

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017288.D
 Acq On : 26 May 2015 21:33
 Operator : TP/IZ
 Sample : PB83579BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Quant Time: May 27 03:24:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	16544	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	71585	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	46846	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	127613	20.00	ng	0.00
75) Chrysene-d12	21.25	240	150859	20.00	ng	-0.01
86) Perylene-d12	23.50	264	147658	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	19176	20.56	ng	0.00
7) Phenol-d6	6.87	99	25328	19.36	ng	0.00
23) Nitrobenzene-d5	8.82	82	16452	10.73	ng	-0.01
41) 2,4,6-Tribromophenol	15.82	330	12525	22.12	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	38360	12.02	ng	0.00
78) Terphenyl-d14	19.70	244	81975	11.32	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	2325	6.32	ng	# 86
3) Pyridine	3.53	79	6142	5.52	ng	99
4) n-Nitrosodimethylamine	3.44	42	4146	4.91	ng	# 89
6) Aniline	6.99	93	7067	3.90	ng	95
8) 2-Chlorophenol	7.23	128	6611	5.93	ng	92
10) Phenol	6.90	94	8932	6.44	ng	89
11) bis(2-Chloroethyl)ether	7.09	93	6833	6.57	ng	92
12) 1,3-Dichlorobenzene	7.55	146	7110	5.71	ng	91
13) 1,4-Dichlorobenzene	7.70	146	7571	6.02	ng	94
14) 1,2-Dichlorobenzene	8.01	146	7515	6.26	ng	94
15) Benzyl Alcohol	7.91	79	6938	5.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.21	45	9952	5.90	ng	91
17) 2-Methylphenol	8.13	107	5769	5.73	ng	94
18) Hexachloroethane	8.73	117	3261	6.21	ng	# 79
19) n-Nitroso-di-n-propylamine	8.47	70	5527	4.85	ng	# 91
20) 3+4-Methylphenols	8.46	107	7895	5.65	ng	95
22) Acetophenone	8.48	105	9817	5.65	ng	# 88
24) Nitrobenzene	8.87	77	8483	5.65	ng	# 94
25) Isophorone	9.38	82	13785	4.88	ng	98
26) 2-Nitrophenol	9.57	139	4074	6.07	ng	# 84
27) 2,4-Dimethylphenol	9.65	122	6696	6.07	ng	88
28) bis(2-Chloroethoxy)methane	9.88	93	8060	5.86	ng	99
29) 2,4-Dichlorophenol	10.12	162	6891	6.62	ng	81
30) 1,2,4-Trichlorobenzene	10.32	180	6317	5.35	ng	95
31) Naphthalene	10.51	128	20304	5.80	ng	98
32) Benzoic acid	9.75	122	3118	4.17	ng	87
33) 4-Chloroaniline	10.63	127	7140	4.31	ng	# 92
34) Hexachlorobutadiene	10.79	225	4107	5.49	ng	# 77
35) Caprolactam	11.37	113	2849	5.44	ng	97
36) 4-Chloro-3-methylphenol	11.78	107	8664	6.59	ng	88
37) 2-Methylnaphthalene	12.13	142	15279	5.50	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	7342	5.54	ng	94
40) Hexachlorocyclopentadiene	12.48	237	6875	8.50	ng	87
42) 2,4,6-Trichlorophenol	12.76	196	5805	6.17	ng	97

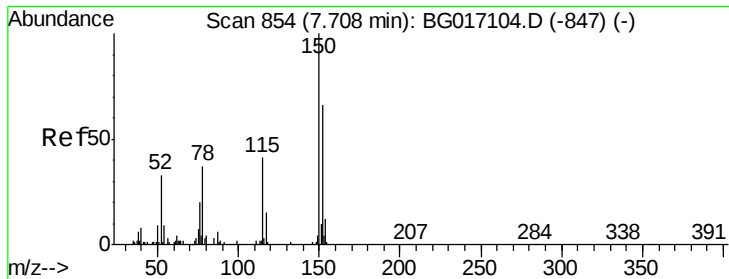
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.84	196	6507	6.72	ng	# 95
45) 1,1'-Biphenyl	13.15	154	19276	5.71	ng	95
46) 2-Chloronaphthalene	13.19	162	15831	5.93	ng	# 90
47) 2-Nitroaniline	13.41	65	5977	5.75	ng	# 79
48) Acenaphthylene	14.04	152	27436	6.00	ng	# 95
49) Dimethylphthalate	13.78	163	22125	6.04	ng	96
50) 2,6-Dinitrotoluene	13.91	165	5175	6.38	ng	88
51) Acenaphthene	14.38	154	16183	5.99	ng	94
52) 3-Nitroaniline	14.24	138	5368	5.96	ng	# 95
53) 2,4-Dinitrophenol	14.45	184	3455	7.33	ng	# 78
54) Dibenzofuran	14.72	168	25836	6.43	ng	99
55) 4-Nitrophenol	14.59	139	9110	12.56	ng	95
56) 2,4-Dinitrotoluene	14.69	165	7905	6.98	ng	# 79
57) Fluorene	15.37	166	23834	6.70	ng	# 87
58) 2,3,4,6-Tetrachlorophenol	14.96	232	5997	6.75	ng	# 98
59) Diethylphthalate	15.15	149	24215	6.15	ng	100
60) 4-Chlorophenyl-phenylether	15.37	204	11184	6.12	ng	100
61) 4-Nitroaniline	15.40	138	6664	6.63	ng	# 84
62) Azobenzene	15.66	77	25153	6.69	ng	92
64) 4,6-Dinitro-2-methylphenol	15.46	198	3745	4.28	ng	93
65) n-Nitrosodiphenylamine	15.59	169	20020	5.11	ng	89
66) 4-Bromophenyl-phenylether	16.26	248	6687	4.80	ng	96
67) Hexachlorobenzene	16.37	284	8277	5.64	ng	91
68) Atrazine	16.54	200	9213	6.43	ng	91
69) Pentachlorophenol	16.73	266	8295	9.05	ng	95
70) Phenanthrene	17.11	178	39477	6.00	ng	98
71) Anthracene	17.20	178	39415	5.91	ng	96
72) Carbazole	17.48	167	38819	6.33	ng	95
73) Di-n-butylphthalate	18.04	149	52788	6.44	ng	98
74) Fluoranthene	19.13	202	51280	6.49	ng	100
76) Benzidine	19.32	184	26435	5.37	ng	# 91
77) Pyrene	19.49	202	53913	5.82	ng	93
79) Butylbenzylphthalate	20.40	149	23341	5.55	ng	94
80) Benzo(a)anthracene	21.24	228	50697	5.86	ng	97
81) 3,3'-Dichlorobenzidine	21.18	252	15035	4.49	ng	97
82) Chrysene	21.29	228	48812	6.06	ng	96
83) Bis(2-ethylhexyl)phthalate	21.17	149	35077	5.86	ng	99
84) Di-n-octyl phthalate	22.05	149	59238	5.95	ng	# 98
85) Indeno(1,2,3-cd)pyrene	25.78	276	56478	5.86	ng	# 94
87) Benzo(b)fluoranthene	22.87	252	47647	5.54	ng	98
88) Benzo(k)fluoranthene	22.87	252	47647	5.83	ng	97
89) Benzo(a)pyrene	23.40	252	49534	6.27	ng	94
90) Dibenzo(a,h)anthracene	25.80	278	46538	5.73	ng	# 97
91) Benzo(g,h,i)perylene	26.48	276	45243	5.92	ng	96

(#) = 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

Lab File: BG017288.D

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PB83579BSD

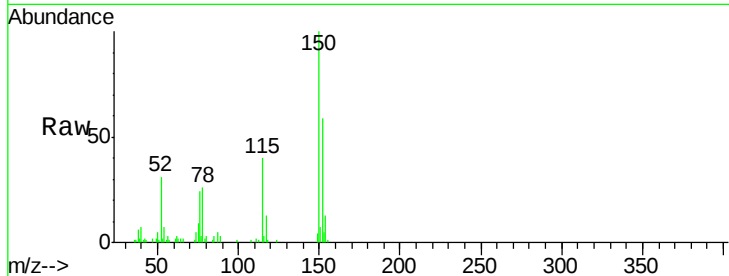
Tgt Ion:152 Resp: 16544

Ion Ratio Lower Upper

152 100

150 169.6 120.8 181.2

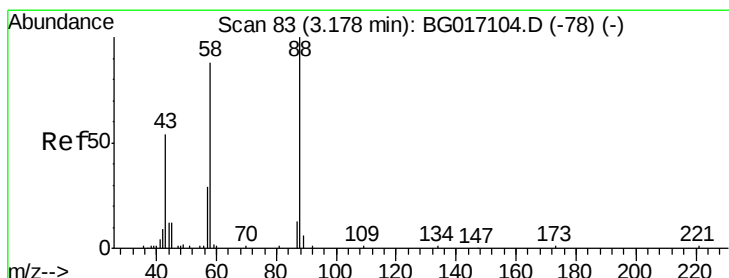
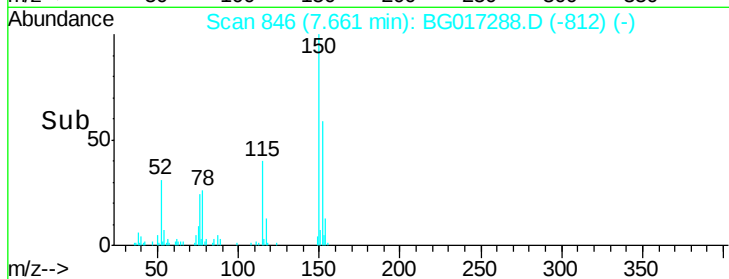
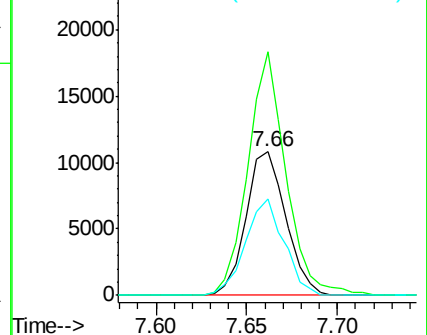
115 67.4 49.4 74.2



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: 6.32 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

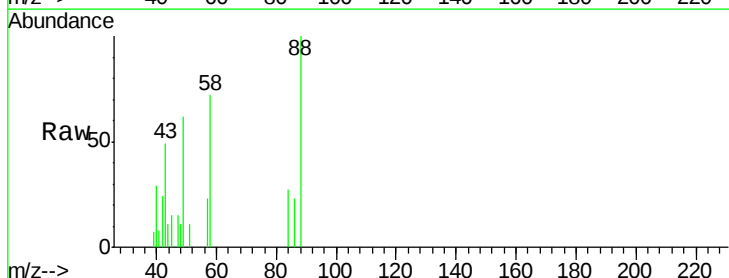
Tgt Ion: 88 Resp: 2325

Ion Ratio Lower Upper

88 100

58 93.0 68.6 103.0

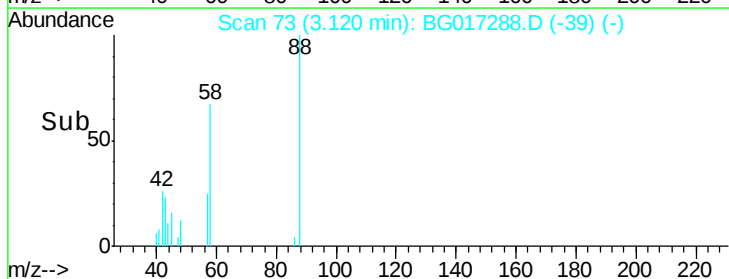
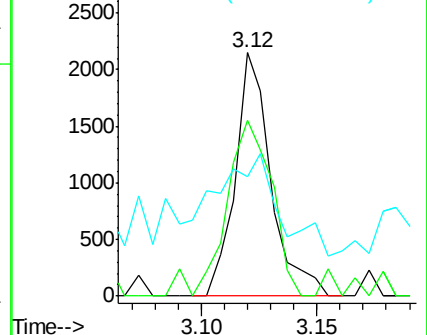
43 67.1 40.3 60.5#



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: 5.52 ng

RT: 3.53 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

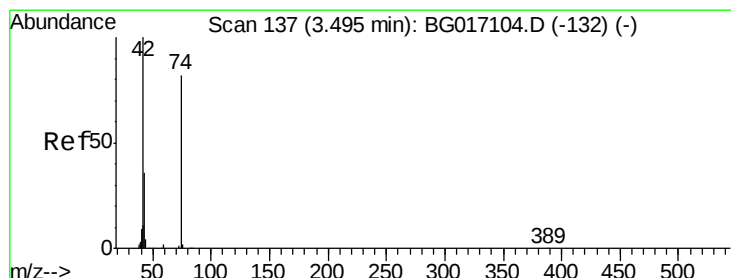
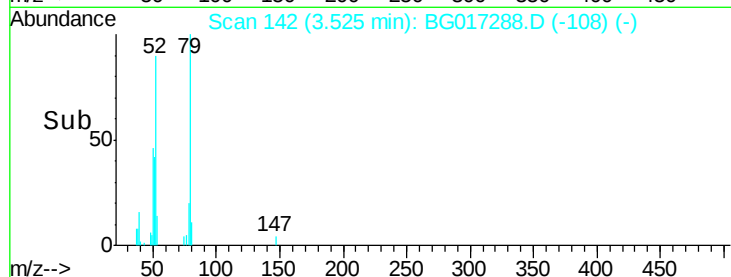
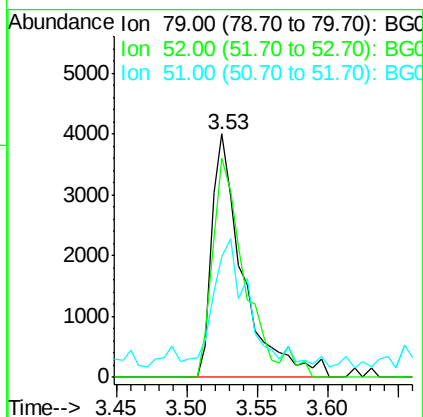
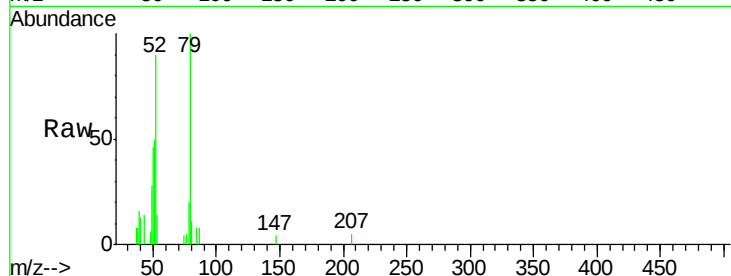
Tgt Ion: 79 Resp: 6142

Ion Ratio Lower Upper

79 100

52 90.1 72.2 108.2

51 49.6 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 4.91 ng

RT: 3.44 min Scan# 128

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

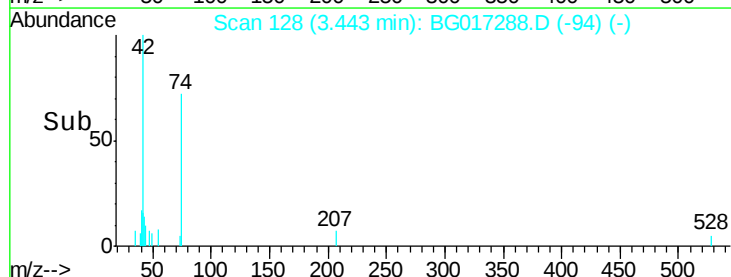
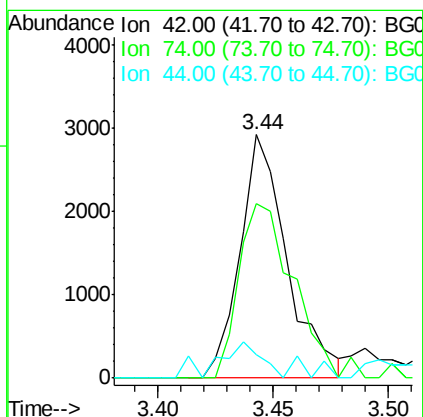
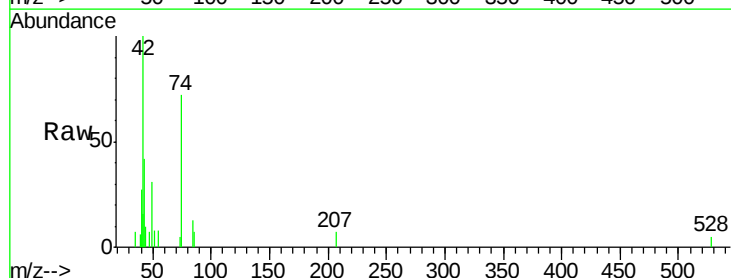
Tgt Ion: 42 Resp: 4146

Ion Ratio Lower Upper

42 100

74 71.7 65.2 97.8

44 9.8 3.2 4.8#





#5

2-Fluorophenol

Concen: 20.56 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

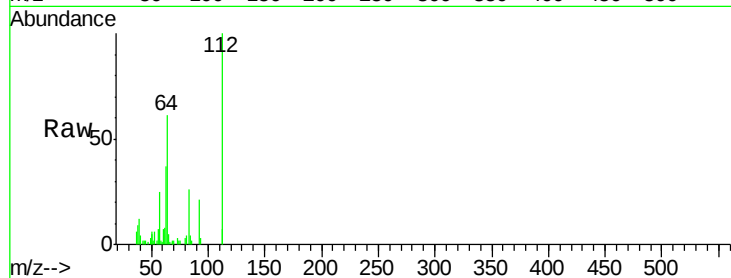
Tgt Ion: 112 Resp: 19176

Ion Ratio Lower Upper

112 100

64 60.5 48.1 72.1

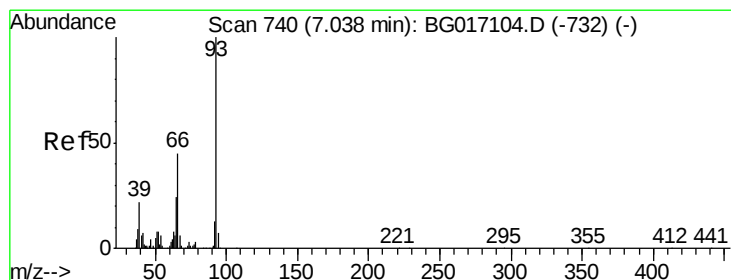
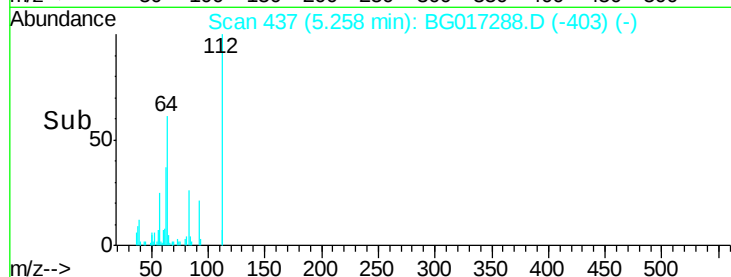
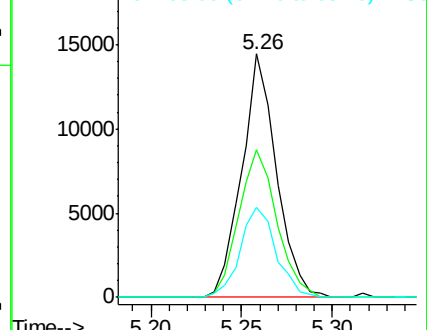
63 36.9 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.90 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

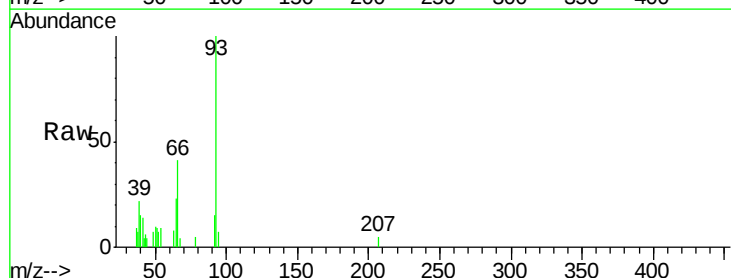
Tgt Ion: 93 Resp: 7067

Ion Ratio Lower Upper

93 100

66 40.5 35.8 53.8

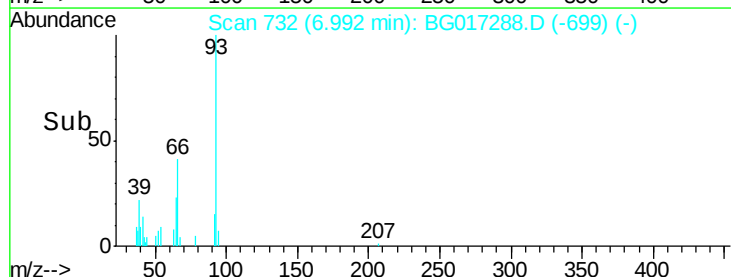
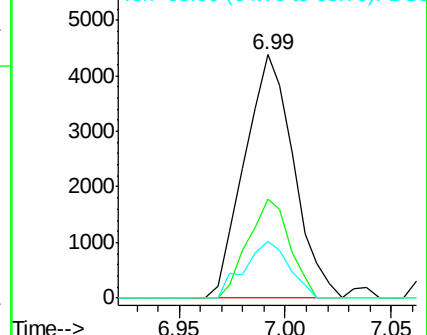
65 23.1 19.2 28.8

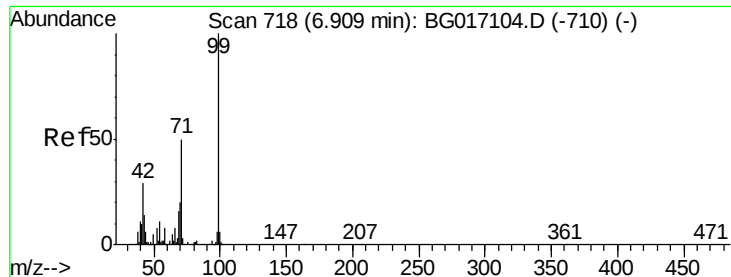


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 19.36 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

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ClientSampleId :

PB83579BSD

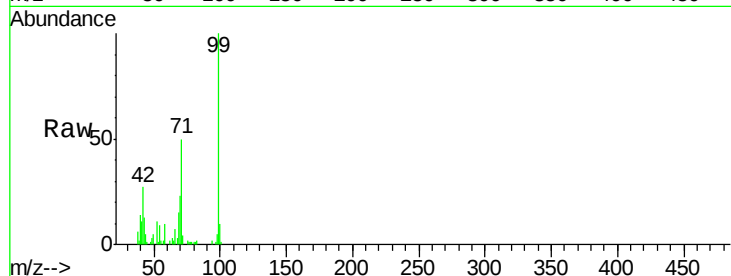
Tgt Ion: 99 Resp: 25328

Ion Ratio Lower Upper

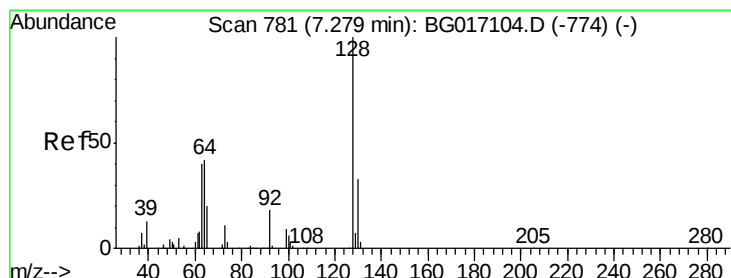
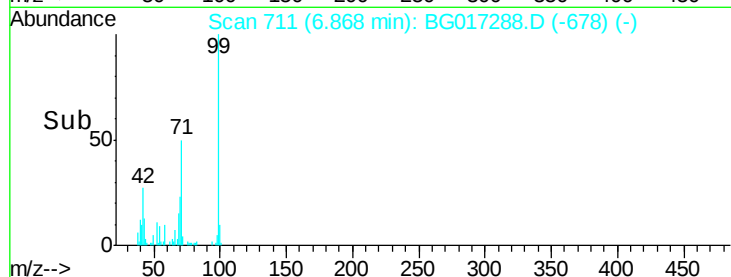
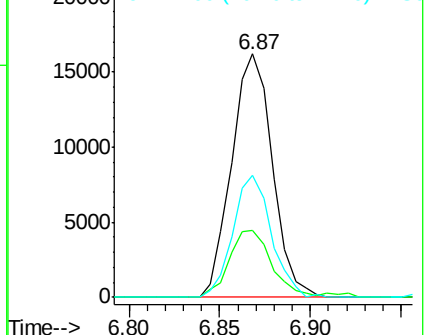
99 100

42 27.3 23.5 35.3

71 49.9 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: 5.93 ng

RT: 7.23 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

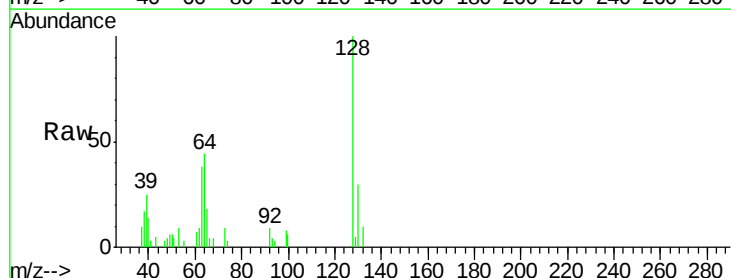
Tgt Ion: 128 Resp: 6611

Ion Ratio Lower Upper

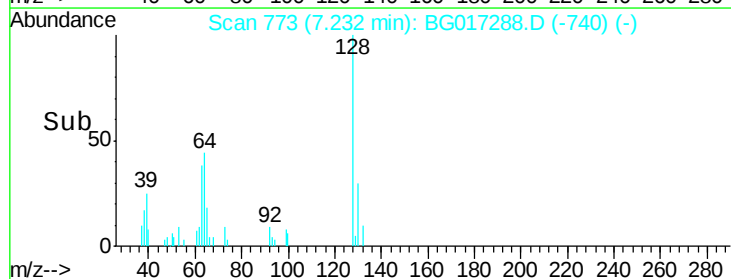
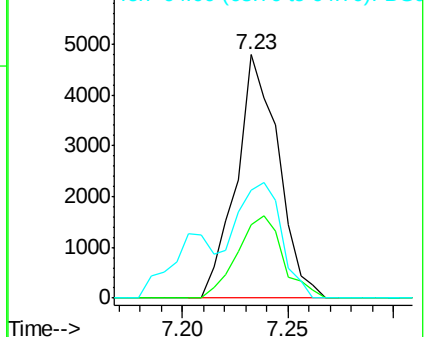
128 100

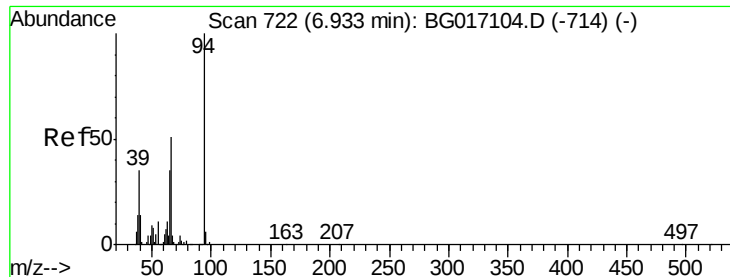
130 30.0 13.3 53.3

64 44.2 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





#10

Phenol

Concen: 6.44 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

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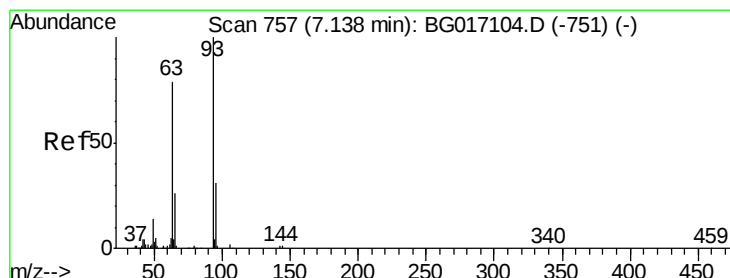
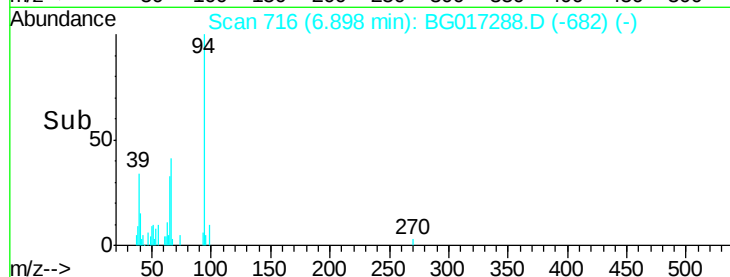
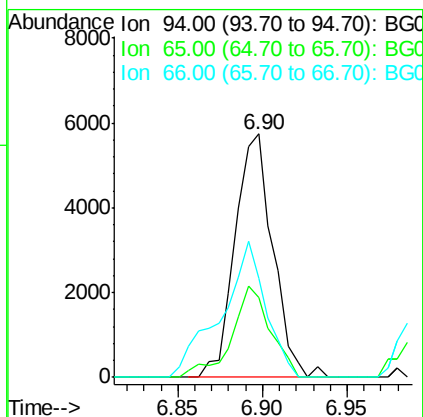
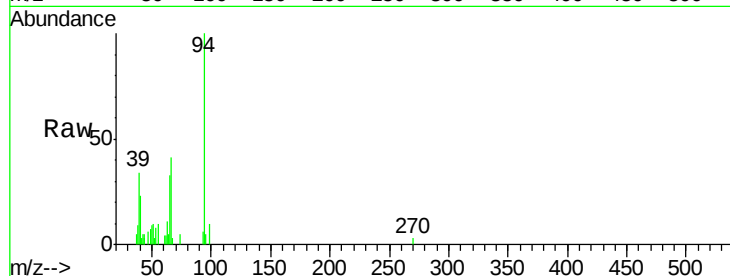
Tgt Ion: 94 Resp: 8932

