

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017306.D
 Acq On : 27 May 2015 17:26
 Operator : TP/IZ
 Sample : PB83579BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Quant Time: May 28 03:21:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25995	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	104971	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	68531	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	169764	20.00	ng	0.00
75) Chrysene-d12	21.25	240	195563	20.00	ng	-0.01
86) Perylene-d12	23.50	264	190571	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	27673	18.89	ng	0.00
7) Phenol-d6	6.86	99	35764	17.39	ng	0.00
23) Nitrobenzene-d5	8.82	82	24103	10.72	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	14695	17.74	ng	-0.01
44) 2-Fluorobiphenyl	12.93	172	51888	11.11	ng	0.00
78) Terphenyl-d14	19.70	244	96758	10.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	3972	6.87	ng	97
3) Pyridine	3.53	79	9840	5.63	ng	96
4) n-Nitrosodimethylamine	3.45	42	6457	4.86	ng	# 70
6) Aniline	6.99	93	9848	3.46	ng	# 85
8) 2-Chlorophenol	7.23	128	9095	5.19	ng	97
9) Benzaldehyde	6.81	77	3974	2.08	ng	# 78
10) Phenol	6.89	94	13204	6.06	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	9058	5.54	ng	94
12) 1,3-Dichlorobenzene	7.54	146	10970	5.60	ng	99
13) 1,4-Dichlorobenzene	7.69	146	11646	5.89	ng	# 86
14) 1,2-Dichlorobenzene	8.01	146	10232	5.42	ng	93
15) Benzyl Alcohol	7.91	79	9259	4.63	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	15641	5.90	ng	92
17) 2-Methylphenol	8.13	107	8346	5.28	ng	96
18) Hexachloroethane	8.74	117	4730	5.73	ng	# 81
19) n-Nitroso-di-n-propylamine	8.47	70	7659	4.28	ng	# 90
20) 3+4-Methylphenols	8.46	107	11135	5.07	ng	82
22) Acetophenone	8.49	105	14497	5.69	ng	# 88
24) Nitrobenzene	8.86	77	12669	5.76	ng	93
25) Isophorone	9.38	82	19712	4.76	ng	98
26) 2-Nitrophenol	9.57	139	4750	4.83	ng	# 86
27) 2,4-Dimethylphenol	9.65	122	9154	5.66	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	11044	5.47	ng	93
29) 2,4-Dichlorophenol	10.13	162	9046	5.92	ng	85
30) 1,2,4-Trichlorobenzene	10.32	180	9340	5.39	ng	88
31) Naphthalene	10.50	128	29707	5.78	ng	97
32) Benzoic acid	9.76	122	2559	2.33	ng	89
33) 4-Chloroaniline	10.62	127	9326	3.84	ng	# 91
34) Hexachlorobutadiene	10.79	225	6535	5.96	ng	93
35) Caprolactam	11.37	113	3647	4.75	ng	# 88
36) 4-Chloro-3-methylphenol	11.78	107	11139	5.77	ng	97
37) 2-Methylnaphthalene	12.13	142	20918	5.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	11006	5.68	ng	97
40) Hexachlorocyclopentadiene	12.47	237	9961	8.42	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	7511	5.46	ng	91
43) 2,4,5-Trichlorophenol	12.84	196	8205	5.79	ng	89
45) 1,1'-Biphenyl	13.15	154	28943	5.86	ng	100
46) 2-Chloronaphthalene	13.18	162	21175	5.42	ng	98
47) 2-Nitroaniline	13.40	65	7943	5.22	ng	92
48) Acenaphthylene	14.04	152	37154	5.55	ng	95
49) Dimethylphthalate	13.78	163	27993	5.22	ng	# 95
50) 2,6-Dinitrotoluene	13.90	165	6211	5.23	ng	97
51) Acenaphthene	14.38	154	22053	5.58	ng	93
52) 3-Nitroaniline	14.24	138	5907	4.48	ng	# 93
53) 2,4-Dinitrophenol	14.45	184	3901	5.66	ng	# 75
54) Dibenzofuran	14.72	168	34882	5.93	ng	98
55) 4-Nitrophenol	14.59	139	10135	9.55	ng	97
56) 2,4-Dinitrotoluene	14.69	165	8623	5.21	ng	# 96
57) Fluorene	15.37	166	28728	5.52	ng	91
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7954	6.12	ng	# 93
59) Diethylphthalate	15.15	149	30992	5.38	ng	97
60) 4-Chlorophenyl-phenylether	15.36	204	15029	5.62	ng	94
61) 4-Nitroaniline	15.40	138	7681	5.23	ng	90
62) Azobenzene	15.66	77	32965	5.99	ng	94
64) 4,6-Dinitro-2-methylphenol	15.46	198	3926	3.37	ng	95
65) n-Nitrosodiphenylamine	15.58	169	25301	4.85	ng	97
66) 4-Bromophenyl-phenylether	16.26	248	9321	5.03	ng	94
67) Hexachlorobenzene	16.37	284	10923	5.59	ng	91
68) Atrazine	16.54	200	11170	5.86	ng	87
69) Pentachlorophenol	16.73	266	9264	7.60	ng	93
70) Phenanthrene	17.11	178	49535	5.66	ng	98
71) Anthracene	17.20	178	49908	5.63	ng	93
72) Carbazole	17.48	167	46503	5.70	ng	98
73) Di-n-butylphthalate	18.04	149	61364	5.63	ng	97
74) Fluoranthene	19.13	202	59654	5.67	ng	96
76) Benzidine	19.32	184	26803	4.20	ng	# 93
77) Pyrene	19.49	202	63355	5.28	ng	99
79) Butylbenzylphthalate	20.39	149	28555	5.23	ng	95
80) Benzo(a)anthracene	21.24	228	64554	5.76	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	18456	4.26	ng	# 97
82) Chrysene	21.29	228	59199	5.67	ng	96
83) Bis(2-ethylhexyl)phthalate	21.17	149	40699	5.25	ng	95
84) Di-n-octyl phthalate	22.04	149	68267	5.29	ng	# 98
85) Indeno(1,2,3-cd)pyrene	25.78	276	64694	5.18	ng	97
87) Benzo(b)fluoranthene	22.81	252	59310	5.34	ng	97
88) Benzo(k)fluoranthene	22.86	252	60909	5.78	ng	96
89) Benzo(a)pyrene	23.40	252	55580	5.45	ng	# 98
90) Dibenzo(a,h)anthracene	25.79	278	53499	5.11	ng	# 95
91) Benzo(g,h,i)perylene	26.49	276	52798	5.36	ng	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

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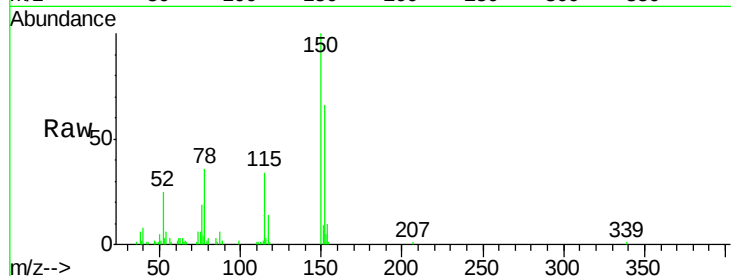
Tgt Ion:152 Resp: 25995

Ion Ratio Lower Upper

152 100

150 152.6 120.8 181.2

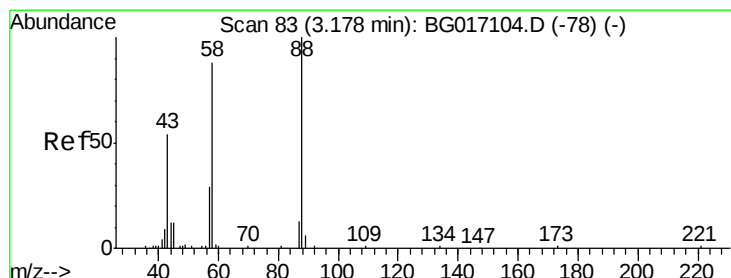
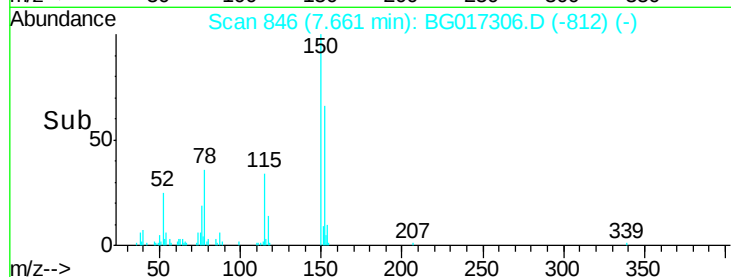
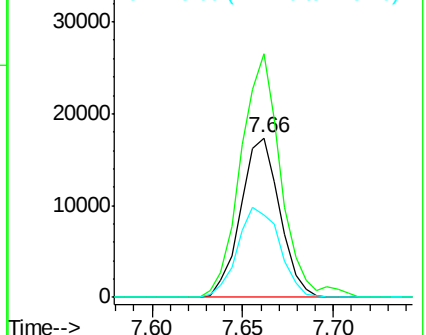
115 52.0 49.4 74.2



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: 6.87 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

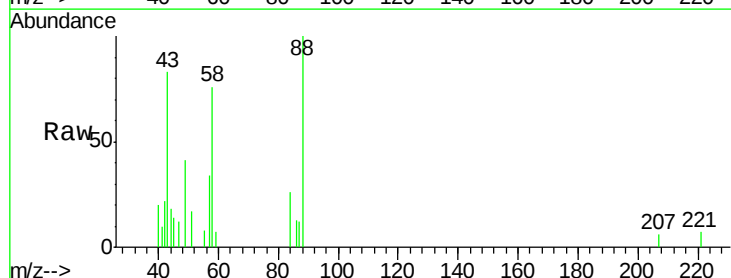
Tgt Ion: 88 Resp: 3972

Ion Ratio Lower Upper

88 100

58 89.4 68.6 103.0

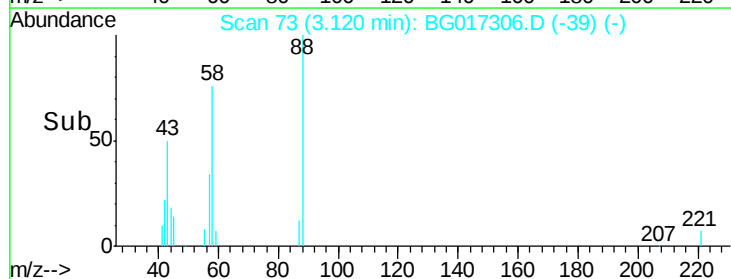
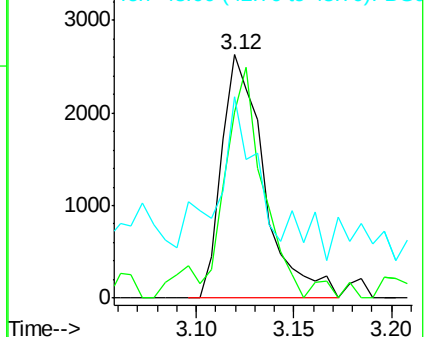
43 50.5 40.3 60.5



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: 5.63 ng

RT: 3.53 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

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PB83579BSD

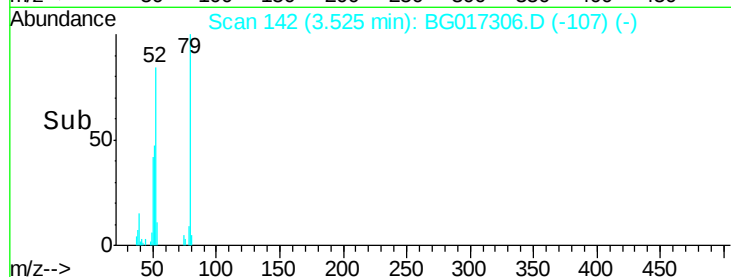
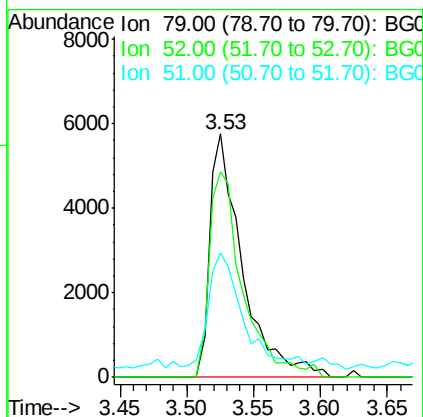
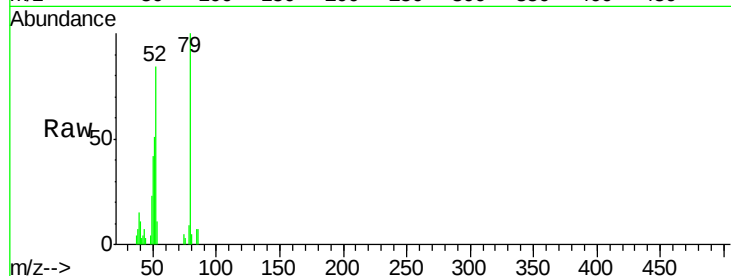
Tgt Ion: 79 Resp: 9840

Ion Ratio Lower Upper

79 100

52 84.4 72.2 108.2

51 51.3 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 4.86 ng

RT: 3.45 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

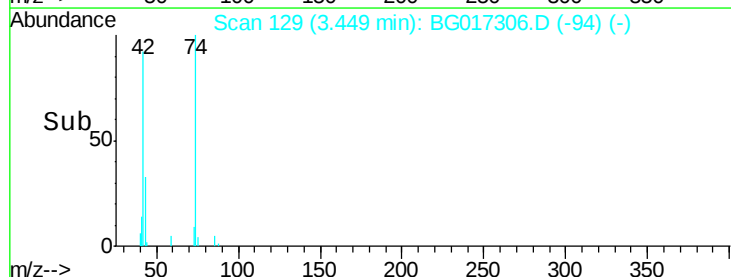
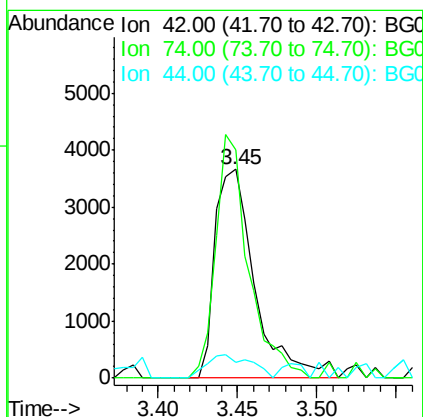
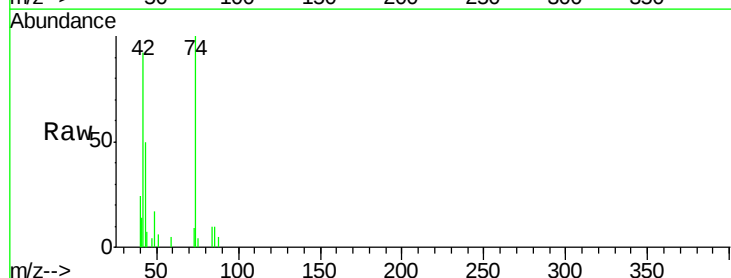
Tgt Ion: 42 Resp: 6457

Ion Ratio Lower Upper

42 100

74 109.3 65.2 97.8#

44 7.7 3.2 4.8#





#5

2-Fluorophenol

Concen: 18.89 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

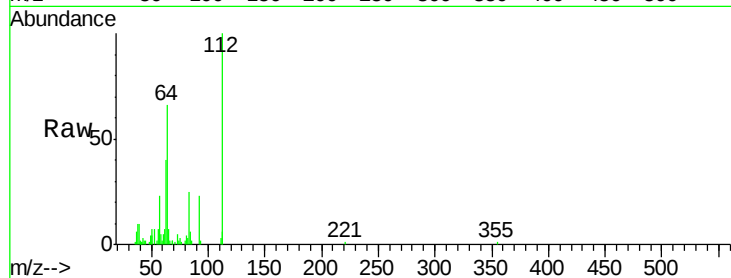
Tgt Ion: 112 Resp: 27673

Ion Ratio Lower Upper

112 100

64 65.6 48.1 72.1

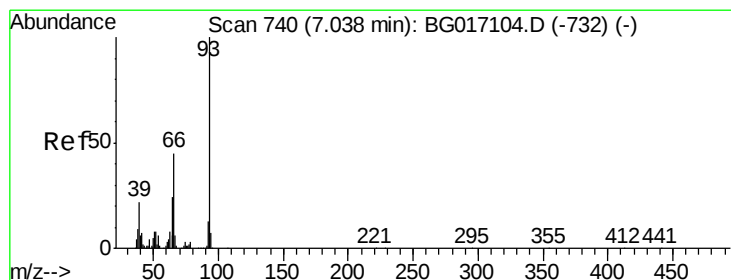
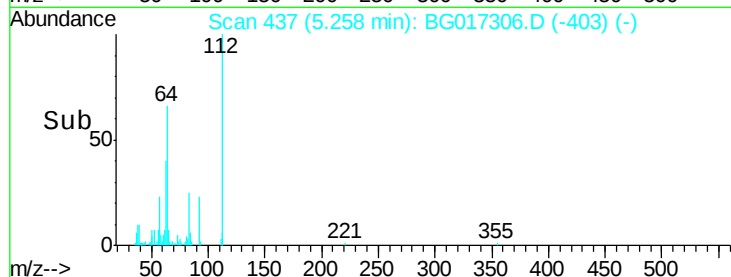
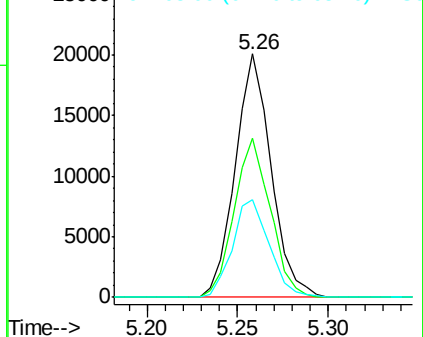
63 40.1 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.46 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

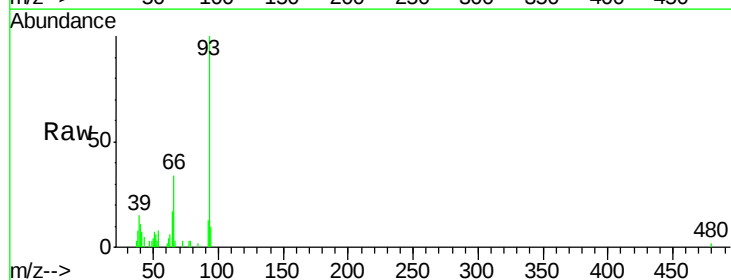
Tgt Ion: 93 Resp: 9848

Ion Ratio Lower Upper

93 100

66 34.5 35.8 53.8#

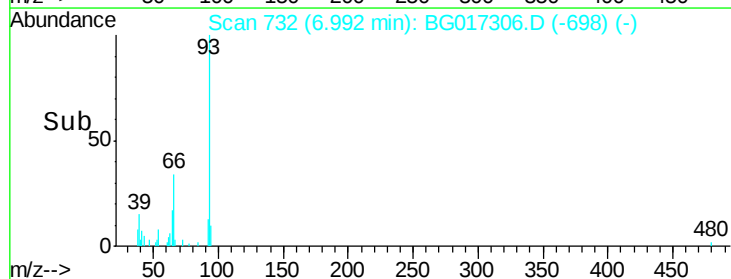
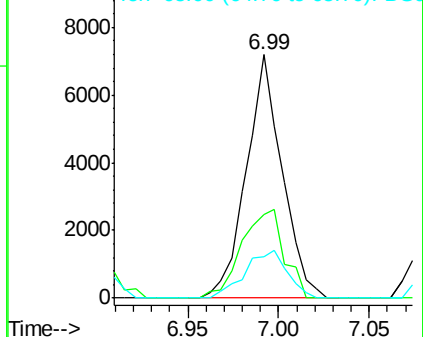
65 17.1 19.2 28.8#

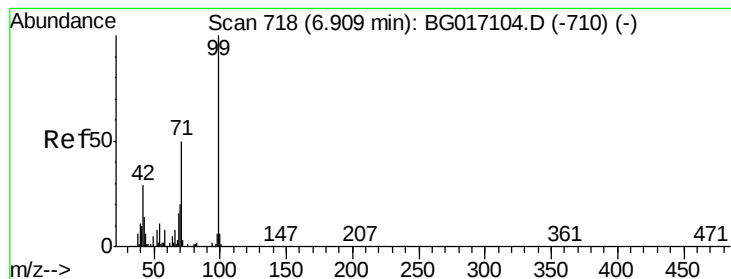


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 17.39 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

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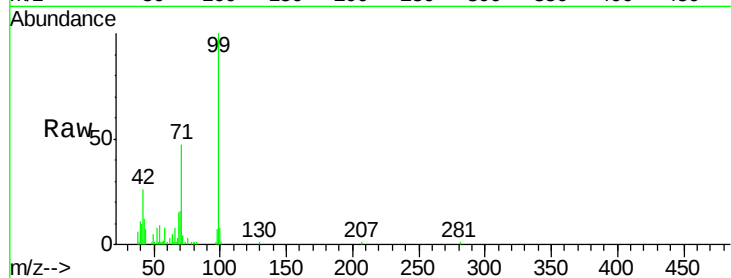
Tgt Ion: 99 Resp: 35764

Ion Ratio Lower Upper

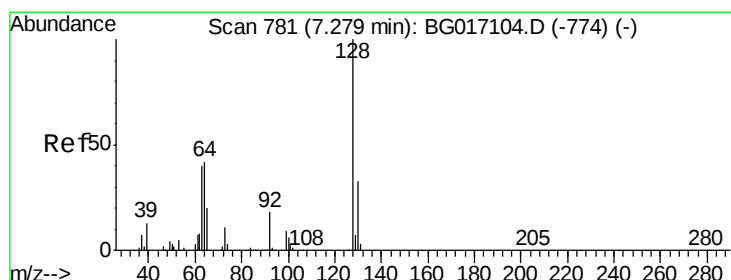
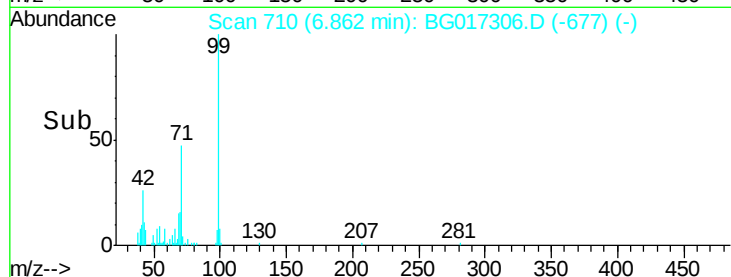
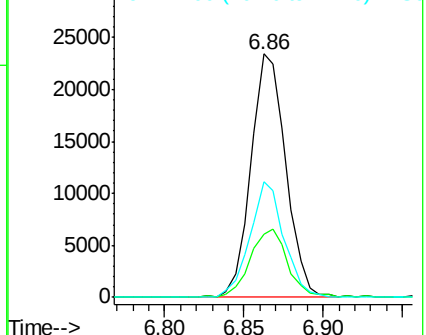
99 100

42 26.1 23.5 35.3

71 47.3 39.8 59.8



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: 5.19 ng

RT: 7.23 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

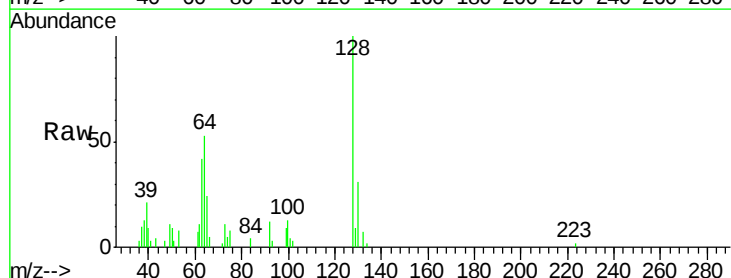
Tgt Ion: 128 Resp: 9095

Ion Ratio Lower Upper

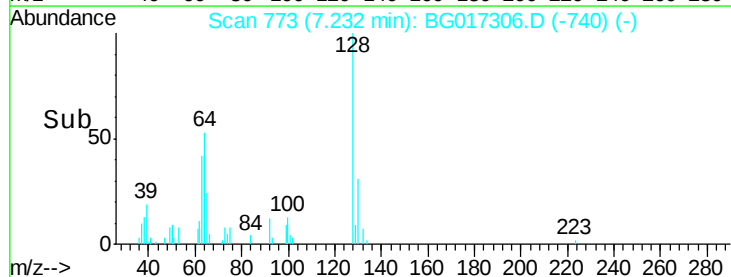
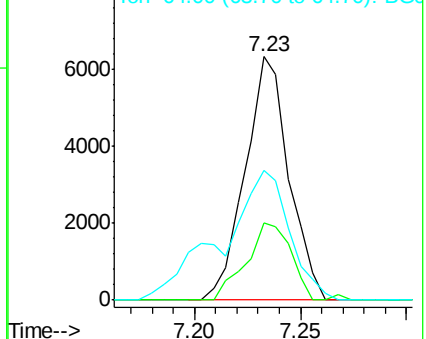
128 100

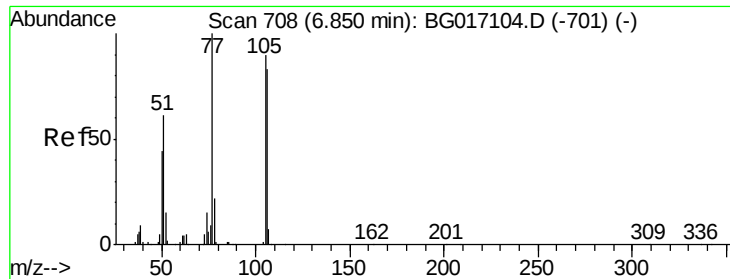
130 31.5 13.3 53.3

64 53.3 30.9 70.9



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: 2.08 ng

RT: 6.81 min Scan# 701

Delta R.T. 0.01 min

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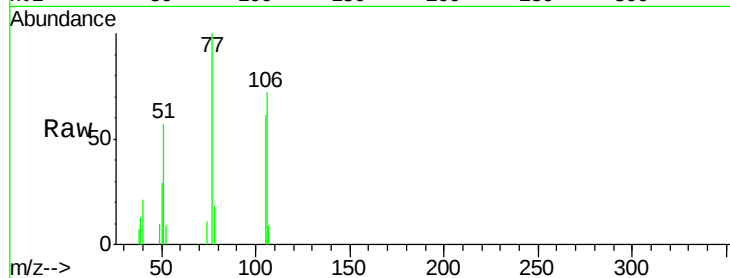
Tgt Ion: 77 Resp: 3974

Ion Ratio Lower Upper

77 100

105 61.0 69.5 109.5#

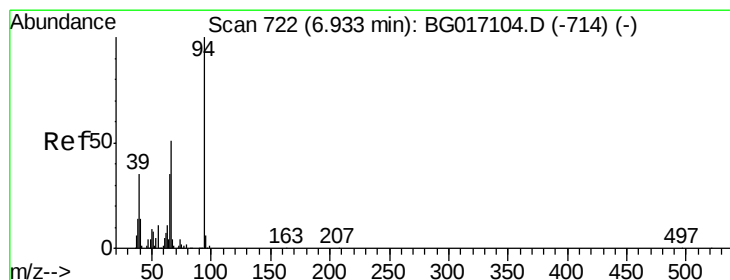
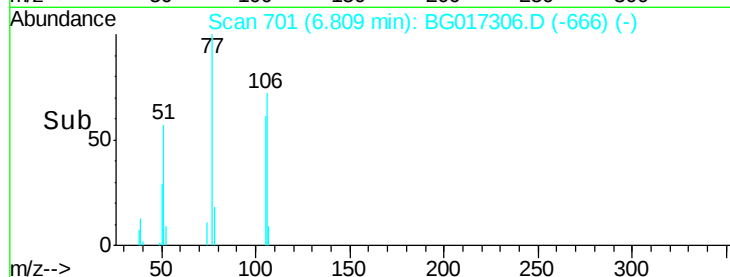
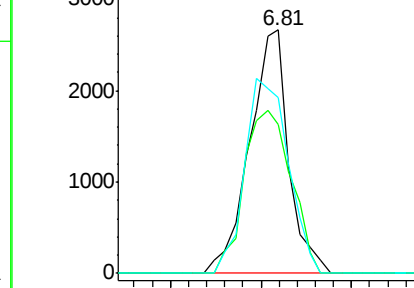
106 72.3 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.06 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

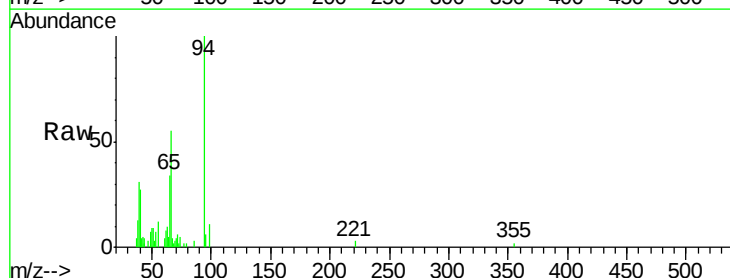
Tgt Ion: 94 Resp: 13204

Ion Ratio Lower Upper

94 100

65 33.8 15.0 55.0

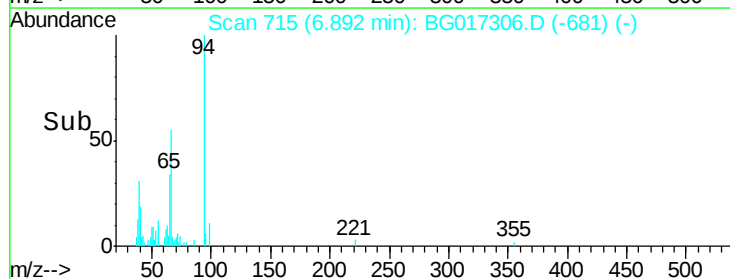
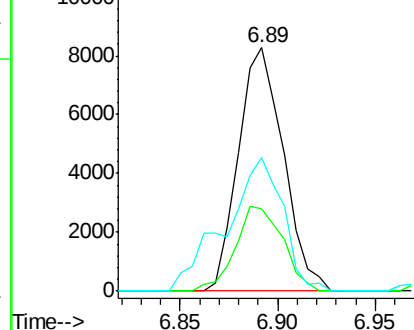
66 54.9 32.1 72.1

