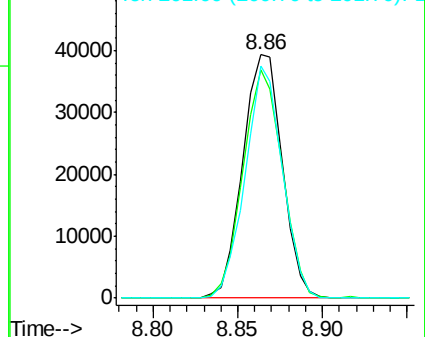


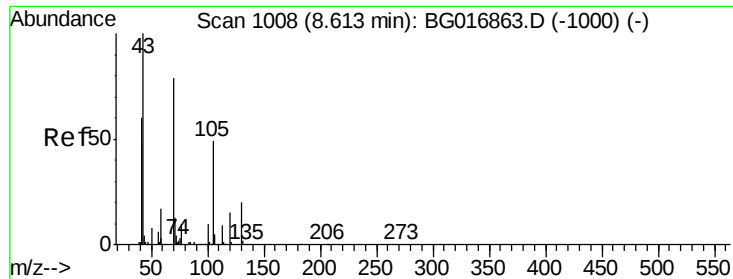
#18
Hexachloroethane
Concen: 40.06 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:	117	Resp:	64080
Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.8	112.2
201	95.3	72.1	108.1



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

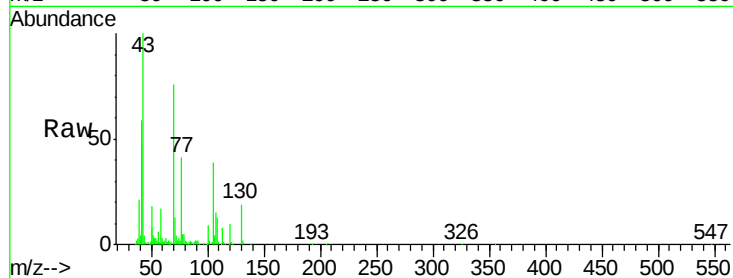




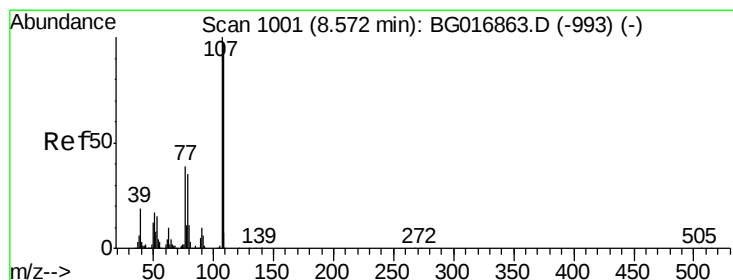
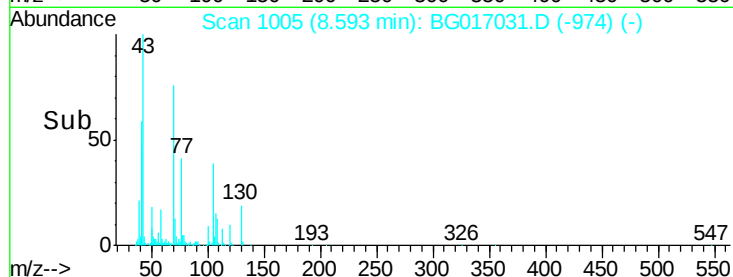
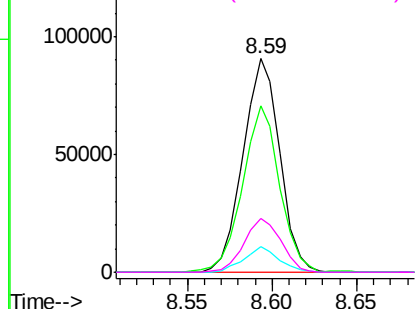
#19
n-Nitroso-di-n-propylamine
Concen: 36.42 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:	70	Resp:	137203
Ion	Ratio	Lower	Upper
70	100		
42	77.9	61.5	92.3
101	11.8	9.8	14.6
130	25.2	20.2	30.4

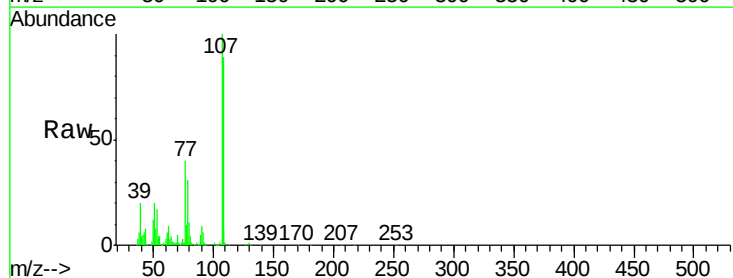


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

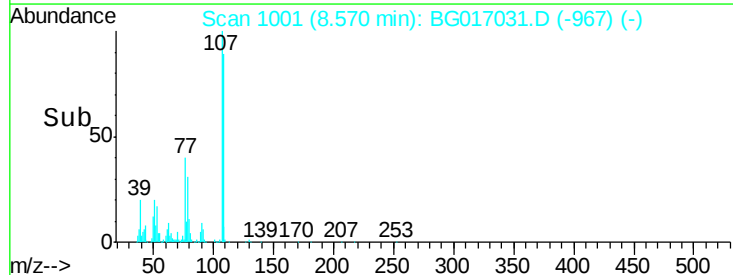
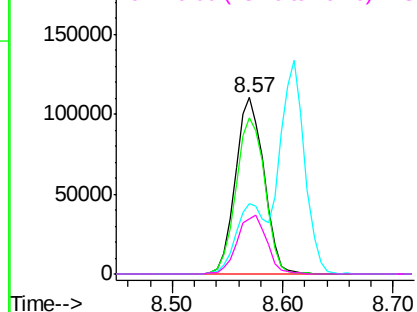


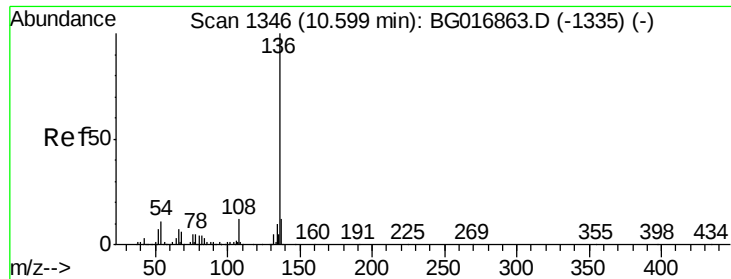
#20
3+4-Methylphenols
Concen: 44.77 ng
RT: 8.57 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:	107	Resp:	200127
Ion	Ratio	Lower	Upper
107	100		
108	89.0	76.6	116.6
77	40.1	19.0	59.0
79	31.4	15.0	55.0



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

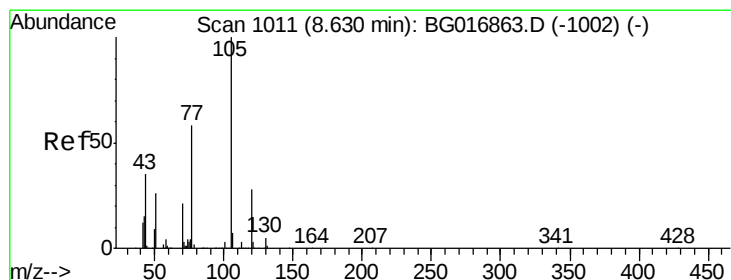
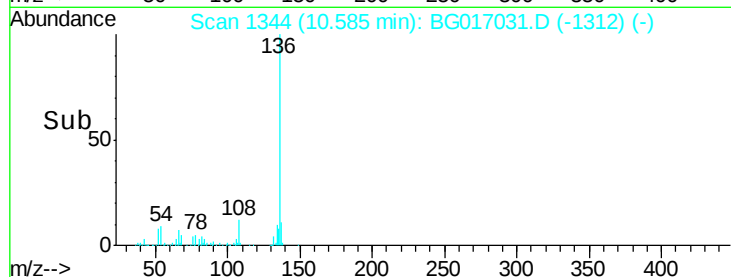
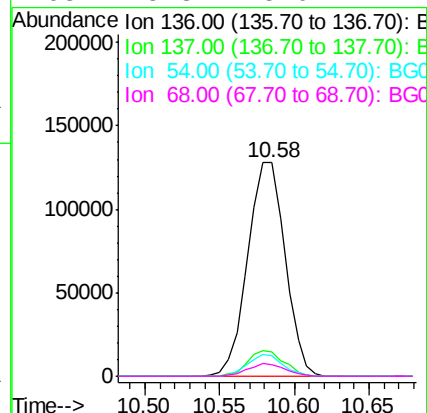
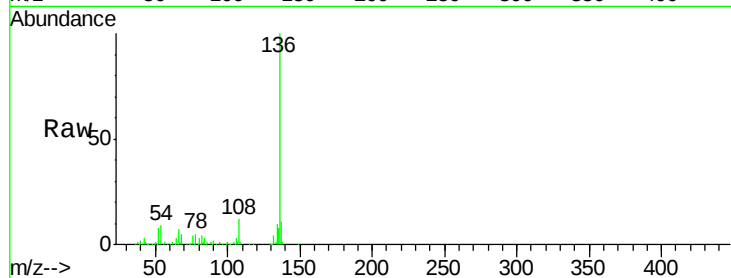




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

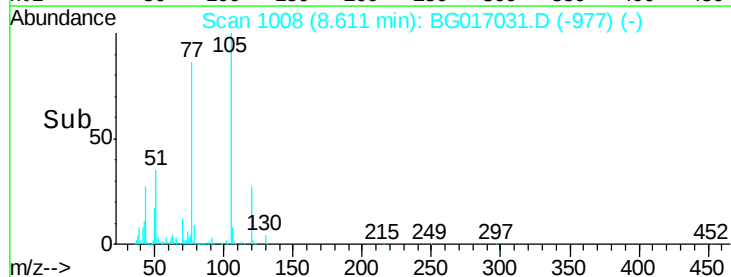
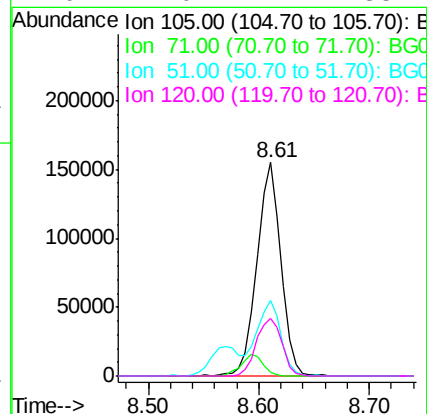
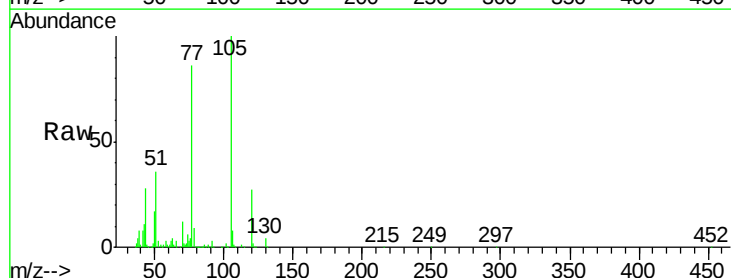
Instrument :
BNA_G
ClientSampleId :
PB83190BS

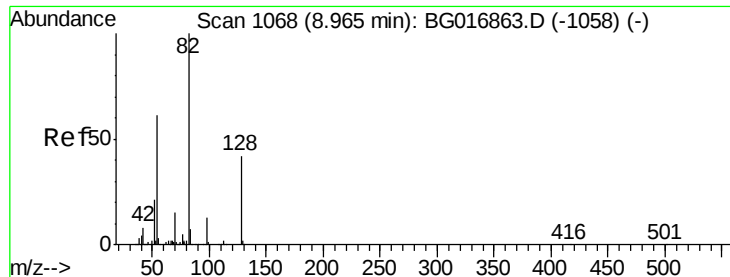
Tgt Ion:	136	Resp:	221914
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	9.4	8.7	13.1
68	5.3	5.0	7.4



#22
Acetophenone
Concen: 44.67 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:	105	Resp:	236130
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.8	4.2#
51	35.5	29.4	44.2
120	27.0	22.2	33.4

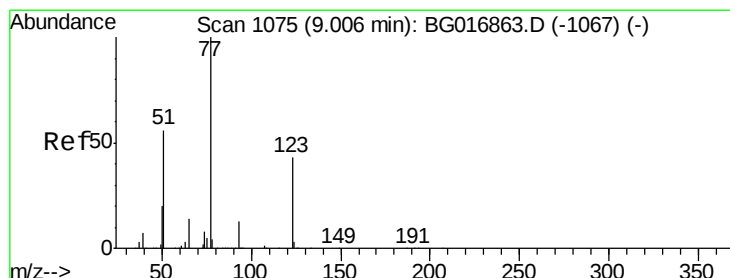
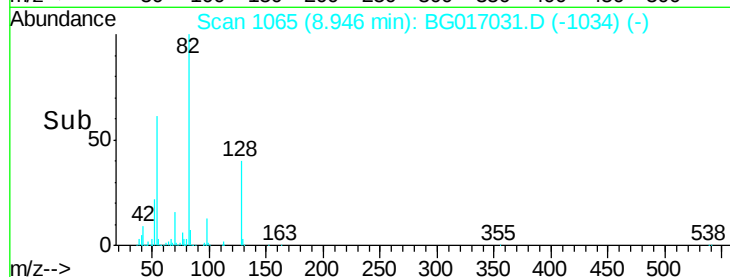
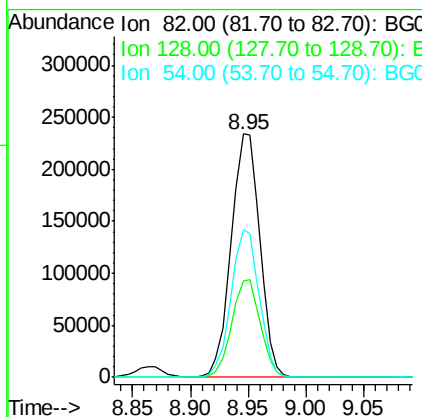
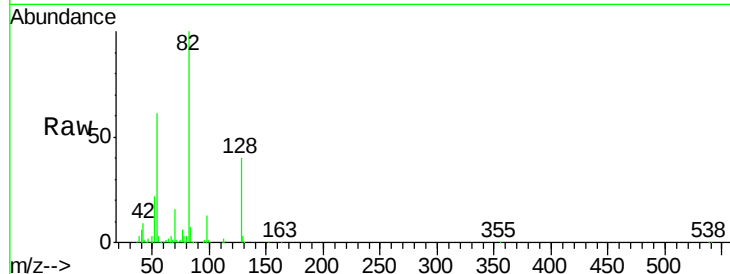




#23
 Nitrobenzene-d5
 Concen: 88.83 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

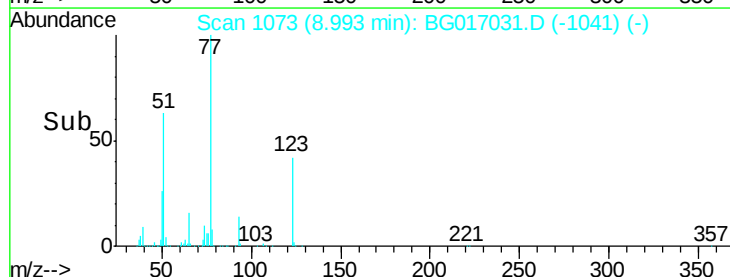
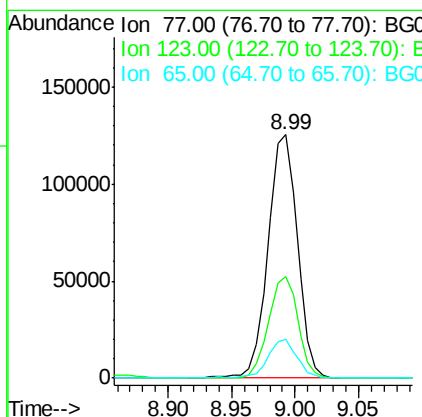
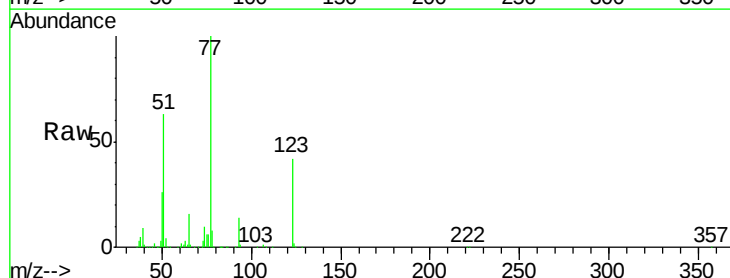
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

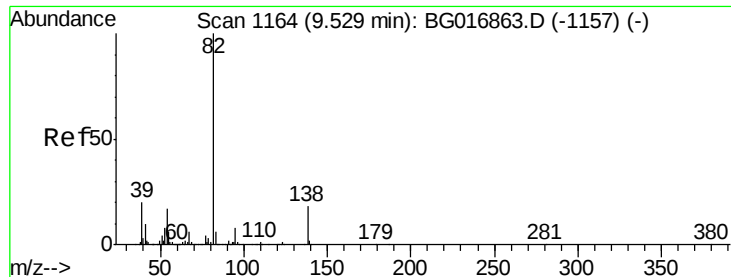
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.2	49.8
54	60.9	48.6	72.8



#24
 Nitrobenzene
 Concen: 44.09 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	34.0	51.0
65	15.9	11.2	16.8





#25

Isophorone

Concen: 39.55 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

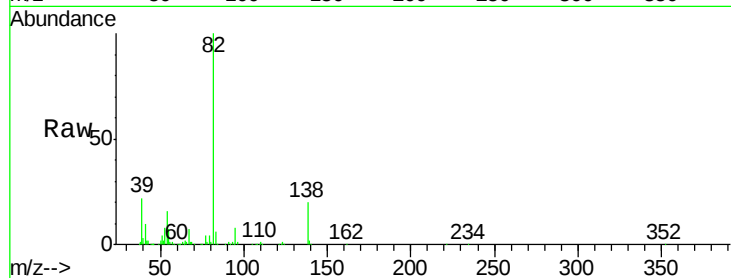
Tgt Ion: 82 Resp: 362724

Ion Ratio Lower Upper

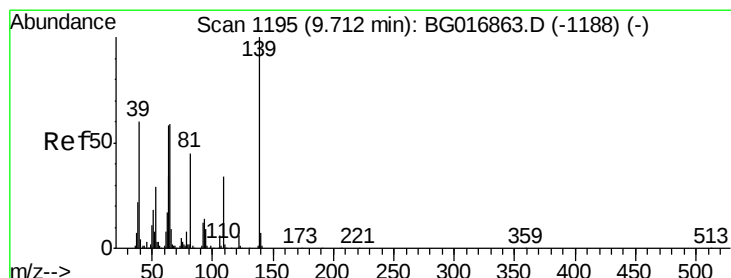
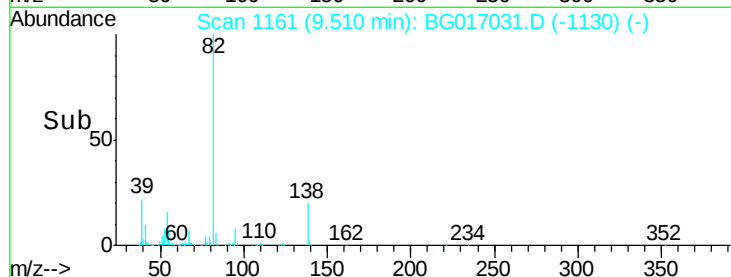
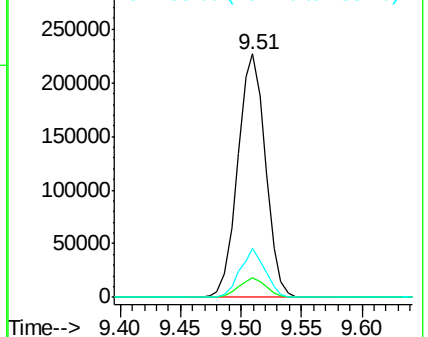
82 100

95 8.3 6.7 10.1

138 20.2 14.7 22.1



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



#26

2-Nitrophenol

Concen: 49.96 ng

RT: 9.70 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

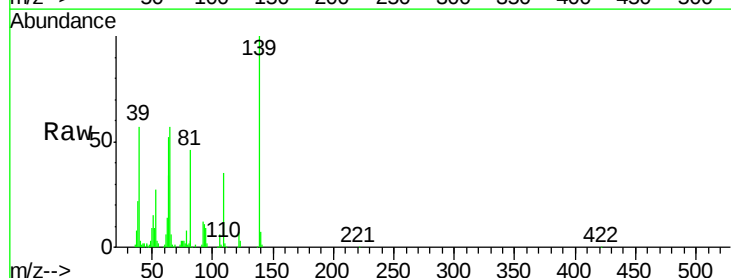
Tgt Ion: 139 Resp: 93312

Ion Ratio Lower Upper

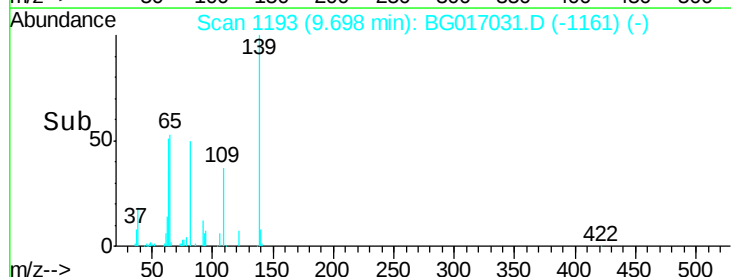
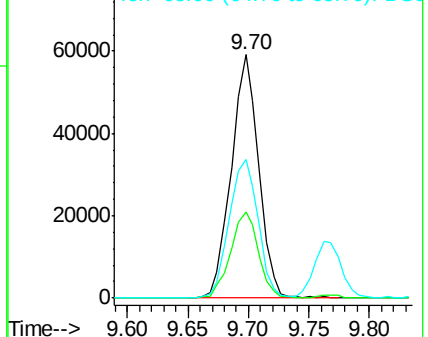
139 100

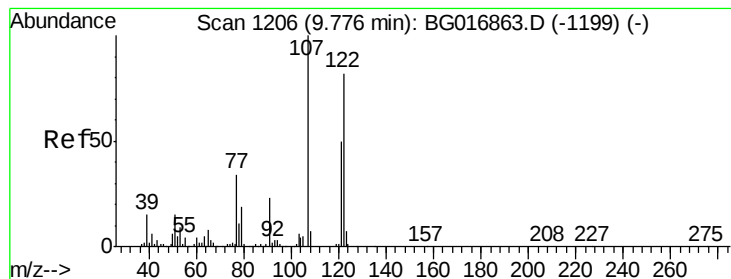
109 35.4 27.4 41.2

65 56.7 47.1 70.7



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





#27

2,4-Dimethylphenol

Concen: 47.80 ng

RT: 9.77 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

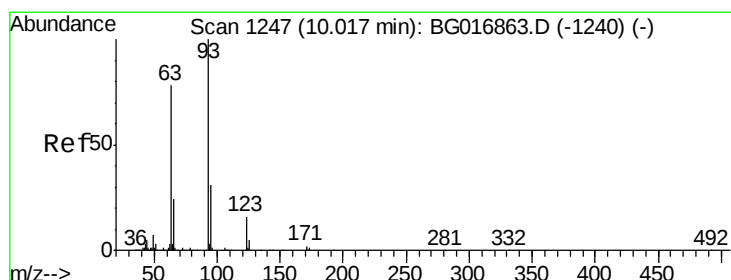
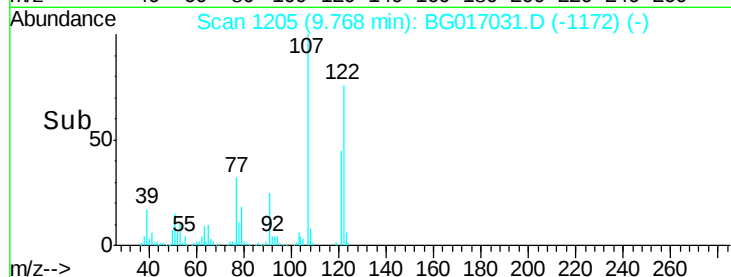
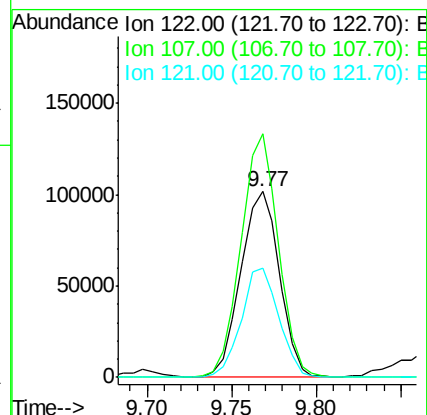
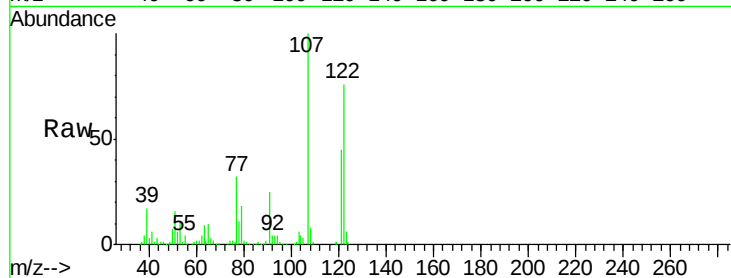
Tgt Ion:122 Resp: 161571

