

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017329.D
 Acq On : 28 May 2015 17:26
 Operator : TP/IZ
 Sample : PB83579BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Quant Time: May 29 01:13:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 01:04:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	29416	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	115594	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	75425	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	185236	20.00	ng	0.00
75) Chrysene-d12	21.25	240	261813	20.00	ng	0.00
86) Perylene-d12	23.49	264	255579	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	21814	13.16	ng	0.00
7) Phenol-d6	6.86	99	29356	12.62	ng	0.00
23) Nitrobenzene-d5	8.82	82	19589	7.91	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	10396	11.40	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	40531	7.89	ng	0.00
78) Terphenyl-d14	19.69	244	83963	6.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	3242	4.96	ng	86
3) Pyridine	3.52	79	7295	3.69	ng	# 88
4) n-Nitrosodimethylamine	3.44	42	4899	3.26	ng	# 88
6) Aniline	6.98	93	8296	2.58	ng	93
8) 2-Chlorophenol	7.23	128	7630	3.85	ng	93
10) Phenol	6.88	94	9809	3.98	ng	97
11) bis(2-Chloroethyl)ether	7.08	93	7383	3.99	ng	100
12) 1,3-Dichlorobenzene	7.54	146	8988	4.06	ng	93
13) 1,4-Dichlorobenzene	7.54	146	8988	4.02	ng	86
14) 1,2-Dichlorobenzene	8.00	146	8277	3.88	ng	# 91
15) Benzyl Alcohol	7.90	79	7933	3.51	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.19	45	12318	4.11	ng	96
17) 2-Methylphenol	8.12	107	7100	3.97	ng	86
18) Hexachloroethane	8.73	117	3606	3.86	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	6370	3.14	ng	# 86
20) 3+4-Methylphenols	8.45	107	8817	3.55	ng	92
22) Acetophenone	8.48	105	11089	3.95	ng	# 96
24) Nitrobenzene	8.85	77	9836	4.06	ng	# 97
25) Isophorone	9.38	82	16180	3.55	ng	99
26) 2-Nitrophenol	9.58	139	3568	3.29	ng	# 86
27) 2,4-Dimethylphenol	9.65	122	7526	4.22	ng	90
28) bis(2-Chloroethoxy)methane	9.87	93	8794	3.96	ng	# 88
29) 2,4-Dichlorophenol	10.12	162	7220	4.29	ng	94
30) 1,2,4-Trichlorobenzene	10.32	180	8125	4.26	ng	97
31) Naphthalene	10.50	128	23919	4.23	ng	95
33) 4-Chloroaniline	10.62	127	6936	2.59	ng	# 86
34) Hexachlorobutadiene	10.78	225	4853	4.02	ng	94
35) Caprolactam	11.37	113	2723	3.22	ng	# 86
36) 4-Chloro-3-methylphenol	11.77	107	8457	3.98	ng	# 84
37) 2-Methylnaphthalene	12.12	142	18082	4.03	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	8320	3.90	ng	96
40) Hexachlorocyclopentadiene	12.47	237	6309	4.85	ng	85
42) 2,4,6-Trichlorophenol	12.74	196	5632	3.72	ng	89
43) 2,4,5-Trichlorophenol	12.84	196	6215	3.98	ng	90

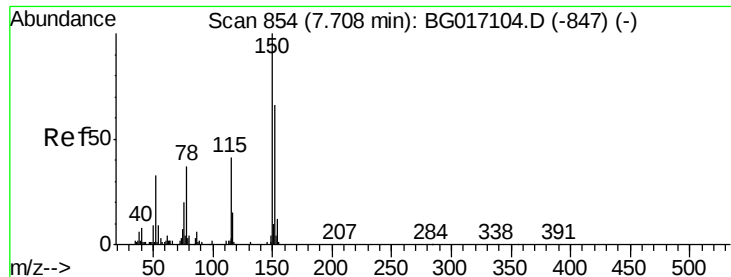
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.14	154	22023	4.05	ng	96
46) 2-Chloronaphthalene	13.18	162	17818	4.14	ng	96
47) 2-Nitroaniline	13.40	65	6082	3.63	ng	# 86
48) Acenaphthylene	14.03	152	28886	3.92	ng	95
49) Dimethylphthalate	13.78	163	22400	3.80	ng	# 95
50) 2,6-Dinitrotoluene	13.89	165	5123	3.92	ng	95
51) Acenaphthene	14.38	154	17855	4.10	ng	97
52) 3-Nitroaniline	14.23	138	4855	3.35	ng	# 99
53) 2,4-Dinitrophenol	14.45	184	3808	5.02	ng	# 67
54) Dibenzofuran	14.72	168	27000	4.17	ng	97
55) 4-Nitrophenol	14.59	139	8226	7.05	ng	85
56) 2,4-Dinitrotoluene	14.69	165	7083	3.89	ng	92
57) Fluorene	15.36	166	22962	4.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	5544	3.87	ng	# 98
59) Diethylphthalate	15.15	149	25448	4.02	ng	# 93
60) 4-Chlorophenyl-phenylether	15.36	204	11587	3.94	ng	85
61) 4-Nitroaniline	15.40	138	6357	3.93	ng	95
62) Azobenzene	15.65	77	24942	4.12	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	3776	2.97	ng	89
65) n-Nitrosodiphenylamine	15.58	169	19935	3.51	ng	96
66) 4-Bromophenyl-phenylether	16.25	248	7651	3.79	ng	84
67) Hexachlorobenzene	16.37	284	8007	3.76	ng	89
68) Atrazine	16.53	200	7884	3.79	ng	94
69) Pentachlorophenol	16.72	266	6262	4.71	ng	87
70) Phenanthrene	17.10	178	37531	3.93	ng	97
71) Anthracene	17.20	178	36984	3.82	ng	98
72) Carbazole	17.47	167	38731	4.35	ng	96
73) Di-n-butylphthalate	18.04	149	47915	4.03	ng	# 96
74) Fluoranthene	19.13	202	47827	4.17	ng	98
76) Benzidine	19.32	184	27653	3.23	ng	96
77) Pyrene	19.49	202	53742	3.35	ng	97
79) Butylbenzylphthalate	20.39	149	25582	3.50	ng	93
80) Benzo(a)anthracene	21.23	228	58978	3.93	ng	99
81) 3,3'-Dichlorobenzidine	21.17	252	15395	2.65	ng	91
82) Chrysene	21.29	228	54553	3.90	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	39598	3.81	ng	96
84) Di-n-octyl phthalate	22.04	149	63416	3.67	ng	99
85) Indeno(1,2,3-cd)pyrene	25.76	276	61124	3.66	ng	97
87) Benzo(b)fluoranthene	22.81	252	60096	4.03	ng	99
88) Benzo(k)fluoranthene	22.81	252	60096	4.25	ng	98
89) Benzo(a)pyrene	23.39	252	54898	4.01	ng	98
90) Dibenzo(a,h)anthracene	25.78	278	52474	3.74	ng	# 93
91) Benzo(g,h,i)perylene	26.48	276	50927	3.85	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.00 min

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Acq: 28 May 2015 17:26

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BNA_G

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PB83579BSD

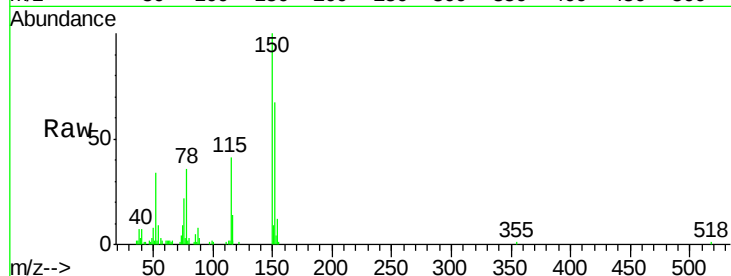
Tgt Ion:152 Resp: 29416

Ion Ratio Lower Upper

152 100

150 148.8 120.8 181.2

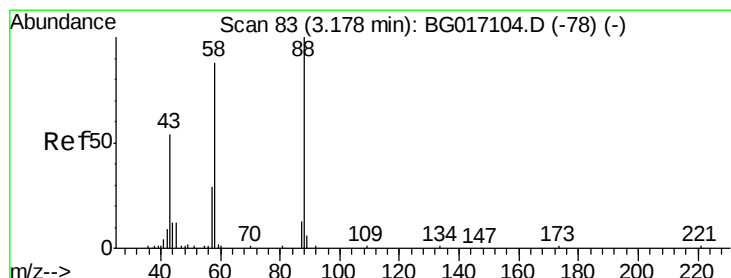
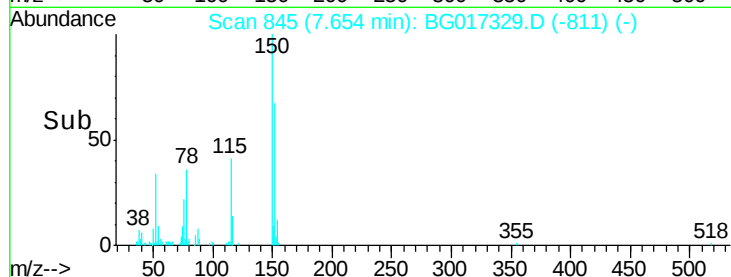
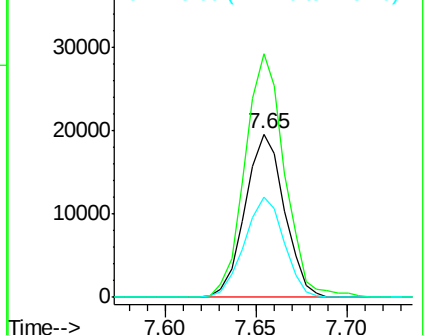
115 61.1 49.4 74.2



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: 4.96 ng

RT: 3.12 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

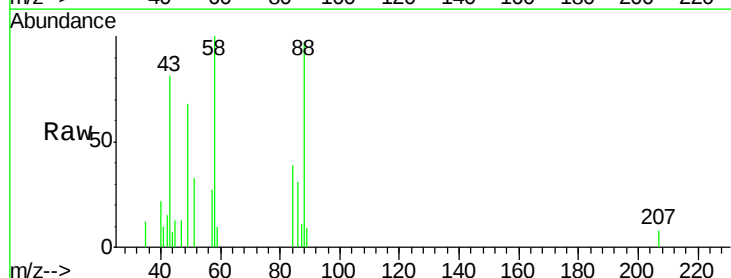
Tgt Ion: 88 Resp: 3242

Ion Ratio Lower Upper

88 100

58 98.1 68.6 103.0

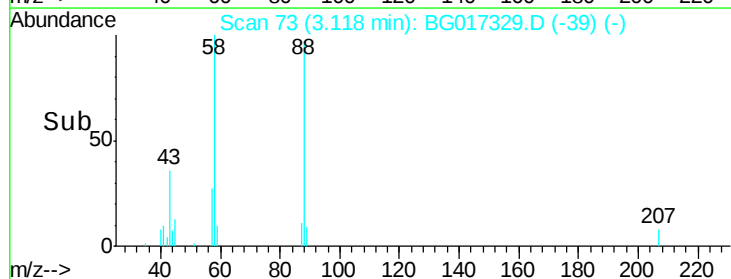
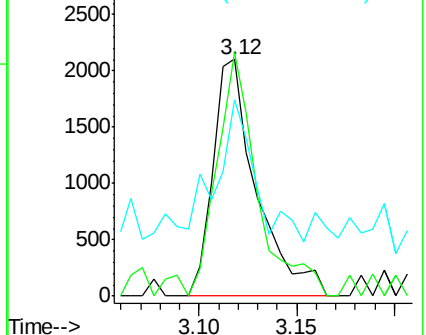
43 60.1 40.3 60.5

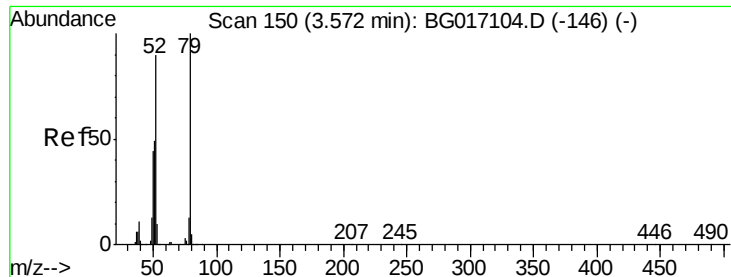


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 3.69 ng

RT: 3.52 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

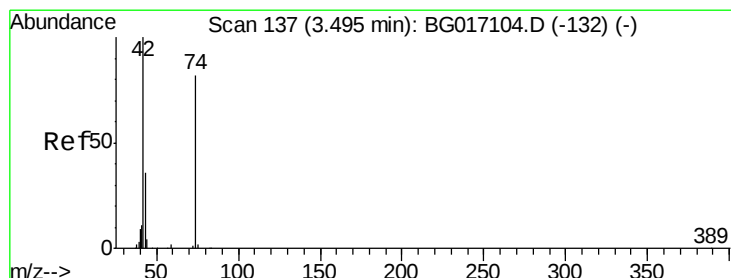
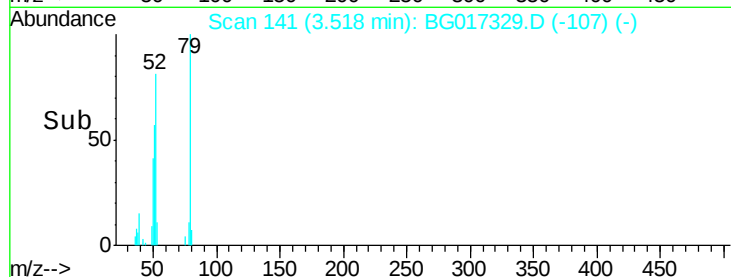
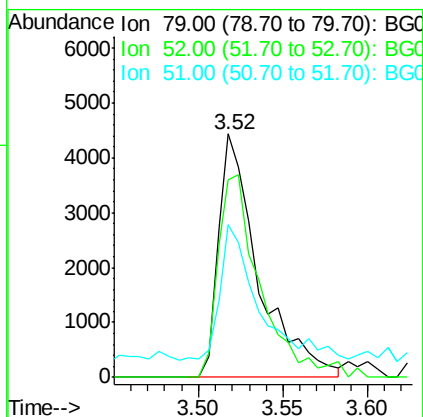
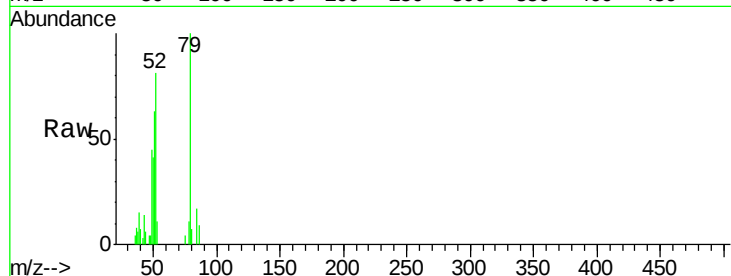
Tgt Ion: 79 Resp: 7295

Ion Ratio Lower Upper

79 100

52 81.1 72.2 108.2

51 62.6 40.6 60.8#



#4

n-Nitrosodimethylamine

Concen: 3.26 ng

RT: 3.44 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

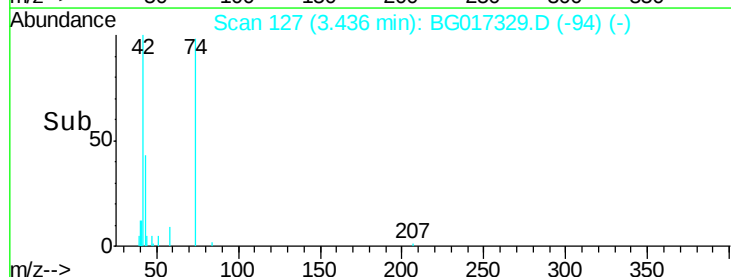
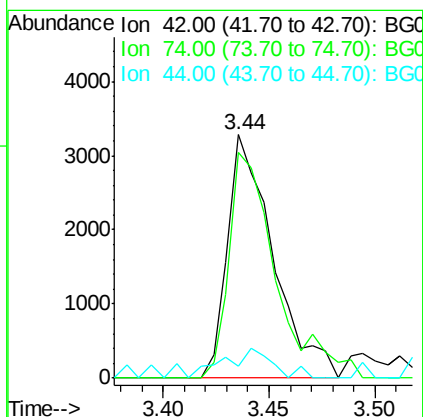
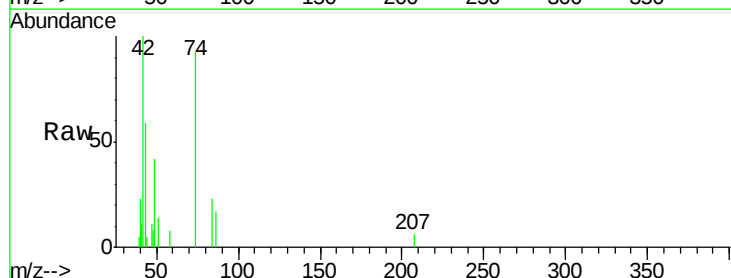
Tgt Ion: 42 Resp: 4899

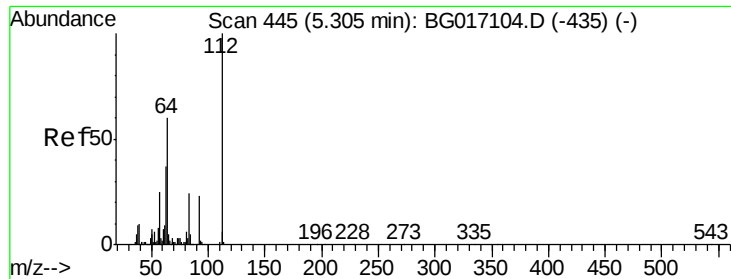
Ion Ratio Lower Upper

42 100

74 92.8 65.2 97.8

44 4.9 3.2 4.8#





#5

2-Fluorophenol

Concen: 13.16 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

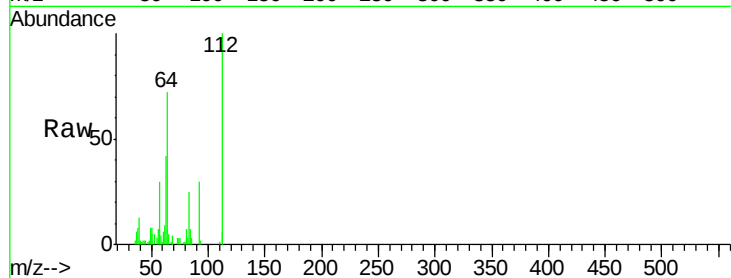
Tgt Ion:112 Resp: 21814

Ion Ratio Lower Upper

112 100

64 71.5 48.1 72.1

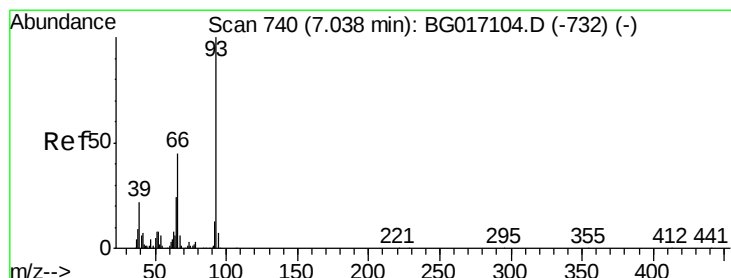
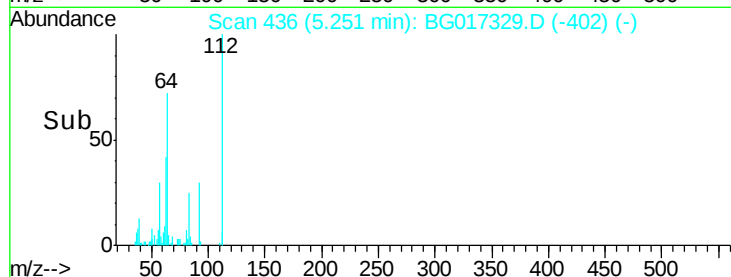
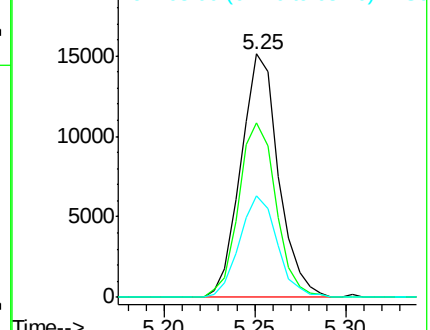
63 41.8 29.8 44.8



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: 2.58 ng

RT: 6.98 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

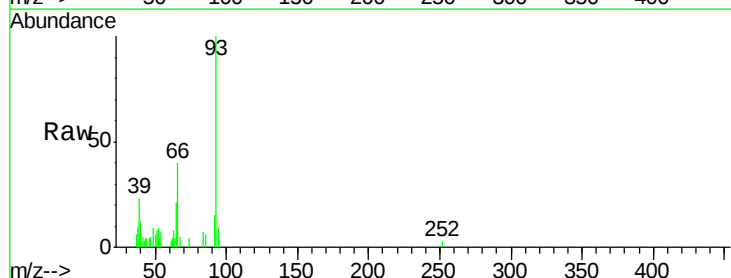
Tgt Ion: 93 Resp: 8296

Ion Ratio Lower Upper

93 100

66 40.1 35.8 53.8

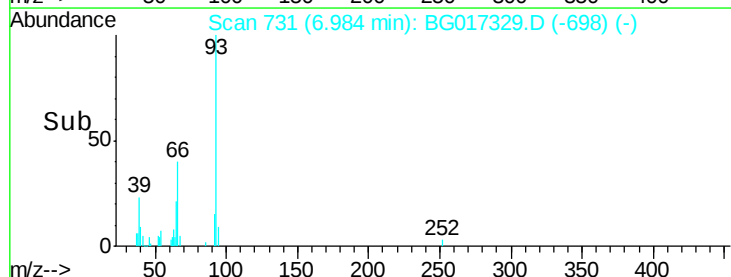
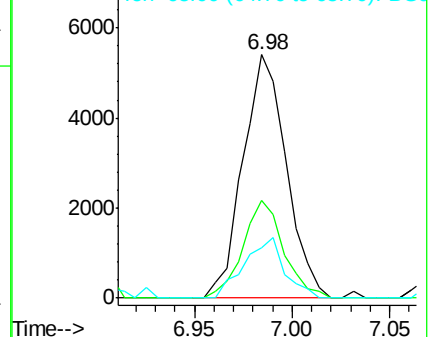
65 20.6 19.2 28.8

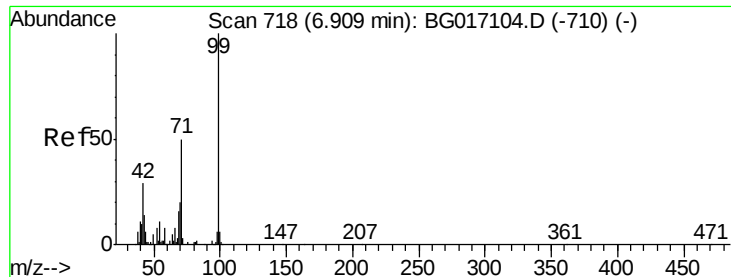


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 12.62 ng

RT: 6.86 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

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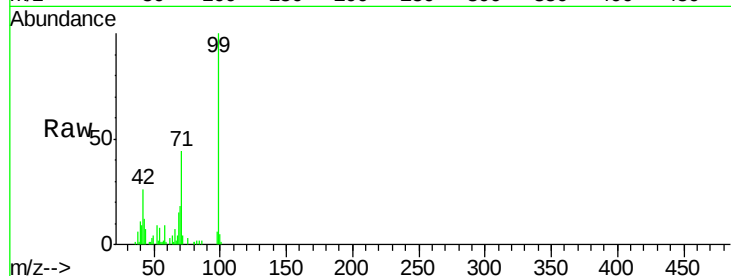
Tgt Ion: 99 Resp: 29356

Ion Ratio Lower Upper

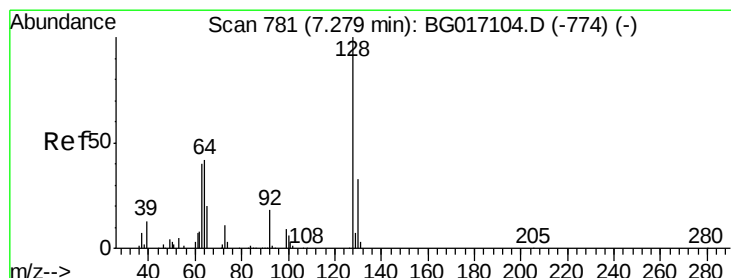
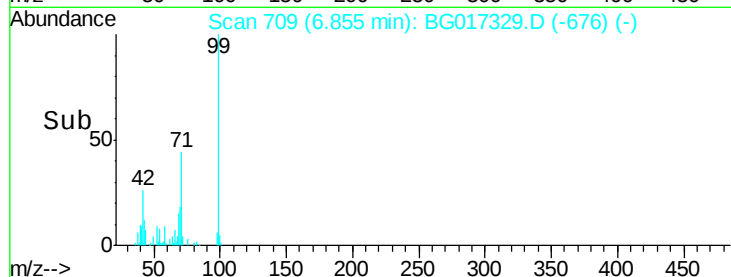
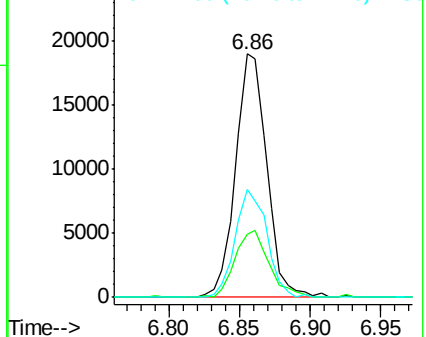
99 100

42 26.1 23.5 35.3

71 44.3 39.8 59.8



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



#8

2-Chlorophenol

Concen: 3.85 ng

RT: 7.23 min Scan# 772

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

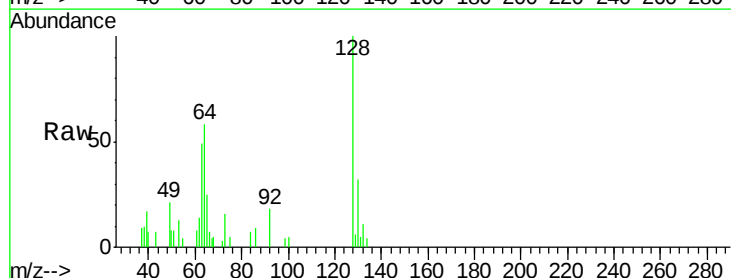
Tgt Ion: 128 Resp: 7630

Ion Ratio Lower Upper

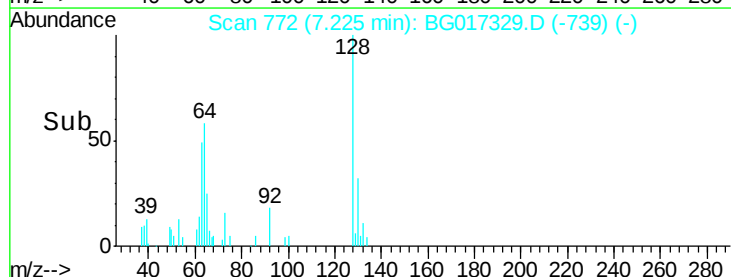
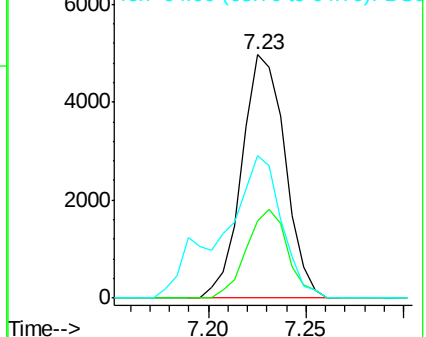
128 100

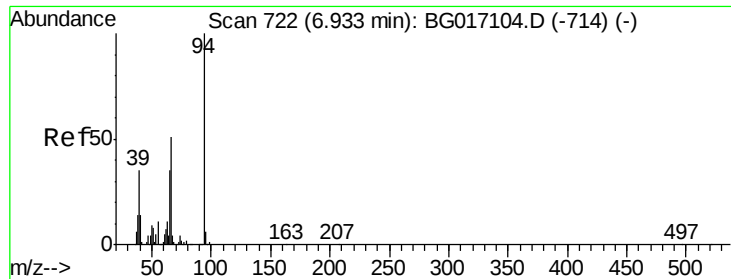
130 32.0 13.3 53.3

64 58.4 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: 3.98 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

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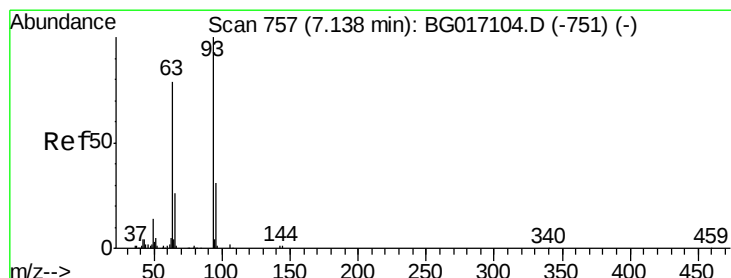
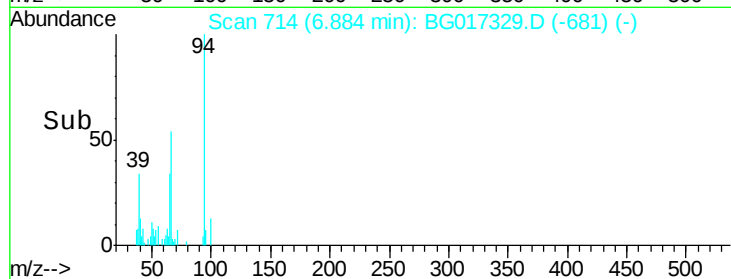
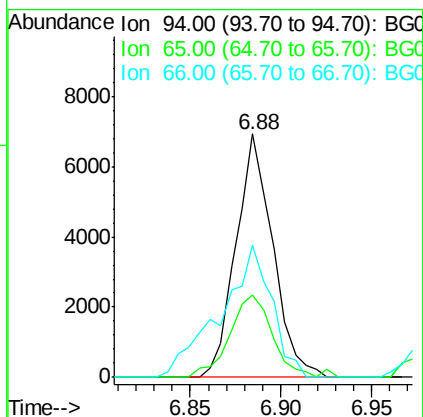
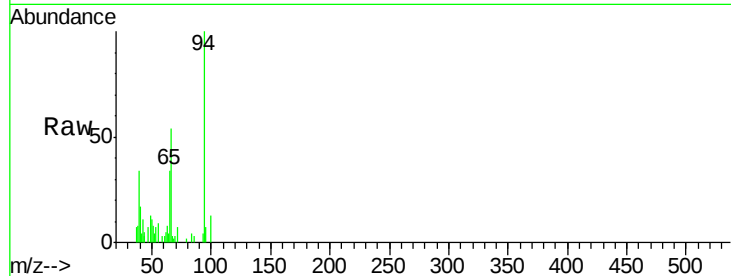
Tgt Ion: 94 Resp: 9809