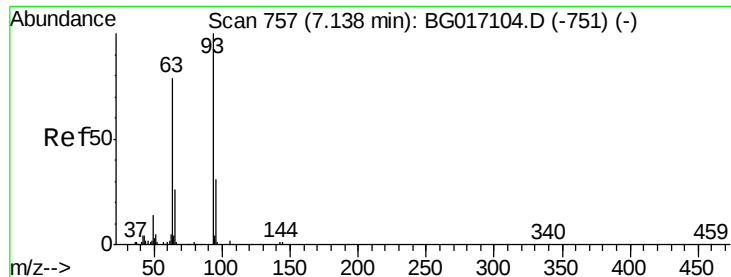


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

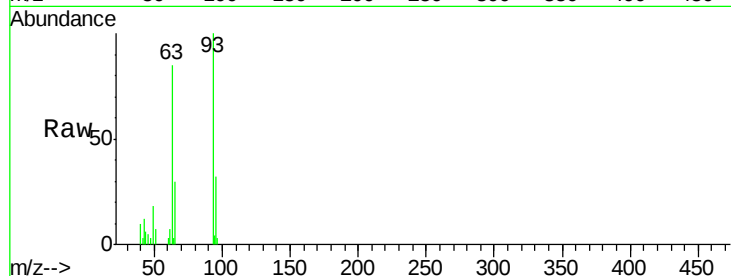




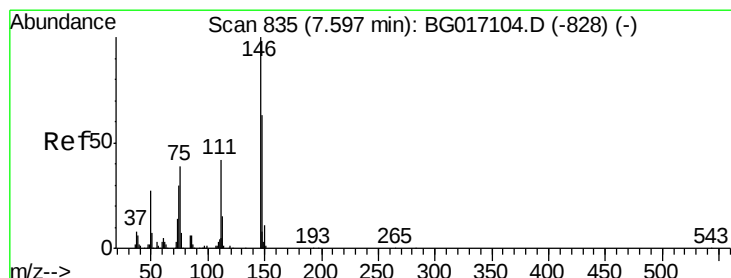
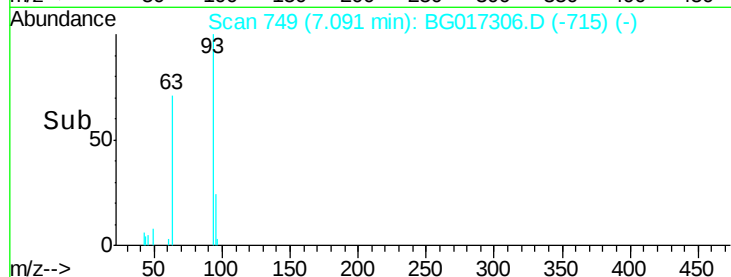
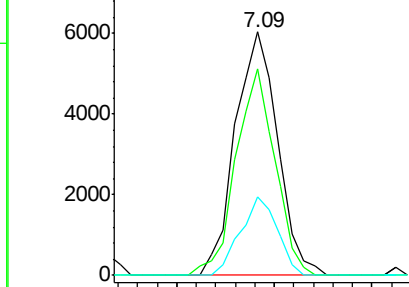
#11
bis(2-Chloroethyl)ether
Concen: 5.54 ng
RT: 7.09 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:	93	Resp:	9058
Ion	Ratio	Lower	Upper
93	100		
63	84.6	58.5	98.5
95	32.0	11.0	51.0

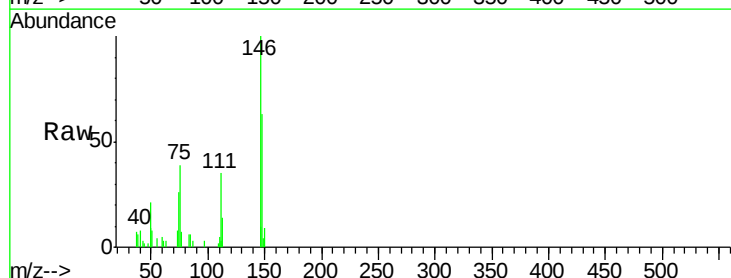


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

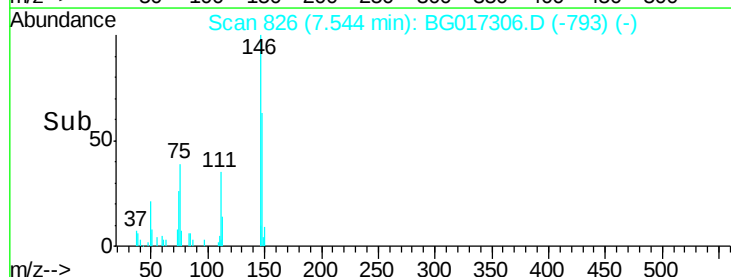
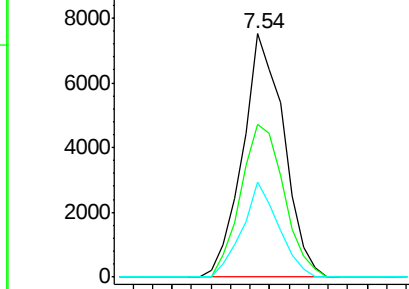


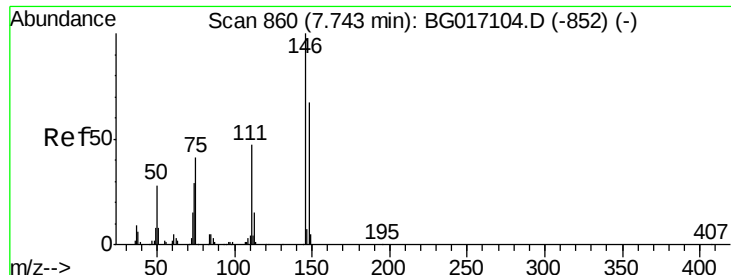
#12
1,3-Dichlorobenzene
Concen: 5.60 ng
RT: 7.54 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:	146	Resp:	10970
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
75	39.0	31.4	47.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

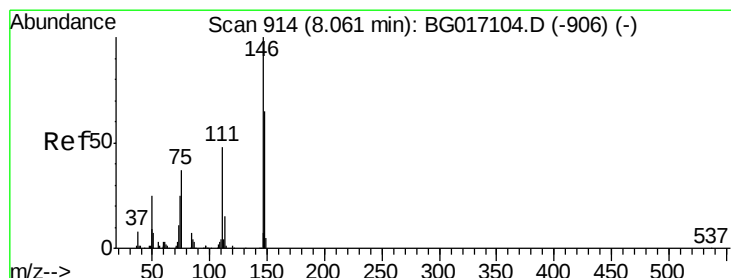
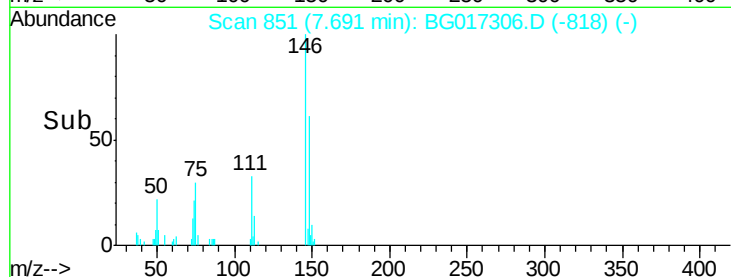
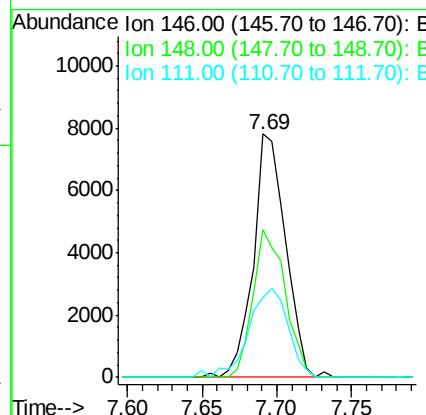
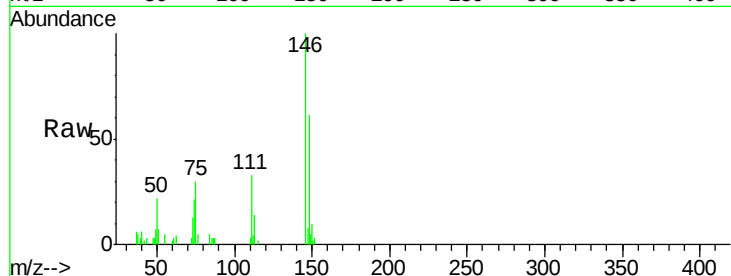




#13
 1,4-Dichlorobenzene
 Concen: 5.89 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

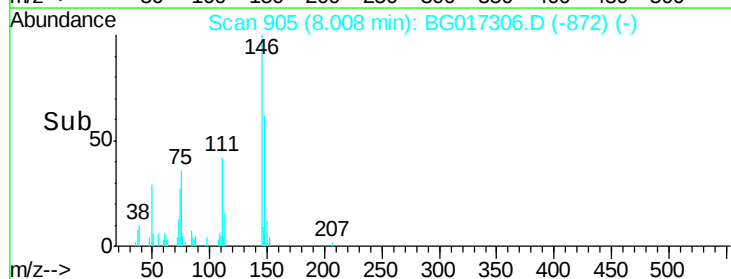
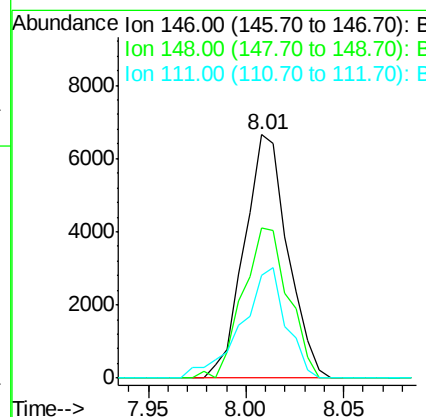
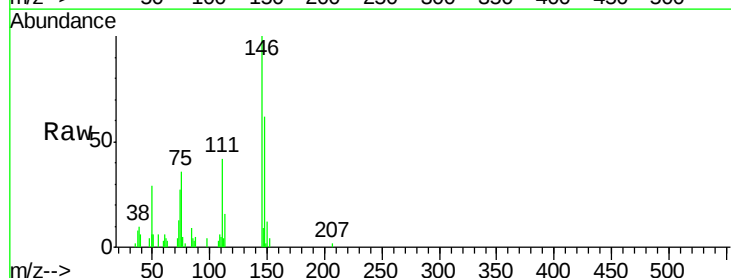
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

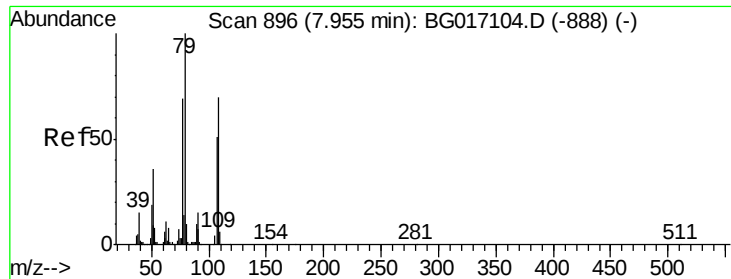
Tgt Ion:146 Resp: 11646
 Ion Ratio Lower Upper
 146 100
 148 60.8 53.9 80.9
 111 32.5 37.9 56.9#



#14
 1,2-Dichlorobenzene
 Concen: 5.42 ng
 RT: 8.01 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:146 Resp: 10232
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.3 78.5
 111 42.4 39.0 58.4





#15

Benzyl Alcohol

Concen: 4.63 ng

RT: 7.91 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

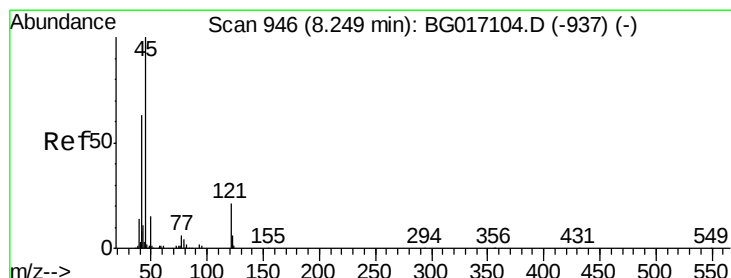
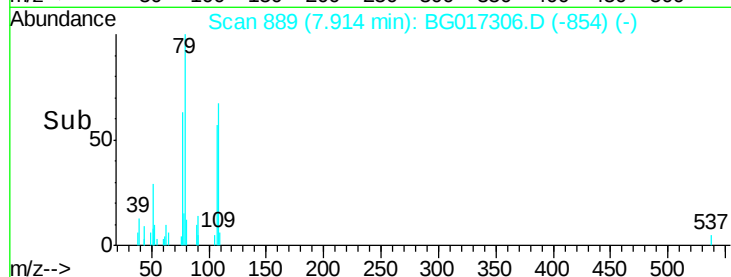
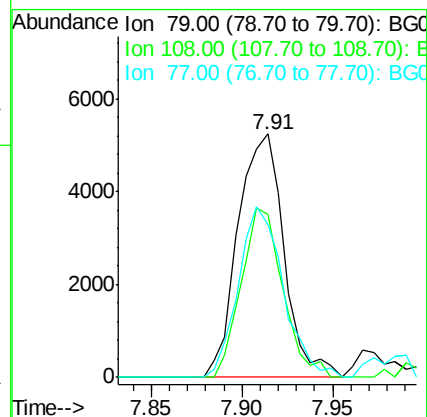
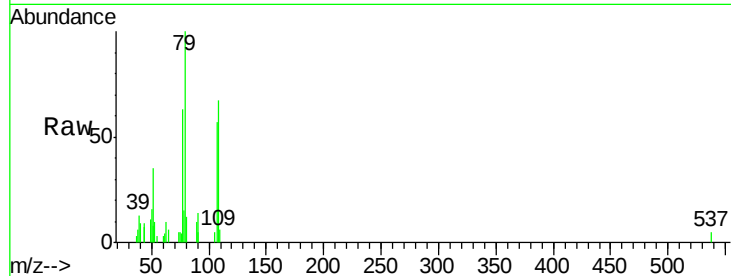
Tgt Ion: 79 Resp: 9259

Ion Ratio Lower Upper

79 100

108 66.7 55.8 83.6

77 62.6 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.90 ng

RT: 8.20 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

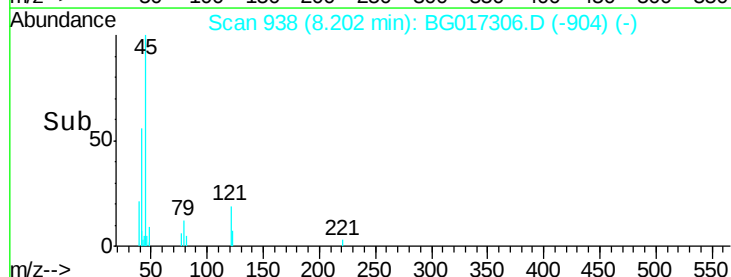
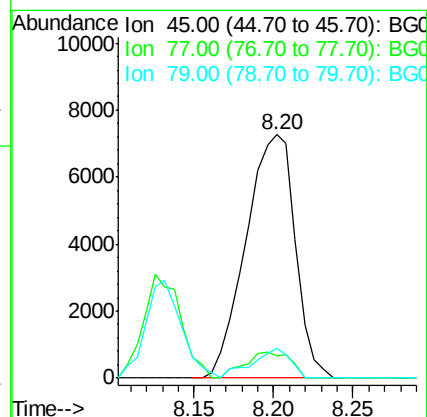
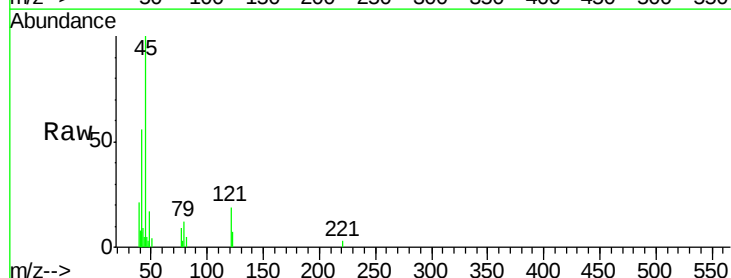
Tgt Ion: 45 Resp: 15641

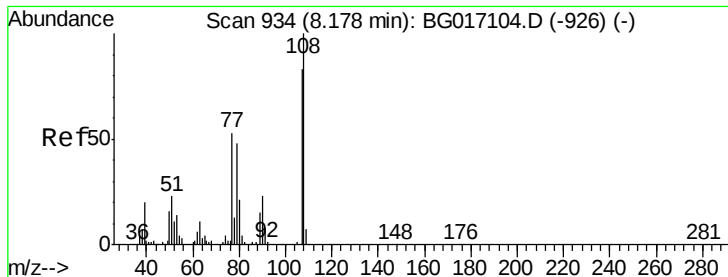
Ion Ratio Lower Upper

45 100

77 9.1 0.0 32.5

79 12.2 0.0 29.4

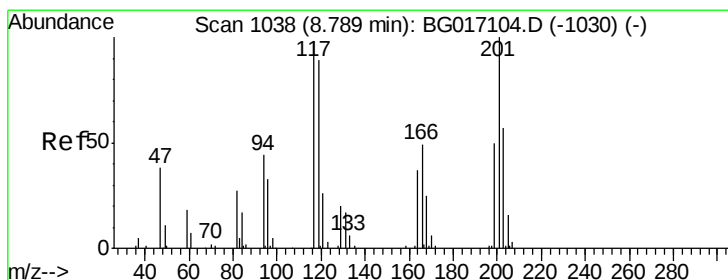
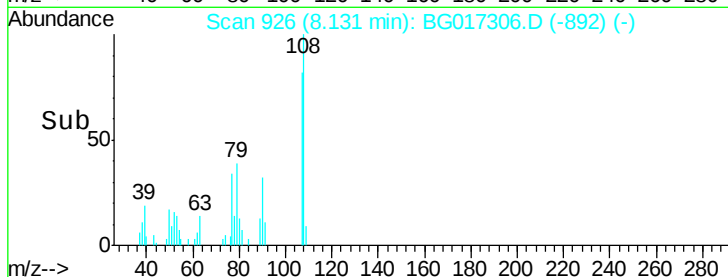
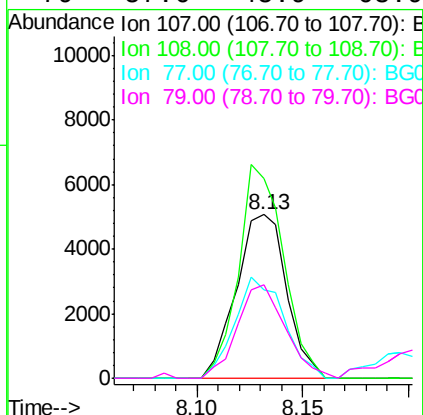
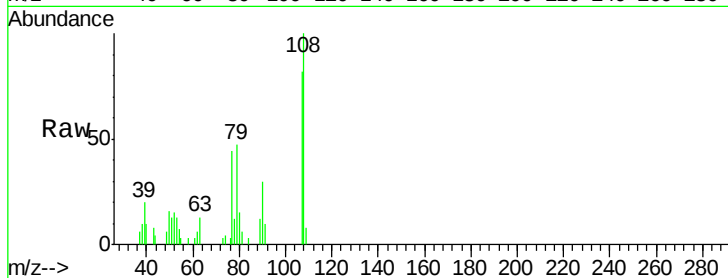




#17
 2-Methylphenol
 Concen: 5.28 ng
 RT: 8.13 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

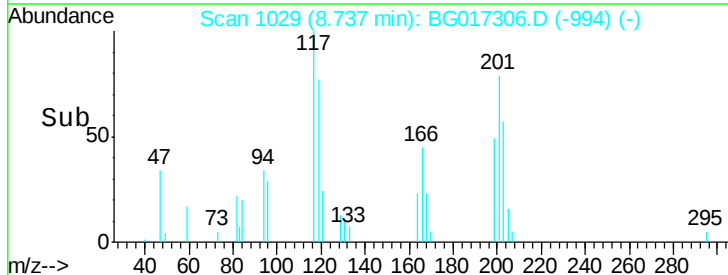
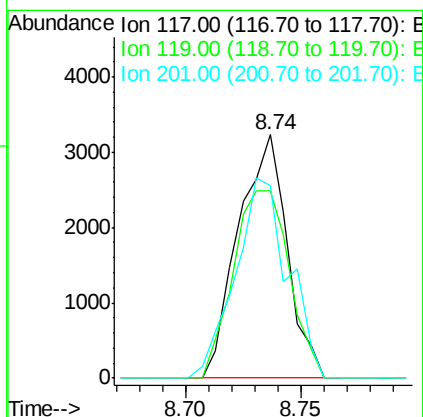
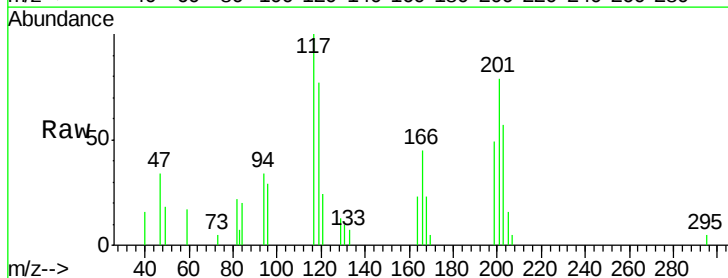
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

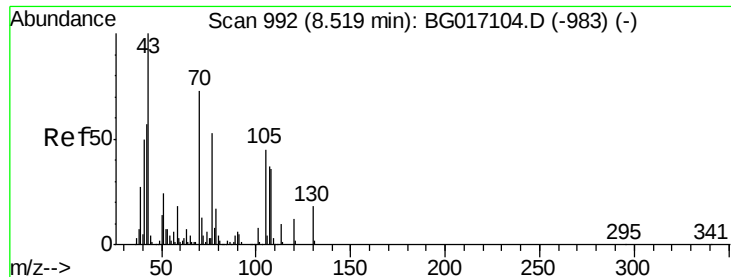
Tgt Ion:	107	Resp:	8346
Ion	Ratio	Lower	Upper
107	100		
108	122.0	96.6	144.8
77	53.9	51.2	76.8
79	57.6	45.9	68.9



#18
 Hexachloroethane
 Concen: 5.73 ng
 RT: 8.74 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:	117	Resp:	4730
Ion	Ratio	Lower	Upper
117	100		
119	77.0	73.0	109.6
201	79.1	81.7	122.5#

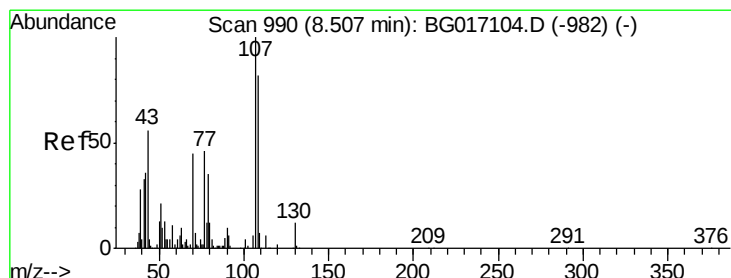
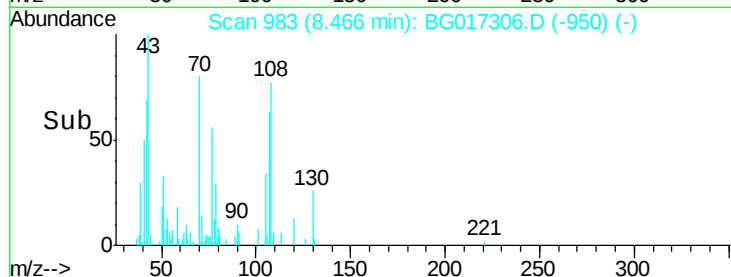
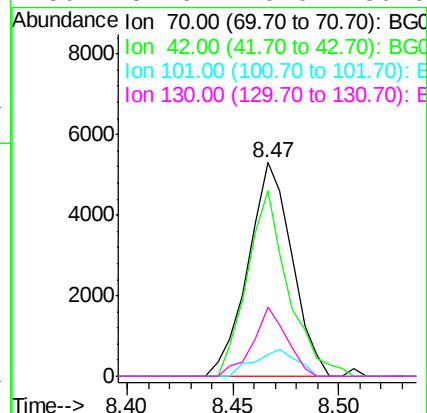
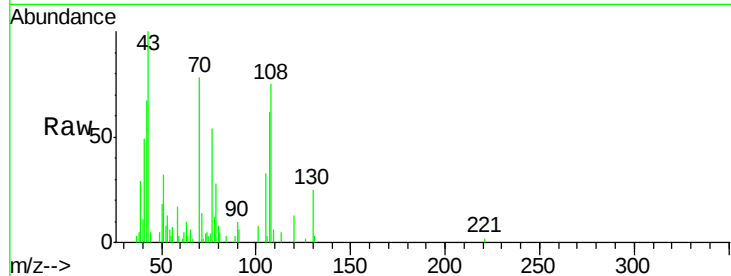




#19
n-Nitroso-di-n-propylamine
Concen: 4.28 ng
RT: 8.47 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

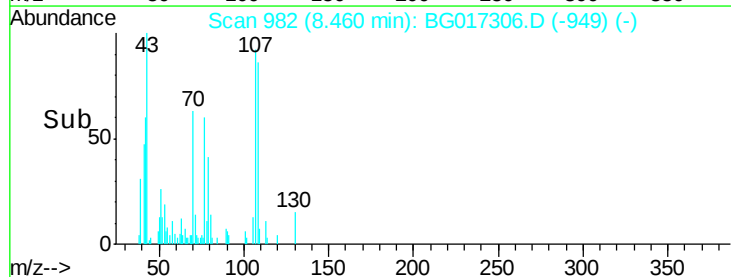
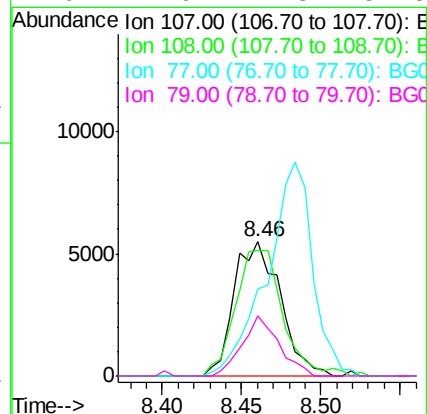
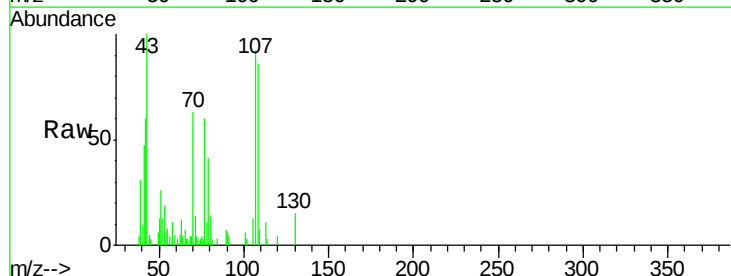
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion: 70 Resp: 7659
Ion Ratio Lower Upper
70 100
42 86.9 62.6 94.0
101 10.3 9.0 13.4
130 32.6 20.0 30.0#



#20
3+4-Methylphenols
Concen: 5.07 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion: 107 Resp: 11135
Ion Ratio Lower Upper
107 100
108 93.3 62.2 102.2
77 65.0 26.0 66.0
79 44.9 14.8 54.8