Ion Ratio Lower Upper

94 100

65 32.6 15.0 55.0

66 40.8 32.1 72.1



#11

bis(2-Chloroethyl)ether

Concen: 6.57 ng

RT: 7.09 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

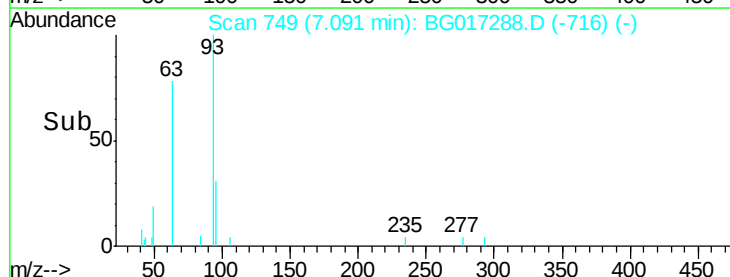
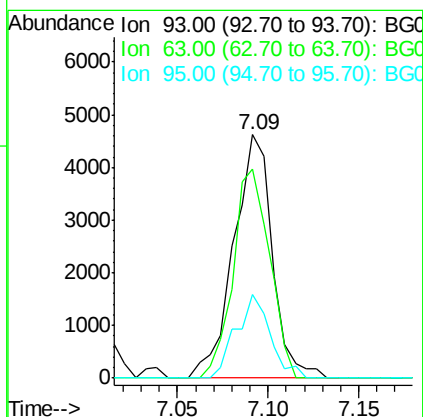
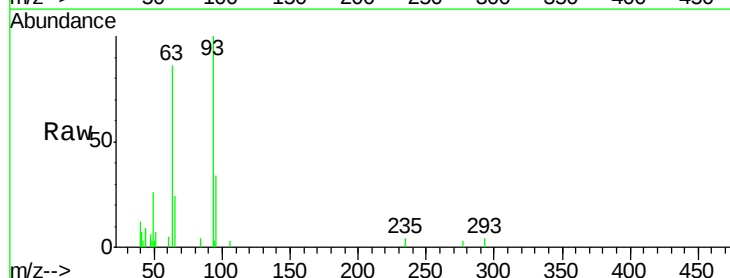
Tgt Ion: 93 Resp: 6833

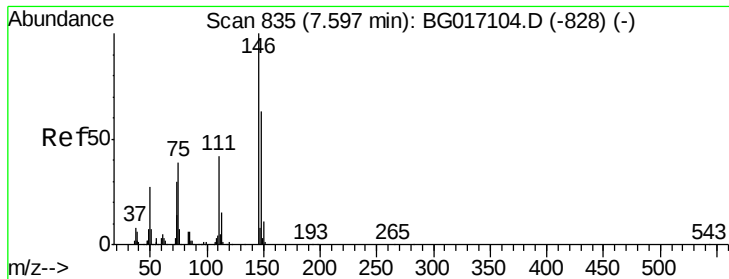
Ion Ratio Lower Upper

93 100

63 85.7 58.5 98.5

95 34.3 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 5.71 ng

RT: 7.55 min Scan# 827

Delta R.T. 0.00 min

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Acq: 26 May 2015 21:33

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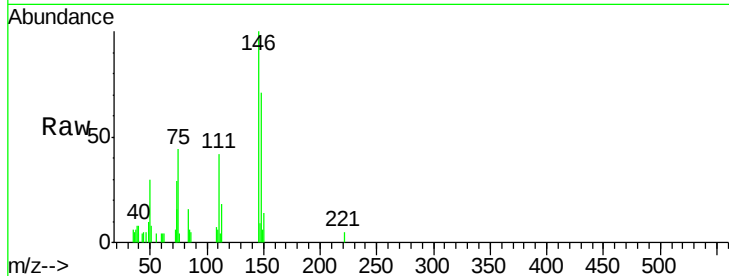
Tgt Ion:146 Resp: 7110

Ion Ratio Lower Upper

146 100

148 70.8 50.6 75.8

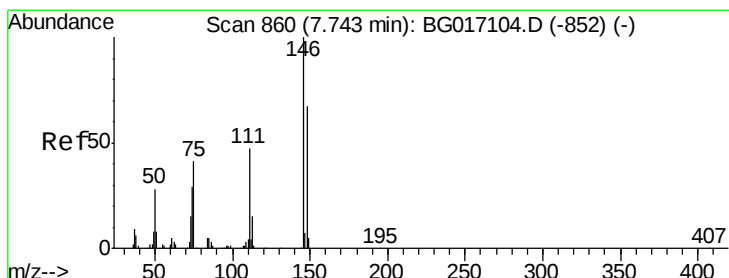
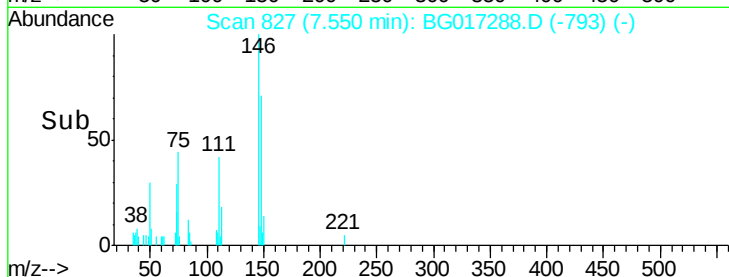
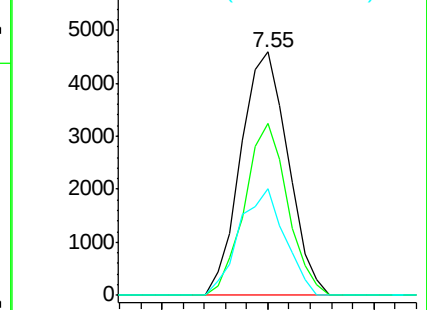
75 43.7 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 6.02 ng

RT: 7.70 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

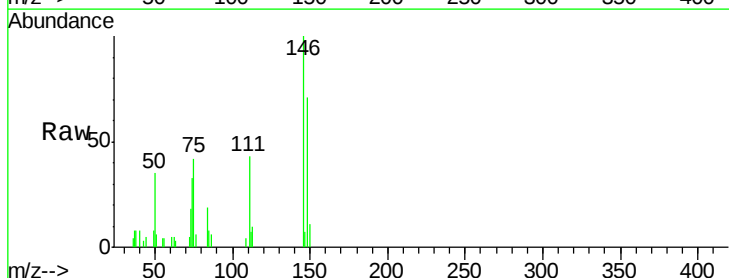
Tgt Ion:146 Resp: 7571

Ion Ratio Lower Upper

146 100

148 71.4 53.9 80.9

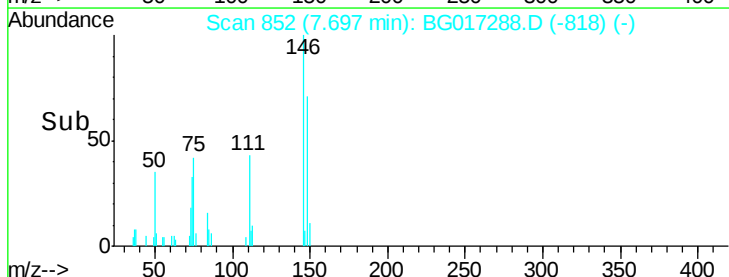
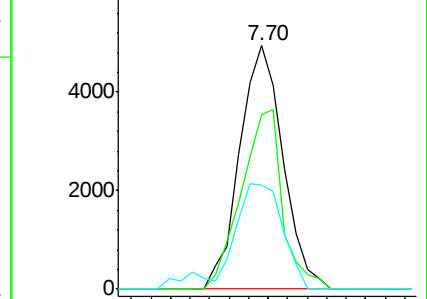
111 42.9 37.9 56.9

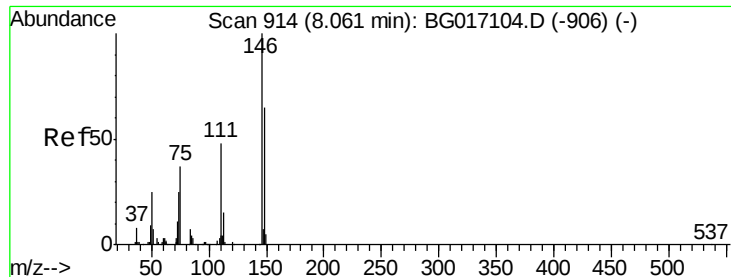


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

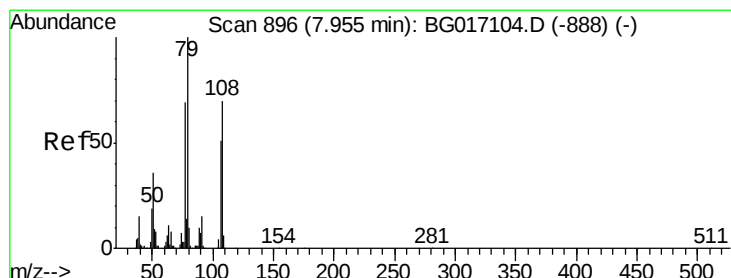
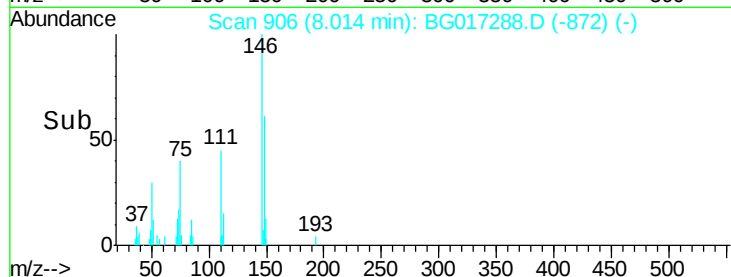
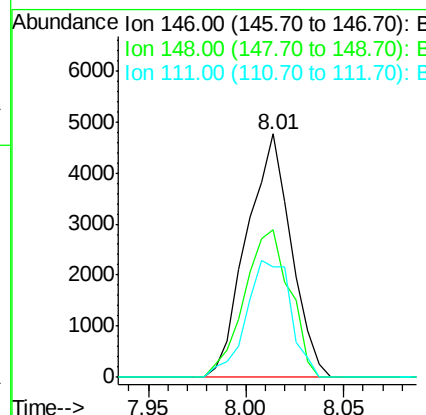
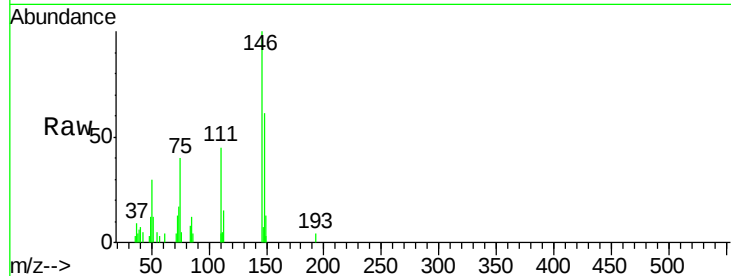




#14
 1,2-Dichlorobenzene
 Concen: 6.26 ng
 RT: 8.01 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

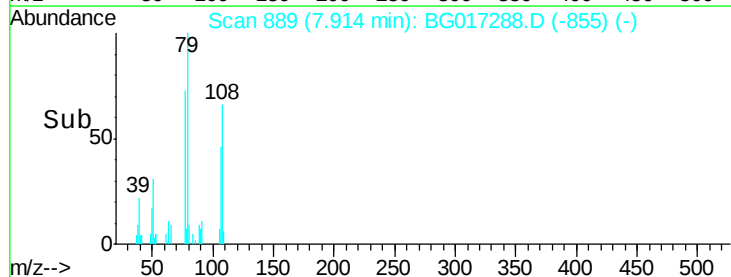
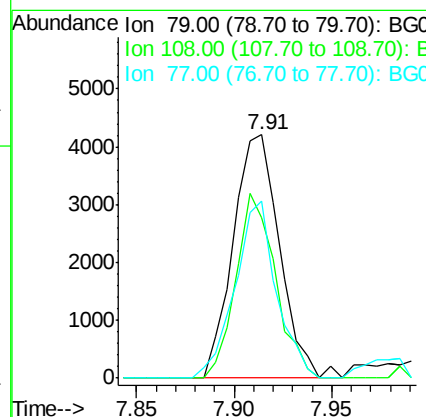
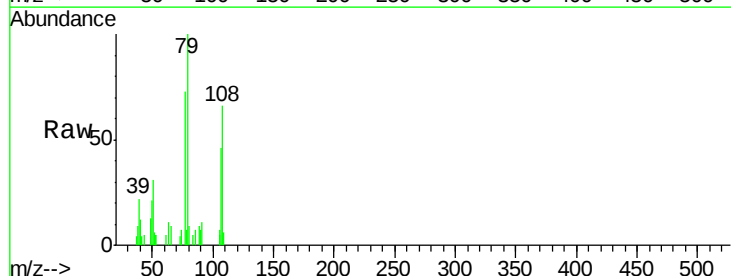
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

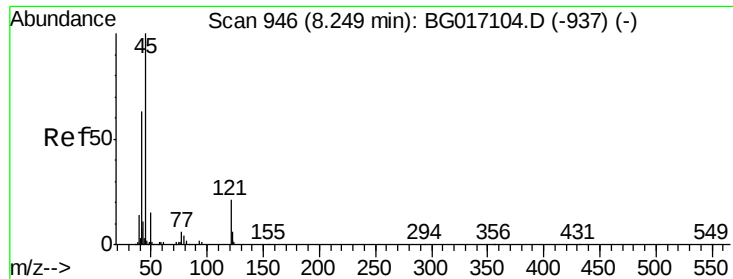
Tgt Ion: 146 Resp: 7515
 Ion Ratio Lower Upper
 146 100
 148 60.5 52.3 78.5
 111 45.2 39.0 58.4



#15
 Benzyl Alcohol
 Concen: 5.46 ng
 RT: 7.91 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion: 79 Resp: 6938
 Ion Ratio Lower Upper
 79 100
 108 65.7 55.8 83.6
 77 72.5 55.4 83.0

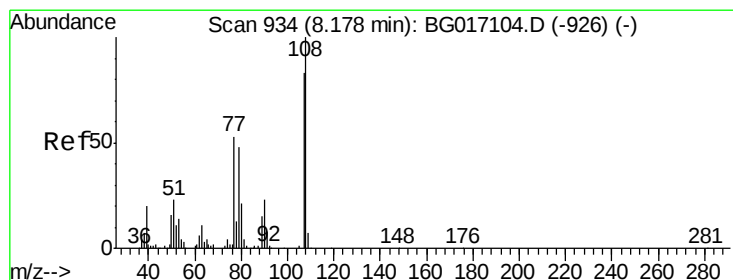
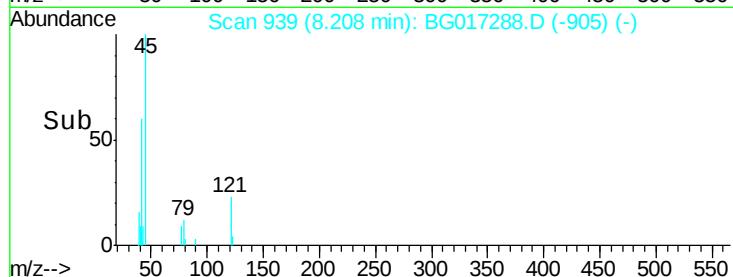
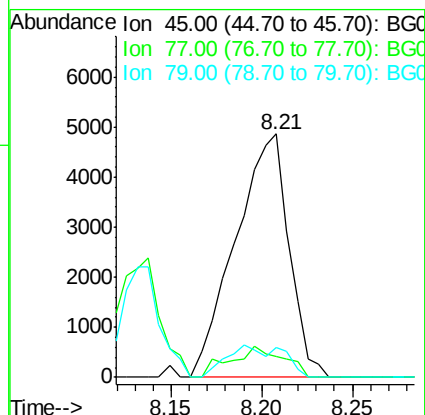
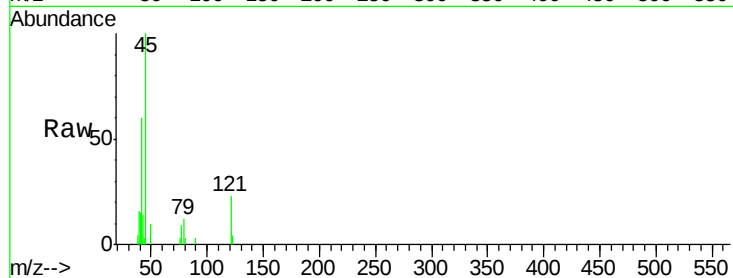




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 5.90 ng
 RT: 8.21 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

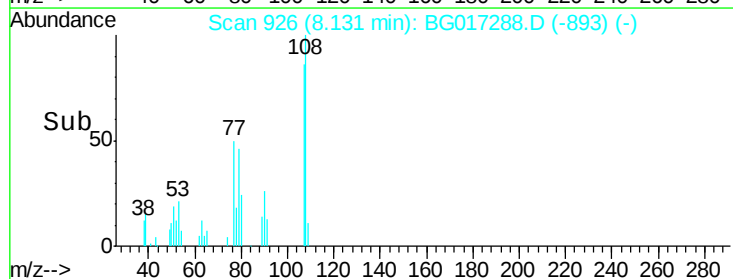
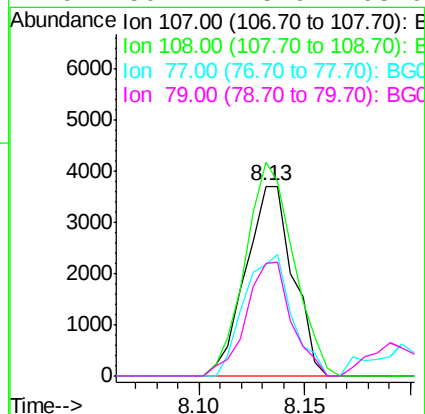
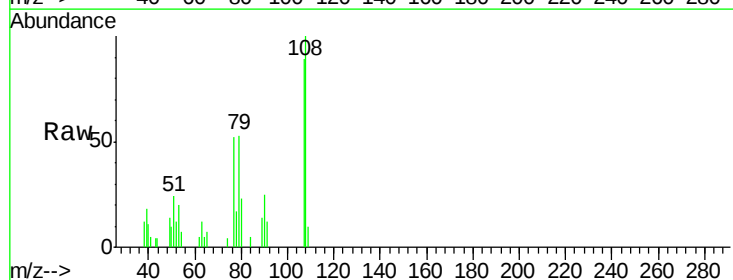
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

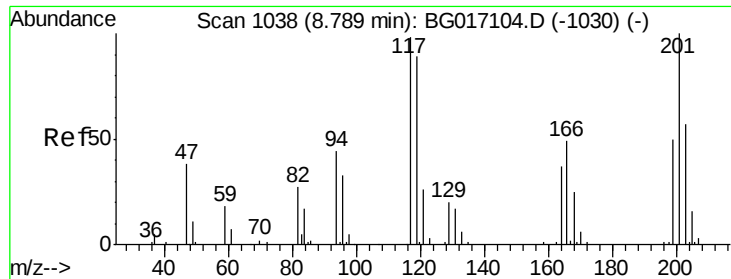
Tgt Ion:	45	Resp:	9952
Ion	Ratio	Lower	Upper
45	100		
77	8.5	0.0	32.5
79	12.4	0.0	29.4



#17
 2-Methylphenol
 Concen: 5.73 ng
 RT: 8.13 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion:	107	Resp:	5769
Ion	Ratio	Lower	Upper
107	100		
108	112.4	96.6	144.8
77	58.8	51.2	76.8
79	59.4	45.9	68.9

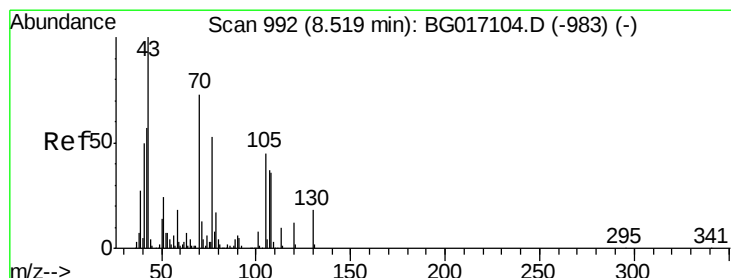
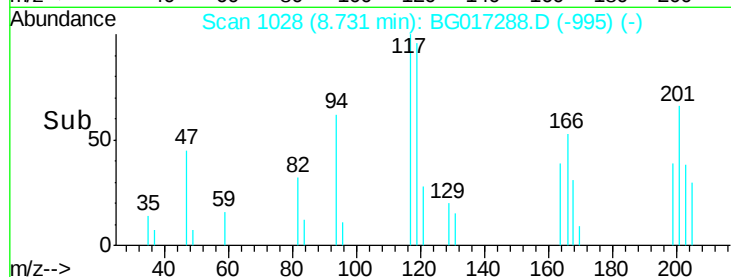
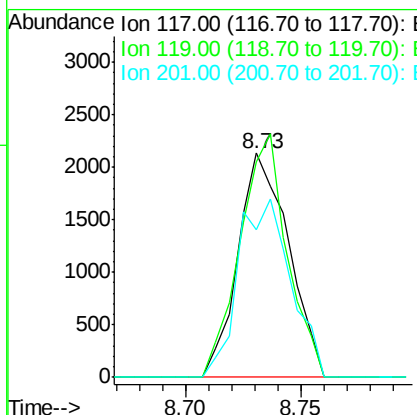
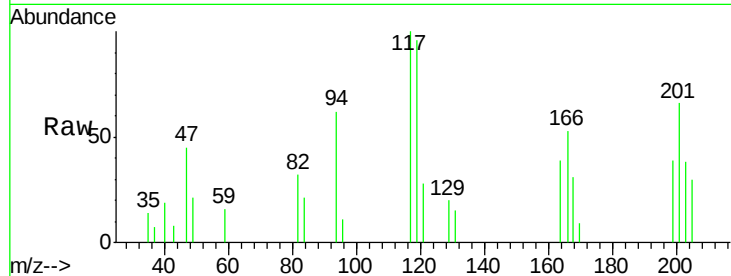




#18
Hexachloroethane
Concen: 6.21 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

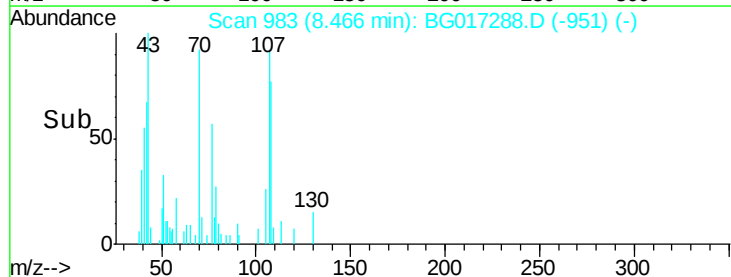
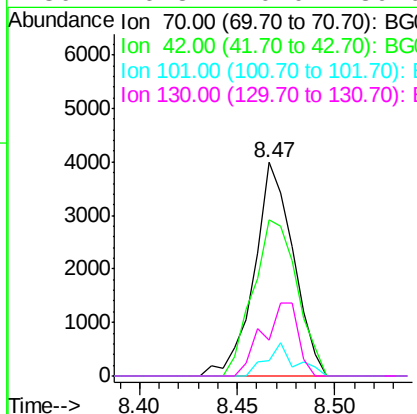
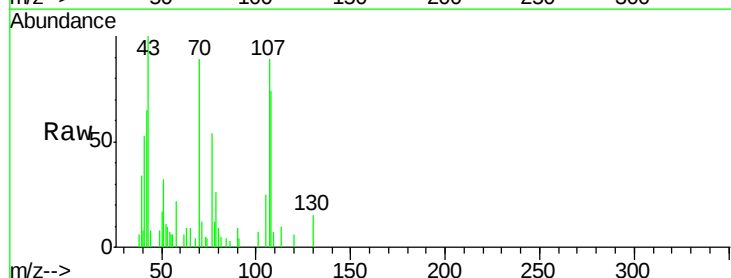
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

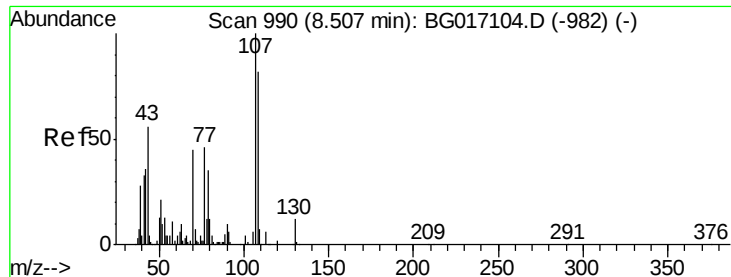
Tgt Ion: 117 Resp: 3261
Ion Ratio Lower Upper
117 100
119 96.1 73.0 109.6
201 65.7 81.7 122.5#



#19
n-Nitroso-di-n-propylamine
Concen: 4.85 ng
RT: 8.47 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion: 70 Resp: 5527
Ion Ratio Lower Upper
70 100
42 73.1 62.6 94.0
101 7.5 9.0 13.4#
130 16.8 20.0 30.0#





#20

3+4-Methylphenols

Concen: 5.65 ng

RT: 8.46 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:107 Resp: 7895

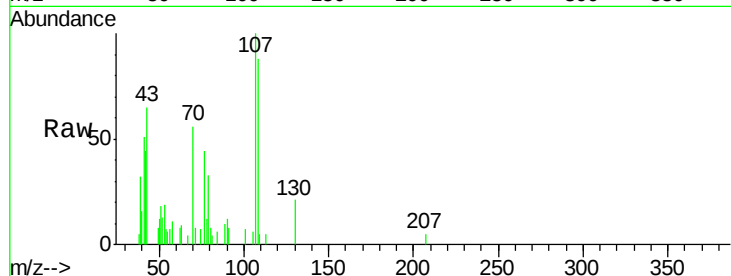
Ion Ratio Lower Upper

107 100

108 88.2 62.2 102.2

77 43.8 26.0 66.0

79 32.7 14.8 54.8

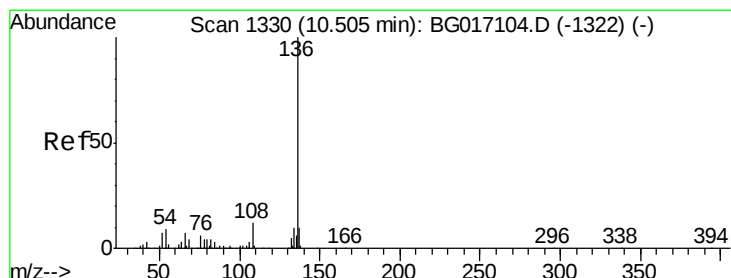
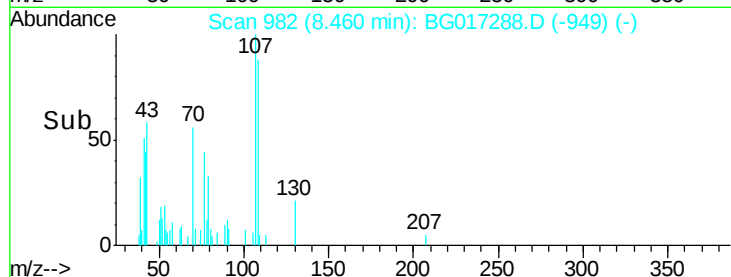
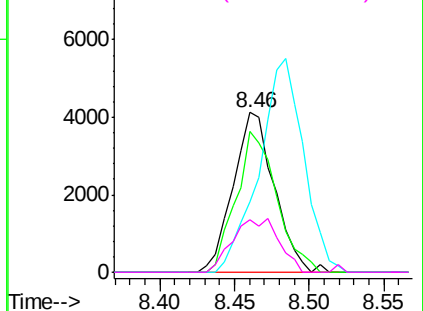


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Tgt Ion:136 Resp: 71585

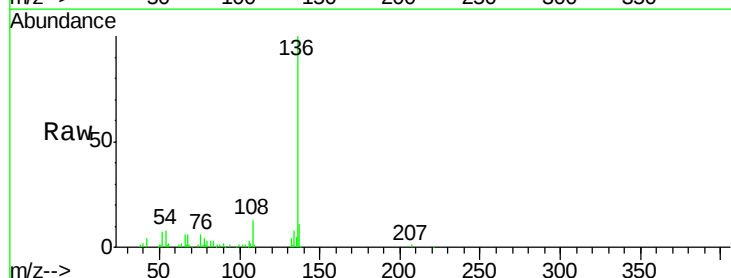
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 8.1 7.4 11.2

68 6.5 3.6 5.4#

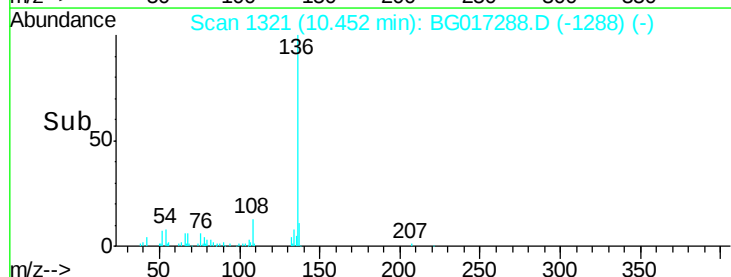
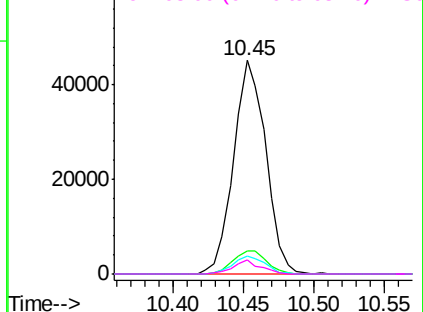


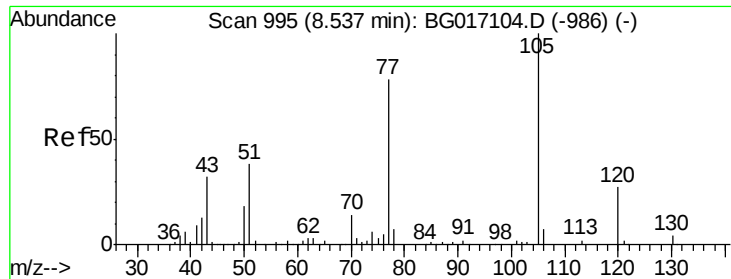
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 5.65 ng

RT: 8.48 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:105 Resp: 9817

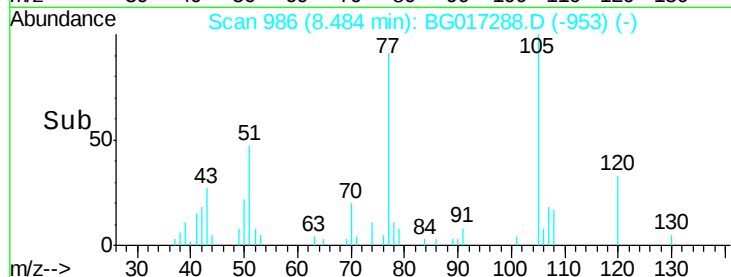
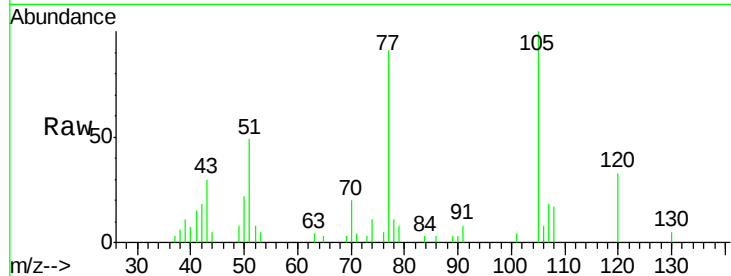
Ion Ratio Lower Upper