Ion Ratio Lower Upper

94 100

65 33.8 15.0 55.0

66 54.4 32.1 72.1



#11

bis(2-Chloroethyl)ether

Concen: 3.99 ng

RT: 7.08 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

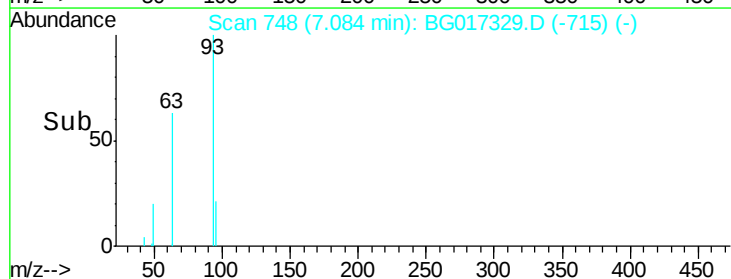
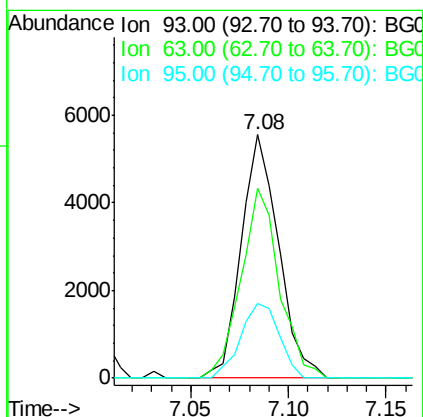
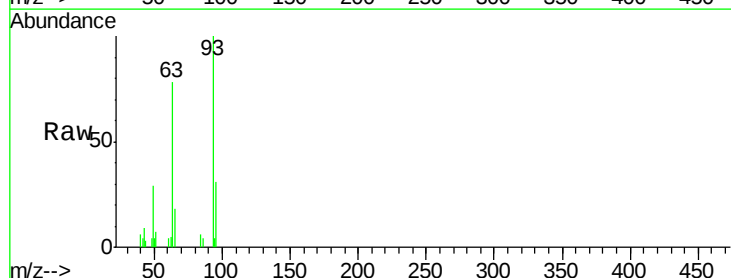
Tgt Ion: 93 Resp: 7383

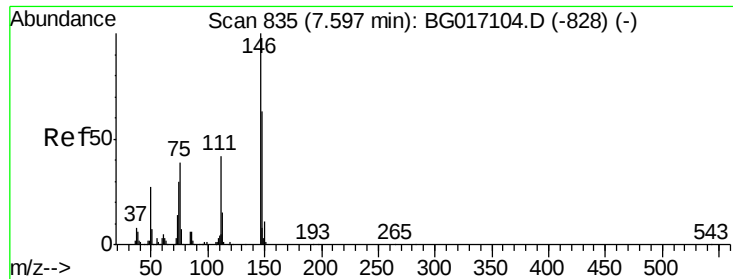
Ion Ratio Lower Upper

93 100

63 78.2 58.5 98.5

95 30.9 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 4.06 ng

RT: 7.54 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

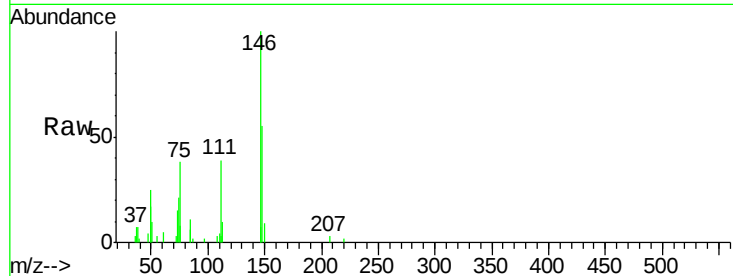
Tgt Ion:146 Resp: 8988

Ion Ratio Lower Upper

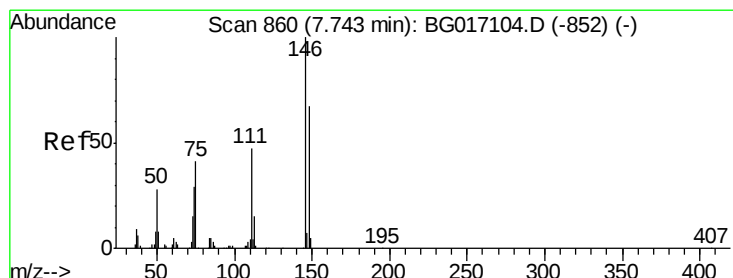
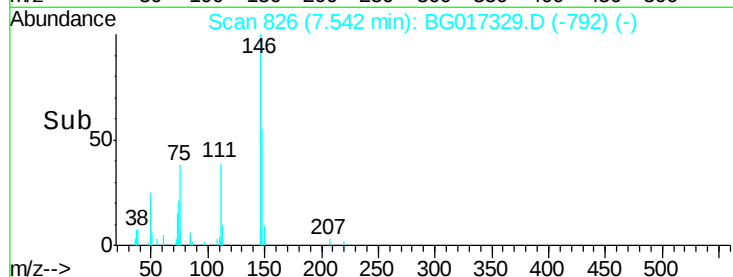
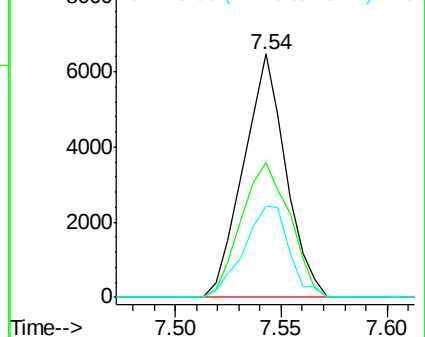
146 100

148 55.3 50.6 75.8

75 37.6 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: 4.02 ng

RT: 7.54 min Scan# 826

Delta R.T. -0.15 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

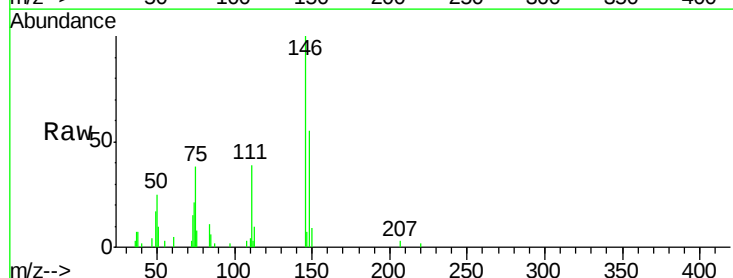
Tgt Ion:146 Resp: 8988

Ion Ratio Lower Upper

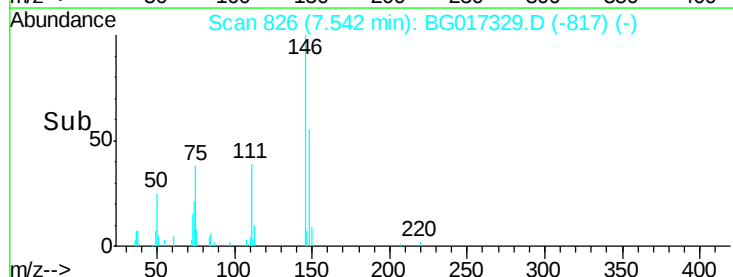
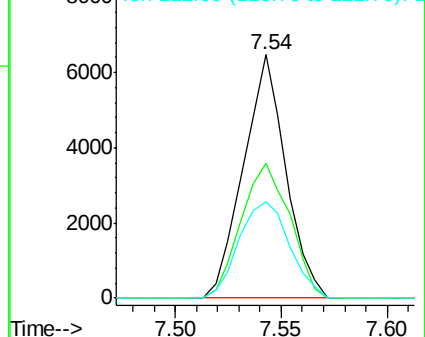
146 100

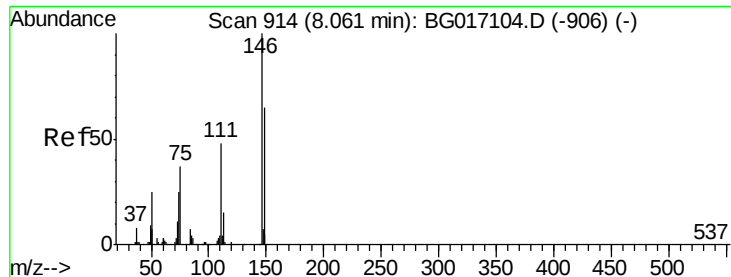
148 55.3 53.9 80.9

111 39.5 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

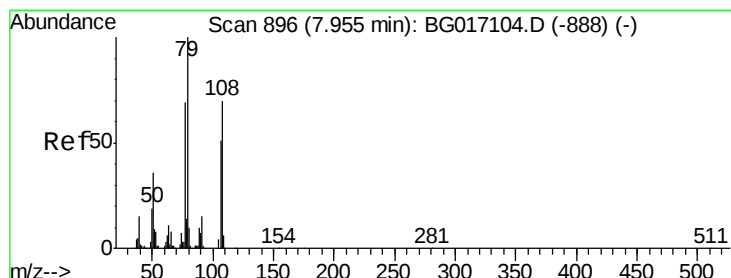
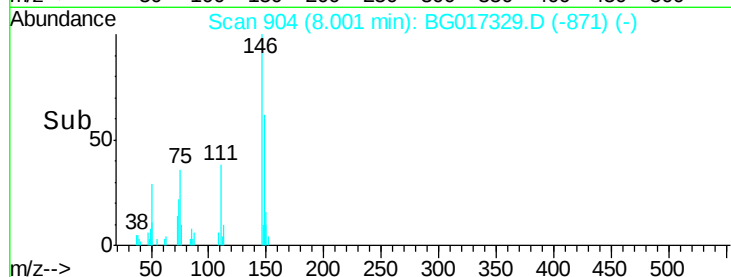
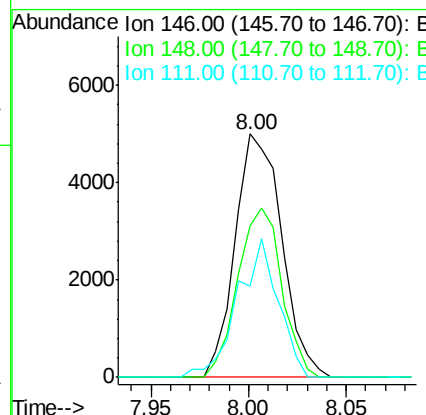
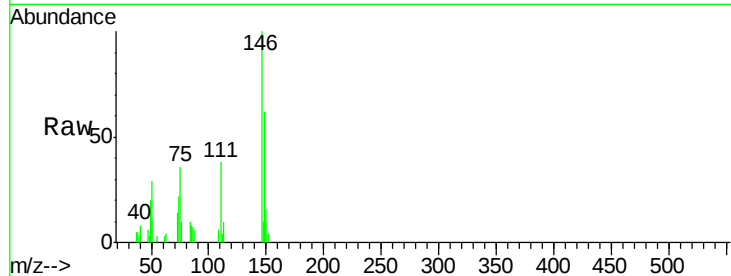




#14
 1,2-Dichlorobenzene
 Concen: 3.88 ng
 RT: 8.00 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

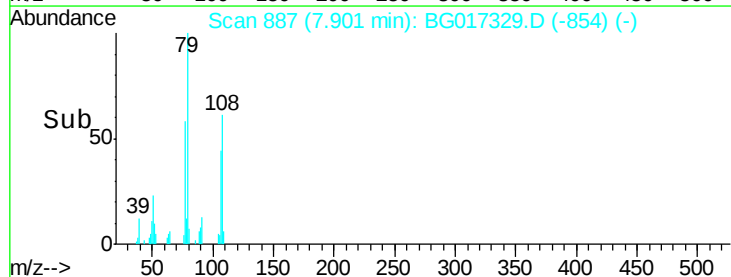
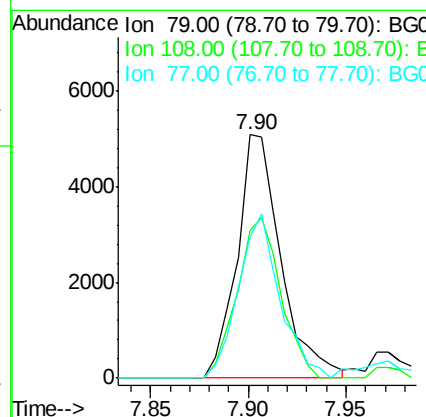
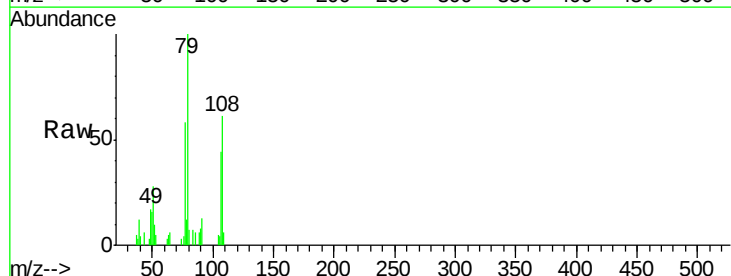
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

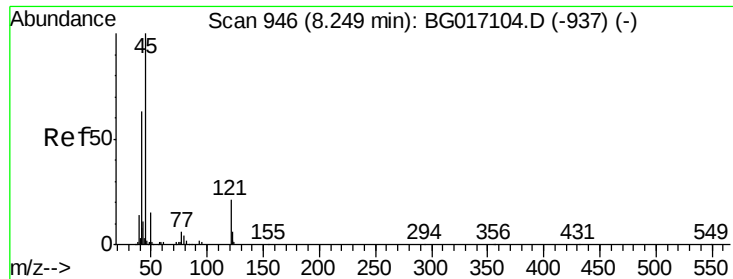
Tgt Ion: 146 Resp: 8277
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.3 78.5
 111 37.6 39.0 58.4#



#15
 Benzyl Alcohol
 Concen: 3.51 ng
 RT: 7.90 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion: 79 Resp: 7933
 Ion Ratio Lower Upper
 79 100
 108 60.8 55.8 83.6
 77 58.1 55.4 83.0

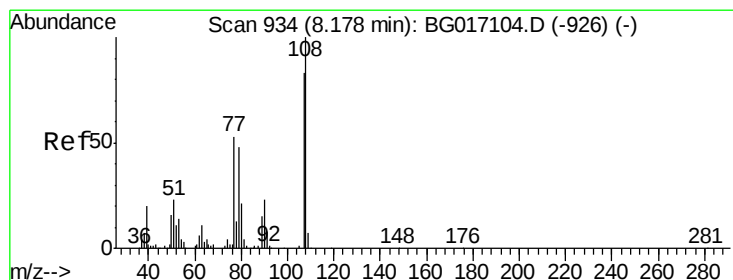
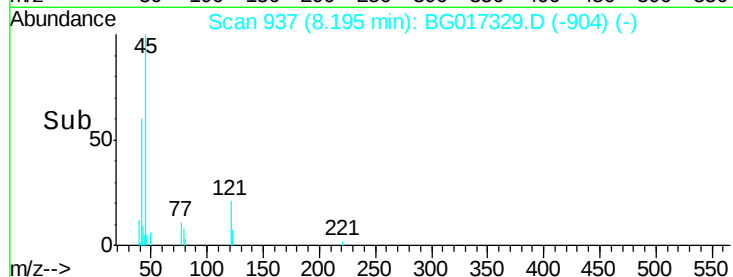
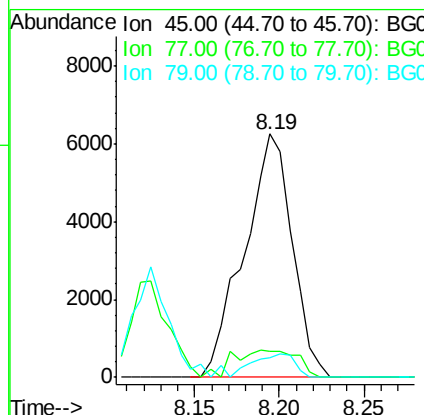
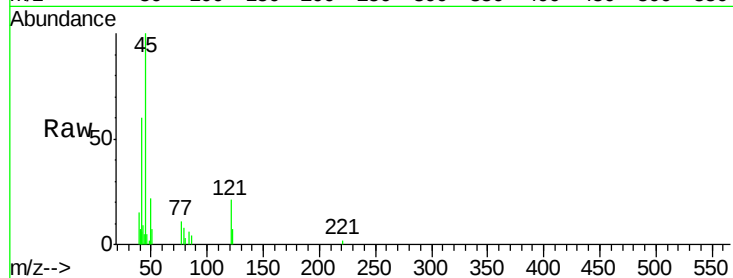




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.11 ng
 RT: 8.19 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

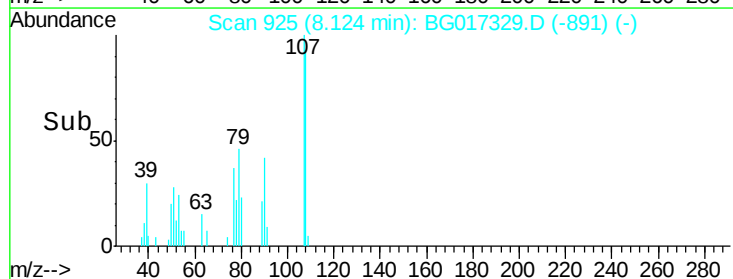
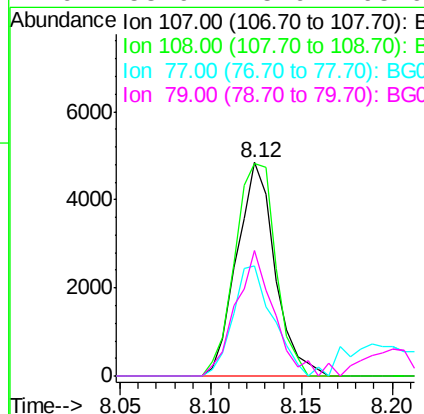
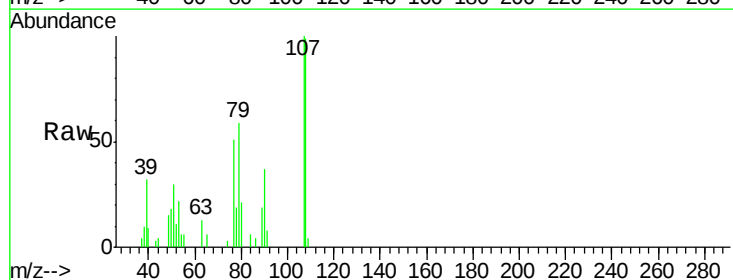
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

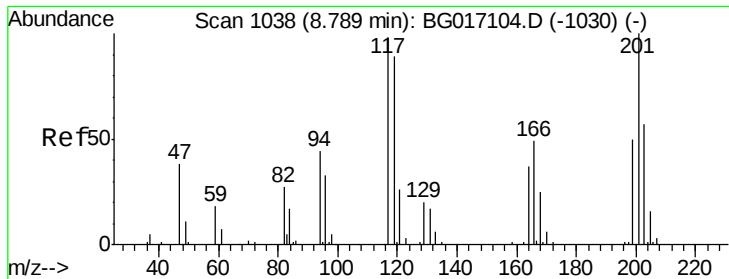
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	32.5
79	8.2	0.0	29.4



#17
 2-Methylphenol
 Concen: 3.97 ng
 RT: 8.12 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.3	96.6	144.8
77	51.4	51.2	76.8
79	58.9	45.9	68.9

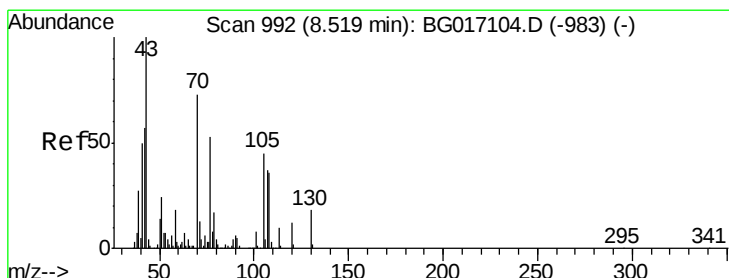
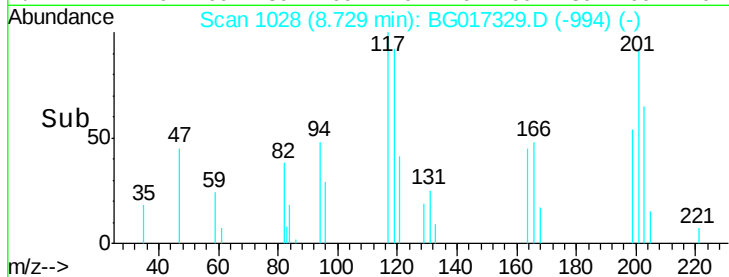
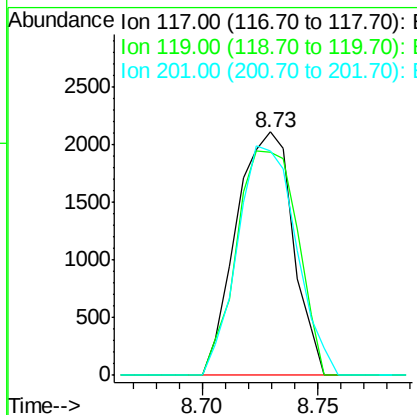
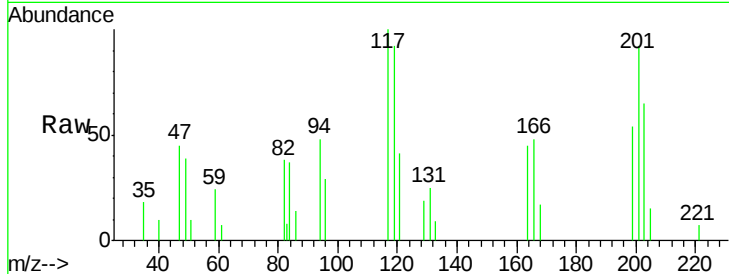




#18
 Hexachloroethane
 Concen: 3.86 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

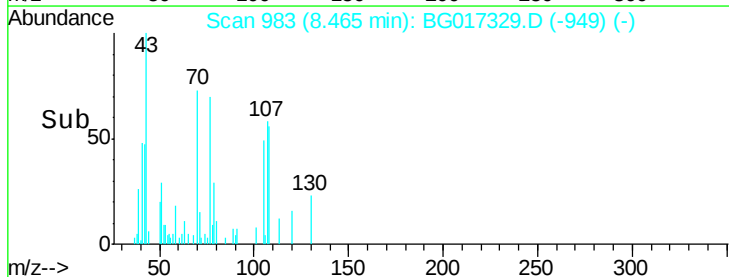
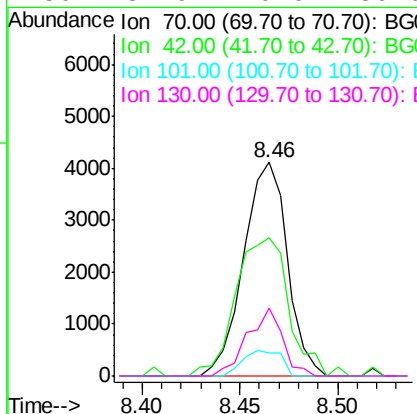
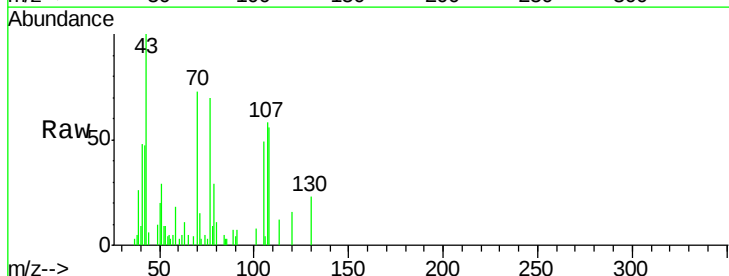
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

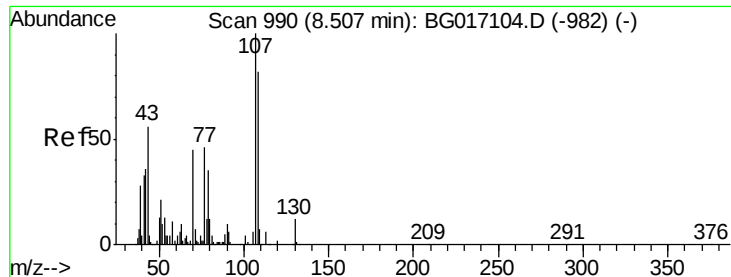
Tgt Ion: 117 Resp: 3606
 Ion Ratio Lower Upper
 117 100
 119 91.6 73.0 109.6
 201 92.3 81.7 122.5



#19
 n-Nitroso-di-n-propylamine
 Concen: 3.14 ng
 RT: 8.46 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion: 70 Resp: 6370
 Ion Ratio Lower Upper
 70 100
 42 64.9 62.6 94.0
 101 10.7 9.0 13.4
 130 31.9 20.0 30.0#

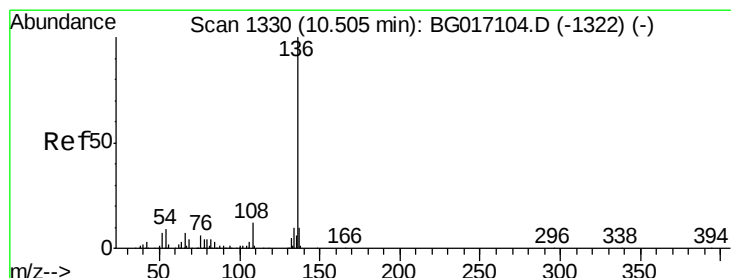
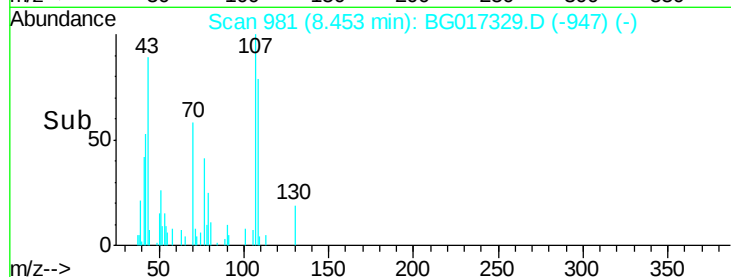
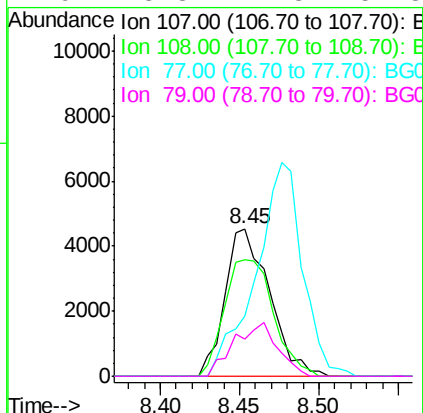
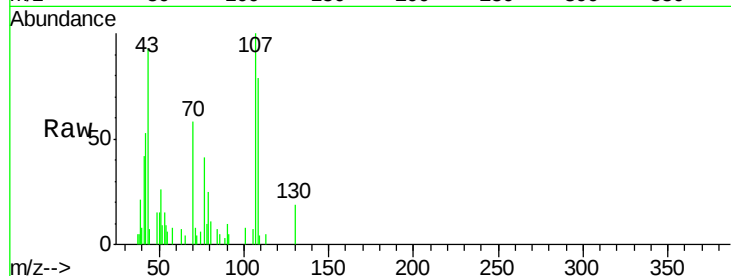




#20
3+4-Methylphenols
Concen: 3.55 ng
RT: 8.45 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

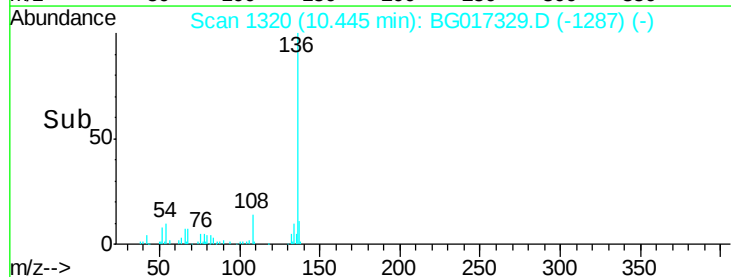
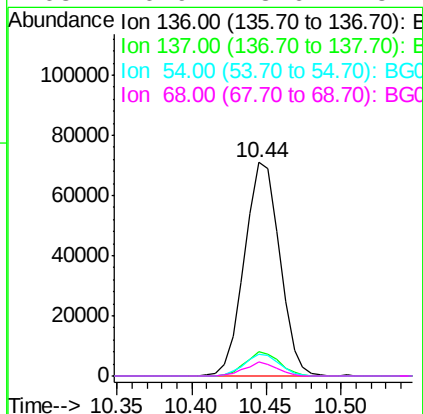
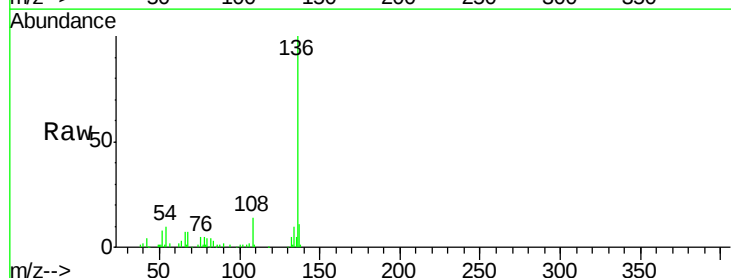
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