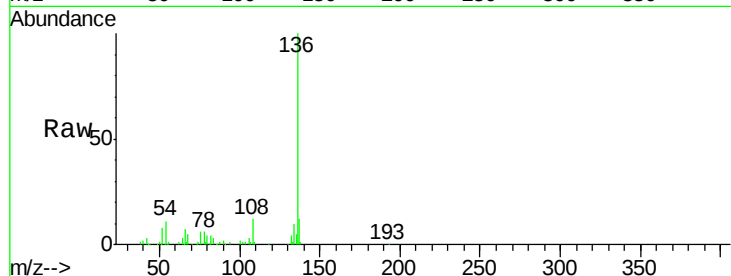




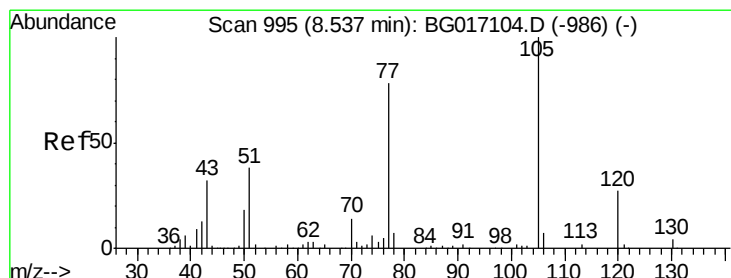
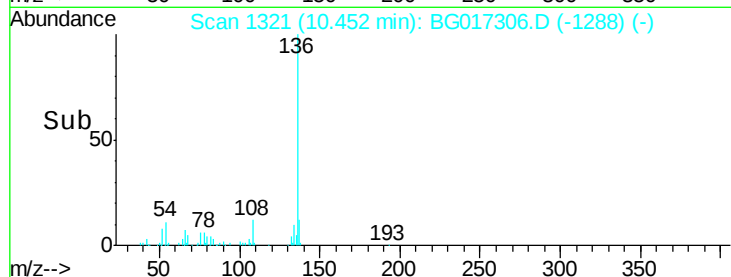
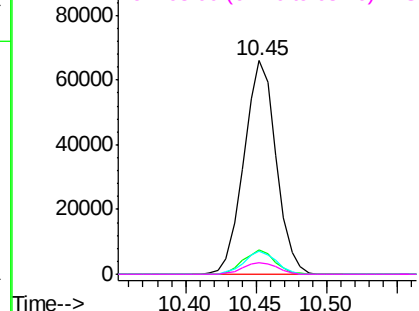
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:	136	Resp:	104971
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.3	12.5
54	10.8	7.4	11.2
68	5.3	3.6	5.4

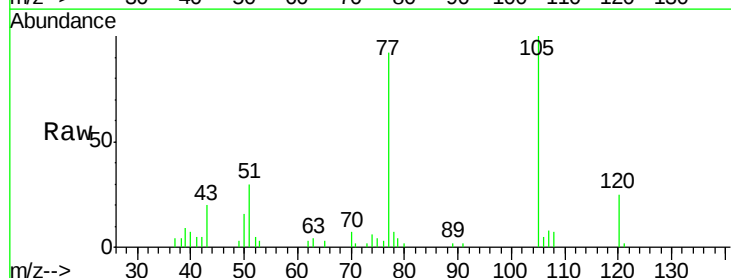


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

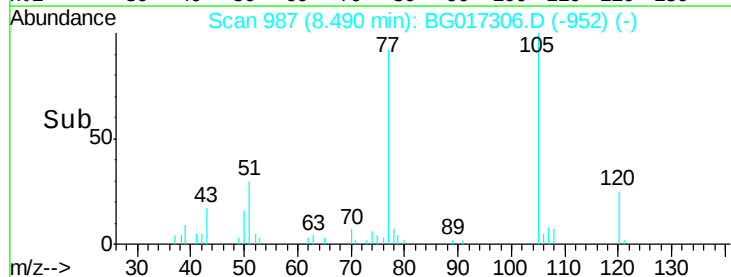
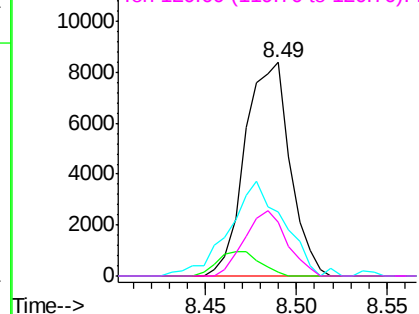


#22
Acetophenone
Concen: 5.69 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:	105	Resp:	14497
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.2	3.4#
51	29.8	32.8	49.2#
120	25.2	21.8	32.6



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

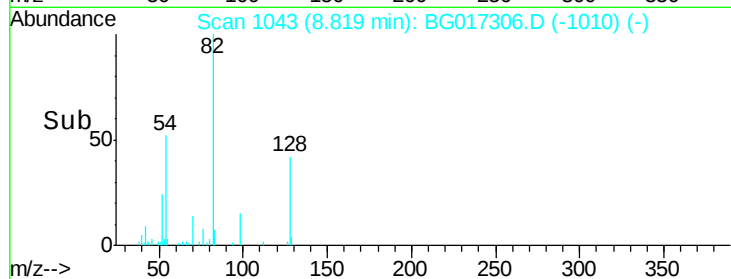
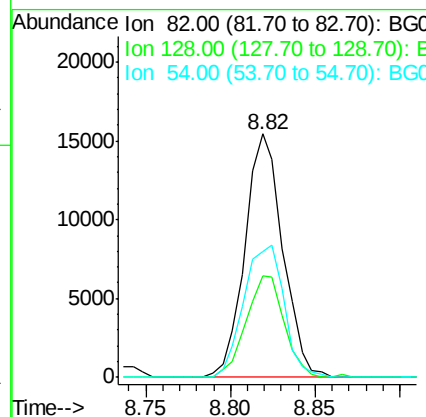
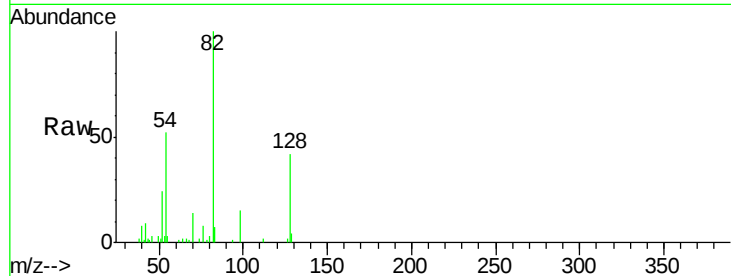




#23
 Nitrobenzene-d5
 Concen: 10.72 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

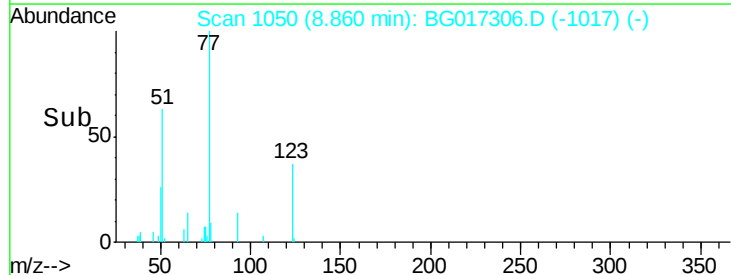
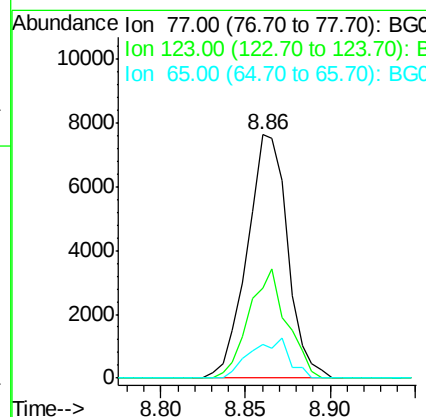
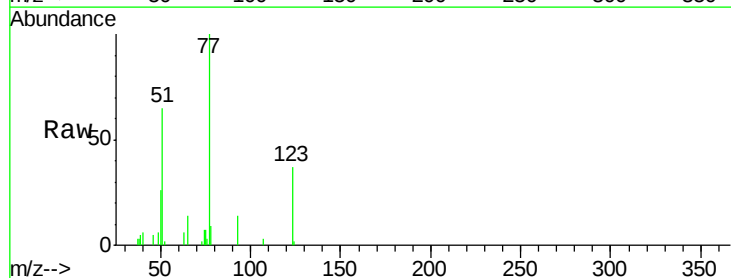
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.6	49.0
54	51.9	49.6	74.4



#24
 Nitrobenzene
 Concen: 5.76 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	33.0	49.4
65	14.0	13.3	19.9





#25

Isophorone

Concen: 4.76 ng

RT: 9.38 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

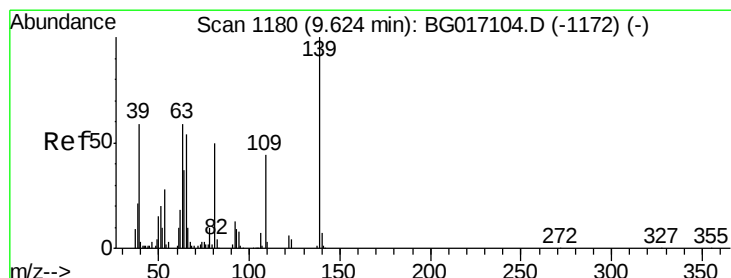
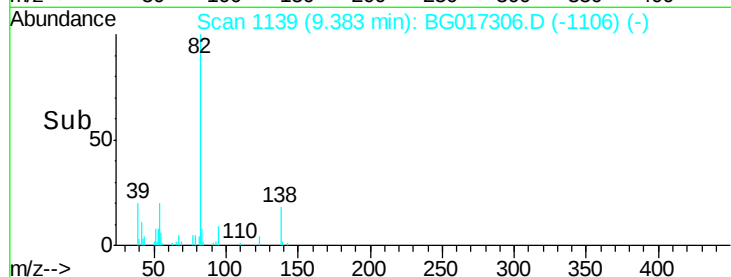
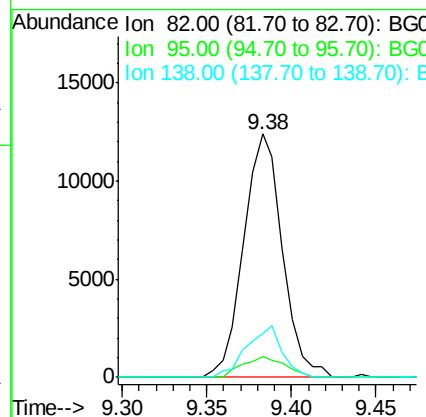
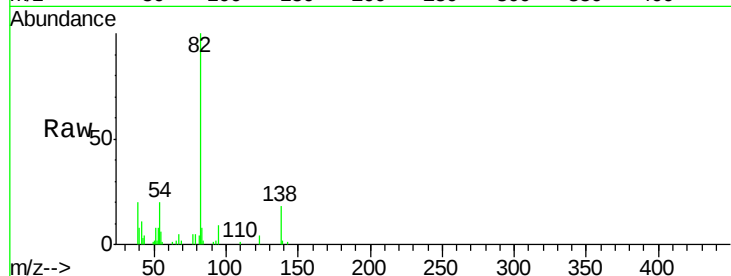
Tgt Ion: 82 Resp: 19712

Ion Ratio Lower Upper

82 100

95 8.6 7.7 11.5

138 18.1 15.0 22.6



#26

2-Nitrophenol

Concen: 4.83 ng

RT: 9.57 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

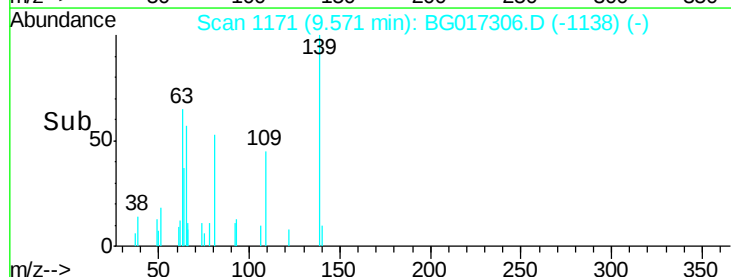
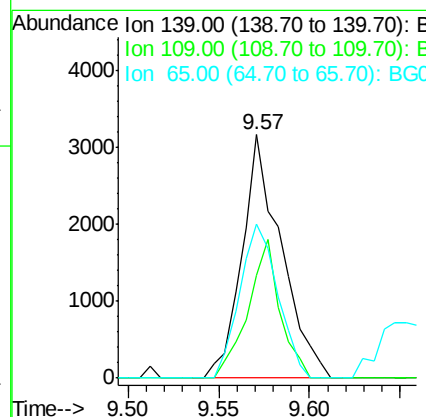
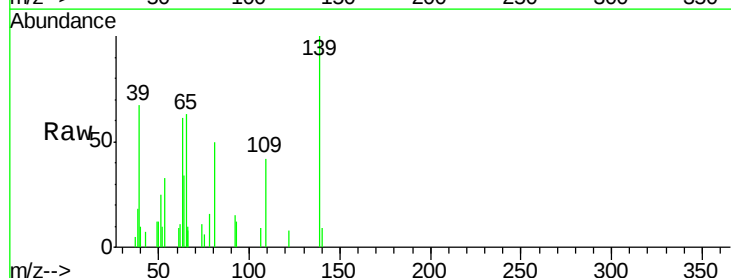
Tgt Ion: 139 Resp: 4750

Ion Ratio Lower Upper

139 100

109 42.3 34.9 52.3

65 71.2 43.0 64.4#

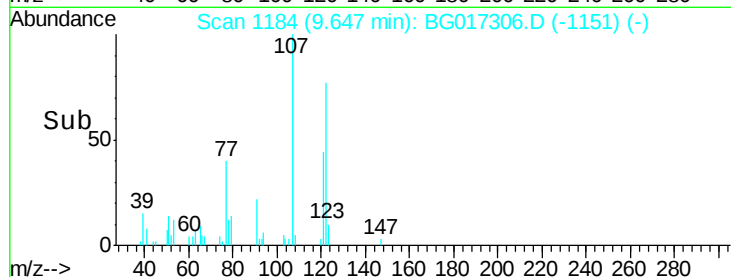
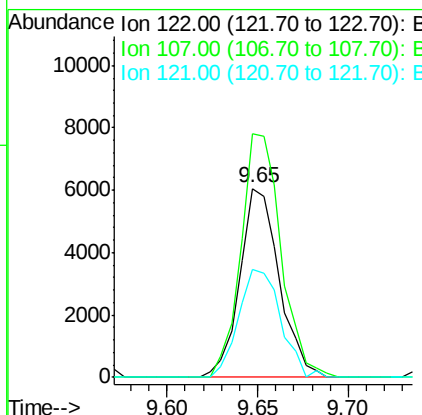
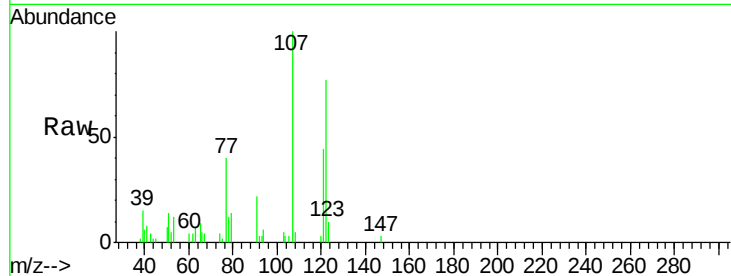




#27
 2,4-Dimethylphenol
 Concen: 5.66 ng
 RT: 9.65 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

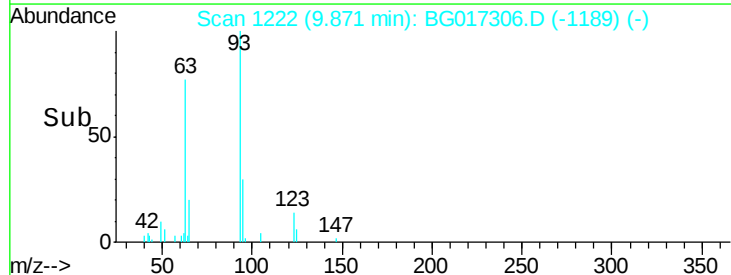
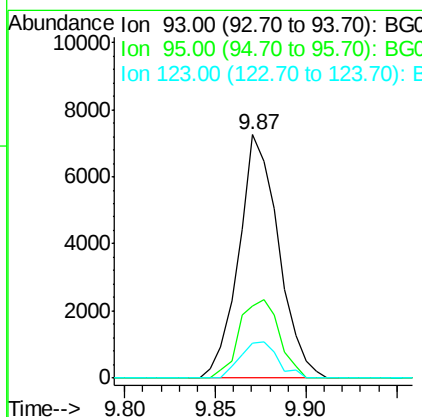
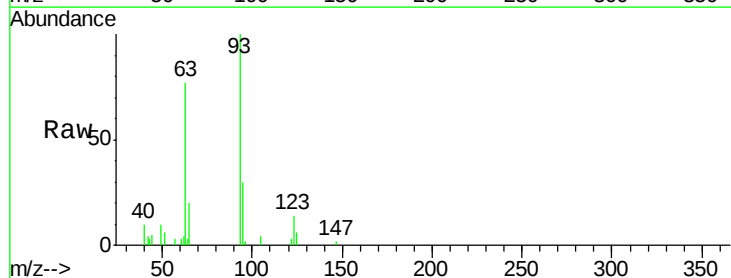
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

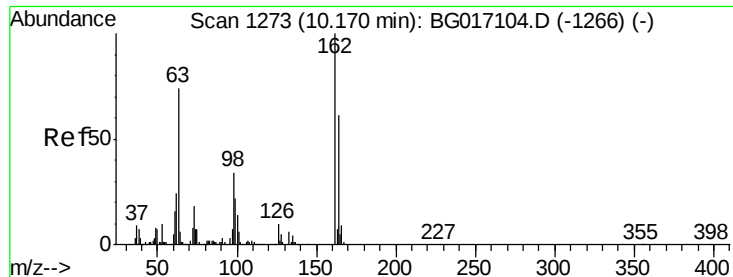
Tgt Ion:122 Resp: 9154
 Ion Ratio Lower Upper
 122 100
 107 129.1 102.3 153.5
 121 56.9 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.47 ng
 RT: 9.87 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion: 93 Resp: 11044
 Ion Ratio Lower Upper
 93 100
 95 29.8 28.0 42.0
 123 14.3 10.3 15.5

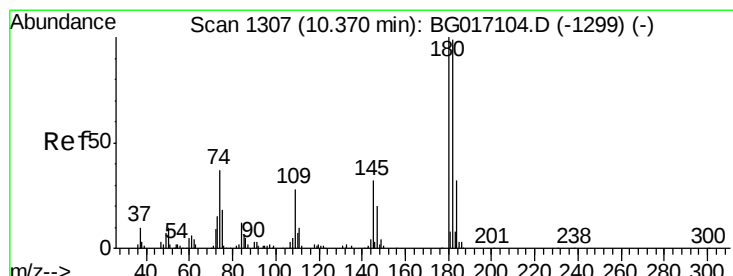
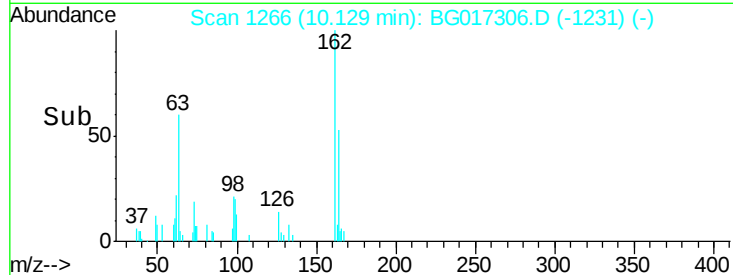
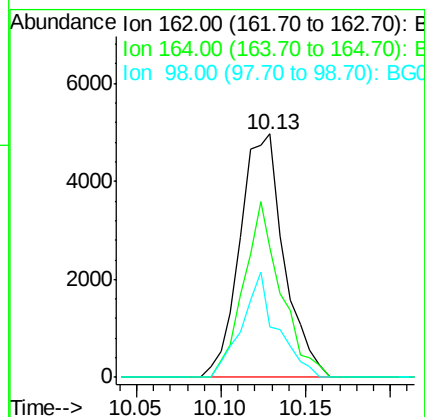
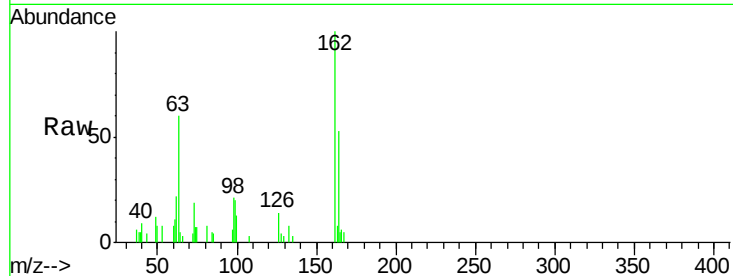




#29
2,4-Dichlorophenol
Concen: 5.92 ng
RT: 10.13 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

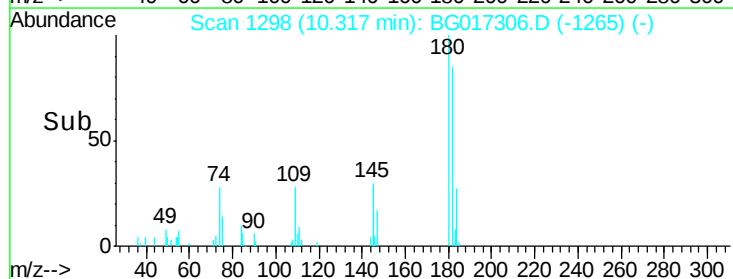
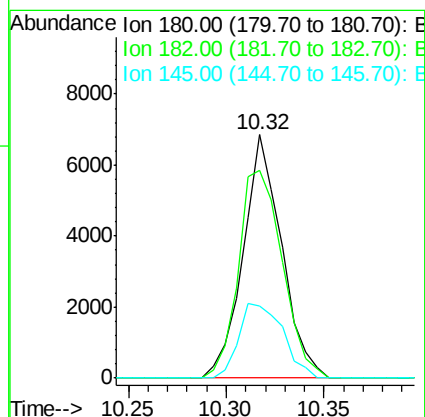
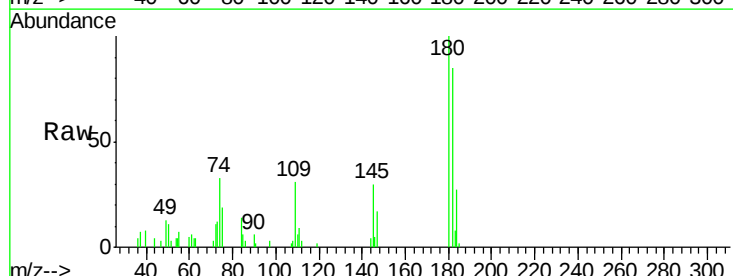
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:162 Resp: 9046
Ion Ratio Lower Upper
162 100
164 53.0 41.4 81.4
98 20.8 14.3 54.3



#30
1,2,4-Trichlorobenzene
Concen: 5.39 ng
RT: 10.32 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:180 Resp: 9340
Ion Ratio Lower Upper
180 100
182 85.1 79.4 119.0
145 29.7 25.3 37.9

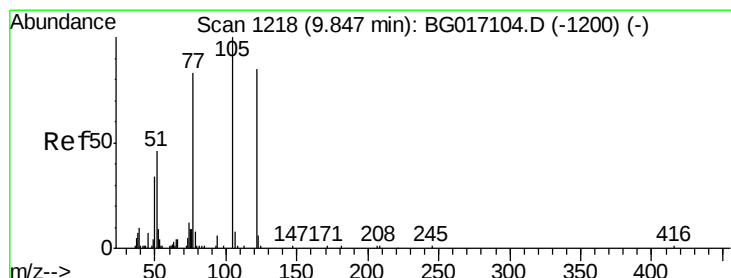
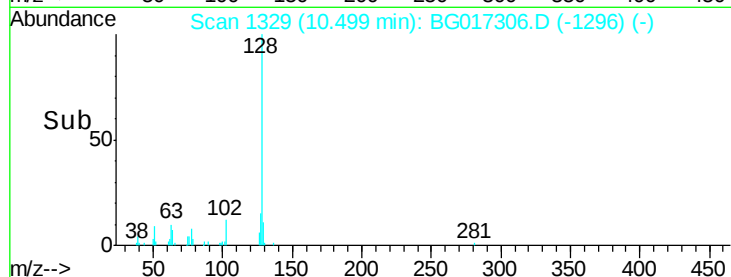
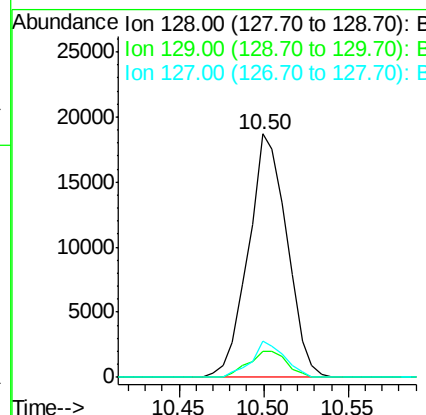
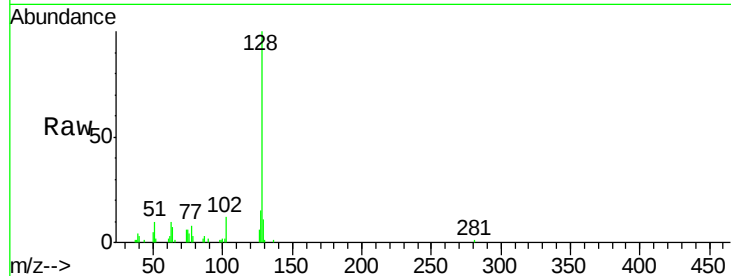




#31
Naphthalene
Concen: 5.78 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

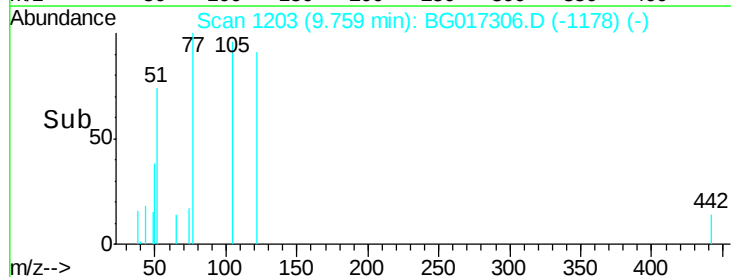
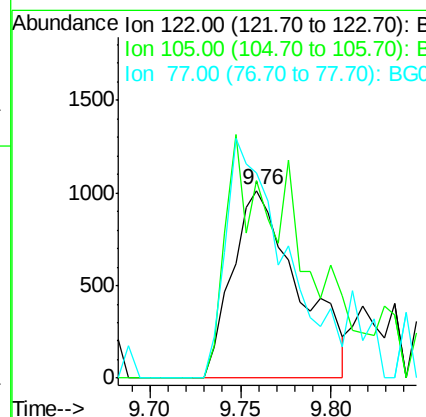
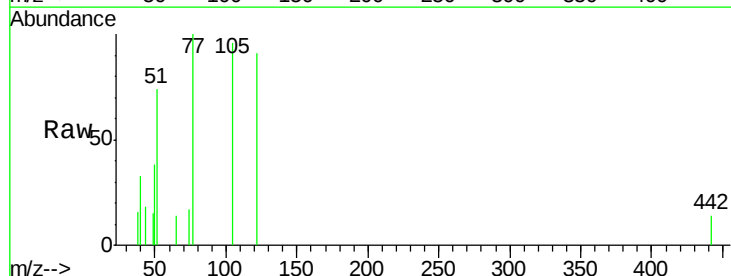
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:	128	Resp:	29707
Ion	Ratio	Lower	Upper
128	100		
129	10.7	7.6	11.4
127	14.7	10.6	16.0



#32
Benzoic acid
Concen: 2.33 ng
RT: 9.76 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:	122	Resp:	2559
Ion	Ratio	Lower	Upper
122	100		
105	105.5	96.7	136.7
77	109.9	78.5	118.5

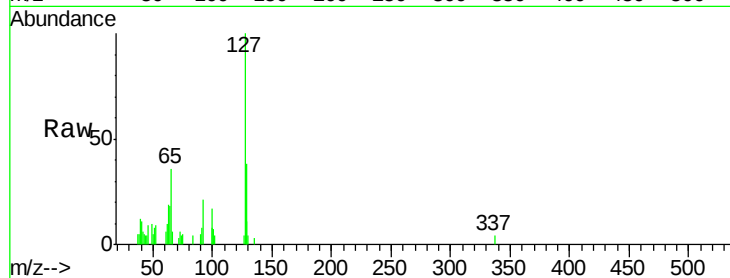




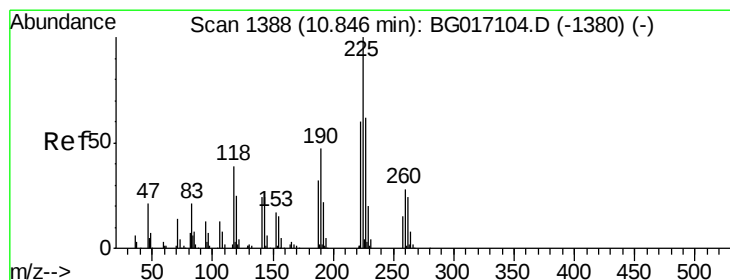
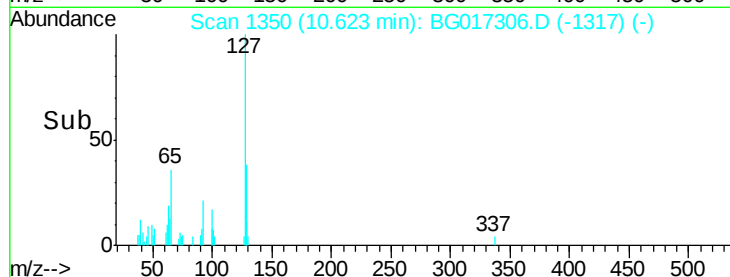
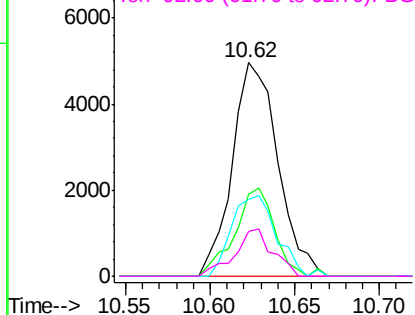
#33
4-Chloroaniline
Concen: 3.84 ng
RT: 10.62 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:	127	Resp:	9326
Ion	Ratio	Lower	Upper
127	100		
129	38.3	24.8	37.2#
65	35.7	25.8	38.6
92	20.9	15.0	22.4