Ion Ratio Lower Upper

122 100

107 131.1 97.6 146.4

121 58.7 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.69 ng

RT: 10.00 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

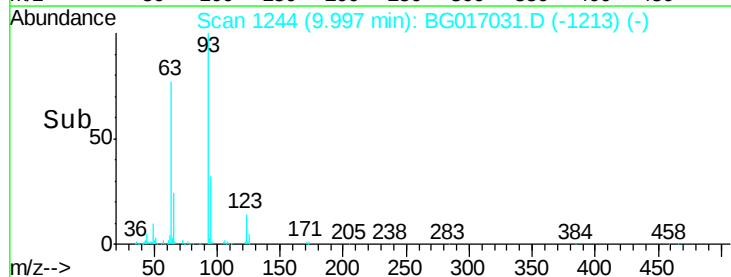
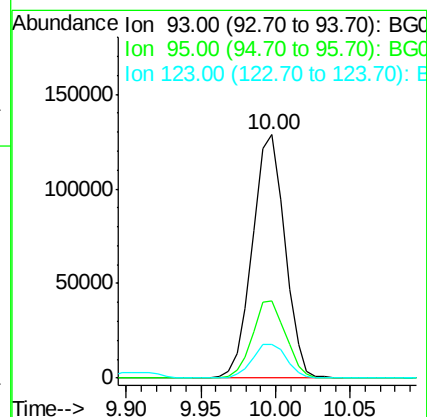
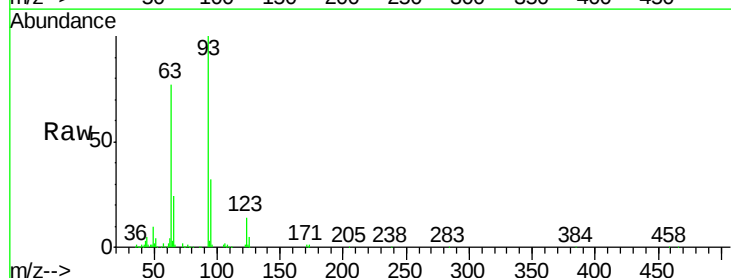
Tgt Ion: 93 Resp: 193030

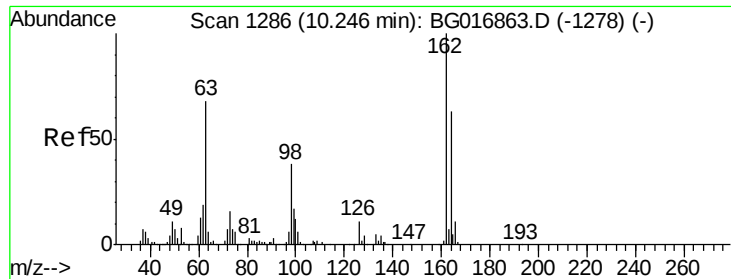
Ion Ratio Lower Upper

93 100

95 32.0 24.8 37.2

123 13.9 12.6 19.0





#29

2,4-Dichlorophenol

Concen: 50.16 ng

RT: 10.24 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

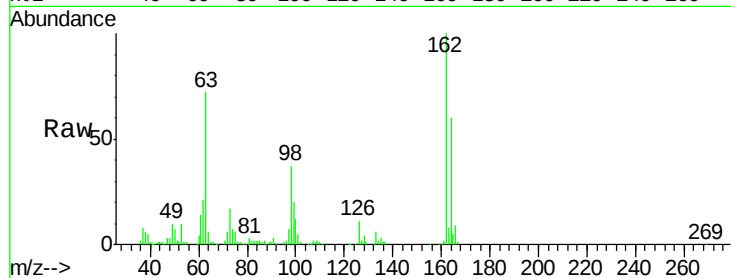
Tgt Ion:162 Resp: 160179

Ion Ratio Lower Upper

162 100

164 60.4 42.9 82.9

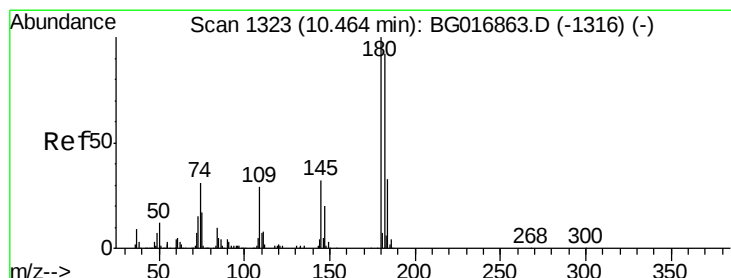
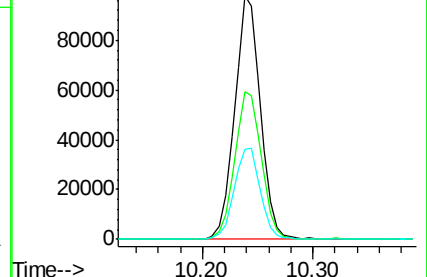
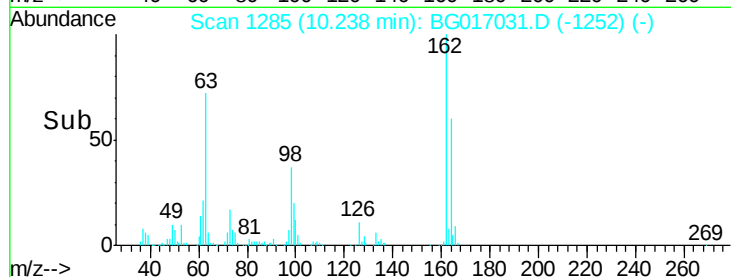
98 37.1 18.4 58.4



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: 44.92 ng

RT: 10.44 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

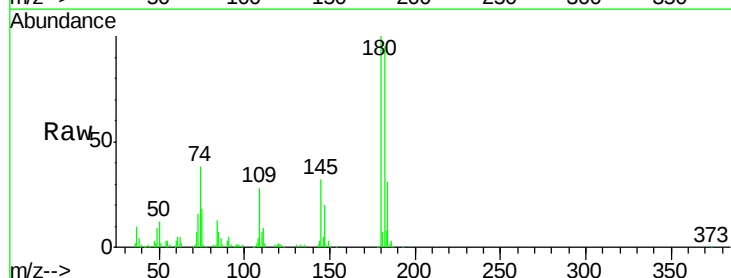
Tgt Ion:180 Resp: 152127

Ion Ratio Lower Upper

180 100

182 94.6 73.8 110.8

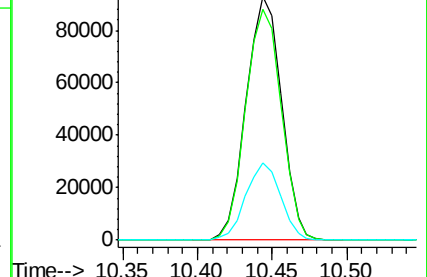
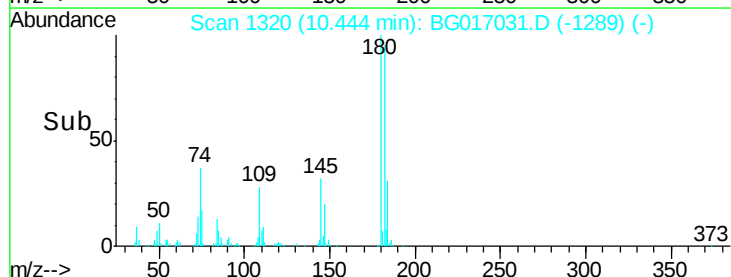
145 31.9 25.4 38.0

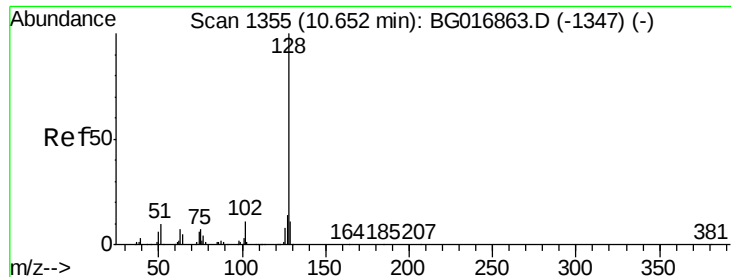


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

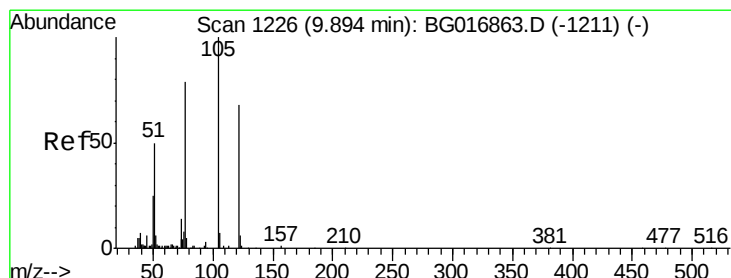
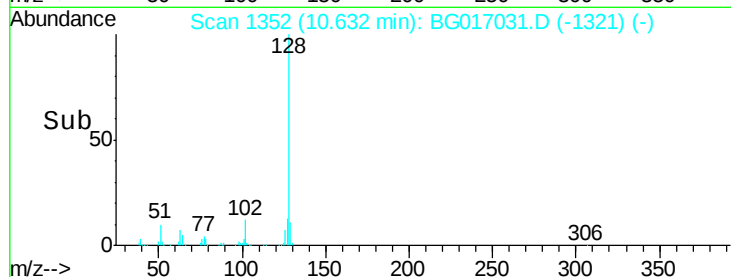
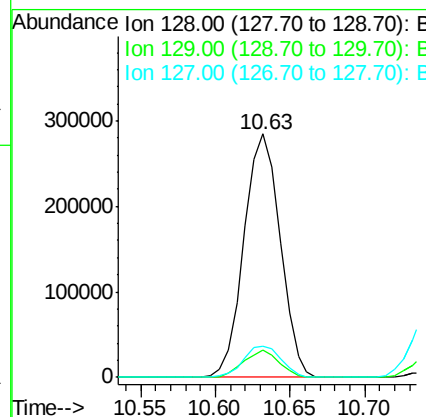
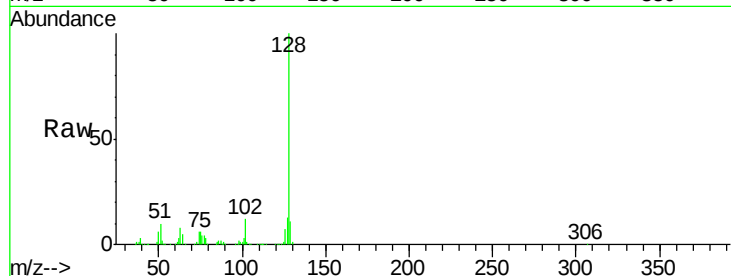




#31
Naphthalene
Concen: 43.28 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

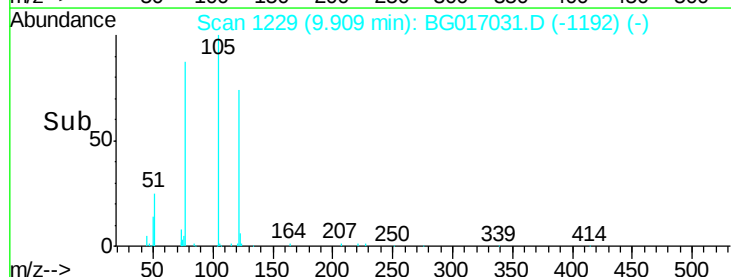
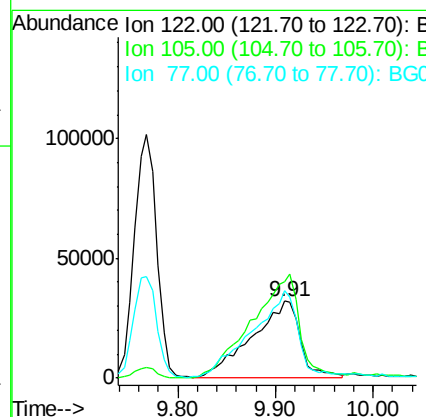
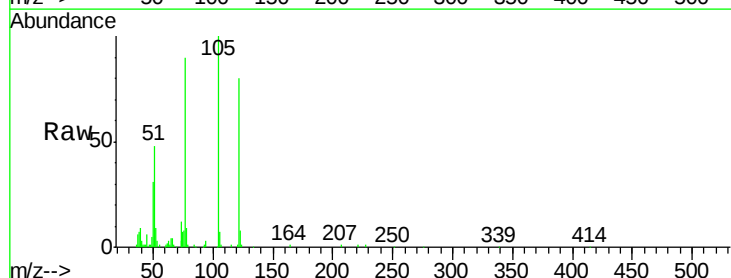
Instrument :
BNA_G
ClientSampleId :
PB83190BS

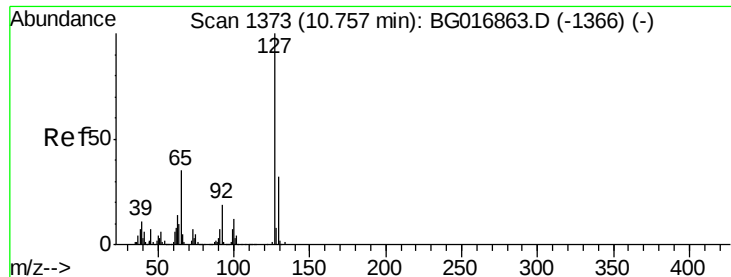
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	12.8	10.9	16.3



#32
Benzoic acid
Concen: 52.35 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	123.2	163.2
77	113.1	93.0	133.0

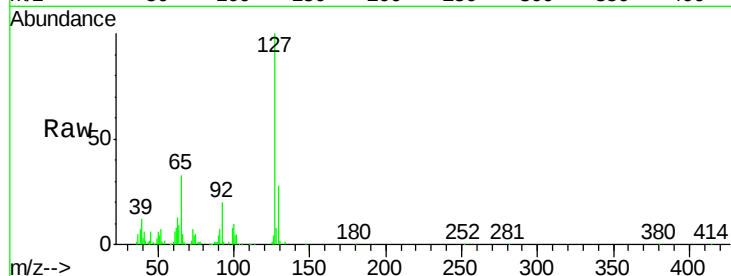




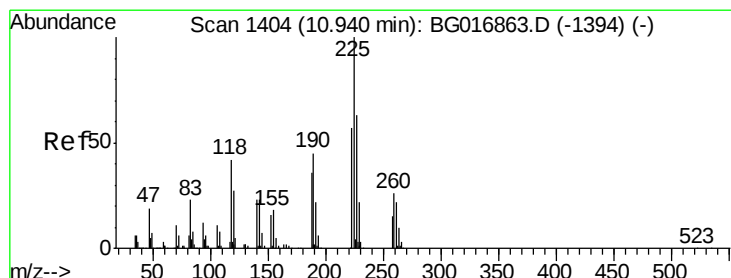
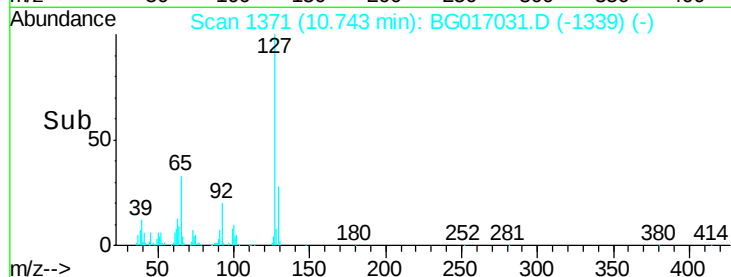
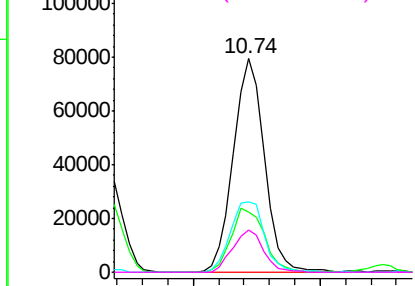
#33
4-Chloroaniline
Concen: 26.43 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:	127	Resp:	134708
Ion	Ratio	Lower	Upper
127	100		
129	28.5	25.8	38.6
65	33.1	28.2	42.2
92	19.5	15.6	23.4

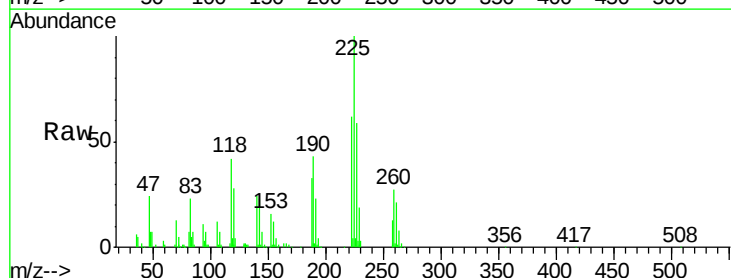


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

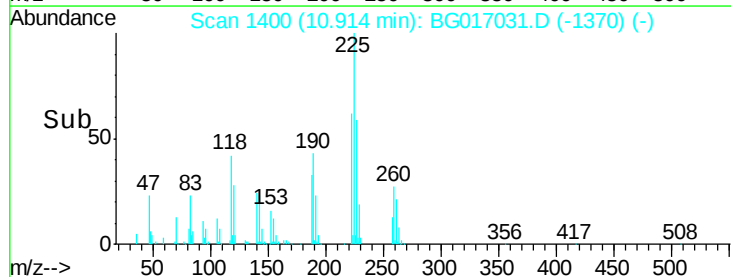
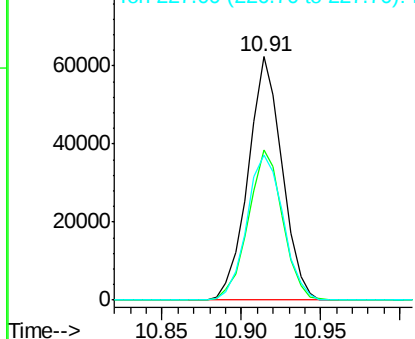


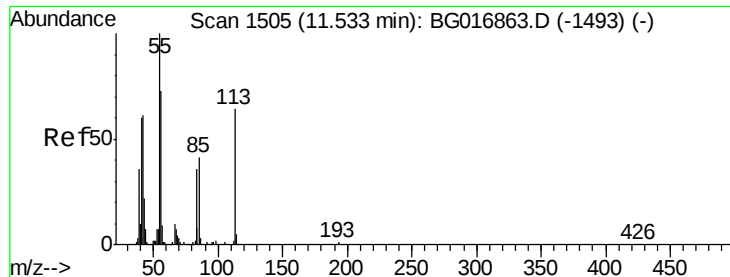
#34
Hexachlorobutadiene
Concen: 43.77 ng
RT: 10.91 min Scan# 1400
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:	225	Resp:	92762
Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.8	68.6
227	59.3	50.7	76.1



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

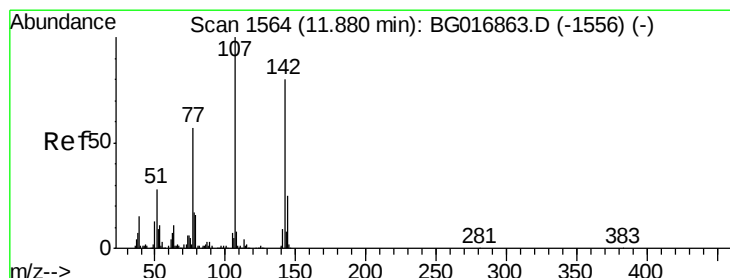
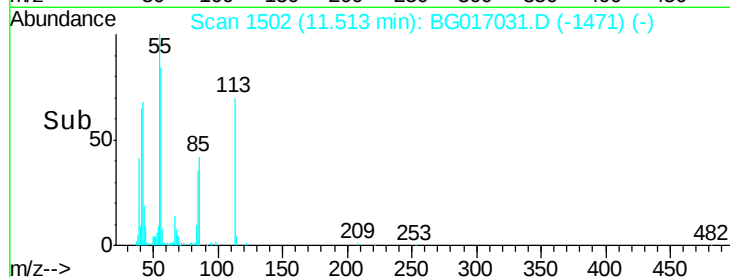
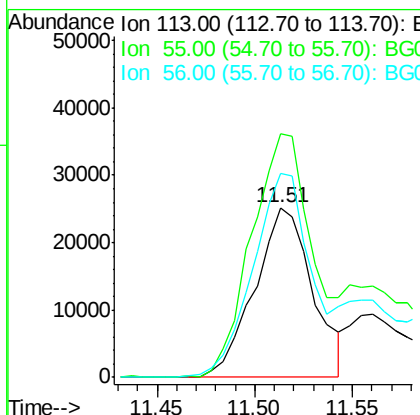
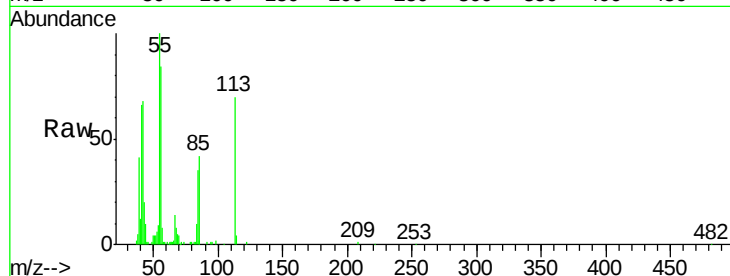




#35
 Caprolactam
 Concen: 31.11 ng
 RT: 11.51 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

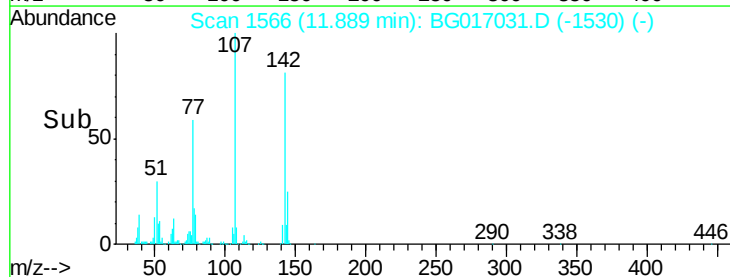
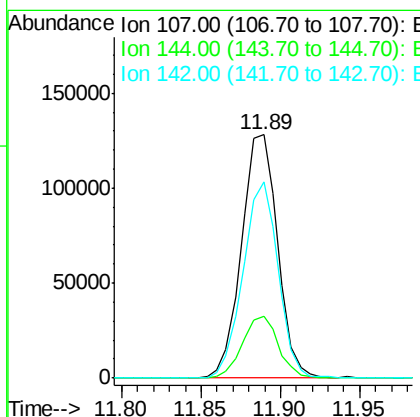
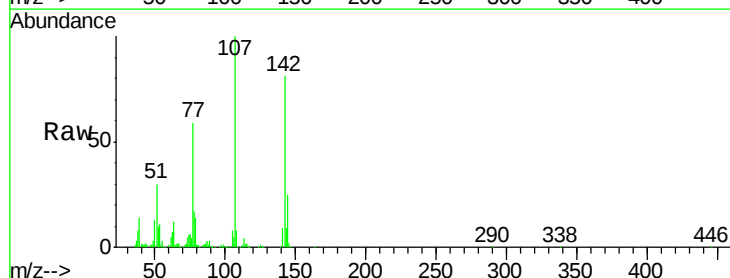
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