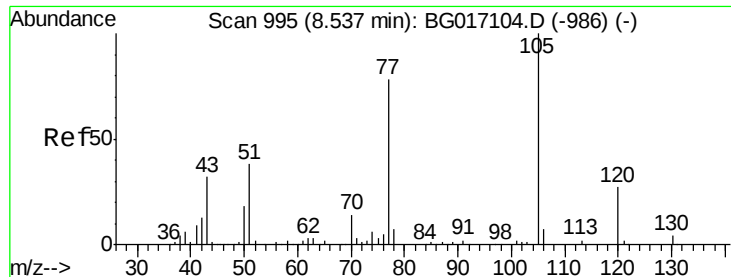
Tgt Ion:	107	Resp:	8817
Ion	Ratio	Lower	Upper
107	100		
108	78.6	62.2	102.2
77	40.6	26.0	66.0
79	25.3	14.8	54.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:	136	Resp:	115594
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.3	12.5
54	10.2	7.4	11.2
68	6.9	3.6	5.4#





#22

Acetophenone

Concen: 3.95 ng

RT: 8.48 min Scan# 986

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:105 Resp: 11089

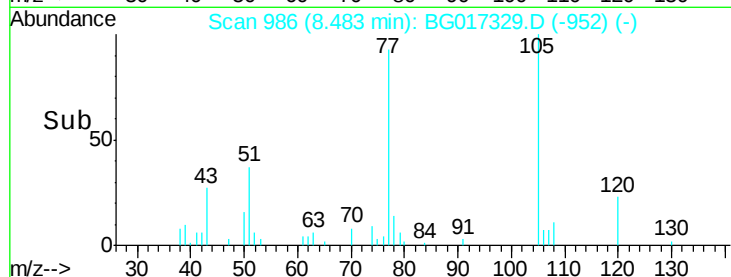
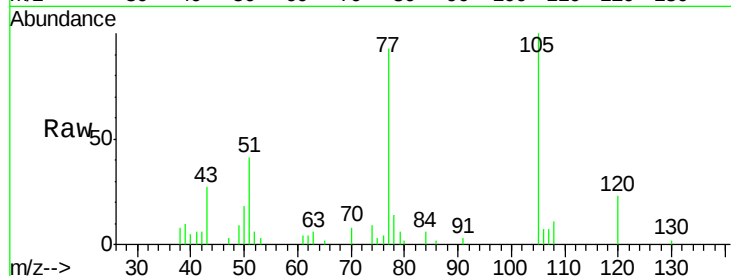
Ion Ratio Lower Upper

105 100

71 0.0 2.2 3.4#

51 41.1 32.8 49.2

120 22.7 21.8 32.6

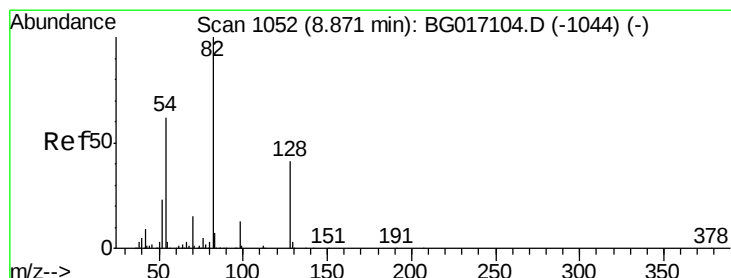
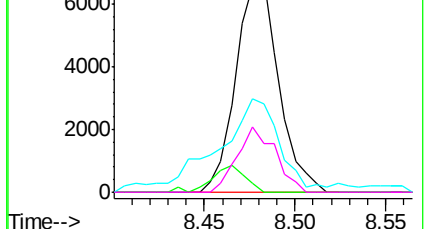


Abundance Ion 105.00 (104.70 to 105.70): E

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: 7.91 ng

RT: 8.82 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

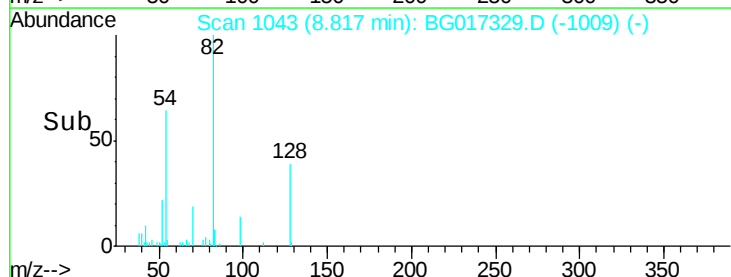
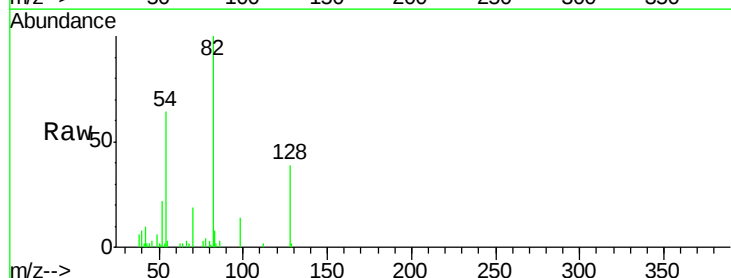
Tgt Ion: 82 Resp: 19589

Ion Ratio Lower Upper

82 100

128 39.1 32.6 49.0

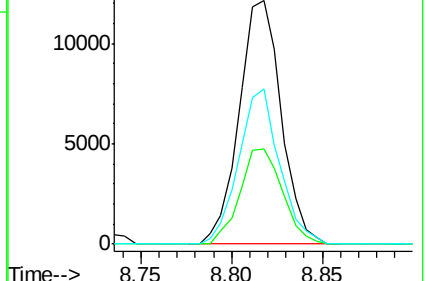
54 63.8 49.6 74.4

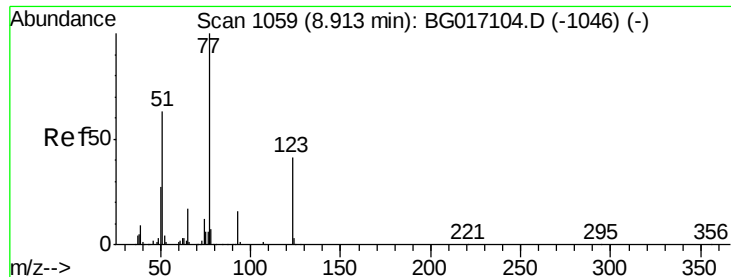


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

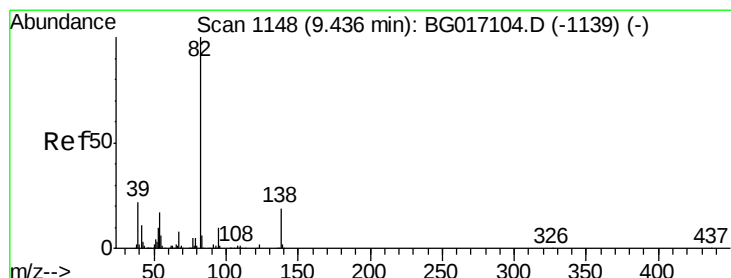
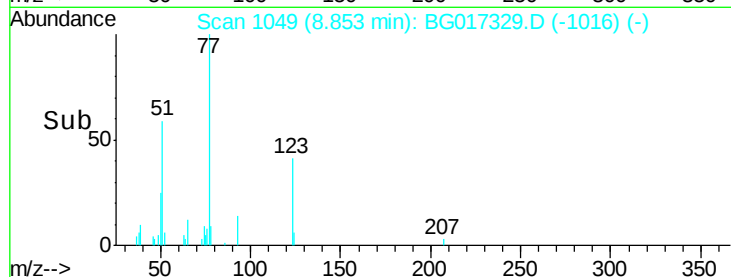
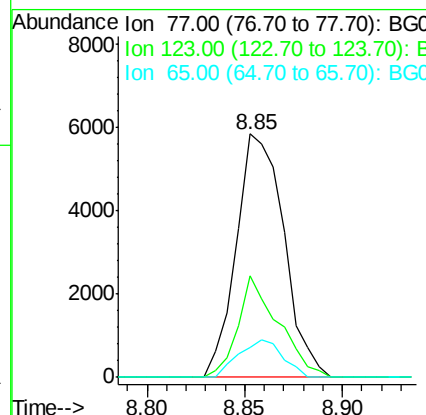
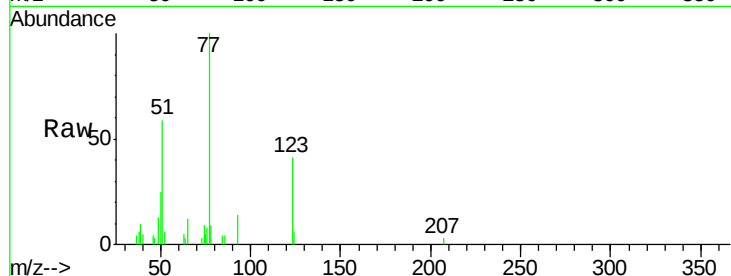




#24
 Nitrobenzene
 Concen: 4.06 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

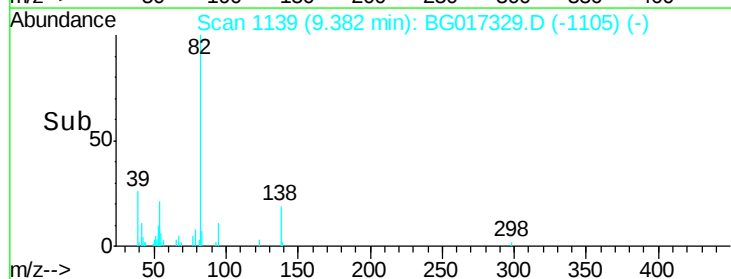
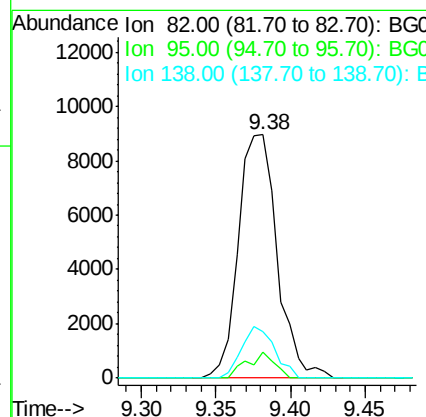
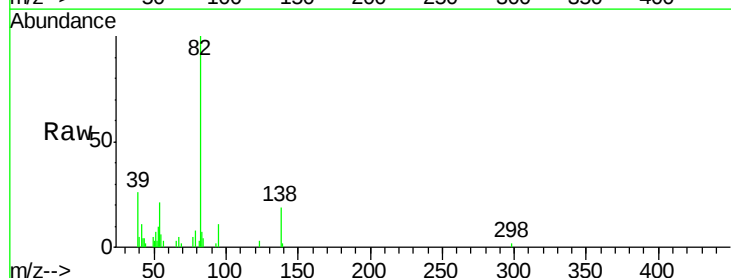
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

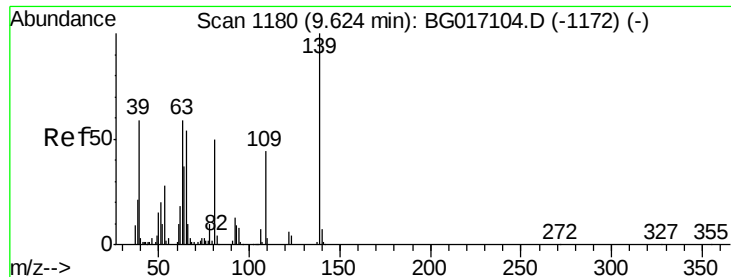
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.0	49.4
65	12.1	13.3	19.9#



#25
 Isophorone
 Concen: 3.55 ng
 RT: 9.38 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.7	7.7	11.5
138	19.0	15.0	22.6

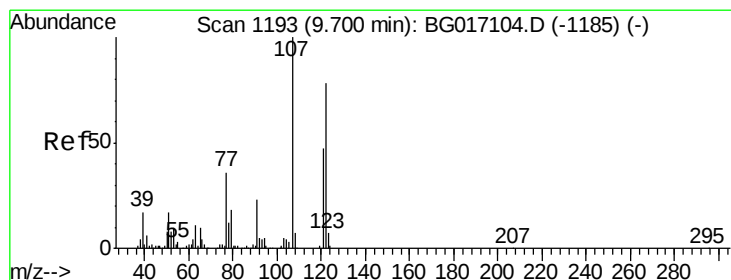
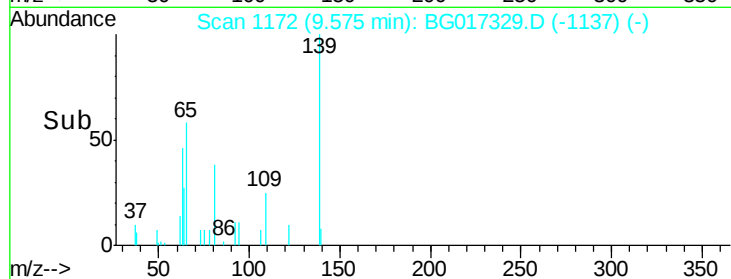
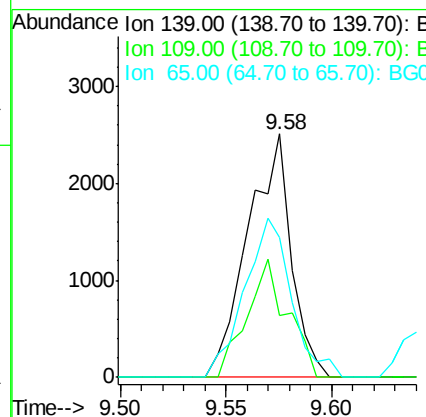
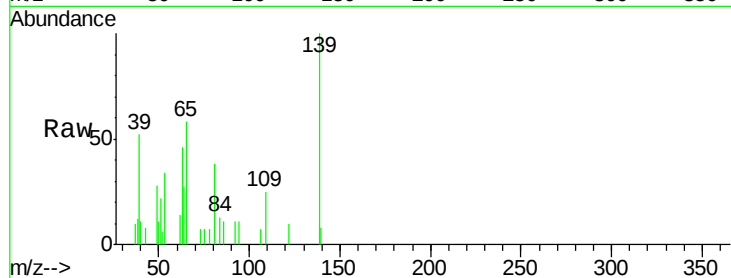




#26
2-Nitrophenol
Concen: 3.29 ng
RT: 9.58 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

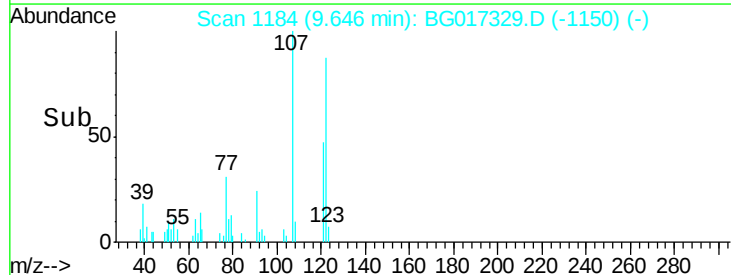
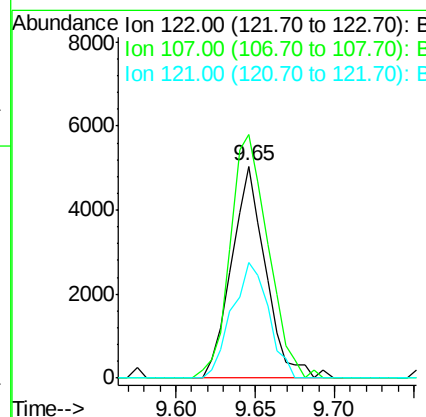
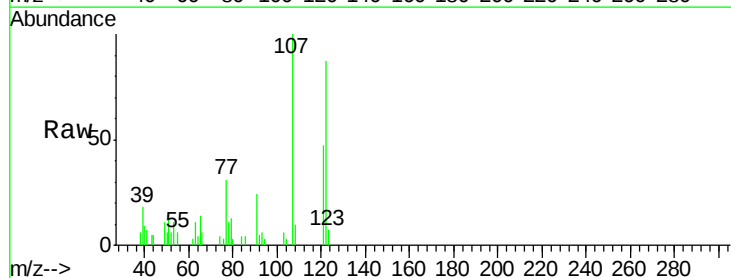
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

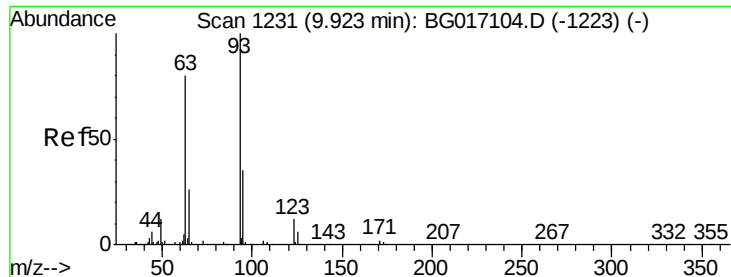
Tgt Ion:139 Resp: 3568
Ion Ratio Lower Upper
139 100
109 23.4 34.9 52.3#
65 53.7 43.0 64.4



#27
2,4-Dimethylphenol
Concen: 4.22 ng
RT: 9.65 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:122 Resp: 7526
Ion Ratio Lower Upper
122 100
107 114.9 102.3 153.5
121 54.3 48.7 73.1

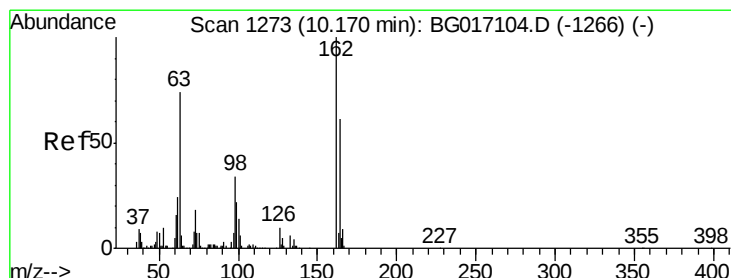
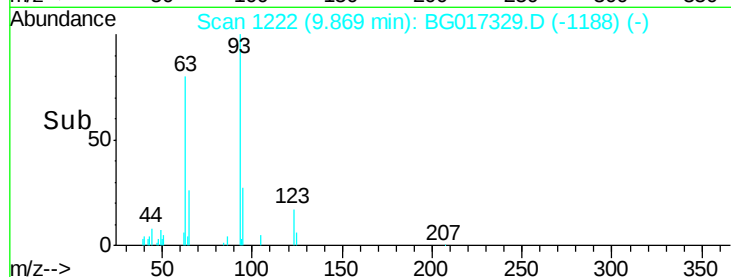
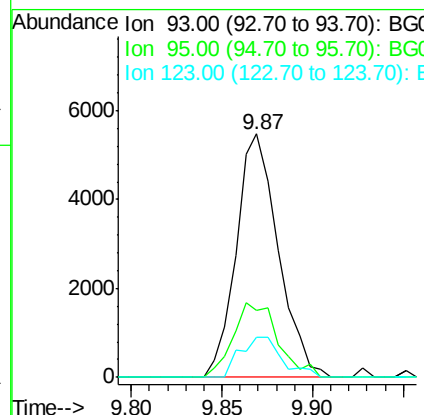
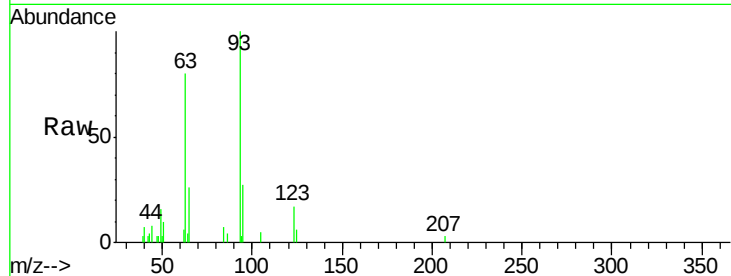




#28
bis(2-Chloroethoxy)methane
Concen: 3.96 ng
RT: 9.87 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

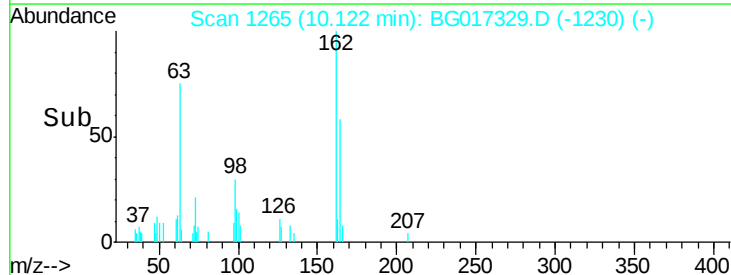
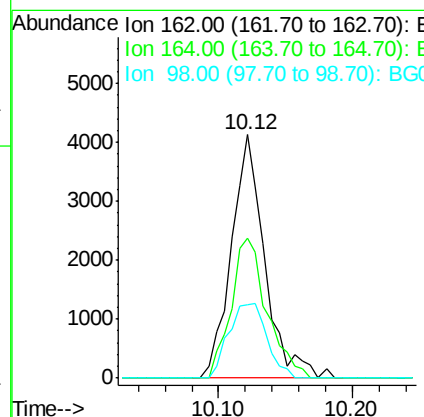
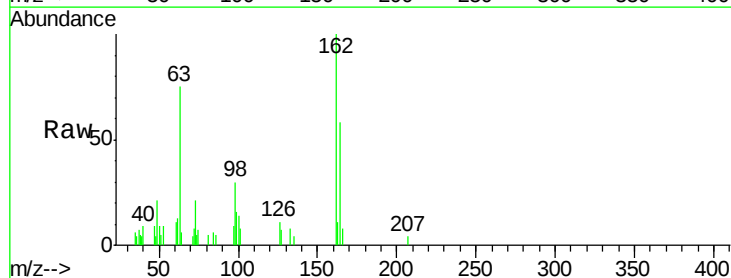
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

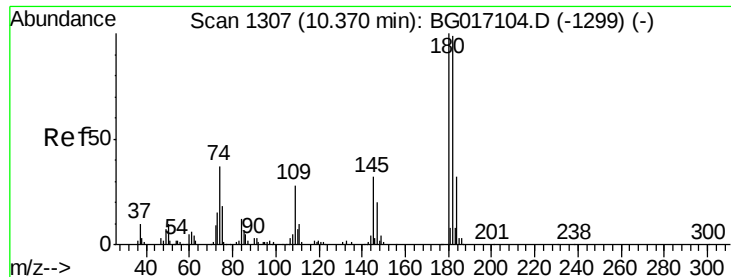
Tgt Ion: 93 Resp: 8794
Ion Ratio Lower Upper
93 100
95 27.4 28.0 42.0#
123 16.5 10.3 15.5#



#29
2,4-Dichlorophenol
Concen: 4.29 ng
RT: 10.12 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion: 162 Resp: 7220
Ion Ratio Lower Upper
162 100
164 57.6 41.4 81.4
98 30.2 14.3 54.3

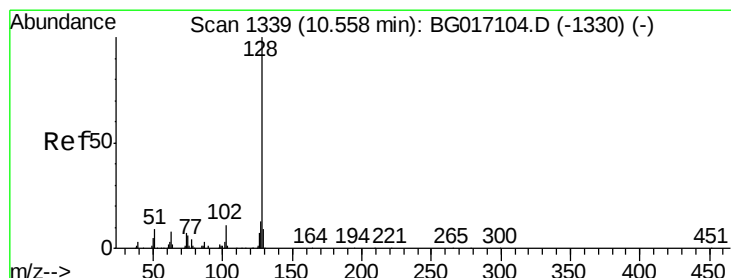
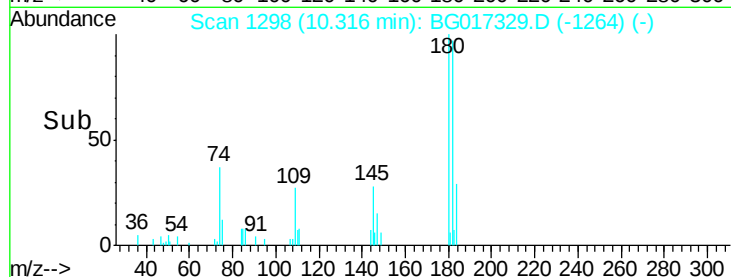
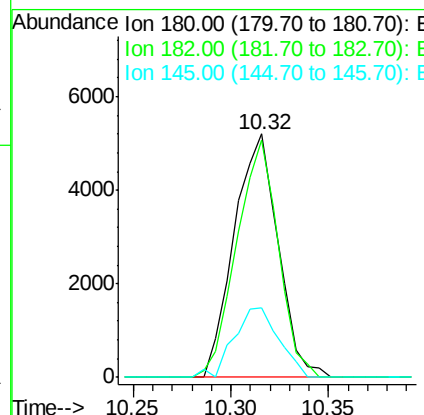
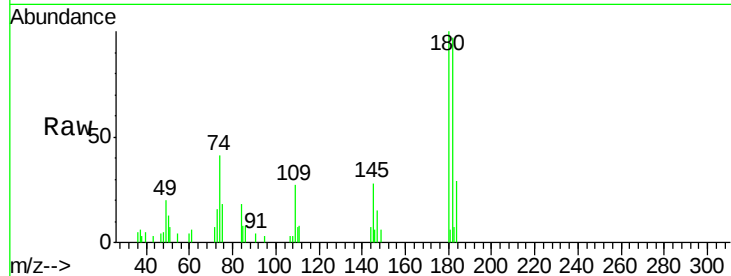




#30
 1,2,4-Trichlorobenzene
 Concen: 4.26 ng
 RT: 10.32 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

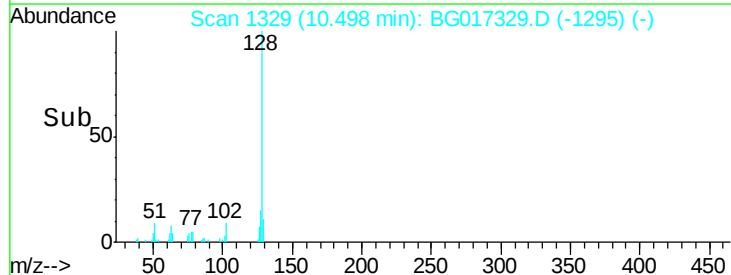
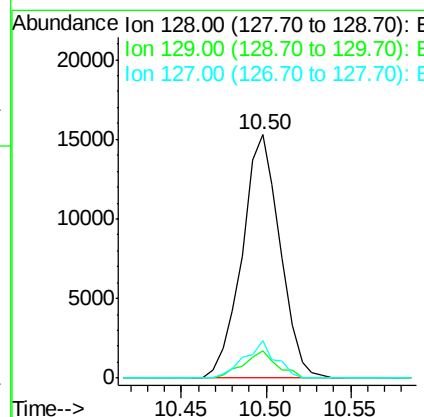
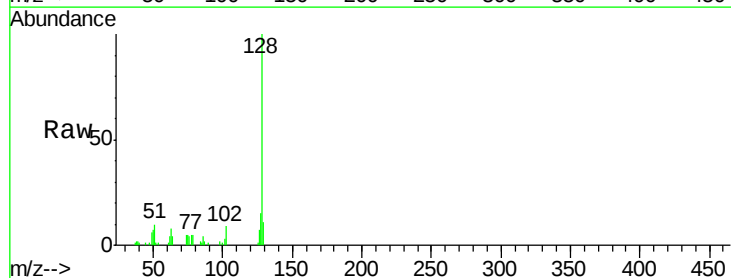
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

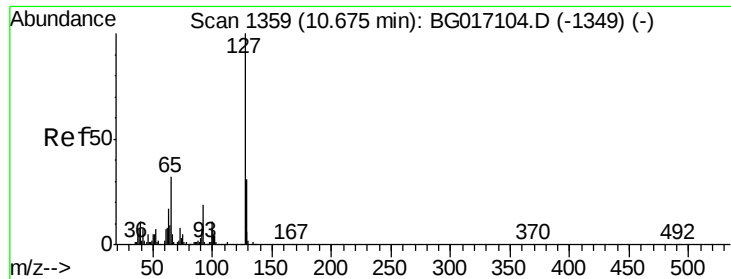
Tgt Ion:180 Resp: 8125
 Ion Ratio Lower Upper
 180 100
 182 97.3 79.4 119.0
 145 28.5 25.3 37.9



#31
 Naphthalene
 Concen: 4.23 ng
 RT: 10.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:128 Resp: 23919
 Ion Ratio Lower Upper
 128 100
 129 11.2 7.6 11.4
 127 15.3 10.6 16.0