105 100

71 3.7 2.2 3.4#

51 49.2 32.8 49.2#

120 33.4 21.8 32.6#

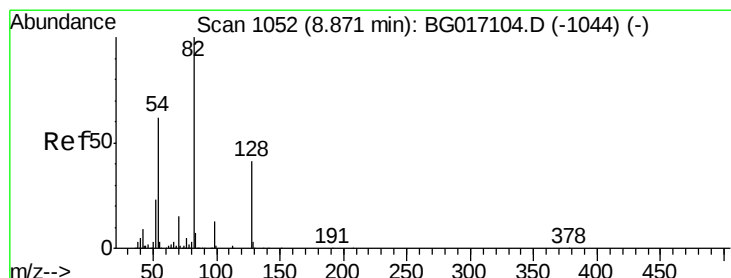
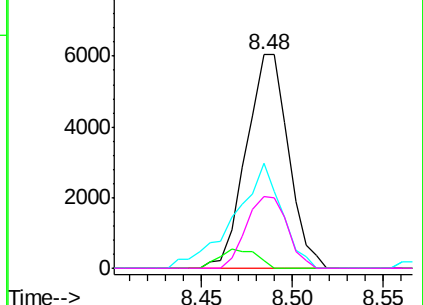


Abundance Ion 105.00 (104.70 to 105.70): E

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: 10.73 ng

RT: 8.82 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

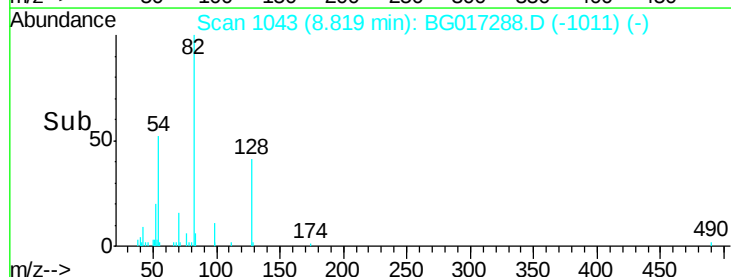
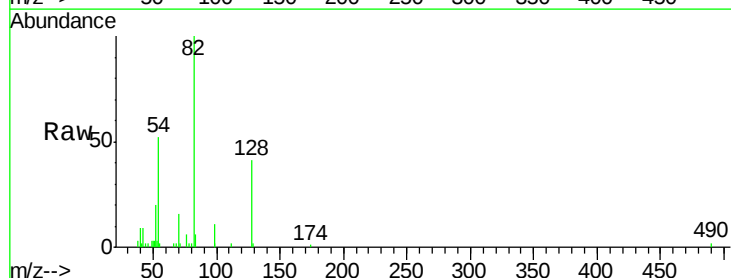
Tgt Ion: 82 Resp: 16452

Ion Ratio Lower Upper

82 100

128 41.0 32.6 49.0

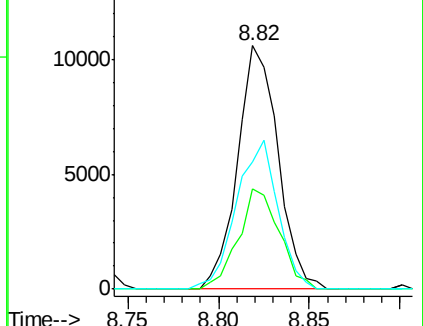
54 52.3 49.6 74.4

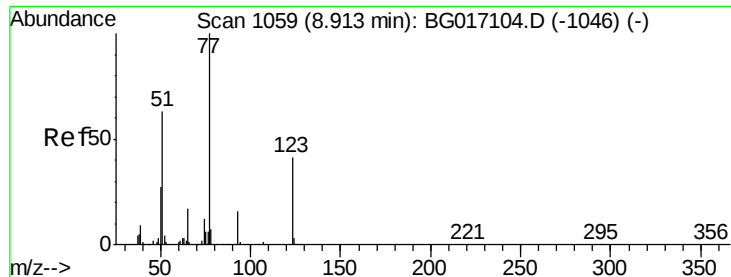


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 5.65 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

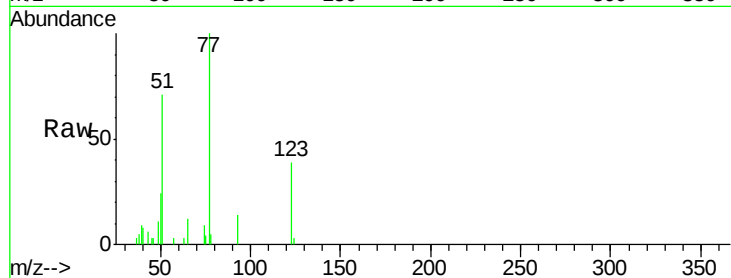
Tgt Ion: 77 Resp: 8483

Ion Ratio Lower Upper

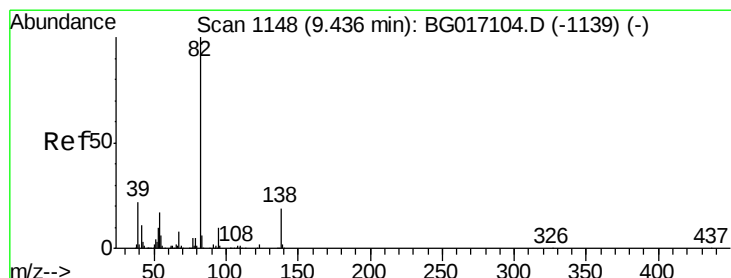
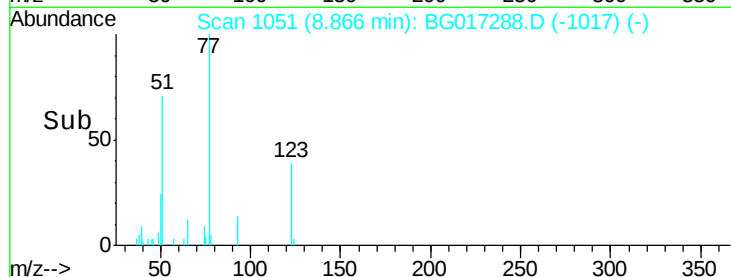
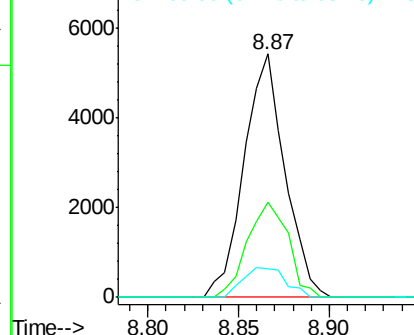
77 100

123 39.3 33.0 49.4

65 11.6 13.3 19.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 4.88 ng

RT: 9.38 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

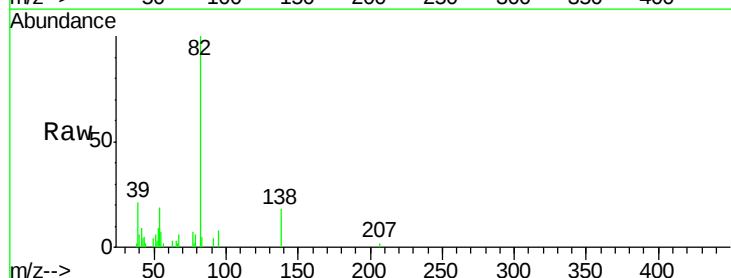
Tgt Ion: 82 Resp: 13785

Ion Ratio Lower Upper

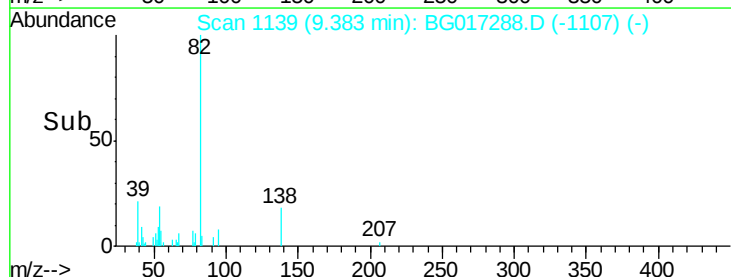
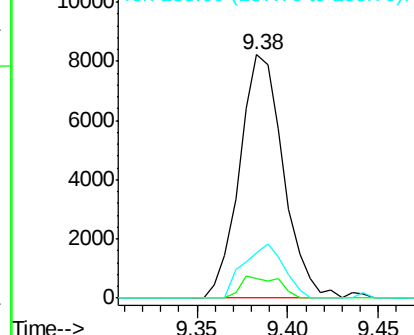
82 100

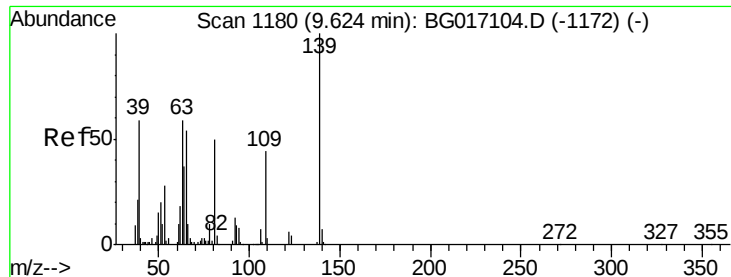
95 7.9 7.7 11.5

138 18.4 15.0 22.6



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

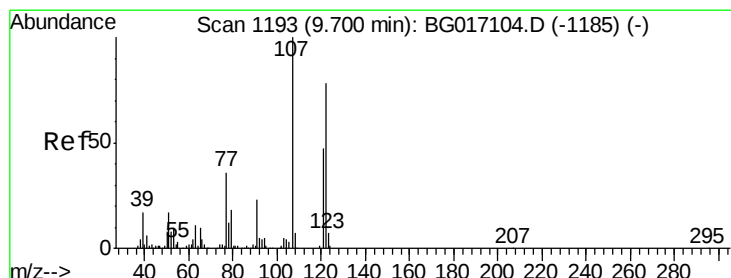
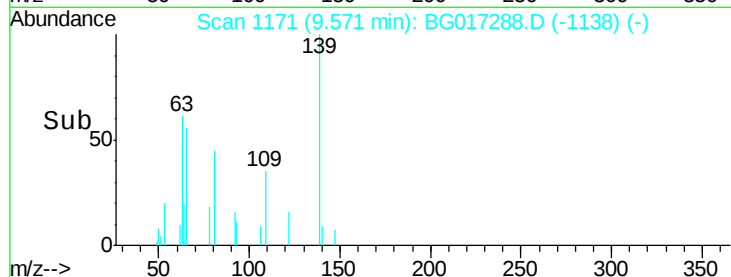
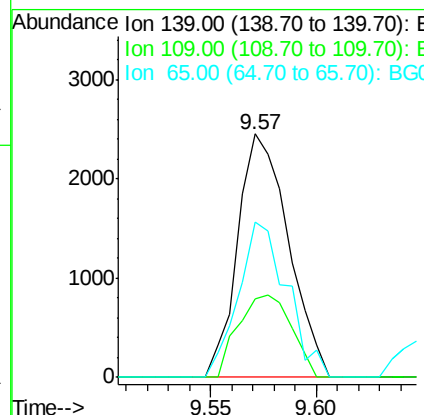
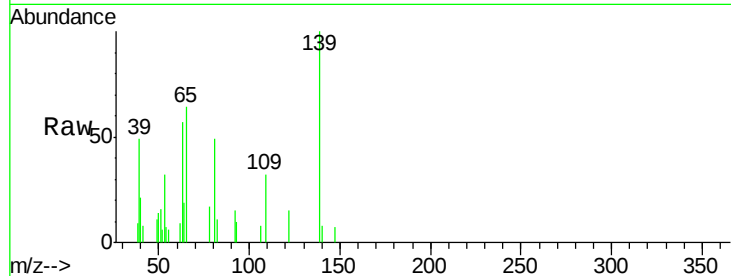




#26
 2-Nitrophenol
 Concen: 6.07 ng
 RT: 9.57 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

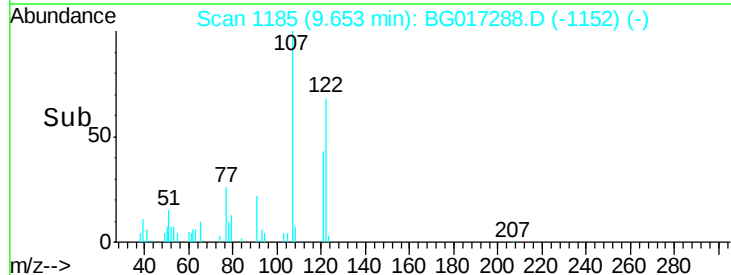
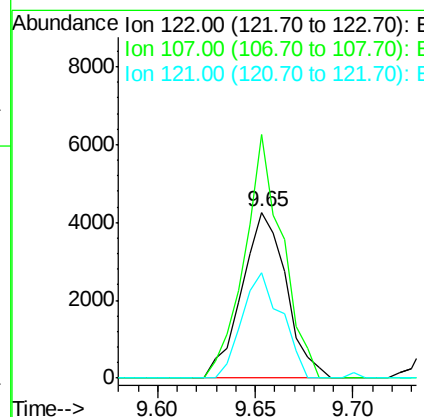
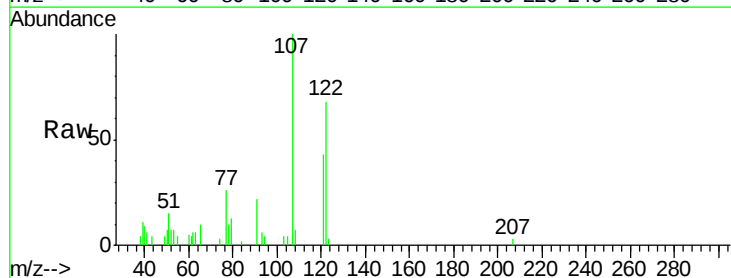
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

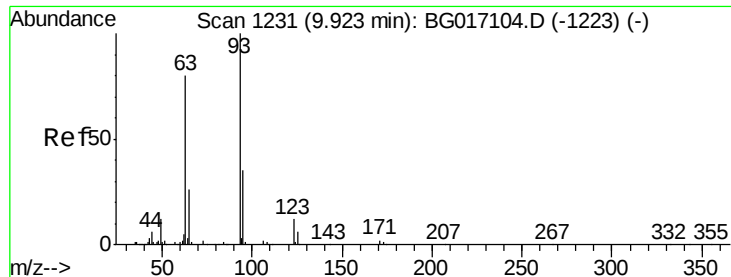
Tgt Ion:139 Resp: 4074
 Ion Ratio Lower Upper
 139 100
 109 32.5 34.9 52.3#
 65 64.0 43.0 64.4



#27
 2,4-Dimethylphenol
 Concen: 6.07 ng
 RT: 9.65 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion:122 Resp: 6696
 Ion Ratio Lower Upper
 122 100
 107 146.9 102.3 153.5
 121 63.4 48.7 73.1

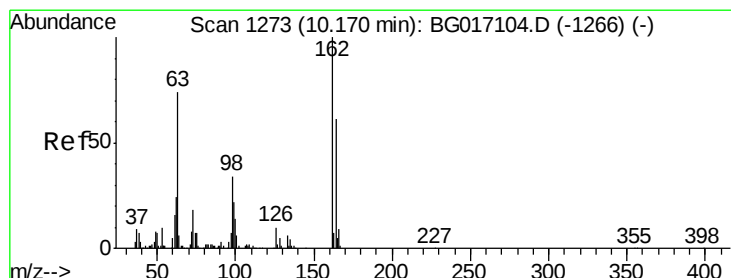
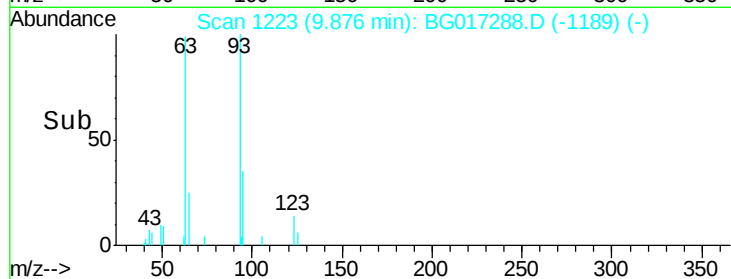
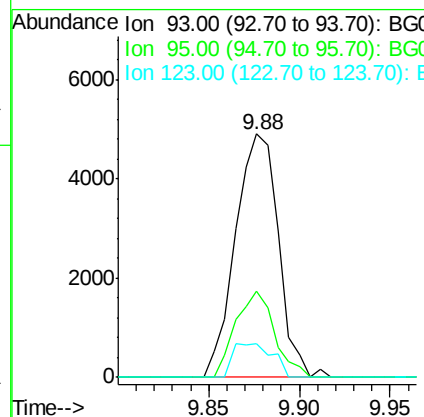
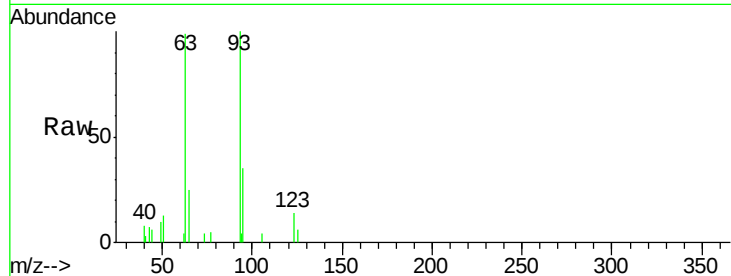




#28
bis(2-Chloroethoxy)methane
Concen: 5.86 ng
RT: 9.88 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

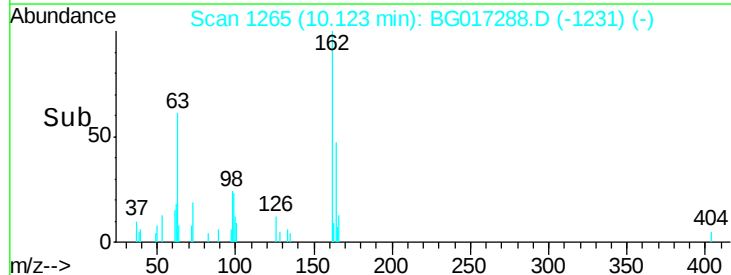
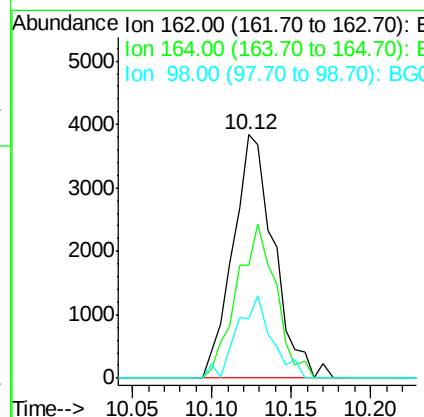
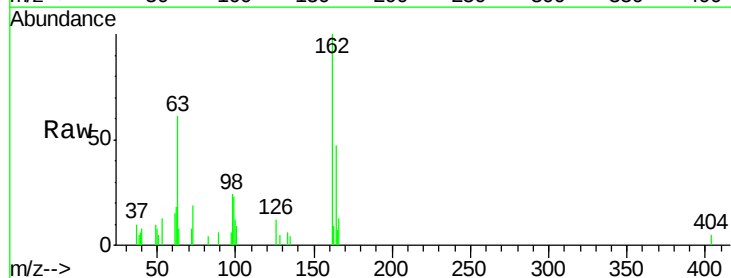
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

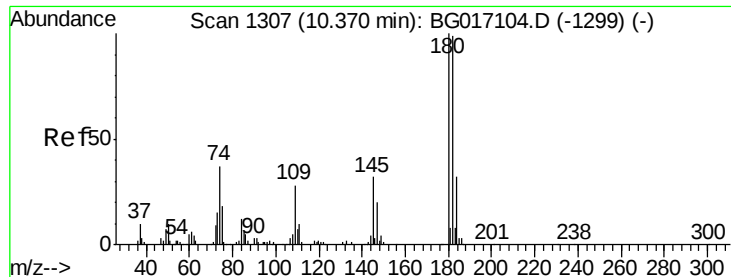
Tgt Ion: 93 Resp: 8060
Ion Ratio Lower Upper
93 100
95 35.4 28.0 42.0
123 13.7 10.3 15.5



#29
2,4-Dichlorophenol
Concen: 6.62 ng
RT: 10.12 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion: 162 Resp: 6891
Ion Ratio Lower Upper
162 100
164 46.6 41.4 81.4
98 24.4 14.3 54.3

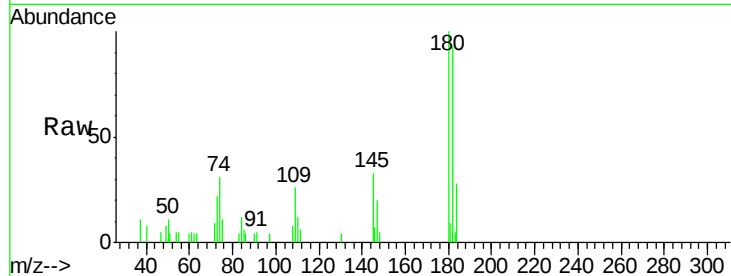




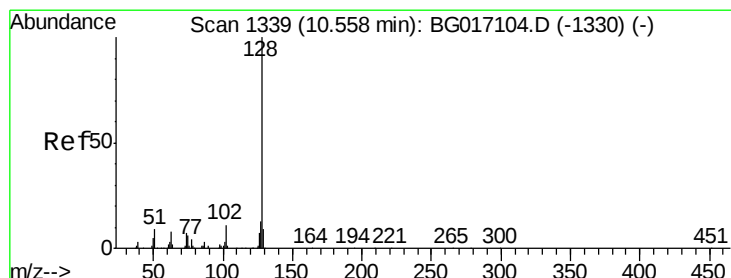
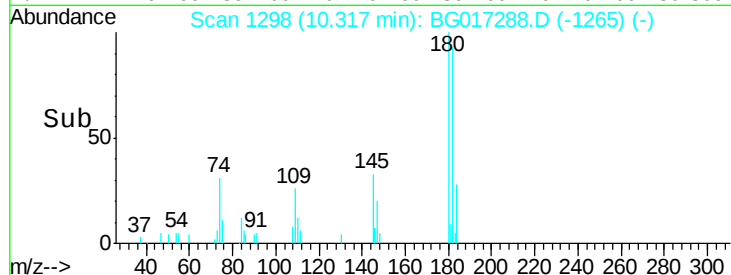
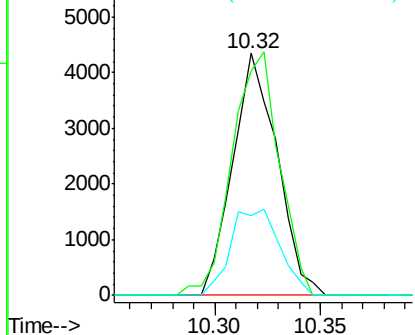
#30
1,2,4-Trichlorobenzene
Concen: 5.35 ng
RT: 10.32 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:180 Resp: 6317
Ion Ratio Lower Upper
180 100
182 92.9 79.4 119.0
145 32.9 25.3 37.9

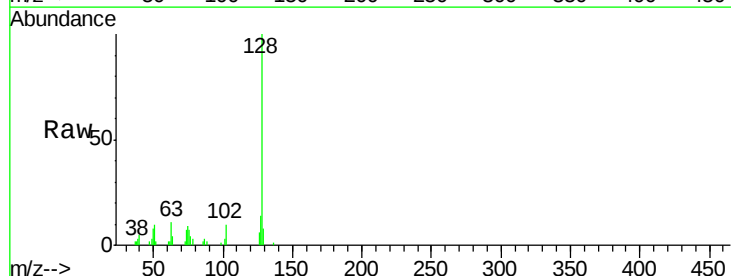


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

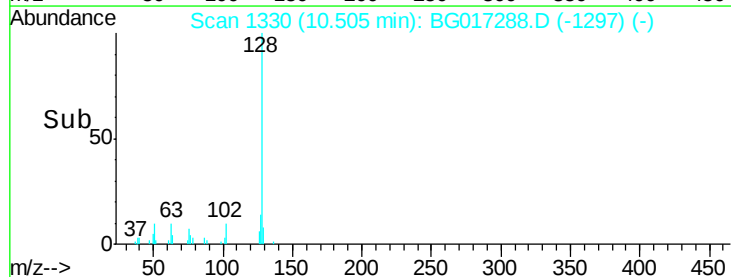
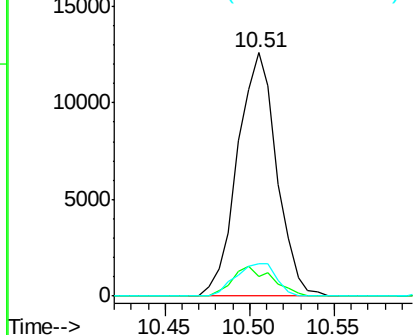


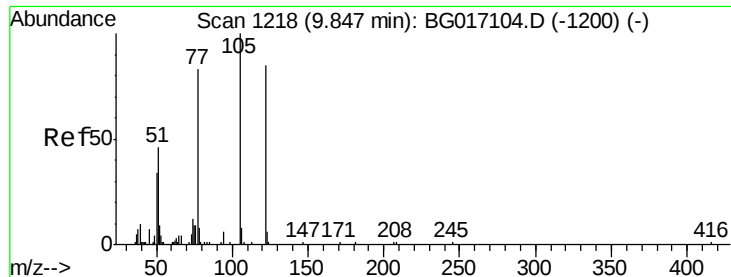
#31
Naphthalene
Concen: 5.80 ng
RT: 10.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:128 Resp: 20304
Ion Ratio Lower Upper
128 100
129 8.2 7.6 11.4
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

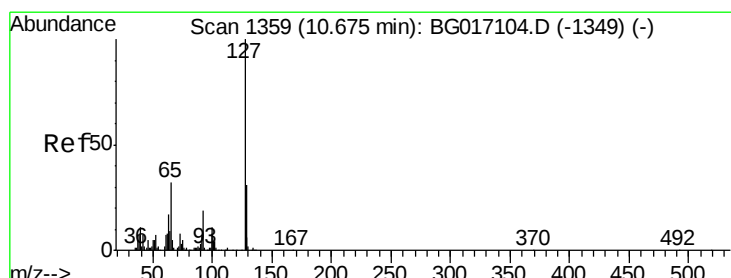
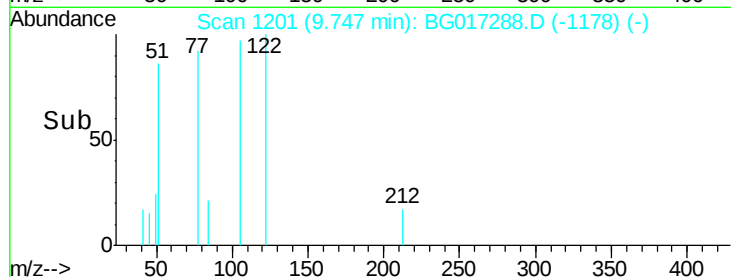
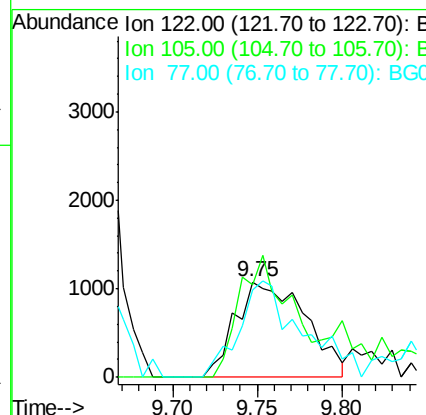
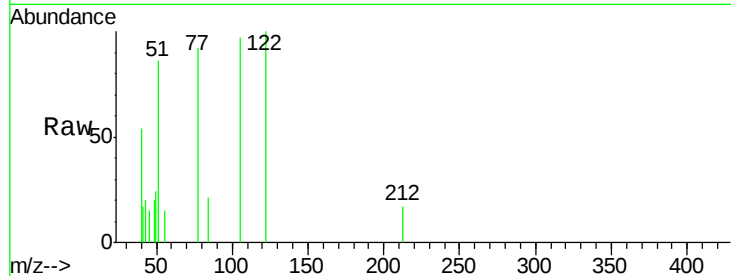




#32
Benzoic acid
Concen: 4.17 ng
RT: 9.75 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

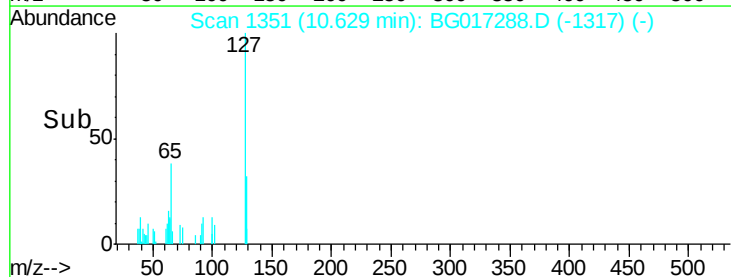
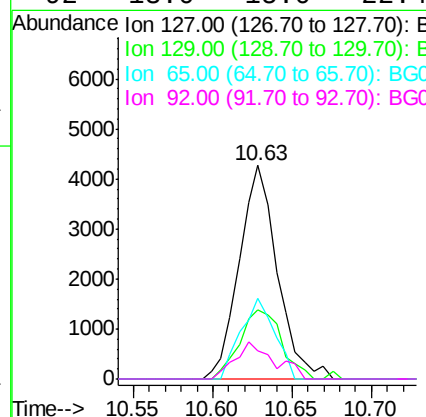
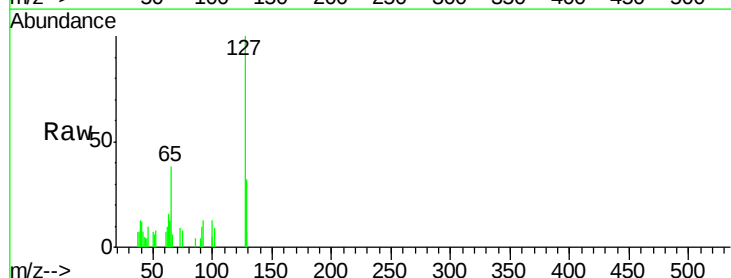
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

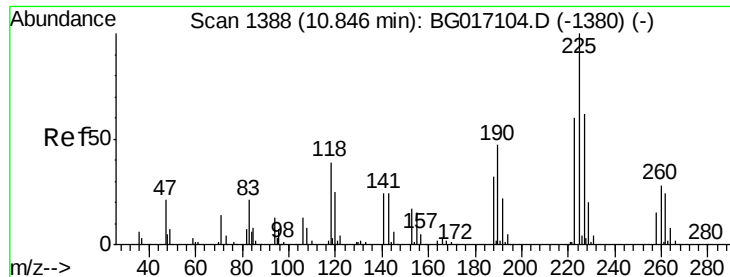
Tgt Ion:122 Resp: 3118
Ion Ratio Lower Upper
122 100
105 97.0 96.7 136.7
77 92.0 78.5 118.5



#33
4-Chloroaniline
Concen: 4.31 ng
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:127 Resp: 7140
Ion Ratio Lower Upper
127 100
129 32.2 24.8 37.2
65 37.9 25.8 38.6
92 13.0 15.0 22.4#