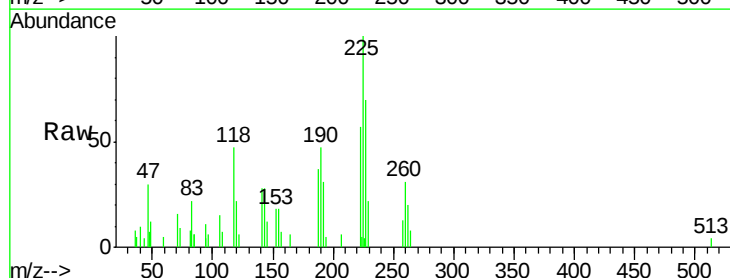


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

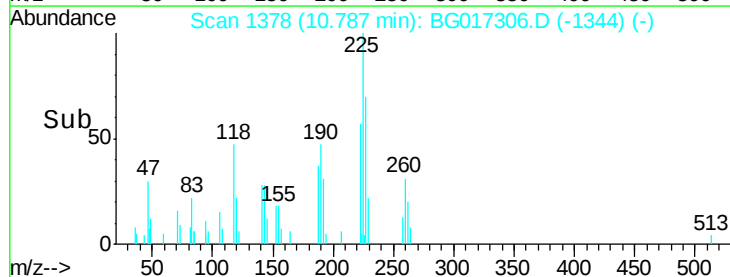
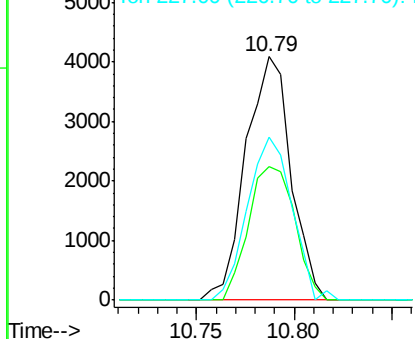


#34
Hexachlorobutadiene
Concen: 5.96 ng
RT: 10.79 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:	225	Resp:	6535
Ion	Ratio	Lower	Upper
225	100		
223	54.9	48.3	72.5
227	67.1	49.8	74.8



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

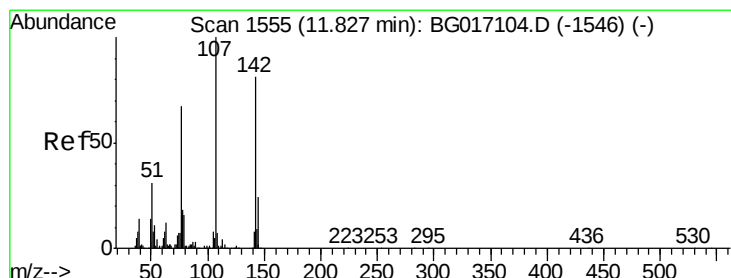
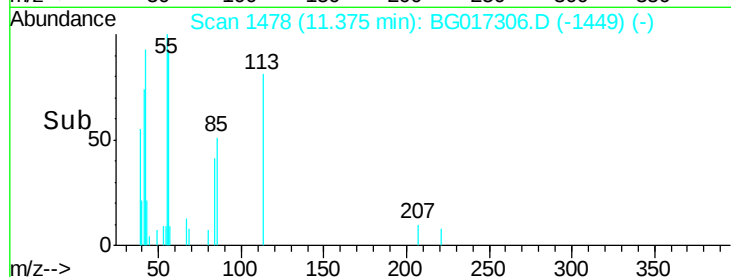
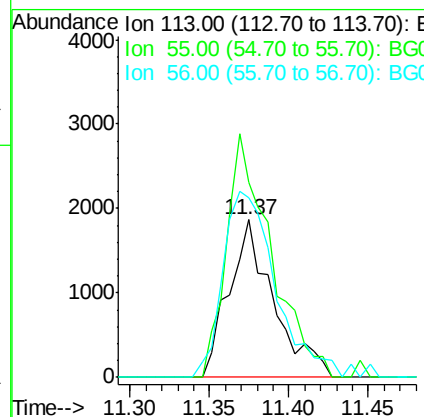
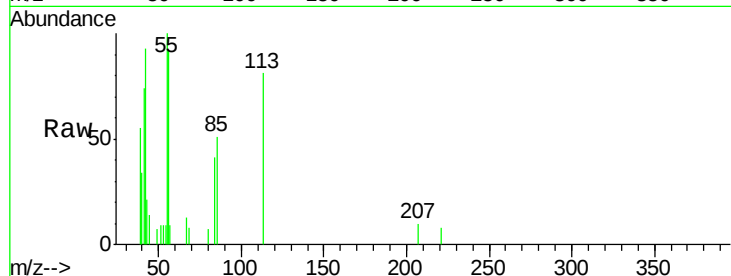




#35
 Caprolactam
 Concen: 4.75 ng
 RT: 11.37 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

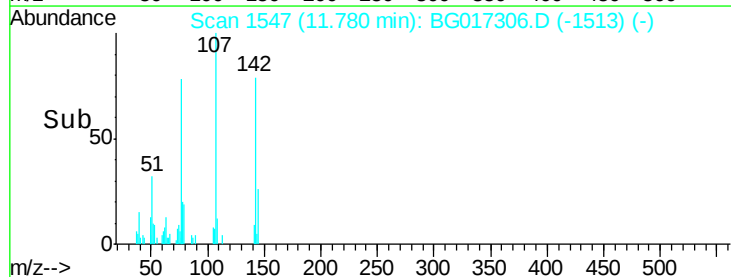
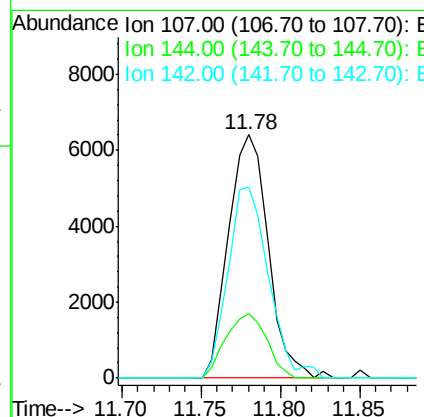
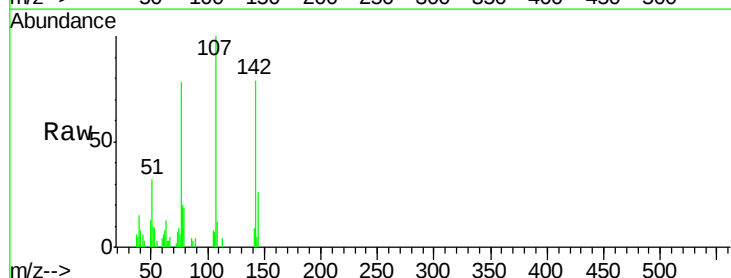
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

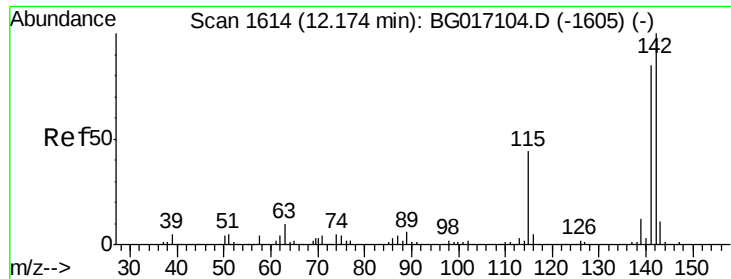
Tgt Ion:113 Resp: 3647
 Ion Ratio Lower Upper
 113 100
 55 123.6 124.1 164.1#
 56 114.2 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 5.77 ng
 RT: 11.78 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:107 Resp: 11139
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.6 29.4
 142 78.6 64.9 97.3

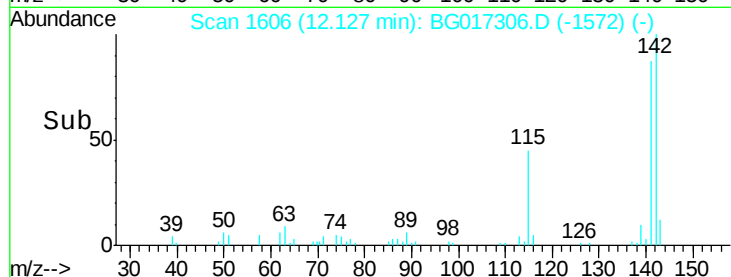
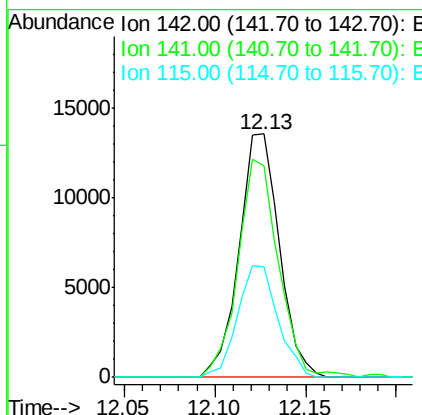
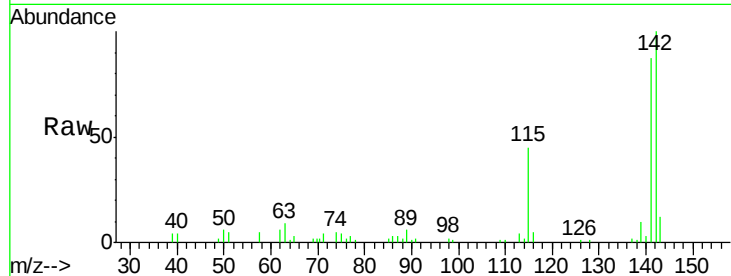




#37
 2-Methylnaphthalene
 Concen: 5.13 ng
 RT: 12.13 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

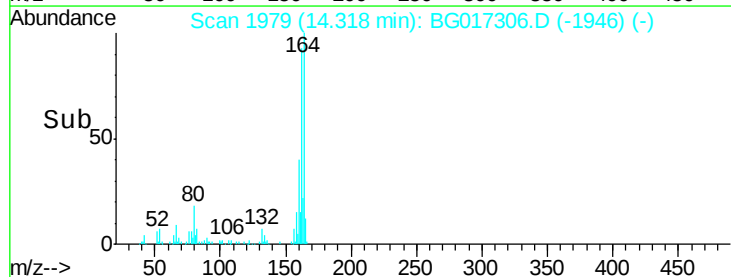
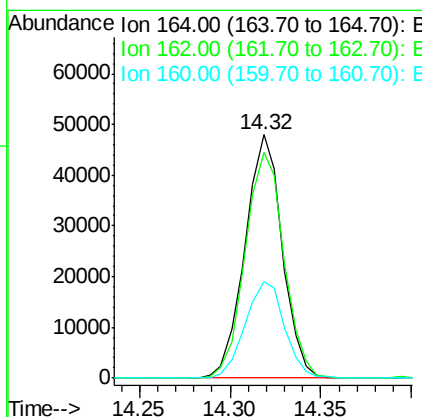
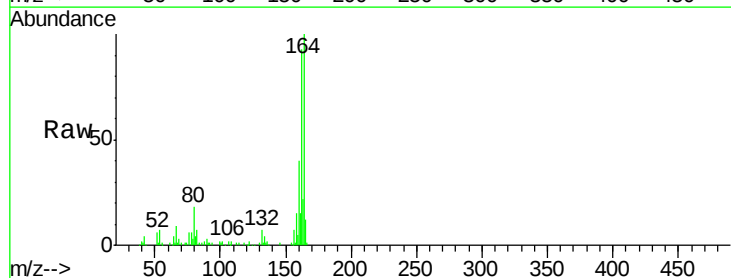
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

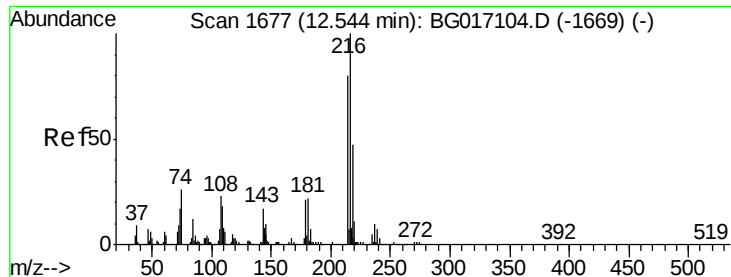
Tgt Ion:142 Resp: 20918
 Ion Ratio Lower Upper
 142 100
 141 87.0 68.2 102.2
 115 45.2 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:164 Resp: 68531
 Ion Ratio Lower Upper
 164 100
 162 92.7 82.1 123.1
 160 39.5 34.8 52.2

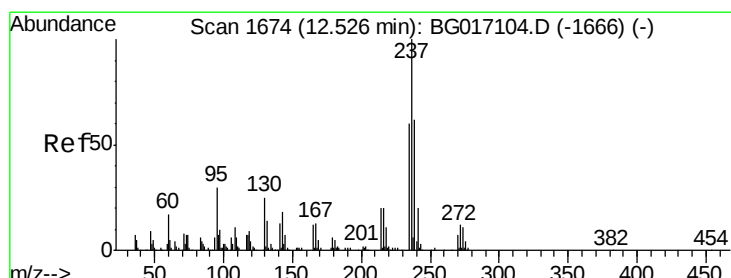
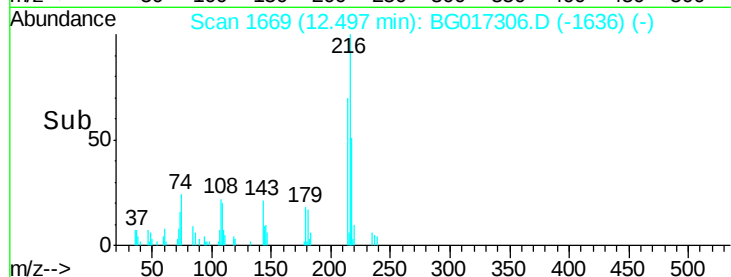
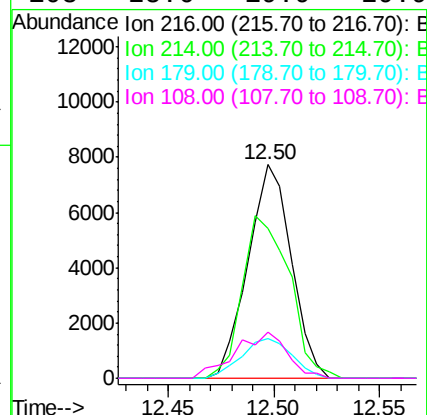
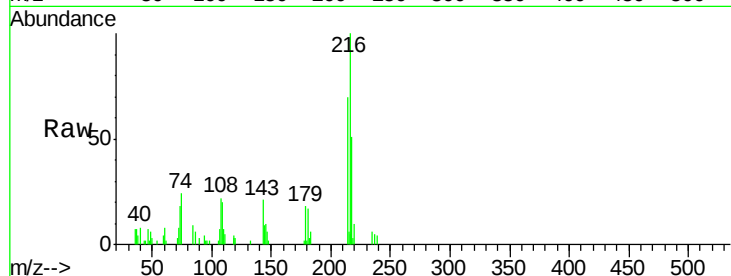




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.68 ng
 RT: 12.50 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

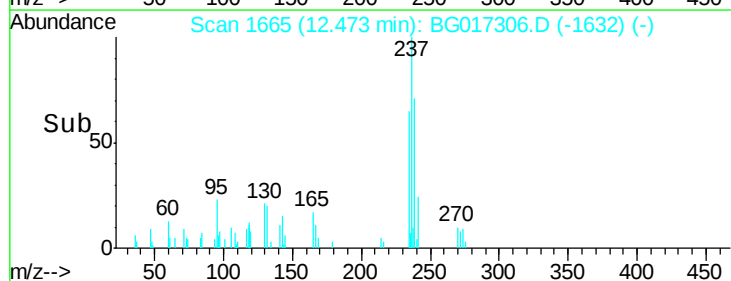
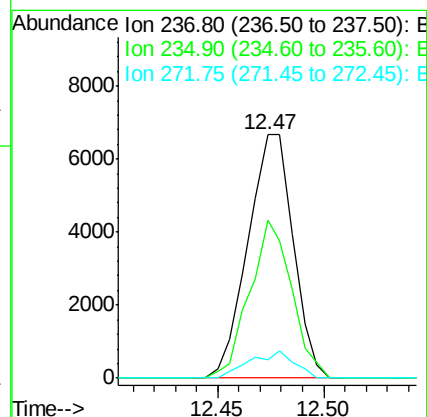
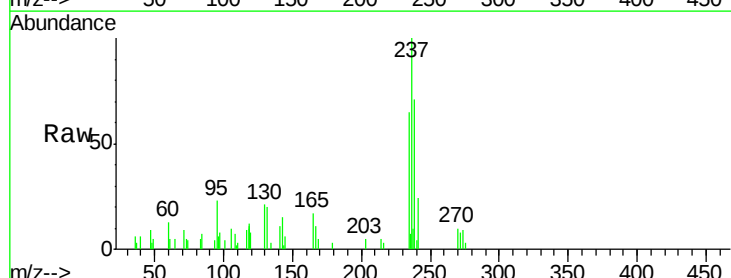
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

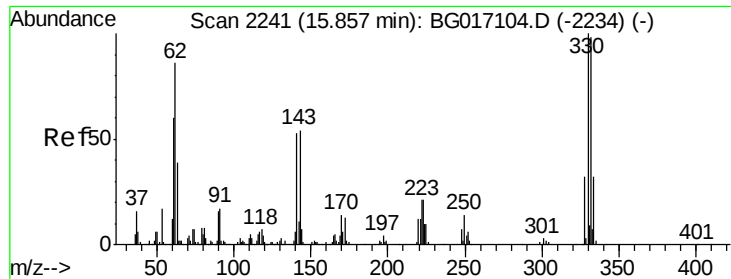
Tgt Ion:	216	Resp:	11006
Ion	Ratio	Lower	Upper
216	100		
214	82.4	63.3	94.9
179	21.8	17.8	26.8
108	25.6	19.9	29.9



#40
 Hexachlorocyclopentadiene
 Concen: 8.42 ng
 RT: 12.47 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:	237	Resp:	9961
Ion	Ratio	Lower	Upper
237	100		
235	64.7	39.7	79.7
272	7.6	0.0	32.1

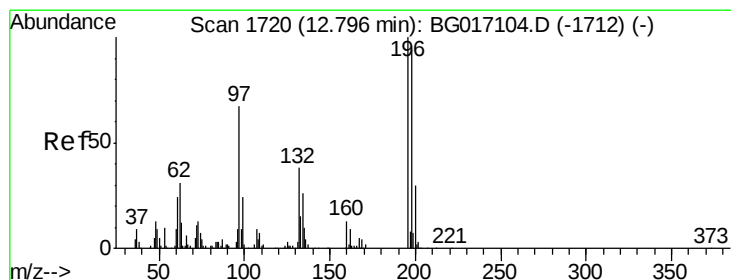
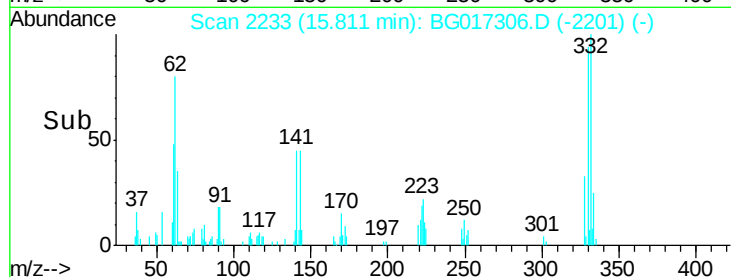
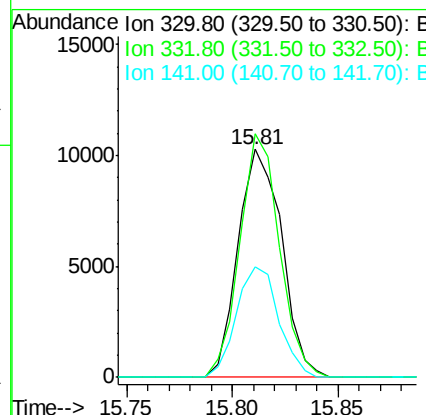
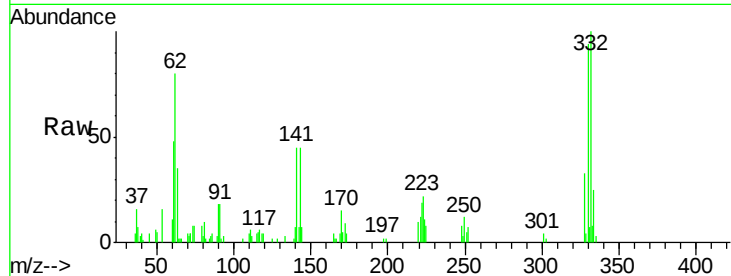




#41
 2,4,6-Tribromophenol
 Concen: 17.74 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

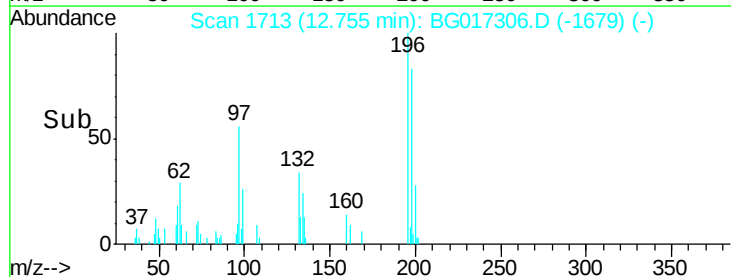
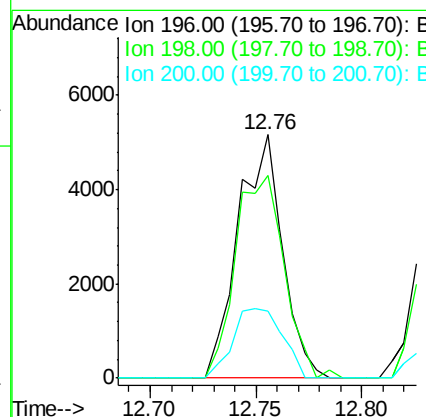
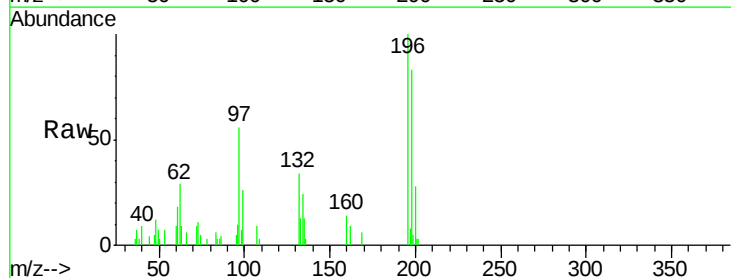
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion:330 Resp: 14695
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 46.9 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 5.46 ng
 RT: 12.76 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:196 Resp: 7511
 Ion Ratio Lower Upper
 196 100
 198 83.1 74.9 112.3
 200 27.7 24.2 36.2

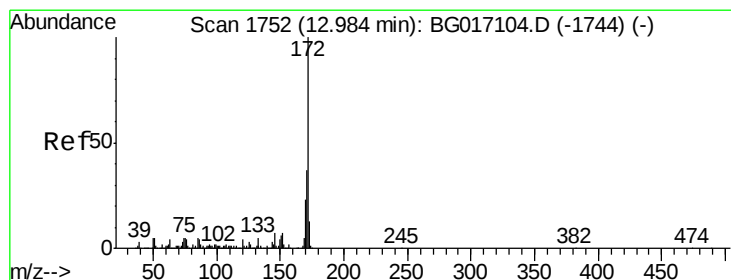
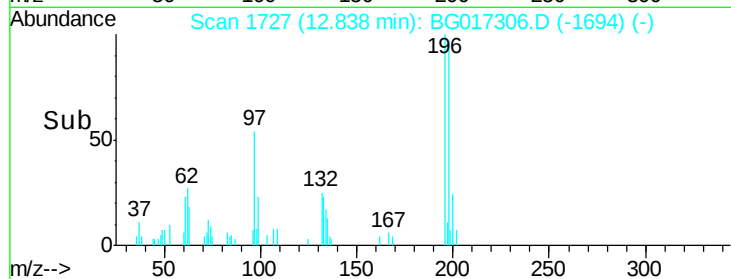
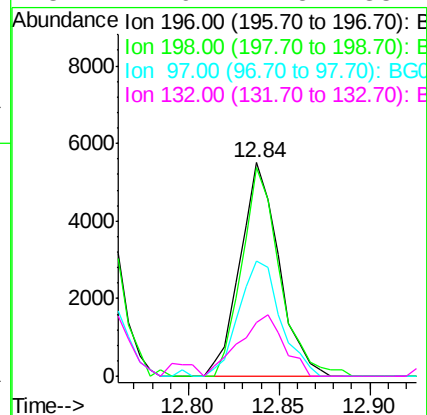
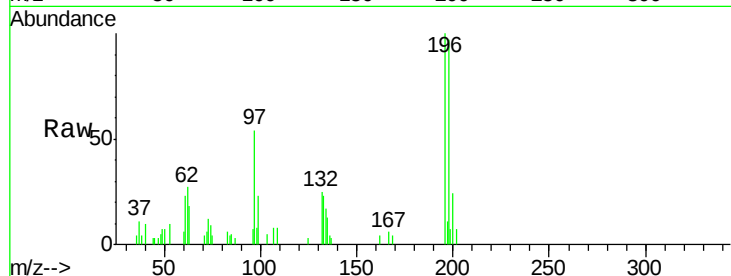




#43
2,4,5-Trichlorophenol
Concen: 5.79 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

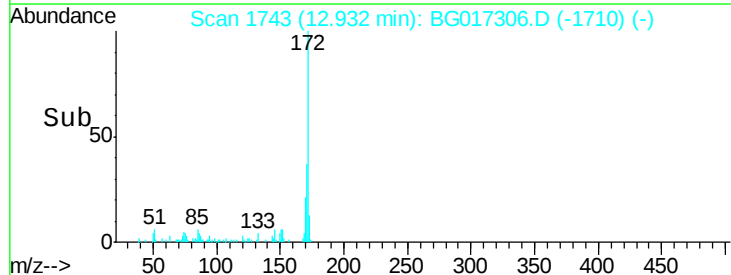
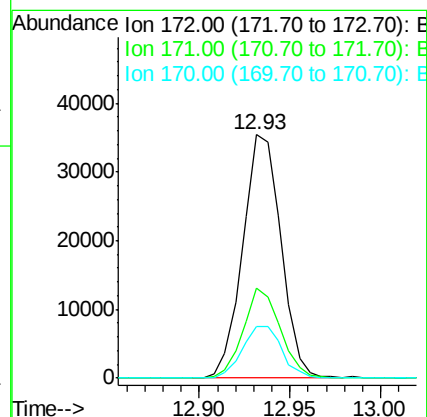
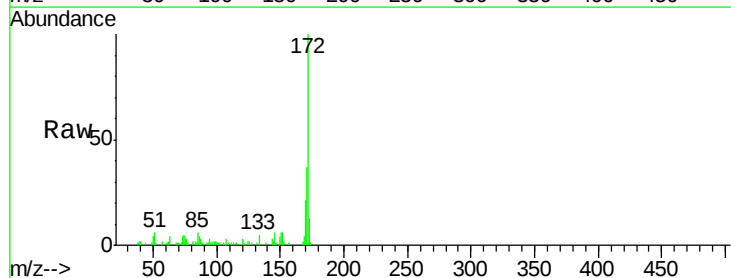
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.4	71.4	107.0
97	53.7	45.4	68.0
132	24.9	22.5	33.7



#44
2-Fluorobiphenyl
Concen: 11.11 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	21.4	18.4	27.6

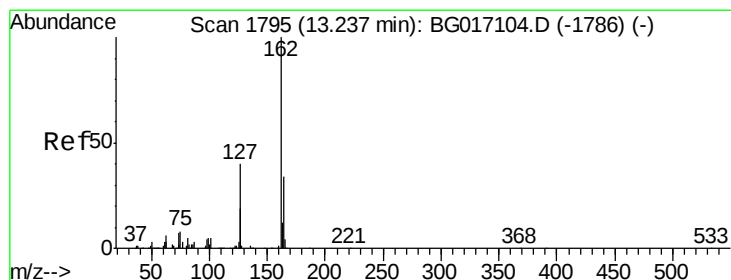
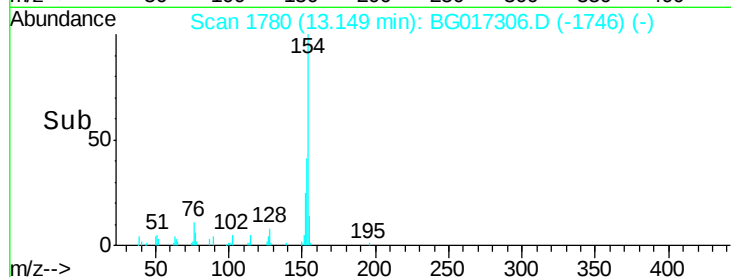
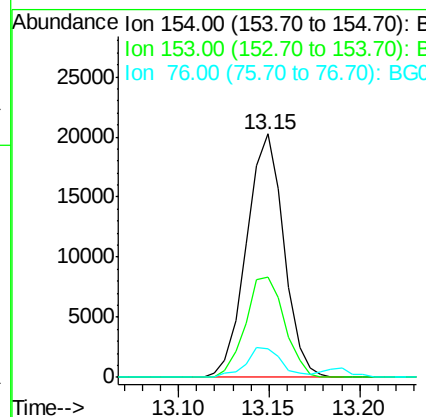
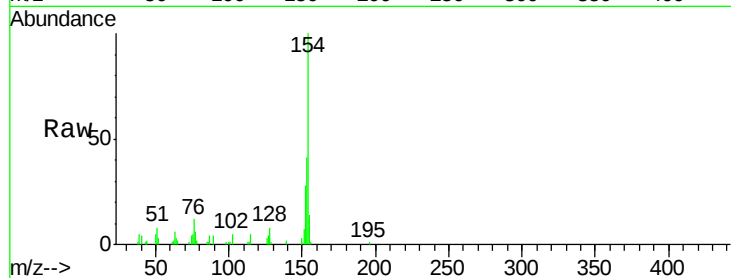