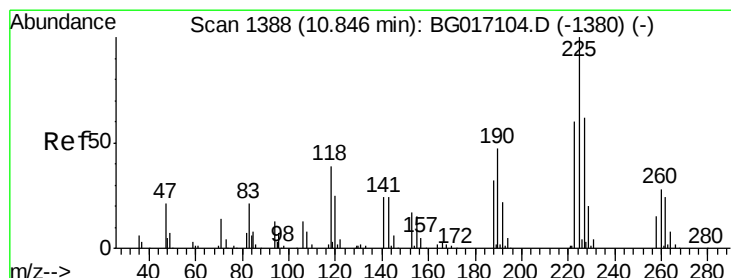
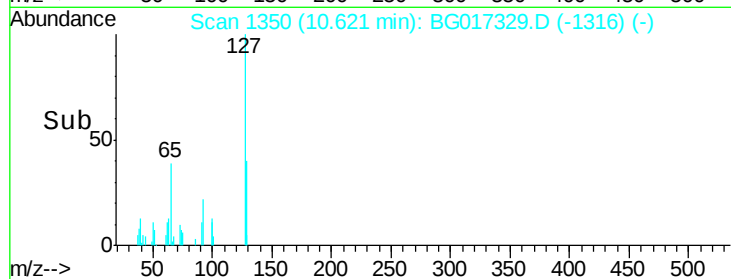
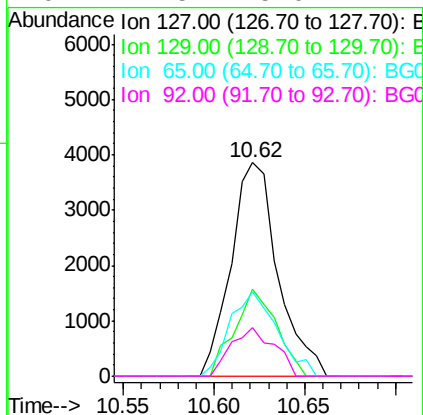
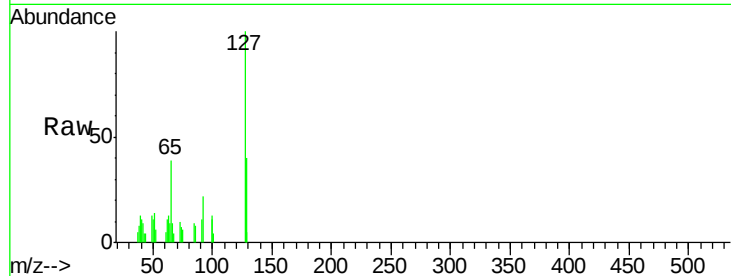




#33
4-Chloroaniline
Concen: 2.59 ng
RT: 10.62 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

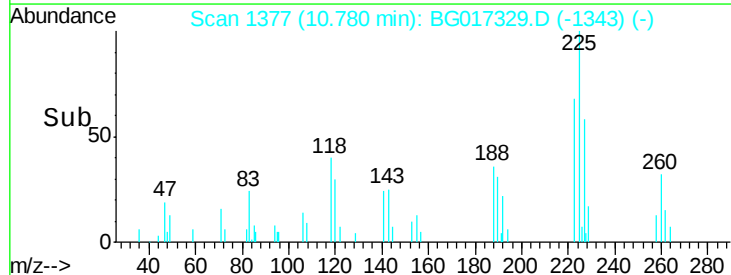
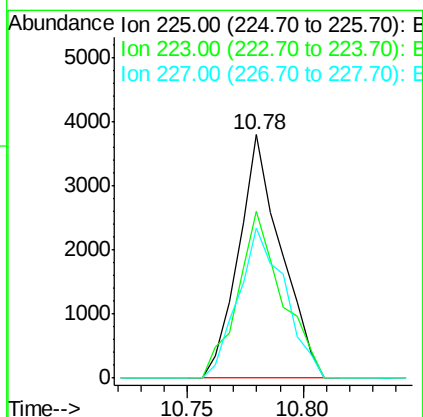
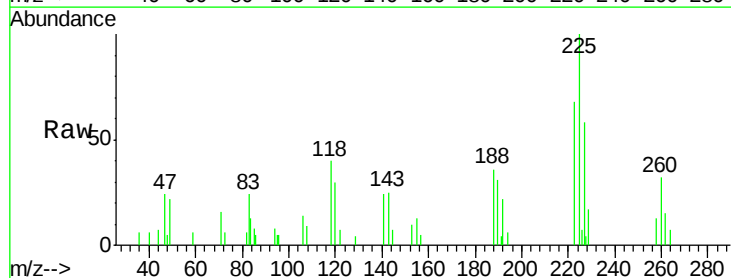
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

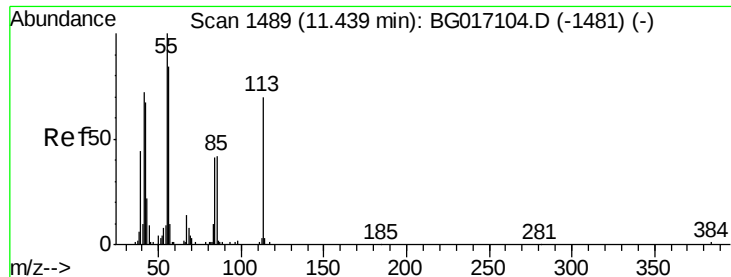
Tgt Ion:	127	Resp:	6936
Ion	Ratio	Lower	Upper
127	100		
129	40.5	24.8	37.2#
65	39.5	25.8	38.6#
92	22.5	15.0	22.4#



#34
Hexachlorobutadiene
Concen: 4.02 ng
RT: 10.78 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:	225	Resp:	4853
Ion	Ratio	Lower	Upper
225	100		
223	68.4	48.3	72.5
227	61.8	49.8	74.8





#35

Caprolactam

Concen: 3.22 ng

RT: 11.37 min Scan# 1477

Delta R.T. -0.04 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

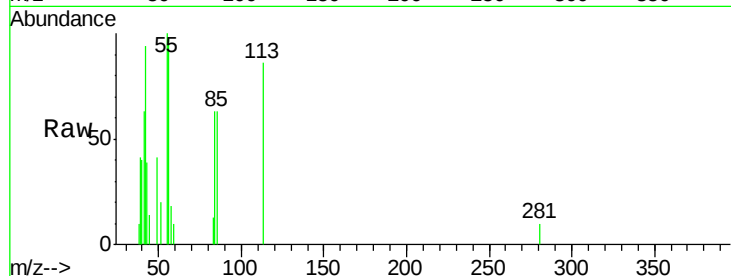
Tgt Ion:113 Resp: 2723

Ion Ratio Lower Upper

113 100

55 117.0 124.1 164.1#

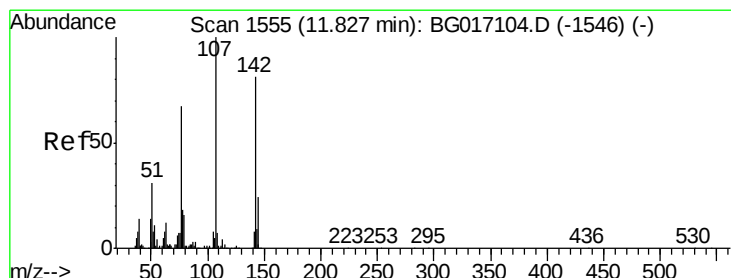
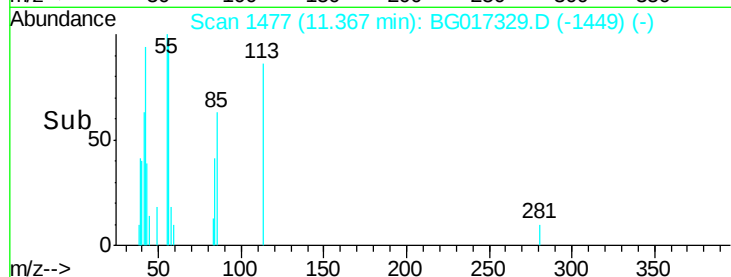
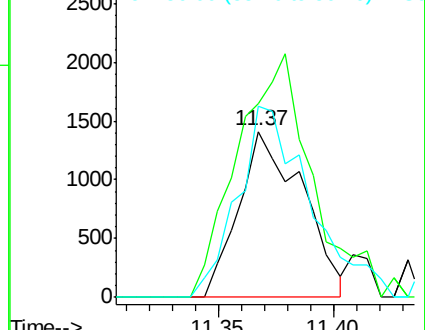
56 115.0 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG017104.D (-1481) (-)

Ion 56.00 (55.70 to 56.70): BG017104.D (-1481) (-)



#36

4-Chloro-3-methylphenol

Concen: 3.98 ng

RT: 11.77 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

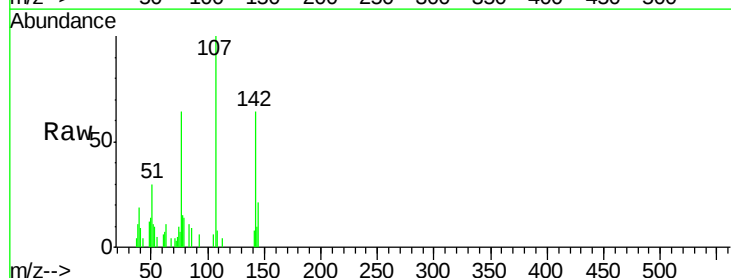
Tgt Ion:107 Resp: 8457

Ion Ratio Lower Upper

107 100

144 21.2 19.6 29.4

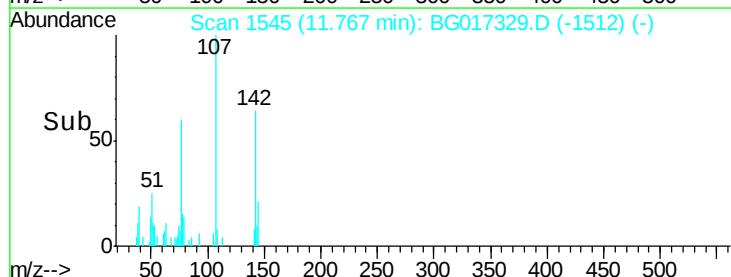
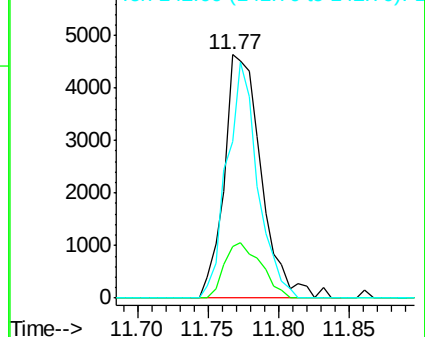
142 64.3 64.9 97.3#

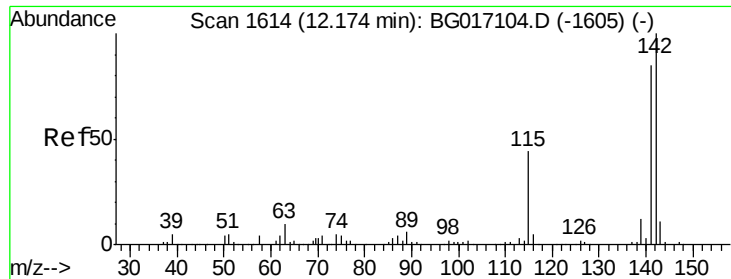


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

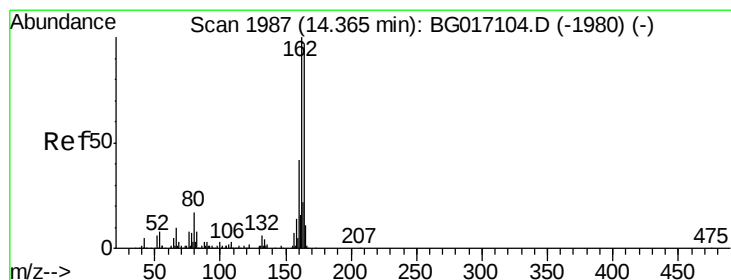
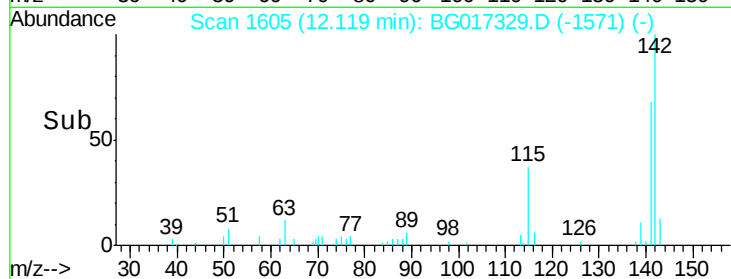
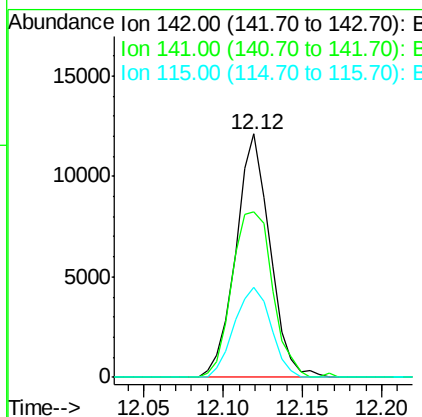
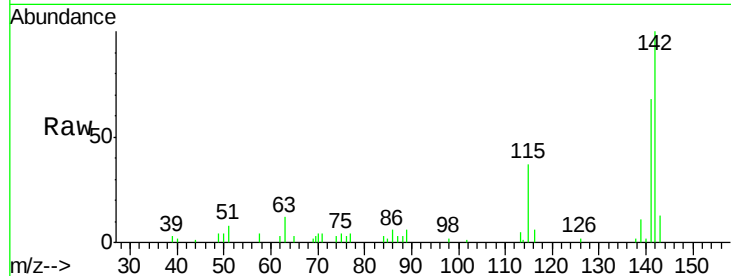




#37
 2-Methylnaphthalene
 Concen: 4.03 ng
 RT: 12.12 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

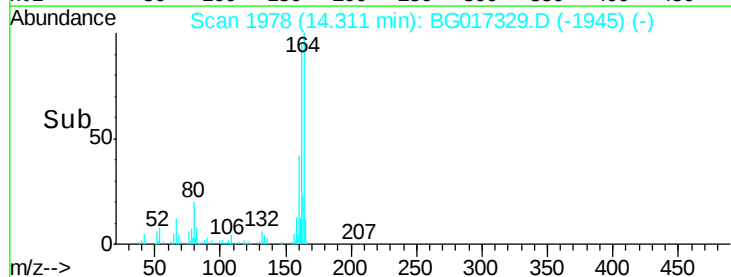
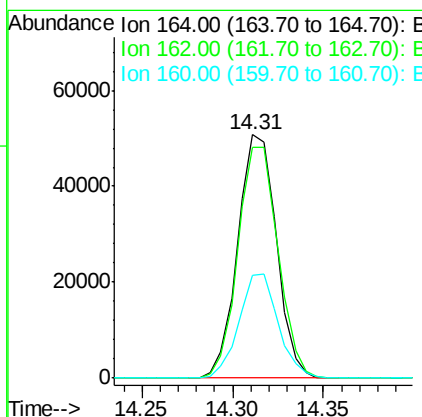
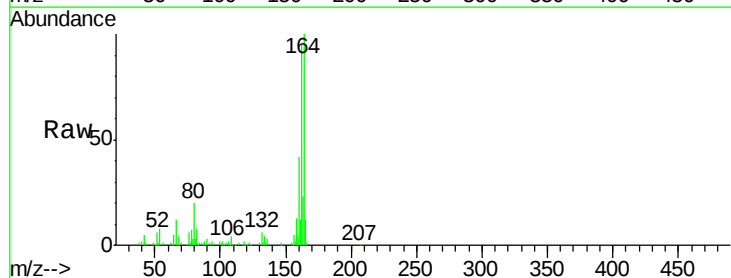
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

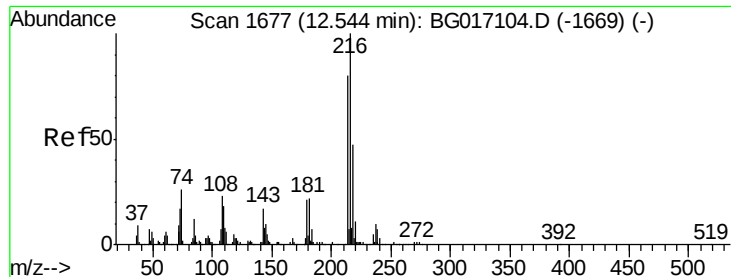
Tgt Ion:142 Resp: 18082
 Ion Ratio Lower Upper
 142 100
 141 67.9 68.2 102.2#
 115 37.1 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:164 Resp: 75425
 Ion Ratio Lower Upper
 164 100
 162 94.9 82.1 123.1
 160 42.4 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.90 ng

RT: 12.50 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:216 Resp: 8320

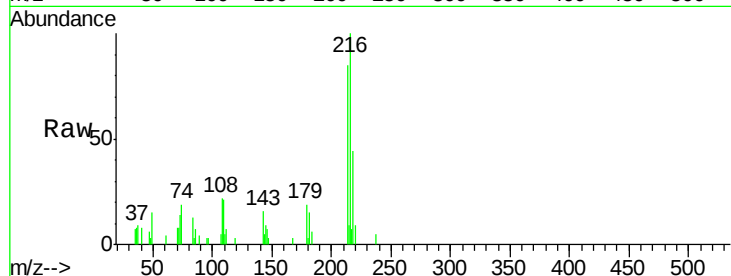
Ion Ratio Lower Upper

216 100

214 83.1 63.3 94.9

179 22.2 17.8 26.8

108 27.6 19.9 29.9

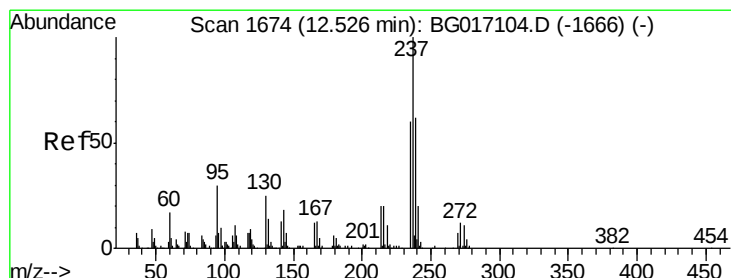
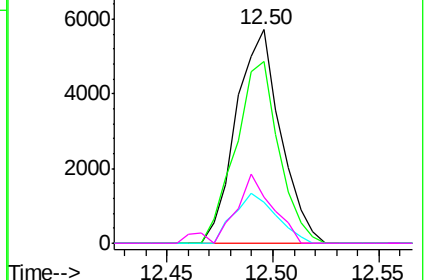
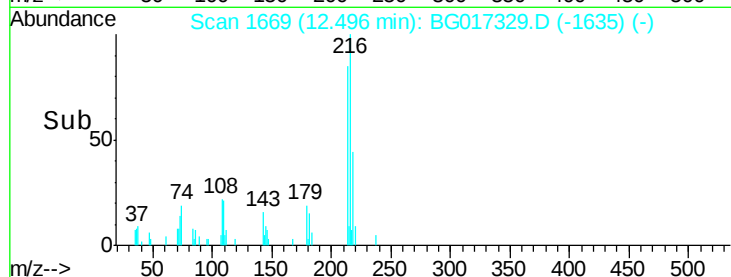


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.85 ng

RT: 12.47 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

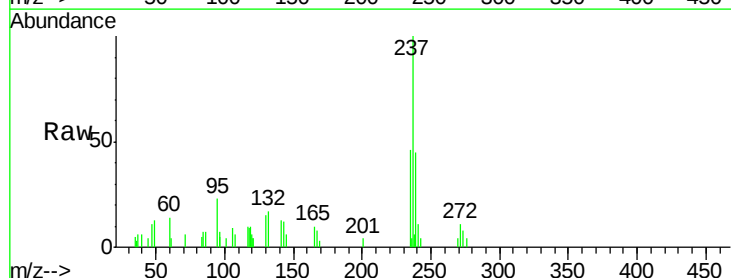
Tgt Ion:237 Resp: 6309

Ion Ratio Lower Upper

237 100

235 46.4 39.7 79.7

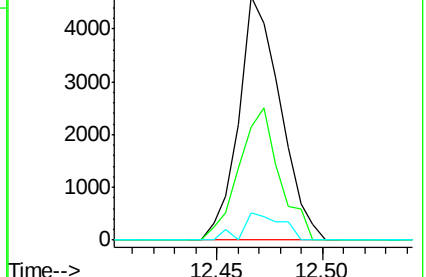
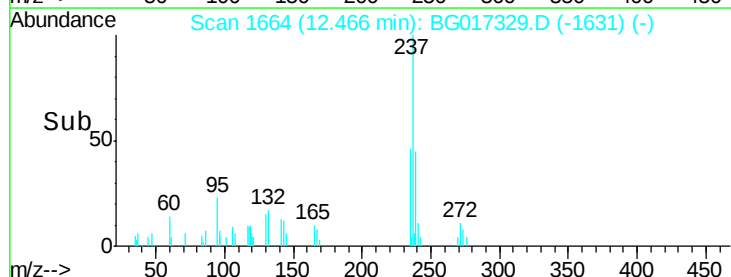
272 11.3 0.0 32.1

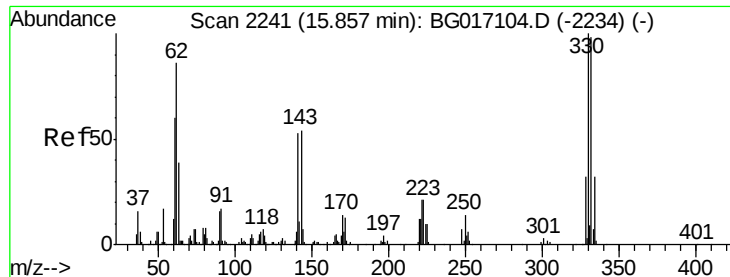


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

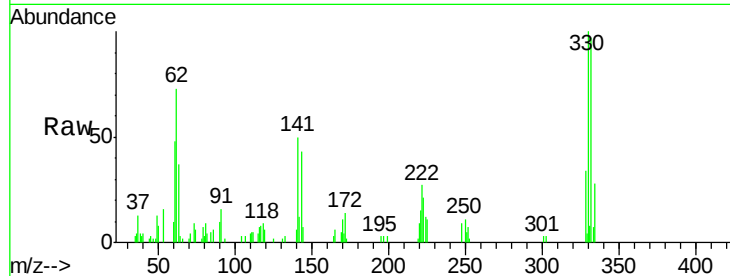




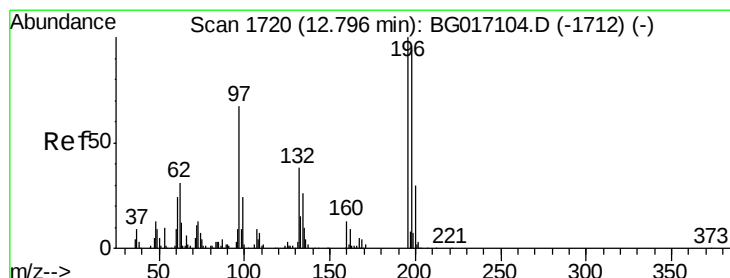
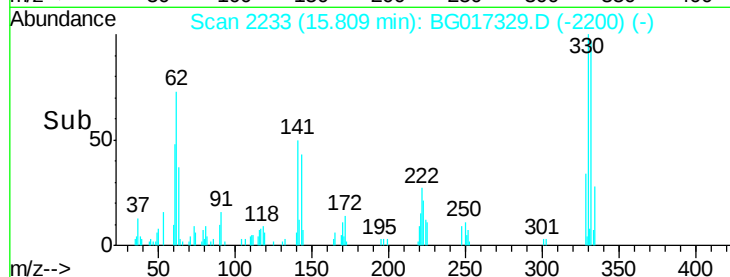
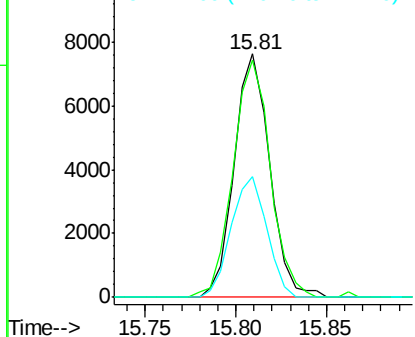
#41
 2,4,6-Tribromophenol
 Concen: 11.40 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion:330 Resp: 10396
 Ion Ratio Lower Upper
 330 100
 332 102.0 76.9 115.3
 141 49.7 42.2 63.2

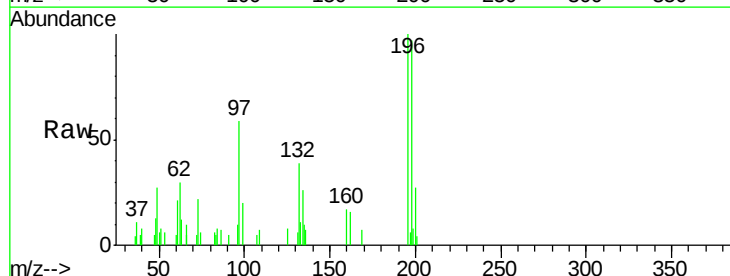


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

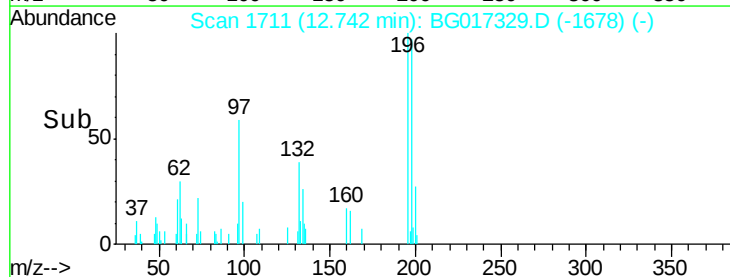
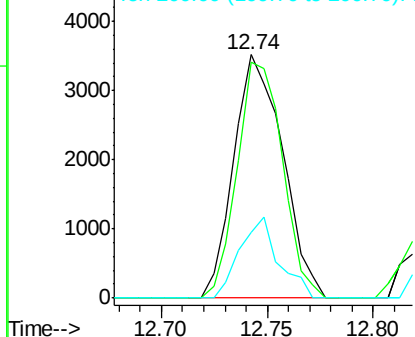


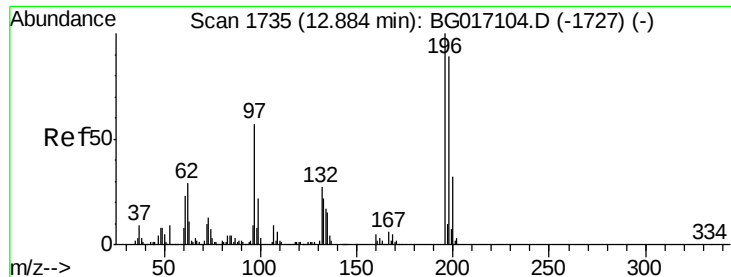
#42
 2,4,6-Trichlorophenol
 Concen: 3.72 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:196 Resp: 5632
 Ion Ratio Lower Upper
 196 100
 198 105.4 74.9 112.3
 200 27.1 24.2 36.2



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

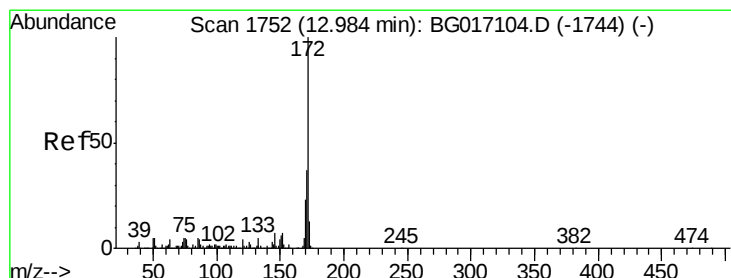
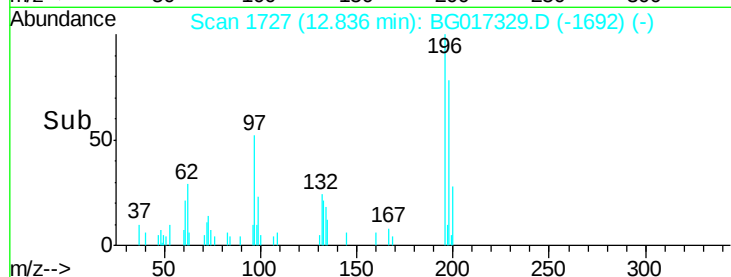
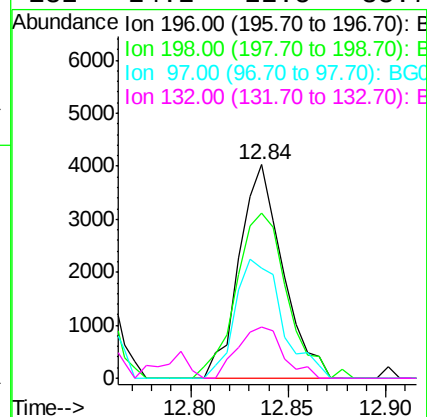
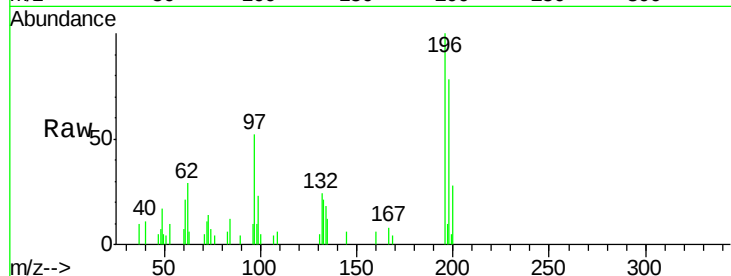




#43
 2,4,5-Trichlorophenol
 Concen: 3.98 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

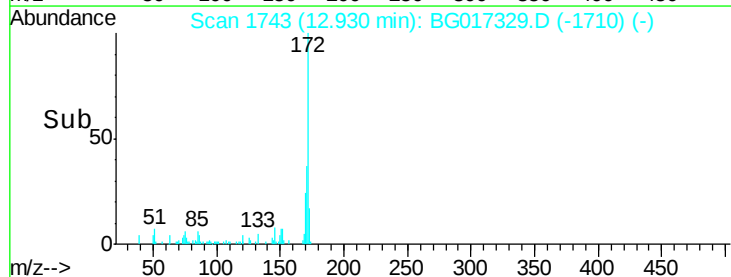
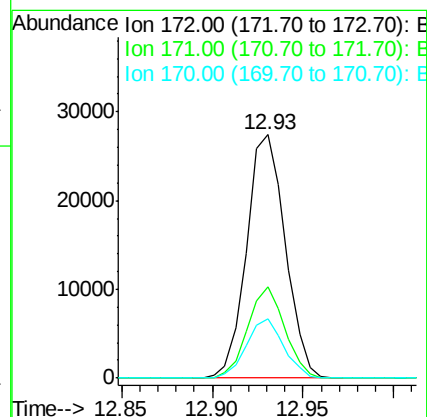
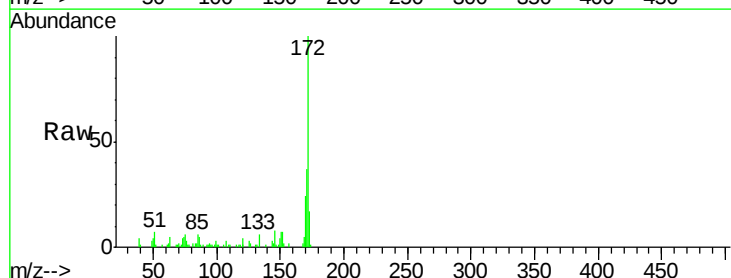
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