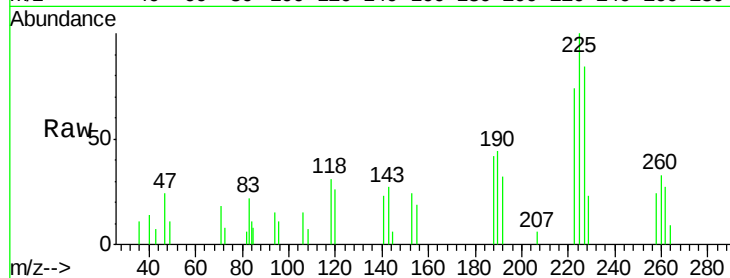




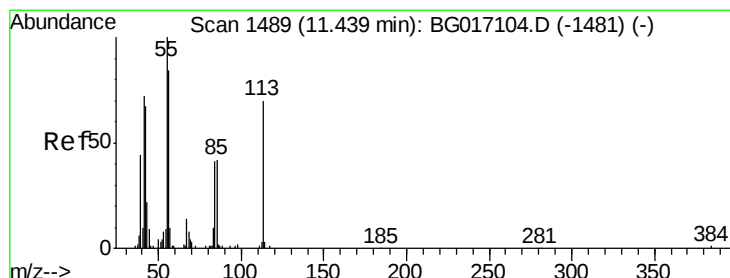
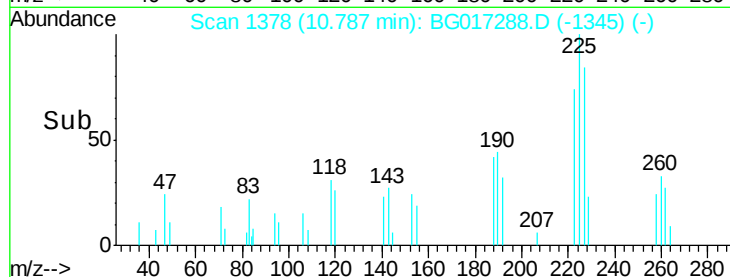
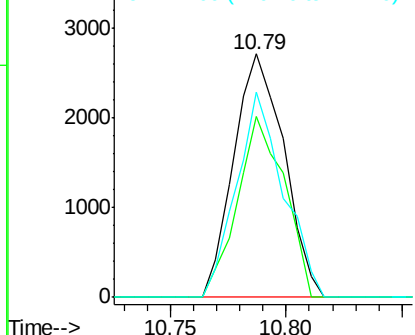
#34
Hexachlorobutadiene
Concen: 5.49 ng
RT: 10.79 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion: 225 Resp: 4107
Ion Ratio Lower Upper
225 100
223 74.1 48.3 72.5#
227 84.5 49.8 74.8#

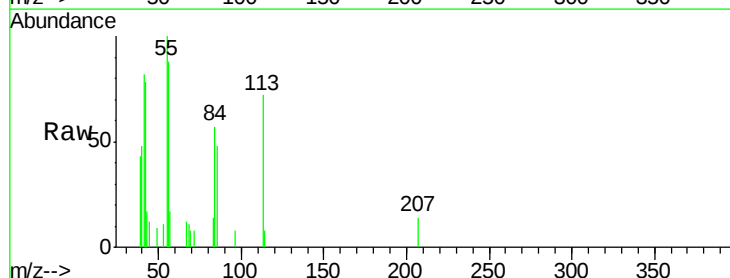


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

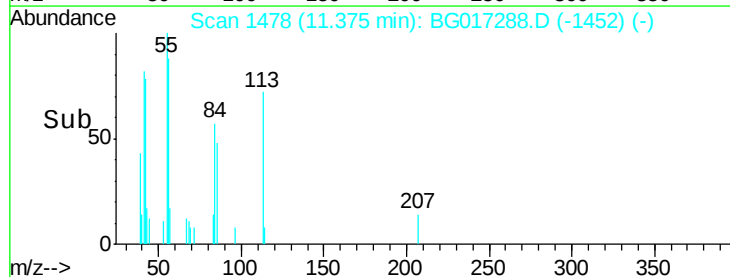
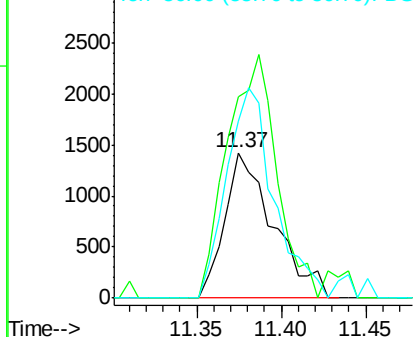


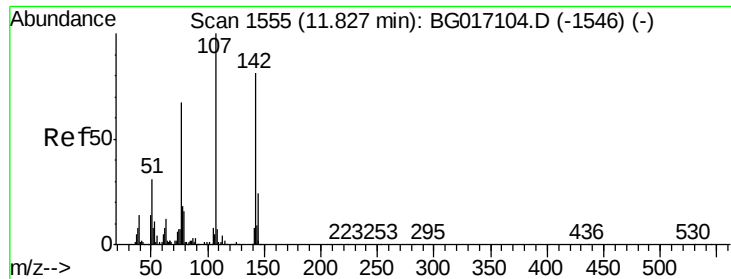
#35
Caprolactam
Concen: 5.44 ng
RT: 11.37 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion: 113 Resp: 2849
Ion Ratio Lower Upper
113 100
55 138.5 124.1 164.1
56 121.9 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

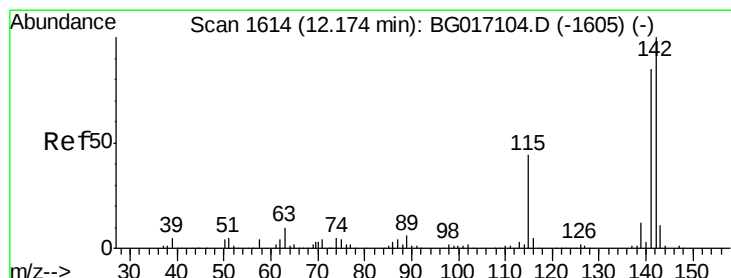
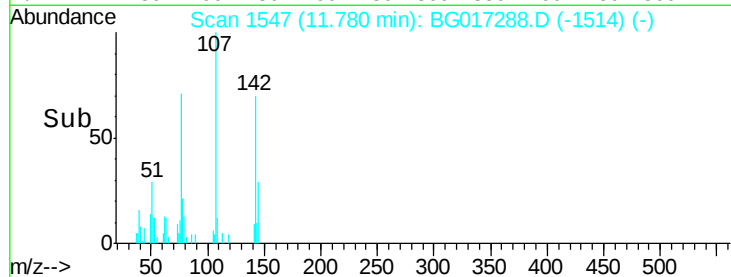
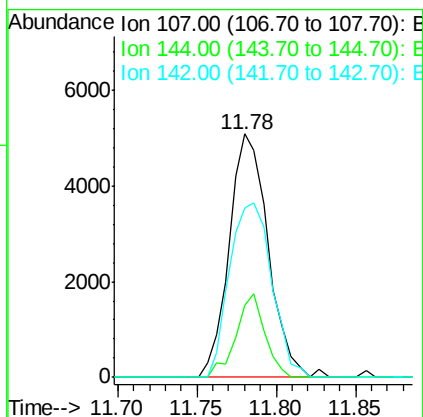
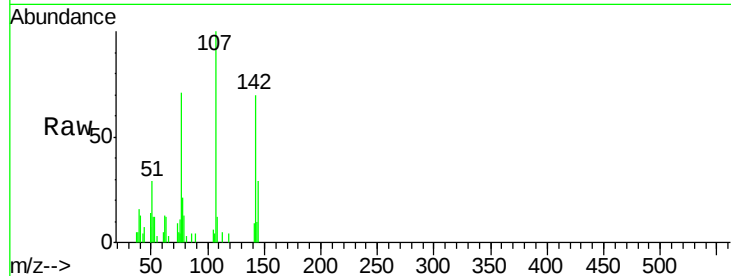




#36
4-Chloro-3-methylphenol
Concen: 6.59 ng
RT: 11.78 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

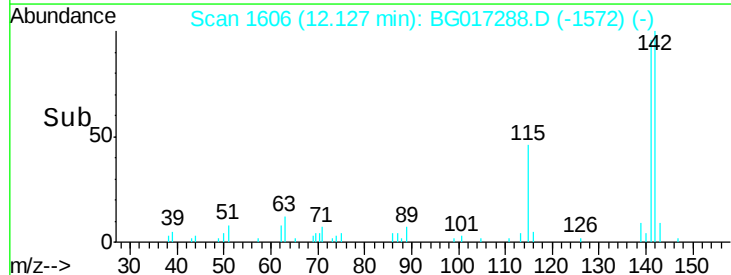
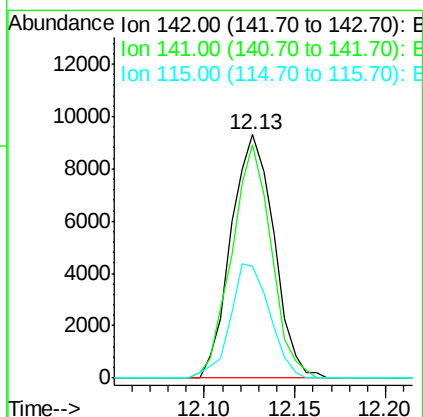
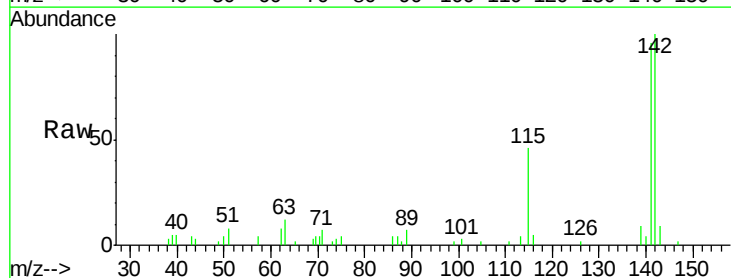
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

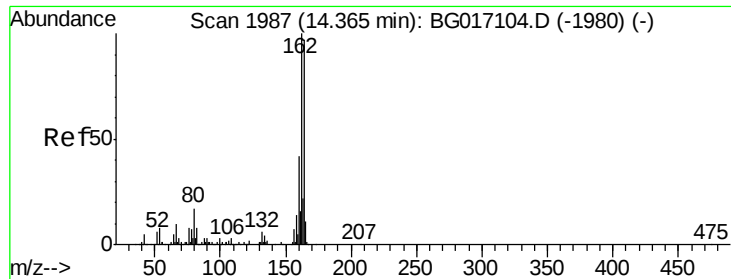
Tgt Ion:107 Resp: 8664
Ion Ratio Lower Upper
107 100
144 29.4 19.6 29.4
142 69.8 64.9 97.3



#37
2-Methylnaphthalene
Concen: 5.50 ng
RT: 12.13 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:142 Resp: 15279
Ion Ratio Lower Upper
142 100
141 95.9 68.2 102.2
115 45.9 35.6 53.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

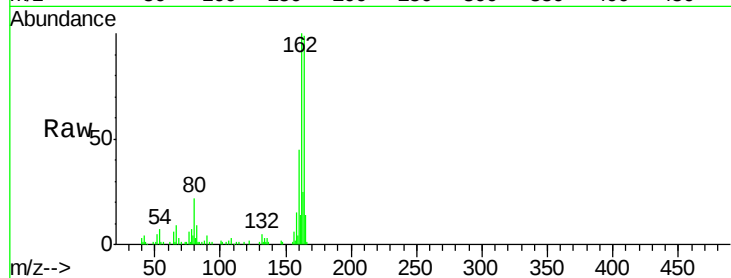
Tgt Ion:164 Resp: 46846

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

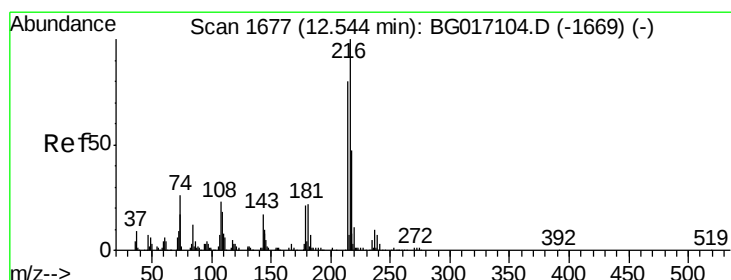
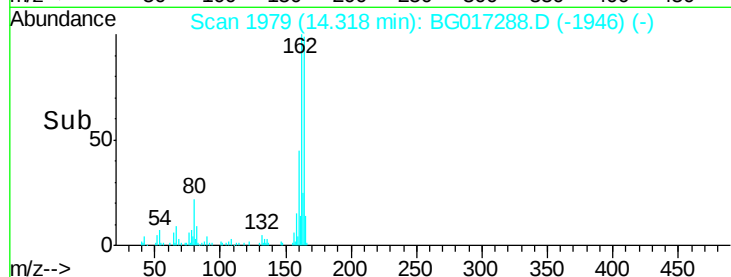
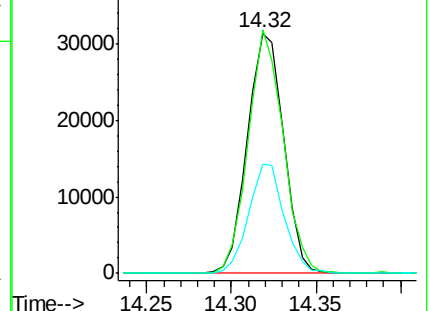
160 45.7 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.54 ng

RT: 12.50 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Tgt Ion:216 Resp: 7342

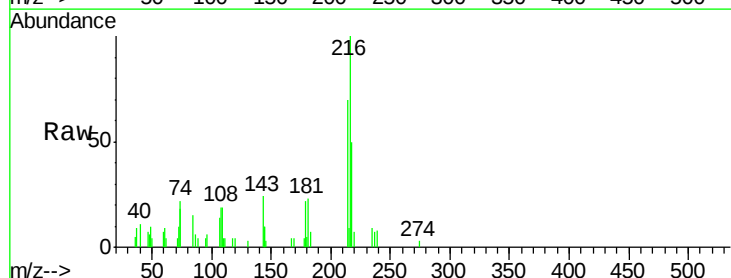
Ion Ratio Lower Upper

216 100

214 85.7 63.3 94.9

179 23.9 17.8 26.8

108 22.8 19.9 29.9

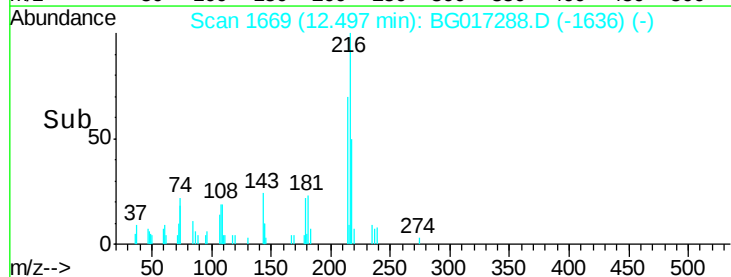
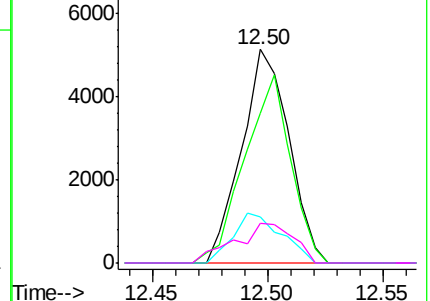


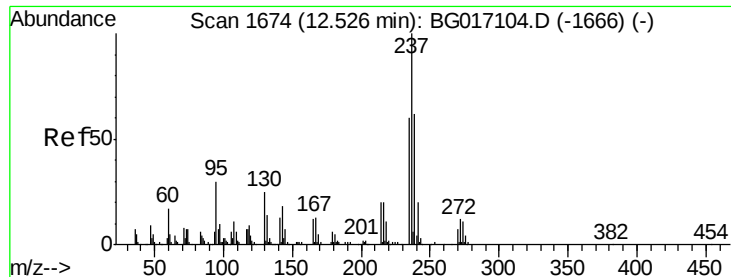
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 8.50 ng

RT: 12.48 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

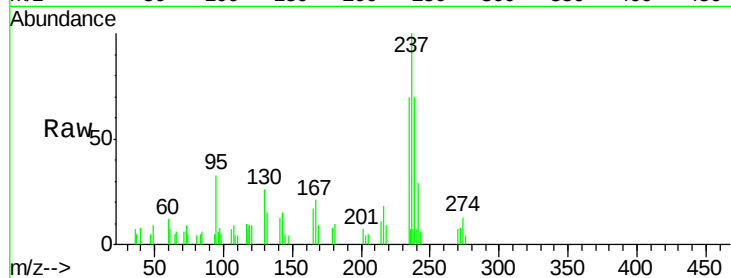
Tgt Ion: 237 Resp: 6875

Ion Ratio Lower Upper

237 100

235 70.3 39.7 79.7

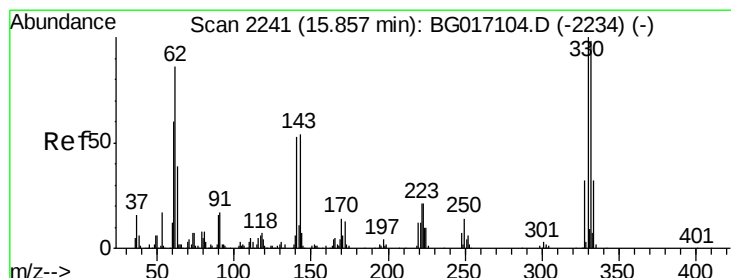
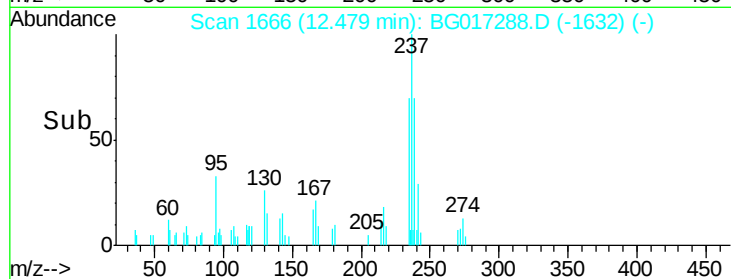
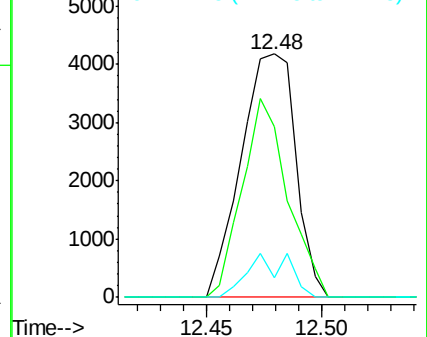
272 7.9 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 22.12 ng

RT: 15.82 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

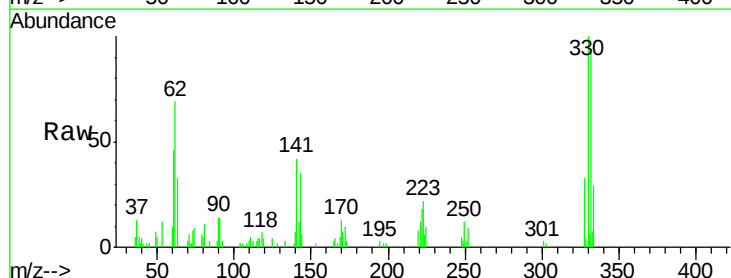
Tgt Ion: 330 Resp: 12525

Ion Ratio Lower Upper

330 100

332 89.2 76.9 115.3

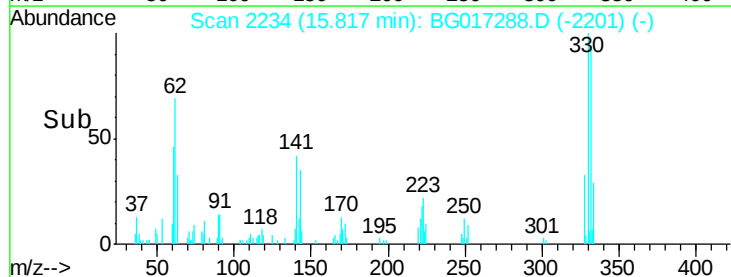
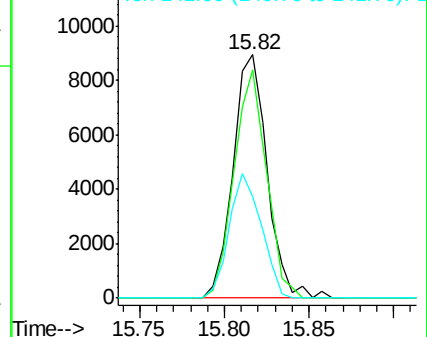
141 48.3 42.2 63.2

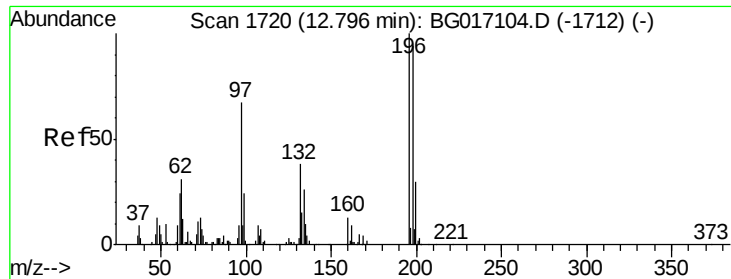


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

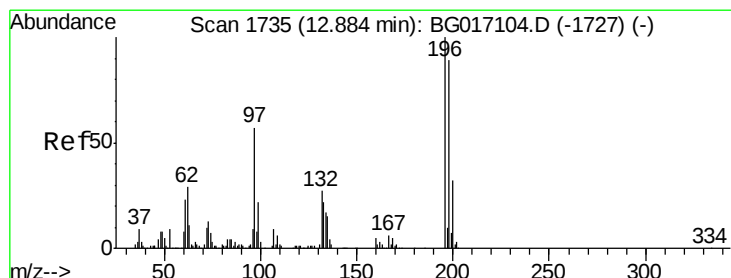
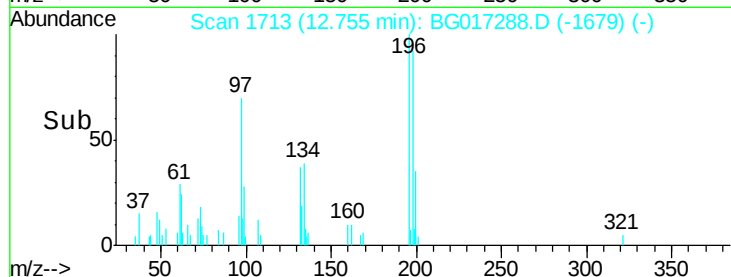
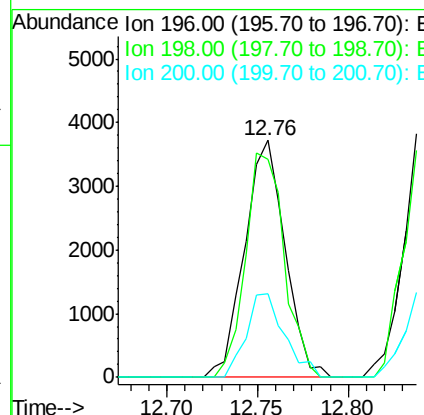
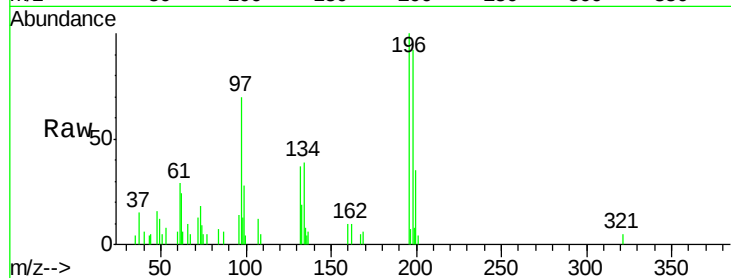




#42
2,4,6-Trichlorophenol
Concen: 6.17 ng
RT: 12.76 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

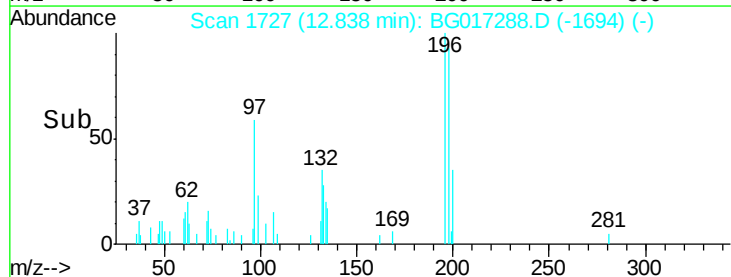
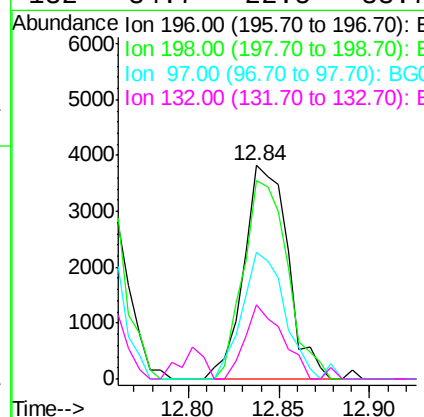
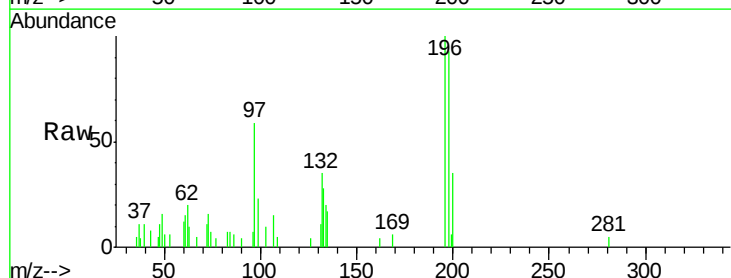
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

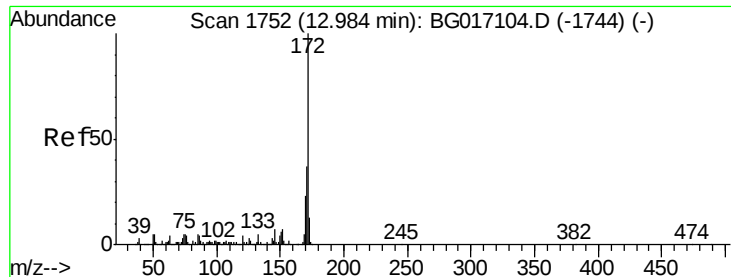
Tgt Ion:196 Resp: 5805
Ion Ratio Lower Upper
196 100
198 92.1 74.9 112.3
200 35.3 24.2 36.2



#43
2,4,5-Trichlorophenol
Concen: 6.72 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:196 Resp: 6507
Ion Ratio Lower Upper
196 100
198 93.1 71.4 107.0
97 59.1 45.4 68.0
132 34.7 22.5 33.7#

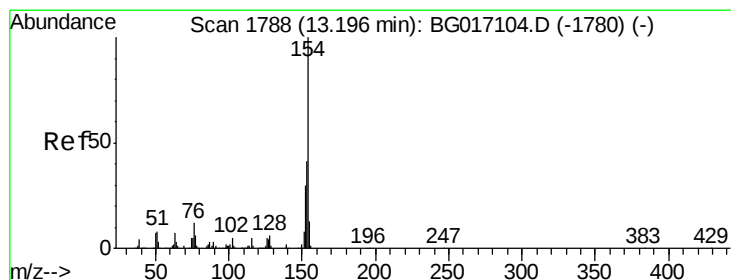
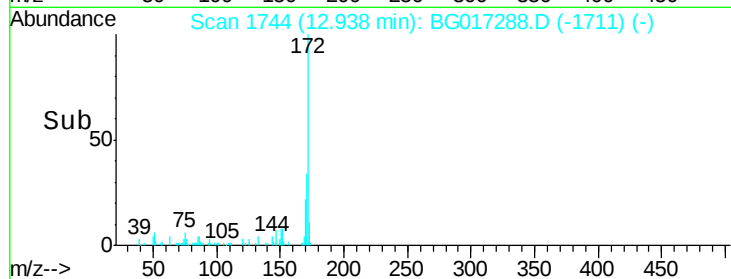
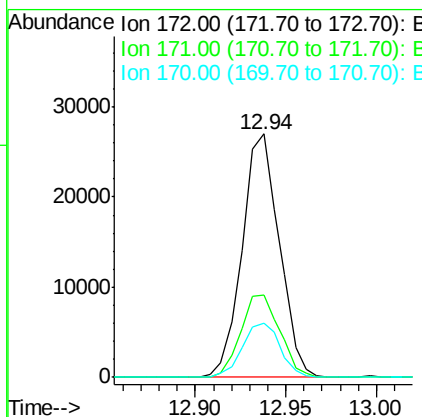
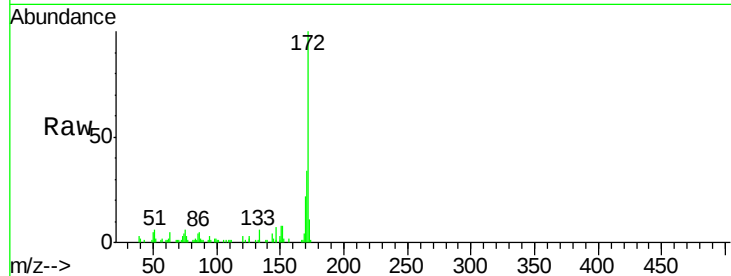




#44
2-Fluorobiphenyl
Concen: 12.02 ng
RT: 12.94 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

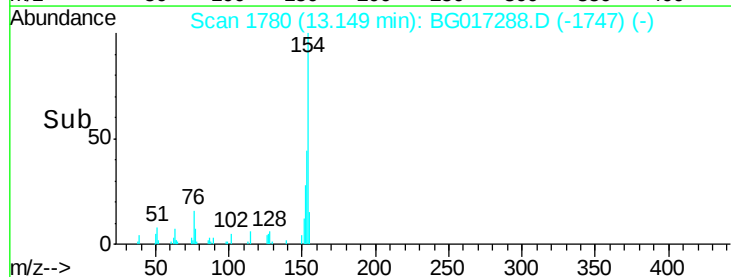
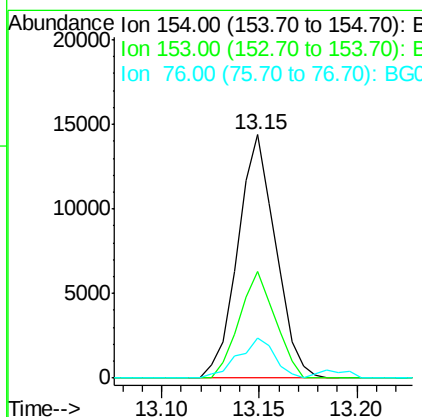
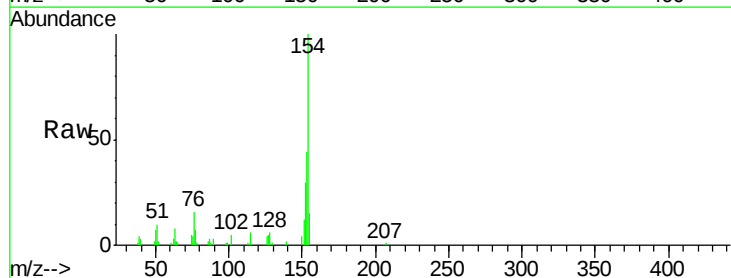
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