#45
 1,1'-Biphenyl
 Concen: 5.86 ng
 RT: 13.15 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

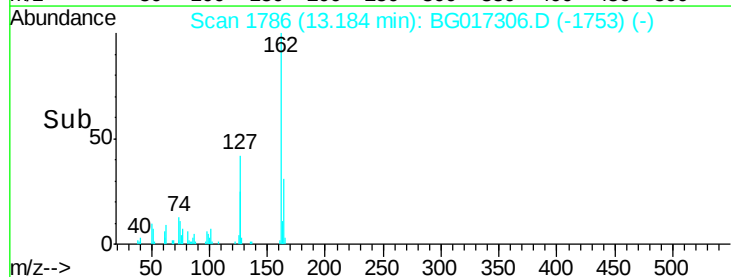
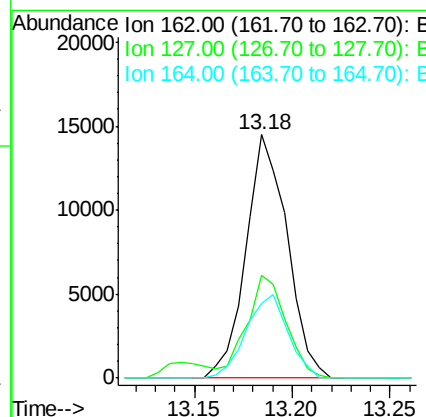
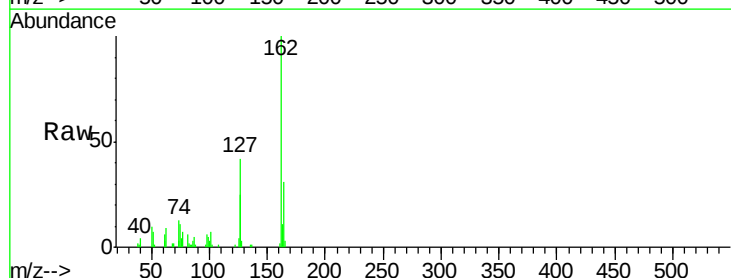
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.5	61.5
76	11.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 5.42 ng
 RT: 13.18 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.5	50.3
164	30.9	27.0	40.6





#47

2-Nitroaniline

Concen: 5.22 ng

RT: 13.40 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

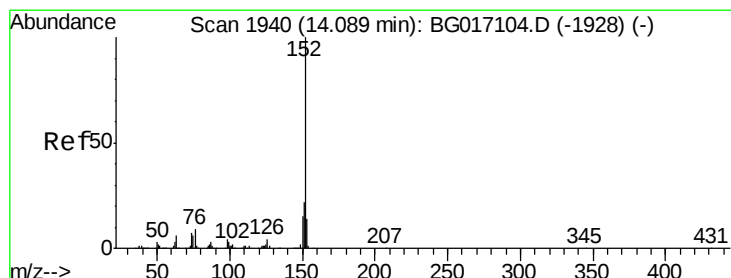
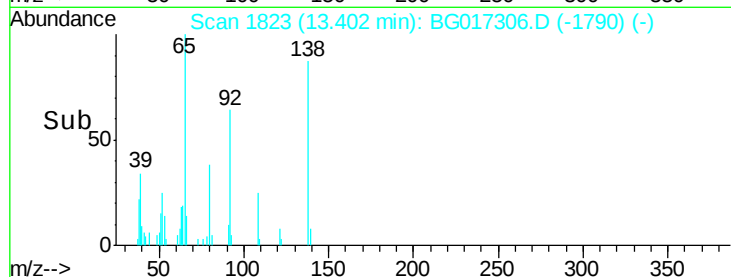
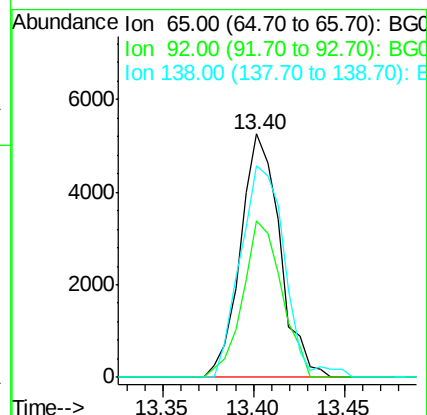
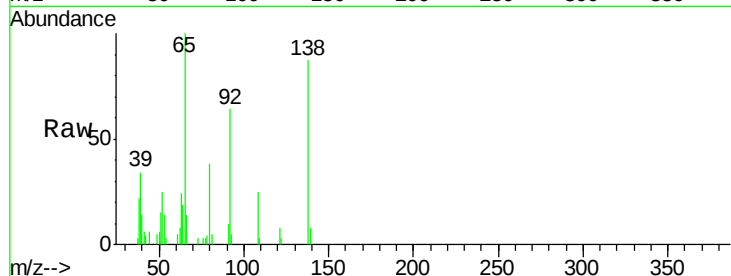
Tgt Ion: 65 Resp: 7943

Ion Ratio Lower Upper

65 100

92 64.3 51.0 76.4

138 86.7 79.3 118.9



#48

Acenaphthylene

Concen: 5.55 ng

RT: 14.04 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

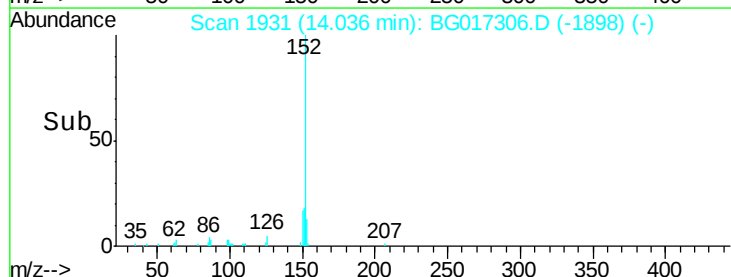
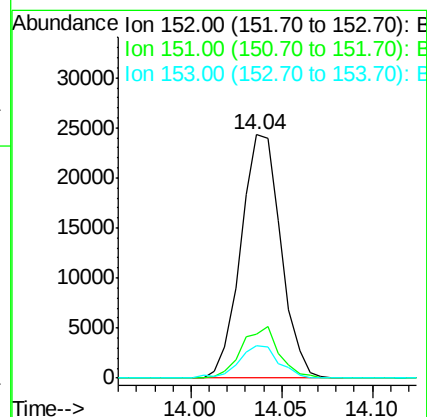
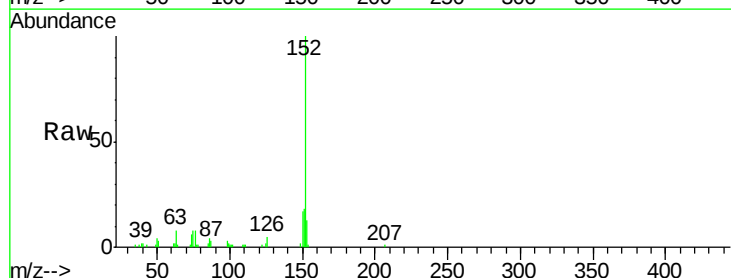
Tgt Ion: 152 Resp: 37154

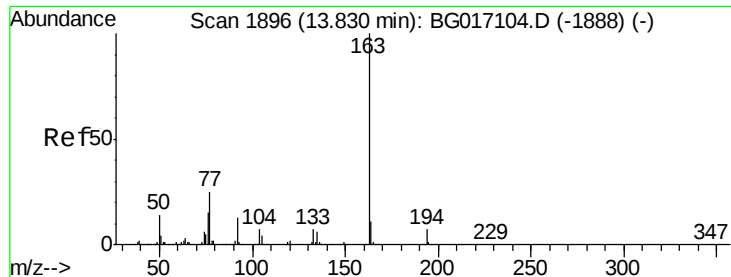
Ion Ratio Lower Upper

152 100

151 18.2 17.2 25.8

153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 5.22 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

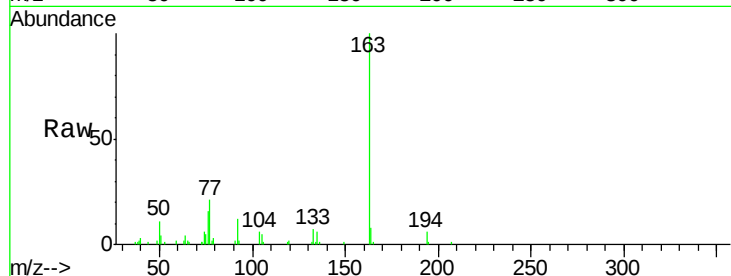
Tgt Ion:163 Resp: 27993

Ion Ratio Lower Upper

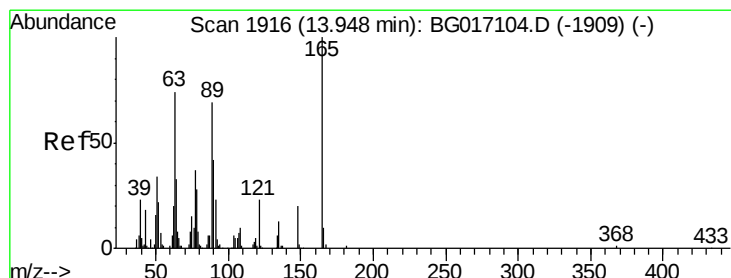
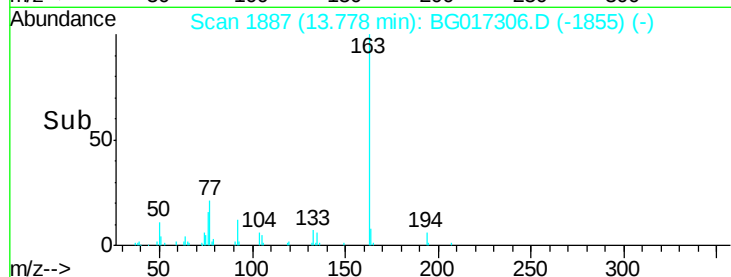
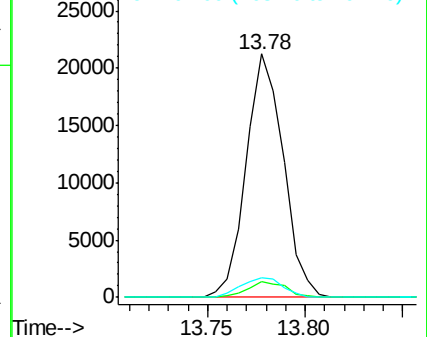
163 100

194 6.4 5.6 8.4

164 8.0 8.6 13.0#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.23 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

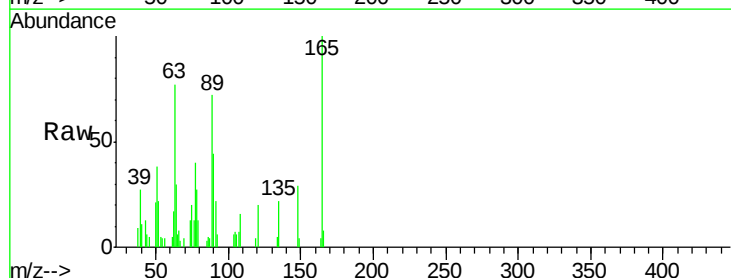
Tgt Ion:165 Resp: 6211

Ion Ratio Lower Upper

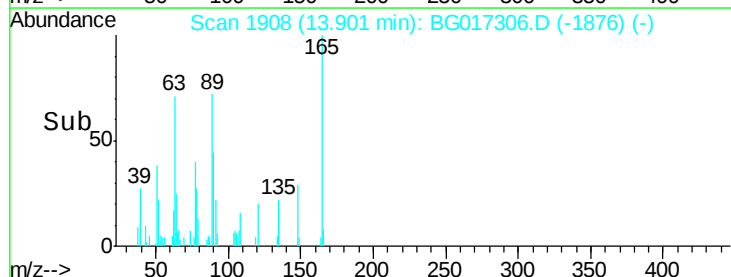
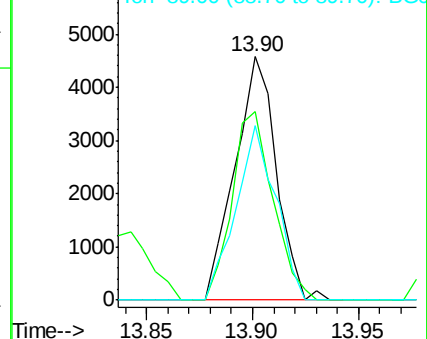
165 100

63 77.4 60.6 90.8

89 71.8 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 5.58 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

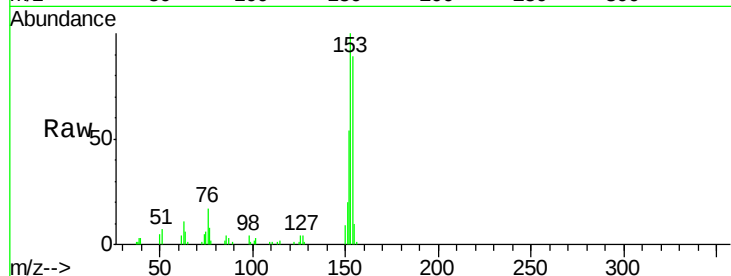
Tgt Ion:154 Resp: 22053

Ion Ratio Lower Upper

154 100

153 112.9 86.2 129.4

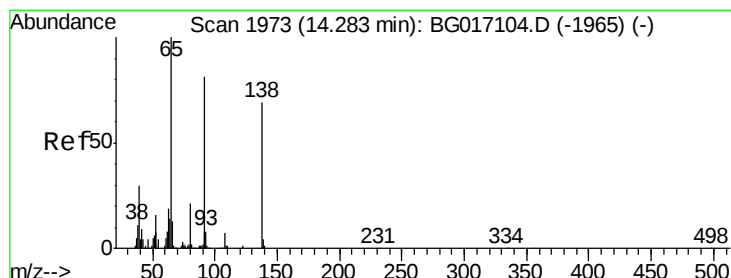
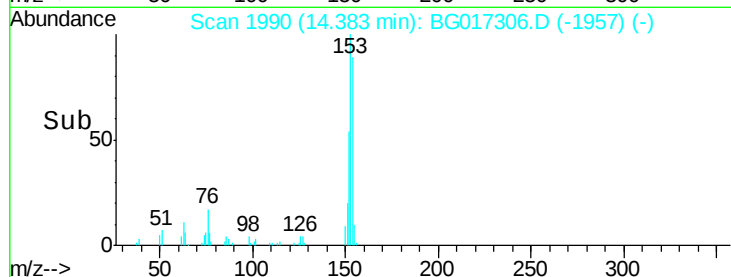
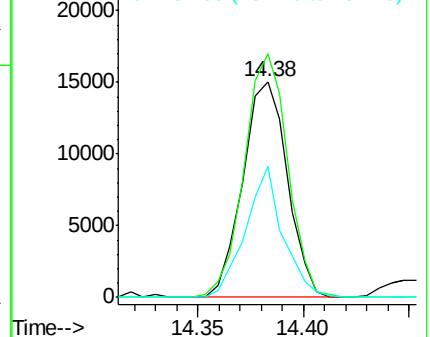
152 60.6 41.5 62.3



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: 4.48 ng

RT: 14.24 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

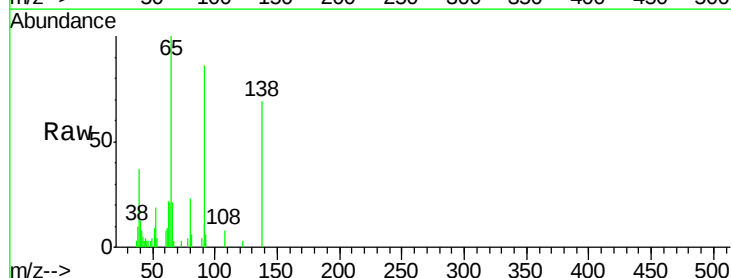
Tgt Ion:138 Resp: 5907

Ion Ratio Lower Upper

138 100

108 12.2 7.6 11.4#

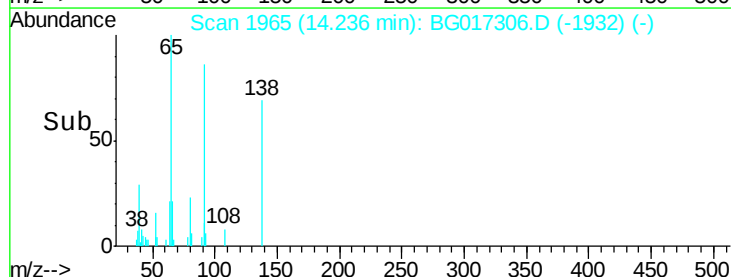
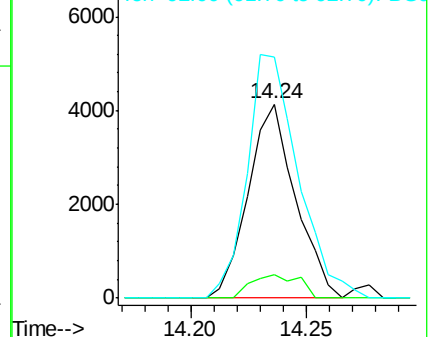
92 124.2 93.6 140.4

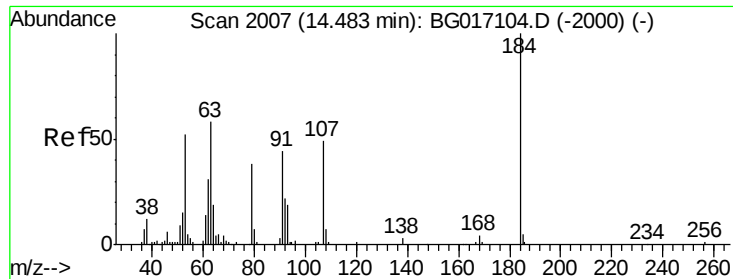


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

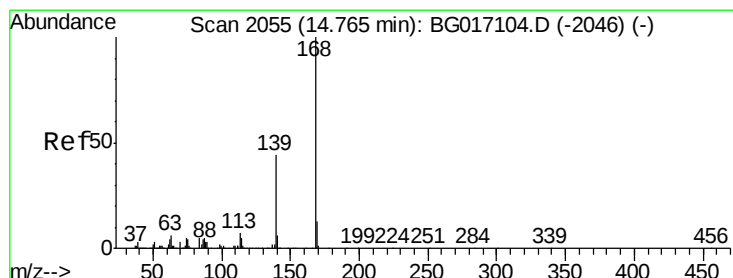
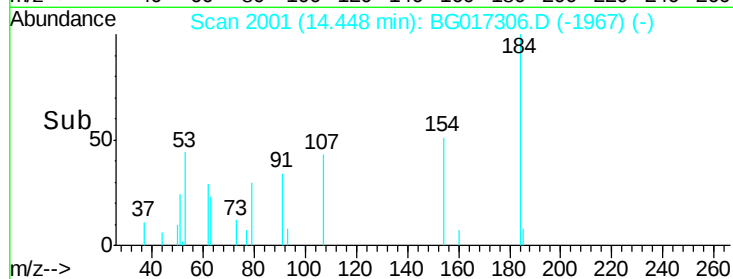
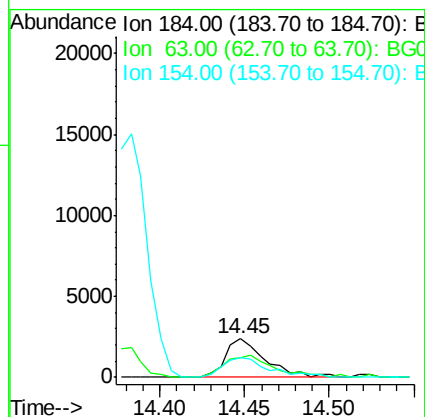
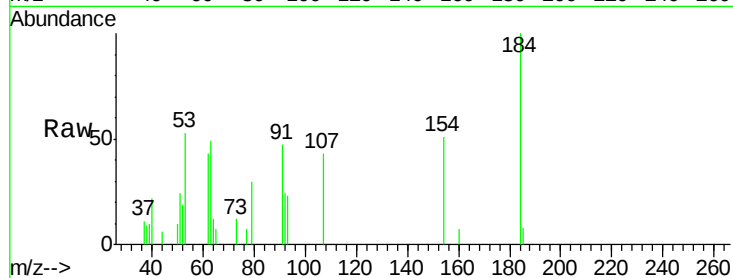




#53
2,4-Dinitrophenol
Concen: 5.66 ng
RT: 14.45 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

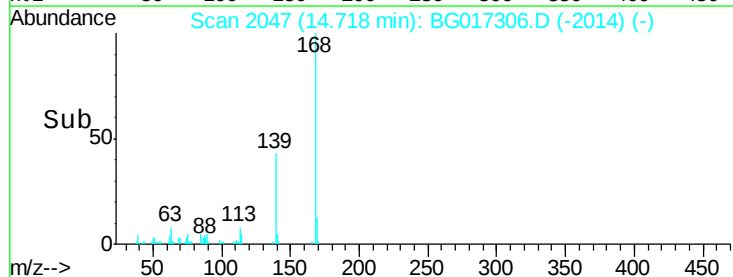
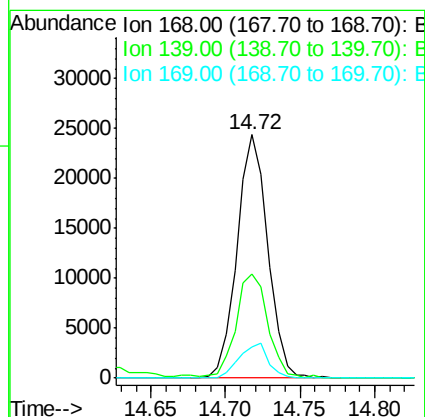
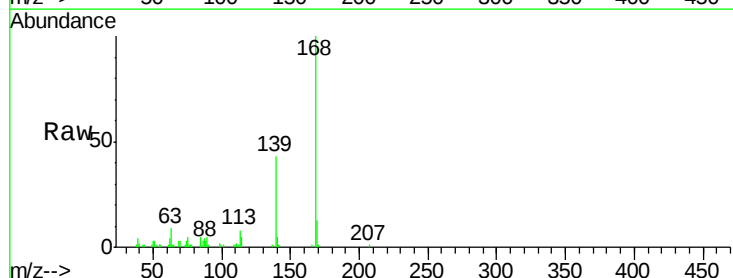
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:184 Resp: 3901
Ion Ratio Lower Upper
184 100
63 49.5 63.6 95.4#
154 50.8 47.8 71.6



#54
Dibenzofuran
Concen: 5.93 ng
RT: 14.72 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:168 Resp: 34882
Ion Ratio Lower Upper
168 100
139 42.5 34.9 52.3
169 12.6 10.5 15.7

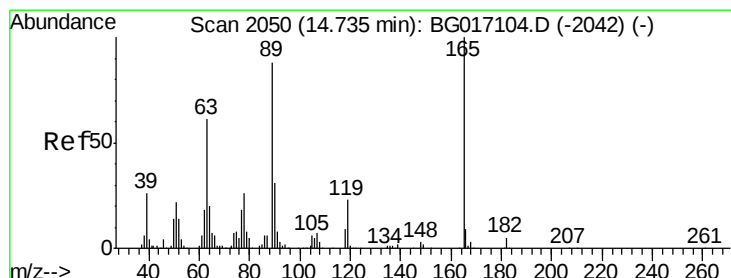
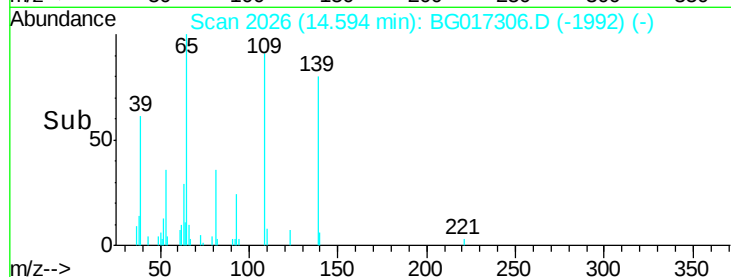
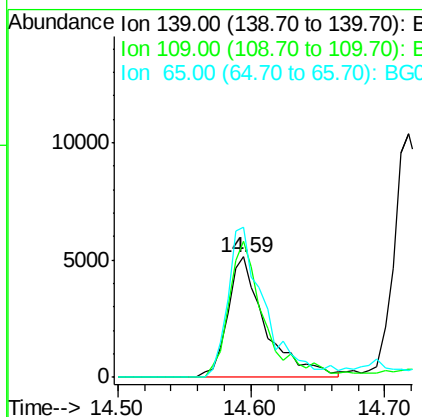
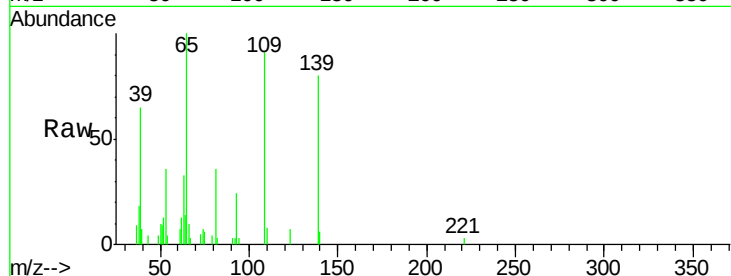




#55
4-Nitrophenol
Concen: 9.55 ng
RT: 14.59 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

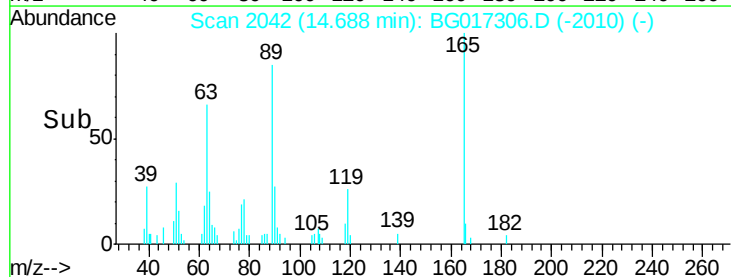
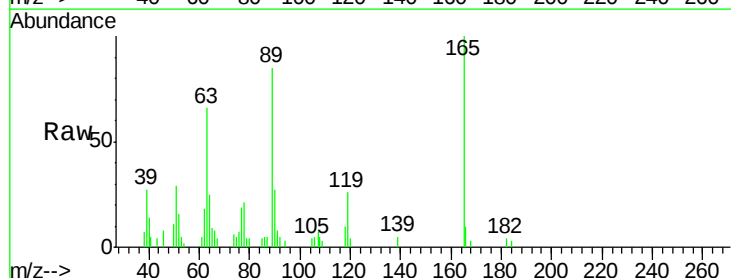
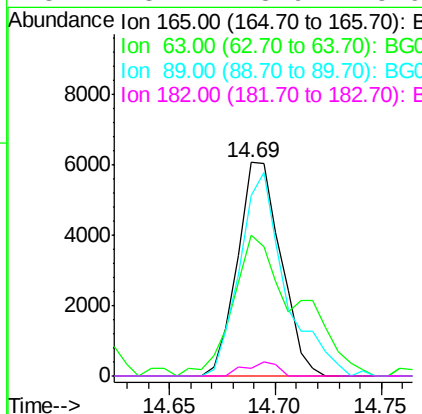
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

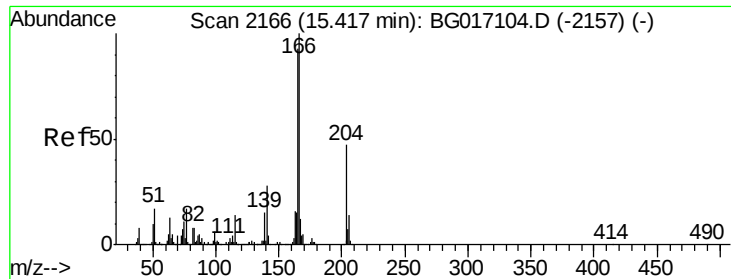
Tgt Ion	Ratio	Lower	Upper
139	100		
109	113.2	90.5	130.5
65	124.4	99.9	139.9



#56
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 14.69 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.7	49.0	73.4
89	84.7	70.1	105.1
182	3.7	3.9	5.9#