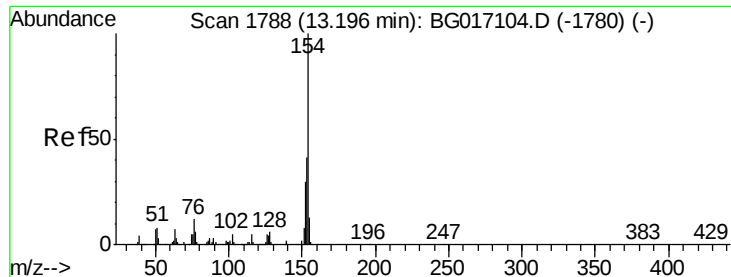
Tgt Ion:196 Resp: 6215
 Ion Ratio Lower Upper
 196 100
 198 77.6 71.4 107.0
 97 51.6 45.4 68.0
 132 24.2 22.5 33.7



#44
 2-Fluorobiphenyl
 Concen: 7.89 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:172 Resp: 40531
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 24.1 18.4 27.6

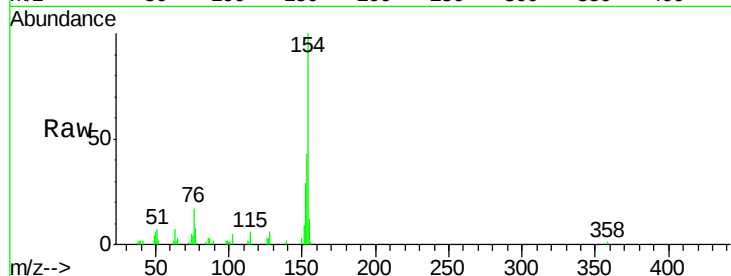




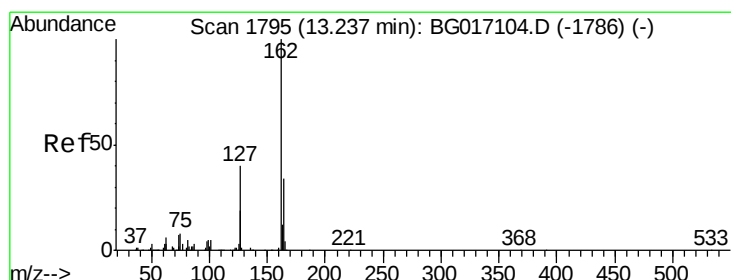
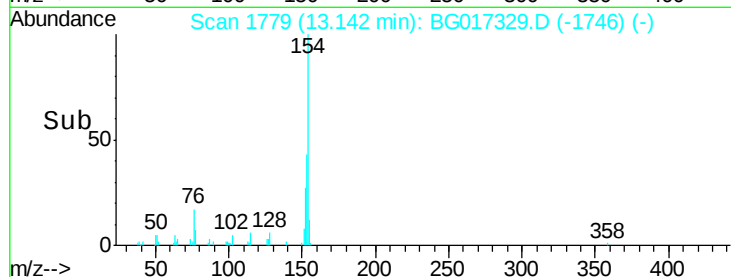
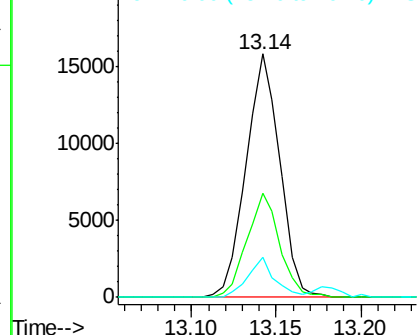
#45
 1,1'-Biphenyl
 Concen: 4.05 ng
 RT: 13.14 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.5	61.5
76	16.7	0.0	31.9

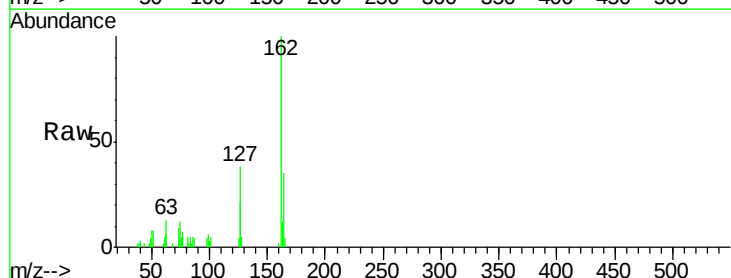


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

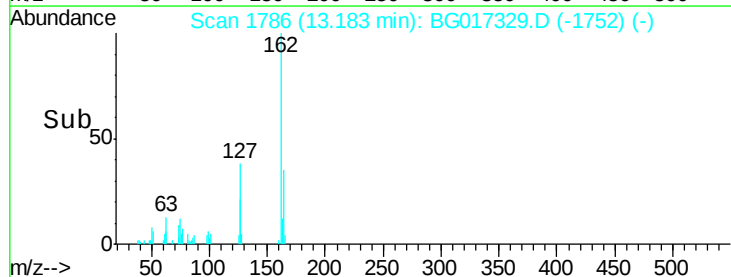
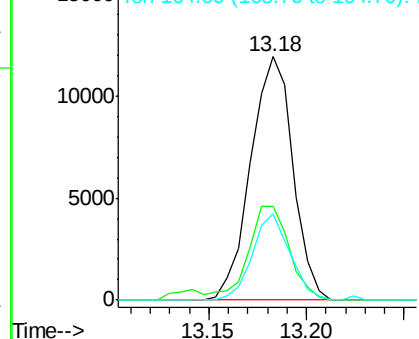


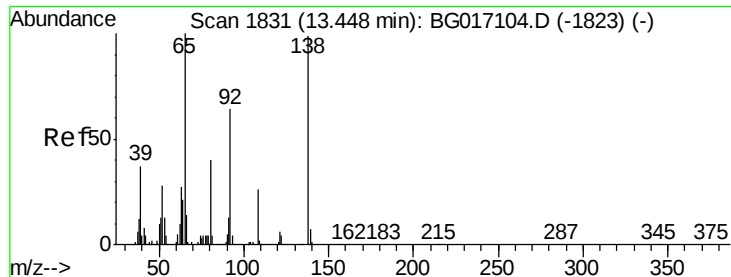
#46
 2-Chloronaphthalene
 Concen: 4.14 ng
 RT: 13.18 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	33.5	50.3
164	35.4	27.0	40.6



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

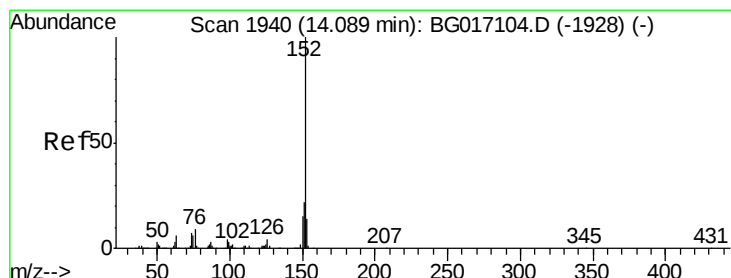
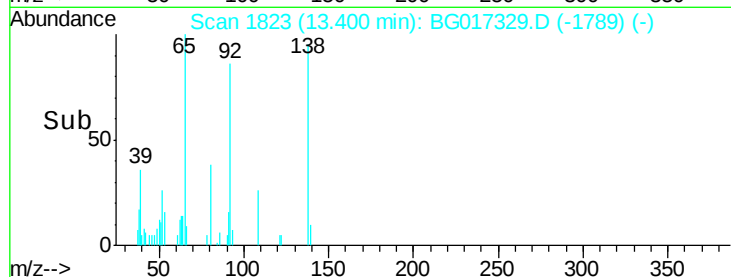
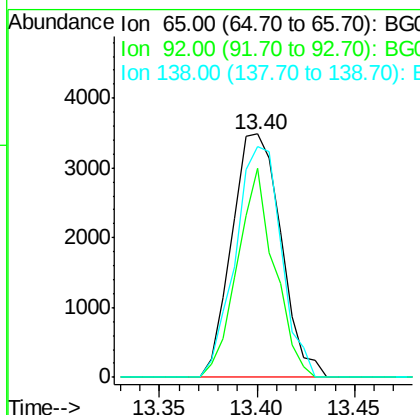
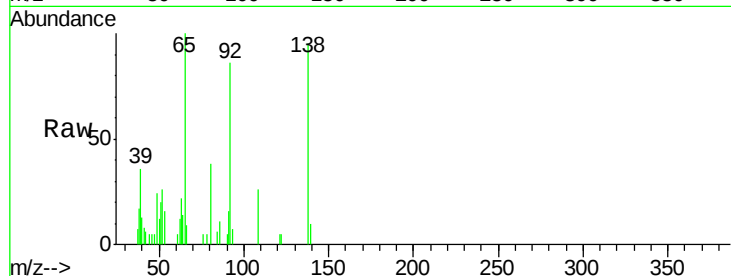




#47
2-Nitroaniline
Concen: 3.63 ng
RT: 13.40 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

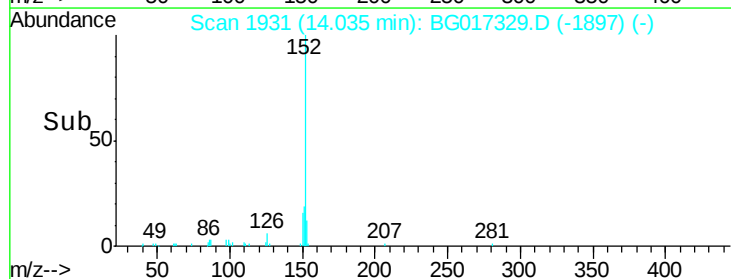
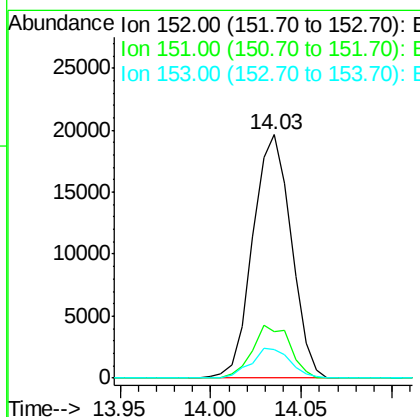
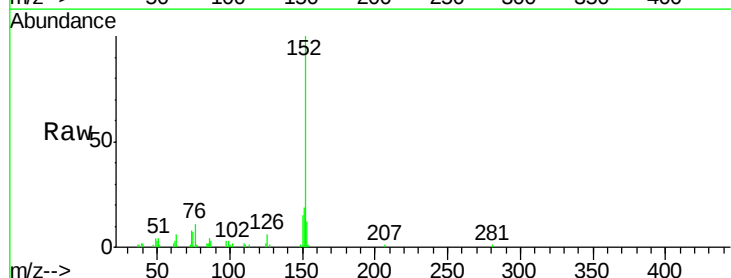
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

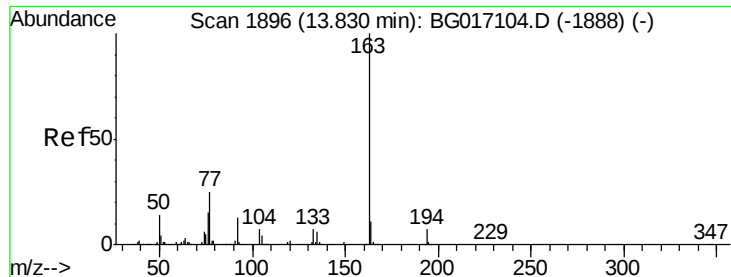
Tgt Ion: 65 Resp: 6082
Ion Ratio Lower Upper
65 100
92 86.0 51.0 76.4#
138 94.9 79.3 118.9



#48
Acenaphthylene
Concen: 3.92 ng
RT: 14.03 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion: 152 Resp: 28886
Ion Ratio Lower Upper
152 100
151 18.9 17.2 25.8
153 11.8 10.8 16.2





#49

Dimethylphthalate

Concen: 3.80 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

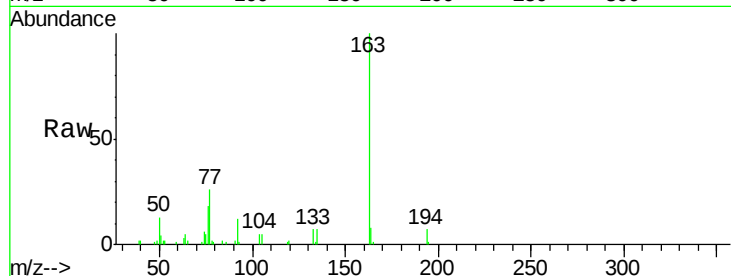
Tgt Ion:163 Resp: 22400

Ion Ratio Lower Upper

163 100

194 7.0 5.6 8.4

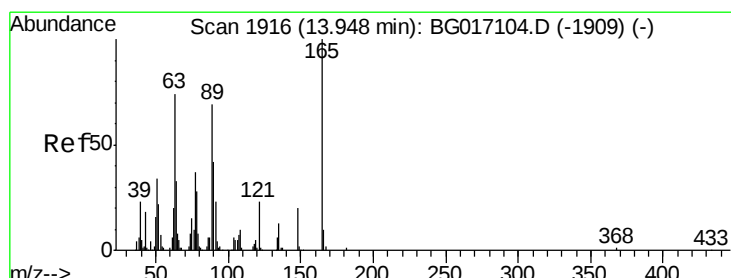
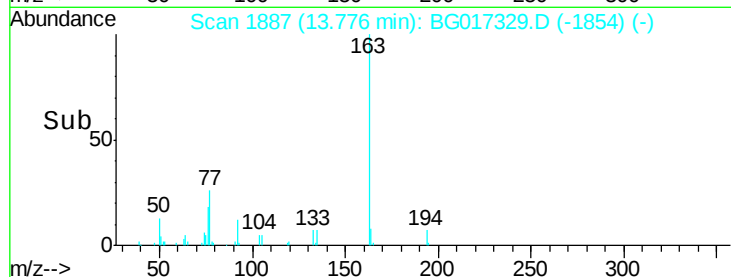
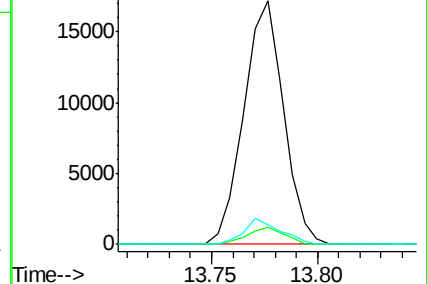
164 7.9 8.6 13.0#



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: 3.92 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

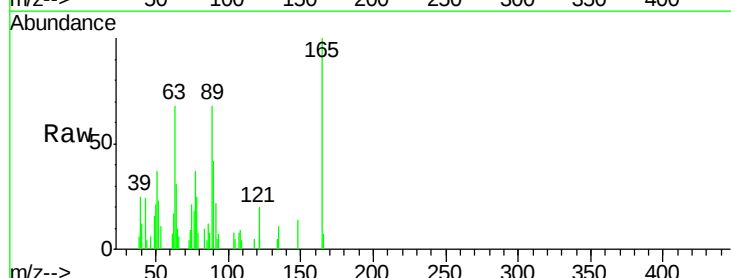
Tgt Ion:165 Resp: 5123

Ion Ratio Lower Upper

165 100

63 67.8 60.6 90.8

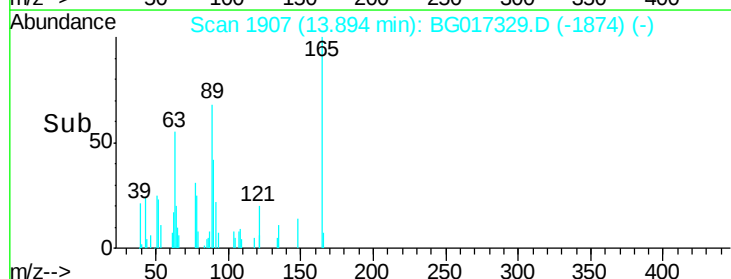
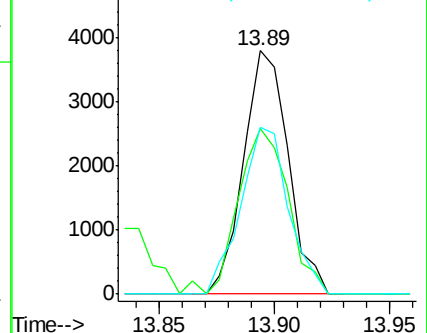
89 68.5 55.0 82.6

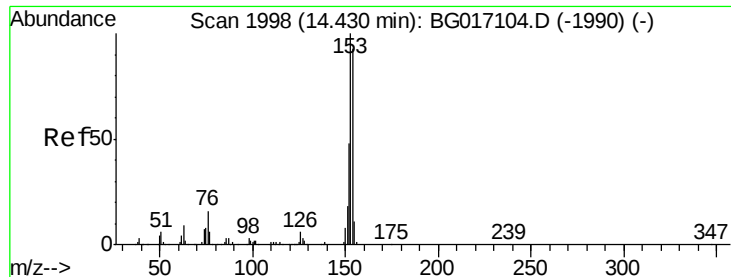


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 4.10 ng

RT: 14.38 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

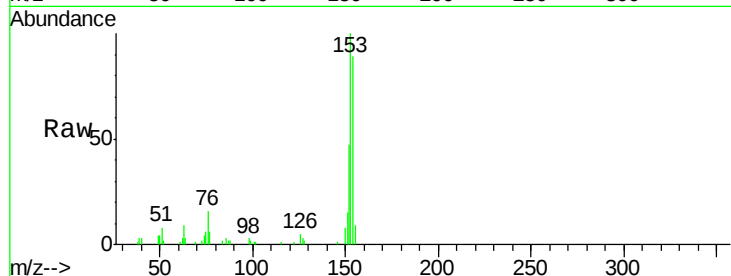
Tgt Ion:154 Resp: 17855

Ion Ratio Lower Upper

154 100

153 111.8 86.2 129.4

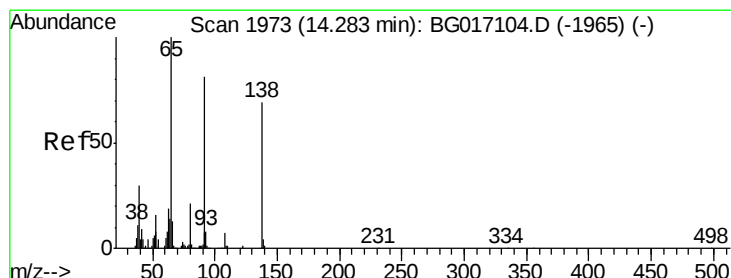
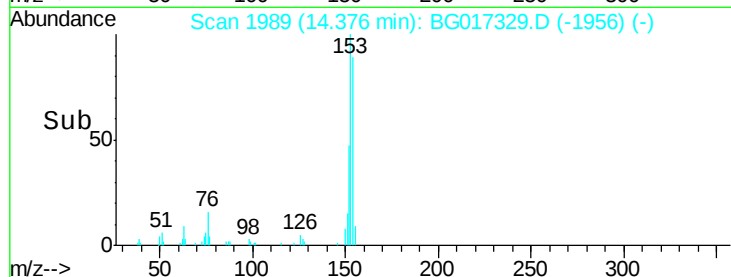
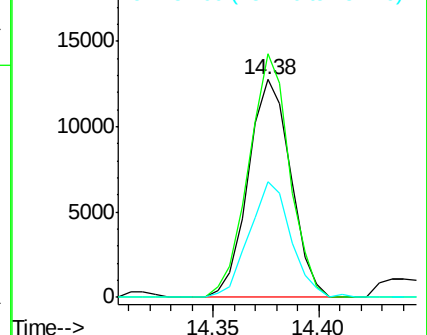
152 52.8 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.35 ng

RT: 14.23 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

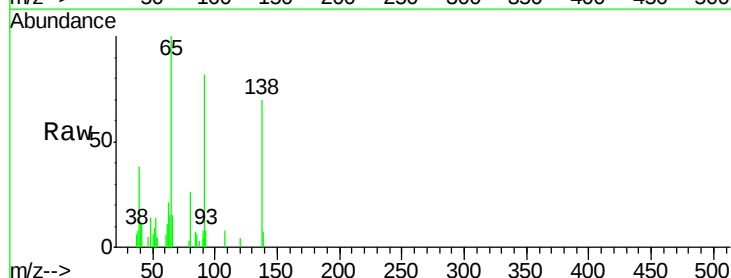
Tgt Ion:138 Resp: 4855

Ion Ratio Lower Upper

138 100

108 11.5 7.6 11.4#

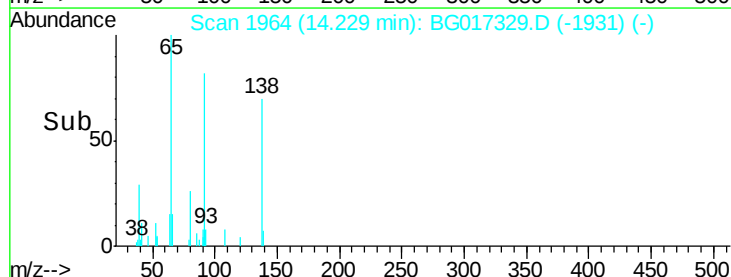
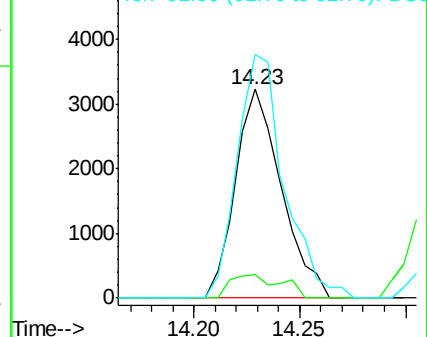
92 116.7 93.6 140.4

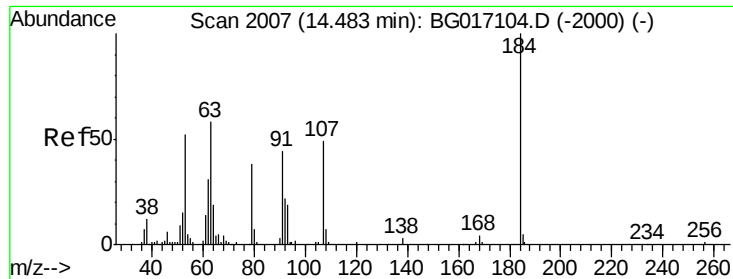


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

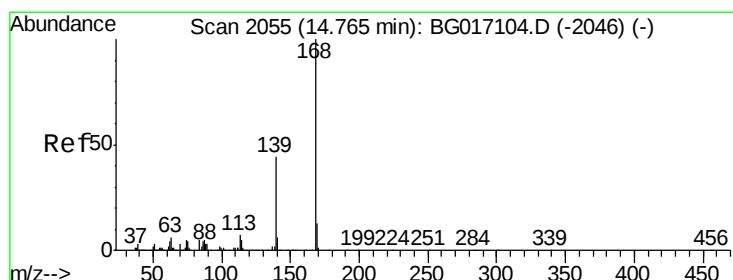
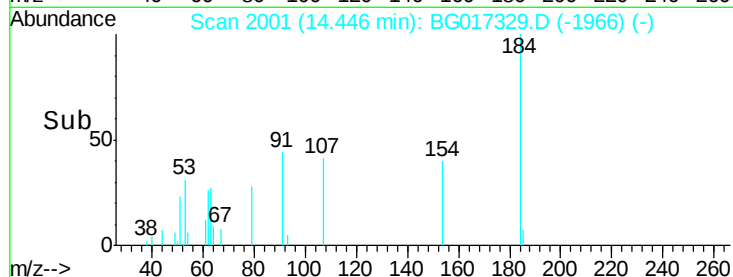
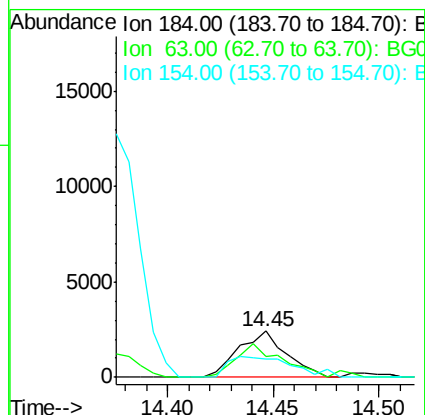
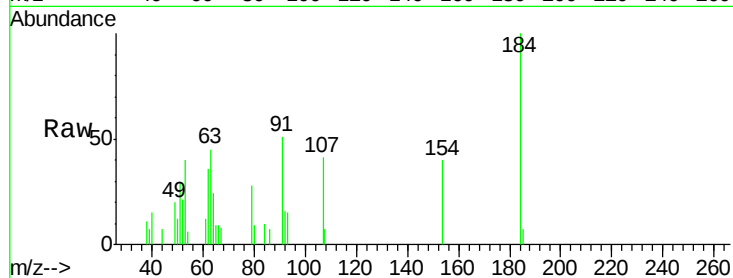




#53
2,4-Dinitrophenol
Concen: 5.02 ng
RT: 14.45 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

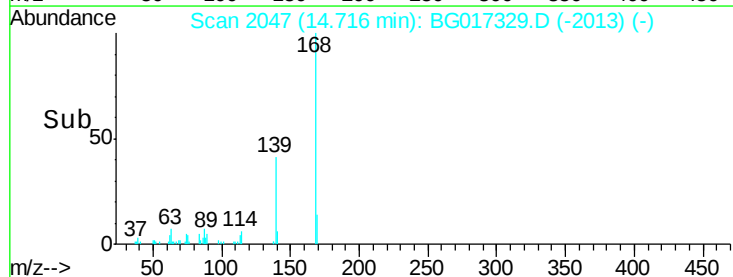
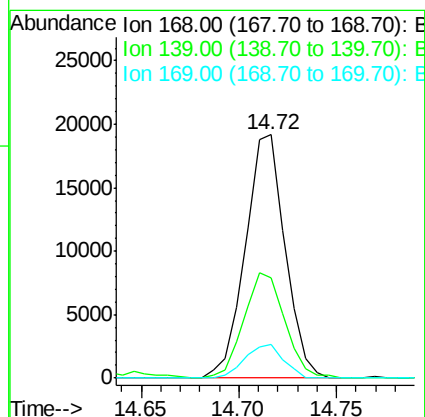
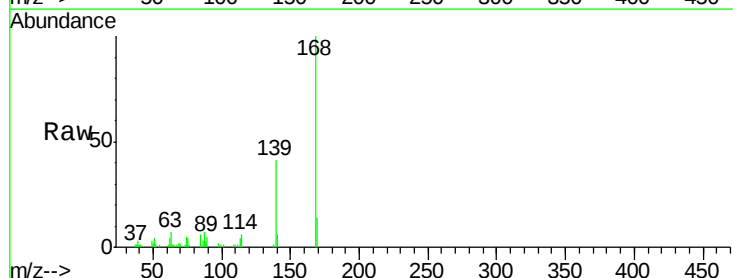
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

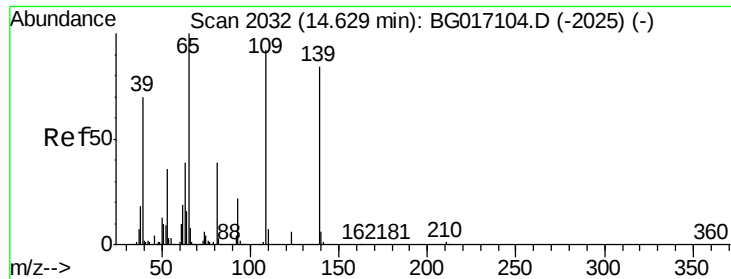
Tgt Ion:184 Resp: 3808
Ion Ratio Lower Upper
184 100
63 45.0 63.6 95.4#
154 40.4 47.8 71.6#



#54
Dibenzofuran
Concen: 4.17 ng
RT: 14.72 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:168 Resp: 27000
Ion Ratio Lower Upper
168 100
139 41.0 34.9 52.3
169 13.8 10.5 15.7

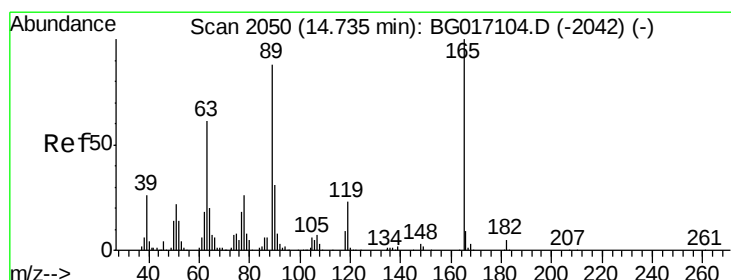
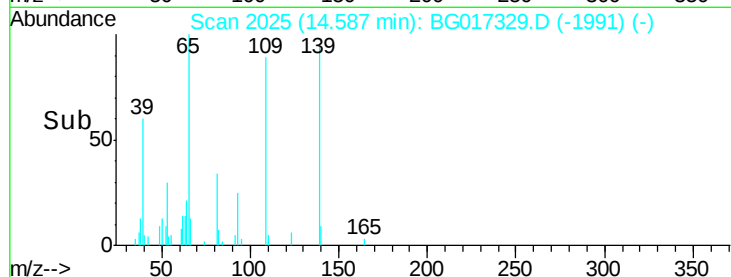
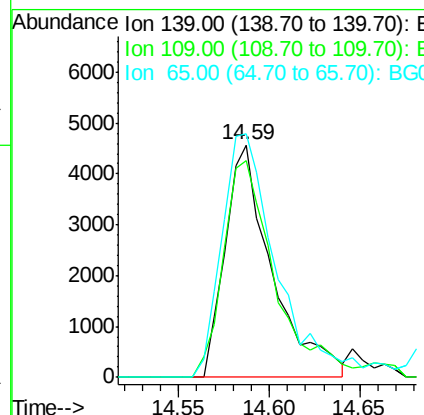
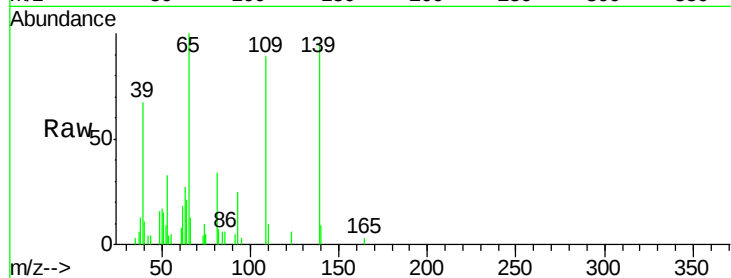