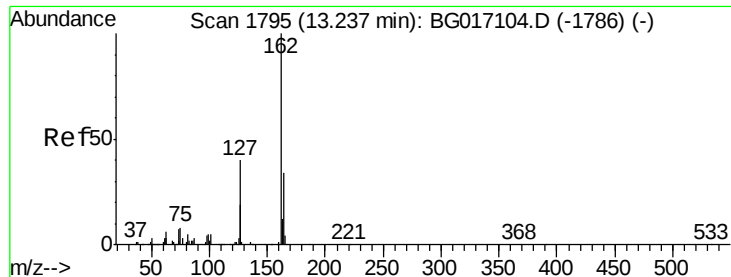
Tgt Ion:172 Resp: 38360
Ion Ratio Lower Upper
172 100
171 34.0 29.7 44.5
170 22.3 18.4 27.6



#45
1,1'-Biphenyl
Concen: 5.71 ng
RT: 13.15 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:154 Resp: 19276
Ion Ratio Lower Upper
154 100
153 43.7 21.5 61.5
76 16.4 0.0 31.9

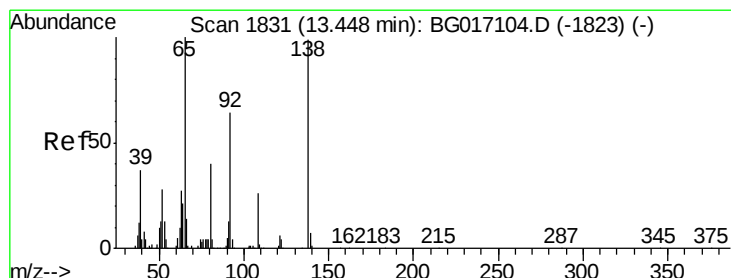
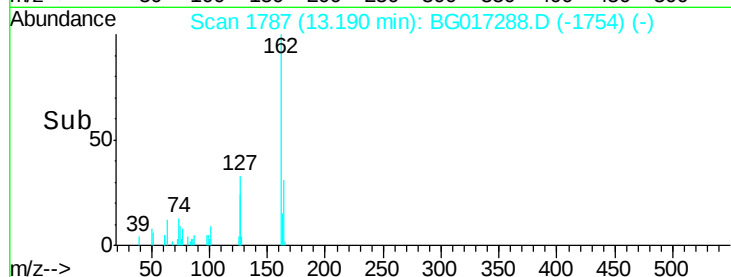
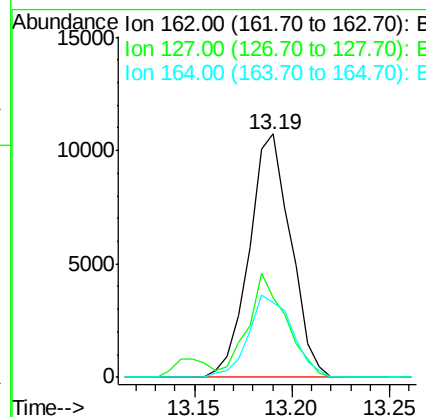
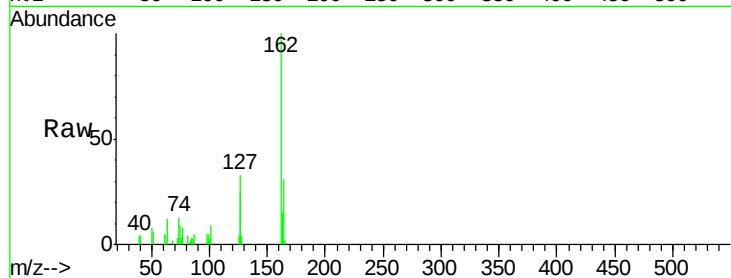




#46
 2-Chloronaphthalene
 Concen: 5.93 ng
 RT: 13.19 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

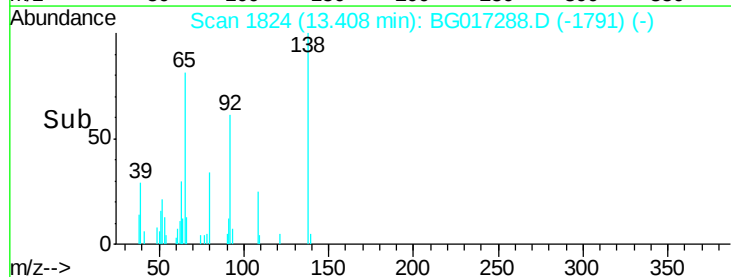
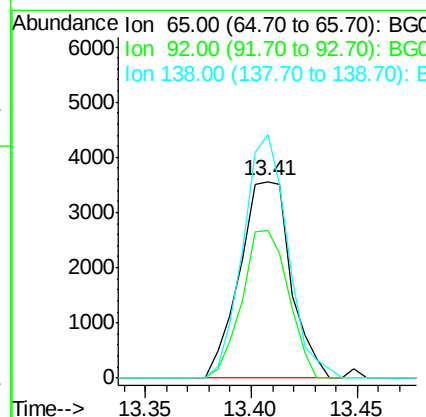
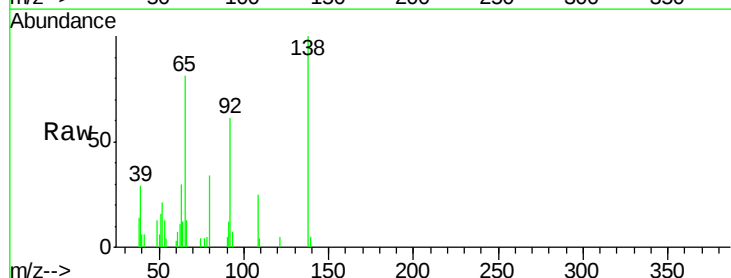
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

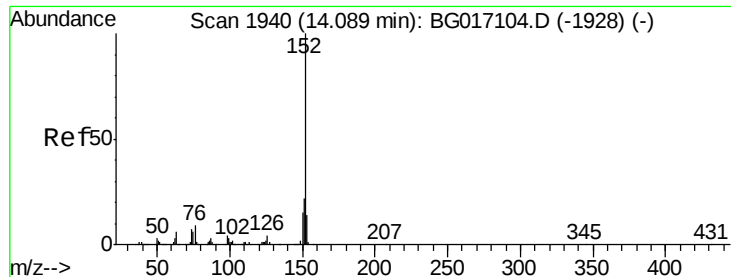
Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.8	33.5	50.3#
164	30.8	27.0	40.6



#47
 2-Nitroaniline
 Concen: 5.75 ng
 RT: 13.41 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	51.0	76.4
138	123.8	79.3	118.9#





#48

Acenaphthylene

Concen: 6.00 ng

RT: 14.04 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

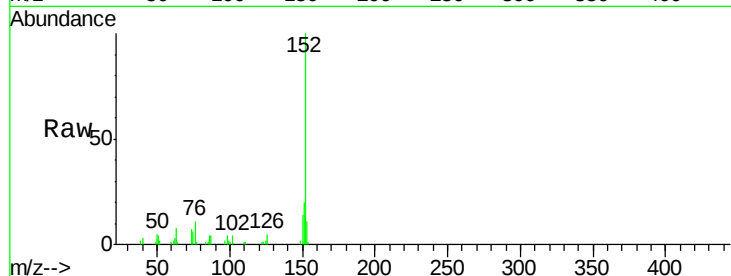
Tgt Ion:152 Resp: 27436

Ion Ratio Lower Upper

152 100

151 19.8 17.2 25.8

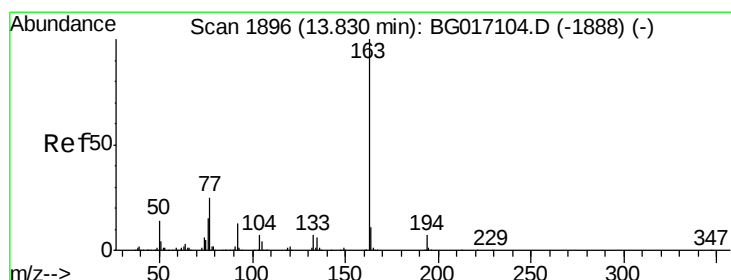
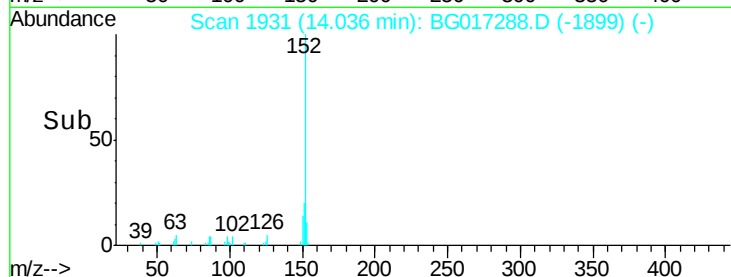
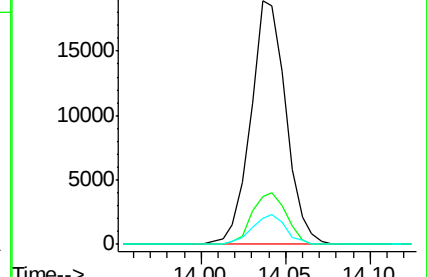
153 10.7 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.04 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

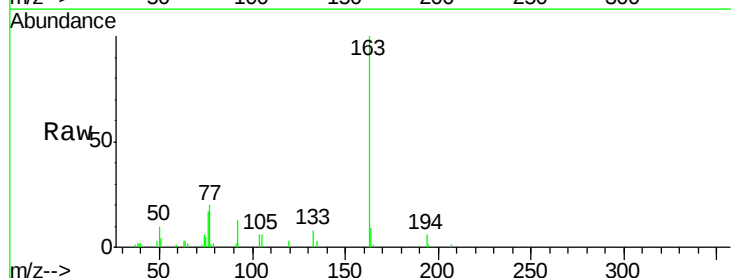
Tgt Ion:163 Resp: 22125

Ion Ratio Lower Upper

163 100

194 5.8 5.6 8.4

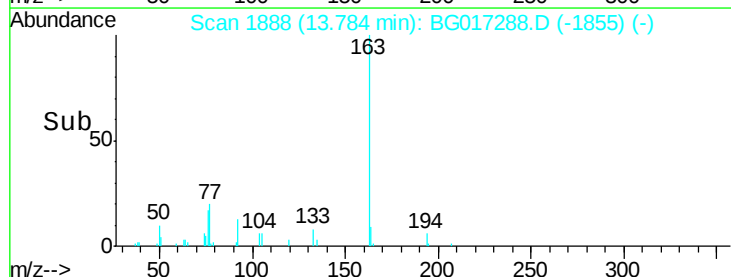
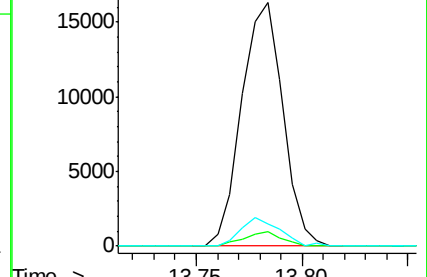
164 9.3 8.6 13.0

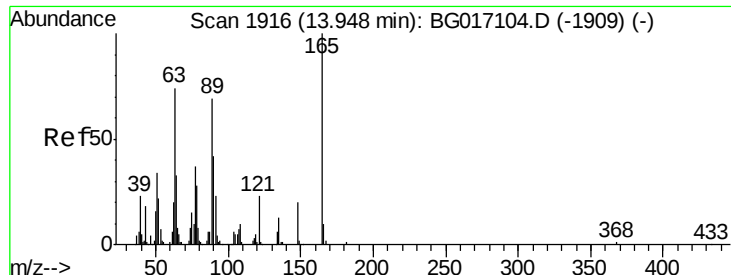


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

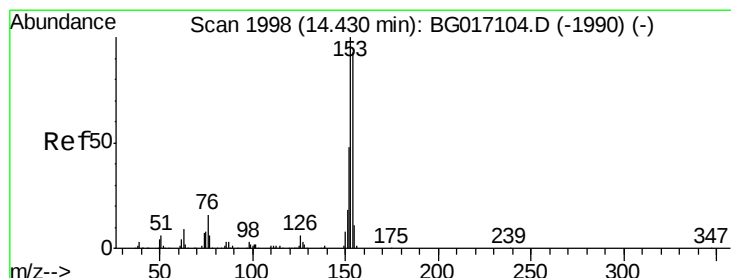
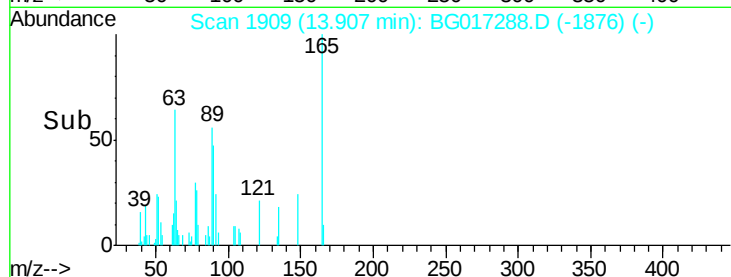
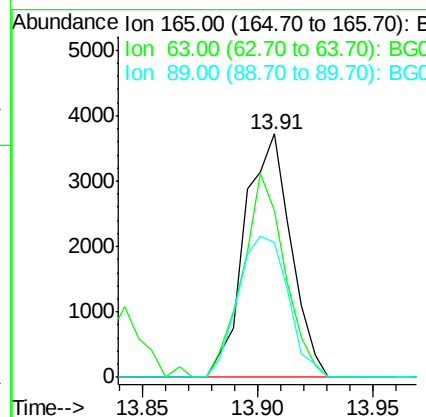
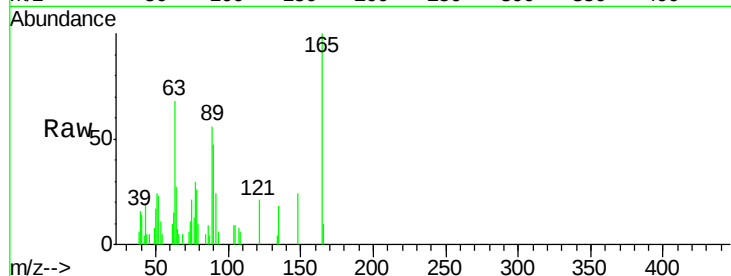




#50
2,6-Dinitrotoluene
Concen: 6.38 ng
RT: 13.91 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

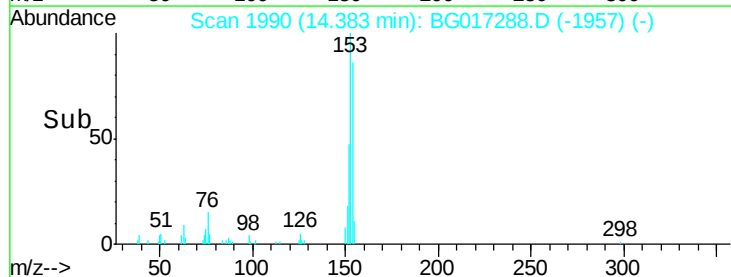
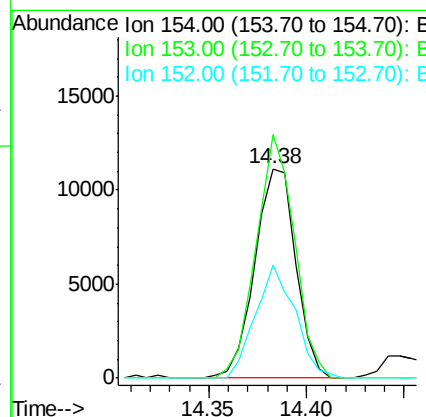
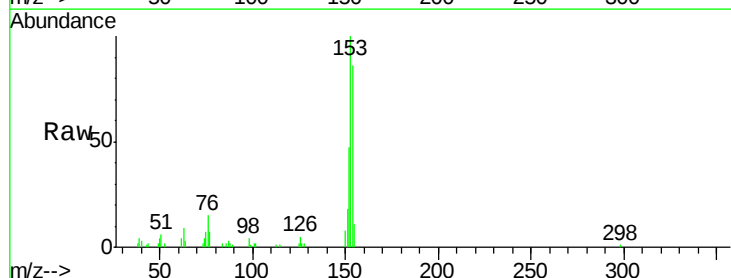
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

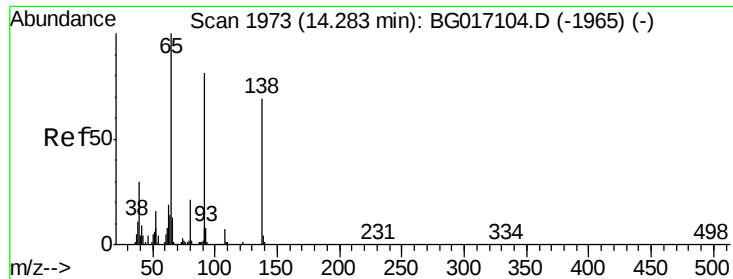
Tgt Ion:165 Resp: 5175
Ion Ratio Lower Upper
165 100
63 68.4 60.6 90.8
89 55.6 55.0 82.6



#51
Acenaphthene
Concen: 5.99 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:154 Resp: 16183
Ion Ratio Lower Upper
154 100
153 116.2 86.2 129.4
152 54.1 41.5 62.3





#52

3-Nitroaniline

Concen: 5.96 ng

RT: 14.24 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

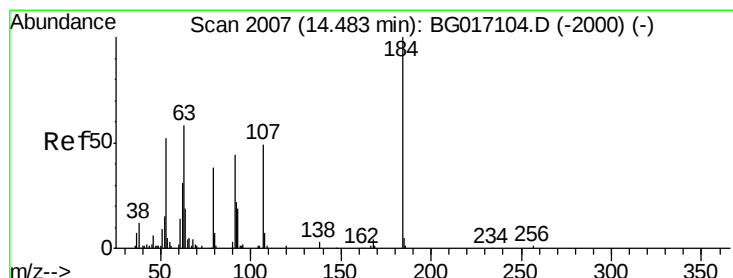
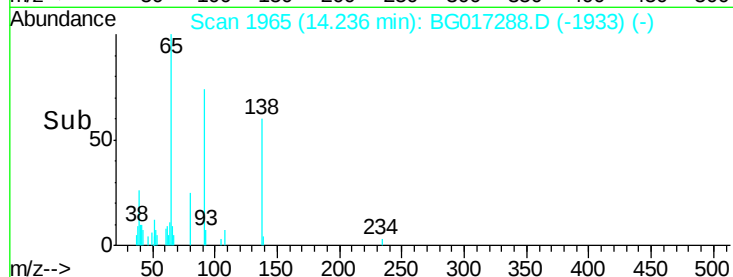
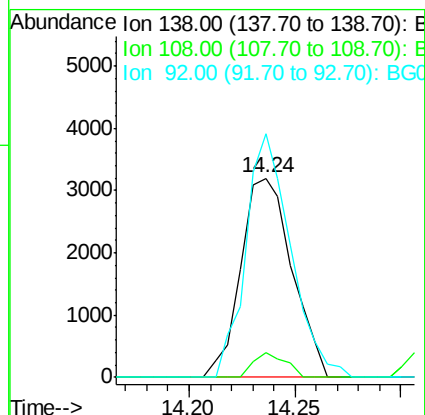
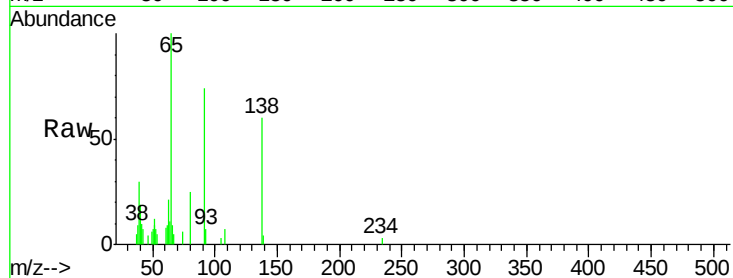
Tgt Ion:138 Resp: 5368

Ion Ratio Lower Upper

138 100

108 12.4 7.6 11.4#

92 122.5 93.6 140.4



#53

2,4-Dinitrophenol

Concen: 7.33 ng

RT: 14.45 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

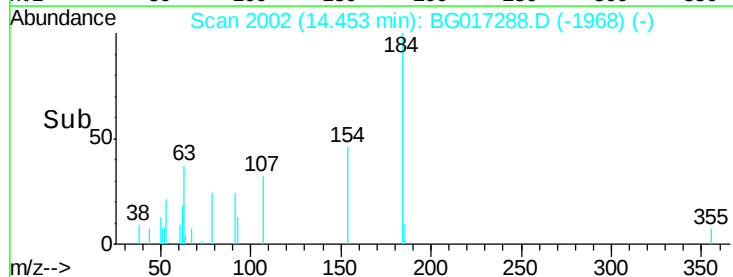
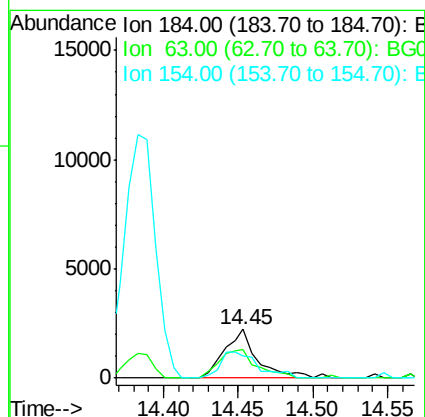
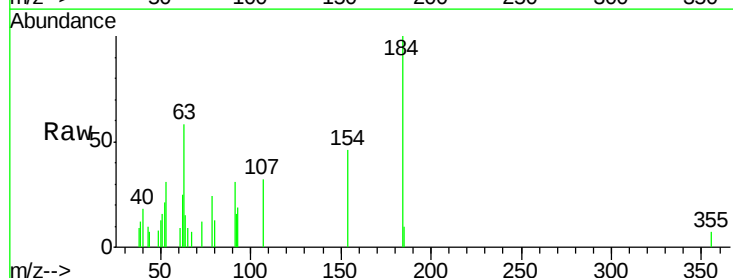
Tgt Ion:184 Resp: 3455

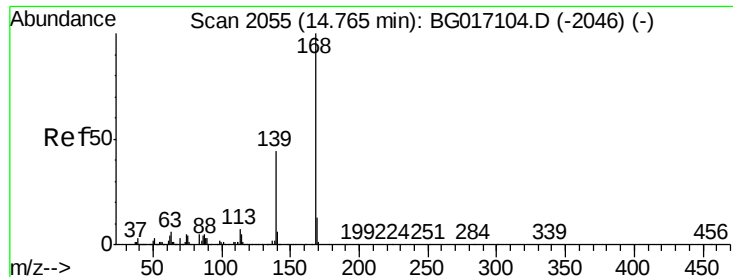
Ion Ratio Lower Upper

184 100

63 57.8 63.6 95.4#

154 46.0 47.8 71.6#





#54

Dibenzenofuran

Concen: 6.43 ng

RT: 14.72 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

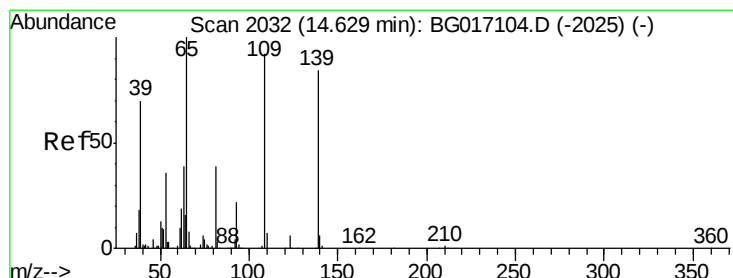
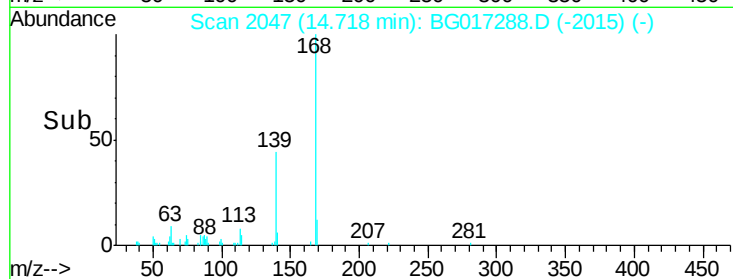
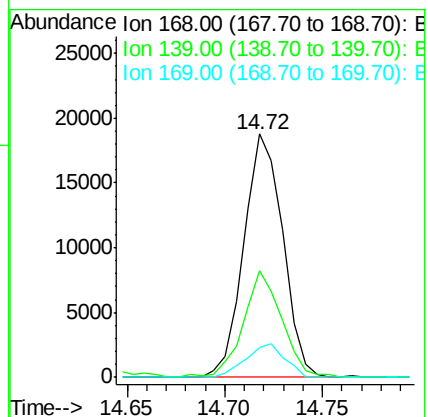
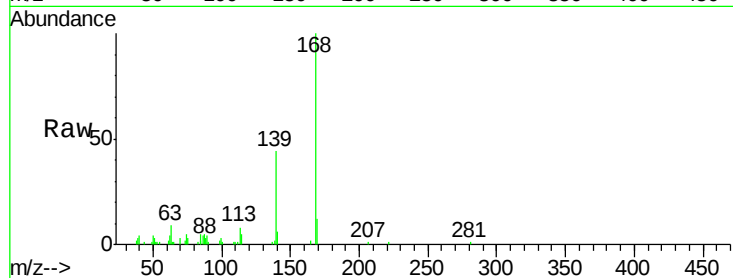
Tgt Ion:168 Resp: 25836

Ion Ratio Lower Upper

168 100

139 43.6 34.9 52.3

169 12.2 10.5 15.7



#55

4-Nitrophenol

Concen: 12.56 ng

RT: 14.59 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

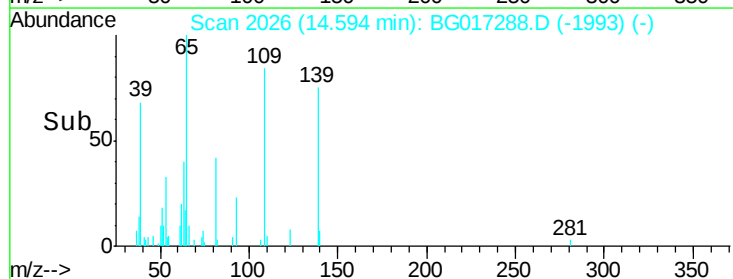
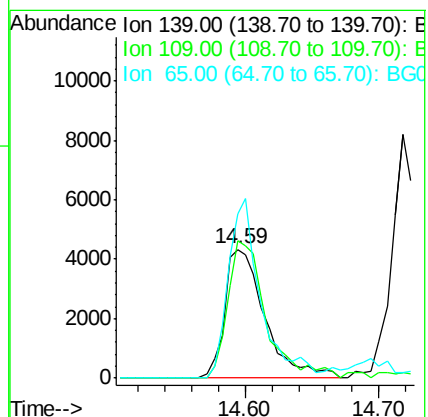
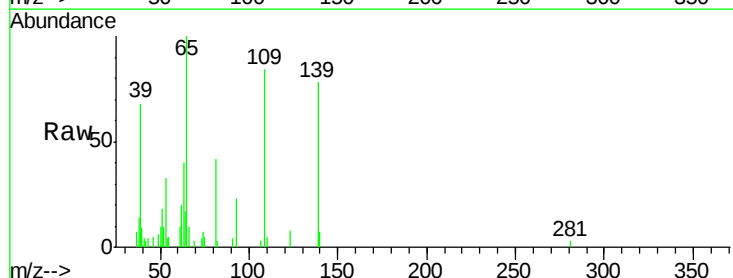
Tgt Ion:139 Resp: 9110

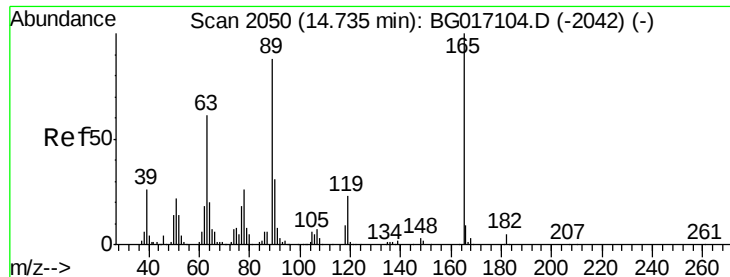
Ion Ratio Lower Upper

139 100

109 107.2 90.5 130.5

65 127.9 99.9 139.9





#56

2,4-Dinitrotoluene

Concen: 6.98 ng

RT: 14.69 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

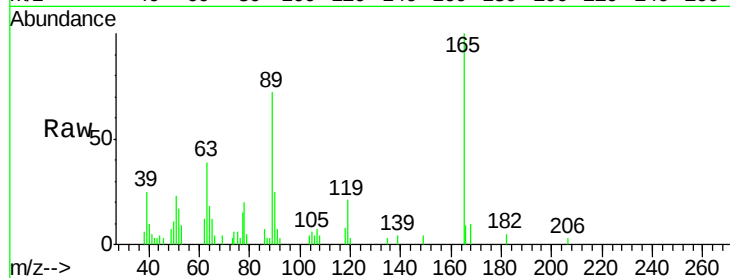
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	165	Resp:	7905
Ion	Ratio	Lower	Upper
165	100		
63	39.1	49.0	73.4#
89	72.0	70.1	105.1
182	5.5	3.9	5.9

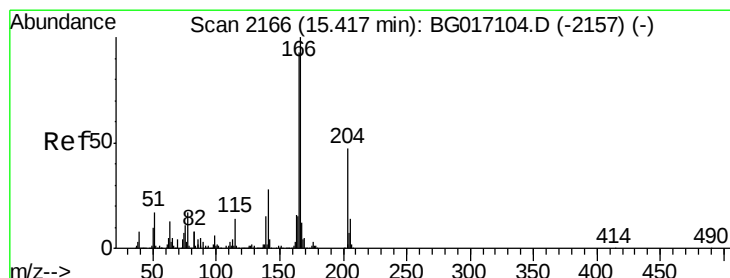
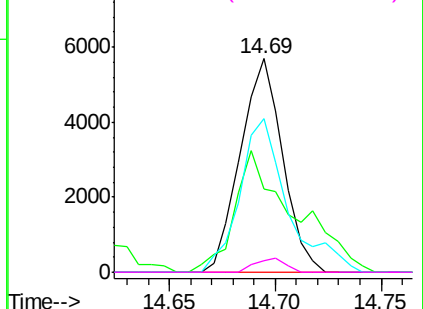
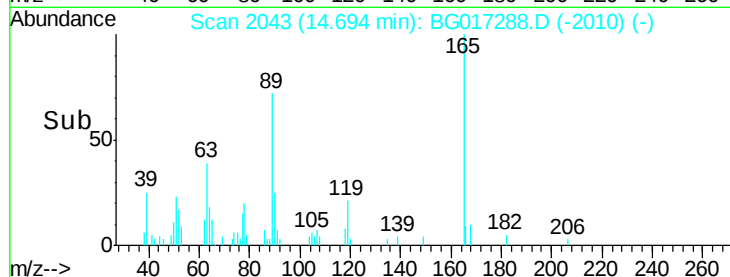