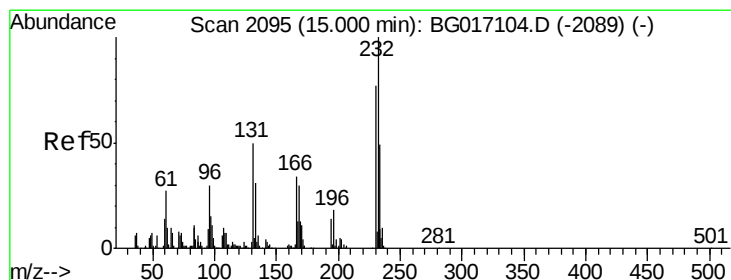
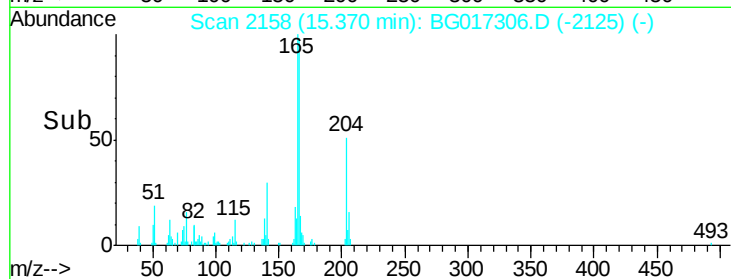
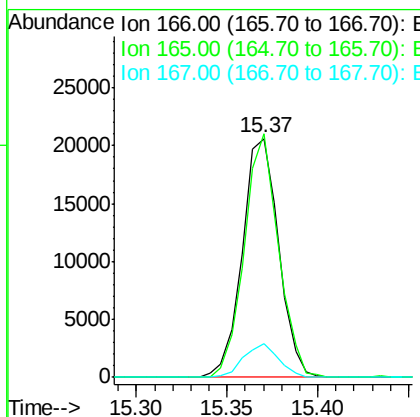
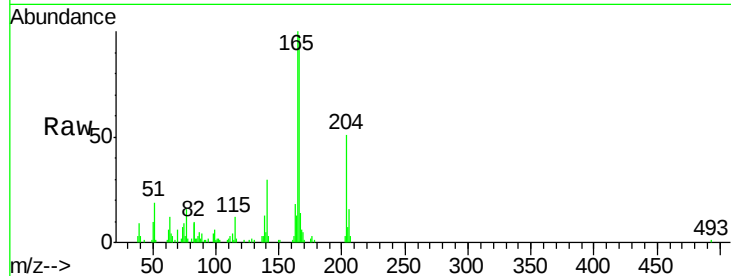




#57
Fluorene
 Concen: 5.52 ng
 RT: 15.37 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

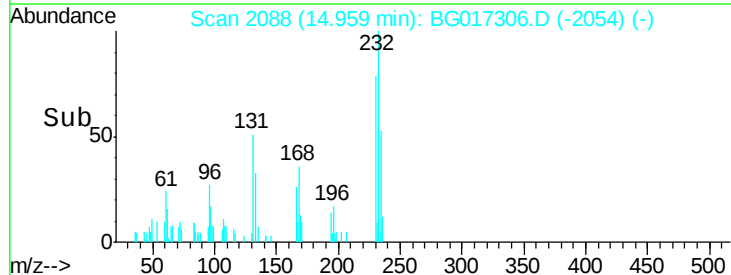
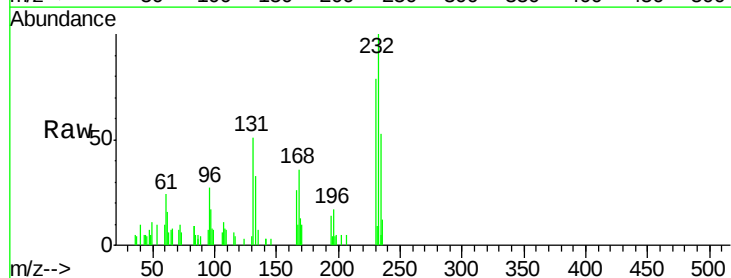
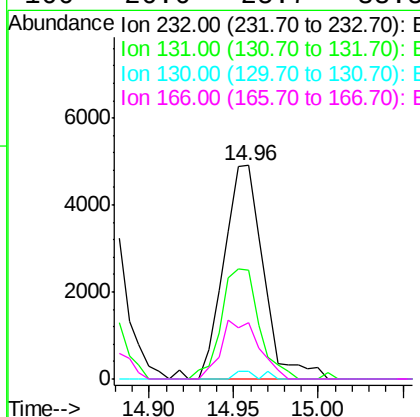
Instrument :
 BNA_G
 ClientSampled :
 PB83579BSD

Tgt Ion:166 Resp: 28728
 Ion Ratio Lower Upper
 166 100
 165 102.0 74.2 111.4
 167 14.0 9.8 14.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 6.12 ng
 RT: 14.96 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:232 Resp: 7954
 Ion Ratio Lower Upper
 232 100
 131 49.6 42.7 64.1
 130 2.4 3.0 4.4#
 166 26.6 25.7 38.5

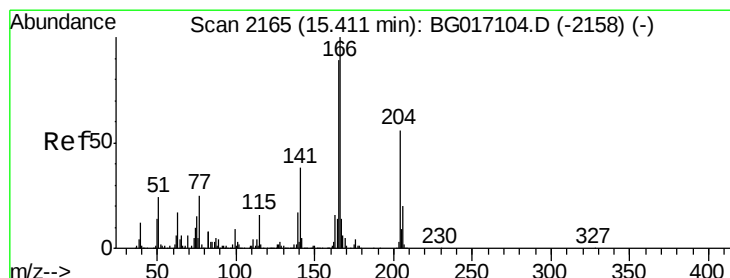
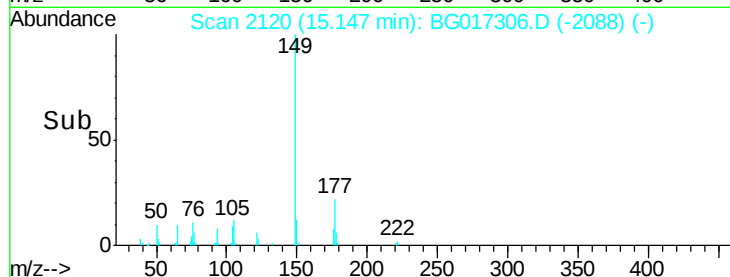
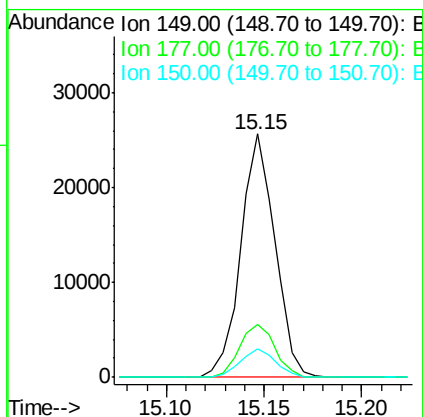
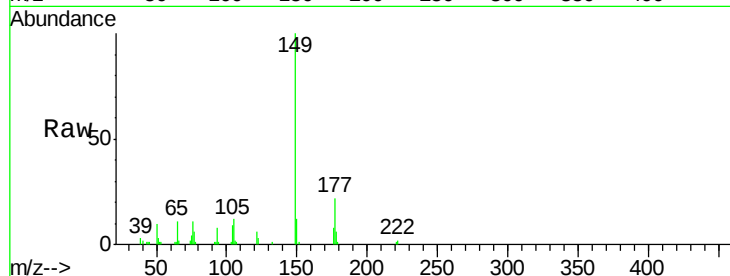




#59
Diethylphthalate
Concen: 5.38 ng
RT: 15.15 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

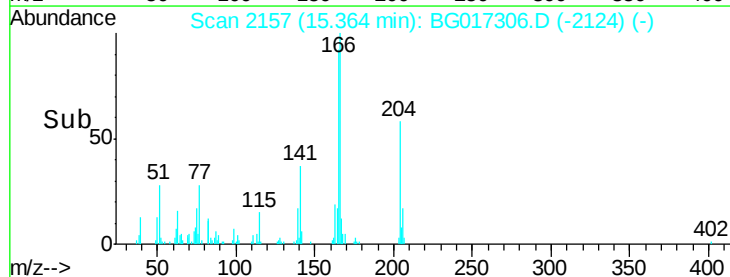
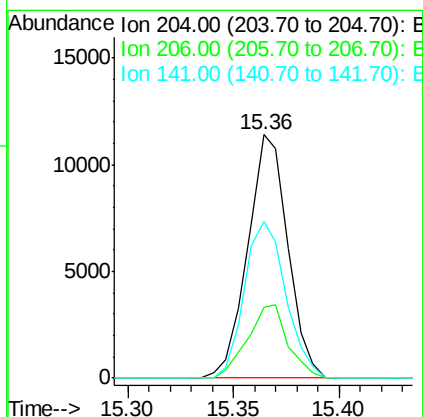
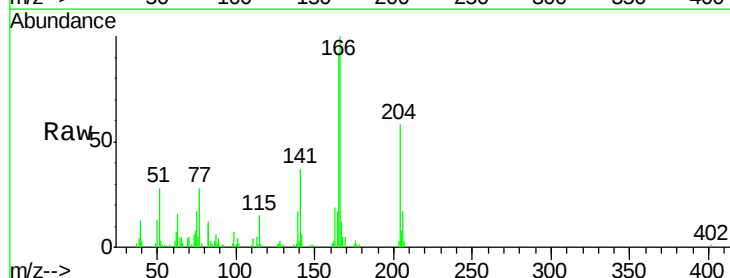
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

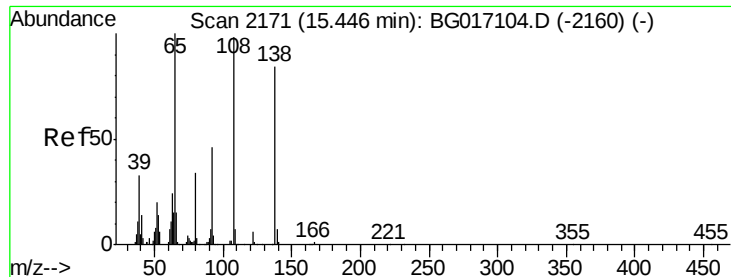
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	11.6	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 5.62 ng
RT: 15.36 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	29.1	28.6	42.8
141	64.6	54.2	81.2





#61

4-Nitroaniline

Concen: 5.23 ng

RT: 15.40 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

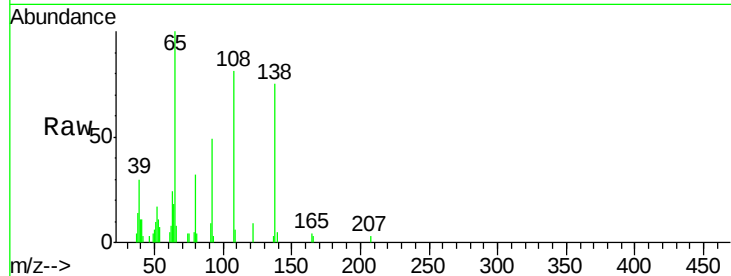
Tgt Ion: 138 Resp: 7681

Ion Ratio Lower Upper

138 100

92 66.0 34.9 74.9

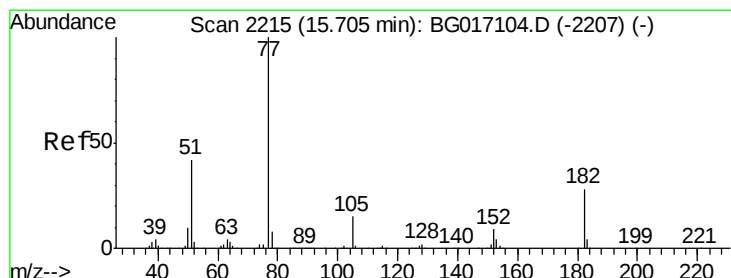
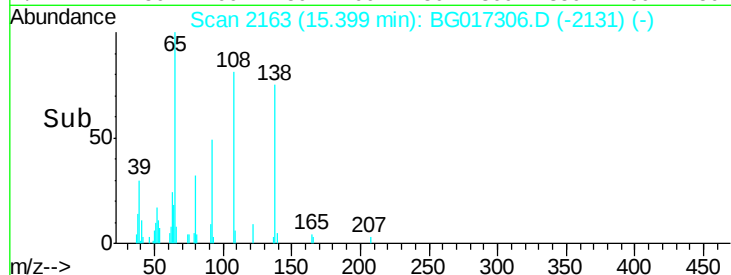
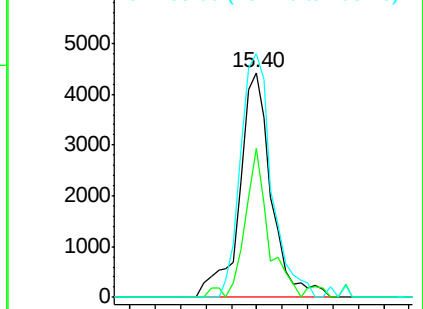
108 108.3 95.8 135.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 5.99 ng

RT: 15.66 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Tgt Ion: 77 Resp: 32965

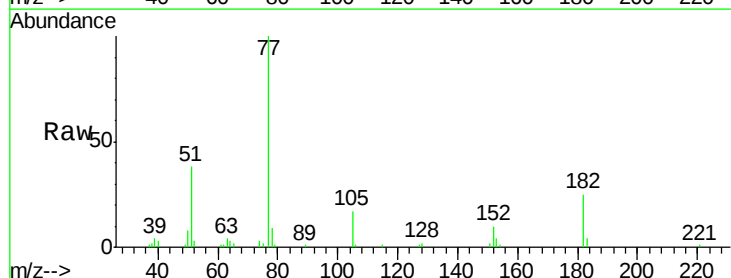
Ion Ratio Lower Upper

77 100

182 25.2 8.1 48.1

105 17.2 0.0 34.8

51 37.5 22.0 62.0

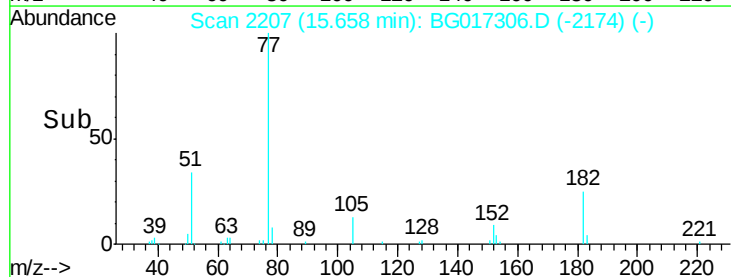
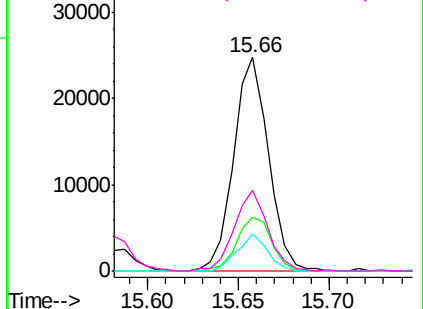


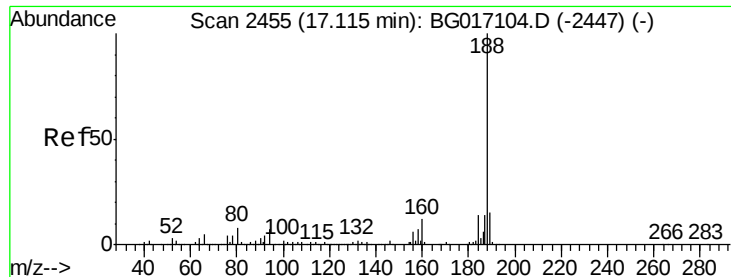
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

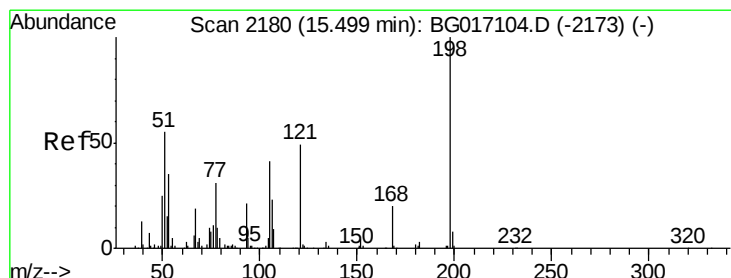
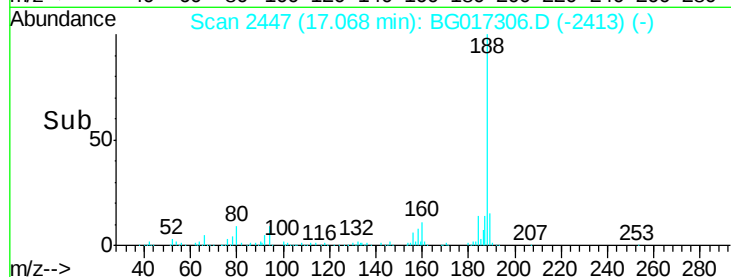
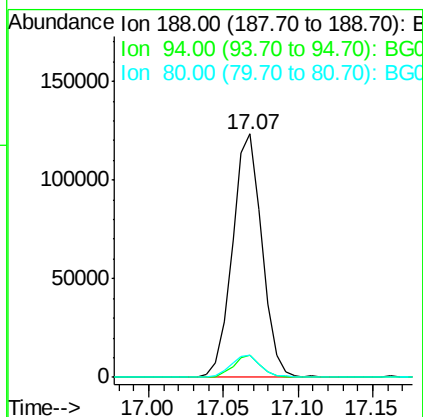
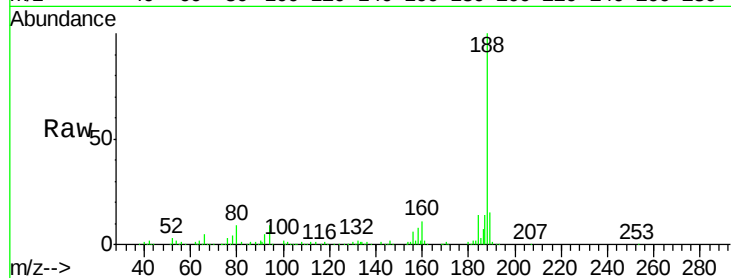




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

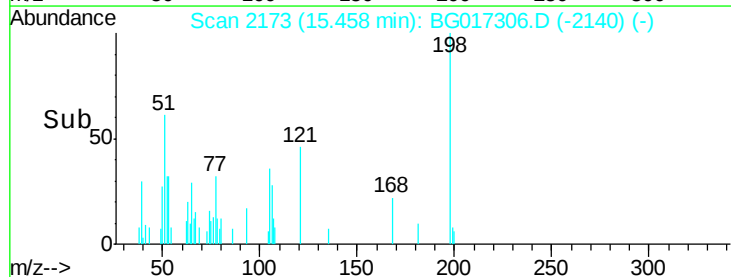
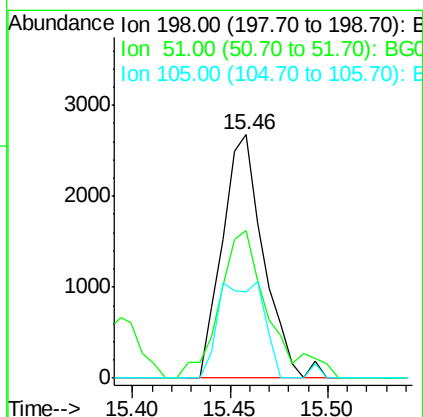
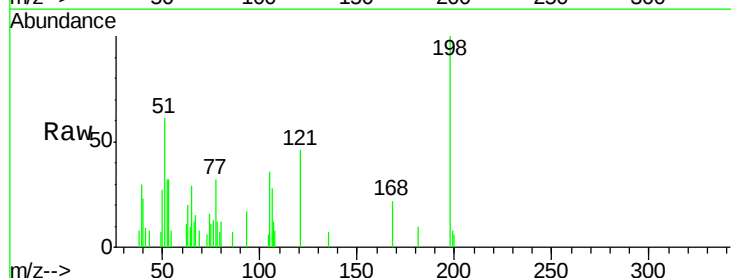
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:188 Resp: 169764
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 9.2 6.5 9.7



#64
4,6-Dinitro-2-methylphenol
Concen: 3.37 ng
RT: 15.46 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:198 Resp: 3926
Ion Ratio Lower Upper
198 100
51 60.6 39.9 79.9
105 35.5 22.0 62.0

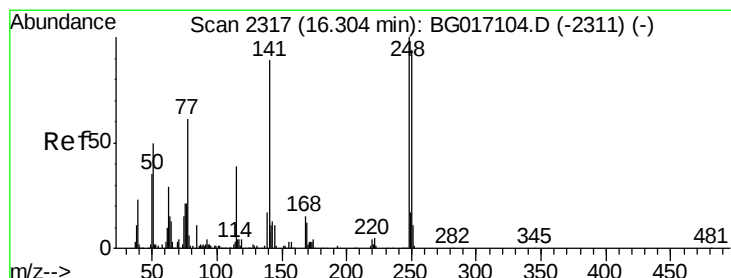
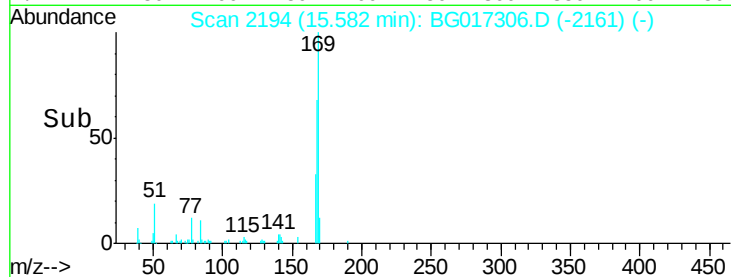
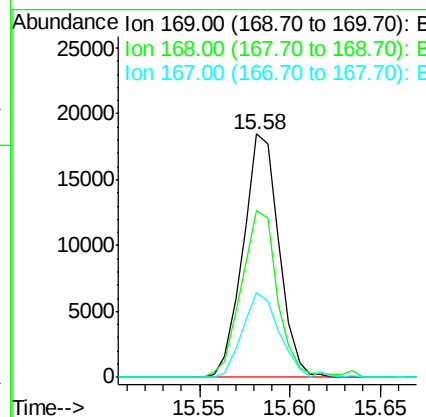
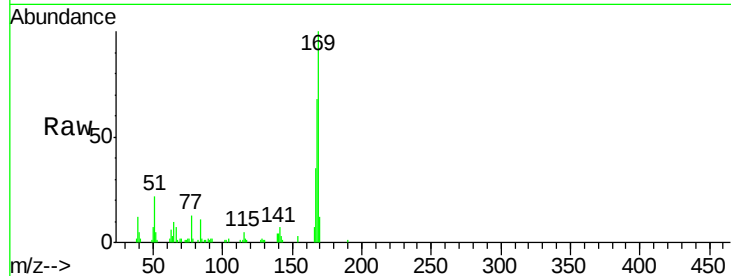




#65
 n-Nitrosodiphenylamine
 Concen: 4.85 ng
 RT: 15.58 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

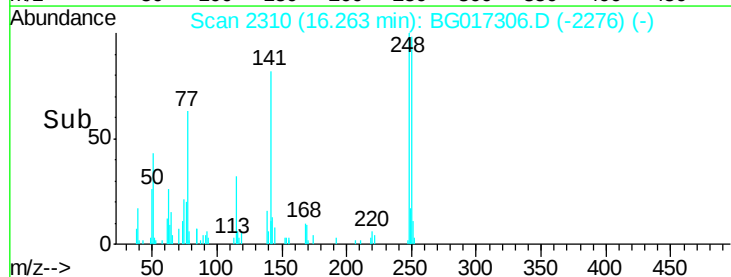
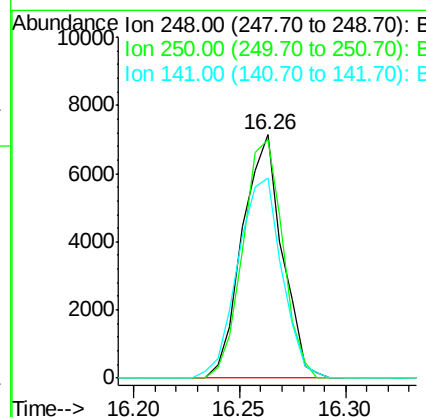
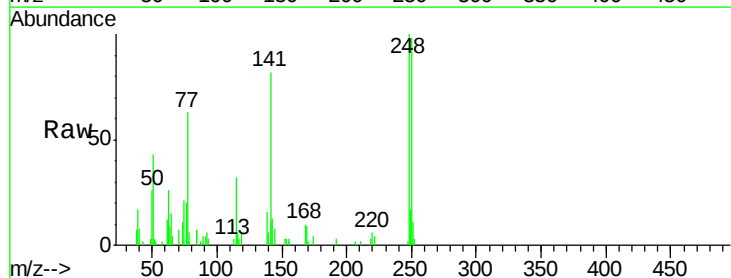
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

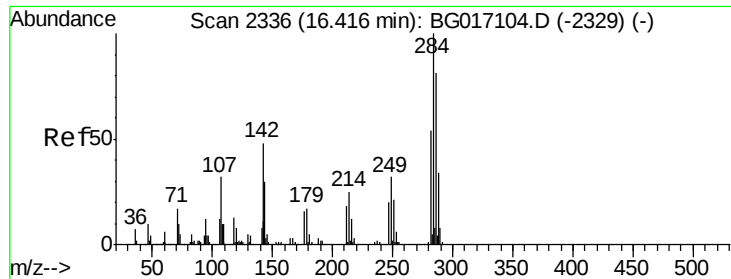
Tgt Ion:169 Resp: 25301
 Ion Ratio Lower Upper
 169 100
 168 68.3 51.7 77.5
 167 34.6 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 16.26 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:248 Resp: 9321
 Ion Ratio Lower Upper
 248 100
 250 98.1 75.0 112.4
 141 82.1 71.3 106.9

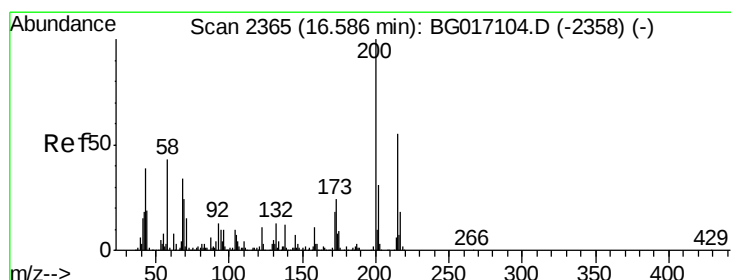
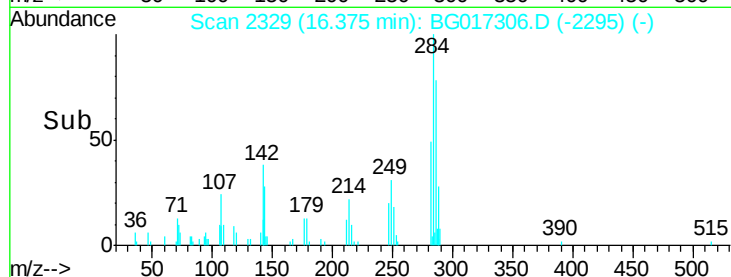
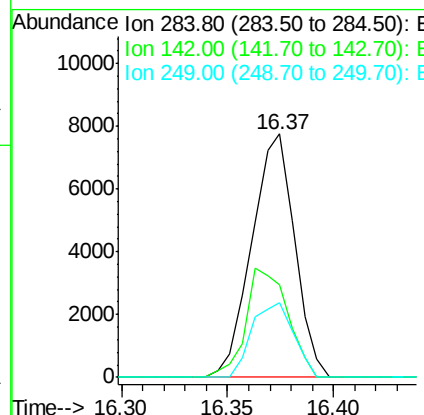
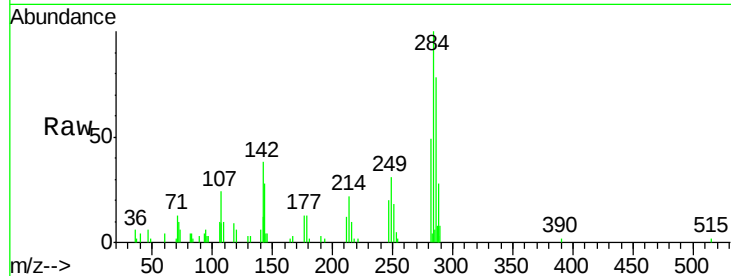




#67
Hexachlorobenzene
Concen: 5.59 ng
RT: 16.37 min Scan# 2329
Delta R.T. 0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

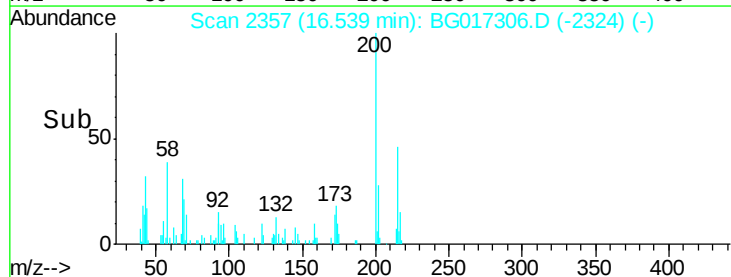
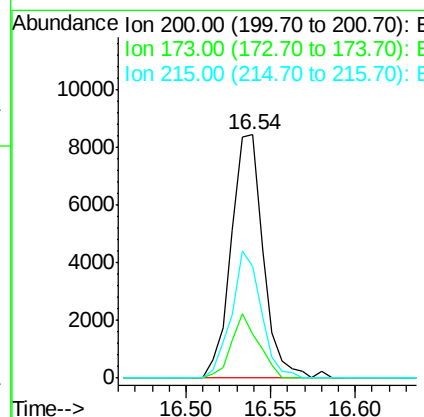
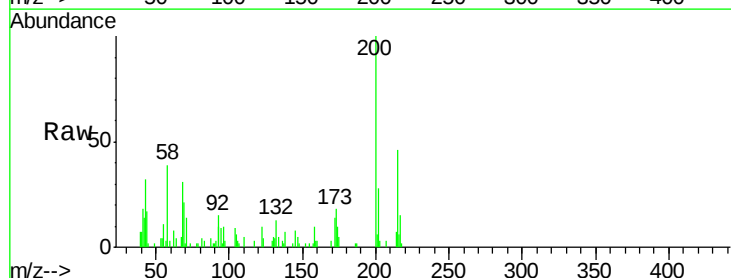
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