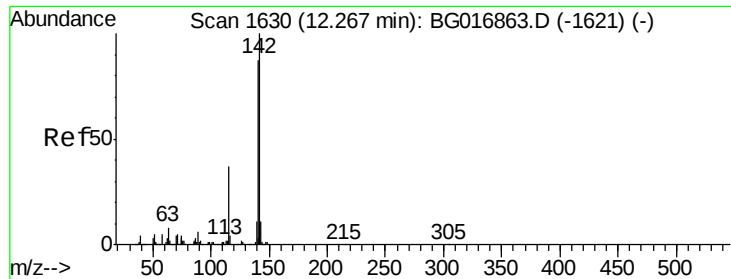
Tgt Ion:113 Resp: 51611
 Ion Ratio Lower Upper
 113 100
 55 143.7 137.1 177.1
 56 120.2 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.76 ng
 RT: 11.89 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion:107 Resp: 203451
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 80.6 64.2 96.2

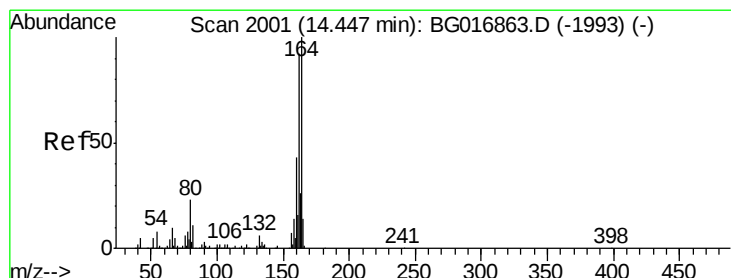
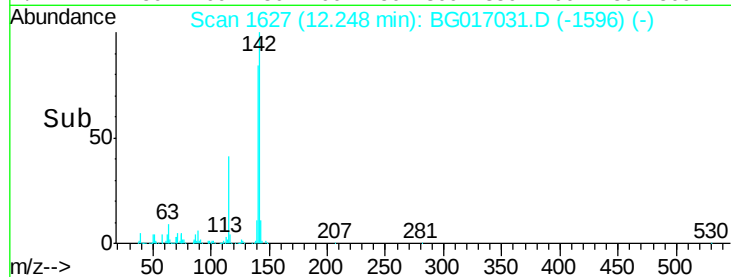
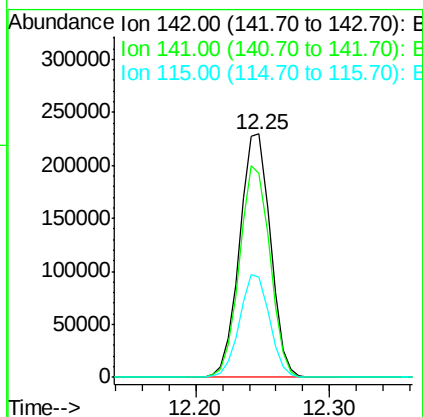
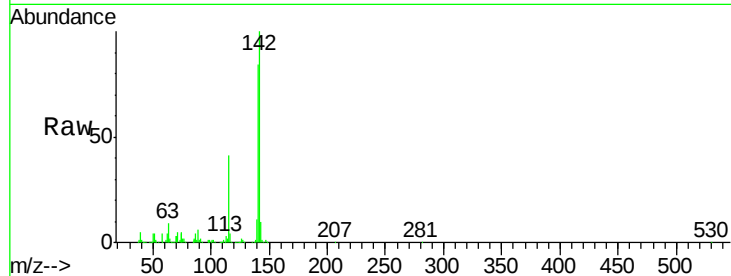




#37
 2-Methylnaphthalene
 Concen: 43.58 ng
 RT: 12.25 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

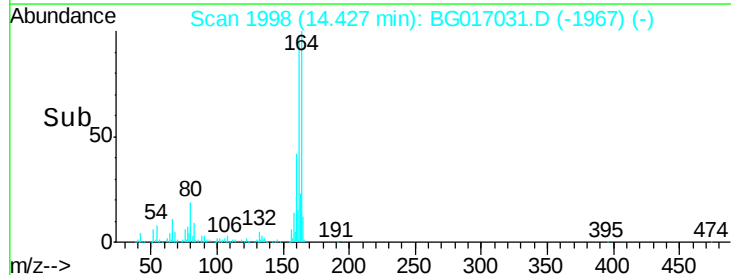
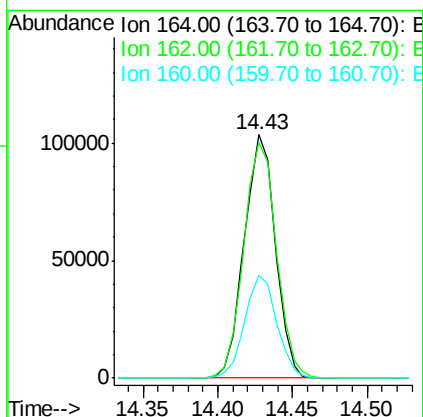
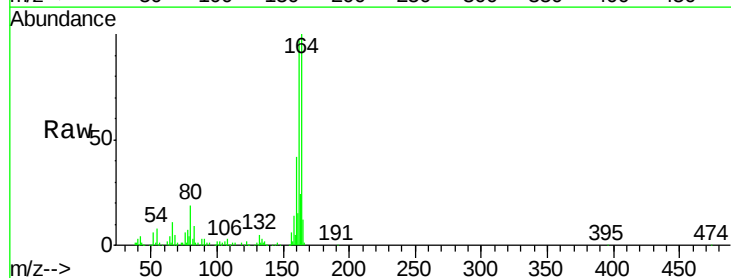
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

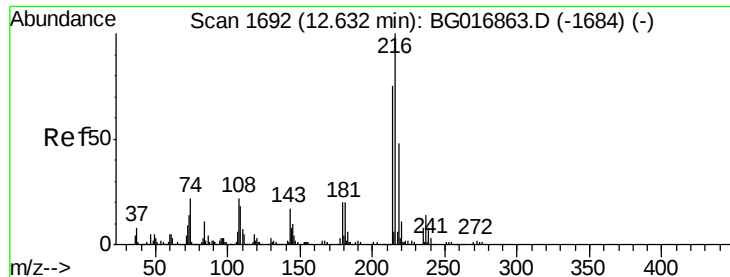
Tgt Ion:142 Resp: 366365
 Ion Ratio Lower Upper
 142 100
 141 83.8 69.9 104.9
 115 41.3 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion:164 Resp: 148809
 Ion Ratio Lower Upper
 164 100
 162 96.8 74.0 111.0
 160 42.4 34.7 52.1

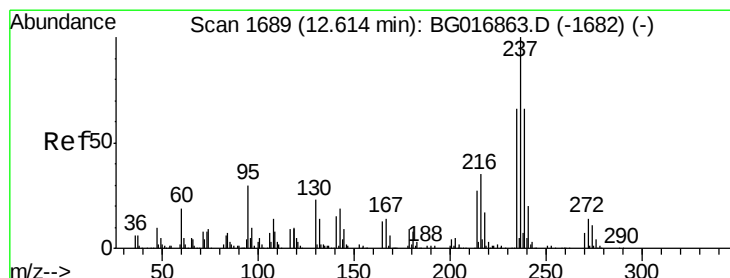
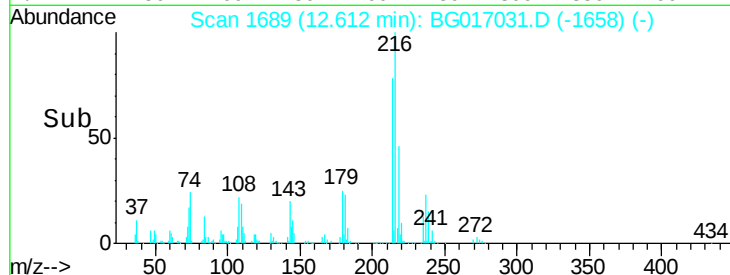
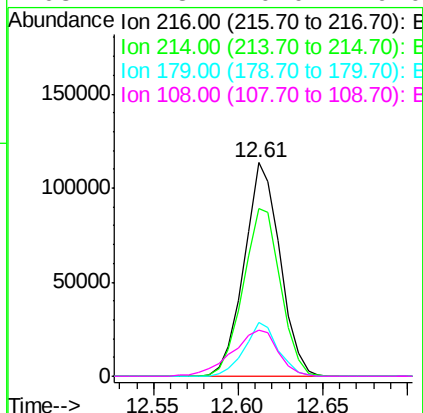
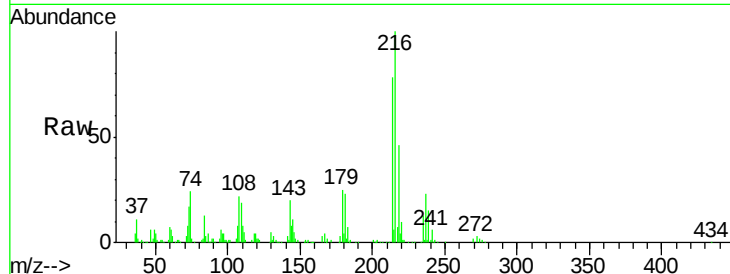




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.67 ng
 RT: 12.61 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

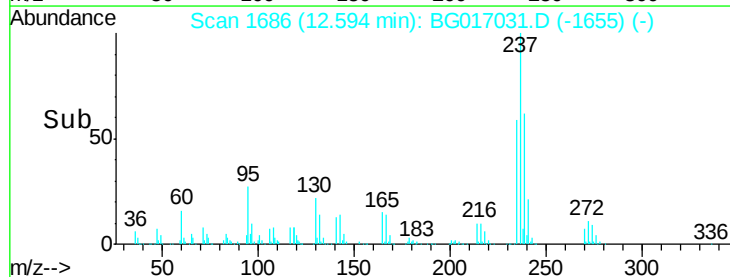
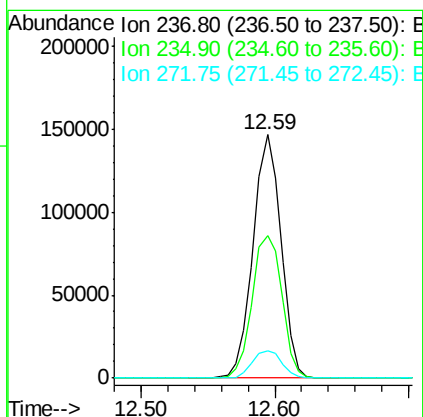
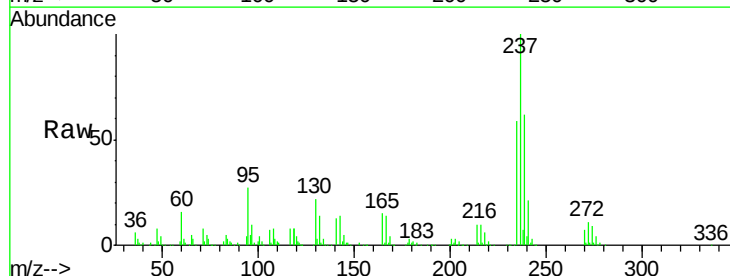
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

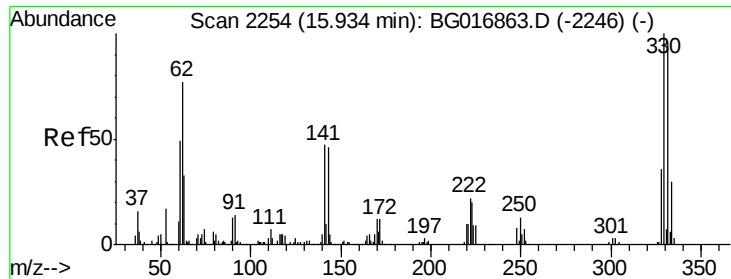
Tgt Ion:	216	Resp:	167610
Ion	Ratio	Lower	Upper
216	100		
214	81.5	0.0	0.0#
179	23.4	0.0	0.0#
108	27.8	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 81.22 ng
 RT: 12.59 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion:	237	Resp:	211003
Ion	Ratio	Lower	Upper
237	100		
235	58.6	45.5	85.5
272	11.2	0.0	33.7

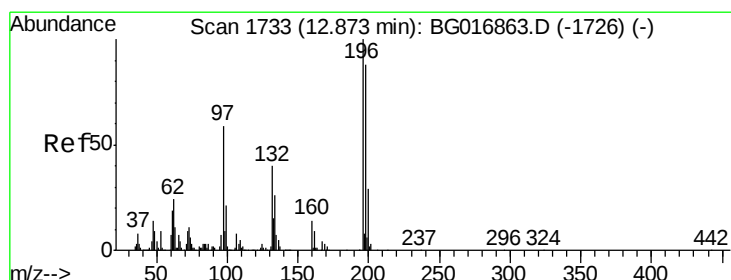
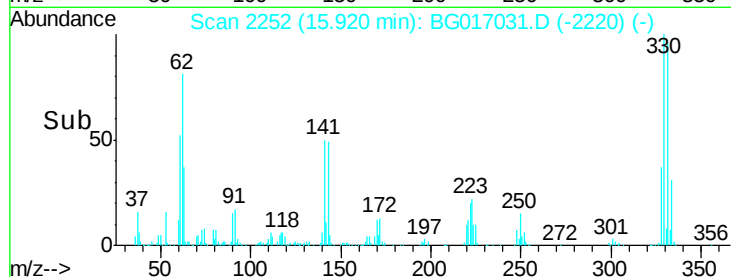
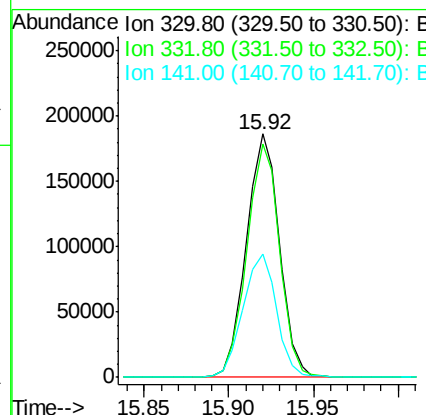
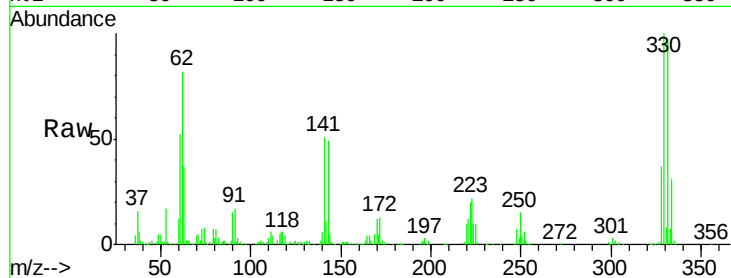




#41
 2,4,6-Tribromophenol
 Concen: 170.89 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

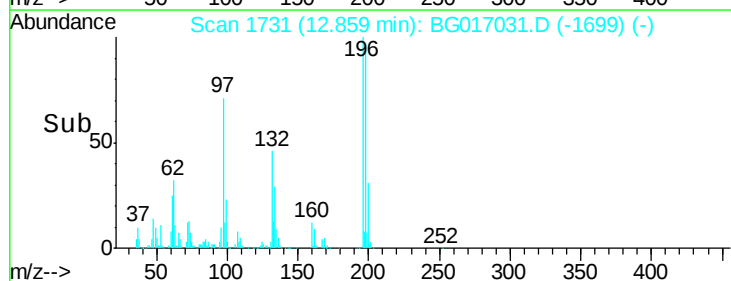
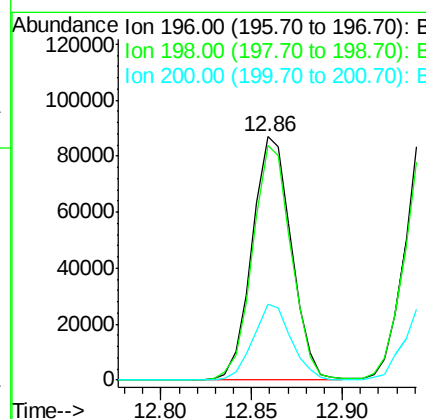
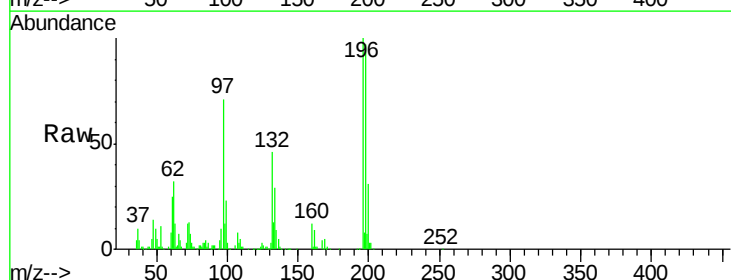
Instrument :
 BNA_G
 ClientSampled :
 PB83190BS

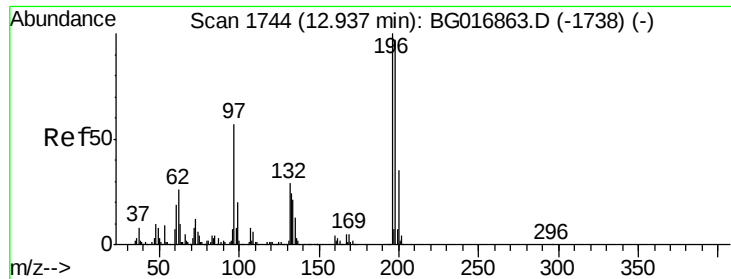
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	51.5	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 45.94 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	70.7	106.1
200	31.2	23.0	34.4

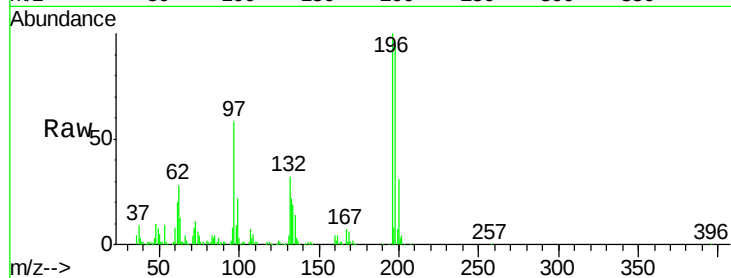




#43
 2,4,5-Trichlorophenol
 Concen: 47.49 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. 0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.5	116.3
97	58.1	45.9	68.9
132	32.2	23.7	35.5



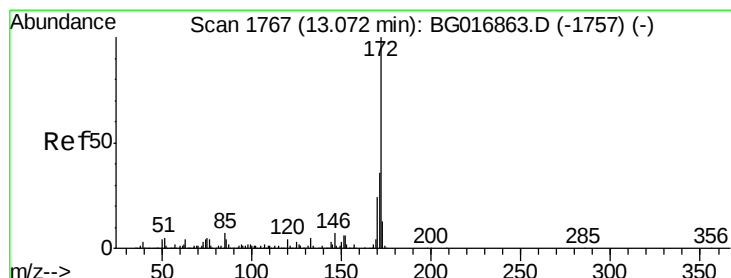
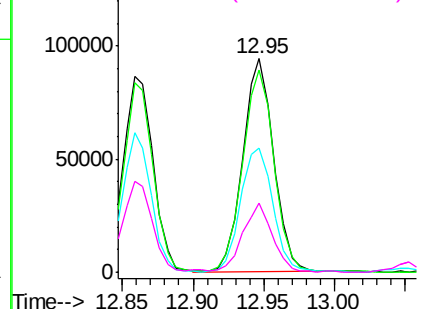
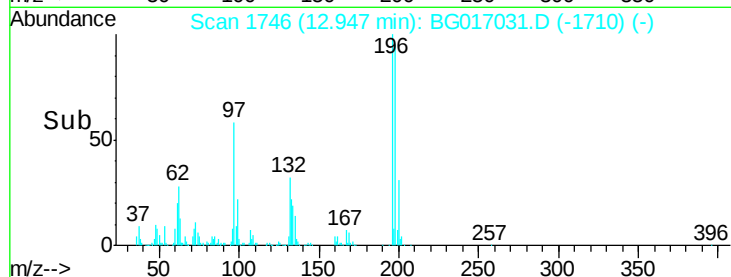
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

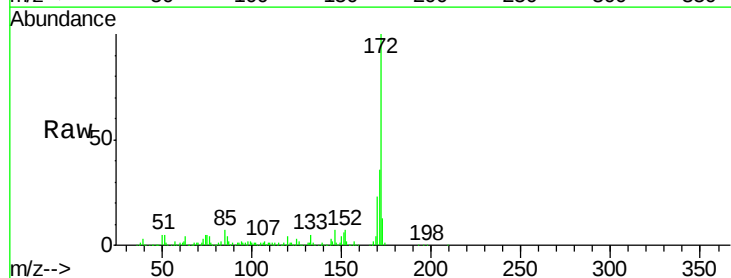
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.22 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	23.0	19.0	28.4

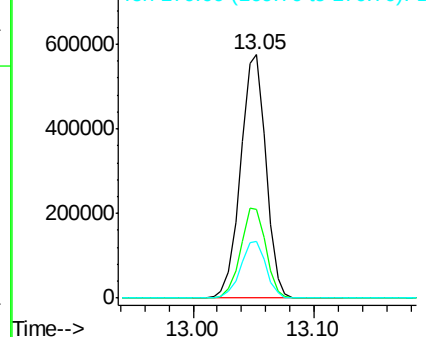
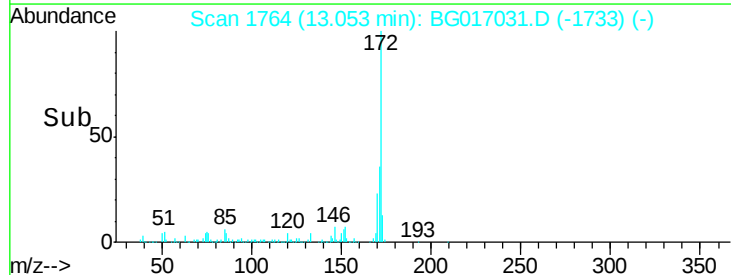


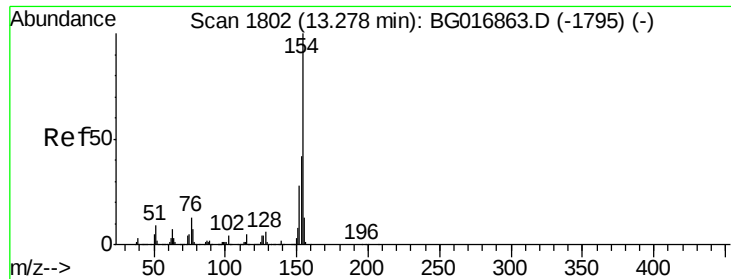
Abundance

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

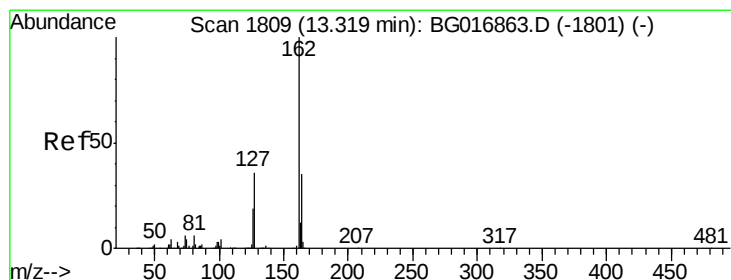
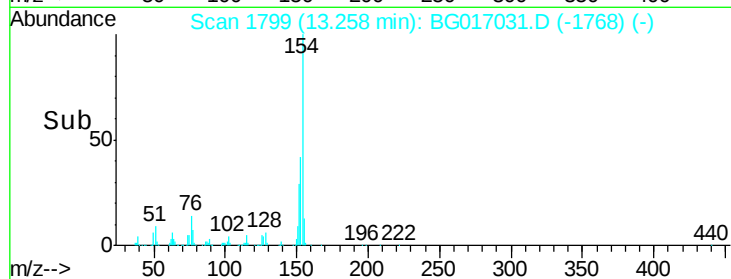
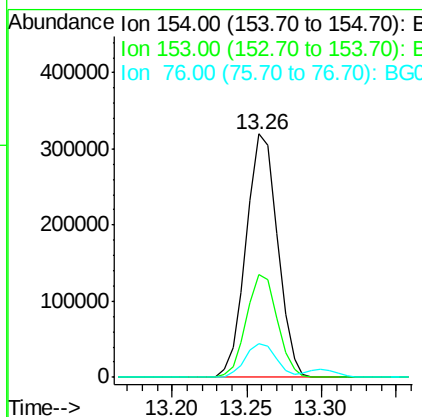
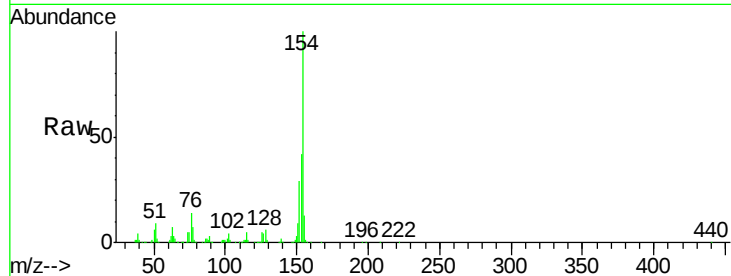