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 6.70 ng

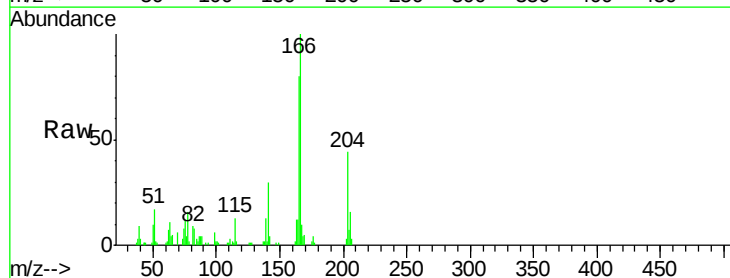
RT: 15.37 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

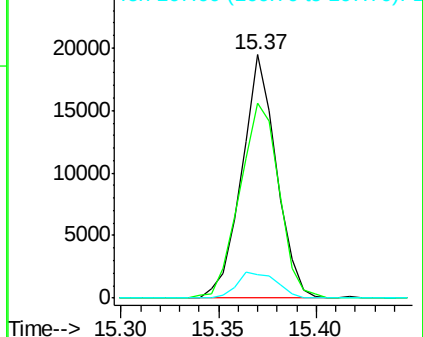
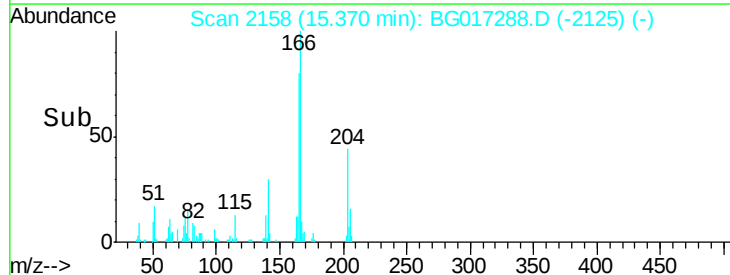
Tgt Ion:	166	Resp:	23834
Ion	Ratio	Lower	Upper
166	100		
165	79.8	74.2	111.4
167	9.7	9.8	14.8#

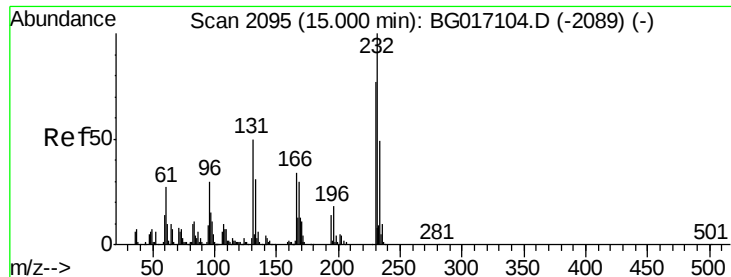


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 6.75 ng

RT: 14.96 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:232 Resp: 5997

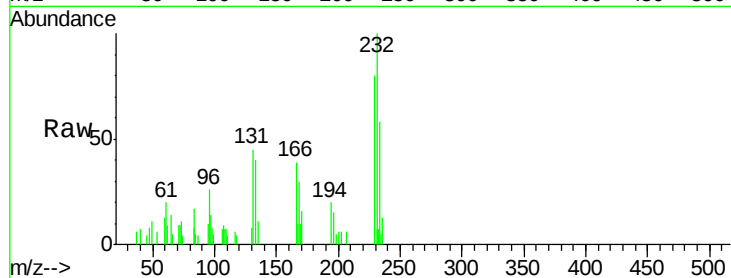
Ion Ratio Lower Upper

232 100

131 53.7 42.7 64.1

130 5.5 3.0 4.4#

166 35.2 25.7 38.5

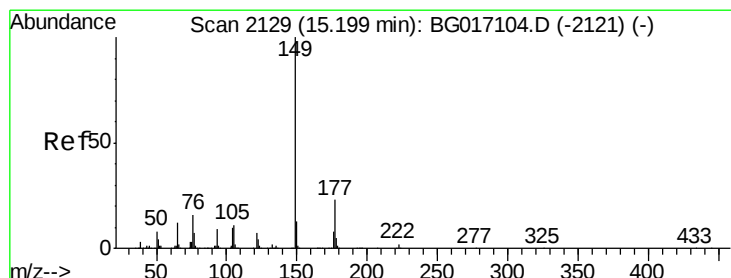
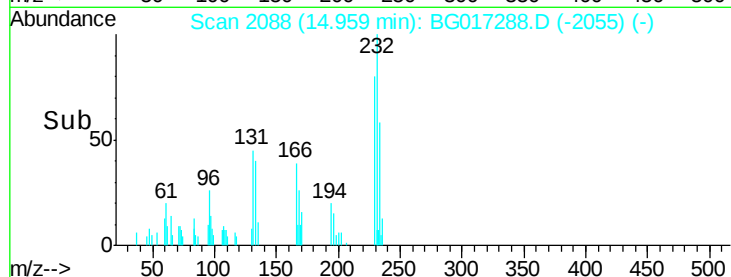
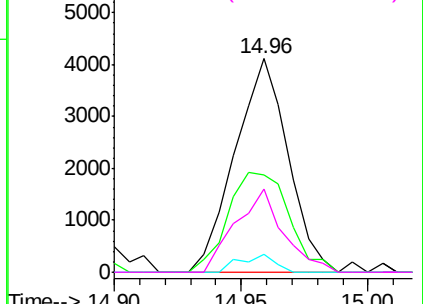


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 6.15 ng

RT: 15.15 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

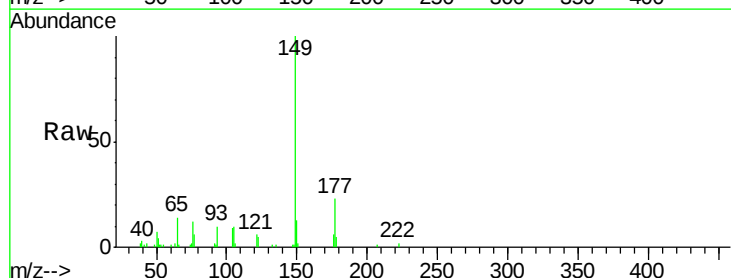
Tgt Ion:149 Resp: 24215

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

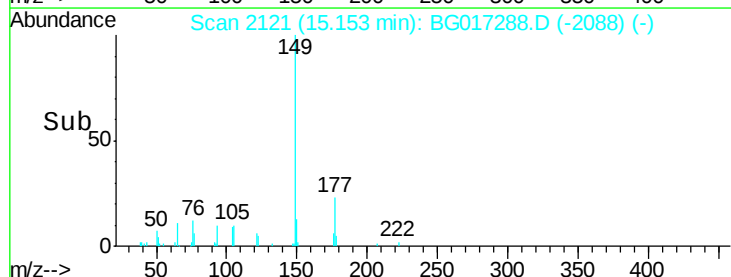
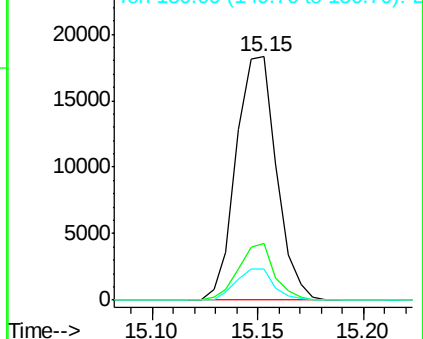
150 13.0 10.4 15.6

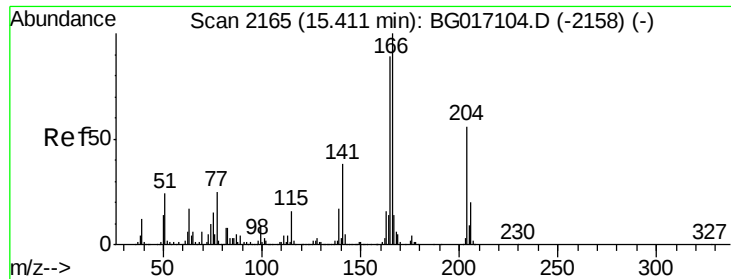


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

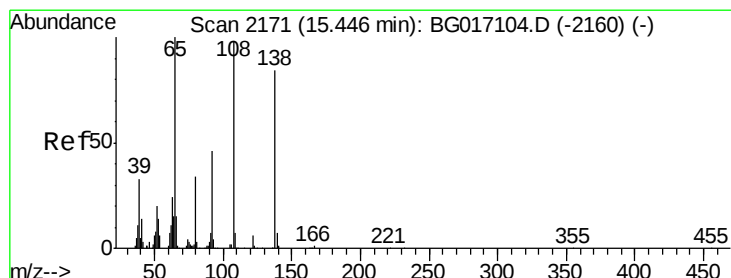
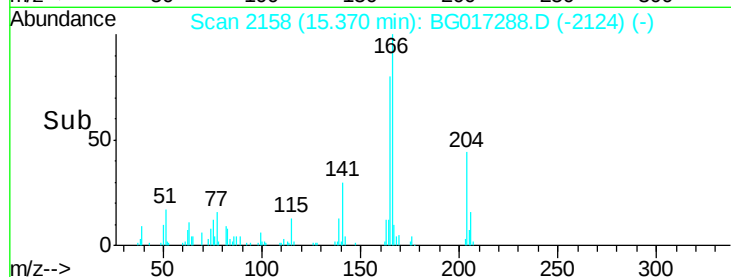
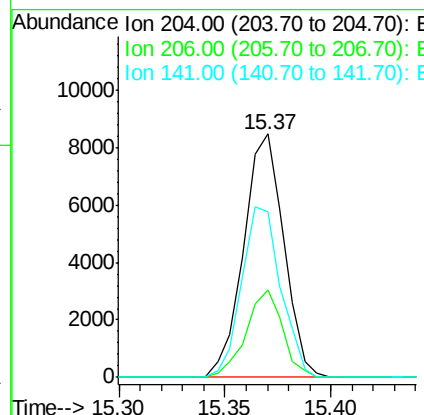
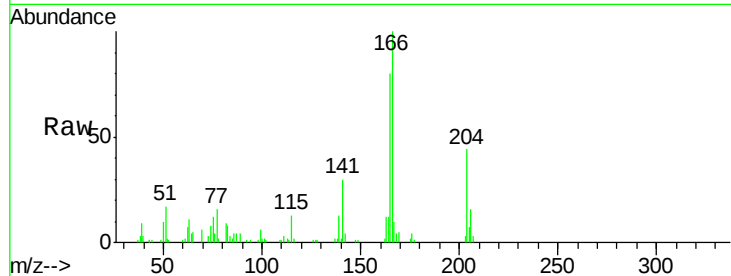




#60
 4-Chlorophenyl-phenylether
 Concen: 6.12 ng
 RT: 15.37 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

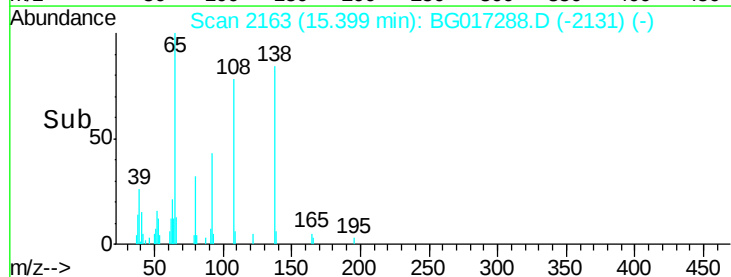
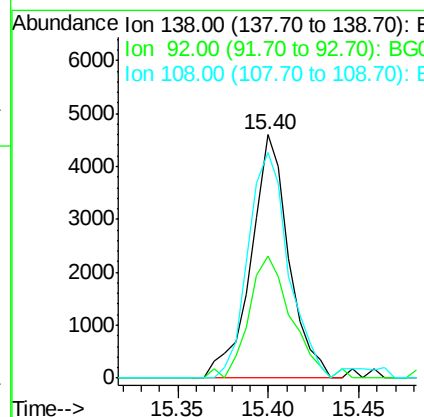
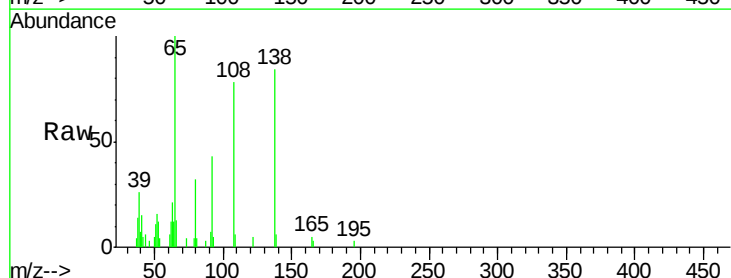
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

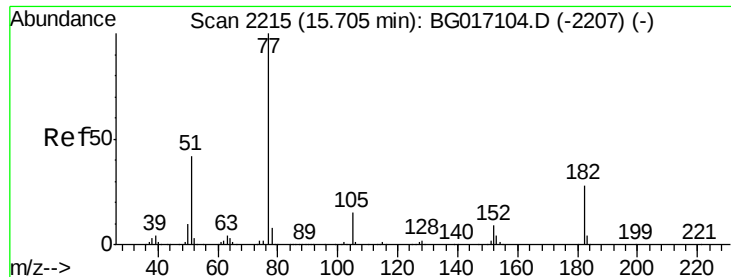
Tgt Ion: 204 Resp: 11184
 Ion Ratio Lower Upper
 204 100
 206 36.1 28.6 42.8
 141 67.9 54.2 81.2



#61
 4-Nitroaniline
 Concen: 6.63 ng
 RT: 15.40 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion: 138 Resp: 6664
 Ion Ratio Lower Upper
 138 100
 92 50.3 34.9 74.9
 108 92.8 95.8 135.8#

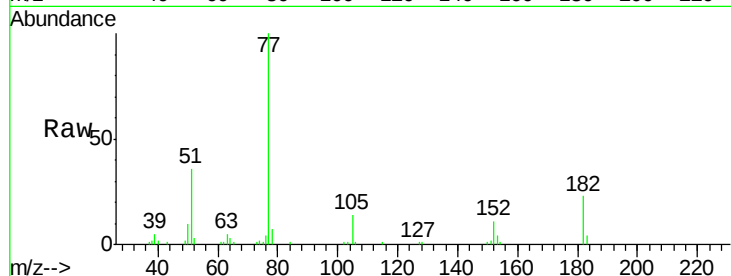




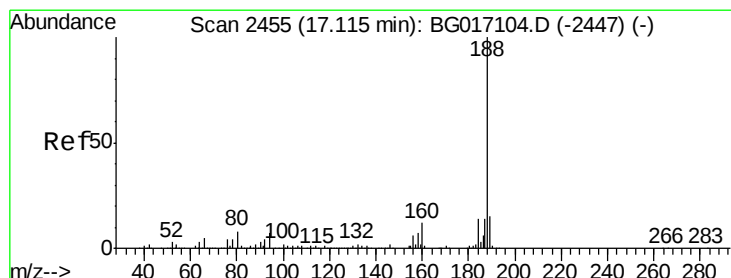
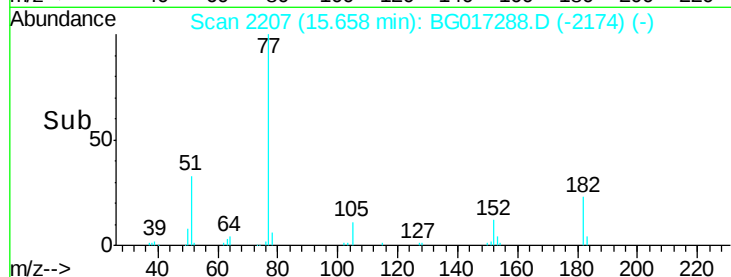
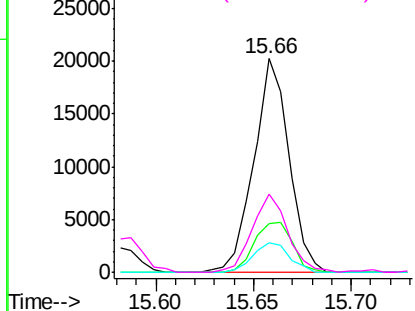
#62
Azobenzene
Concen: 6.69 ng
RT: 15.66 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion:	77	Resp:	25153
Ion	Ratio	Lower	Upper
77	100		
182	22.6	8.1	48.1
105	13.9	0.0	34.8
51	36.5	22.0	62.0

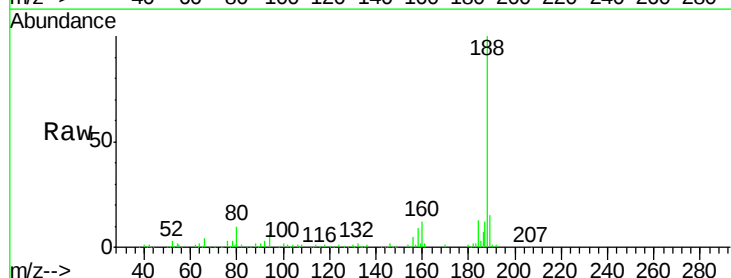


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

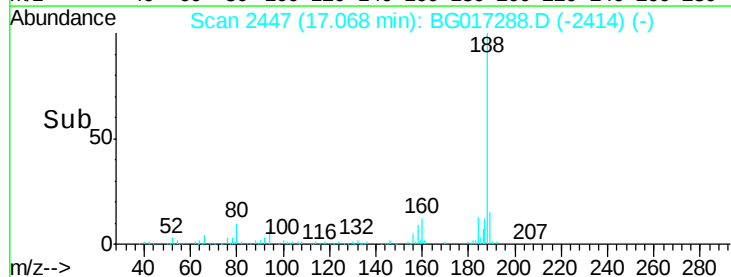
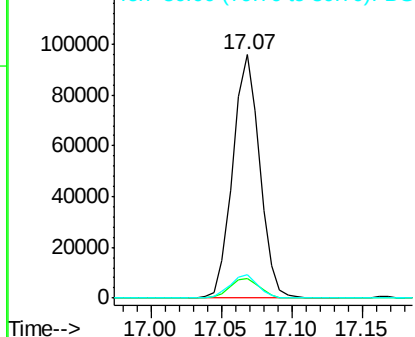


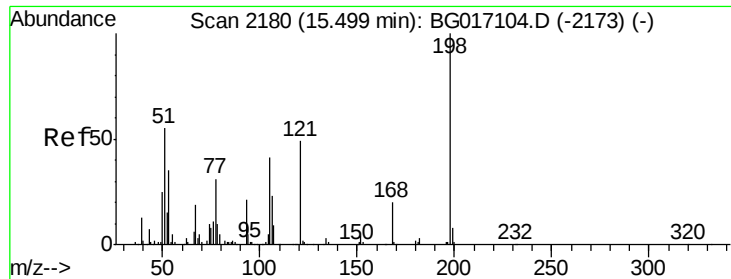
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion:	188	Resp:	127613
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	9.5	6.5	9.7



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

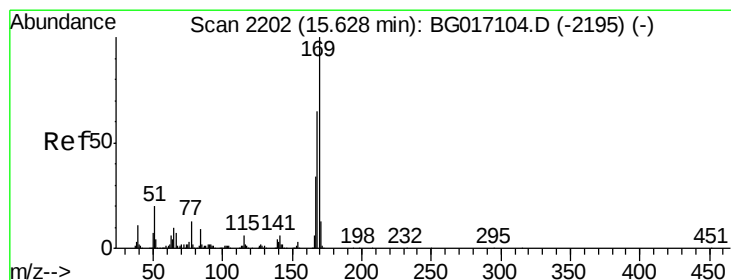
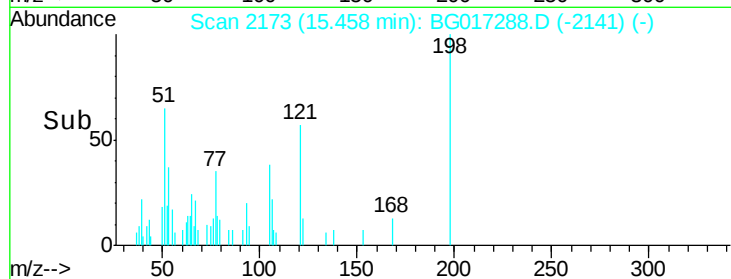
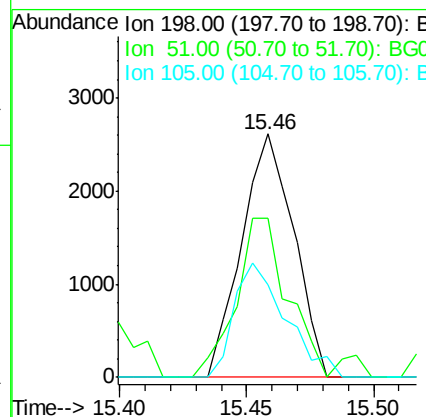
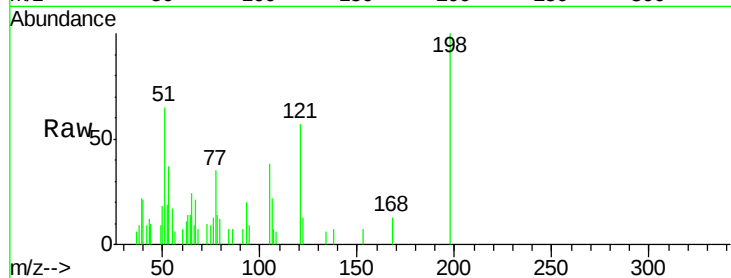




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.28 ng
 RT: 15.46 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

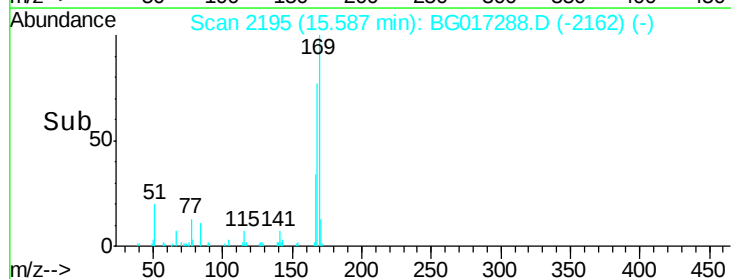
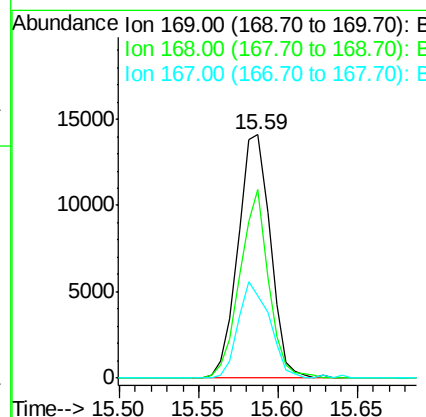
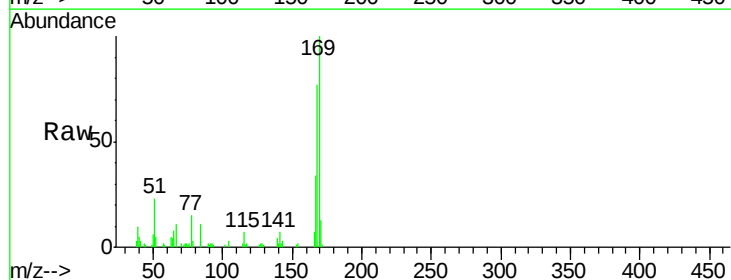
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

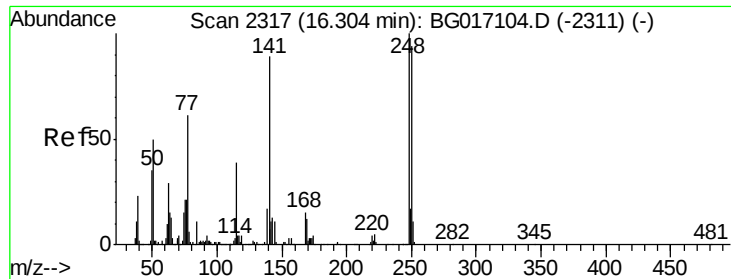
Tgt Ion:198 Resp: 3745
 Ion Ratio Lower Upper
 198 100
 51 65.5 39.9 79.9
 105 37.9 22.0 62.0



#65
 n-Nitrosodiphenylamine
 Concen: 5.11 ng
 RT: 15.59 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion:169 Resp: 20020
 Ion Ratio Lower Upper
 169 100
 168 77.4 51.7 77.5
 167 33.6 27.4 41.0

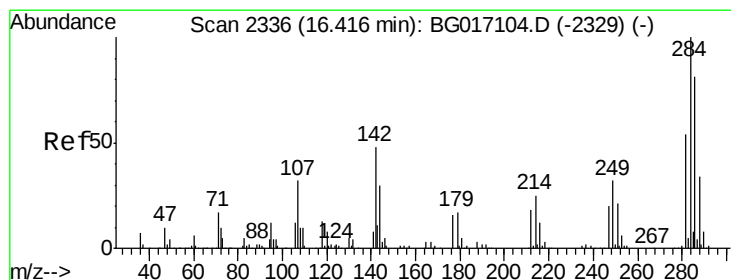
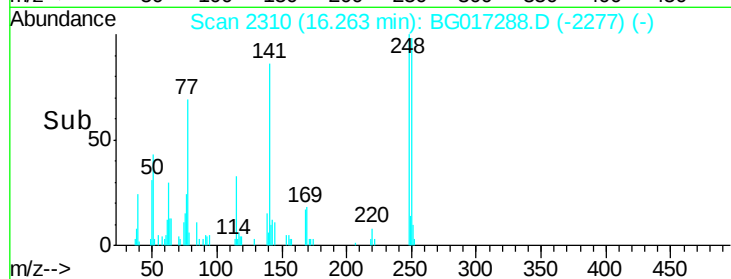
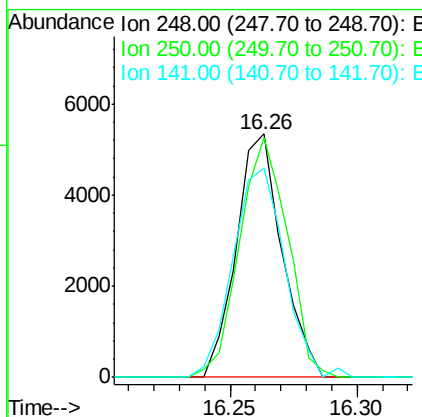
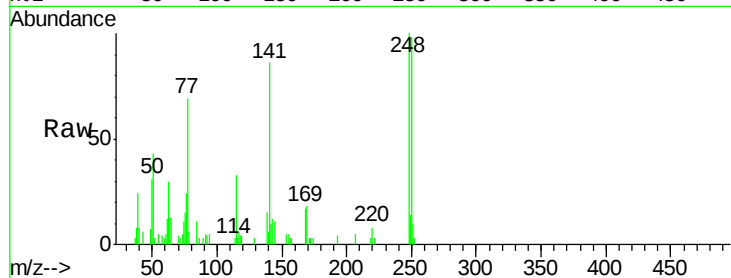




#66
 4-Bromophenyl-phenylether
 Concen: 4.80 ng
 RT: 16.26 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

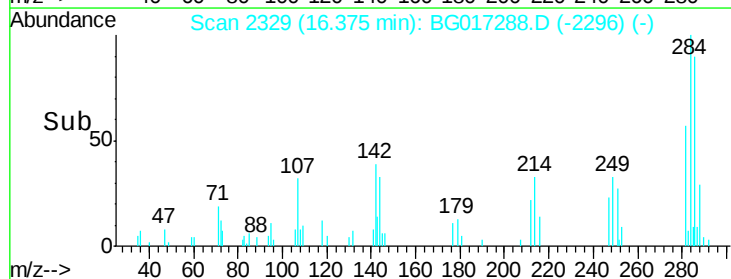
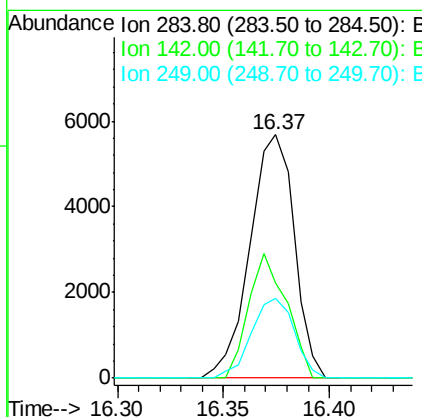
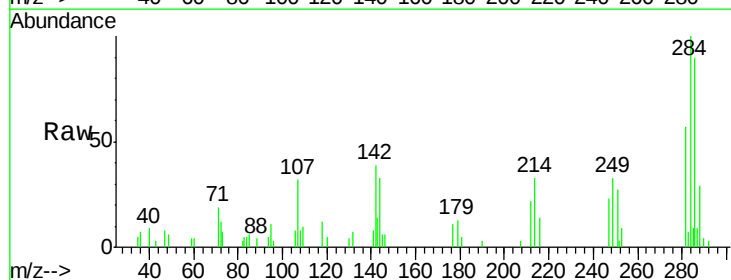
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

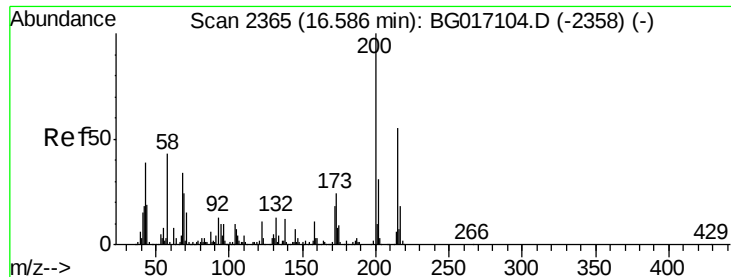
Tgt Ion:248 Resp: 6687
 Ion Ratio Lower Upper
 248 100
 250 98.4 75.0 112.4
 141 85.9 71.3 106.9



#67
 Hexachlorobenzene
 Concen: 5.64 ng
 RT: 16.37 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion:284 Resp: 8277
 Ion Ratio Lower Upper
 284 100
 142 39.1 38.2 57.2
 249 32.7 25.2 37.8