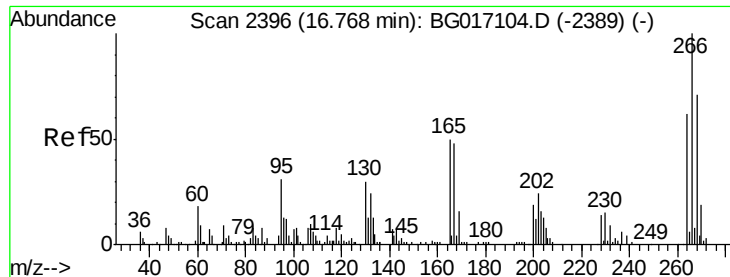
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	38.2	57.2
249	30.8	25.2	37.8



#68
Atrazine
Concen: 5.86 ng
RT: 16.54 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	18.1	3.7	43.7
215	45.8	35.5	75.5





#69

Pentachlorophenol

Concen: 7.60 ng

RT: 16.73 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

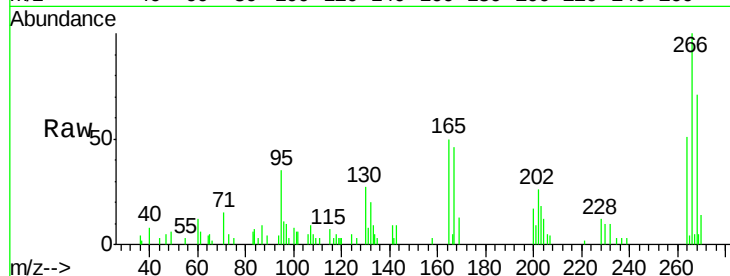
Tgt Ion:266 Resp: 9264

Ion Ratio Lower Upper

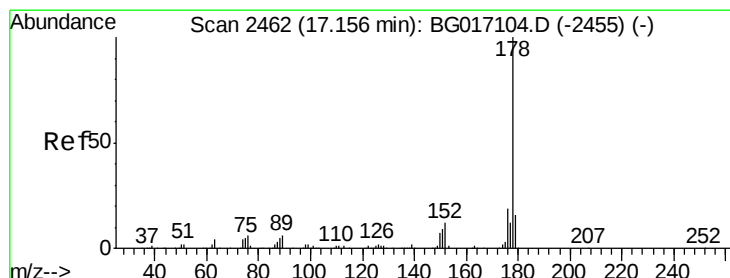
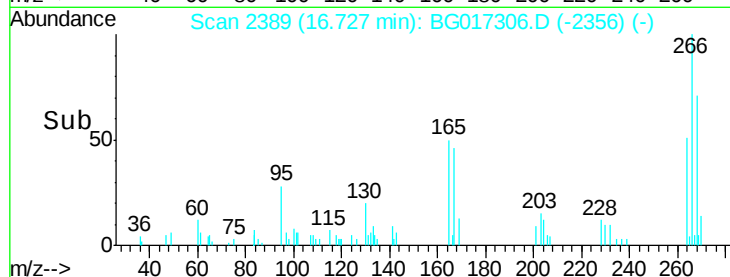
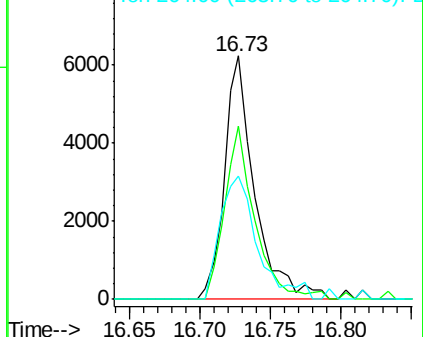
266 100

268 71.4 56.6 84.8

264 50.5 49.4 74.0



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



#70

Phenanthrene

Concen: 5.66 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

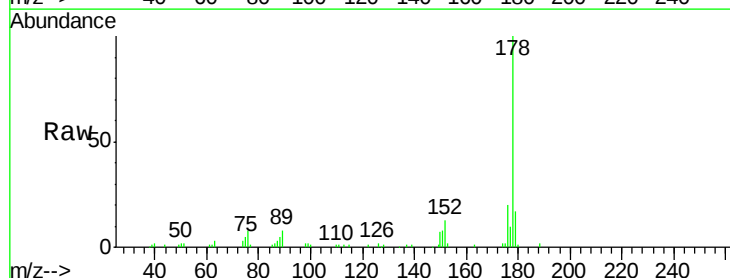
Tgt Ion:178 Resp: 49535

Ion Ratio Lower Upper

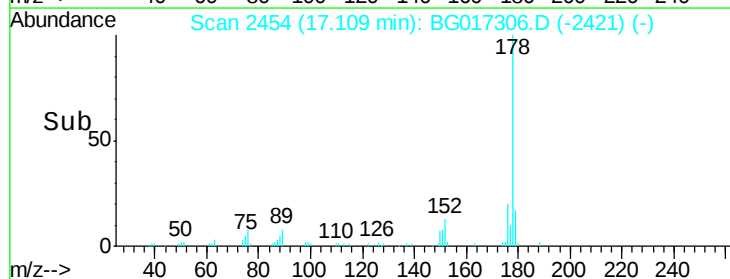
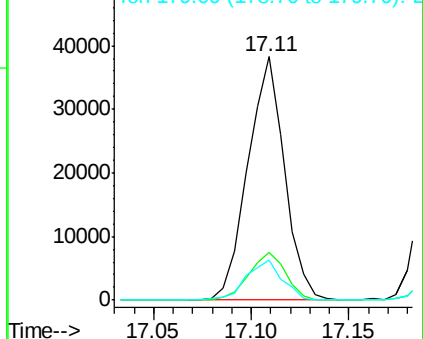
178 100

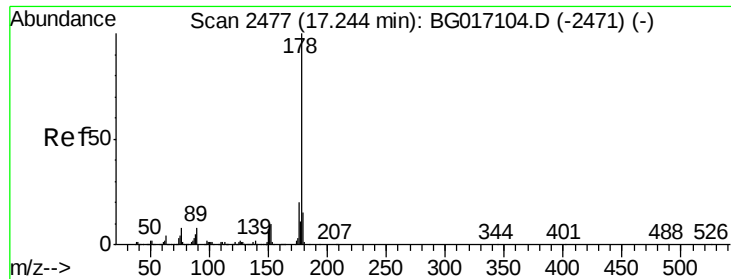
176 19.9 15.4 23.2

179 16.7 12.5 18.7



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





#71

Anthracene

Concen: 5.63 ng

RT: 17.20 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

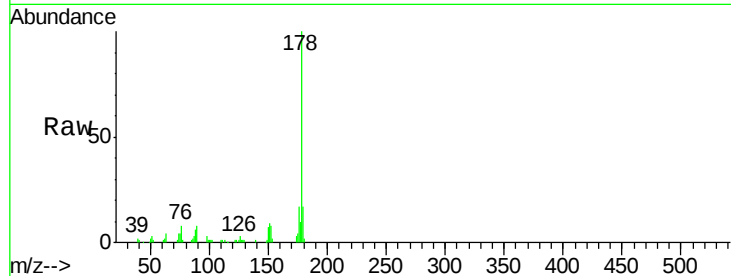
Tgt Ion:178 Resp: 49908

Ion Ratio Lower Upper

178 100

176 17.0 16.3 24.5

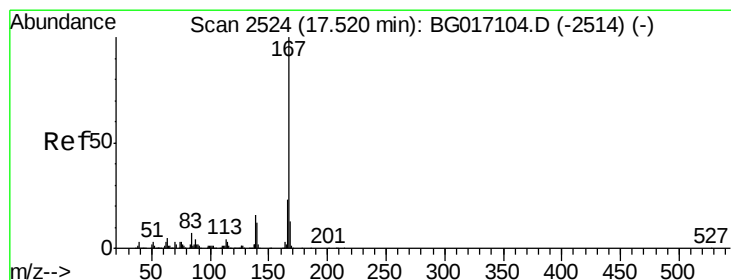
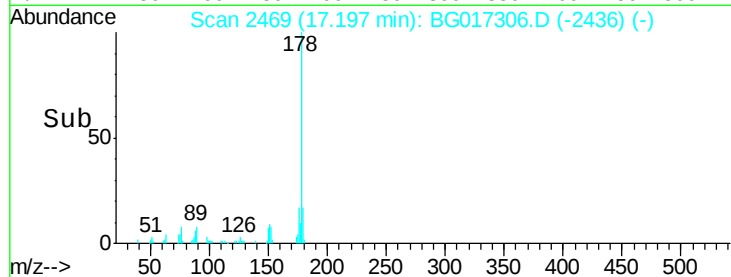
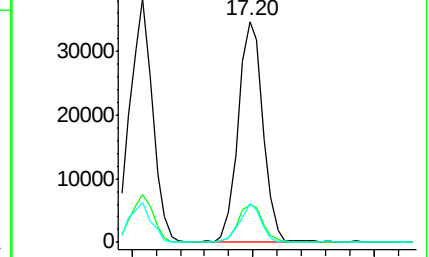
179 17.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 5.70 ng

RT: 17.48 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

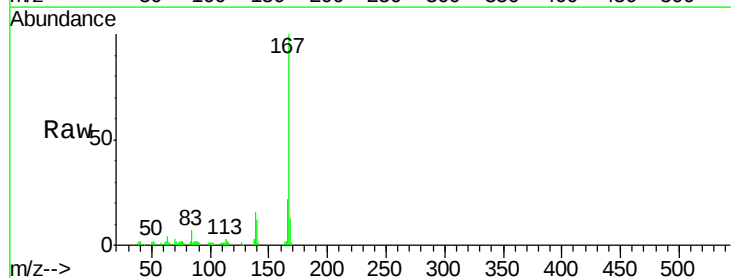
Tgt Ion:167 Resp: 46503

Ion Ratio Lower Upper

167 100

166 21.8 18.4 27.6

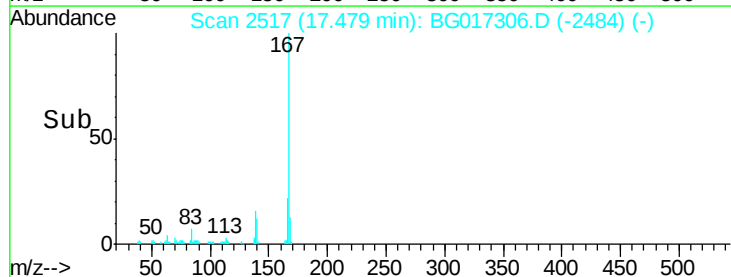
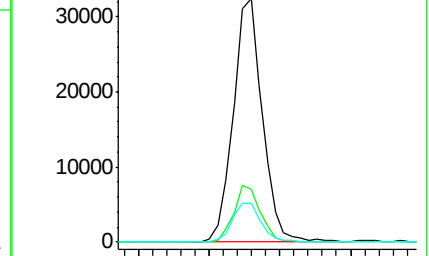
139 15.8 13.0 19.4

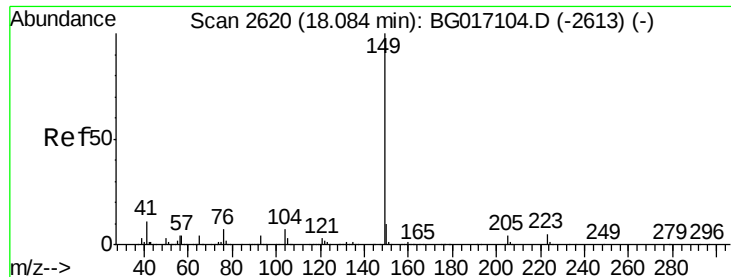


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

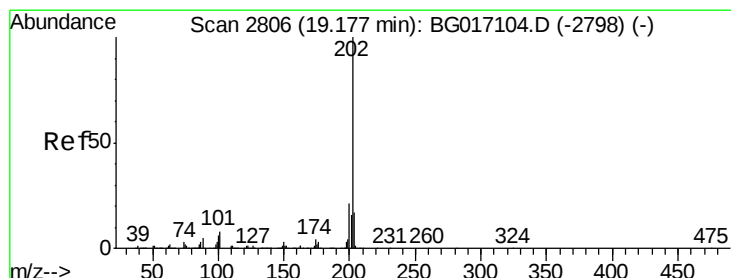
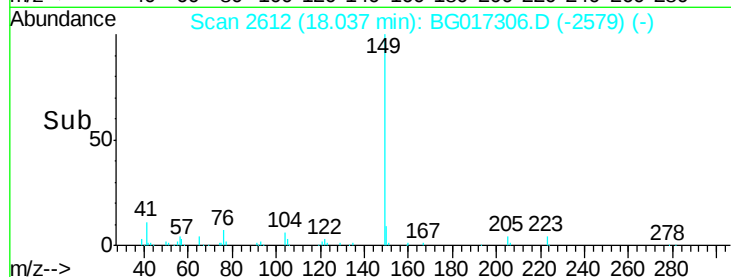
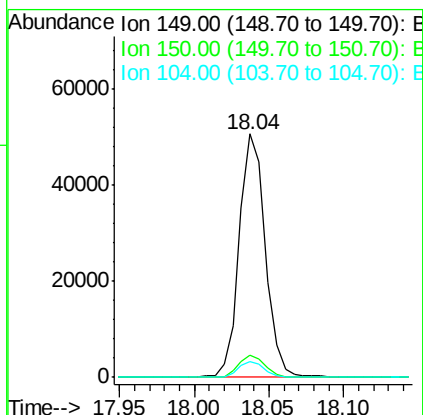
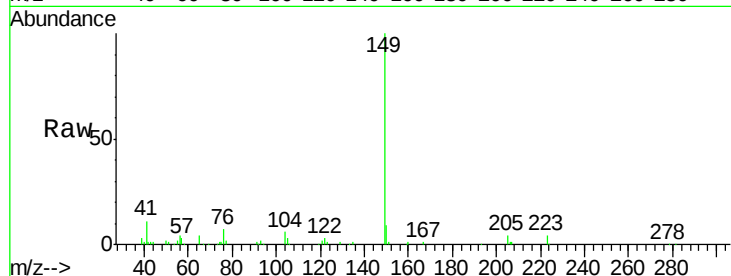




#73
Di-n-butylphthalate
Concen: 5.63 ng
RT: 18.04 min Scan# 2612
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

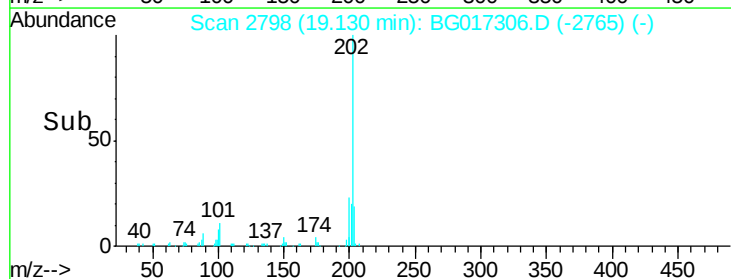
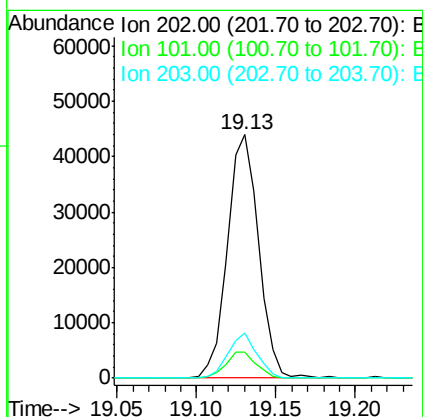
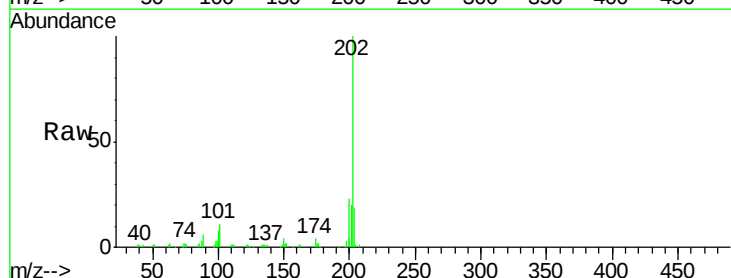
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:149 Resp: 61364
Ion Ratio Lower Upper
149 100
150 9.2 8.2 12.4
104 6.4 5.7 8.5



#74
Fluoranthene
Concen: 5.67 ng
RT: 19.13 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion:202 Resp: 59654
Ion Ratio Lower Upper
202 100
101 10.8 0.0 28.3
203 18.6 0.0 37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

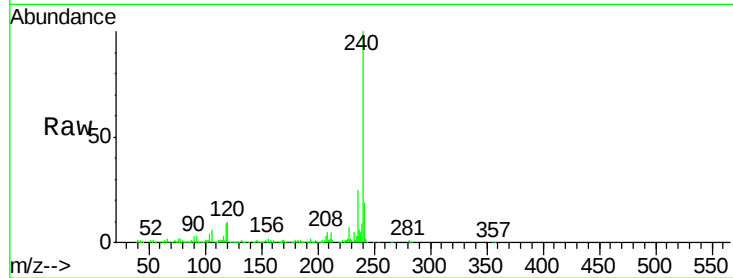
Tgt Ion:240 Resp: 195563

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

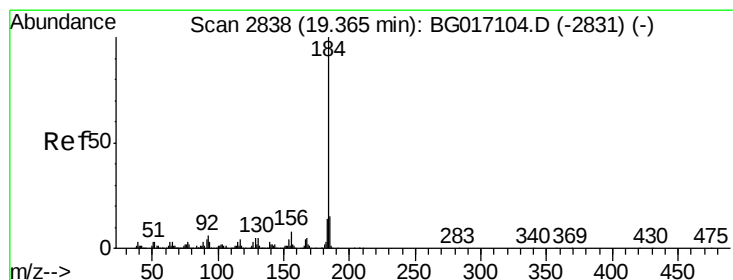
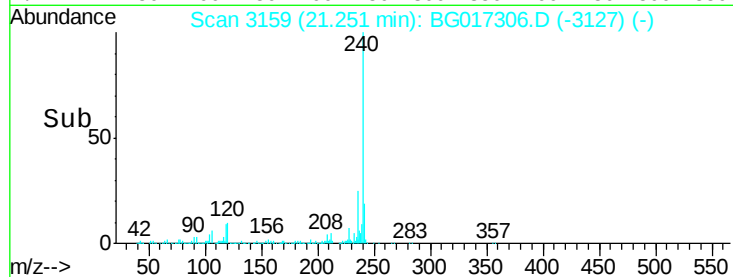
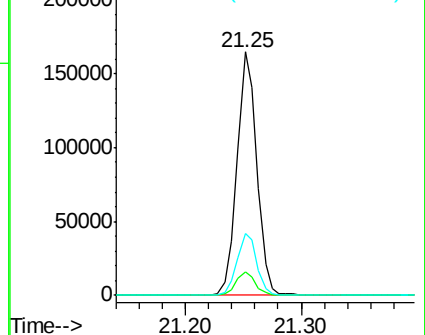
236 25.2 20.5 30.7



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: 4.20 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

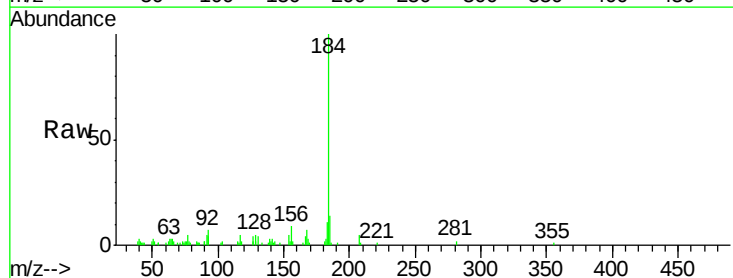
Tgt Ion:184 Resp: 26803

Ion Ratio Lower Upper

184 100

185 13.6 12.4 18.6

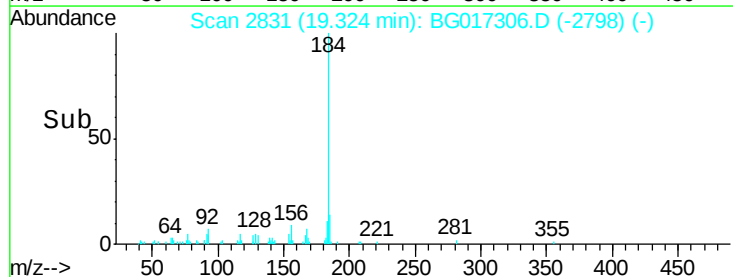
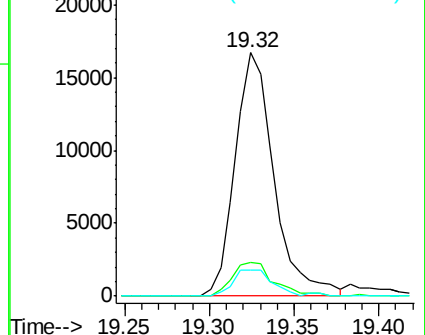
183 10.6 11.4 17.2#



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: 5.28 ng

RT: 19.49 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

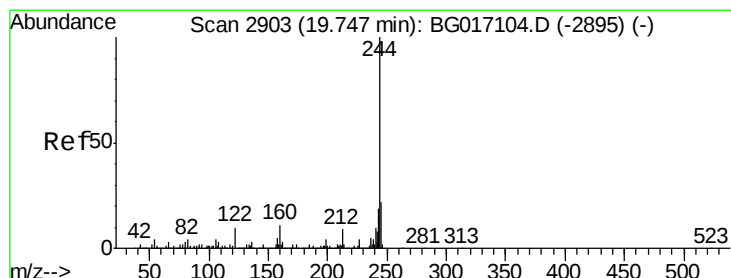
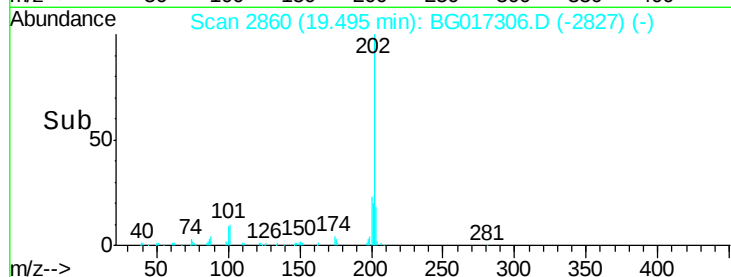
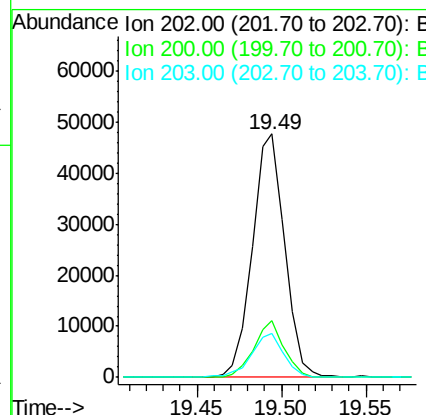
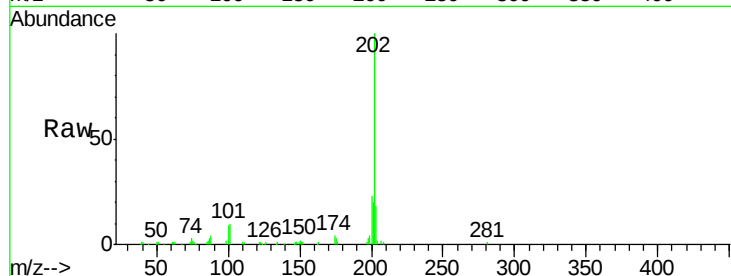
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	202	Resp:	63355
Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.8
203	17.8	14.4	21.6



#78

Terphenyl-d14

Concen: 10.31 ng

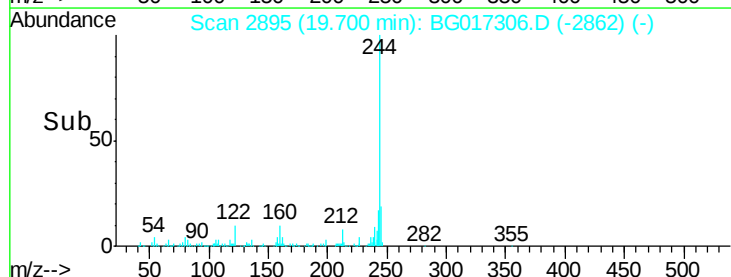
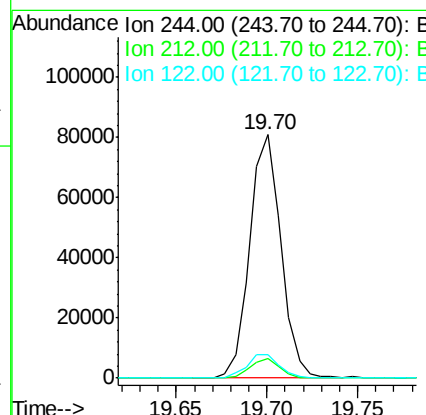
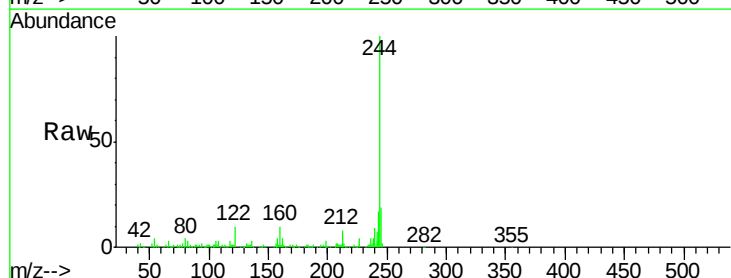
RT: 19.70 min Scan# 2895

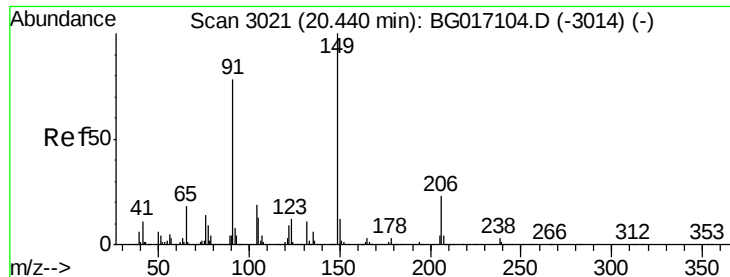
Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Tgt Ion:	244	Resp:	96758
Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.4
122	9.9	8.4	12.6





#79

Butylbenzylphthalate

Concen: 5.23 ng

RT: 20.39 min Scan# 3013

Delta R.T. -0.01 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

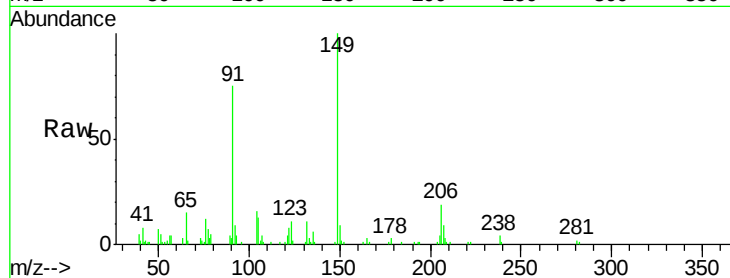
Tgt Ion:149 Resp: 28555

Ion Ratio Lower Upper

149 100

91 74.6 62.0 93.0

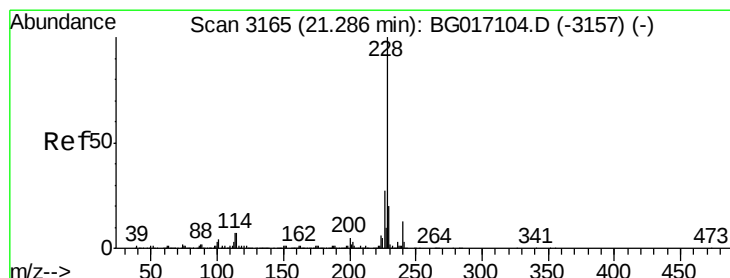
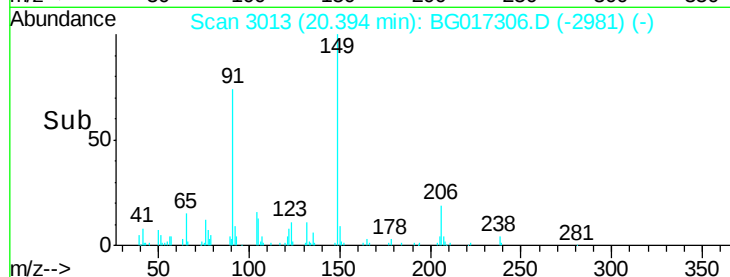
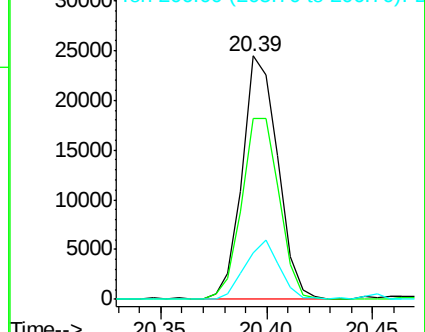
206 19.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 5.76 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