#45
 1,1'-Biphenyl
 Concen: 43.72 ng
 RT: 13.26 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

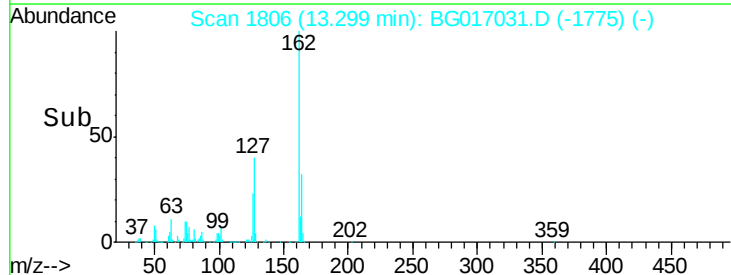
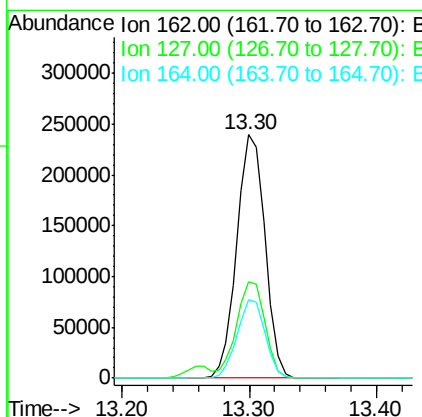
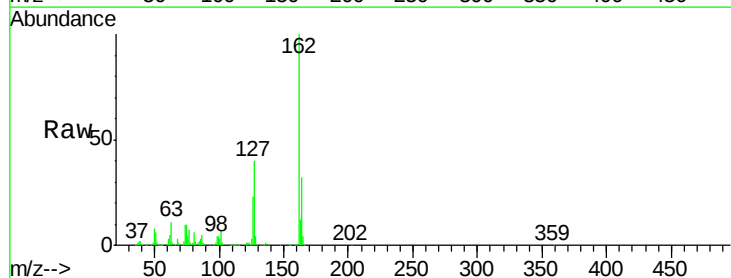
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

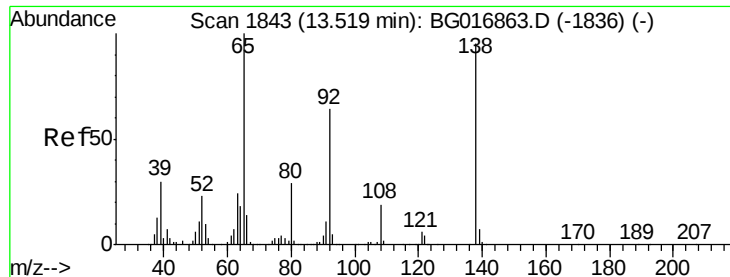
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.0	62.0
76	13.7	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 43.65 ng
 RT: 13.30 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.2	46.8
164	32.2	27.8	41.6

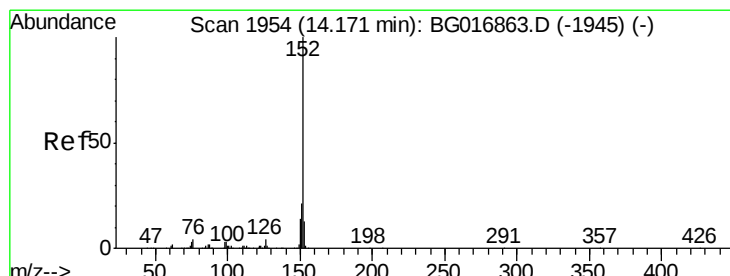
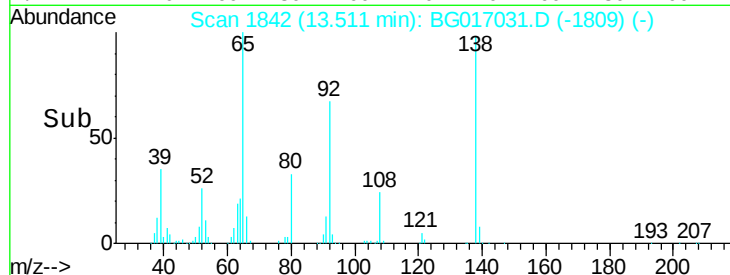
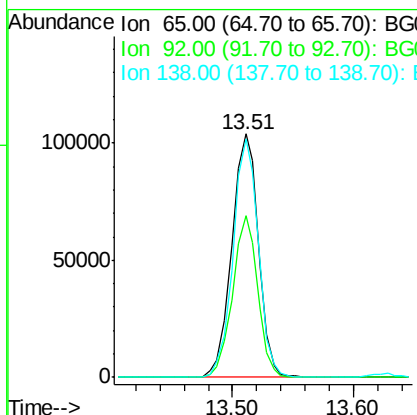
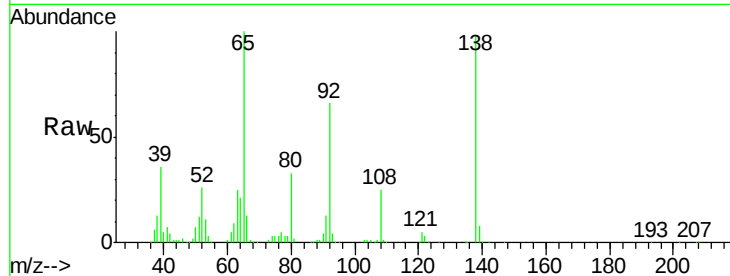




#47
2-Nitroaniline
Concen: 54.17 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

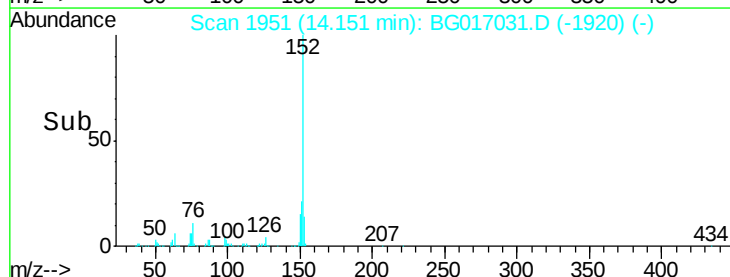
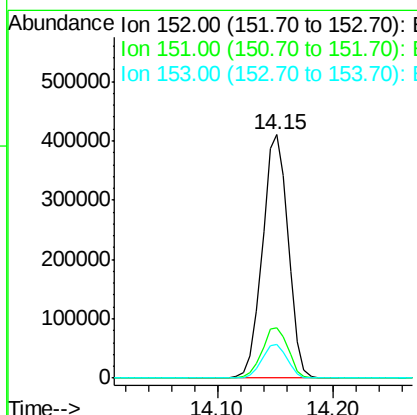
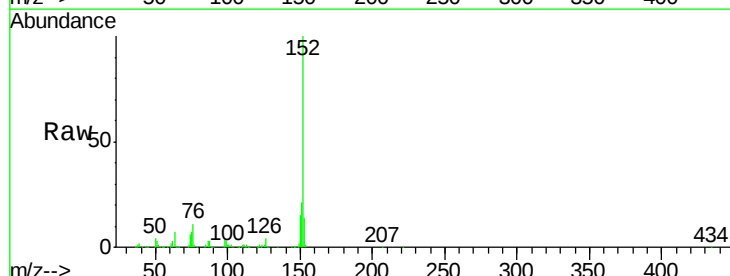
Instrument :
BNA_G
ClientSampleId :
PB83190BS

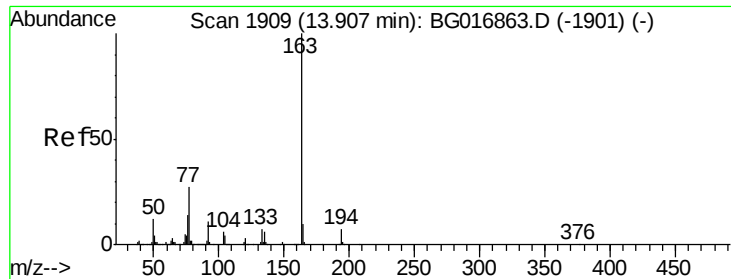
Tgt Ion: 65 Resp: 159110
Ion Ratio Lower Upper
65 100
92 66.4 51.0 76.6
138 98.1 76.2 114.2



#48
Acenaphthylene
Concen: 43.49 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion: 152 Resp: 639059
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.8 10.7 16.1

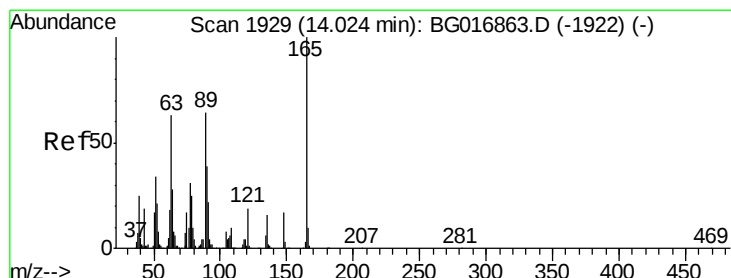
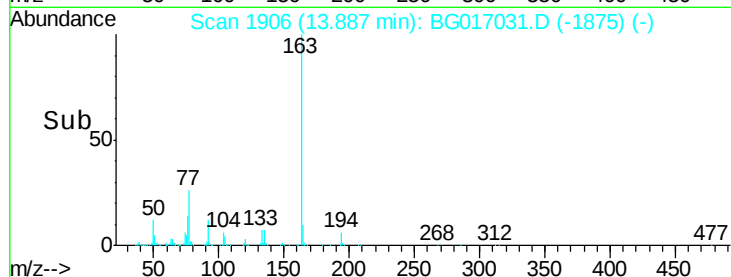
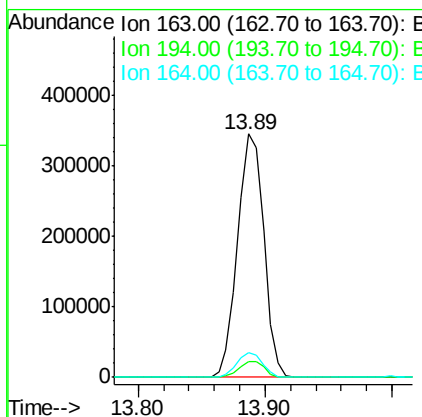
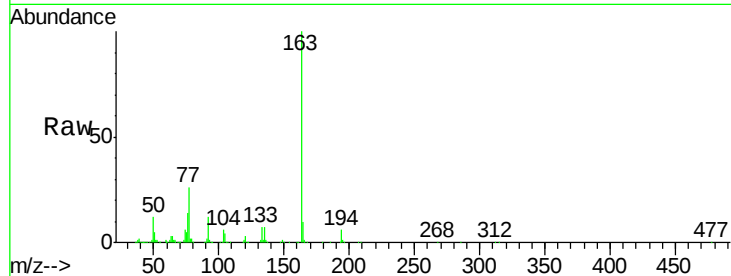




#49
Dimethylphthalate
Concen: 44.48 ng
RT: 13.89 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

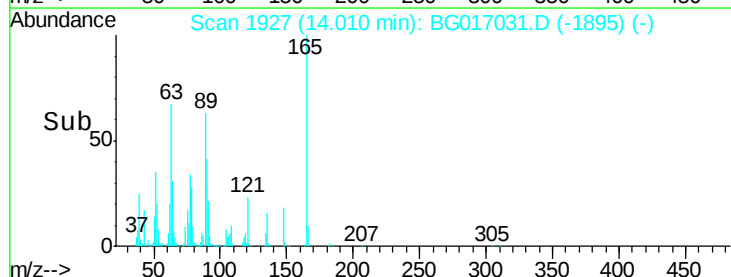
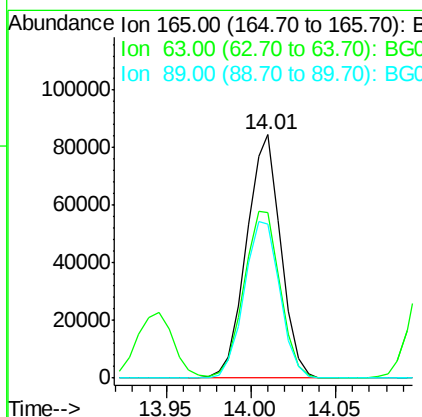
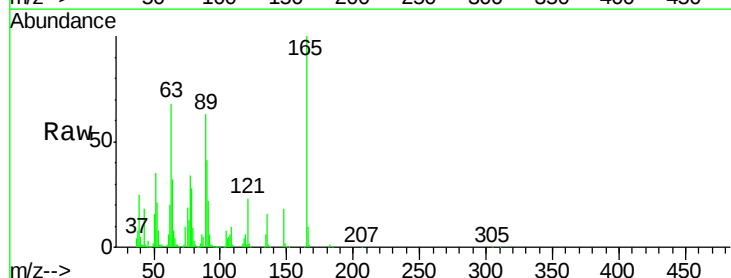
Instrument :
BNA_G
ClientSampleId :
PB83190BS

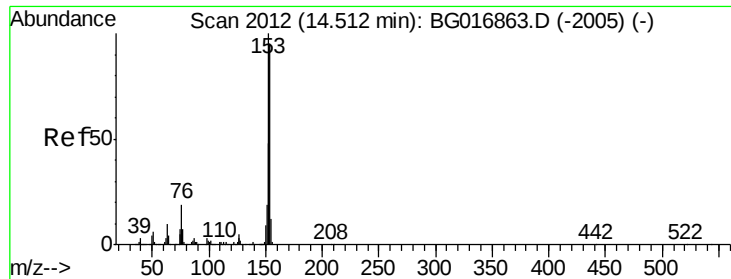
Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.2	7.8
164	10.1	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 51.44 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.2	50.9	76.3
89	63.4	51.4	77.2





#51

Acenaphthene

Concen: 43.39 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

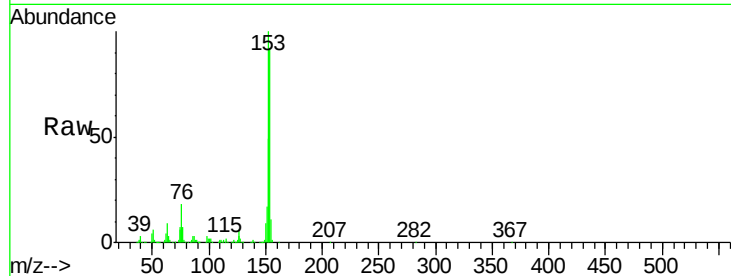
Tgt Ion:154 Resp: 379507

Ion Ratio Lower Upper

154 100

153 108.8 84.2 126.4

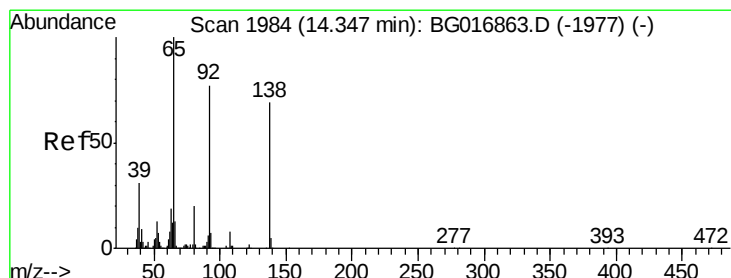
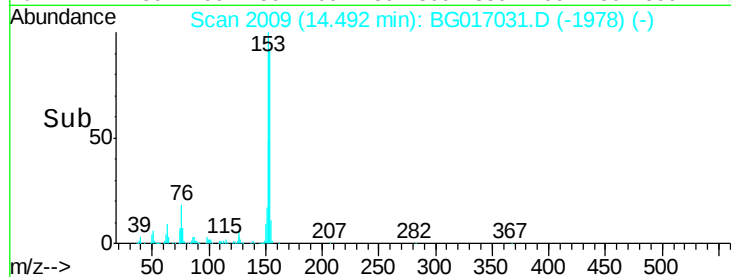
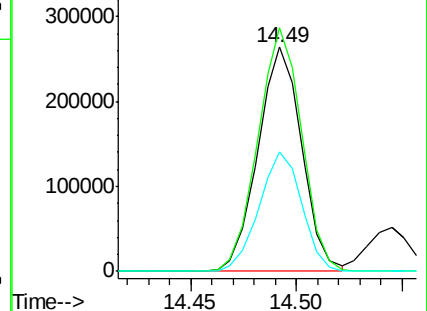
152 53.1 40.2 60.2



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: 41.13 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

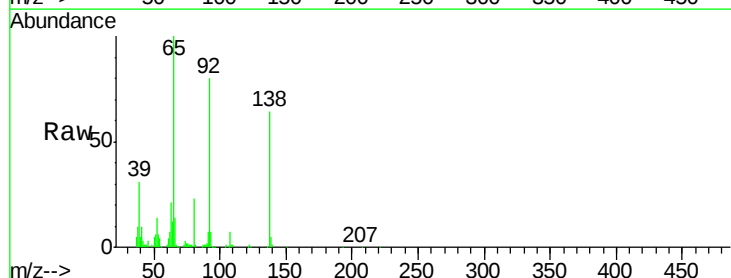
Tgt Ion:138 Resp: 107960

Ion Ratio Lower Upper

138 100

108 10.9 9.5 14.3

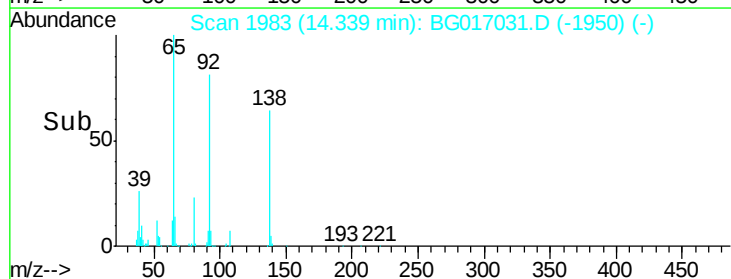
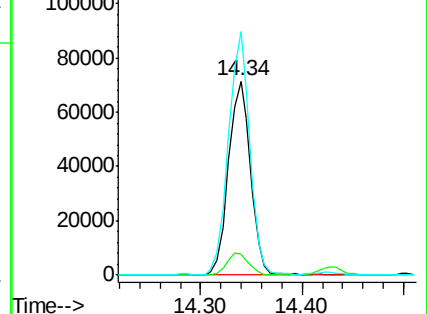
92 125.5 89.6 134.4

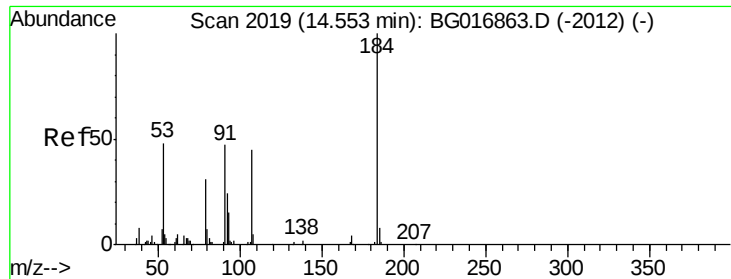


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

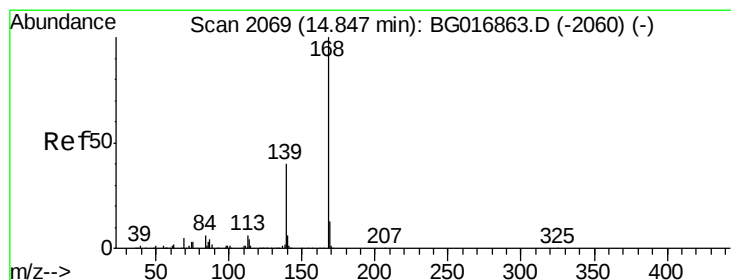
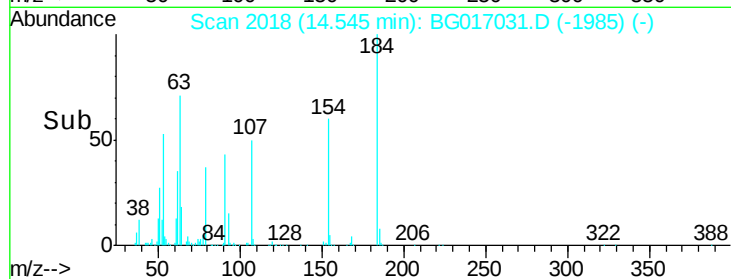
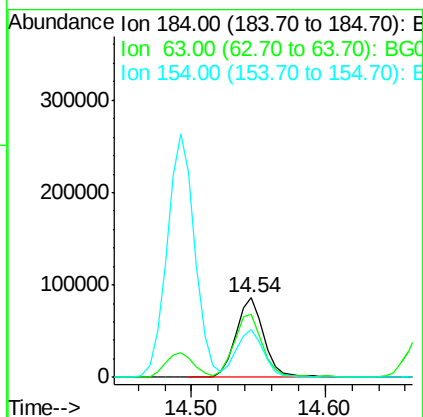
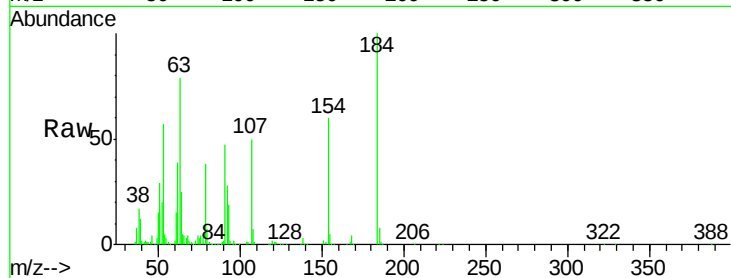




#53
2,4-Dinitrophenol
Concen: 118.43 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

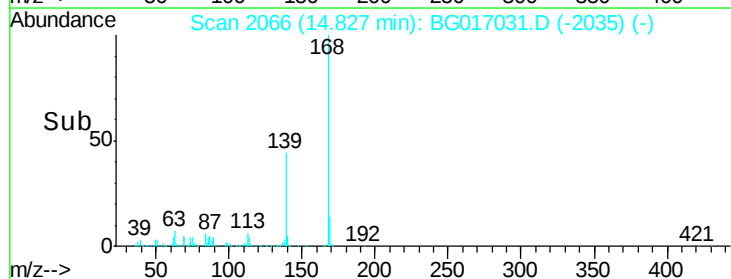
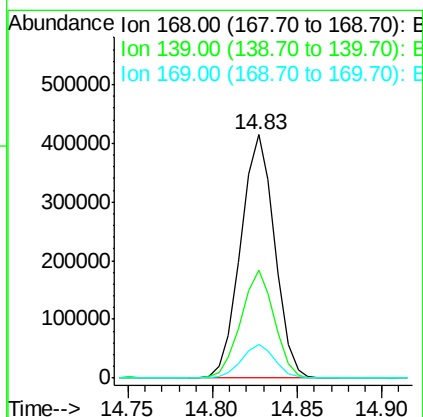
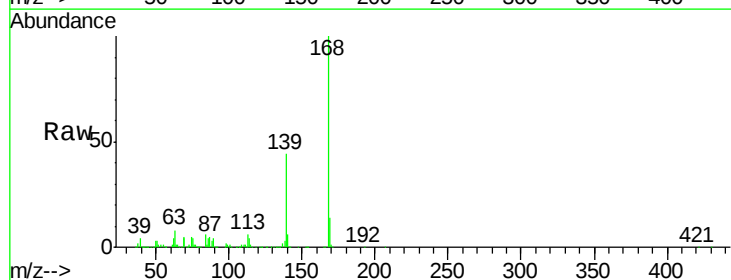
Instrument :
BNA_G
ClientSampleId :
PB83190BS

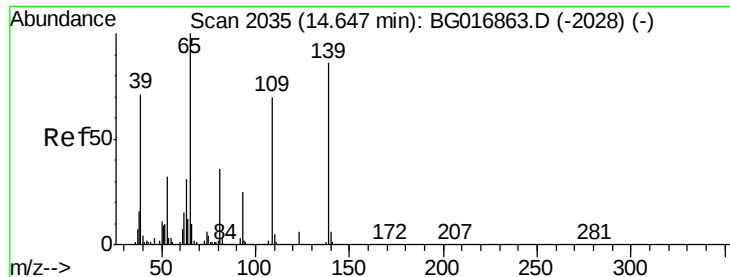
Tgt Ion:184 Resp: 124968
Ion Ratio Lower Upper
184 100
63 79.4 53.4 80.0
154 59.9 41.0 61.6