#55
4-Nitrophenol
Concen: 7.05 ng
RT: 14.59 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

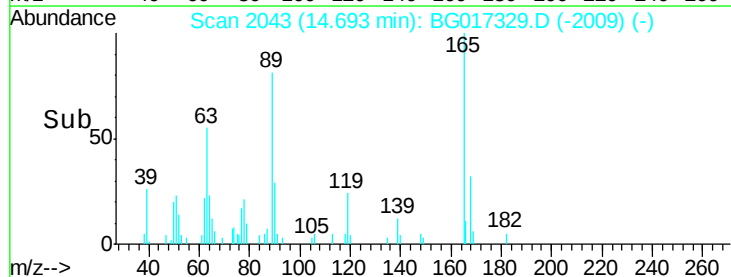
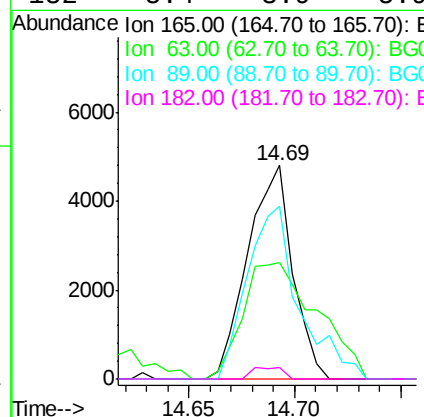
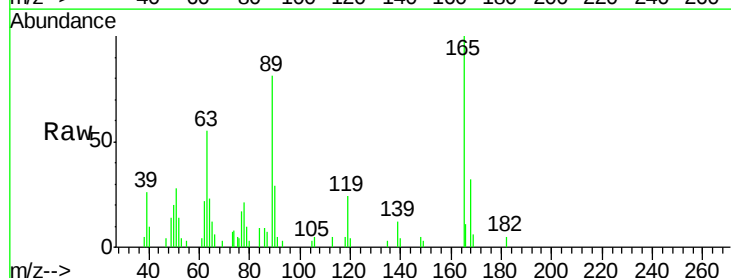
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

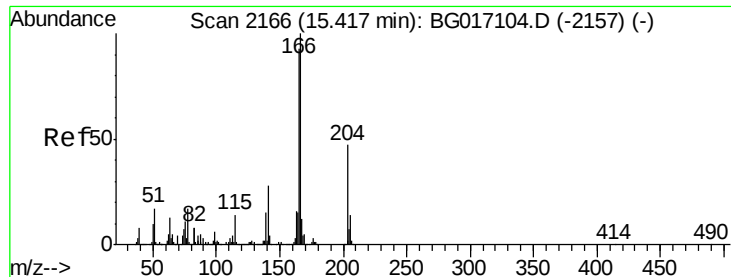
Tgt Ion:139 Resp: 8226
Ion Ratio Lower Upper
139 100
109 92.9 90.5 130.5
65 104.7 99.9 139.9



#56
2,4-Dinitrotoluene
Concen: 3.89 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:165 Resp: 7083
Ion Ratio Lower Upper
165 100
63 54.7 49.0 73.4
89 80.7 70.1 105.1
182 5.4 3.9 5.9





#57

Fluorene

Concen: 4.01 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

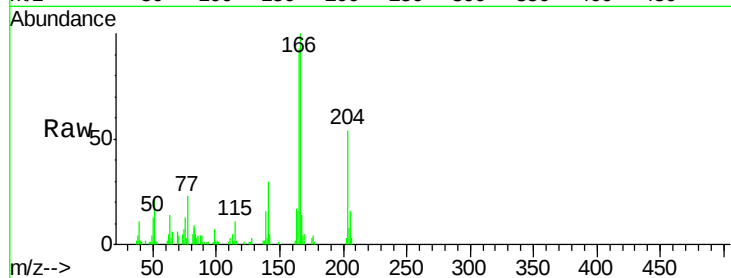
Tgt Ion:166 Resp: 22962

Ion Ratio Lower Upper

166 100

165 93.5 74.2 111.4

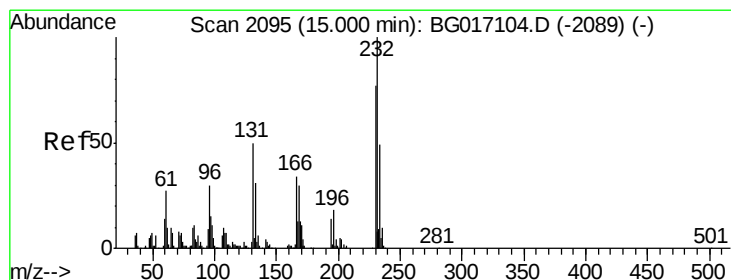
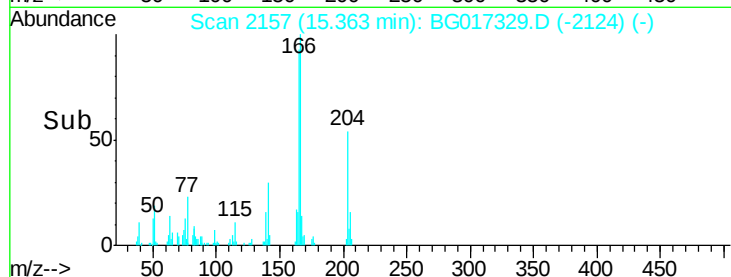
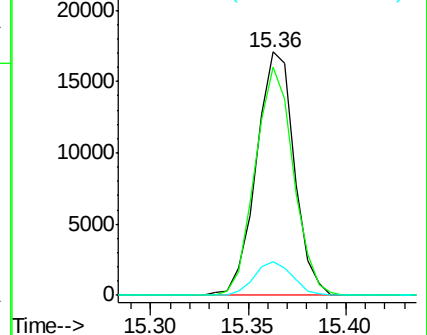
167 13.9 9.8 14.8



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: 3.87 ng

RT: 14.95 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Tgt Ion:232 Resp: 5544

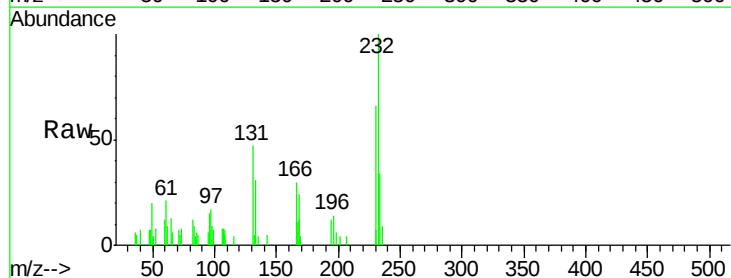
Ion Ratio Lower Upper

232 100

131 52.2 42.7 64.1

130 0.0 3.0 4.4#

166 31.3 25.7 38.5

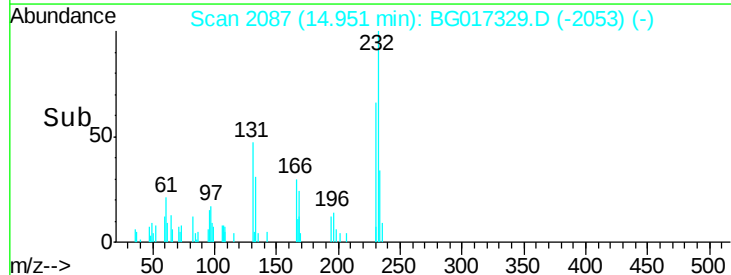
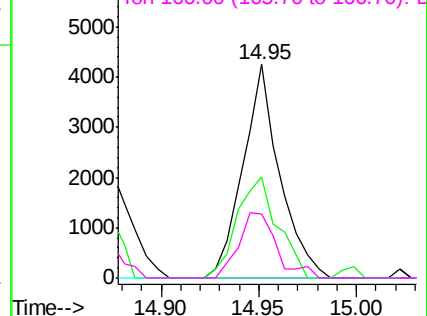


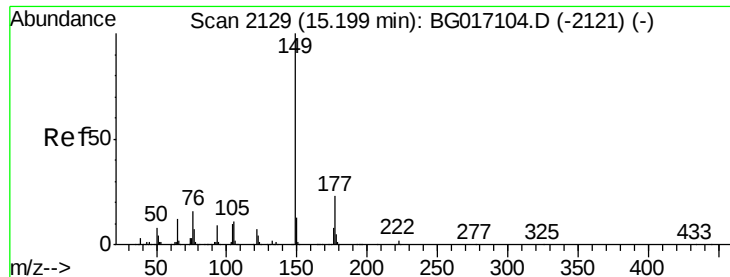
Abundance Ion 232.00 (231.70 to 232.70): E

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: 4.02 ng

RT: 15.15 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

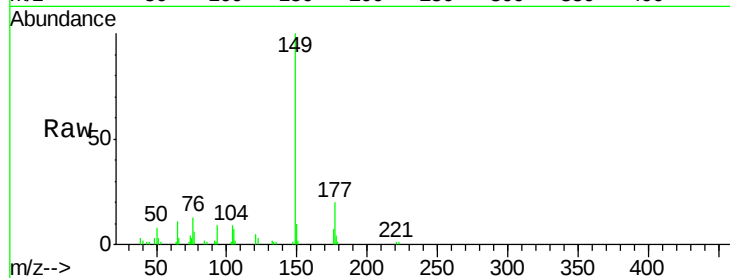
Tgt Ion:149 Resp: 25448

Ion Ratio Lower Upper

149 100

177 19.7 18.3 27.5

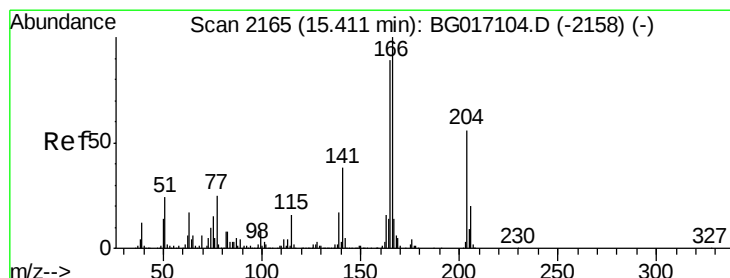
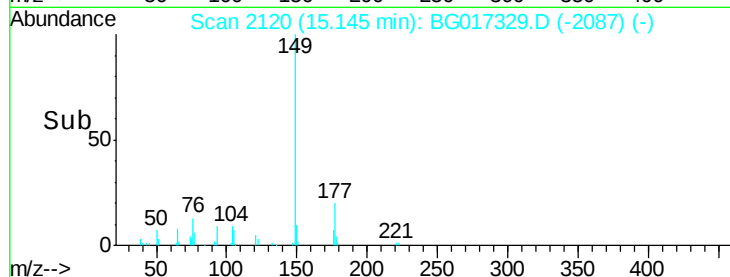
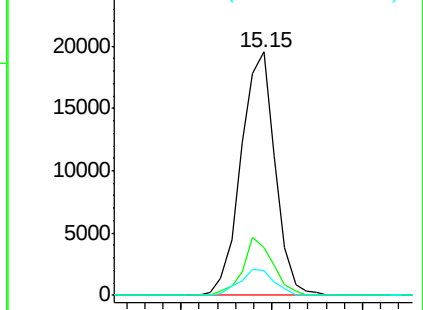
150 10.0 10.4 15.6#



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: 3.94 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

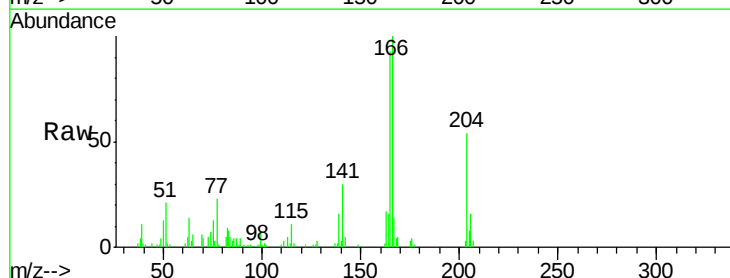
Tgt Ion:204 Resp: 11587

Ion Ratio Lower Upper

204 100

206 28.9 28.6 42.8

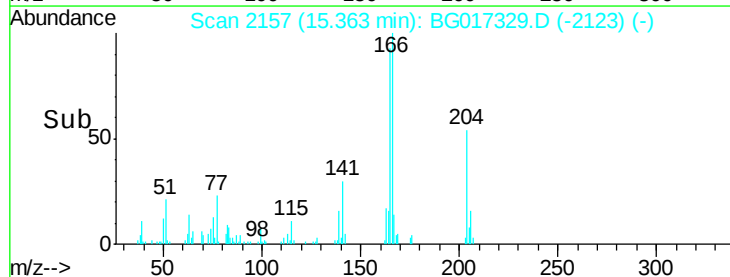
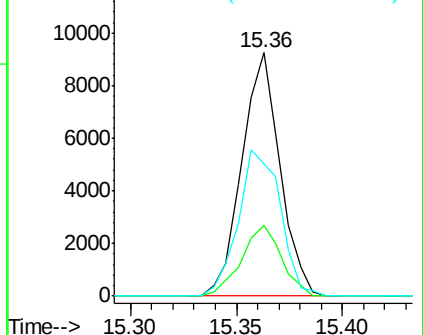
141 54.6 54.2 81.2

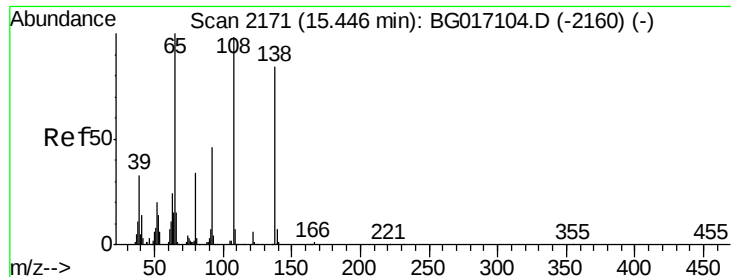


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

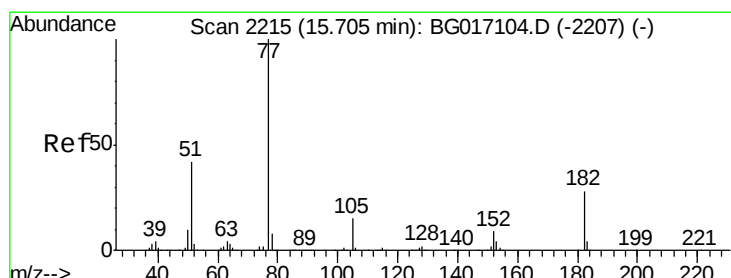
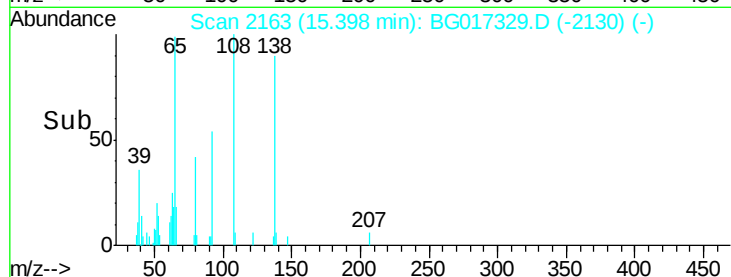
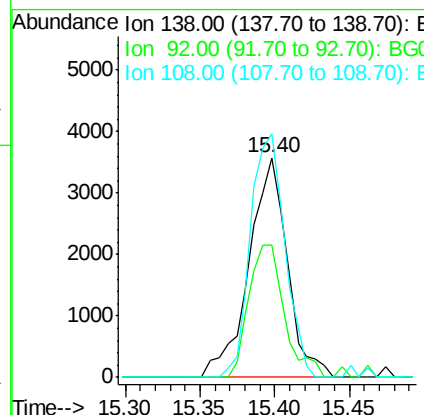
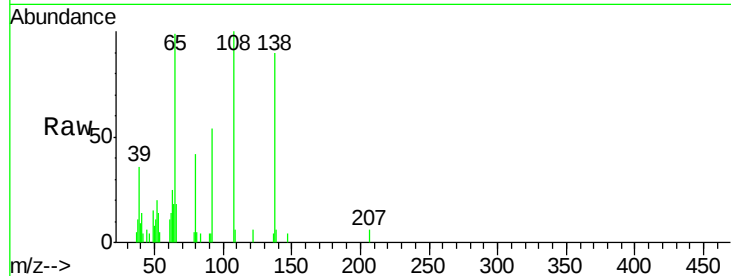




#61
4-Nitroaniline
Concen: 3.93 ng
RT: 15.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

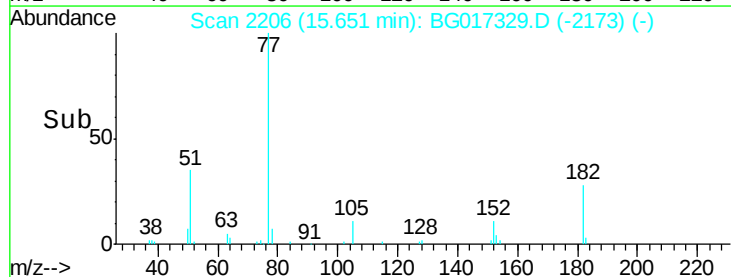
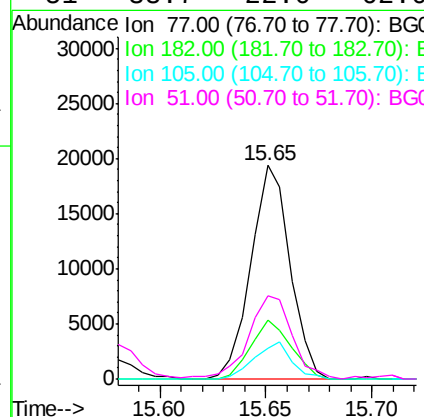
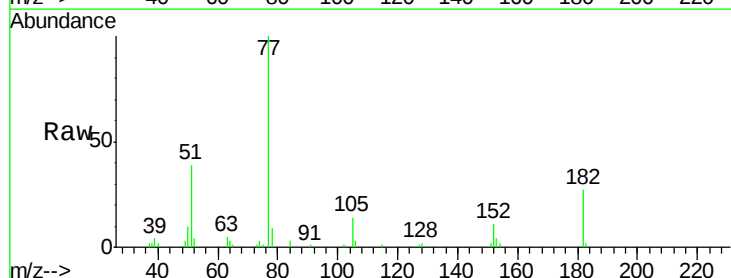
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

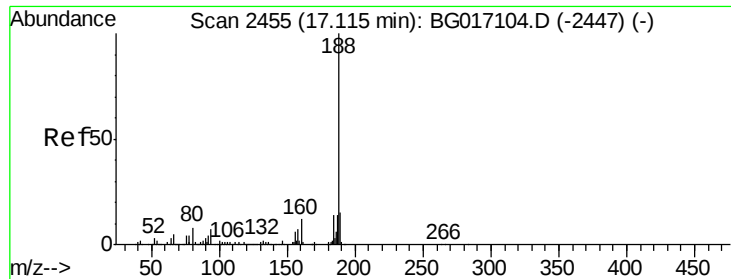
Tgt Ion: 138 Resp: 6357
Ion Ratio Lower Upper
138 100
92 59.9 34.9 74.9
108 110.7 95.8 135.8



#62
Azobenzene
Concen: 4.12 ng
RT: 15.65 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion: 77 Resp: 24942
Ion Ratio Lower Upper
77 100
182 27.5 8.1 48.1
105 14.2 0.0 34.8
51 38.7 22.0 62.0

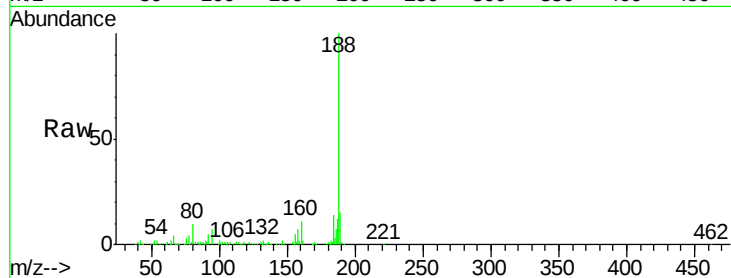




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

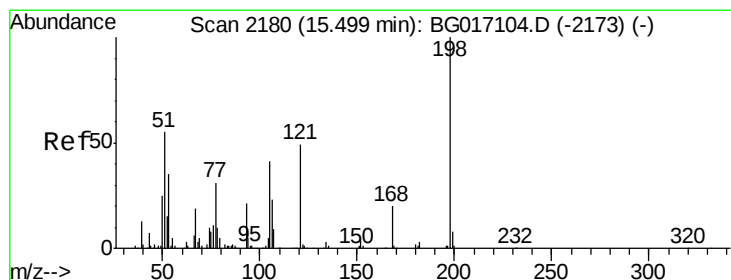
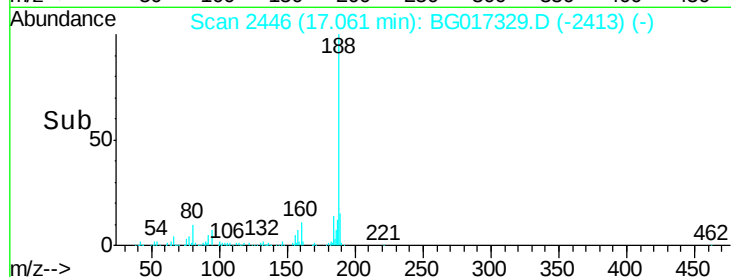
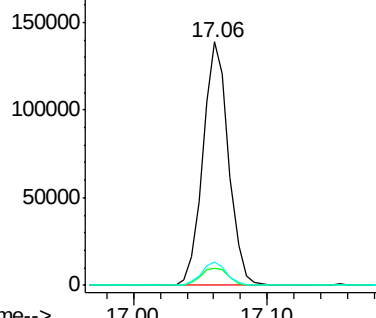
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	9.7	6.5	9.7



Abundance Ion 188.00 (187.70 to 188.70): E

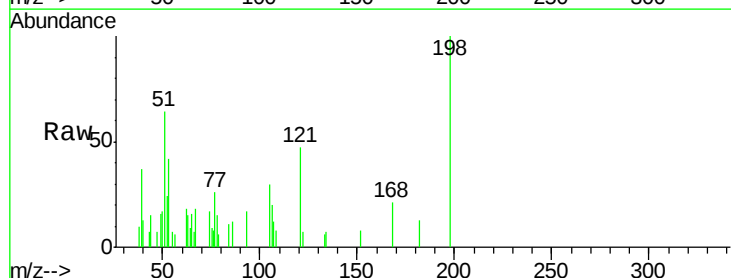
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64
4,6-Dinitro-2-methylphenol
Concen: 2.97 ng
RT: 15.45 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

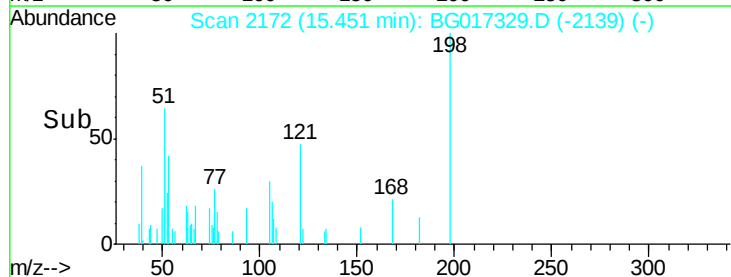
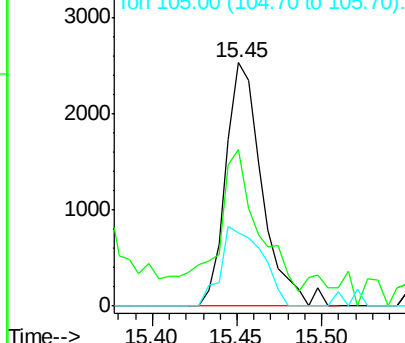
Tgt Ion	Ratio	Lower	Upper
198	100		
51	64.1	39.9	79.9
105	30.2	22.0	62.0

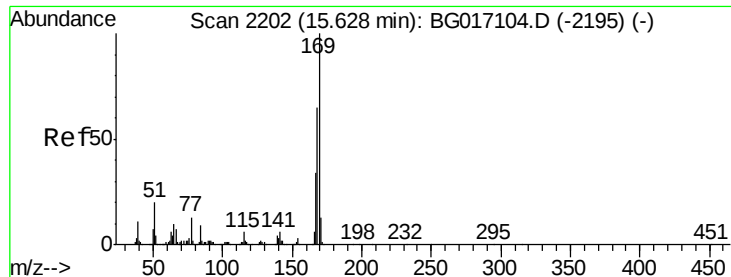


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.51 ng

RT: 15.58 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

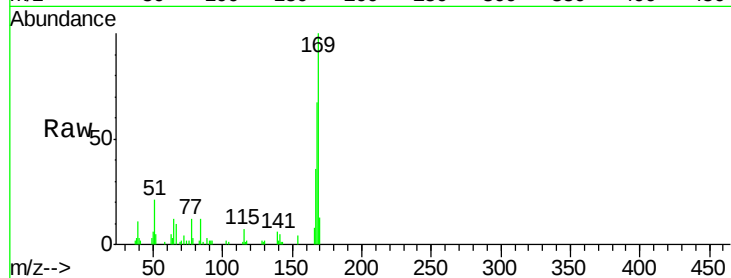
Tgt Ion:169 Resp: 19935

Ion Ratio Lower Upper

169 100

168 67.5 51.7 77.5

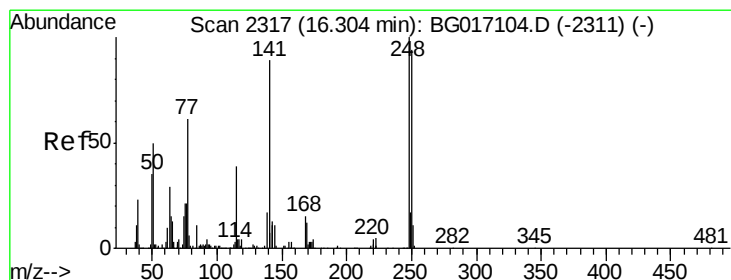
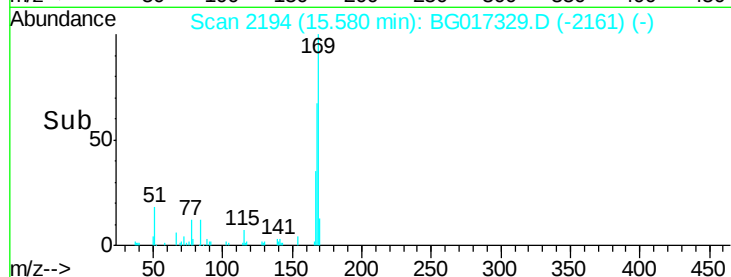
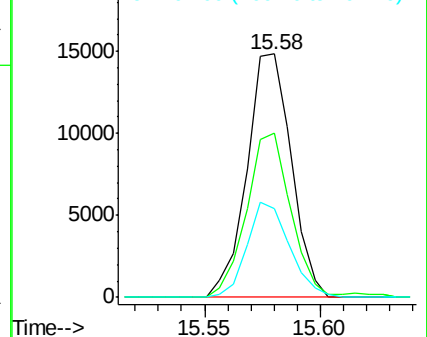
167 36.5 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.79 ng

RT: 16.25 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

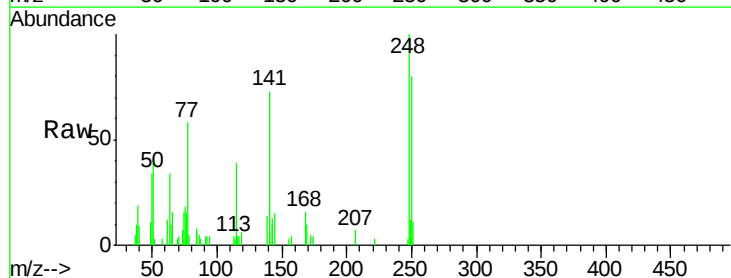
Tgt Ion:248 Resp: 7651

Ion Ratio Lower Upper

248 100

250 80.1 75.0 112.4

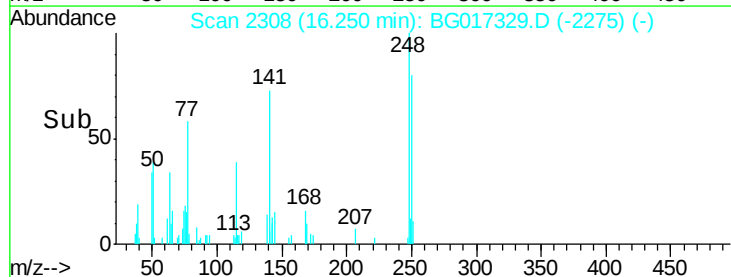
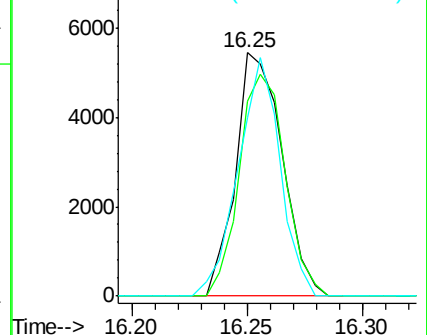
141 73.0 71.3 106.9