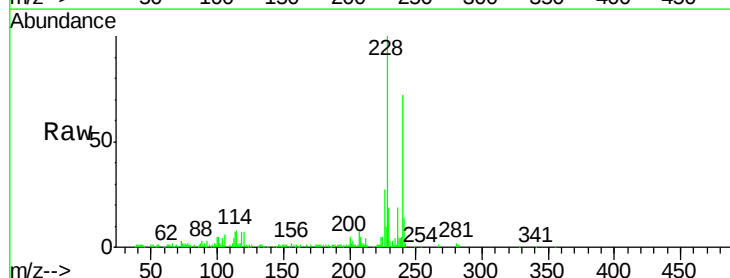
Tgt Ion:228 Resp: 64554

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

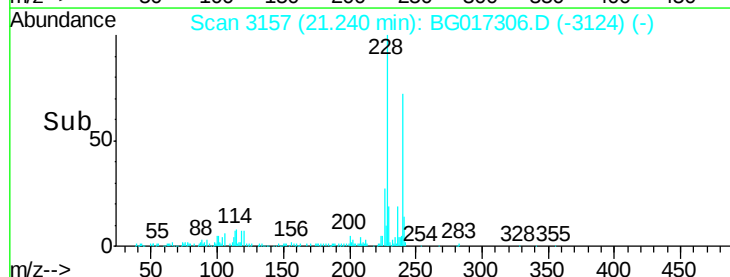
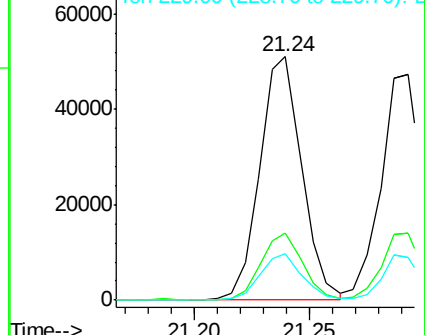
229 19.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

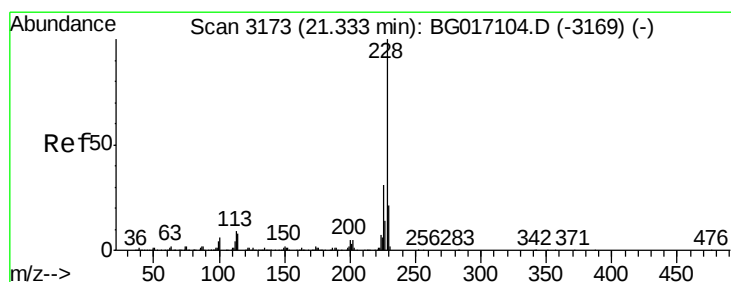
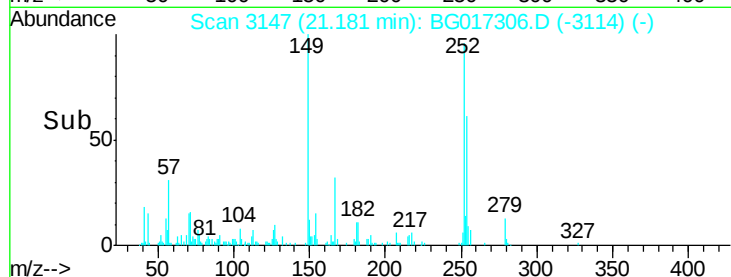
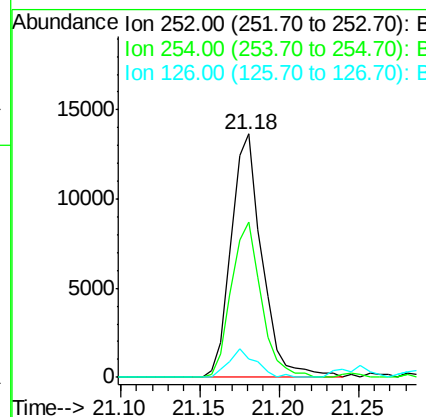
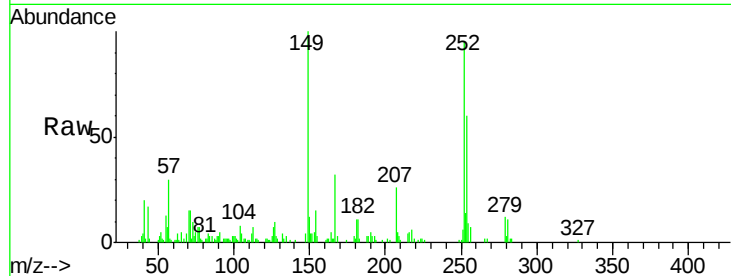




#81
 3,3'-Dichlorobenzidine
 Concen: 4.26 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

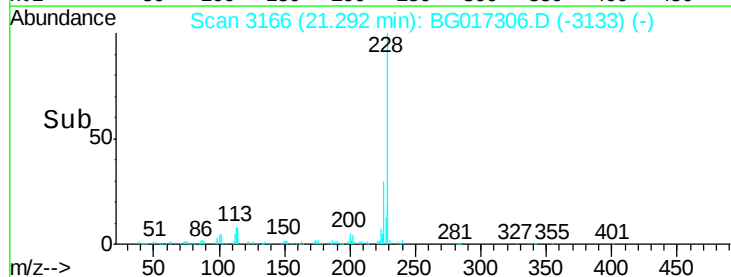
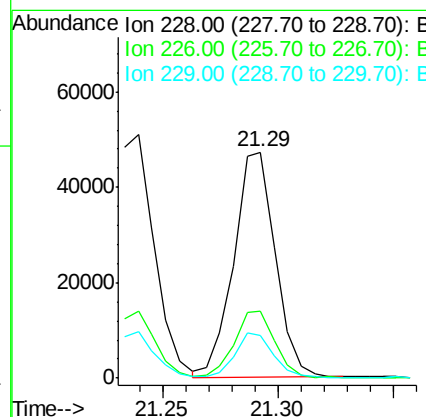
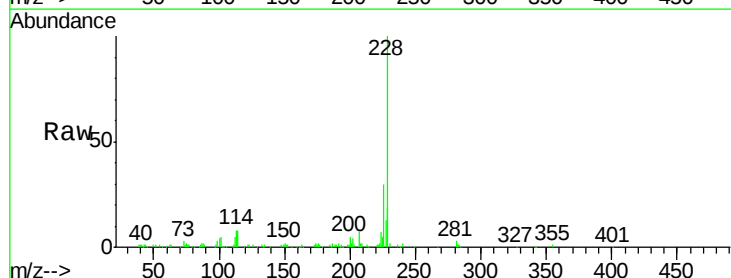
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

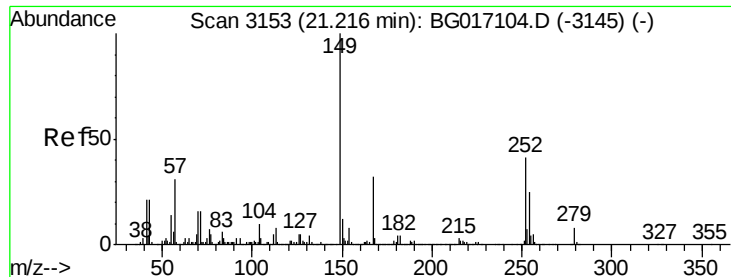
Tgt Ion:252 Resp: 18456
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.1 78.1
 126 7.7 8.8 13.2#



#82
 Chrysene
 Concen: 5.67 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion:228 Resp: 59199
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.8 37.2
 229 18.9 17.0 25.6

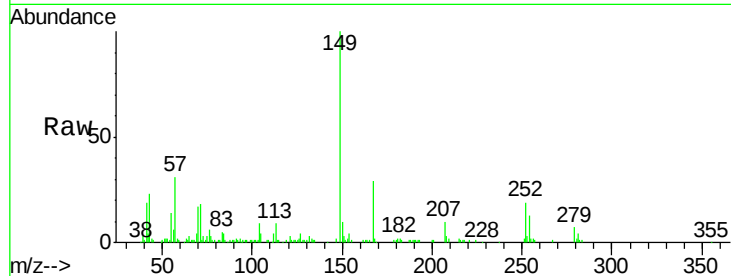




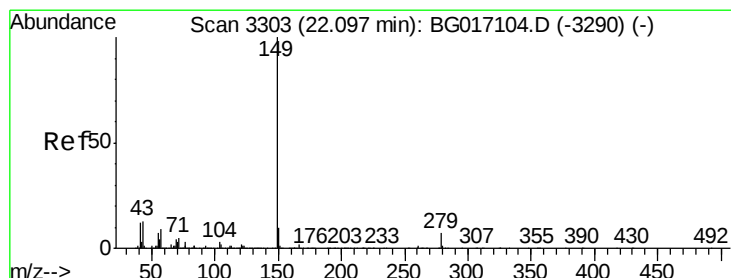
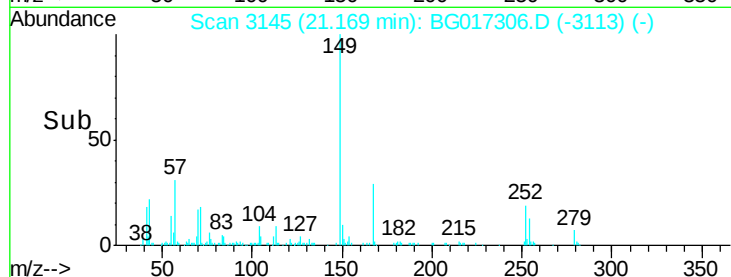
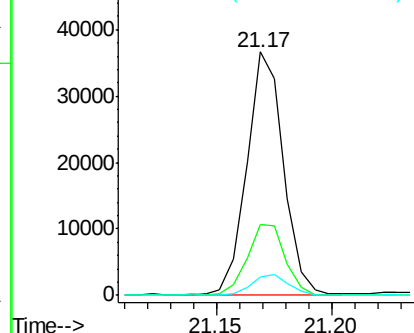
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.25 ng
 RT: 21.17 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	25.4	38.2
279	7.3	6.8	10.2

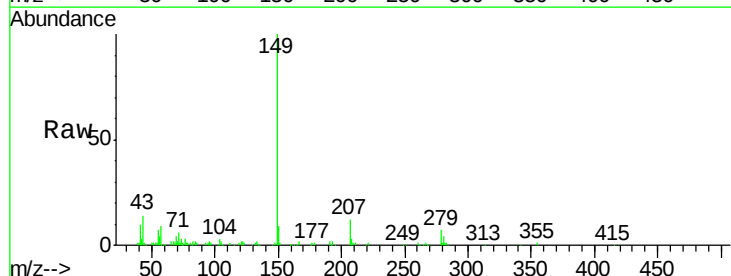


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

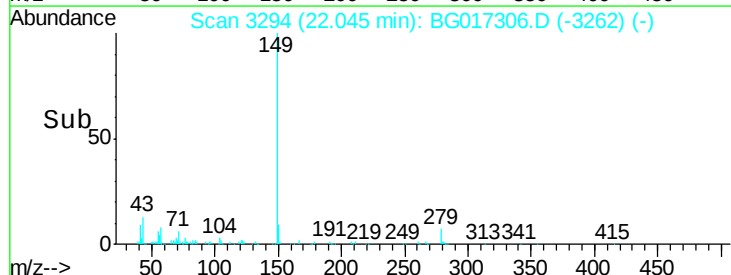
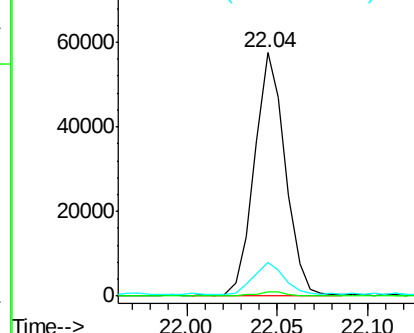


#84
 Di-n-octyl phthalate
 Concen: 5.29 ng
 RT: 22.04 min Scan# 3294
 Delta R.T. -0.01 min
 Lab File: BG017306.D
 Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.4	2.0#
43	12.8	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.18 ng

RT: 25.78 min Scan# 3929

Delta R.T. -0.04 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

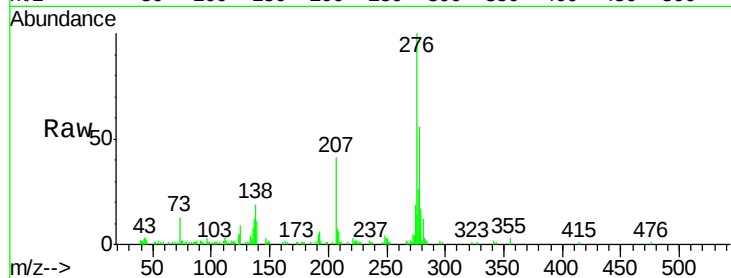
Tgt Ion:276 Resp: 64694

Ion Ratio Lower Upper

276 100

138 22.4 16.0 24.0

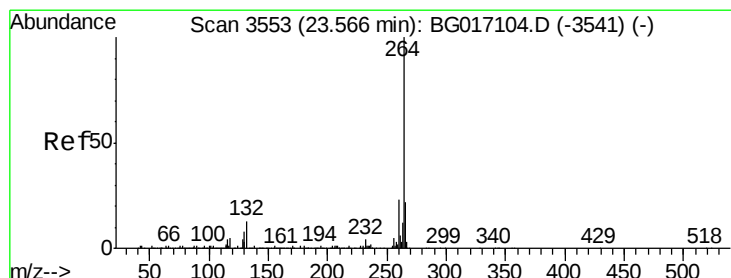
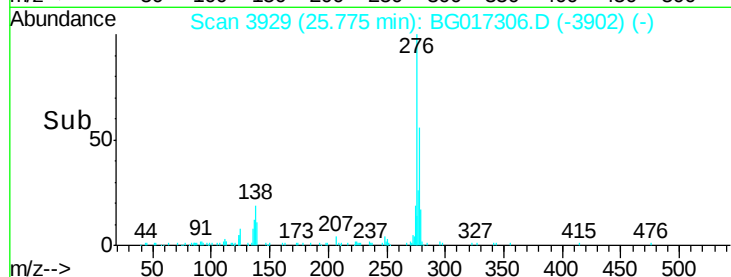
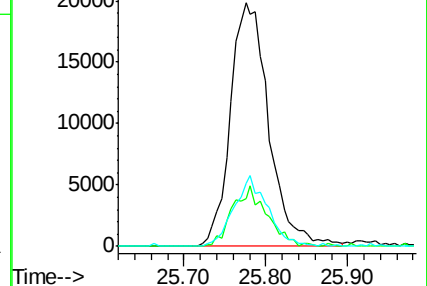
277 25.5 20.9 31.3



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: 23.50 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

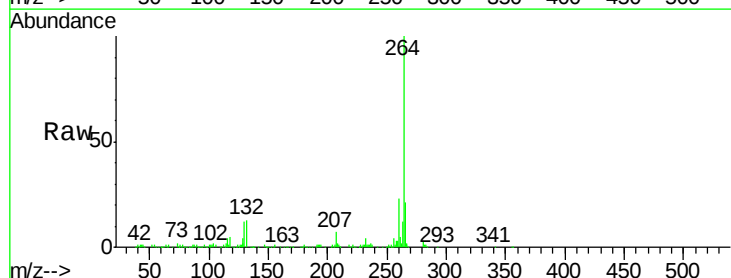
Tgt Ion:264 Resp: 190571

Ion Ratio Lower Upper

264 100

260 22.8 18.0 27.0

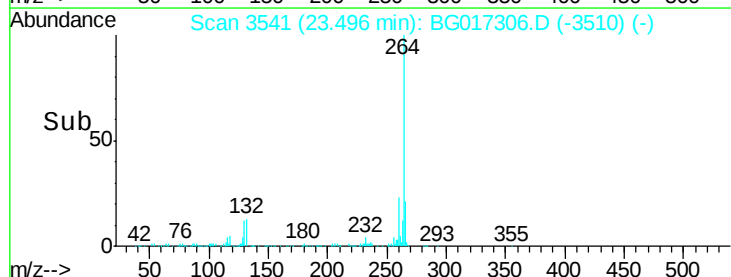
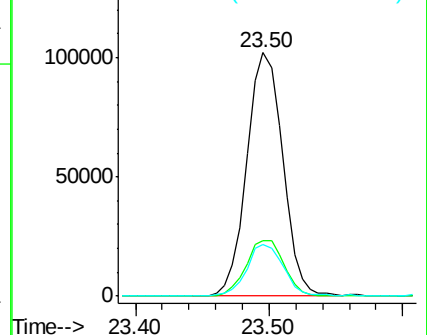
265 21.3 17.4 26.0

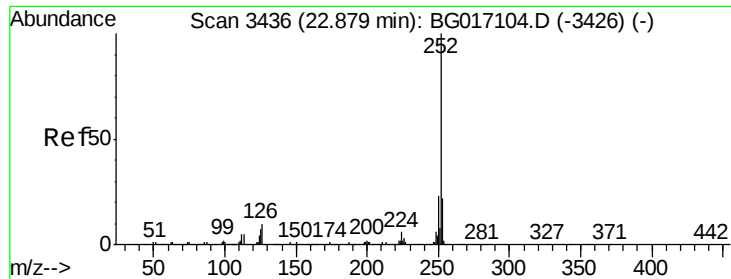


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

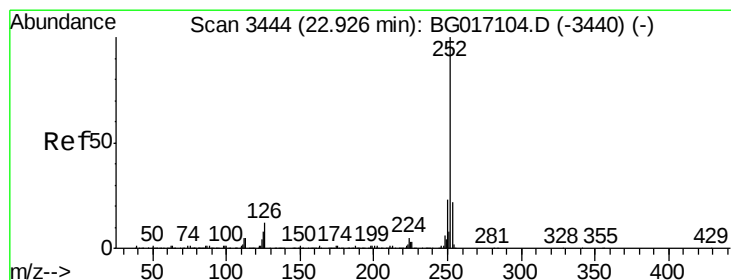
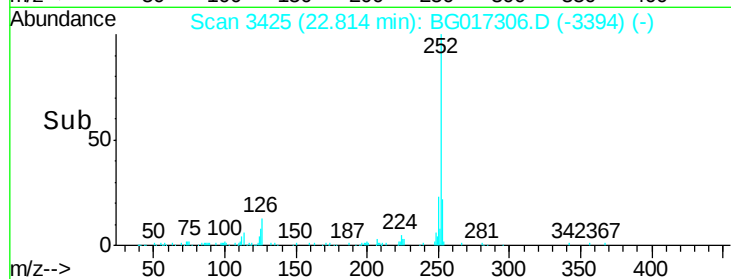
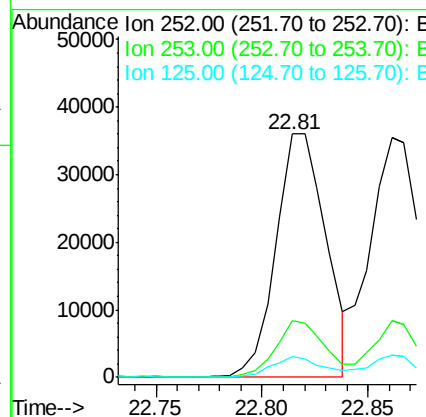
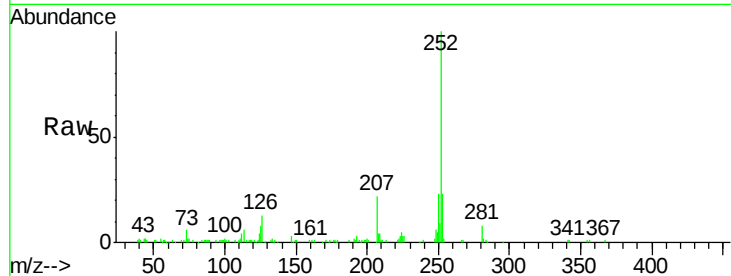




#87
Benzo(b)fluoranthene
Concen: 5.34 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.02 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

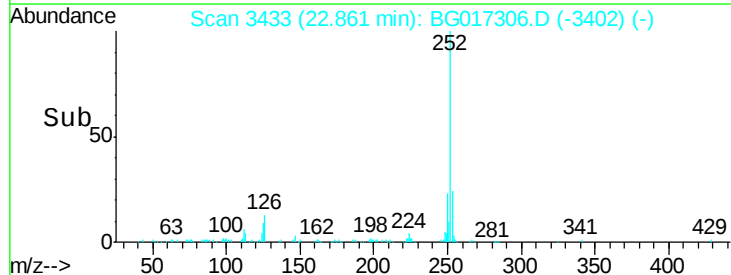
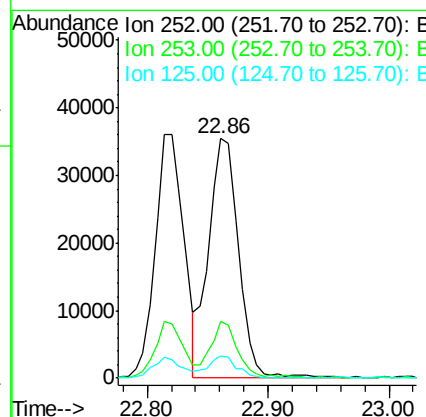
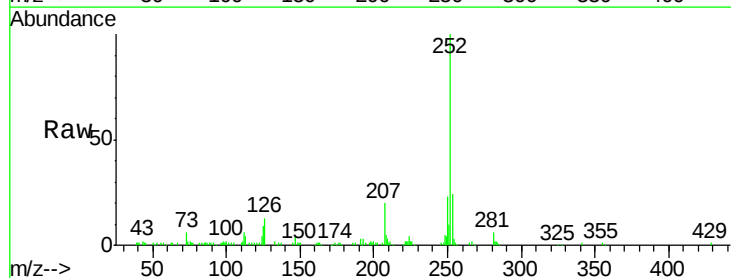
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

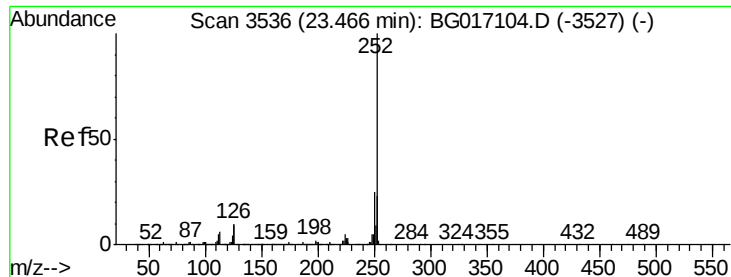
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	8.4	5.9	8.9



#88
Benzo(k)fluoranthene
Concen: 5.78 ng
RT: 22.86 min Scan# 3433
Delta R.T. -0.02 min
Lab File: BG017306.D
Acq: 27 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	9.4	6.4	9.6





#89

Benzo(a)pyrene

Concen: 5.45 ng

RT: 23.40 min Scan# 3524

Delta R.T. -0.02 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

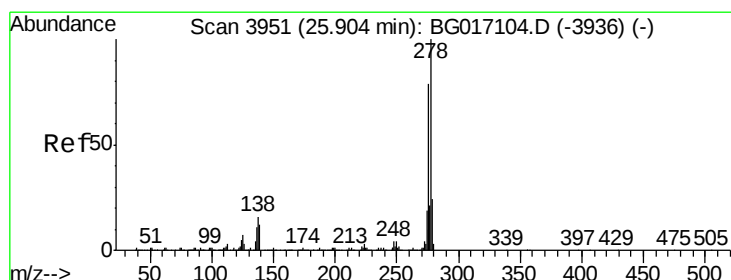
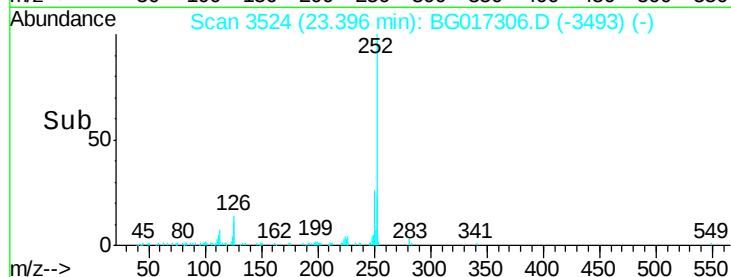
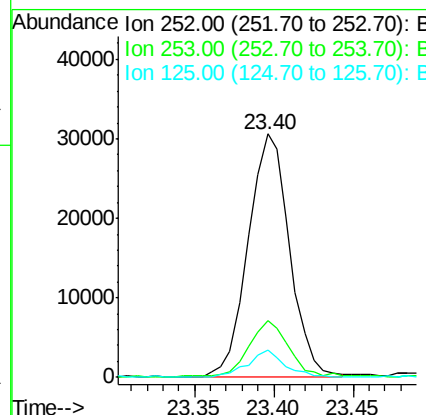
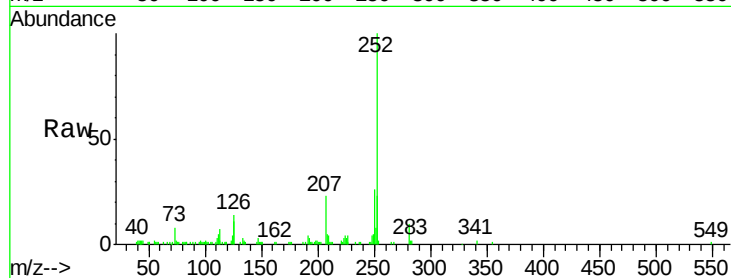
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	252	Resp:	55580
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.2	7.2	10.8#



#90

Dibenzo(a,h)anthracene

Concen: 5.11 ng

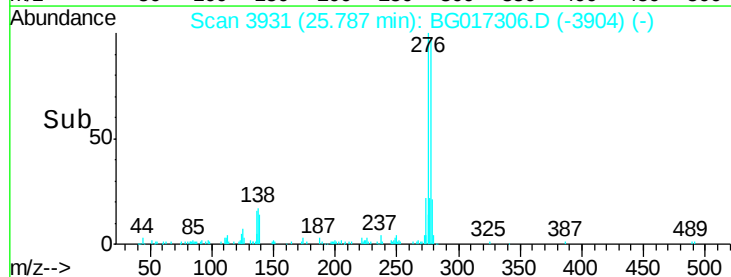
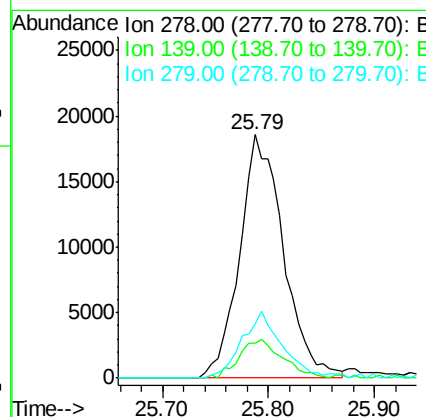
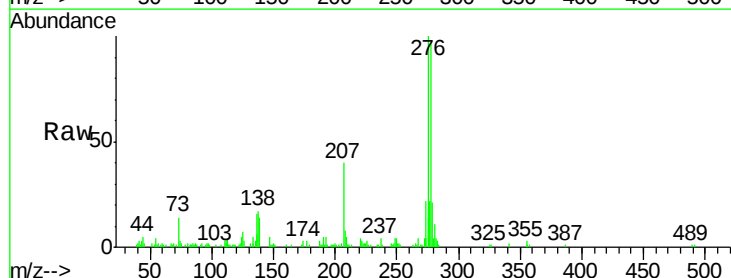
RT: 25.79 min Scan# 3931

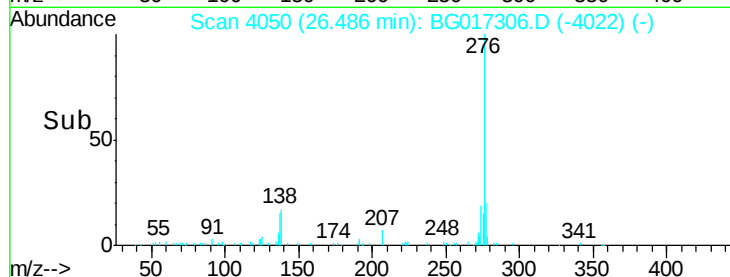
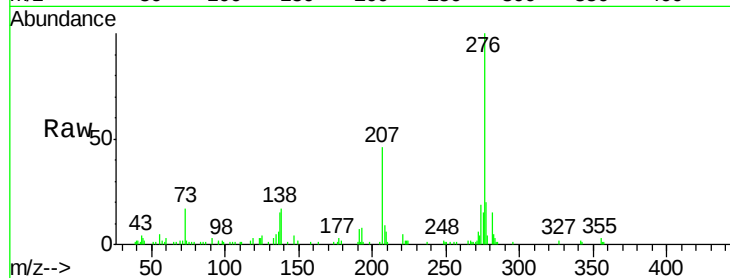
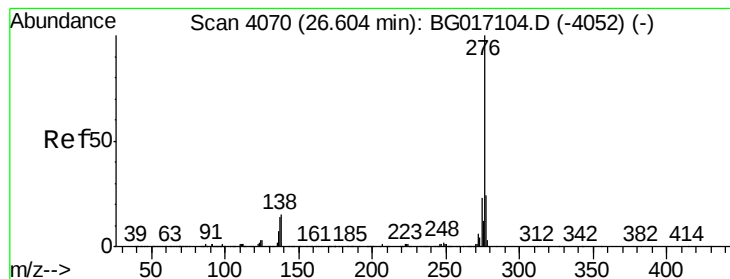
Delta R.T. -0.04 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Tgt Ion:	278	Resp:	53499
Ion	Ratio	Lower	Upper
278	100		
139	14.5	9.4	14.2#
279	22.1	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 5.36 ng

RT: 26.49 min Scan# 4050

Delta R.T. -0.03 min

Lab File: BG017306.D

Acq: 27 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion: 276 Resp: 52798

Ion Ratio Lower Upper

276 100

277 19.8 18.9 28.3

138 17.3 11.8 17.8

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