#54
Dibenzofuran
Concen: 46.77 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:168 Resp: 580901
Ion Ratio Lower Upper
168 100
139 44.4 32.5 48.7
169 13.6 10.4 15.6

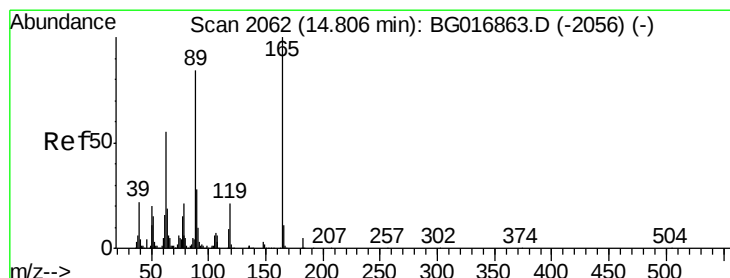
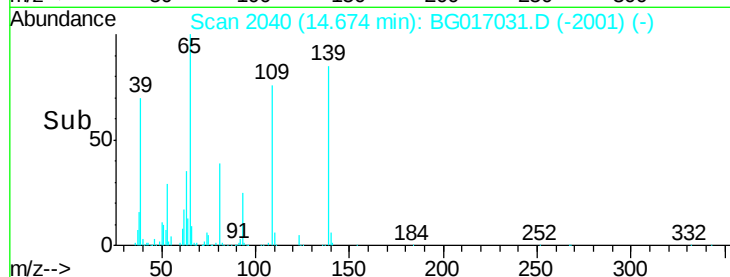
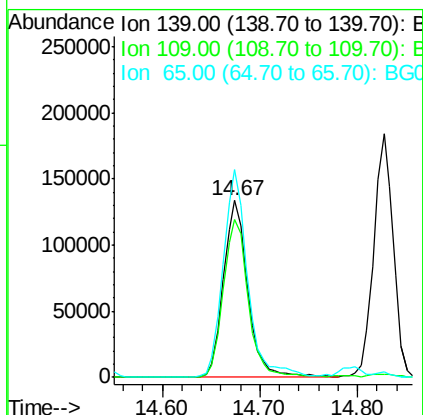
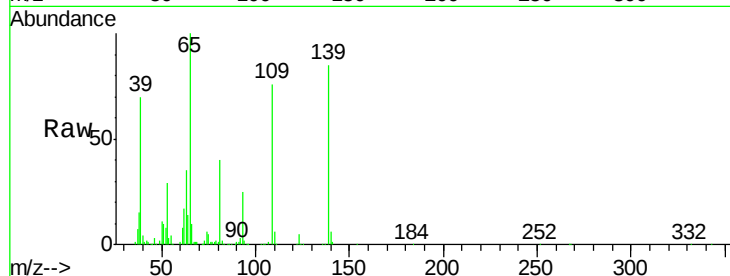




#55
4-Nitrophenol
Concen: 104.36 ng
RT: 14.67 min Scan# 2040
Delta R.T. 0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

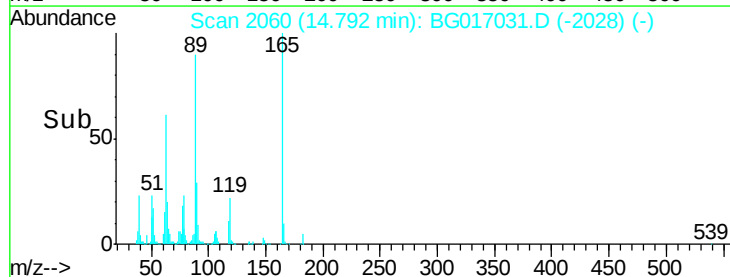
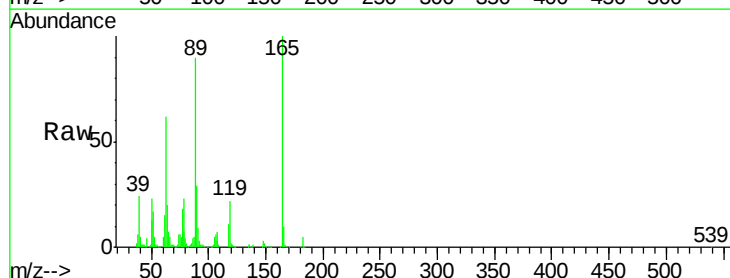
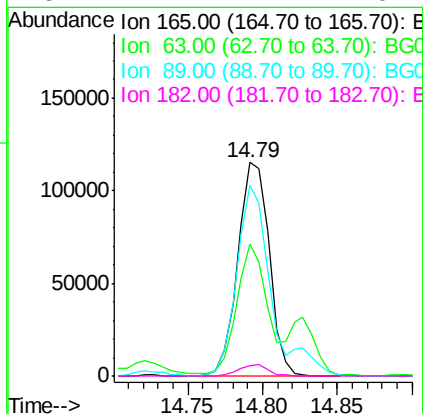
Instrument :
BNA_G
ClientSampleId :
PB83190BS

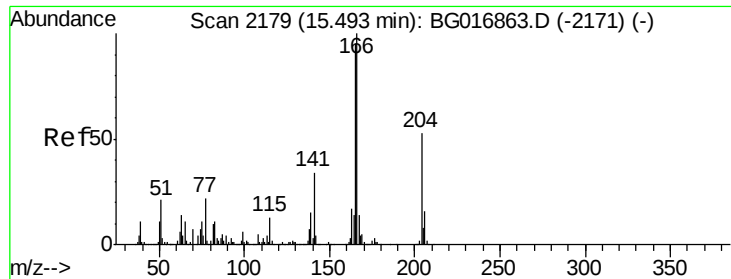
Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.6	61.8	101.8
65	117.5	96.8	136.8



#56
2,4-Dinitrotoluene
Concen: 57.19 ng
RT: 14.79 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	44.2	66.4
89	89.6	67.2	100.8
182	4.7	4.2	6.4

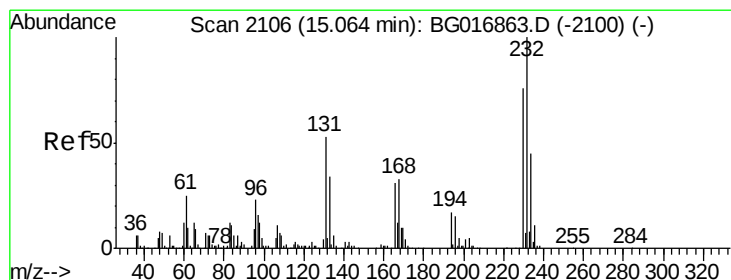
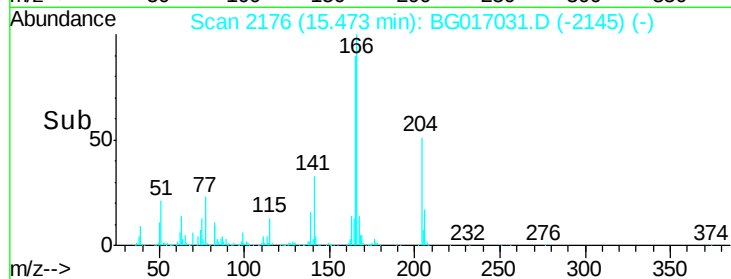
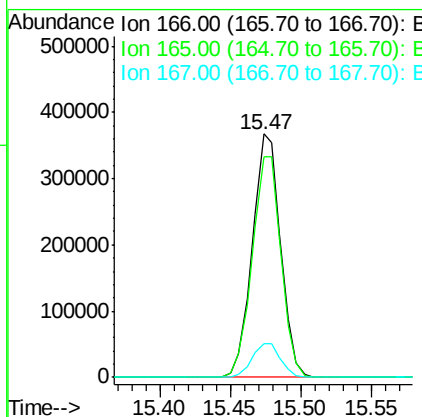
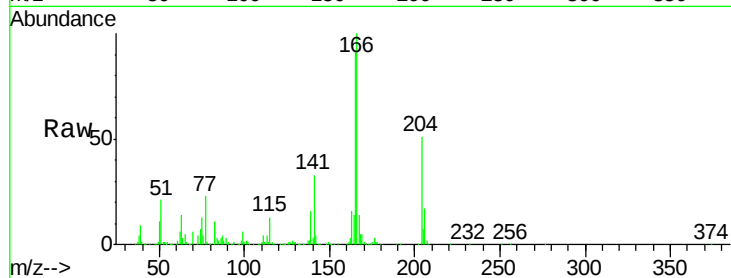




#57
 Fluorene
 Concen: 46.88 ng
 RT: 15.47 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

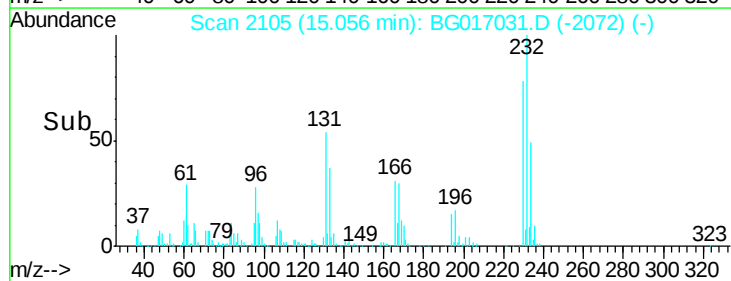
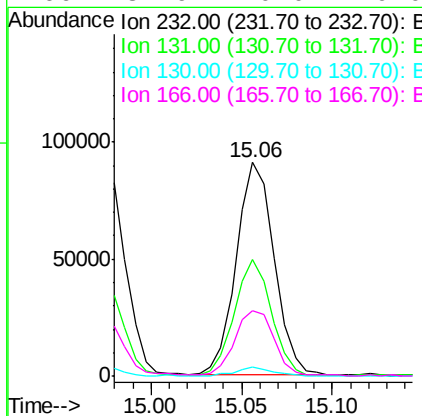
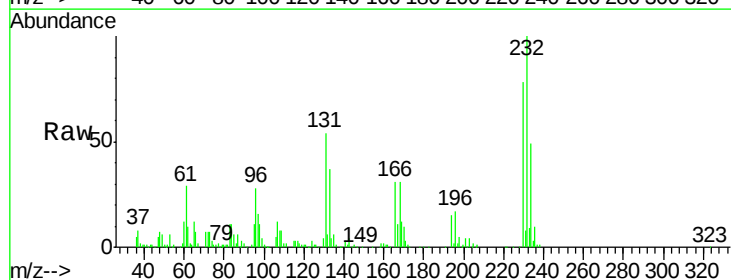
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

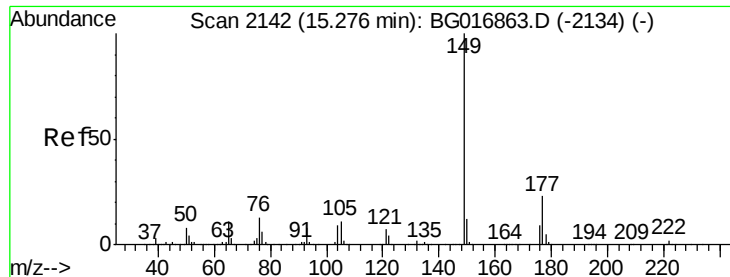
Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.5	76.1	114.1
167	13.8	11.4	17.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.62 ng
 RT: 15.06 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.6	0.1	0.1#
130	3.8	0.0	0.0#
166	31.9	0.0	0.0#





#59

Diethylphthalate

Concen: 46.02 ng

RT: 15.26 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

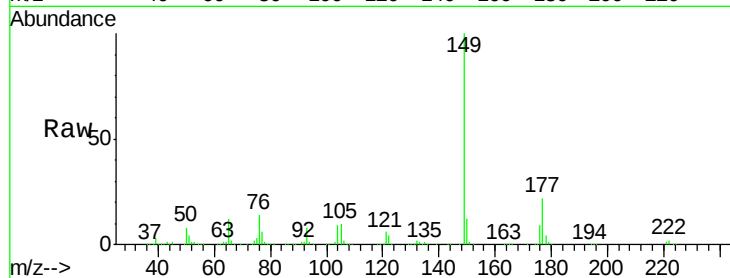
Tgt Ion:149 Resp: 539834

Ion Ratio Lower Upper

149 100

177 21.8 18.6 27.8

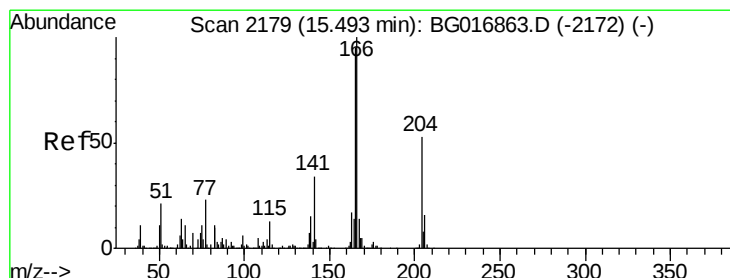
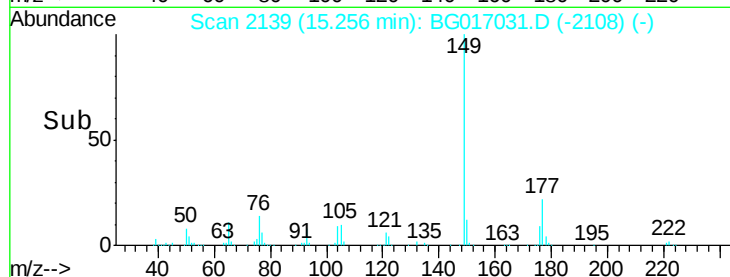
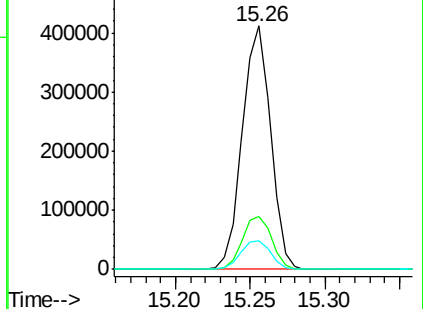
150 11.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.51 ng

RT: 15.47 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

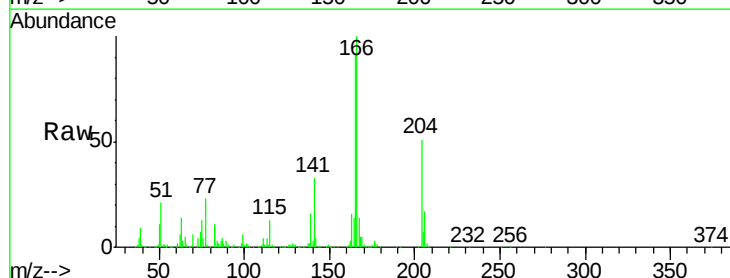
Tgt Ion:204 Resp: 251398

Ion Ratio Lower Upper

204 100

206 33.3 24.8 37.2

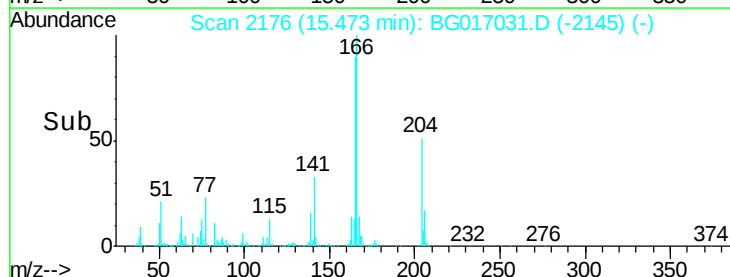
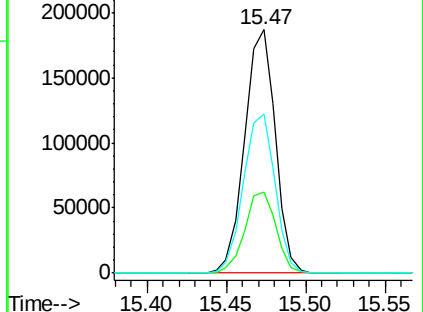
141 65.4 52.4 78.6

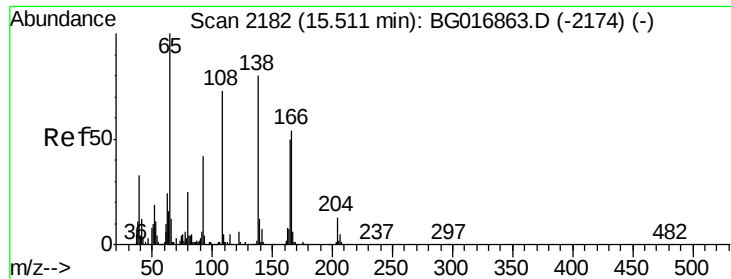


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

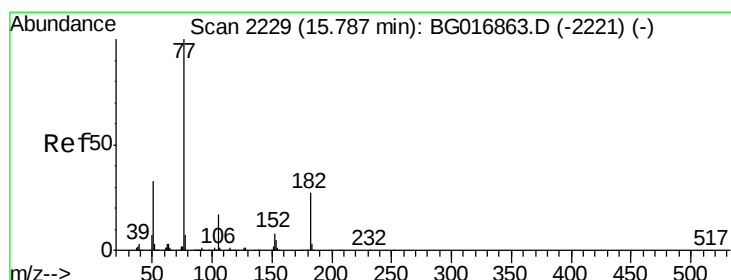
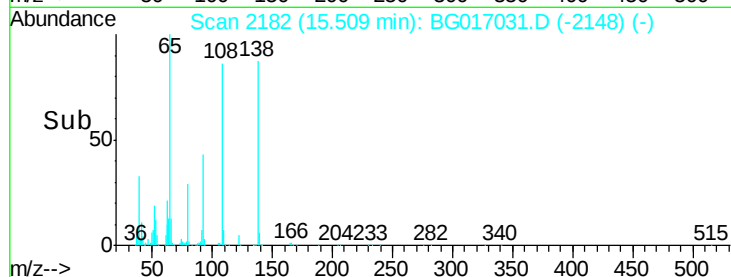
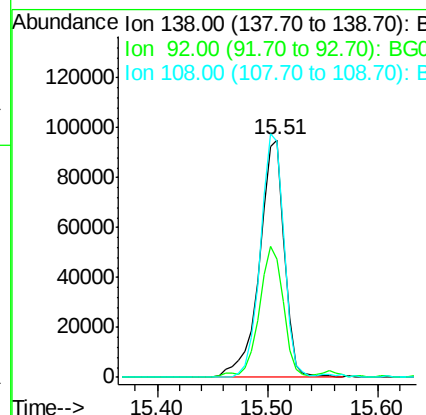
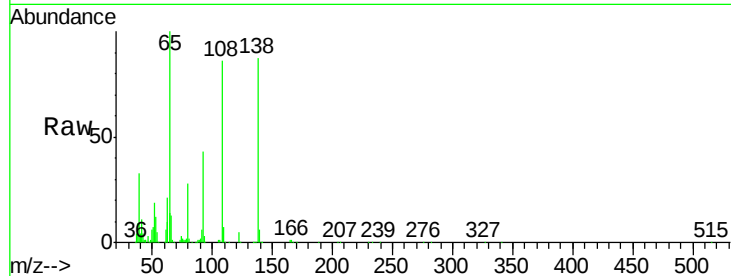




#61
4-Nitroaniline
Concen: 49.55 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

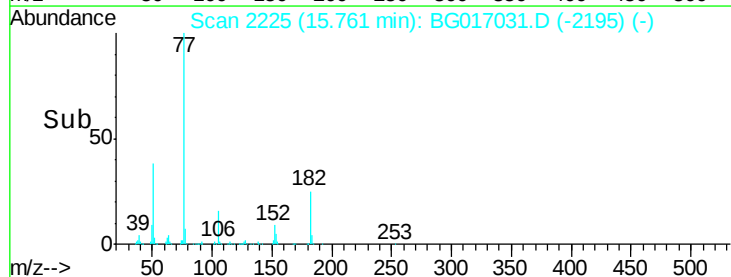
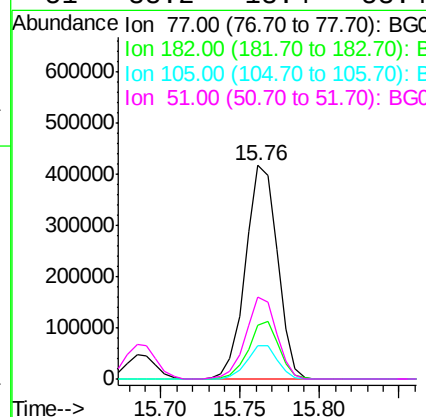
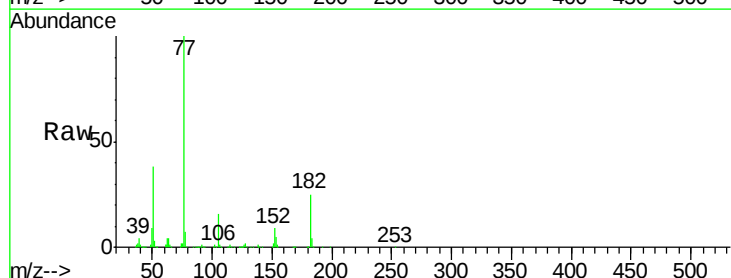
Instrument :
BNA_G
ClientSampleId :
PB83190BS

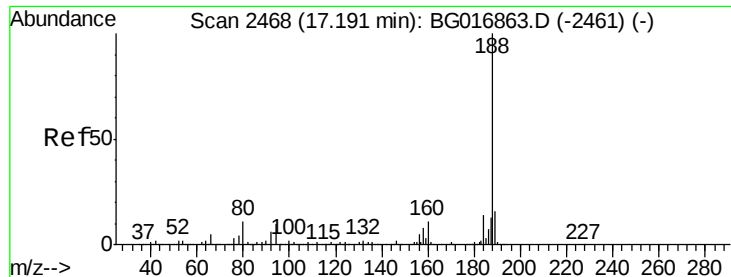
Tgt Ion:138 Resp: 150789
Ion Ratio Lower Upper
138 100
92 49.5 31.8 71.8
108 99.4 70.6 110.6



#62
Azobenzene
Concen: 47.98 ng
RT: 15.76 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion: 77 Resp: 582862
Ion Ratio Lower Upper
77 100
182 24.9 7.4 47.4
105 15.9 0.0 36.6
51 38.2 13.4 53.4

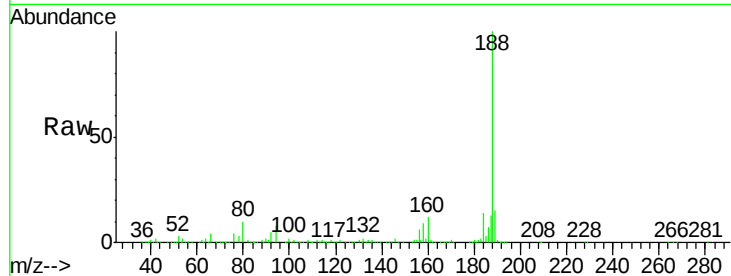




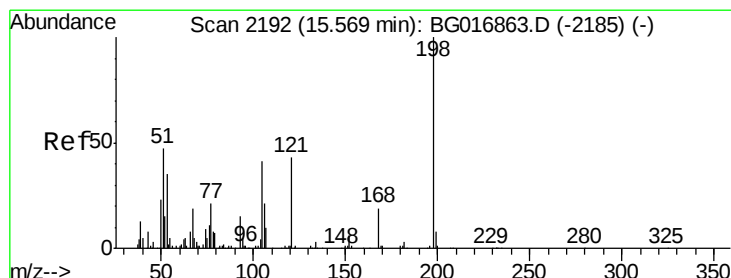
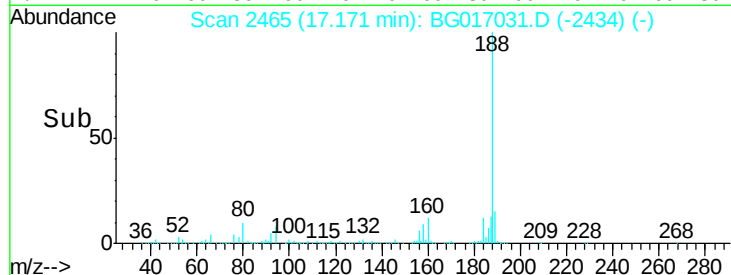
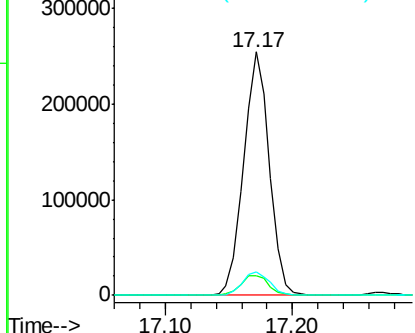
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:188 Resp: 355781
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.4
80 9.9 8.8 13.2