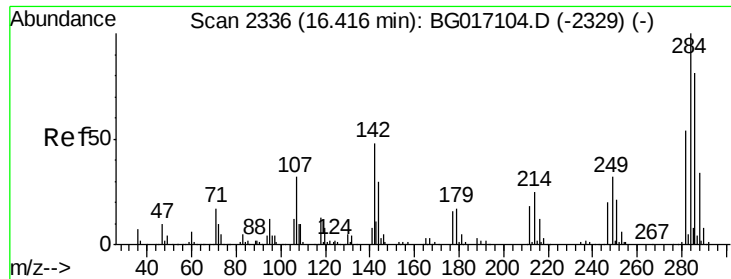


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

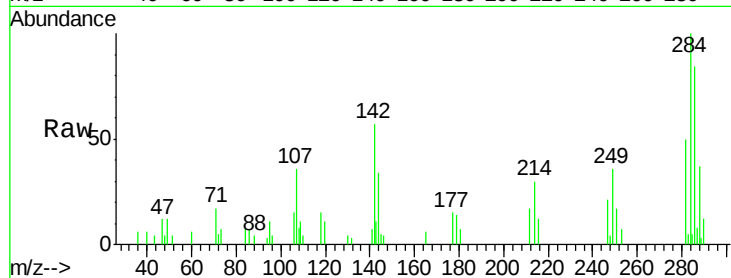




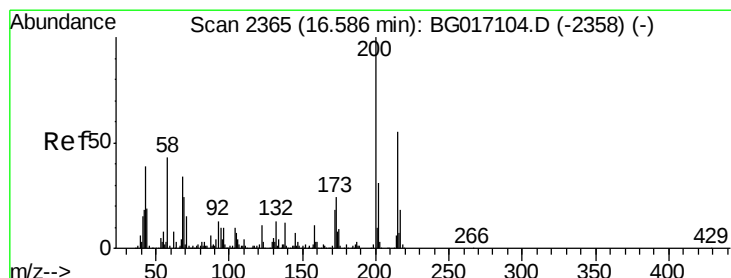
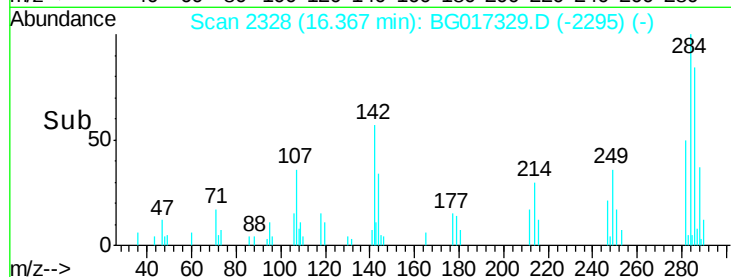
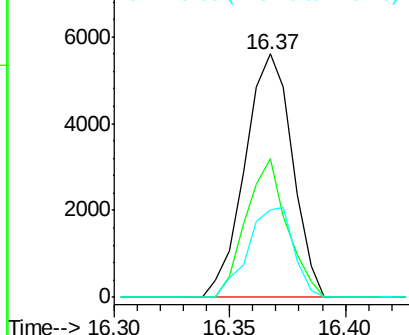
#67
Hexachlorobenzene
Concen: 3.76 ng
RT: 16.37 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Instrument :
BNA_G
ClientSampleId :
PB83579BSD

Tgt Ion: 284 Resp: 8007
Ion Ratio Lower Upper
284 100
142 56.9 38.2 57.2
249 35.8 25.2 37.8

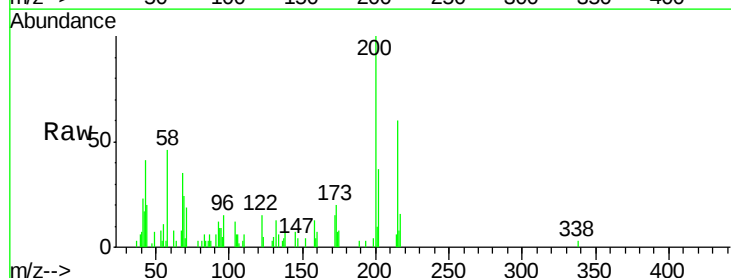


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

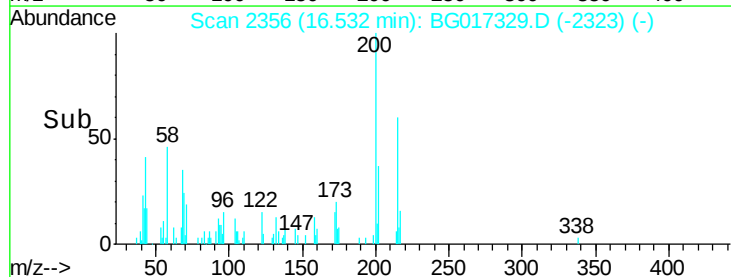
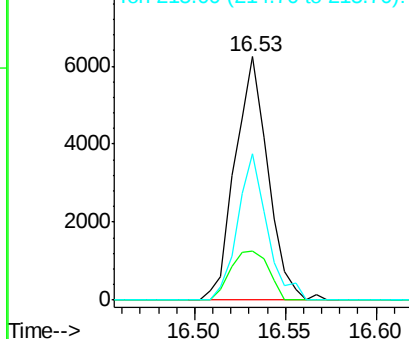


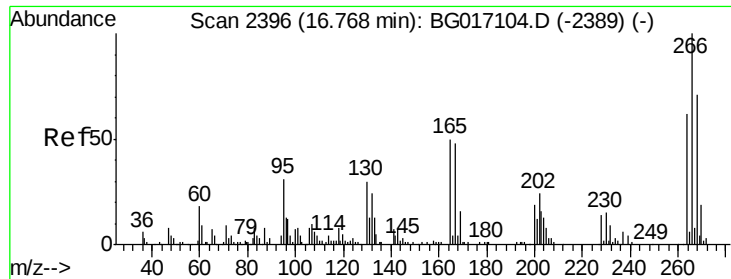
#68
Atrazine
Concen: 3.79 ng
RT: 16.53 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion: 200 Resp: 7884
Ion Ratio Lower Upper
200 100
173 20.2 3.7 43.7
215 59.9 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: 4.71 ng

RT: 16.72 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

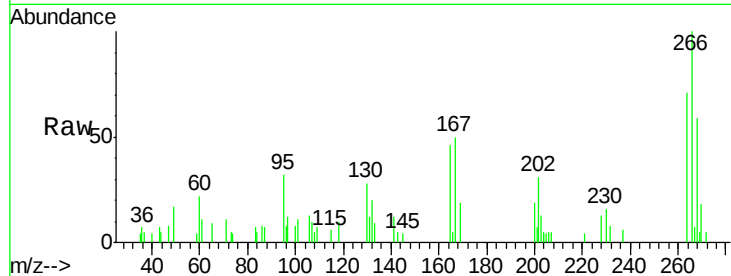
Tgt Ion:266 Resp: 6262

Ion Ratio Lower Upper

266 100

268 59.5 56.6 84.8

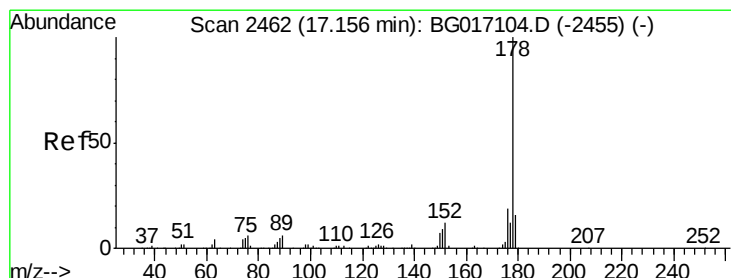
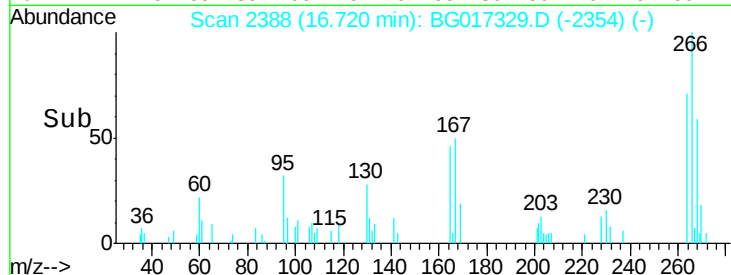
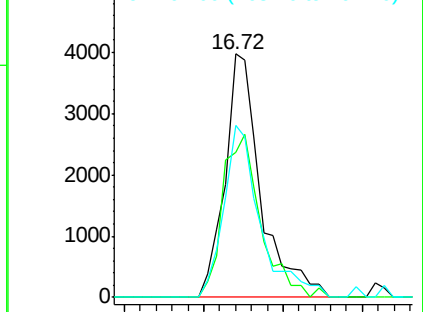
264 70.6 49.4 74.0



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: 3.93 ng

RT: 17.10 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

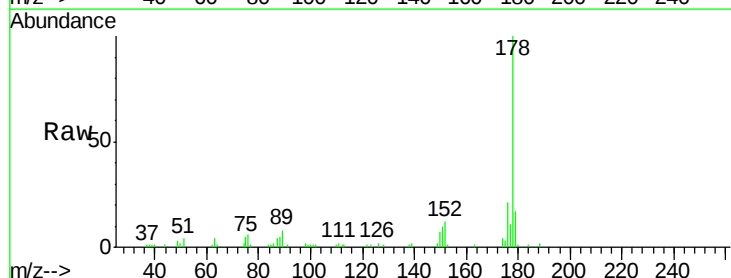
Tgt Ion:178 Resp: 37531

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

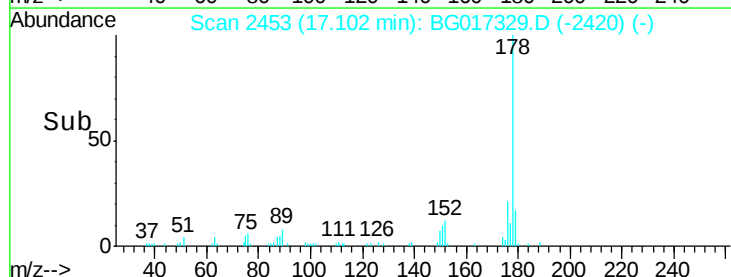
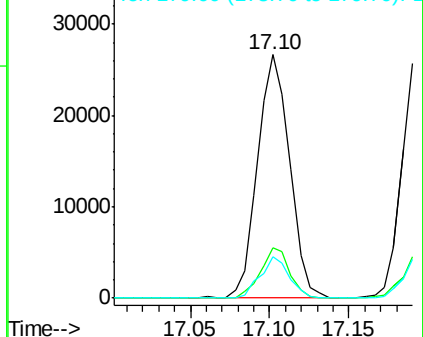
179 17.1 12.5 18.7

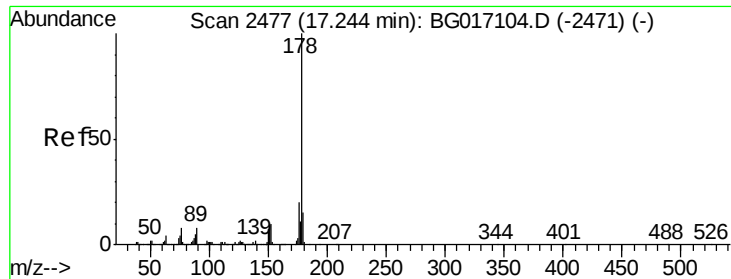


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

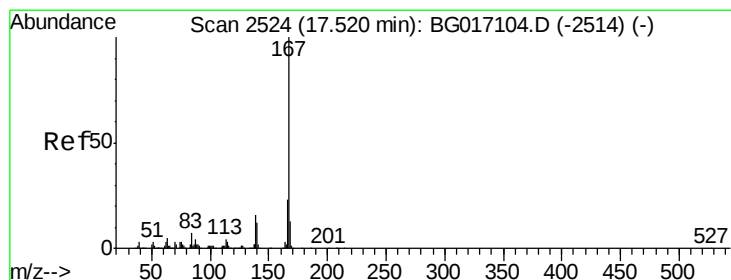
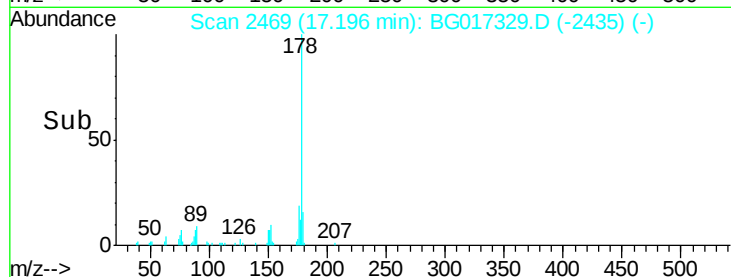
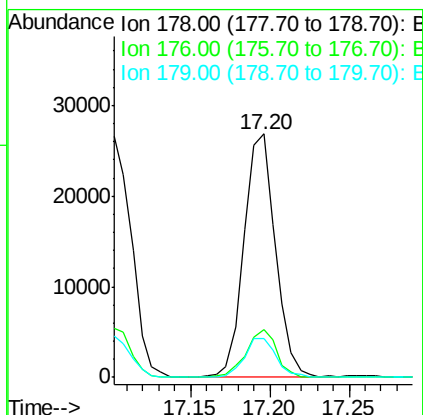
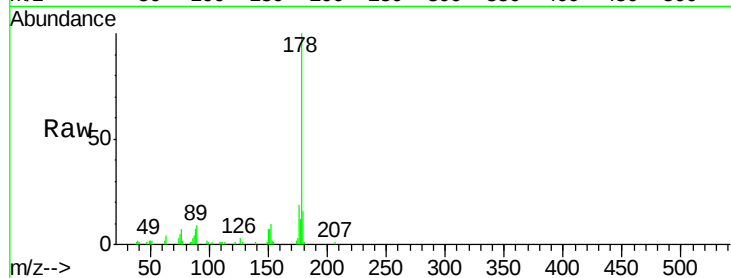




#71
 Anthracene
 Concen: 3.82 ng
 RT: 17.20 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

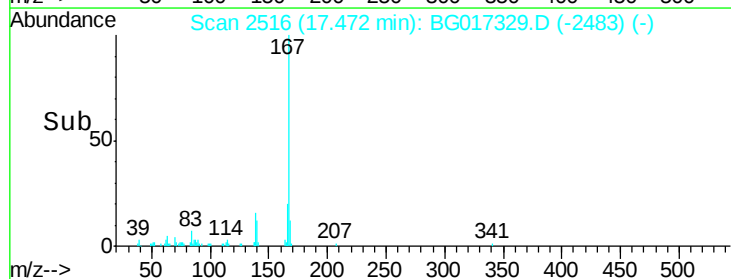
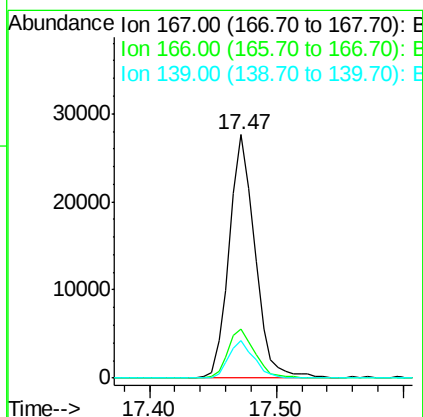
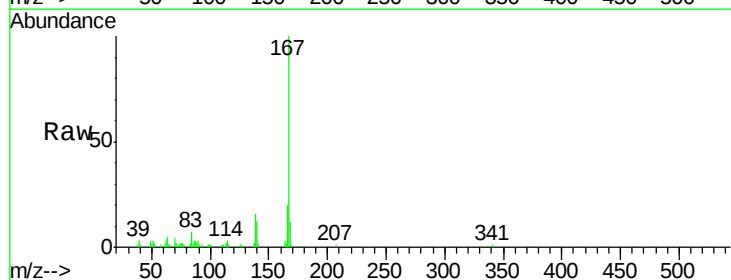
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

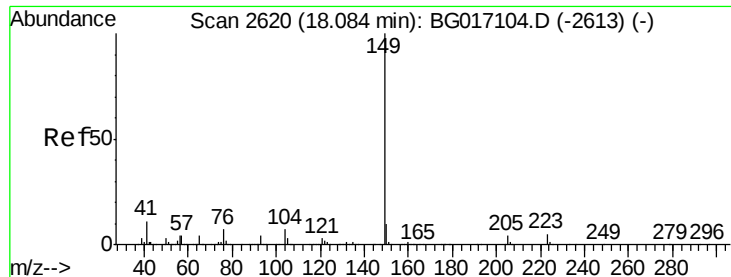
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	16.2	12.1	18.1



#72
 Carbazole
 Concen: 4.35 ng
 RT: 17.47 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.0	18.4	27.6
139	15.6	13.0	19.4





#73

Di-n-butylphthalate

Concen: 4.03 ng

RT: 18.04 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

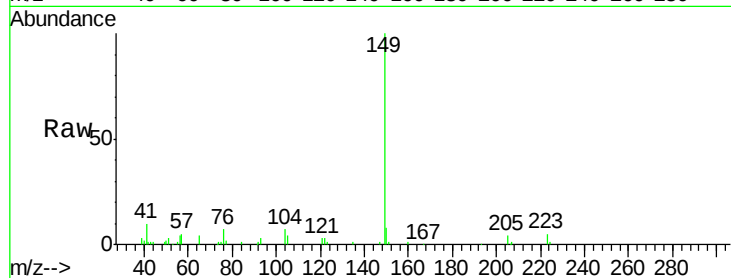
Tgt Ion:149 Resp: 47915

Ion Ratio Lower Upper

149 100

150 7.9 8.2 12.4#

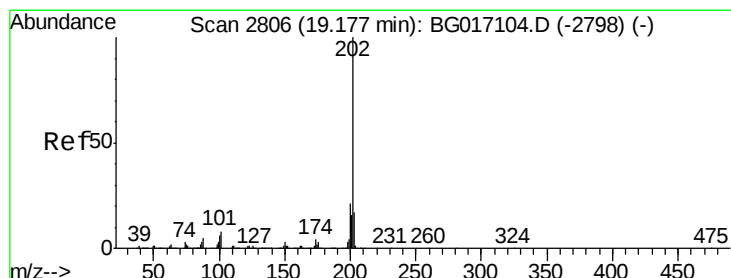
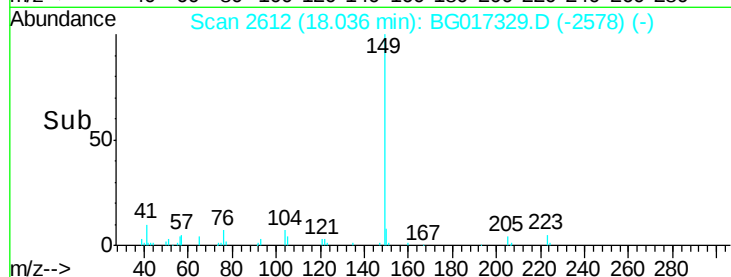
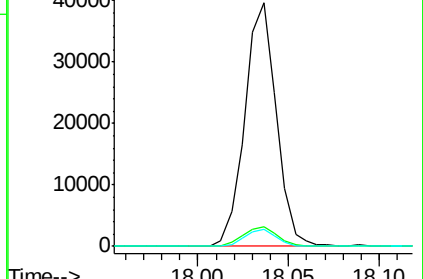
104 6.8 5.7 8.5



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: 4.17 ng

RT: 19.13 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

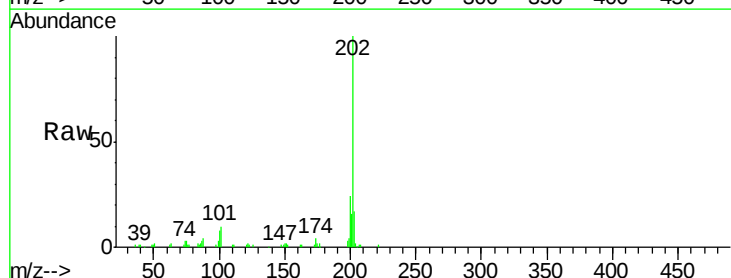
Tgt Ion:202 Resp: 47827

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.3

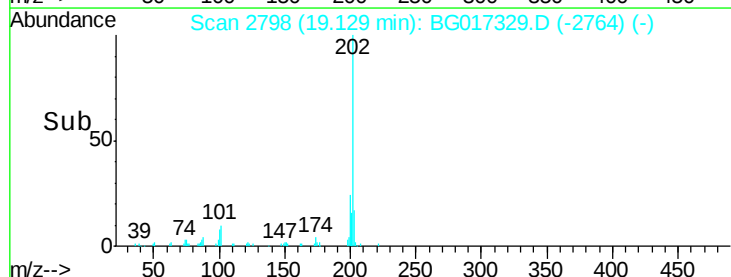
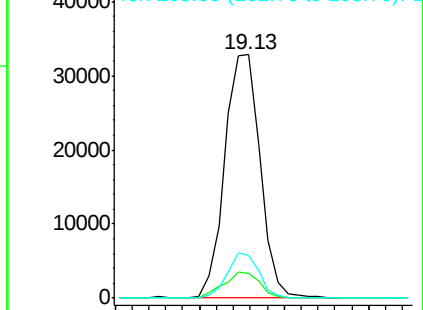
203 17.3 0.0 37.4

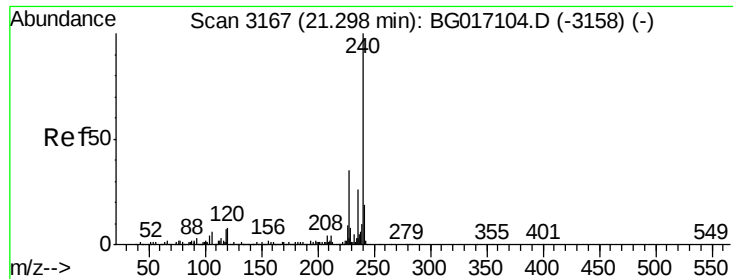


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

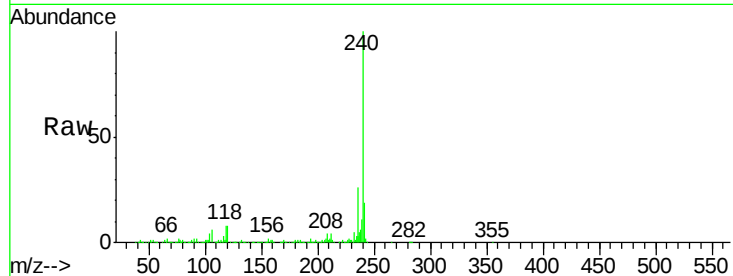
Tgt Ion:240 Resp: 261813

Ion Ratio Lower Upper

240 100

120 8.3 6.0 9.0

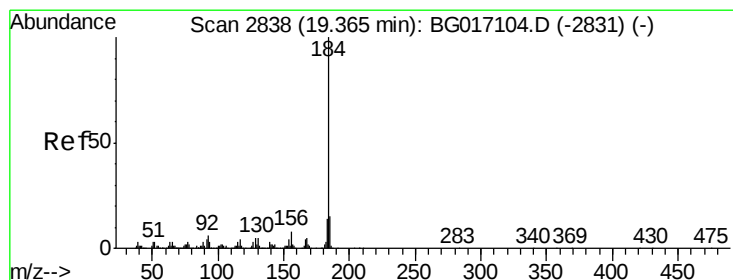
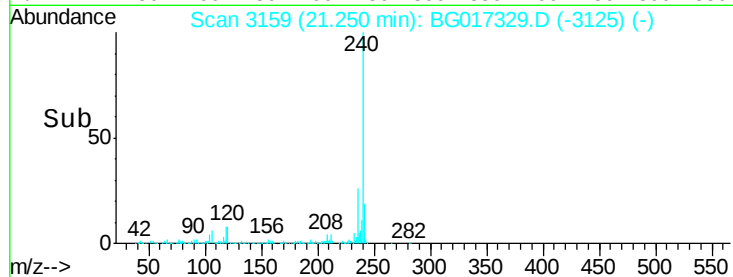
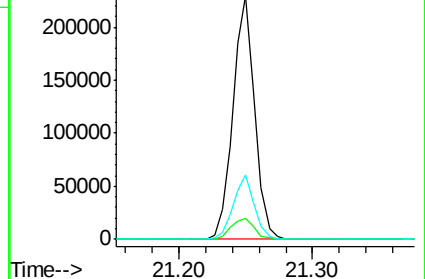
236 26.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.23 ng

RT: 19.32 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

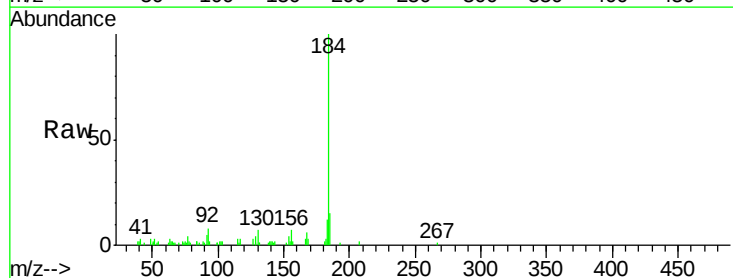
Tgt Ion:184 Resp: 27653

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

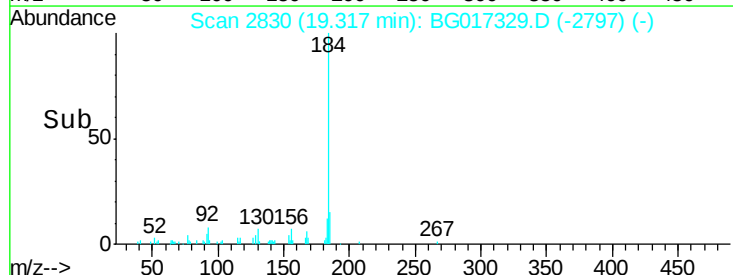
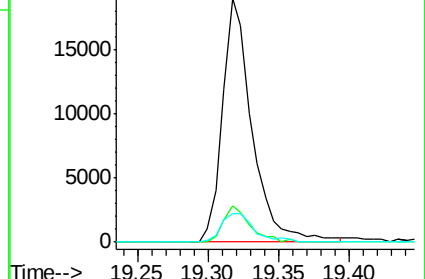
183 11.6 11.4 17.2

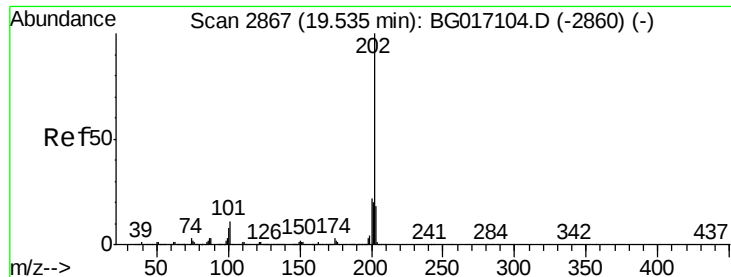


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

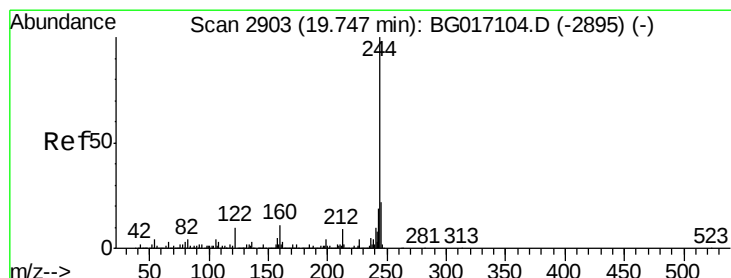
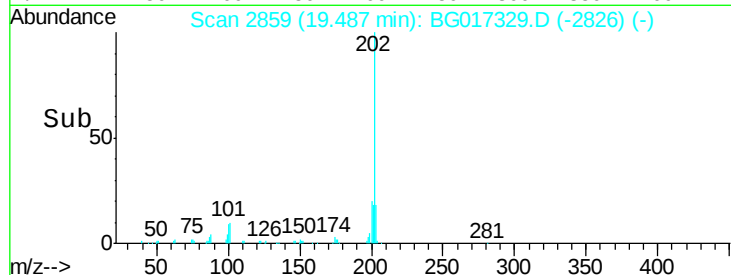
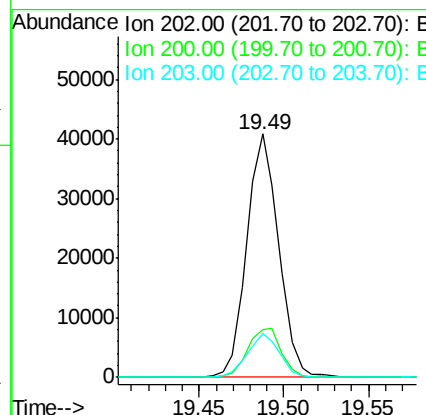
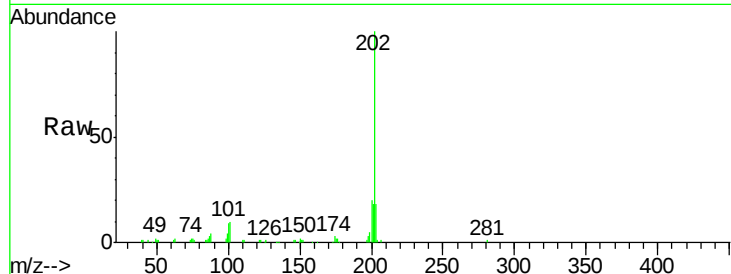




#77
 Pyrene
 Concen: 3.35 ng
 RT: 19.49 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