#68

Atrazine

Concen: 6.43 ng

RT: 16.54 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

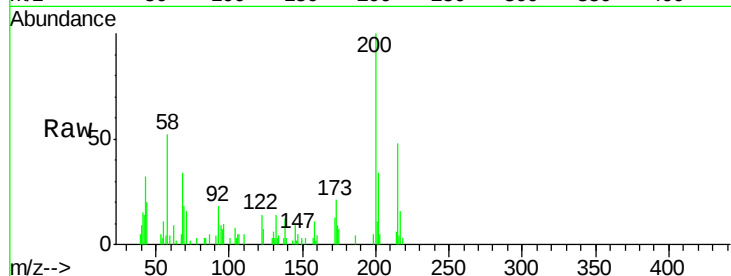
Tgt Ion:200 Resp: 9213

Ion Ratio Lower Upper

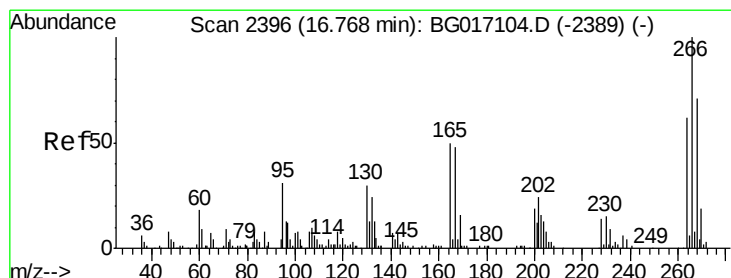
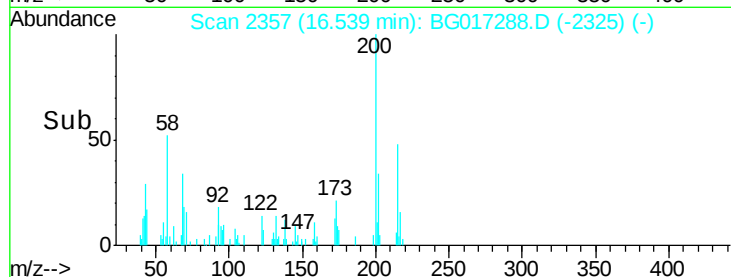
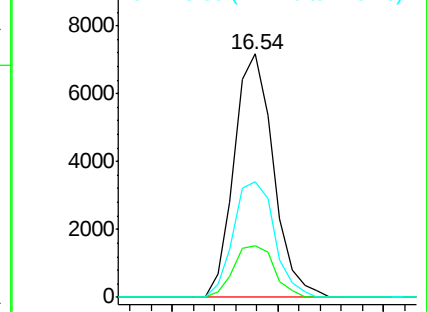
200 100

173 21.2 3.7 43.7

215 47.7 35.5 75.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 9.05 ng

RT: 16.73 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

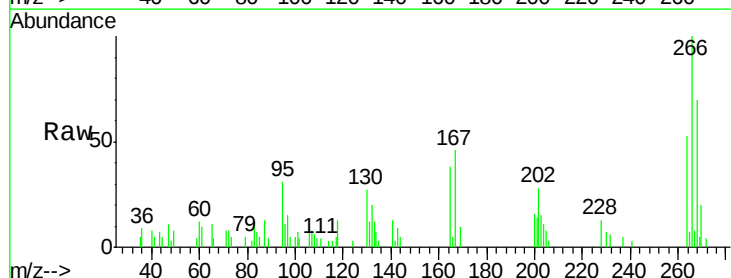
Tgt Ion:266 Resp: 8295

Ion Ratio Lower Upper

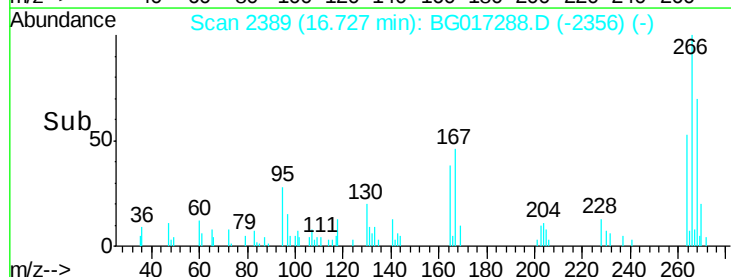
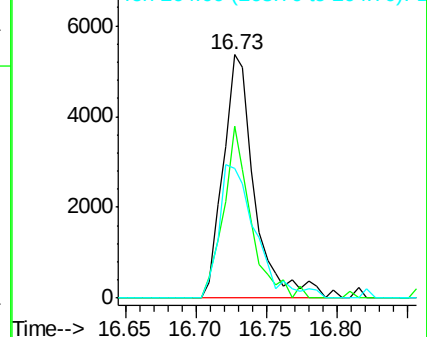
266 100

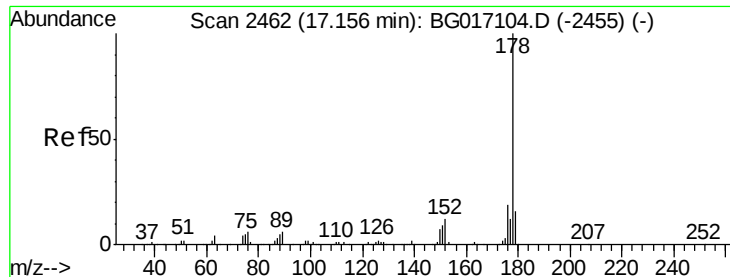
268 70.5 56.6 84.8

264 53.1 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: 6.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

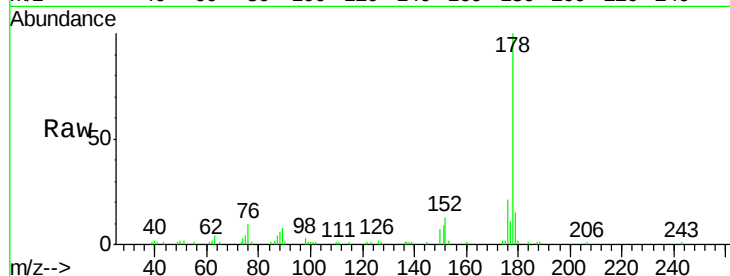
Tgt Ion:178 Resp: 39477

Ion Ratio Lower Upper

178 100

176 20.9 15.4 23.2

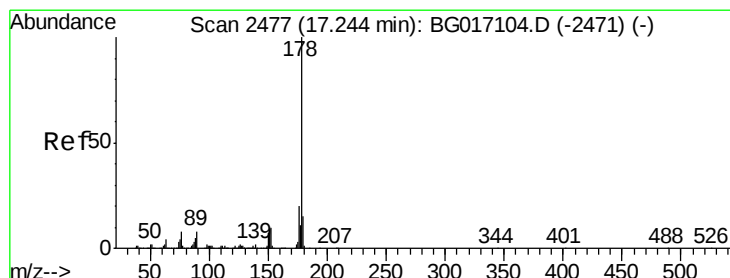
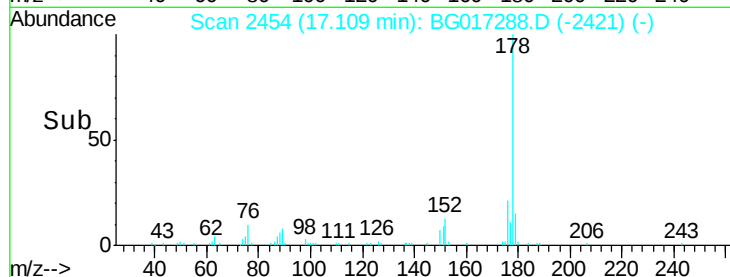
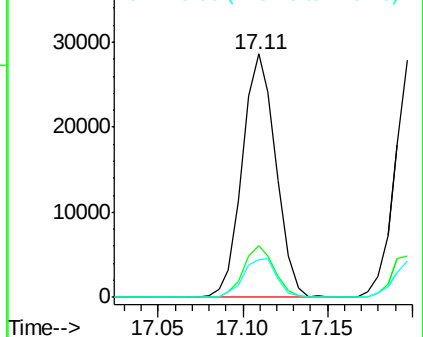
179 15.5 12.5 18.7



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: 5.91 ng

RT: 17.20 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

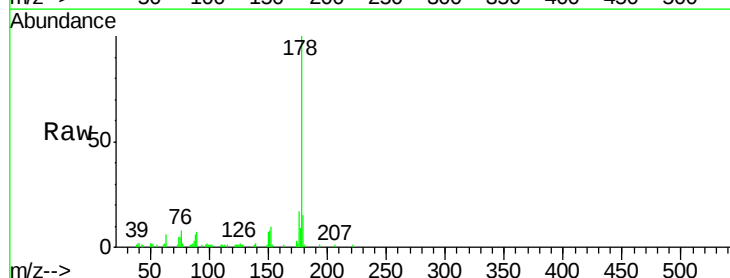
Tgt Ion:178 Resp: 39415

Ion Ratio Lower Upper

178 100

176 17.4 16.3 24.5

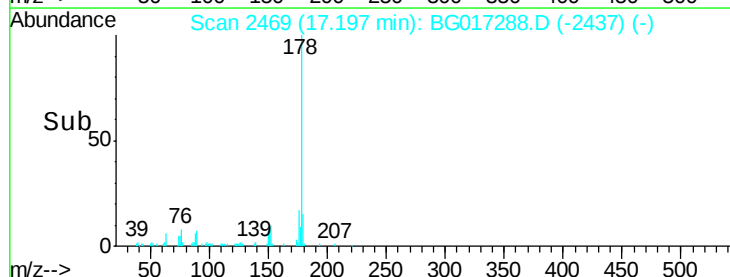
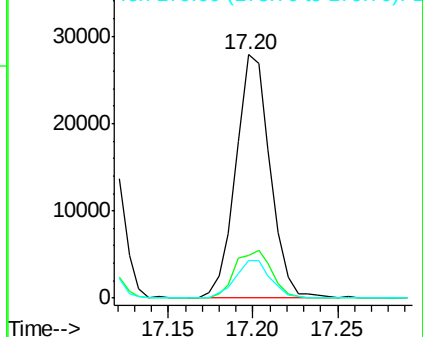
179 15.4 12.1 18.1

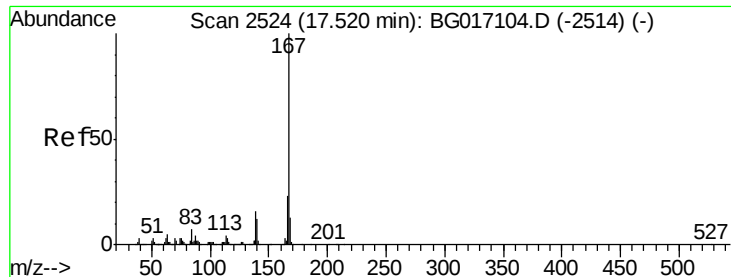


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.33 ng

RT: 17.48 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

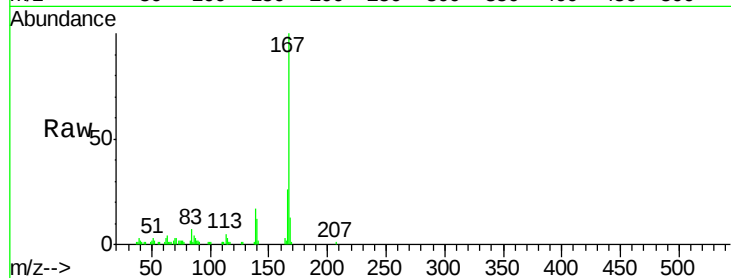
Tgt Ion:167 Resp: 38819

Ion Ratio Lower Upper

167 100

166 26.3 18.4 27.6

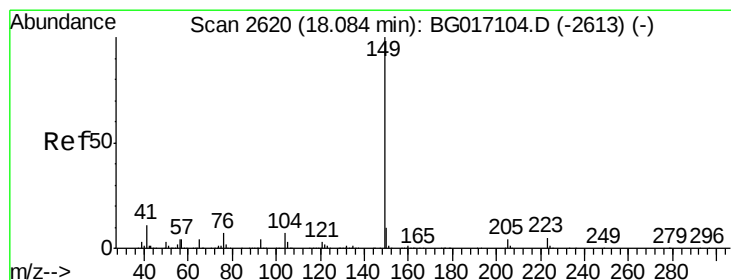
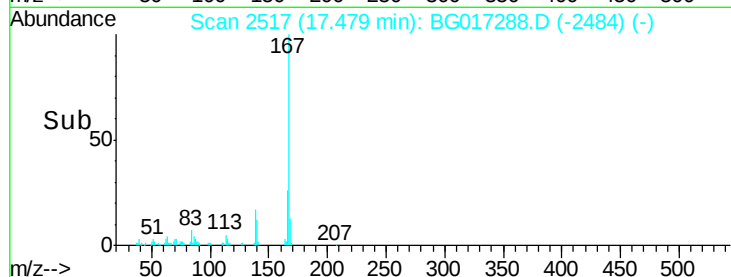
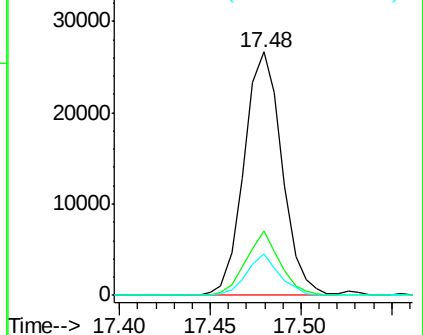
139 17.1 13.0 19.4



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: 6.44 ng

RT: 18.04 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

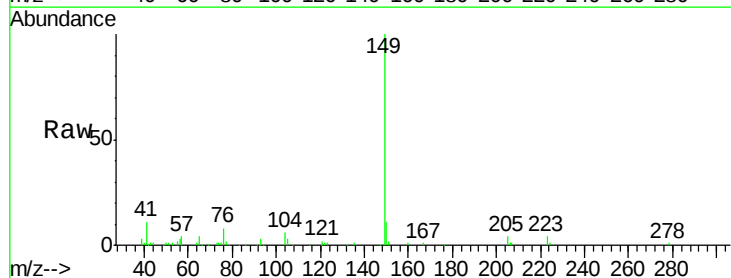
Tgt Ion:149 Resp: 52788

Ion Ratio Lower Upper

149 100

150 10.9 8.2 12.4

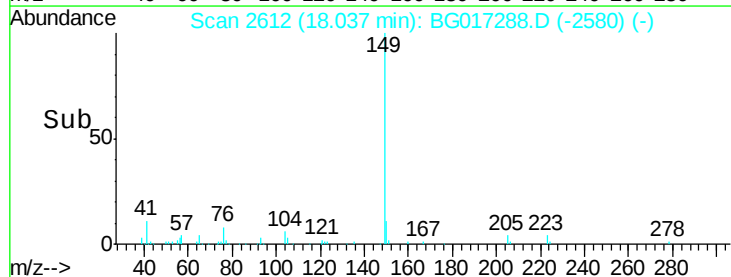
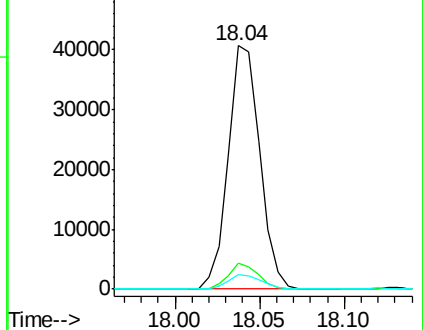
104 6.0 5.7 8.5

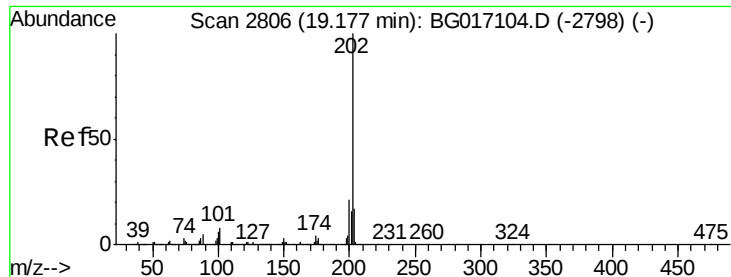


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 6.49 ng

RT: 19.13 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

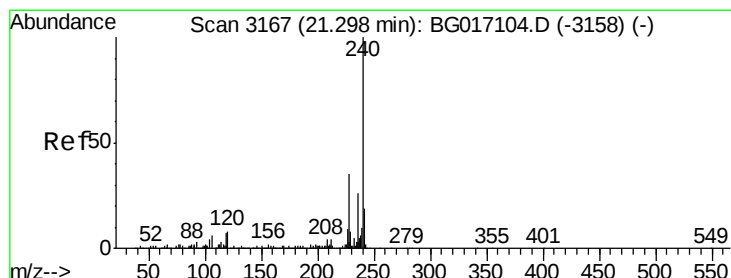
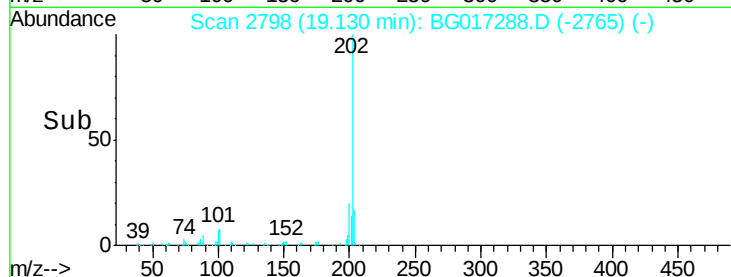
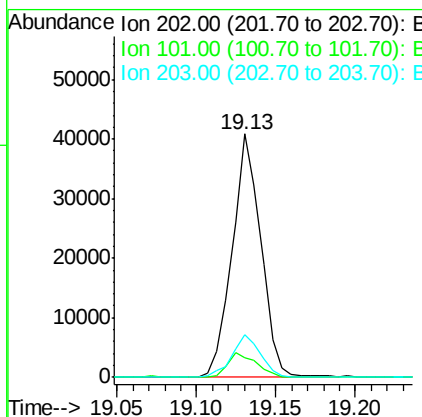
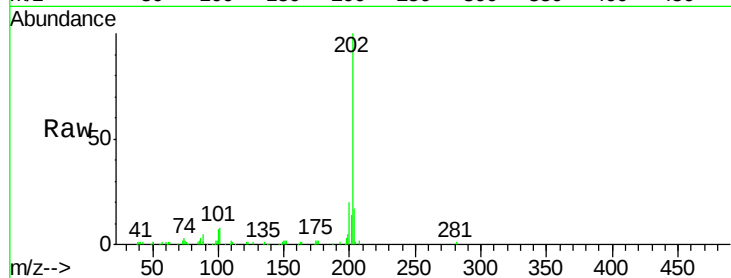
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	202	Resp:	51280
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.3
203	17.5	0.0	37.4



#75

Chrysene-d12

Concen: 20.00 ng

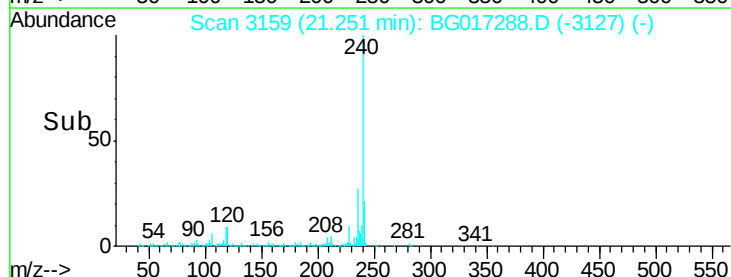
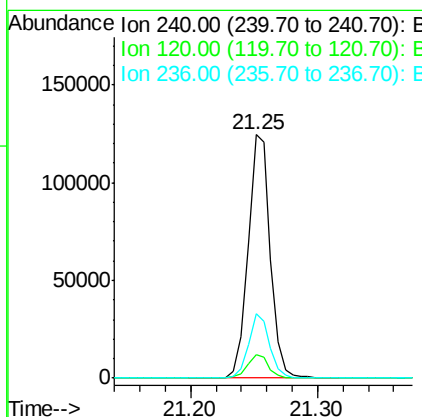
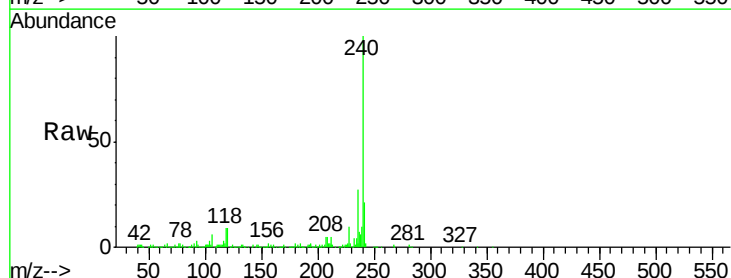
RT: 21.25 min Scan# 3159

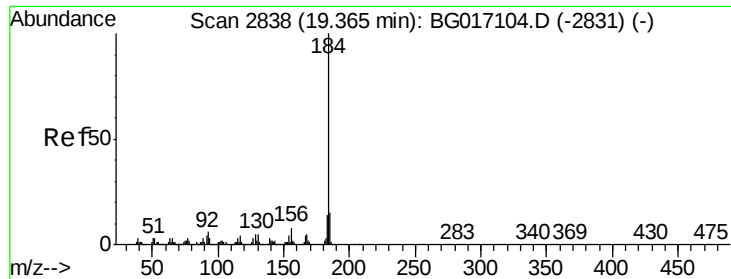
Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Tgt Ion:	240	Resp:	150859
Ion Ratio	Lower	Upper	
240	100		
120	9.5	6.0	9.0#
236	26.6	20.5	30.7





#76

Benzidine

Concen: 5.37 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

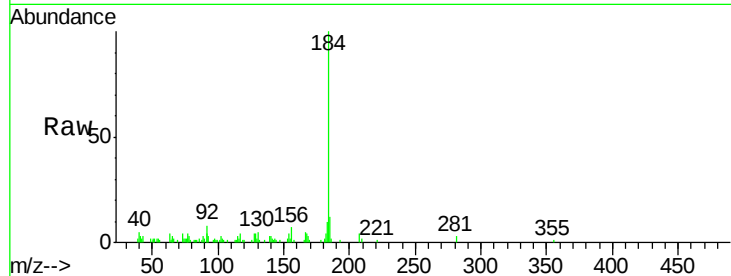
Tgt Ion:184 Resp: 26435

Ion Ratio Lower Upper

184 100

185 12.5 12.4 18.6

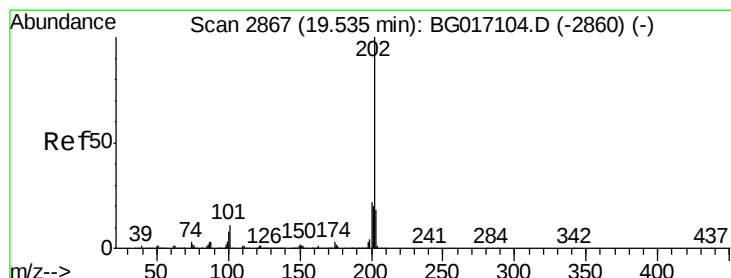
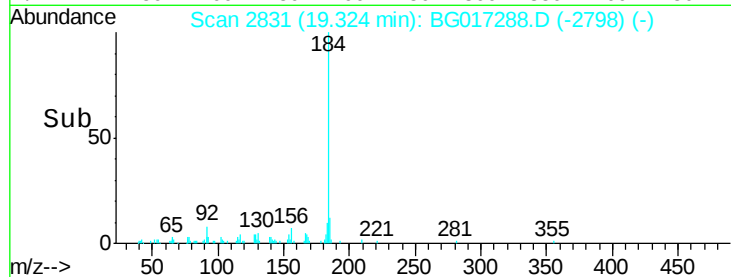
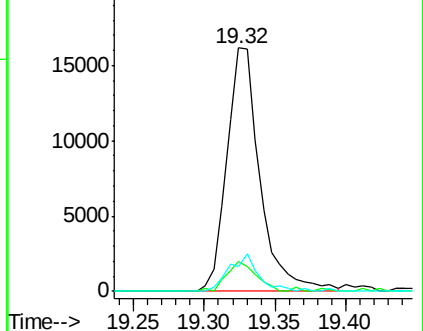
183 10.2 11.4 17.2#



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: 5.82 ng

RT: 19.49 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

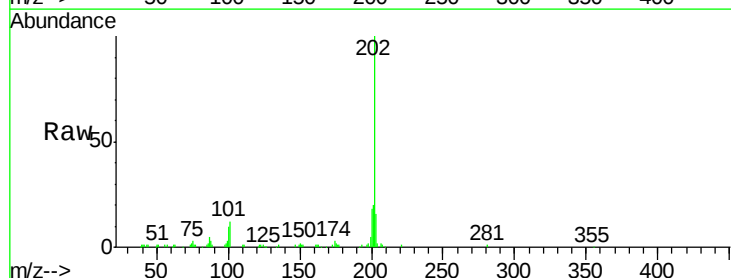
Tgt Ion:202 Resp: 53913

Ion Ratio Lower Upper

202 100

200 18.1 17.8 26.8

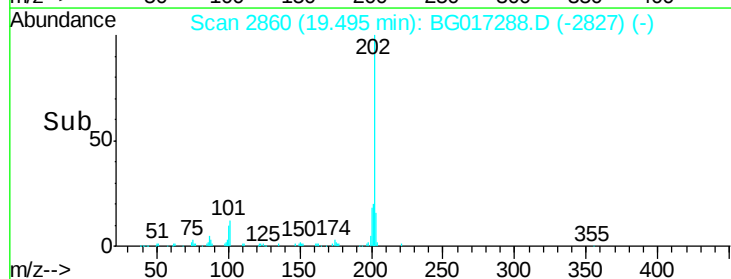
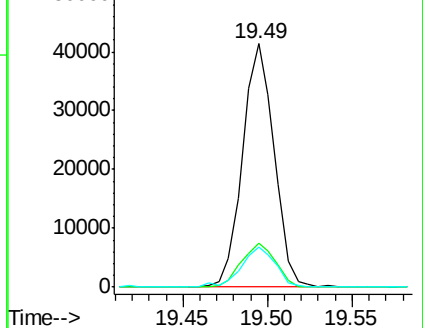
203 16.3 14.4 21.6

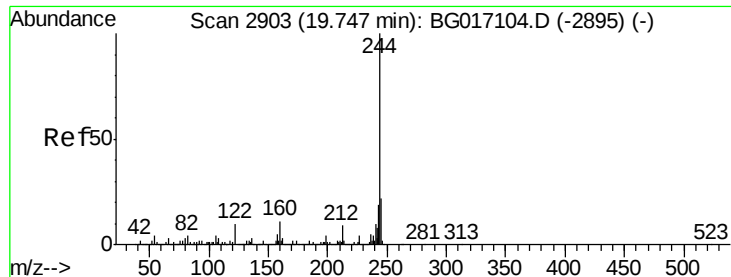


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.32 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

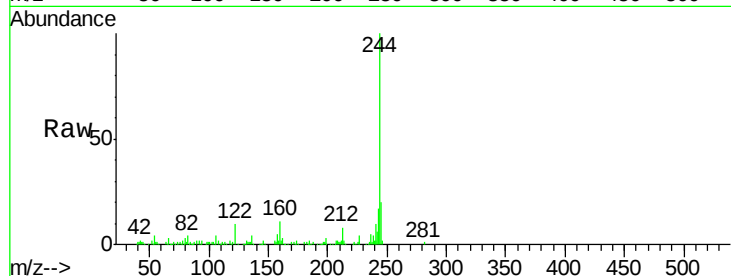
Tgt Ion:244 Resp: 81975

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

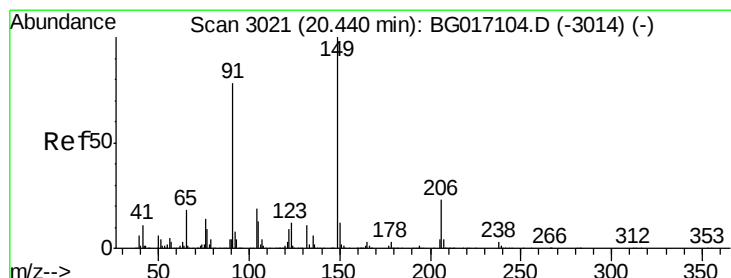
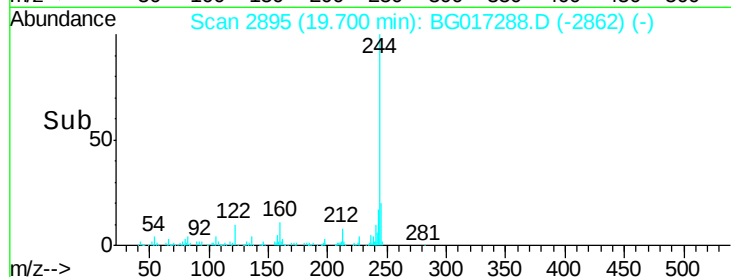
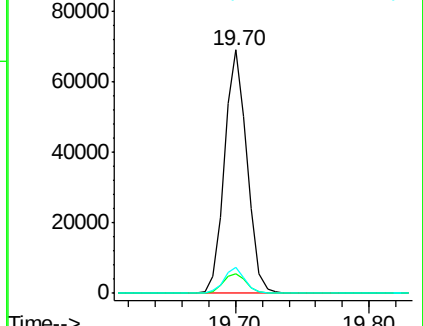
122 10.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 5.55 ng

RT: 20.40 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

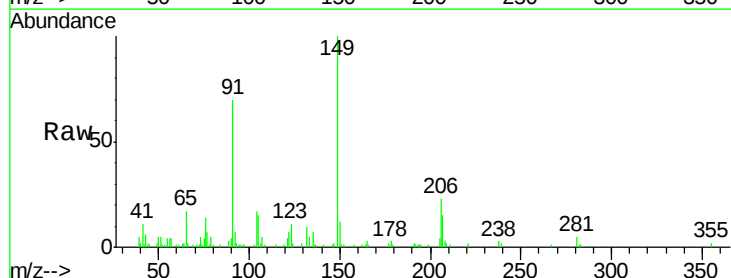
Tgt Ion:149 Resp: 23341

Ion Ratio Lower Upper

149 100

91 70.5 62.0 93.0

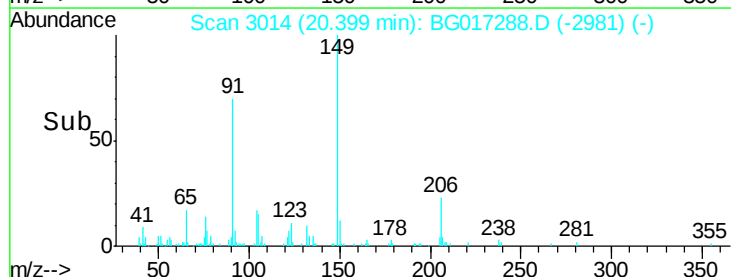
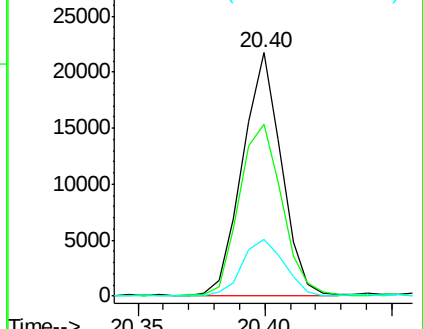
206 23.4 18.6 27.8