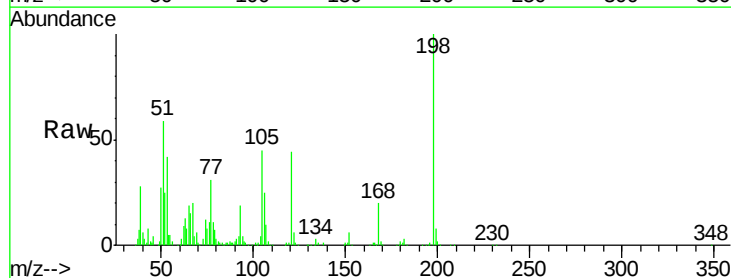


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

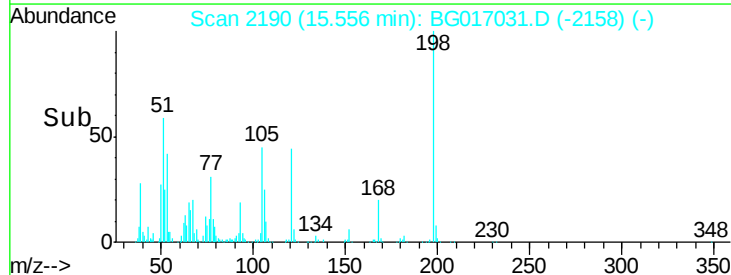
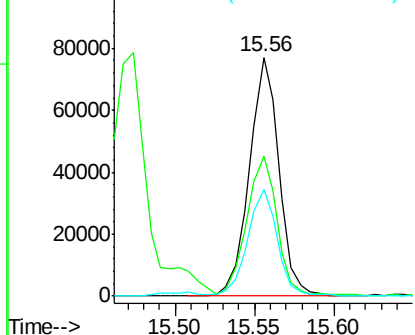


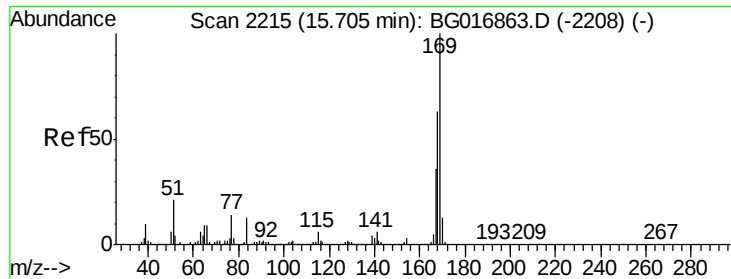
#64
4,6-Dinitro-2-methylphenol
Concen: 56.52 ng
RT: 15.56 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:198 Resp: 99712
Ion Ratio Lower Upper
198 100
51 58.8 31.2 71.2
105 44.7 22.0 62.0



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

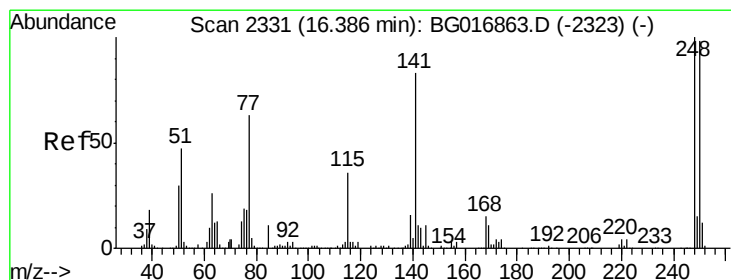
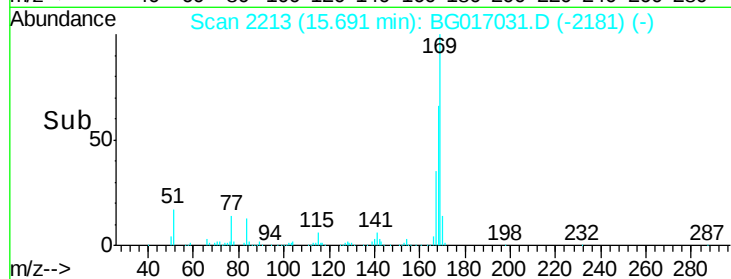
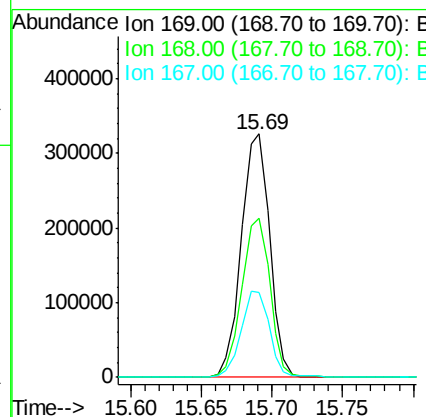
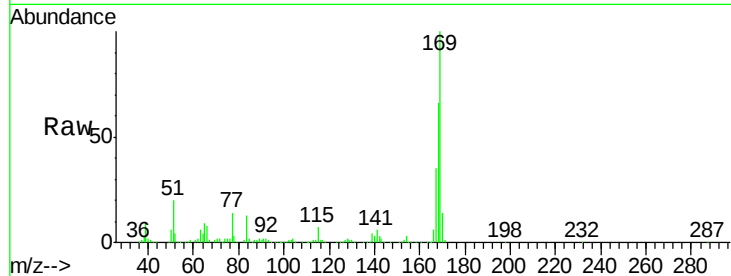




#65
 n-Nitrosodiphenylamine
 Concen: 42.11 ng
 RT: 15.69 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

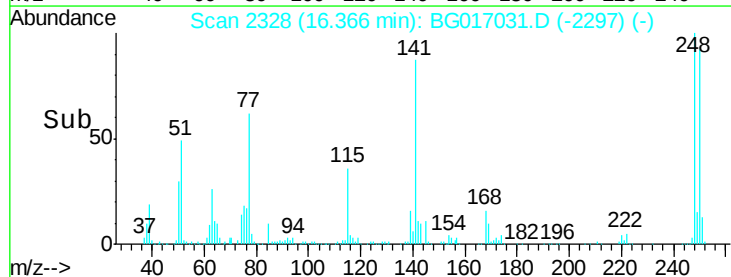
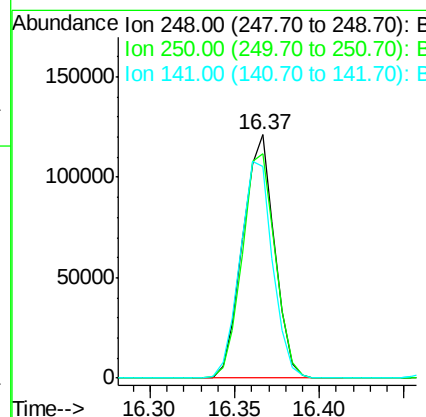
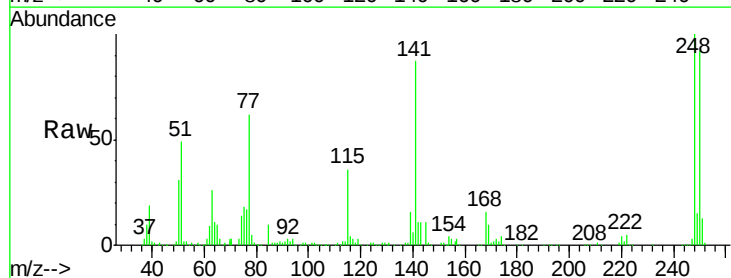
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

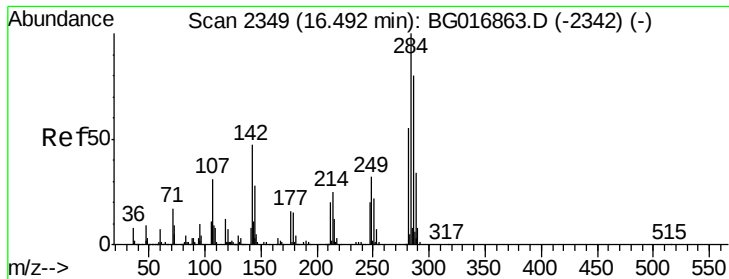
Tgt Ion:169 Resp: 457344
 Ion Ratio Lower Upper
 169 100
 168 65.6 50.6 76.0
 167 34.8 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 44.48 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion:248 Resp: 158834
 Ion Ratio Lower Upper
 248 100
 250 92.1 78.6 117.8
 141 87.0 66.3 99.5

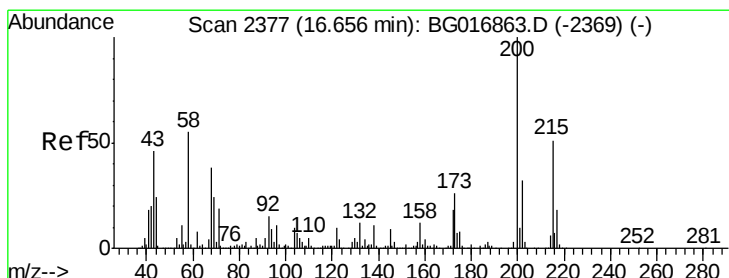
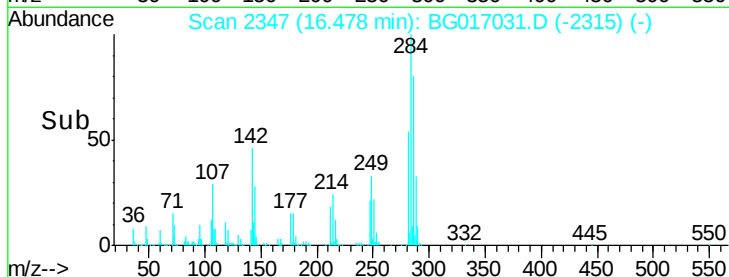
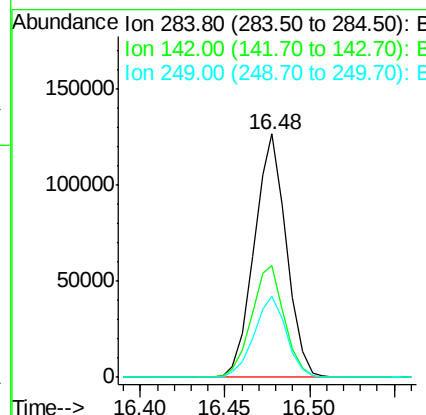
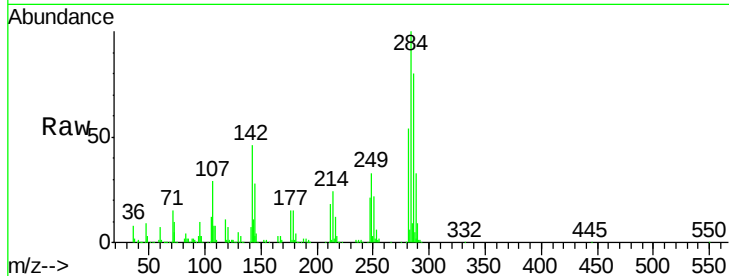




#67
Hexachlorobenzene
Concen: 44.33 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

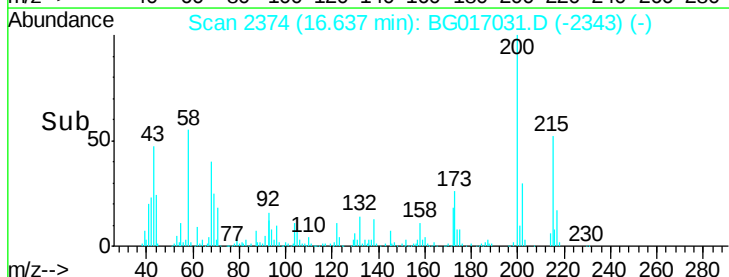
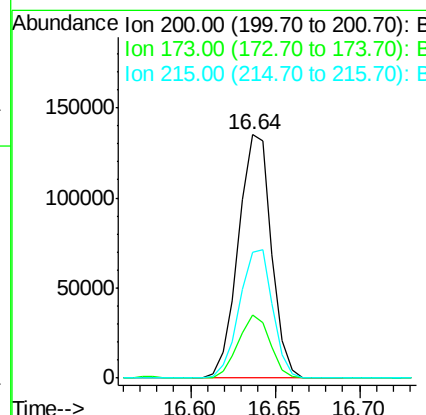
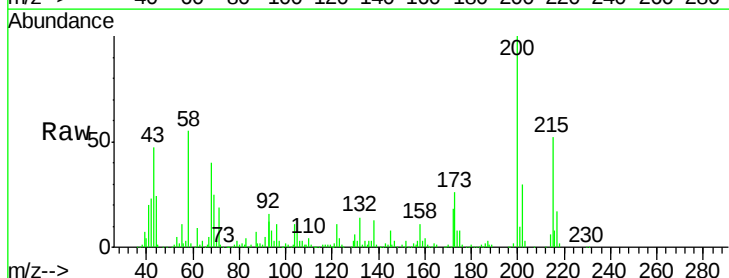
Instrument :
BNA_G
ClientSampleId :
PB83190BS

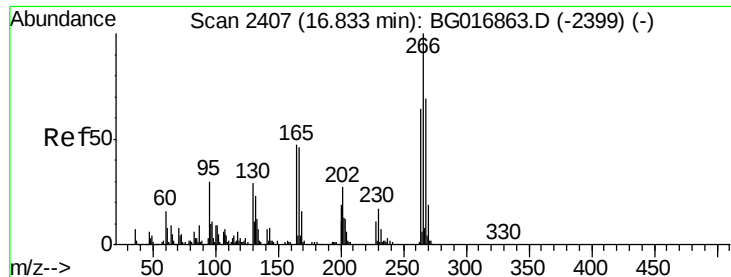
Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.7	37.4	56.0
249	33.3	25.5	38.3



#68
Atrazine
Concen: 46.97 ng
RT: 16.64 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.1	46.1
215	51.6	30.8	70.8

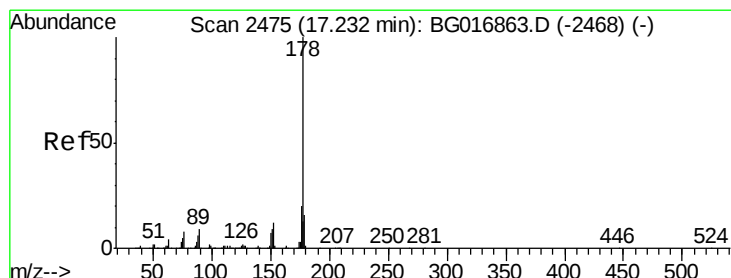
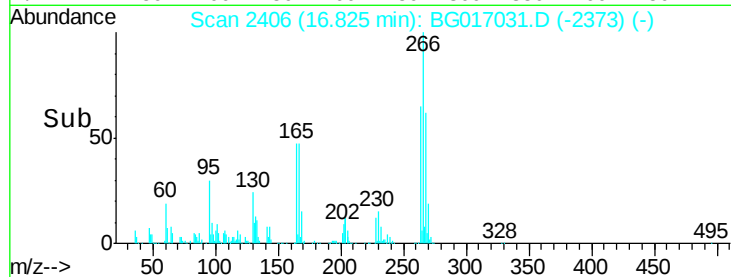
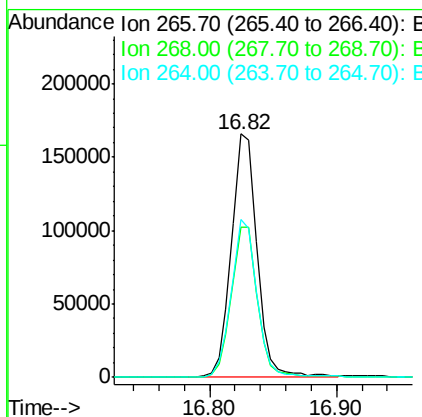
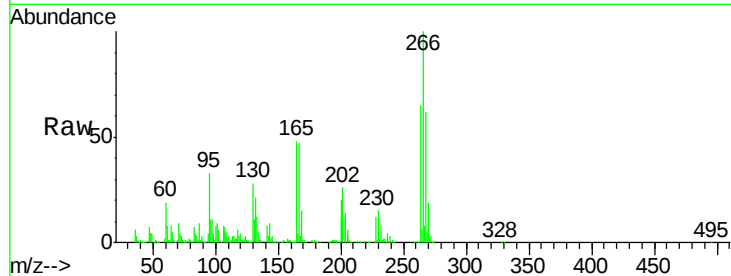




#69
 Pentachlorophenol
 Concen: 94.56 ng
 RT: 16.82 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

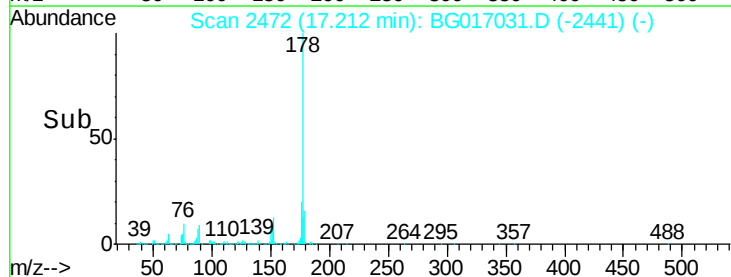
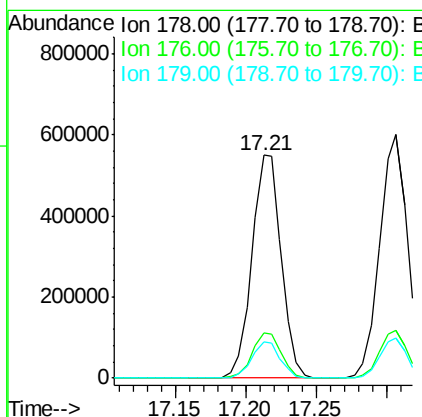
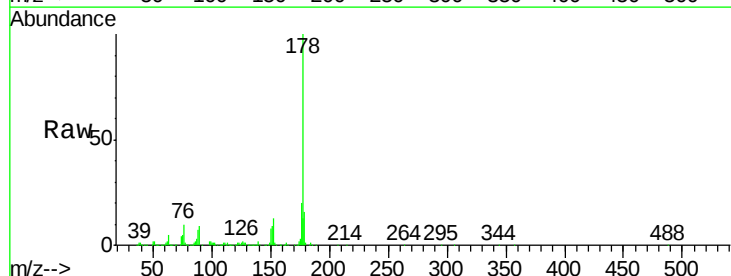
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

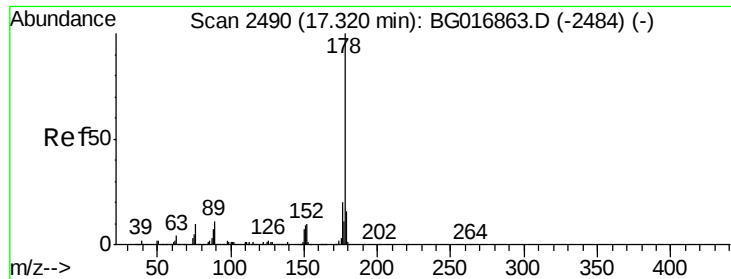
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	55.2	82.8
264	64.9	51.4	77.0



#70
 Phenanthrene
 Concen: 43.68 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.1	13.0	19.6

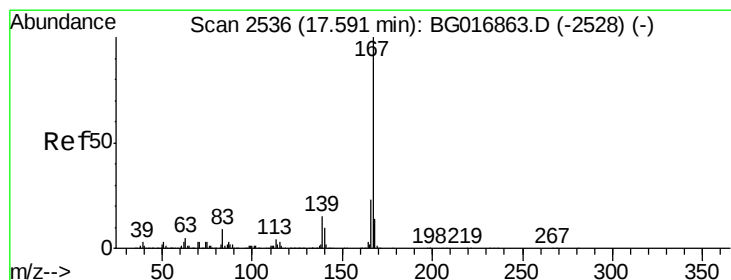
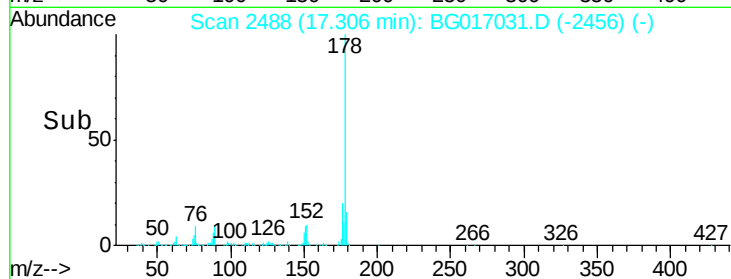
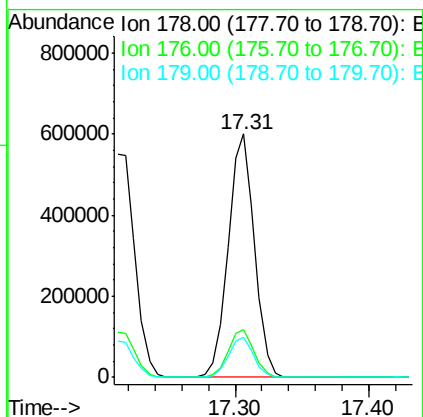
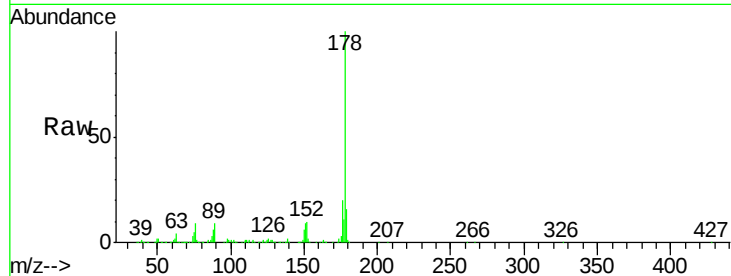




#71
 Anthracene
 Concen: 44.58 ng
 RT: 17.31 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

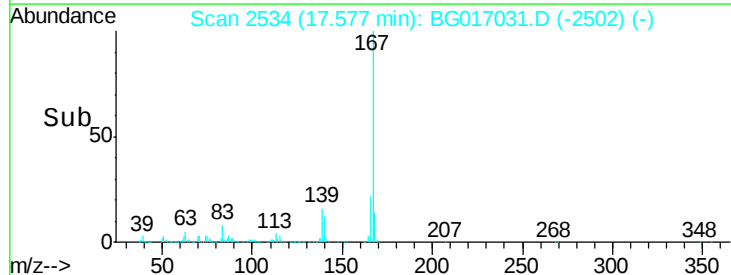
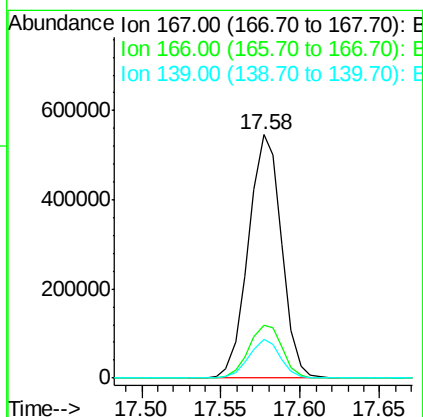
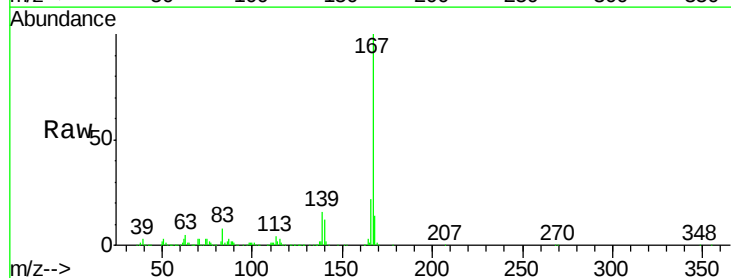
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

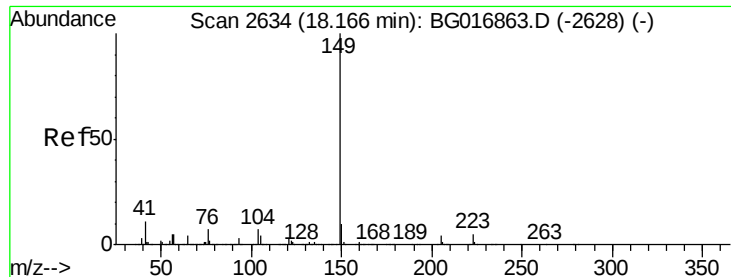
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.5	13.1	19.7



#72
 Carbazole
 Concen: 45.16 ng
 RT: 17.58 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.4	27.6
139	15.8	12.2	18.4

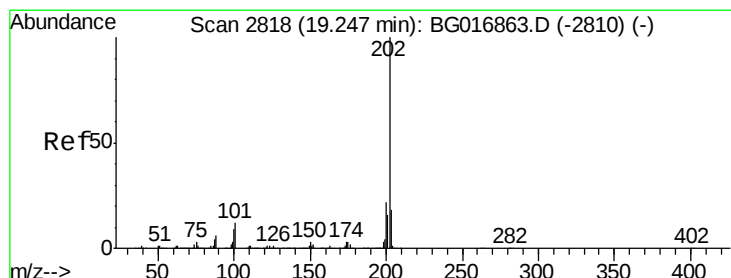
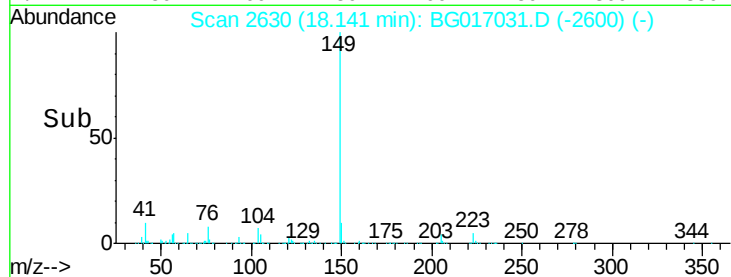
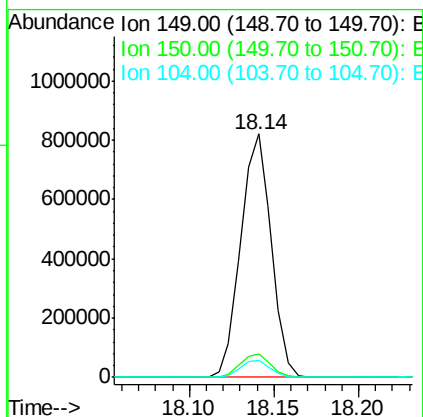
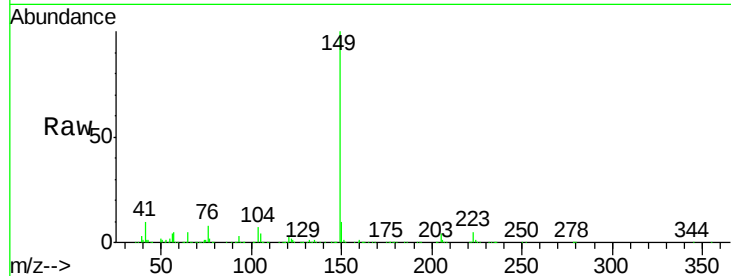




#73
Di-n-butylphthalate
Concen: 45.29 ng
RT: 18.14 min Scan# 2630
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

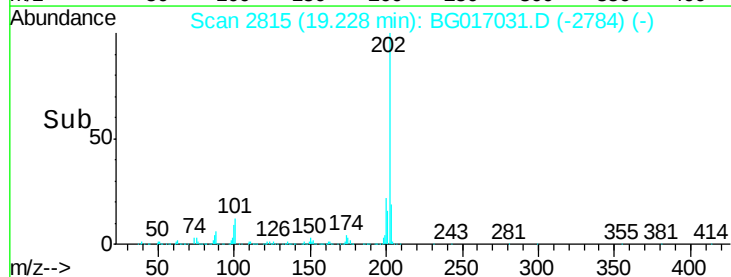
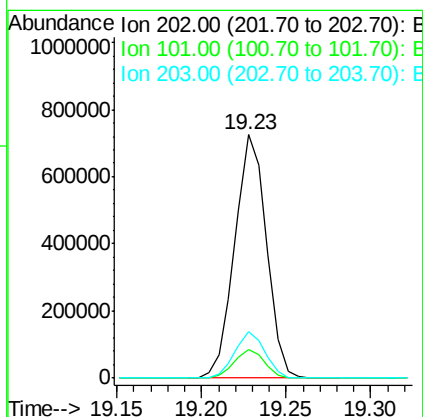
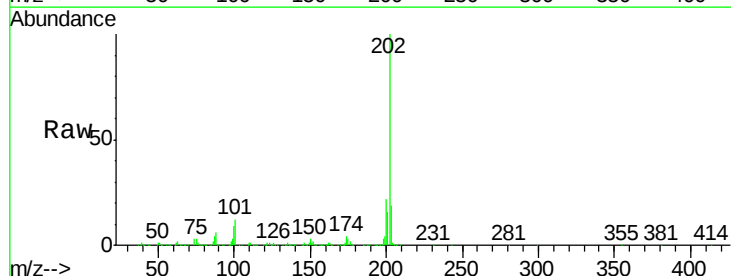
Instrument :
BNA_G
ClientSampleId :
PB83190BS

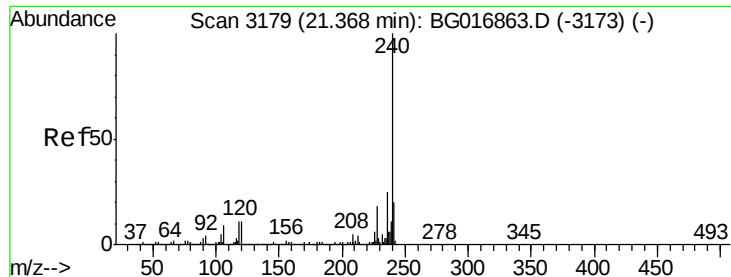
Tgt Ion:149 Resp: 1030975
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 6.9 5.4 8.0



#74
Fluoranthene
Concen: 44.62 ng
RT: 19.23 min Scan# 2815
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:202 Resp: 947869
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 19.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

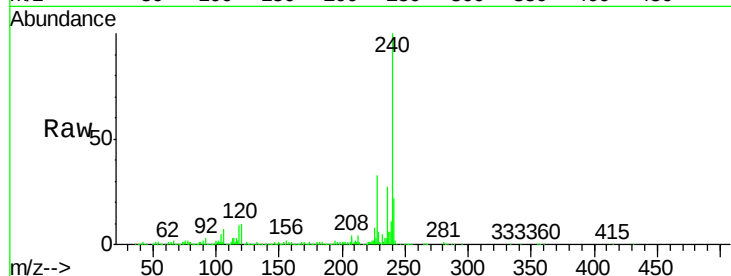
Tgt Ion:240 Resp: 360383

Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

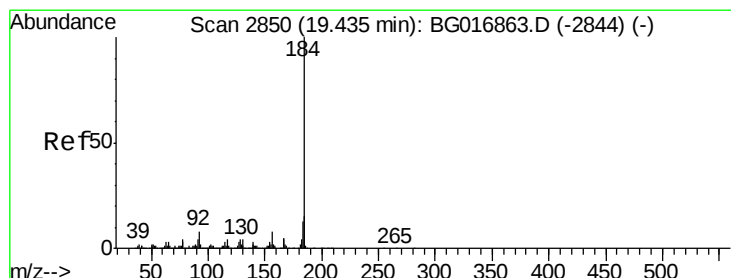
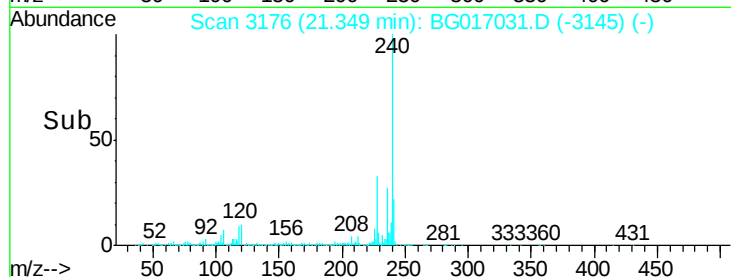
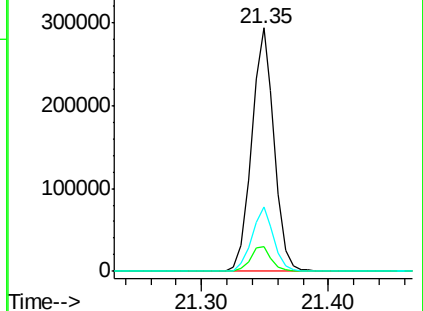
236 26.6 20.2 30.4



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: 41.08 ng

RT: 19.42 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

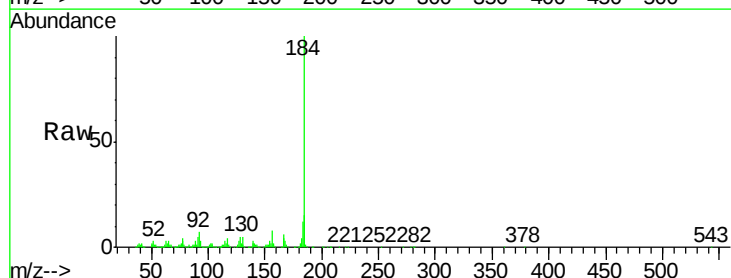
Tgt Ion:184 Resp: 503044

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

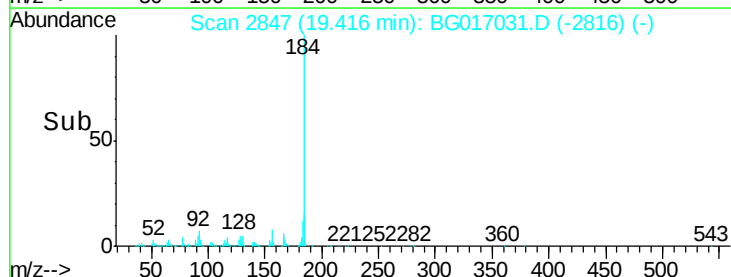
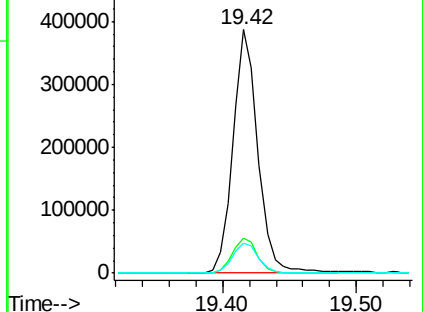
183 12.3 10.6 15.8

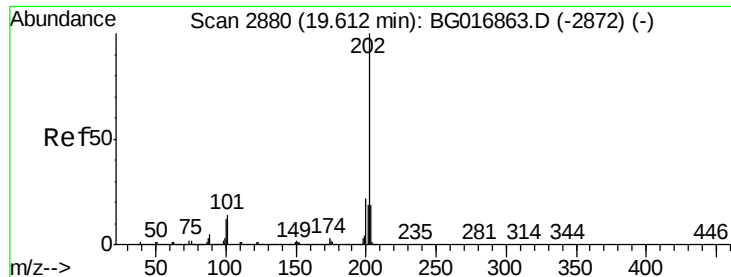


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

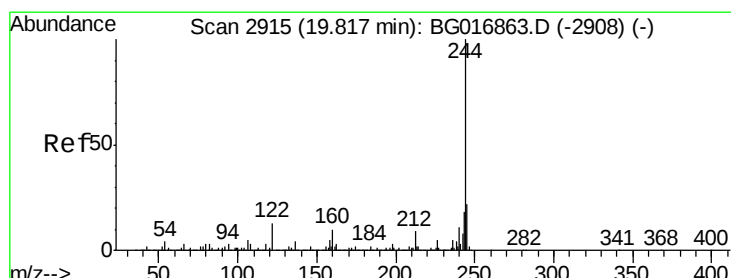
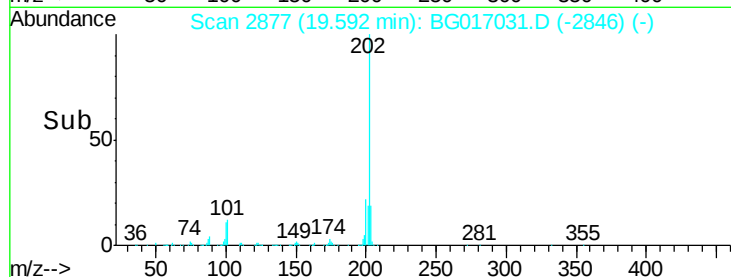
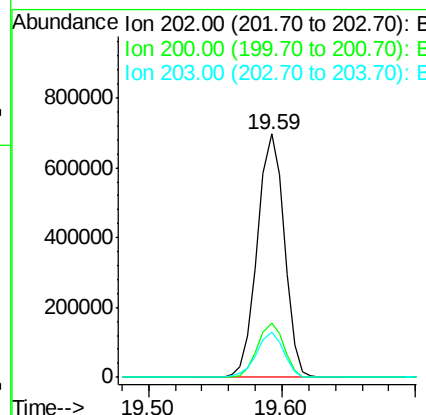
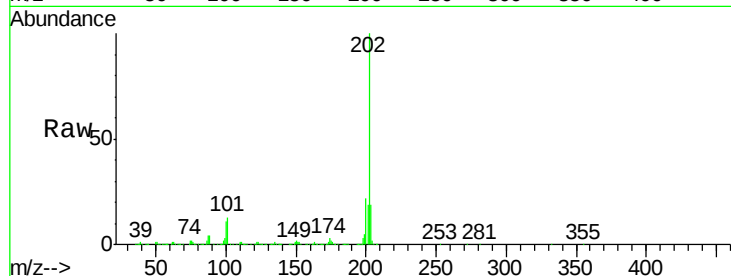




#77
 Pyrene
 Concen: 45.53 ng
 RT: 19.59 min Scan# 2877
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

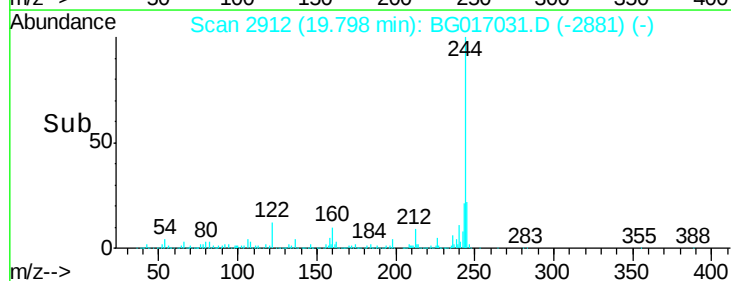
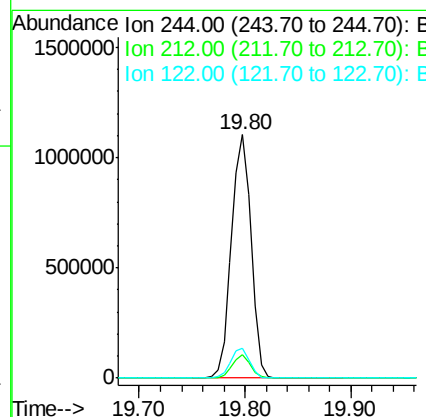
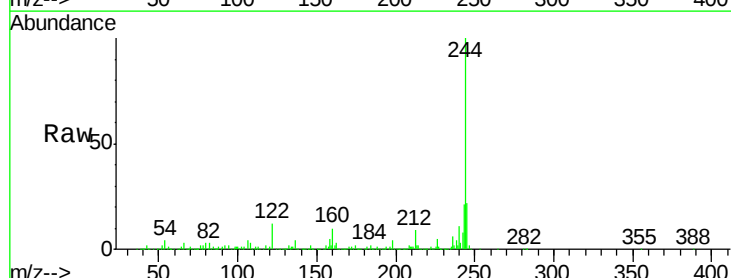
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

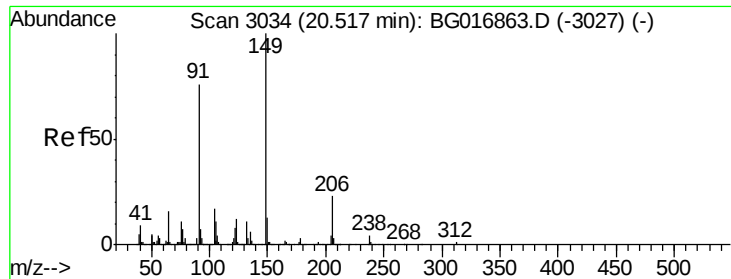
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.9	26.9
203	18.6	15.2	22.8



#78
 Terphenyl-d14
 Concen: 92.04 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	12.2	10.4	15.6

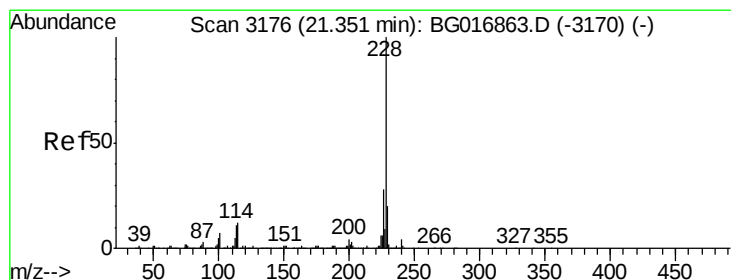
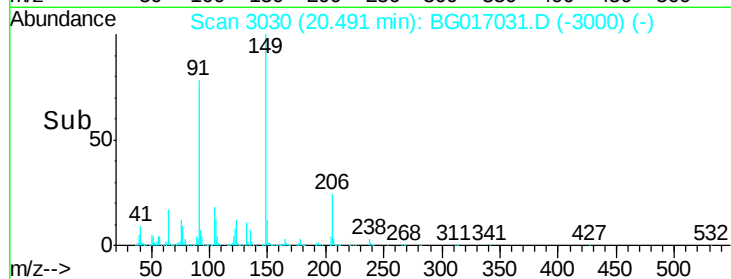
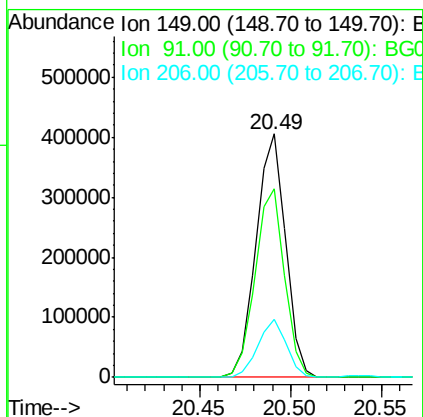
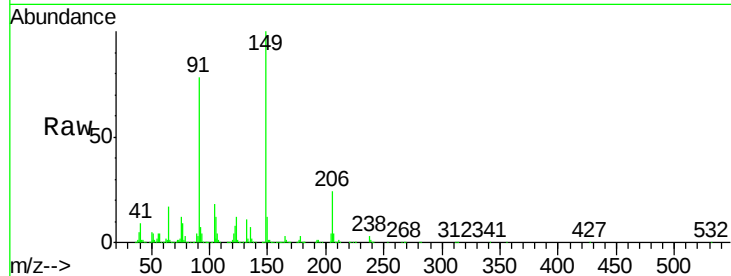




#79
Butylbenzylphthalate
Concen: 45.37 ng
RT: 20.49 min Scan# 3030
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

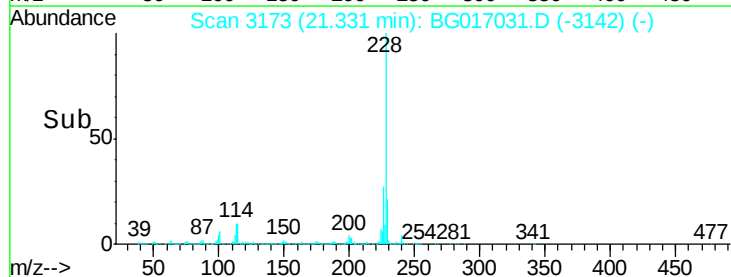
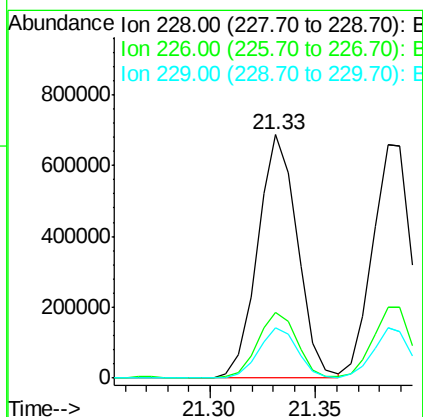
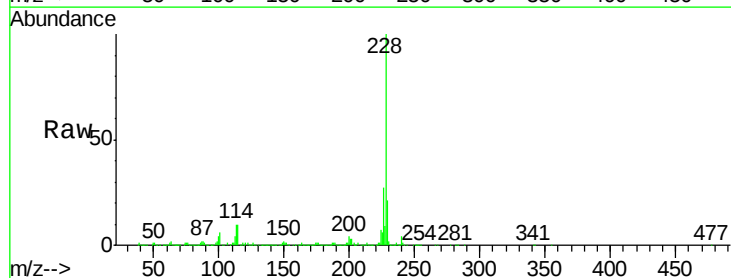
Instrument :
BNA_G
ClientSampled :
PB83190BS

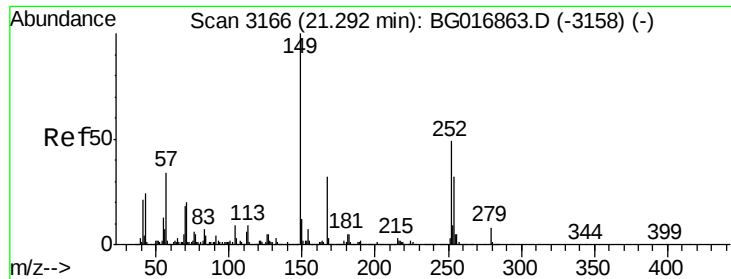
Tgt Ion:149 Resp: 458691
Ion Ratio Lower Upper
149 100
91 77.6 60.6 91.0
206 23.8 18.4 27.6



#80
Benzo(a)anthracene
Concen: 46.40 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:228 Resp: 897056
Ion Ratio Lower Upper
228 100
226 27.2 22.7 34.1
229 20.8 16.1 24.1

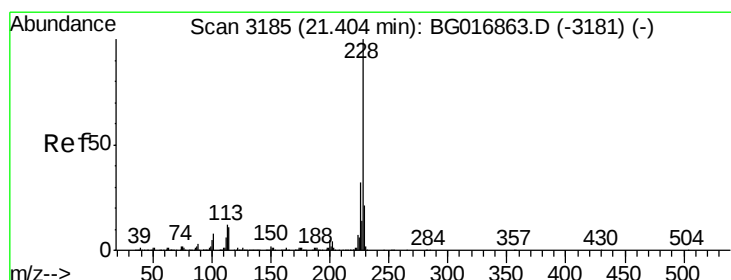
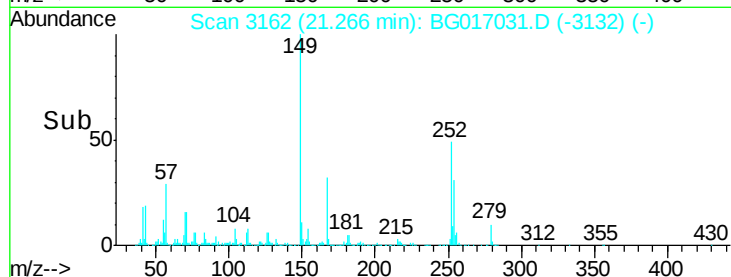
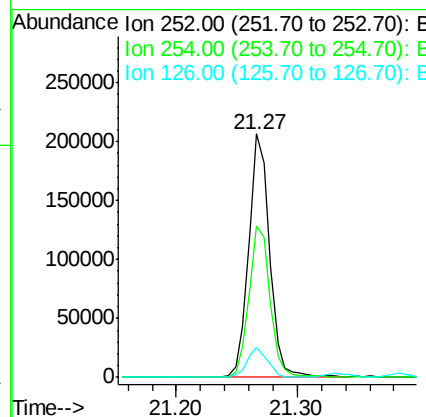
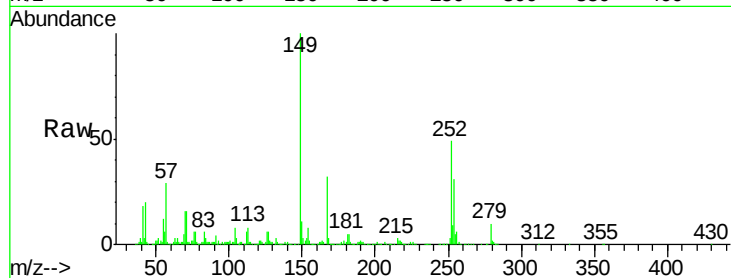




#81
 3,3'-Dichlorobenzidine
 Concen: 33.23 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.03 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