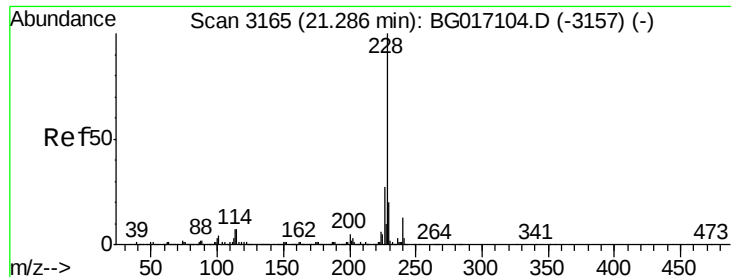


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 5.86 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

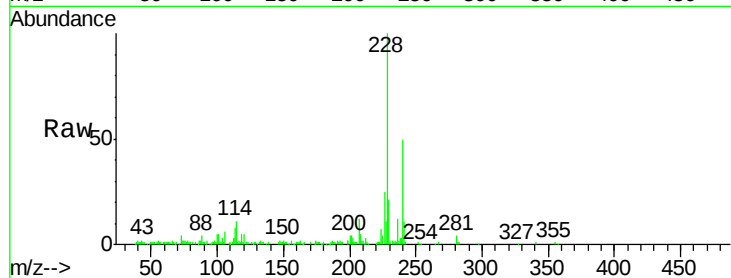
Tgt Ion:228 Resp: 50697

Ion Ratio Lower Upper

228 100

226 25.3 21.7 32.5

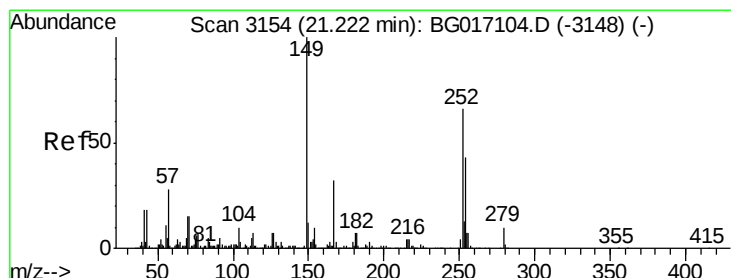
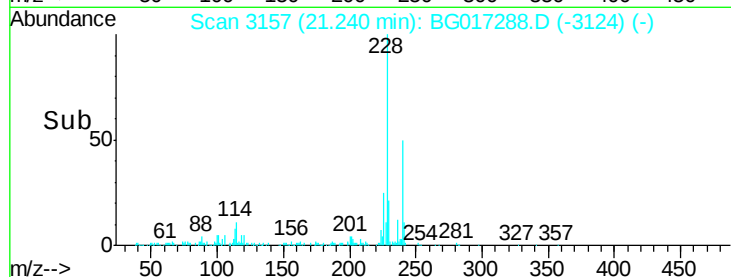
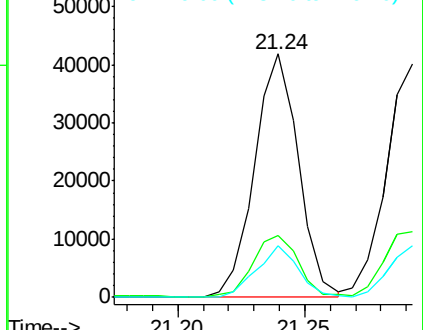
229 21.3 16.1 24.1



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: 4.49 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

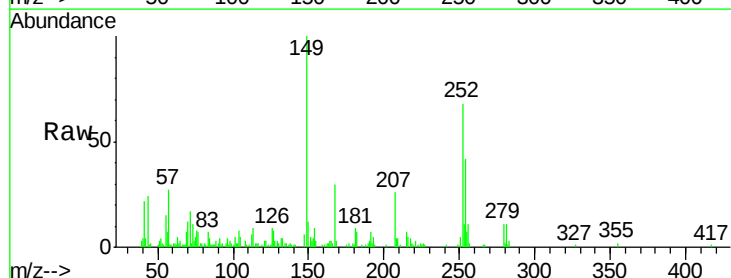
Tgt Ion:252 Resp: 15035

Ion Ratio Lower Upper

252 100

254 62.6 52.1 78.1

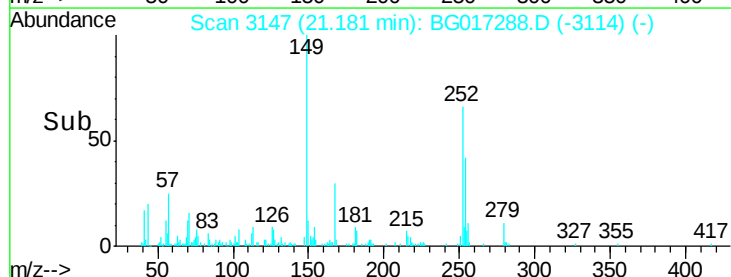
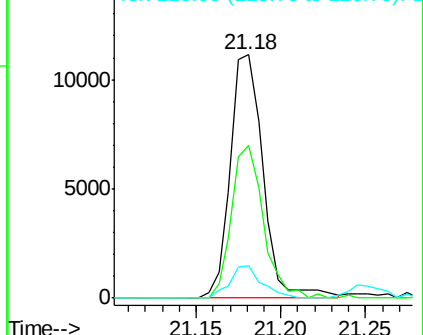
126 13.1 8.8 13.2

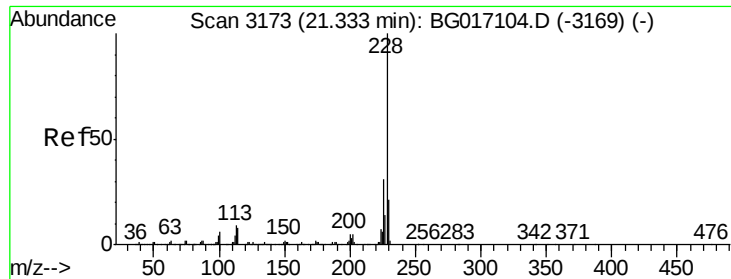


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 6.06 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

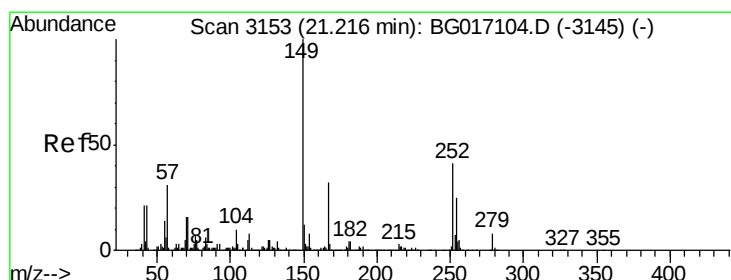
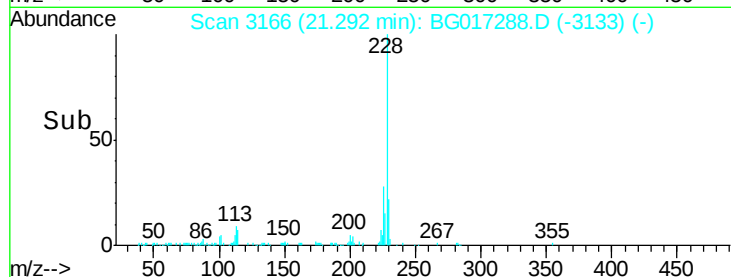
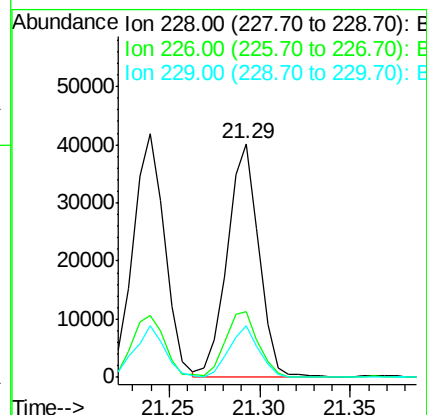
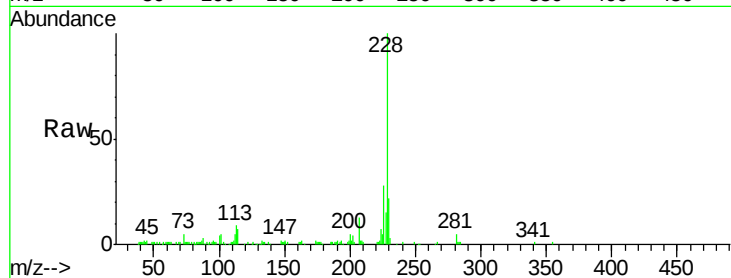
Tgt Ion:228 Resp: 48812

Ion Ratio Lower Upper

228 100

226 27.9 24.8 37.2

229 21.8 17.0 25.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.86 ng

RT: 21.17 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

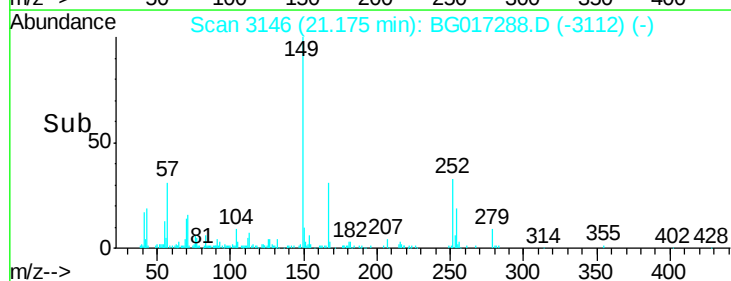
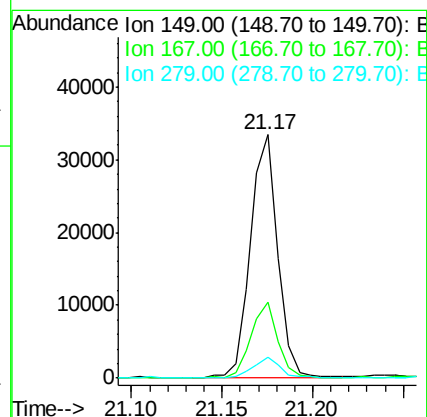
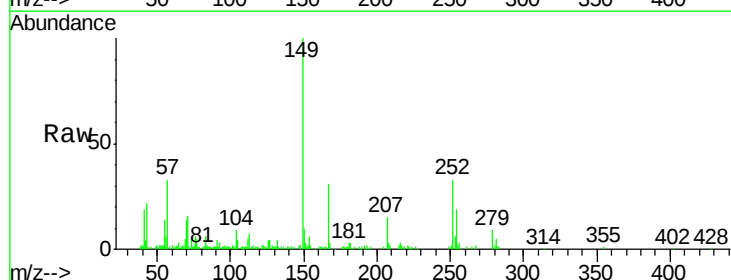
Tgt Ion:149 Resp: 35077

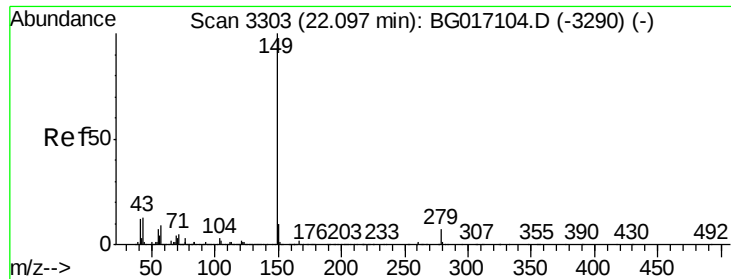
Ion Ratio Lower Upper

149 100

167 31.3 25.4 38.2

279 8.6 6.8 10.2

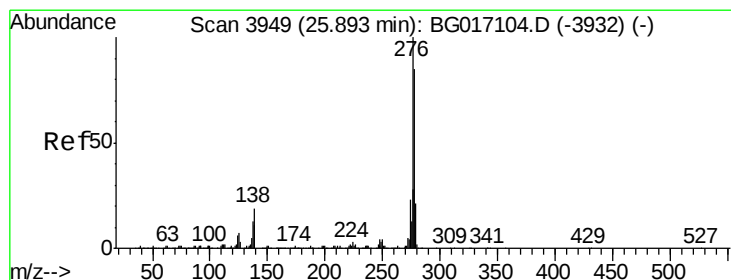
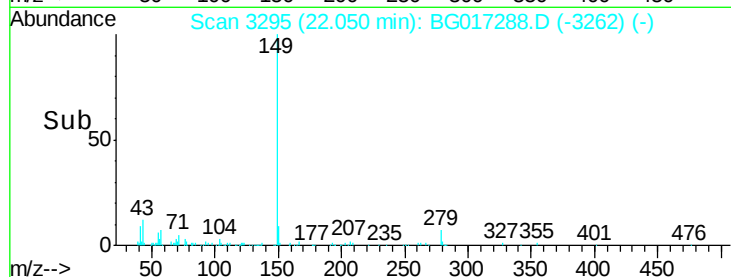
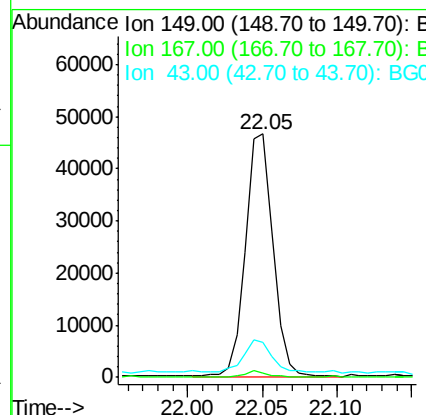
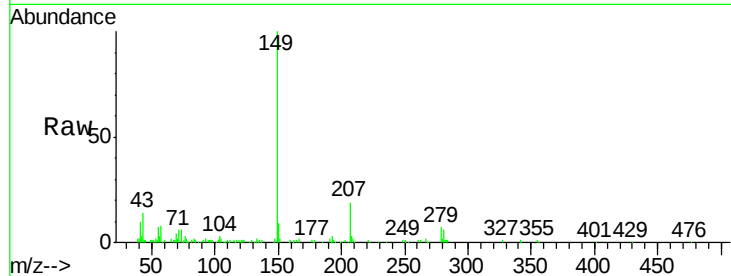




#84
 Di-n-octyl phthalate
 Concen: 5.95 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.01 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

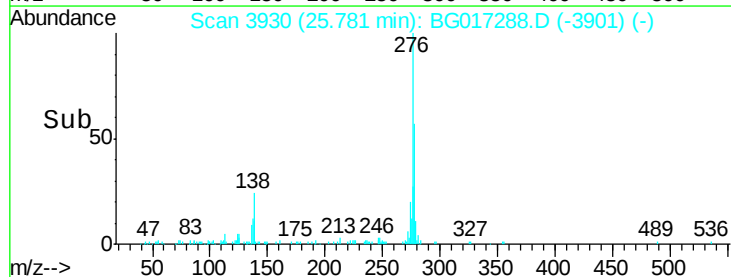
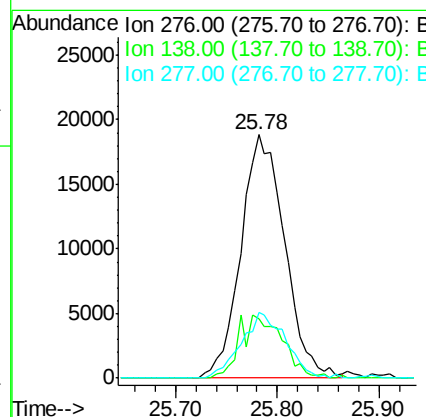
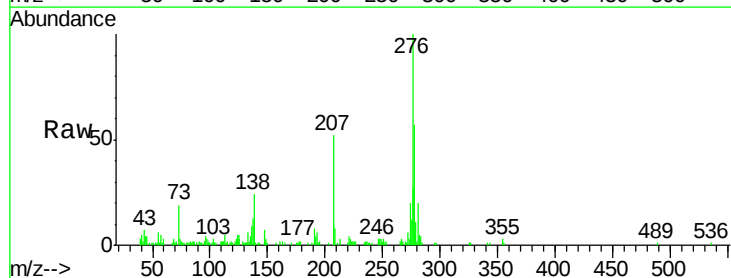
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

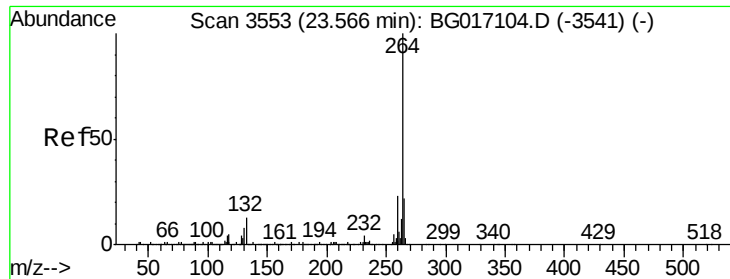
Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.4	2.0#
43	14.4	10.9	16.3



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.86 ng
 RT: 25.78 min Scan# 3930
 Delta R.T. -0.03 min
 Lab File: BG017288.D
 Acq: 26 May 2015 21:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.0	24.0#
277	27.0	20.9	31.3



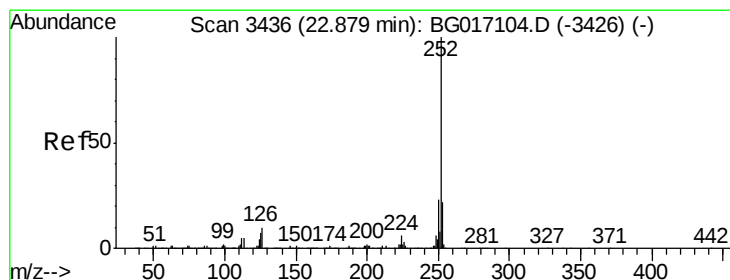
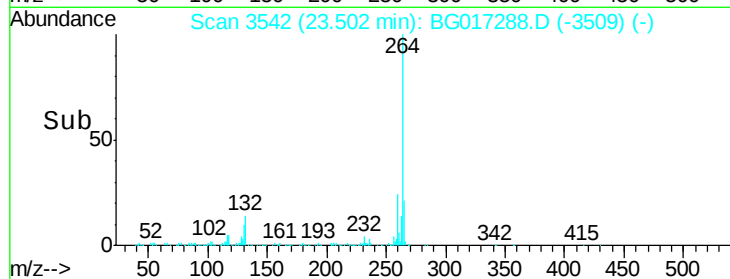
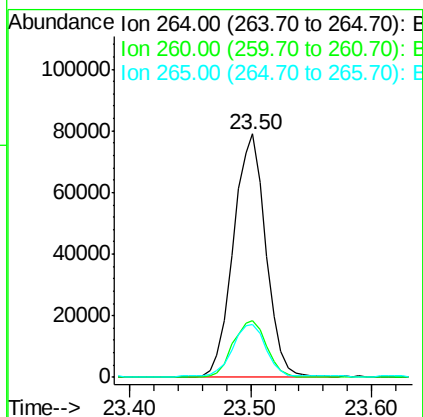
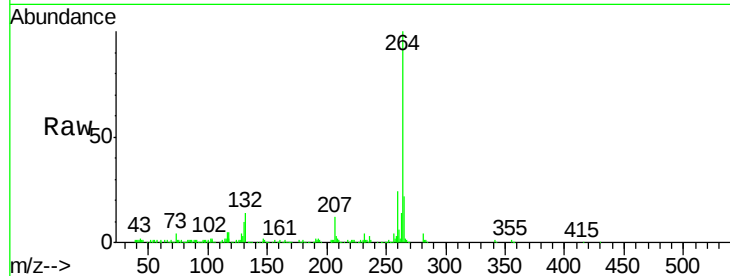


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion: 264 Resp: 147658

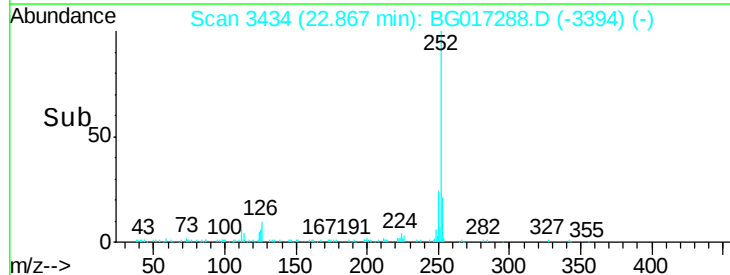
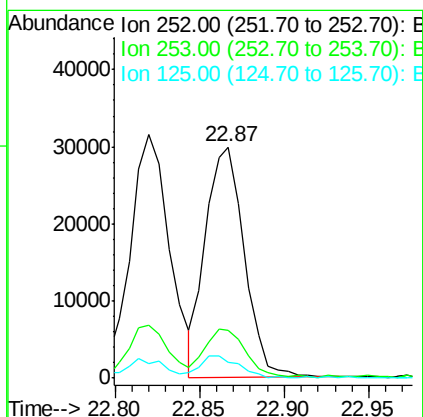
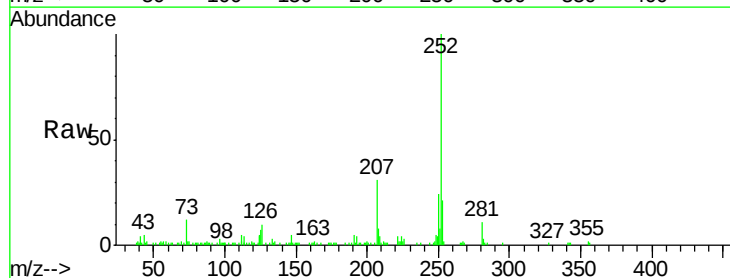
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.0	27.0
265	21.5	17.4	26.0

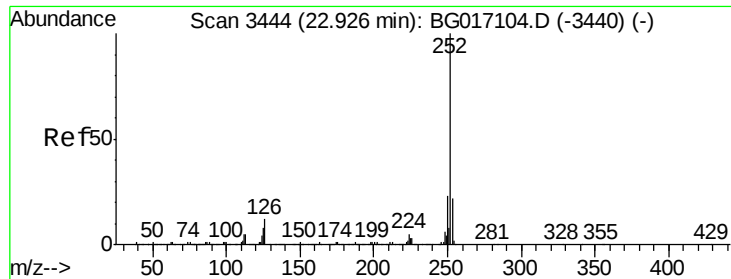


#87
Benzo(b)fluoranthene
Concen: 5.54 ng
RT: 22.87 min Scan# 3434
Delta R.T. 0.04 min
Lab File: BG017288.D
Acq: 26 May 2015 21:33

Tgt Ion: 252 Resp: 47647

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.2
125	6.8	5.9	8.9





#88

Benzo(k)fluoranthene

Concen: 5.83 ng

RT: 22.87 min Scan# 3434

Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

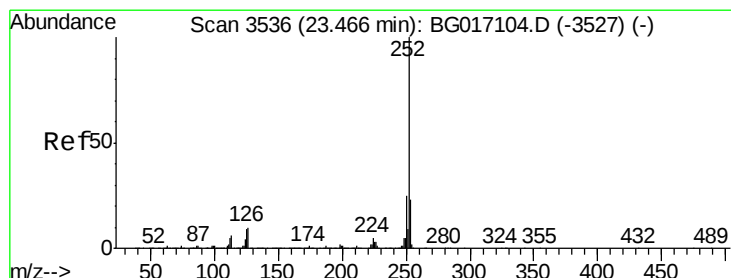
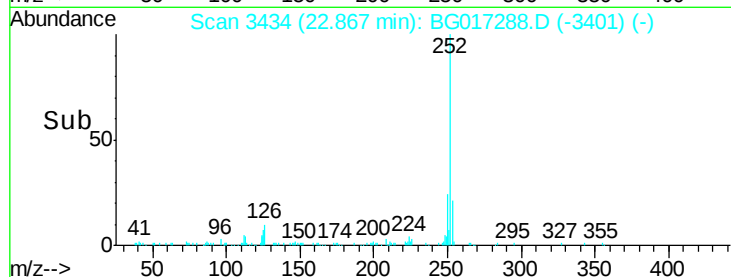
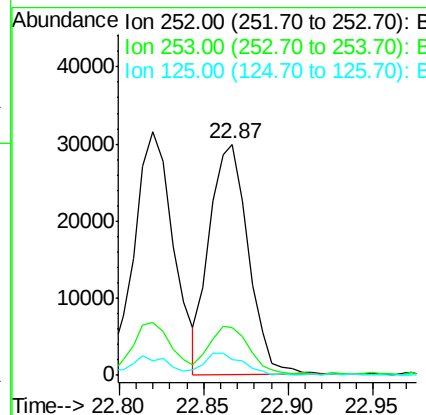
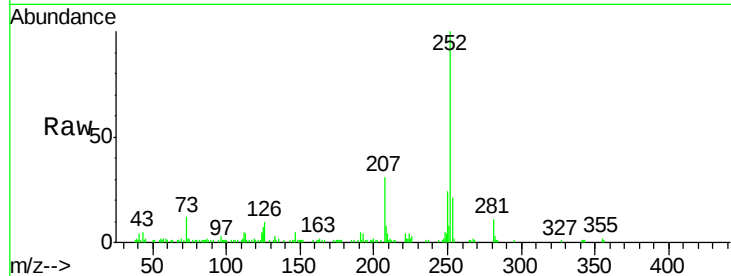
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	252	Resp:	47647
Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	6.8	6.4	9.6



#89

Benzo(a)pyrene

Concen: 6.27 ng

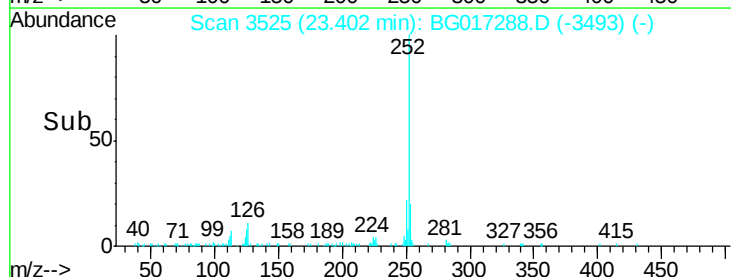
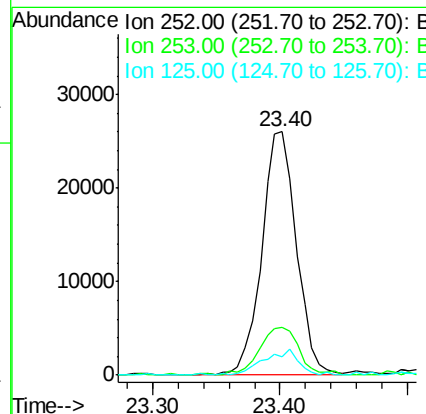
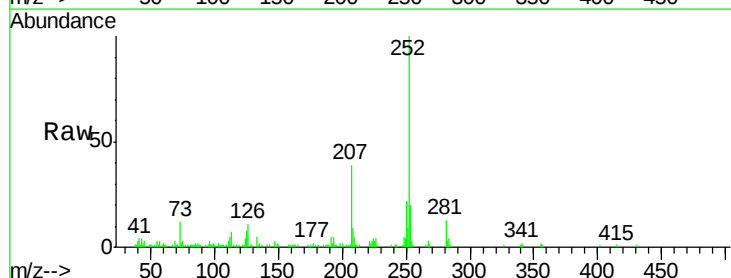
RT: 23.40 min Scan# 3525

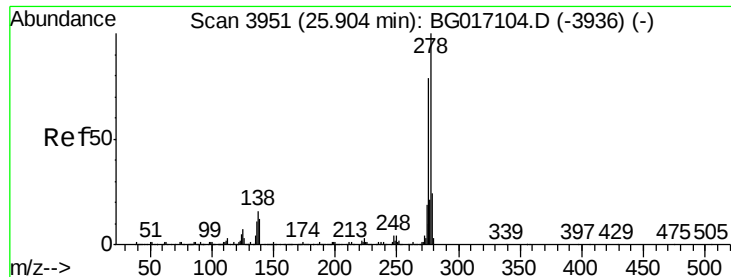
Delta R.T. -0.01 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Tgt Ion:	252	Resp:	49534
Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.4	27.6
125	7.6	7.2	10.8





#90

Dibenzo(a,h)anthracene

Concen: 5.73 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.02 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

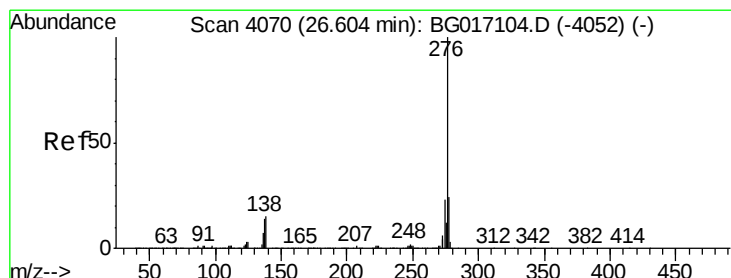
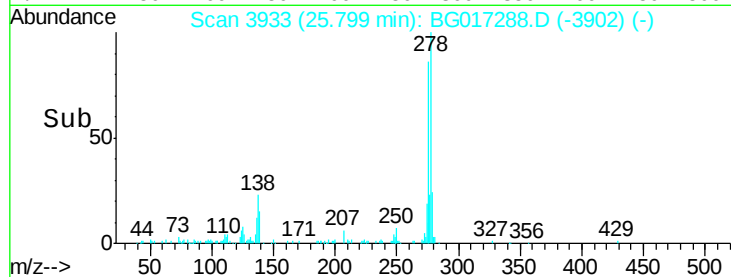
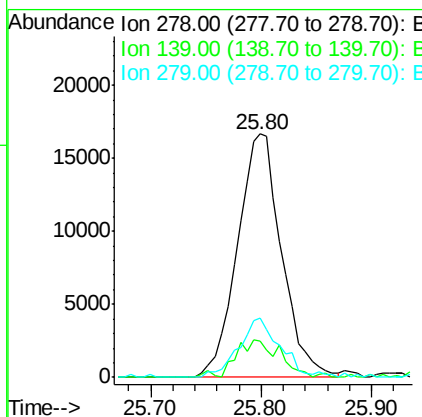
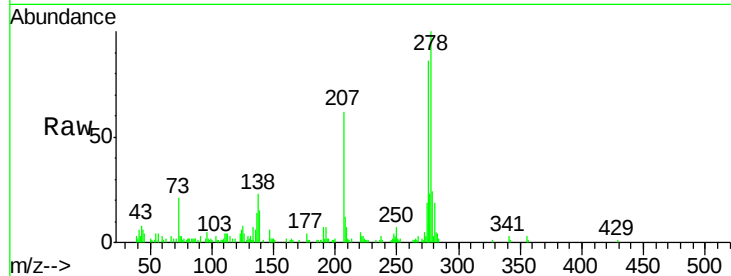
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	278	Resp:	46538
Ion	Ratio	Lower	Upper
278	100		
139	14.9	9.4	14.2#
279	24.2	19.1	28.7



#91

Benzo(g,h,i)perylene

Concen: 5.92 ng

RT: 26.48 min Scan# 4049

Delta R.T. -0.03 min

Lab File: BG017288.D

Acq: 26 May 2015 21:33

Tgt Ion:	276	Resp:	45243
Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	15.8	11.8	17.8