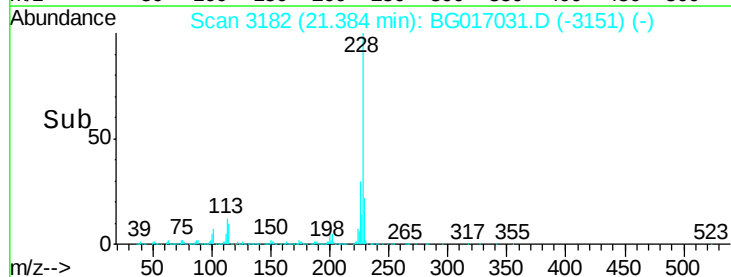
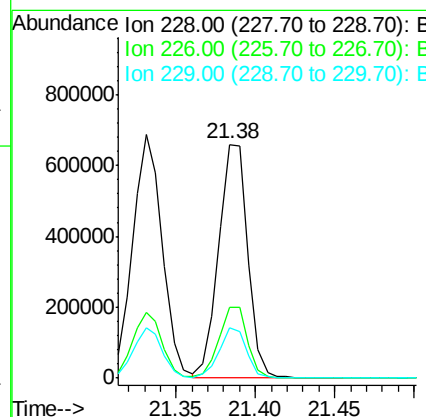
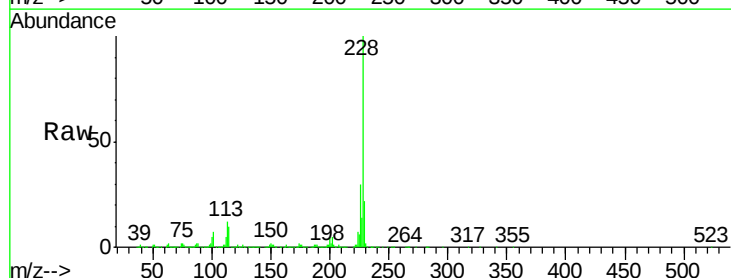
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

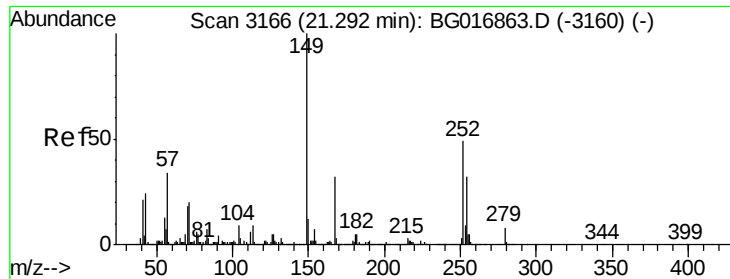
Tgt Ion: 252 Resp: 250816
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.7 77.5
 126 12.0 8.9 13.3



#82
 Chrysene
 Concen: 46.27 ng
 RT: 21.38 min Scan# 3182
 Delta R.T. -0.02 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion: 228 Resp: 837873
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.0
 229 21.5 16.5 24.7

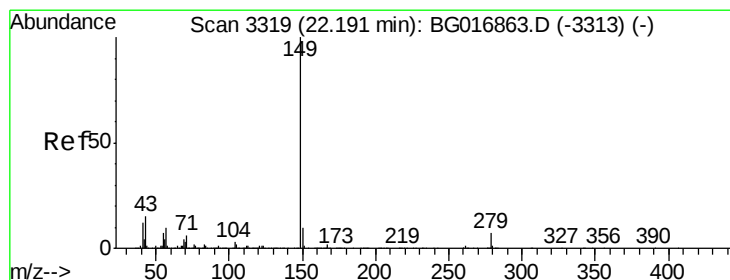
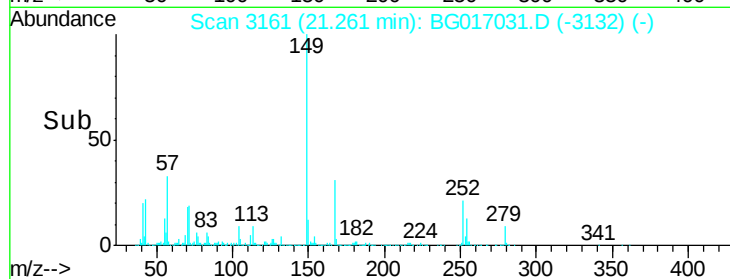
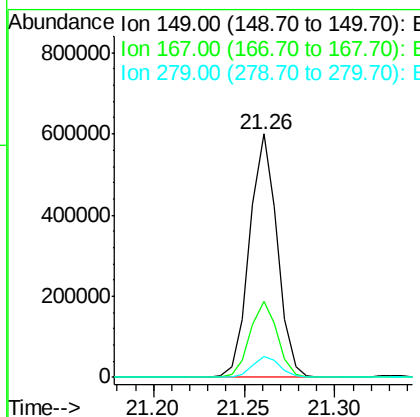
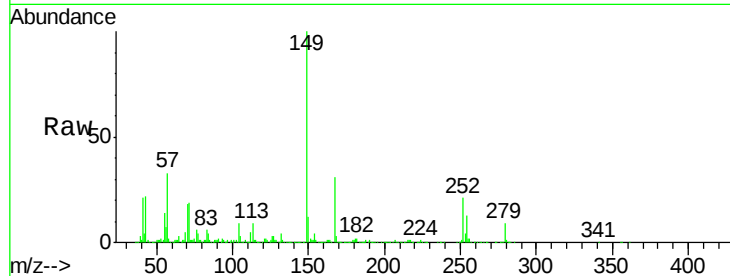




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.81 ng
 RT: 21.26 min Scan# 3161
 Delta R.T. -0.03 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

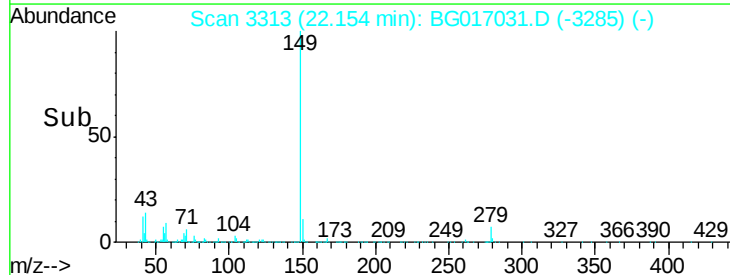
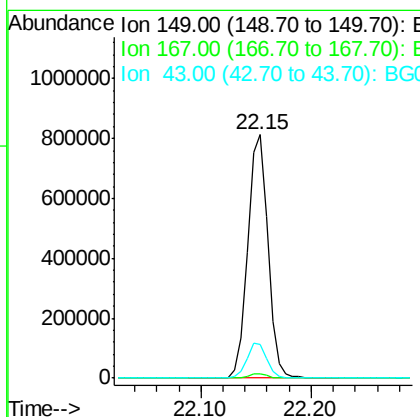
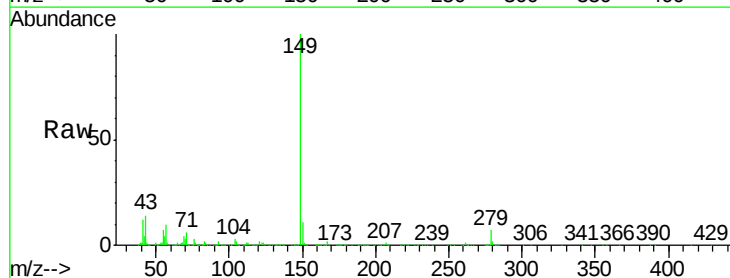
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

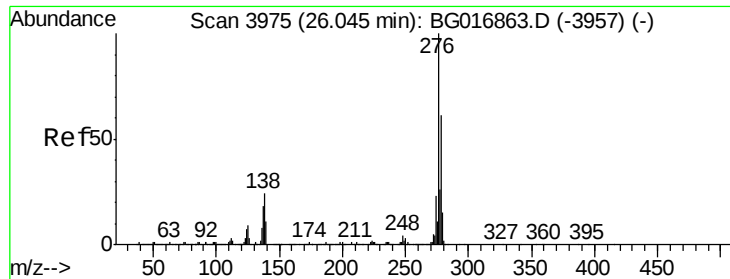
Tgt Ion:149 Resp: 633475
 Ion Ratio Lower Upper
 149 100
 167 31.2 25.4 38.0
 279 8.6 6.4 9.6



#84
 Di-n-octyl phthalate
 Concen: 45.01 ng
 RT: 22.15 min Scan# 3313
 Delta R.T. -0.04 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Tgt Ion:149 Resp: 1045515
 Ion Ratio Lower Upper
 149 100
 167 1.9 0.0 0.0#
 43 14.0 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.56 ng

RT: 26.00 min Scan# 3968

Delta R.T. -0.04 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

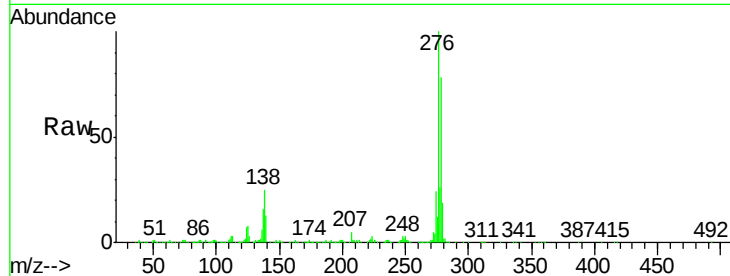
Tgt Ion:276 Resp: 1004643

Ion Ratio Lower Upper

276 100

138 23.7 0.0 0.0#

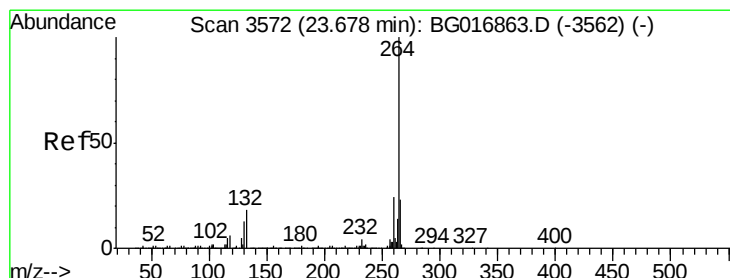
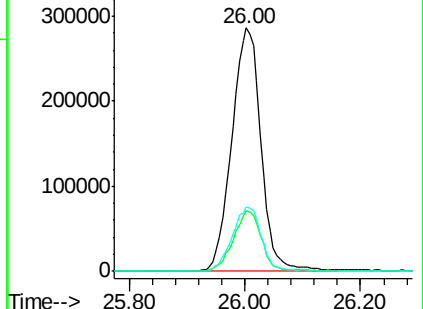
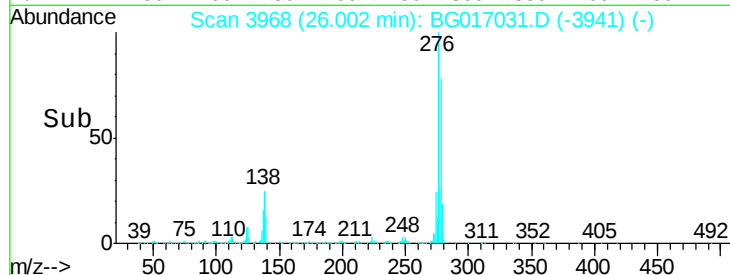
277 26.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

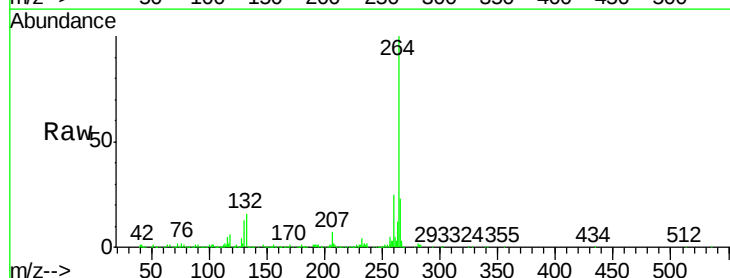
Tgt Ion:264 Resp: 354078

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

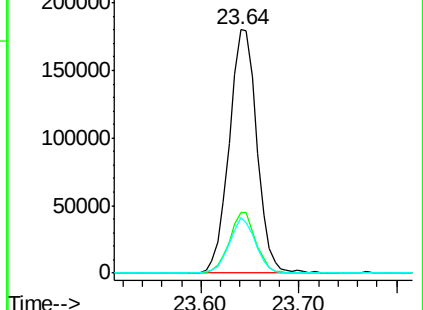
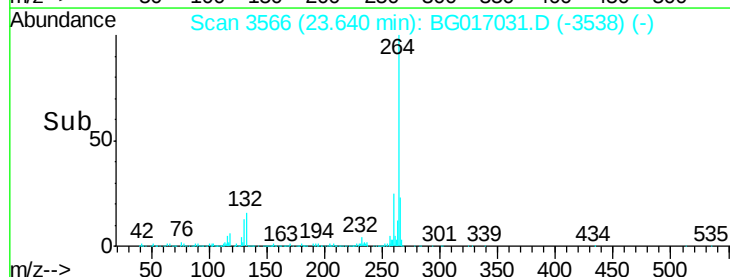
265 22.5 18.5 27.7

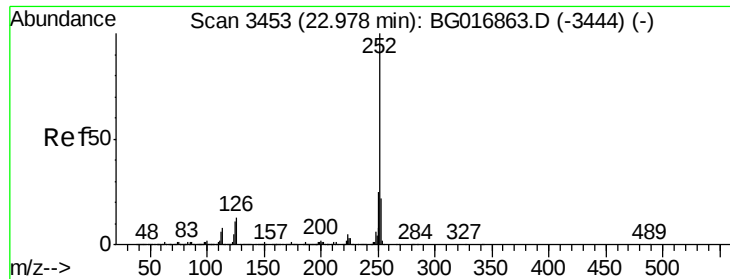


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

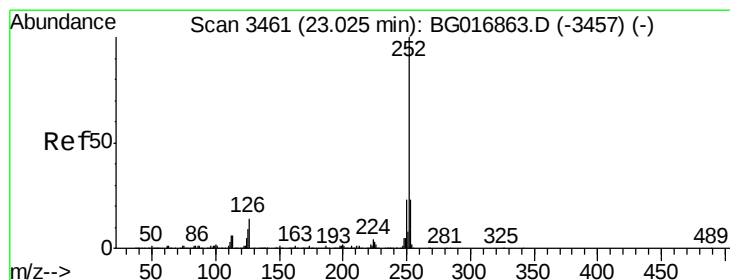
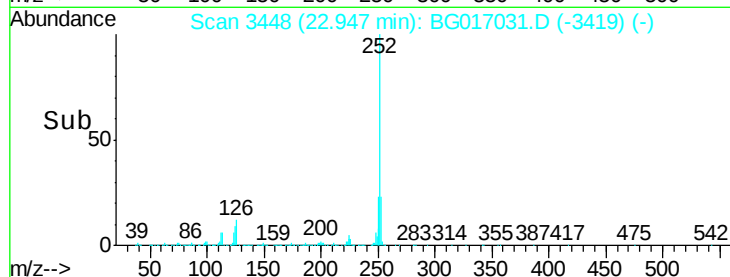
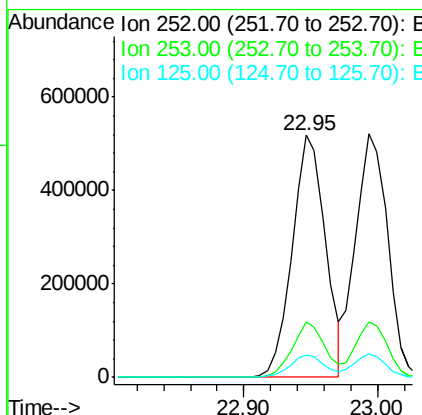
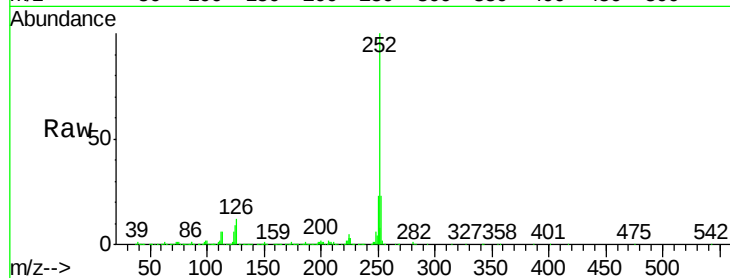




#87
Benzo(b)fluoranthene
Concen: 44.98 ng
RT: 22.95 min Scan# 3448
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

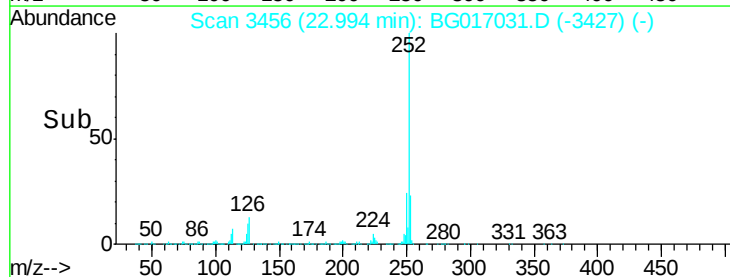
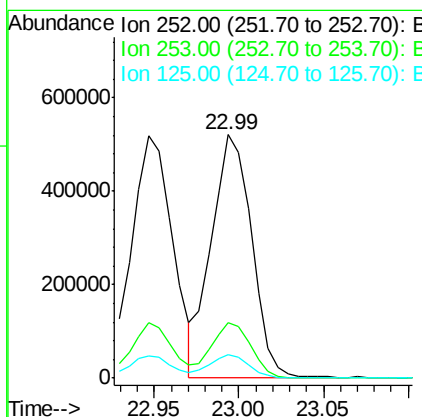
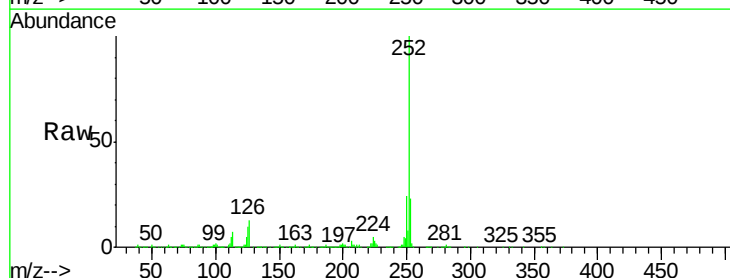
Instrument :
BNA_G
ClientSampleId :
PB83190BS

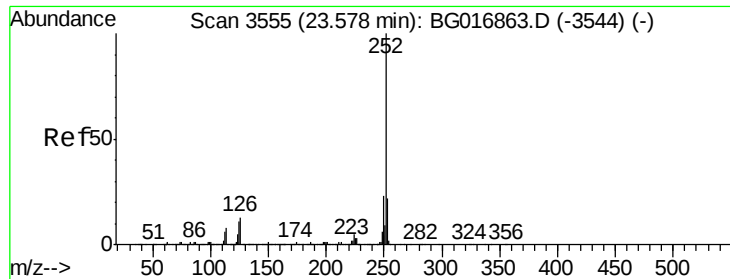
Tgt Ion:252 Resp: 887315
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 8.9 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 45.35 ng
RT: 22.99 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BG017031.D
Acq: 10 May 2015 20:07

Tgt Ion:252 Resp: 860639
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 9.9 7.9 11.9





#89

Benzo(a)pyrene

Concen: 46.67 ng

RT: 23.55 min Scan# 3550

Delta R.T. -0.03 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

PB83190BS

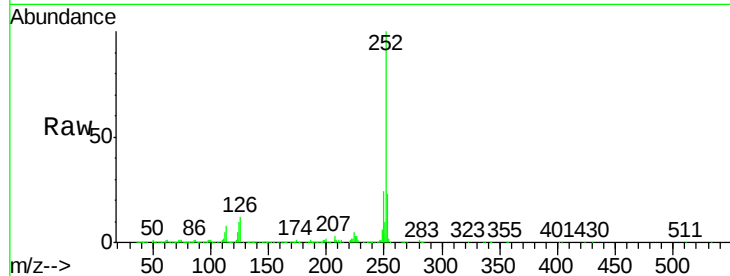
Tgt Ion:252 Resp: 858523

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

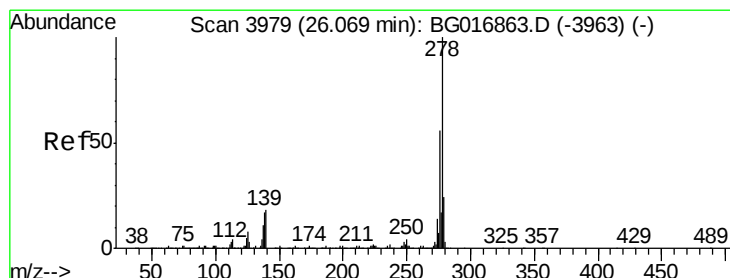
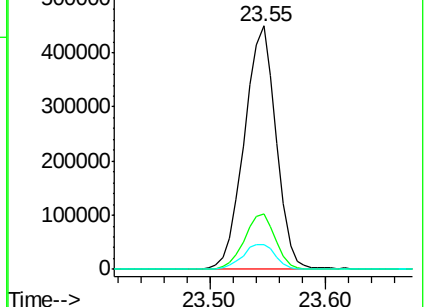
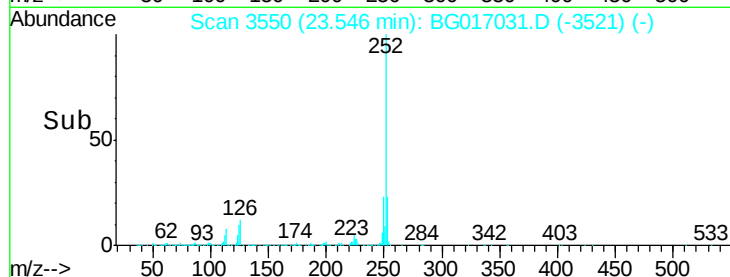
125 10.1 8.5 12.7



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: 45.10 ng

RT: 26.02 min Scan# 3971

Delta R.T. -0.05 min

Lab File: BG017031.D

Acq: 10 May 2015 20:07

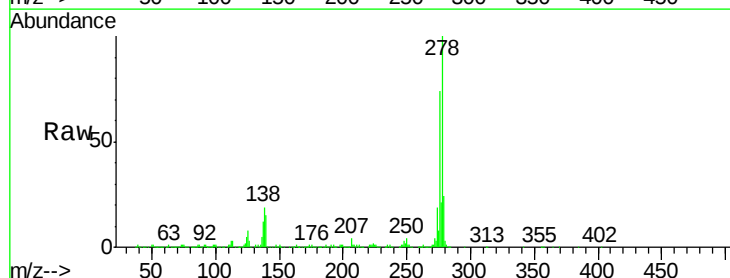
Tgt Ion:278 Resp: 847329

Ion Ratio Lower Upper

278 100

139 14.6 14.2 21.2

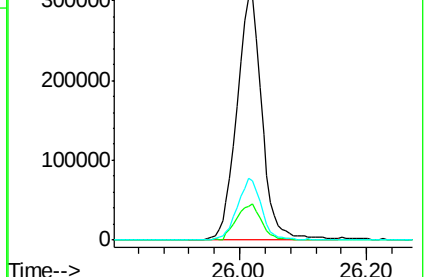
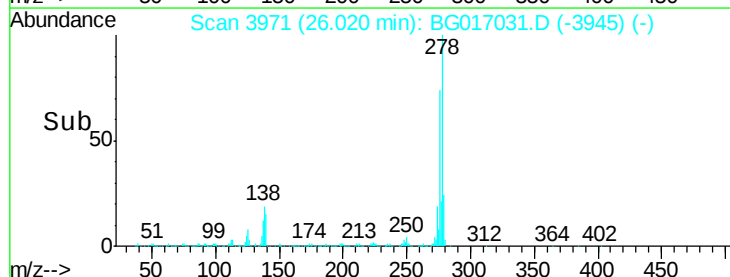
279 24.2 18.9 28.3

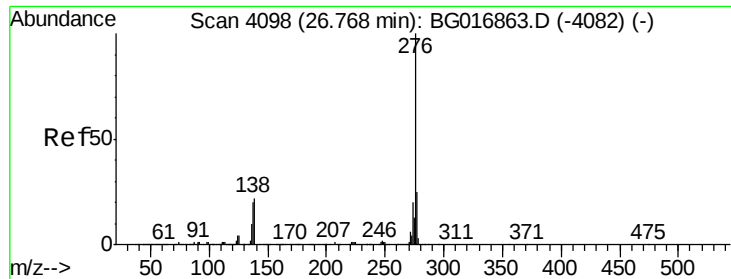


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 44.74 ng
 RT: 26.72 min Scan# 4091
 Delta R.T. -0.04 min
 Lab File: BG017031.D
 Acq: 10 May 2015 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	19.0	17.5	26.3