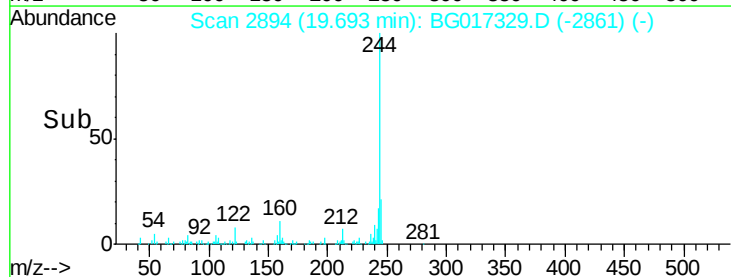
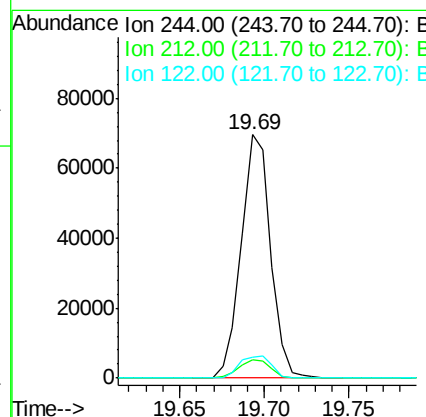
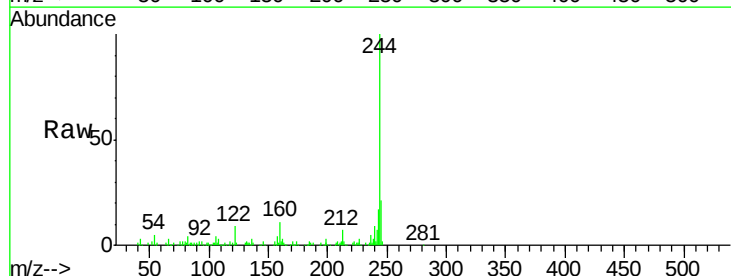
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

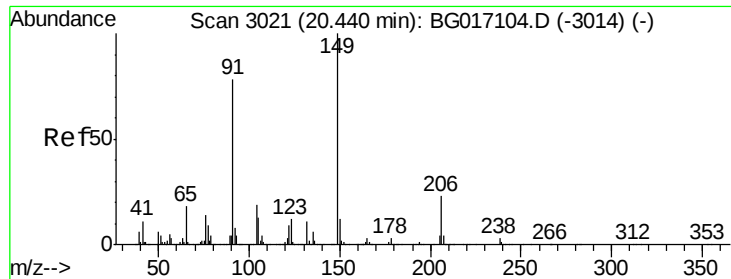
Tgt Ion:	202	Resp:	53742
Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.8
203	17.9	14.4	21.6



#78
 Terphenyl-d14
 Concen: 6.68 ng
 RT: 19.69 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:	244	Resp:	83963
Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.0	10.4
122	8.7	8.4	12.6

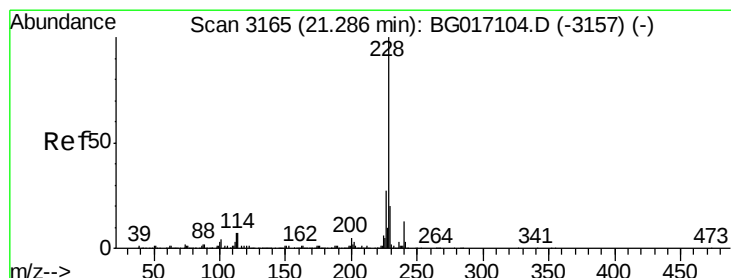
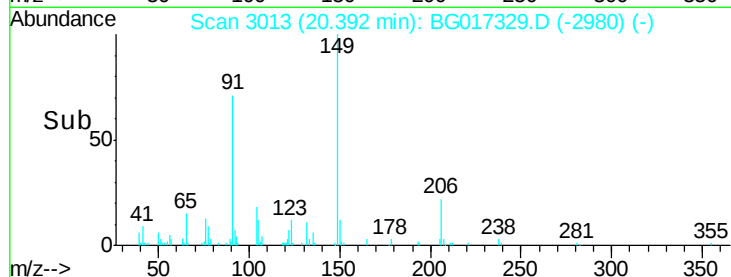
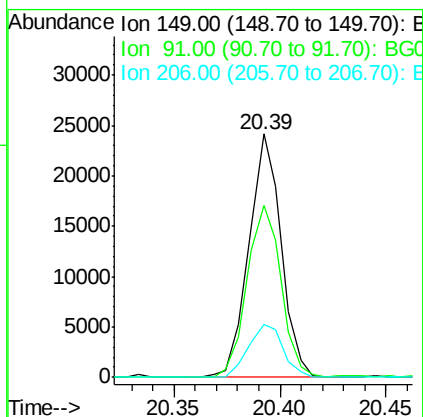
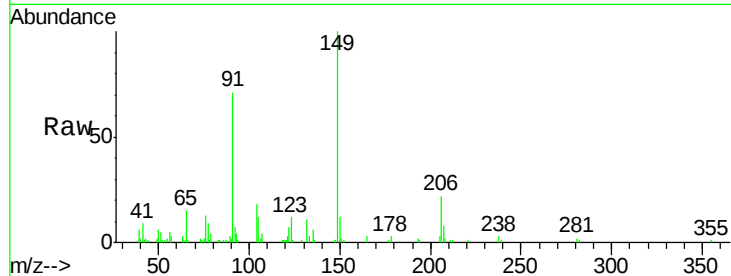




#79
Butylbenzylphthalate
Concen: 3.50 ng
RT: 20.39 min Scan# 3013
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

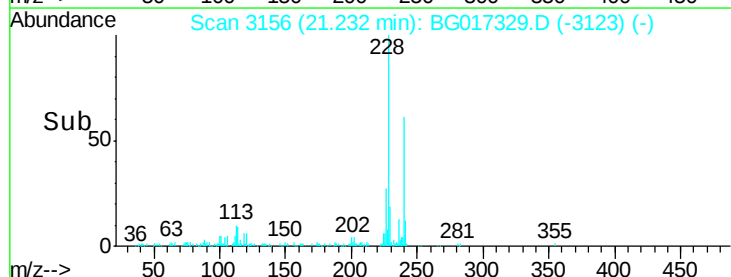
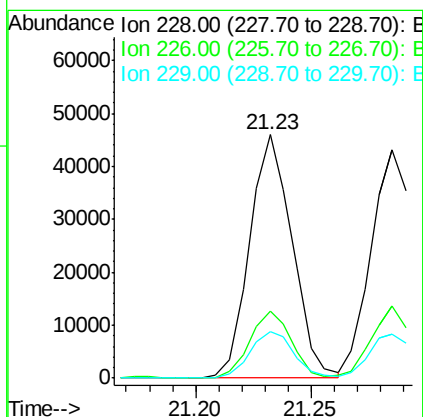
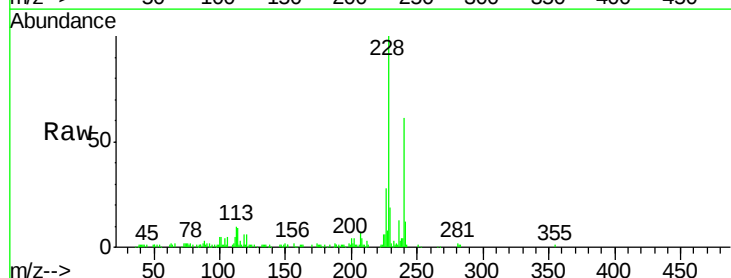
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

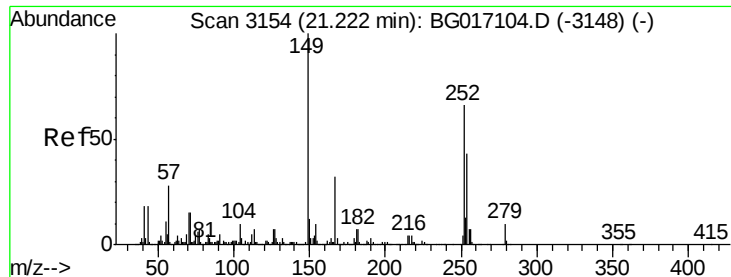
Tgt Ion:149 Resp: 25582
Ion Ratio Lower Upper
149 100
91 70.7 62.0 93.0
206 21.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 3.93 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:228 Resp: 58978
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.2 16.1 24.1

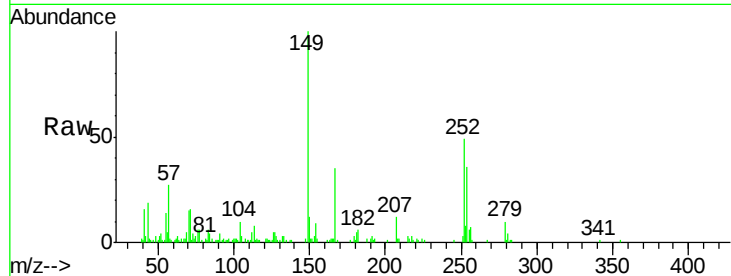




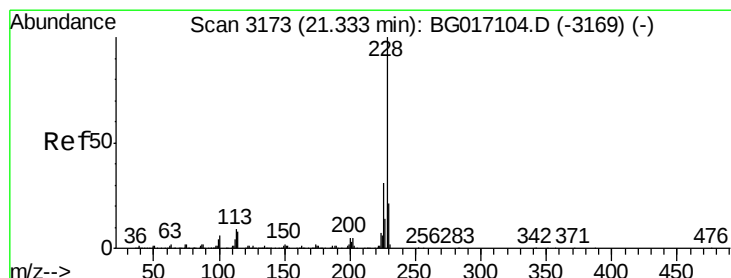
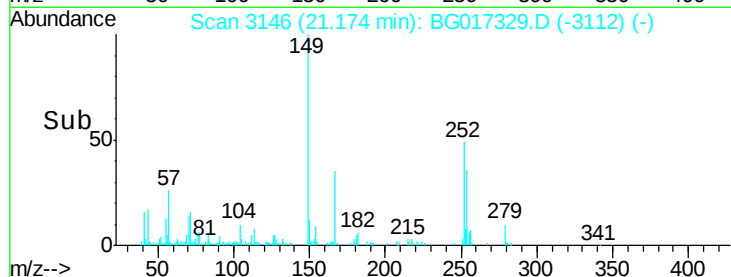
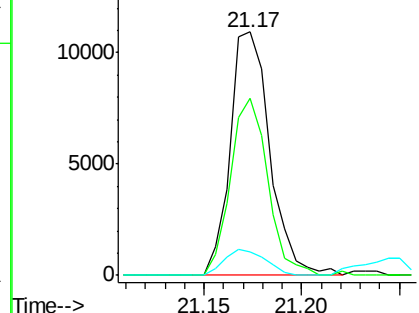
#81
 3,3'-Dichlorobenzidine
 Concen: 2.65 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

Tgt Ion:252 Resp: 15395
 Ion Ratio Lower Upper
 252 100
 254 72.7 52.1 78.1
 126 9.8 8.8 13.2

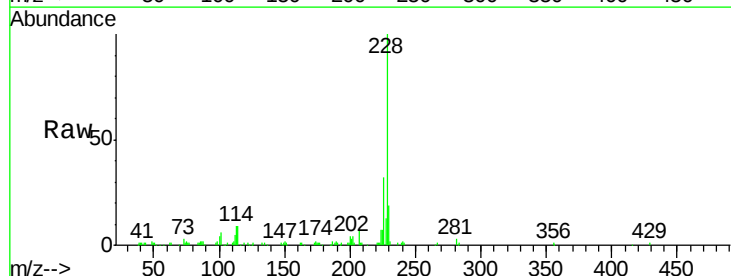


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

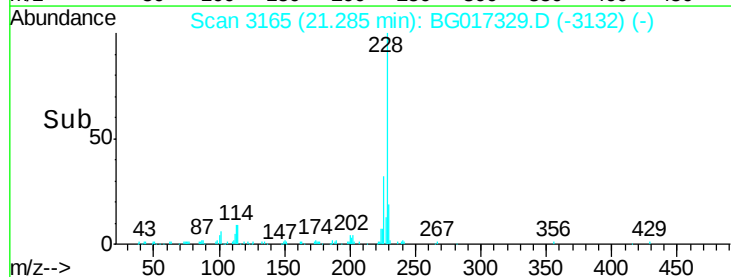
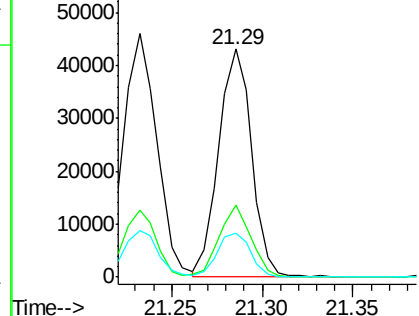


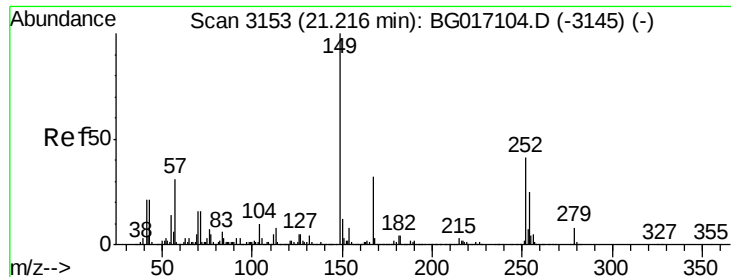
#82
 Chrysene
 Concen: 3.90 ng
 RT: 21.29 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:228 Resp: 54553
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.8 37.2
 229 19.3 17.0 25.6



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

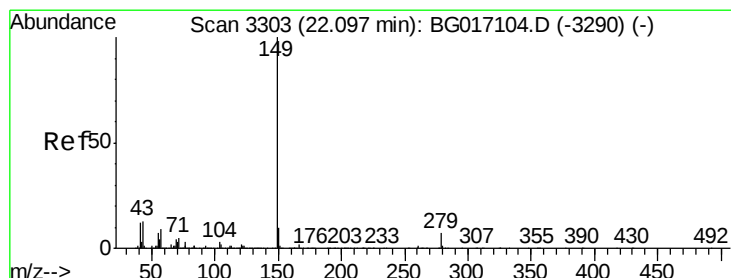
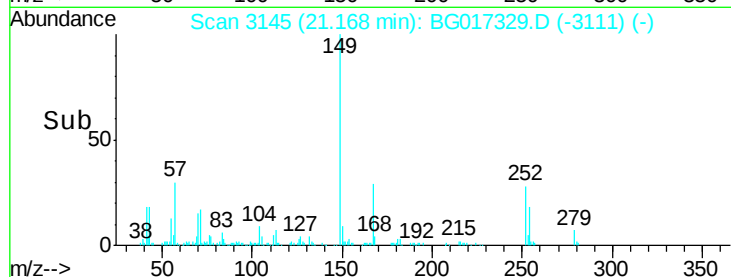
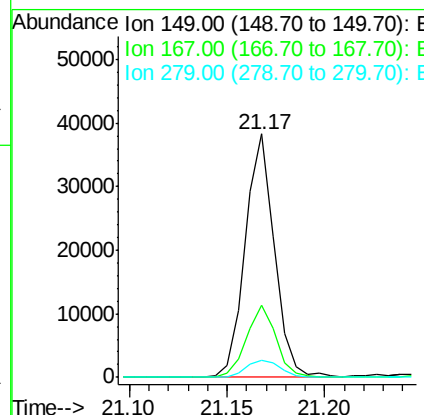
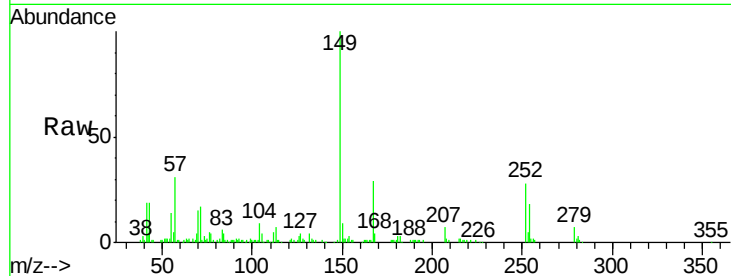




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.81 ng
 RT: 21.17 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

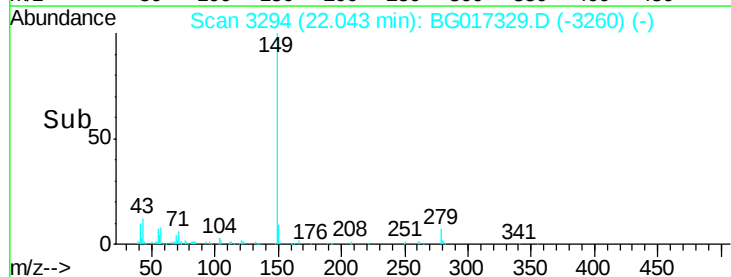
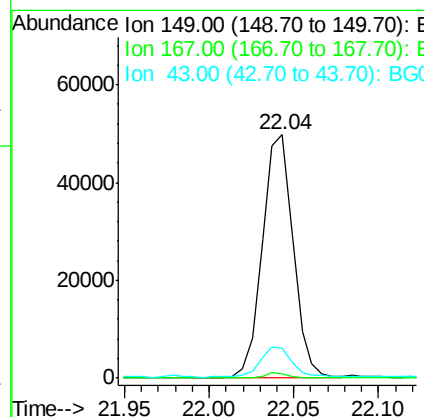
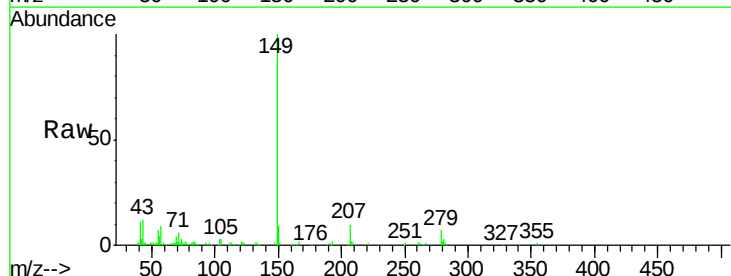
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BSD

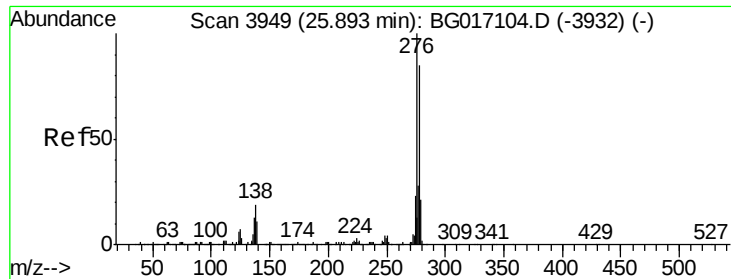
Tgt Ion:149 Resp: 39598
 Ion Ratio Lower Upper
 149 100
 167 29.5 25.4 38.2
 279 7.1 6.8 10.2



#84
 Di-n-octyl phthalate
 Concen: 3.67 ng
 RT: 22.04 min Scan# 3294
 Delta R.T. -0.00 min
 Lab File: BG017329.D
 Acq: 28 May 2015 17:26

Tgt Ion:149 Resp: 63416
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 13.1 10.9 16.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.66 ng

RT: 25.76 min Scan# 3927

Delta R.T. -0.02 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

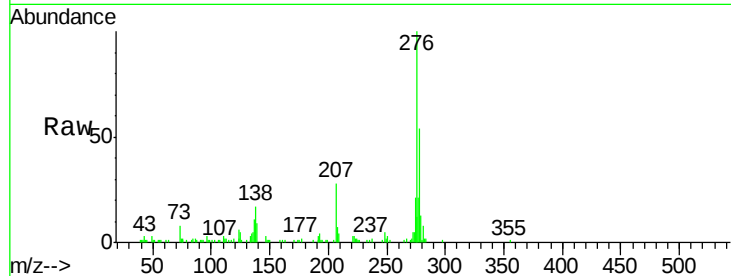
Tgt Ion:276 Resp: 61124

Ion Ratio Lower Upper

276 100

138 21.4 16.0 24.0

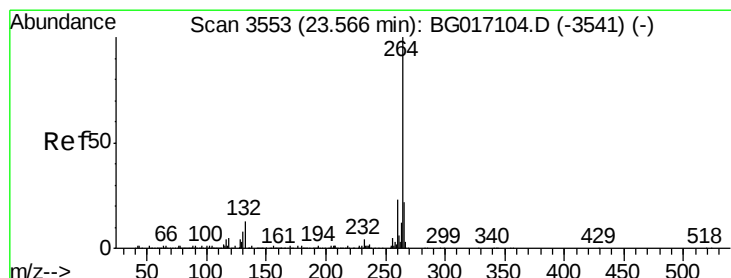
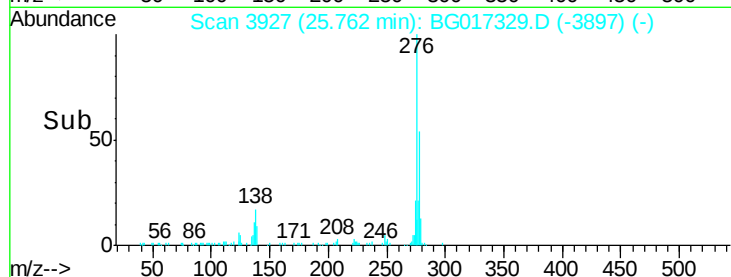
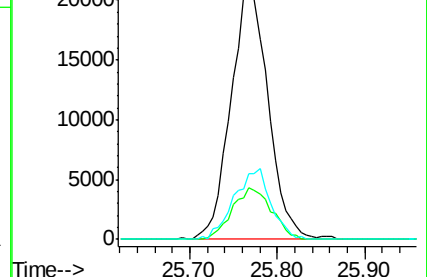
277 27.3 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.49 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

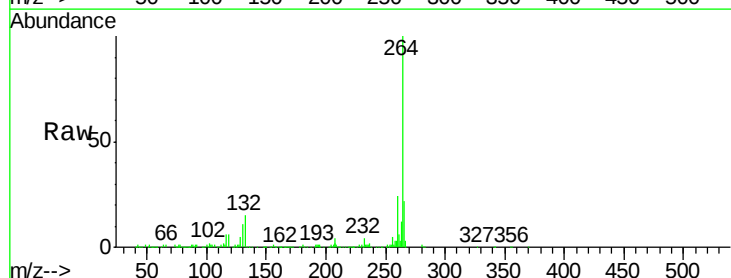
Tgt Ion:264 Resp: 255579

Ion Ratio Lower Upper

264 100

260 23.8 18.0 27.0

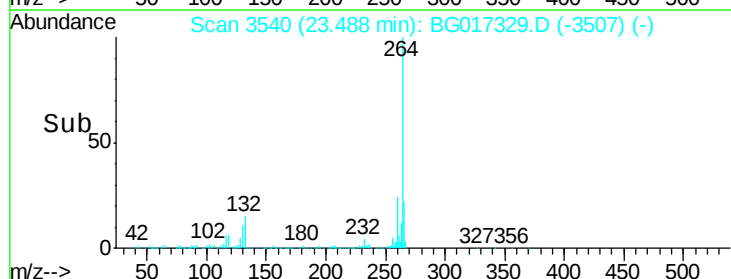
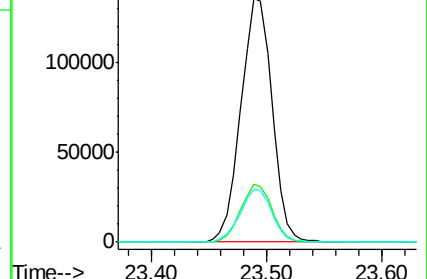
265 21.9 17.4 26.0

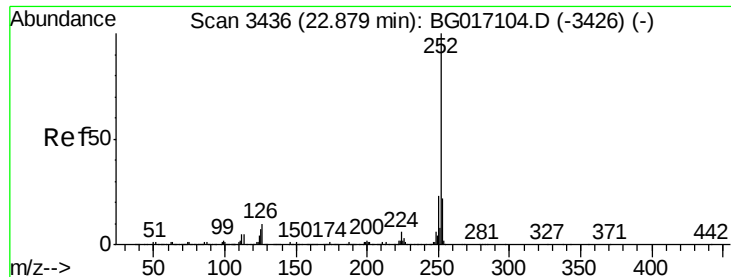


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

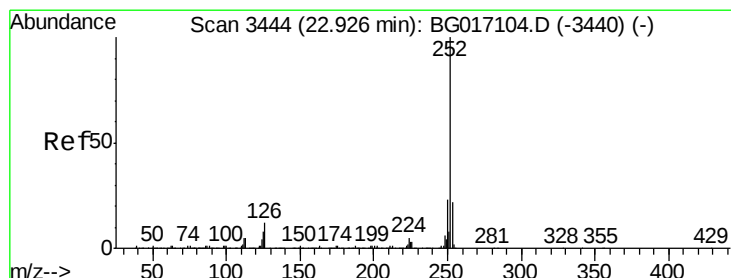
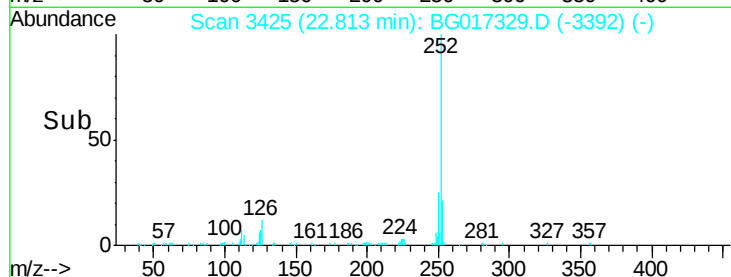
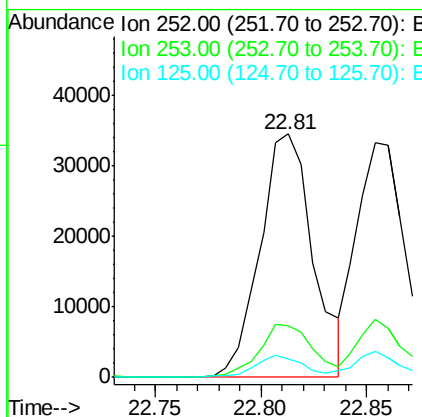
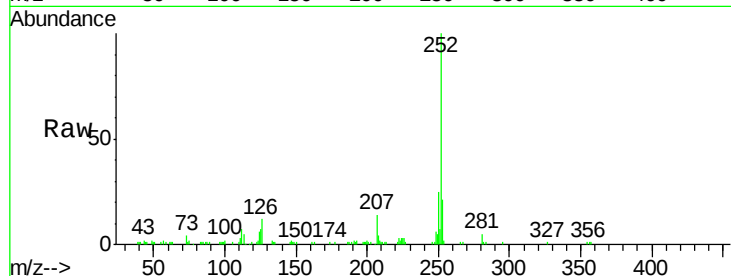




#87
Benzo(b)fluoranthene
Concen: 4.03 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

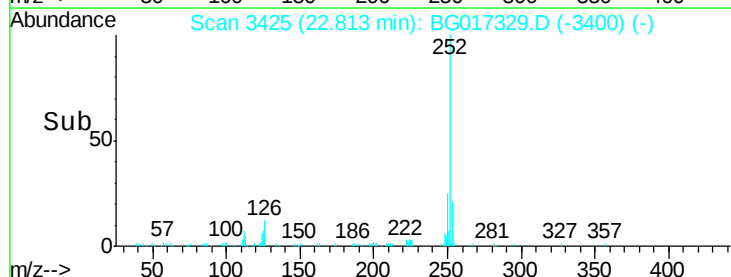
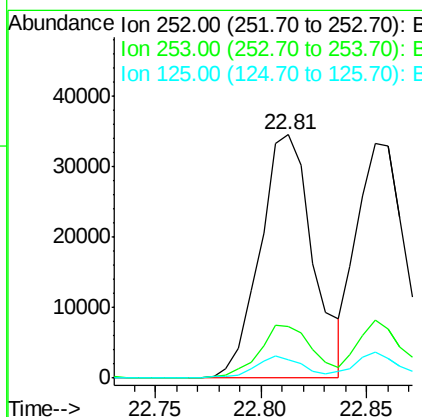
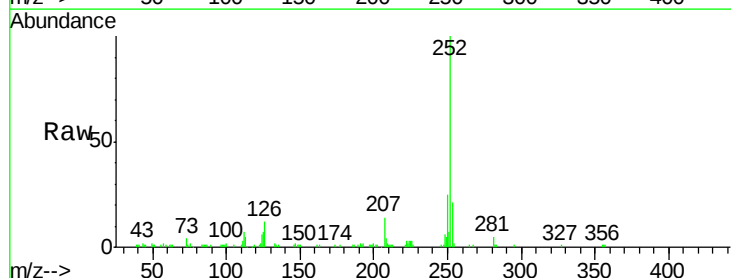
Instrument :
BNA_G
ClientSampleId :
PB83579BSD

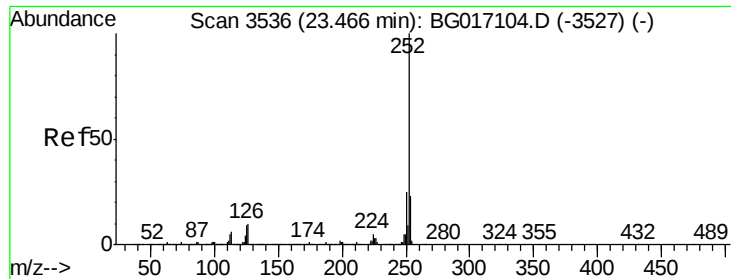
Tgt Ion:252 Resp: 60096
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 7.5 5.9 8.9



#88
Benzo(k)fluoranthene
Concen: 4.25 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.05 min
Lab File: BG017329.D
Acq: 28 May 2015 17:26

Tgt Ion:252 Resp: 60096
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 7.5 6.4 9.6





#89

Benzo(a)pyrene

Concen: 4.01 ng

RT: 23.39 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

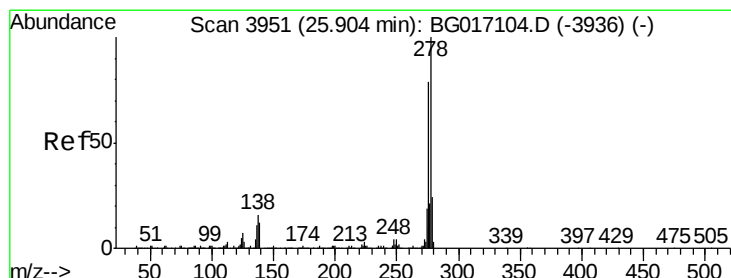
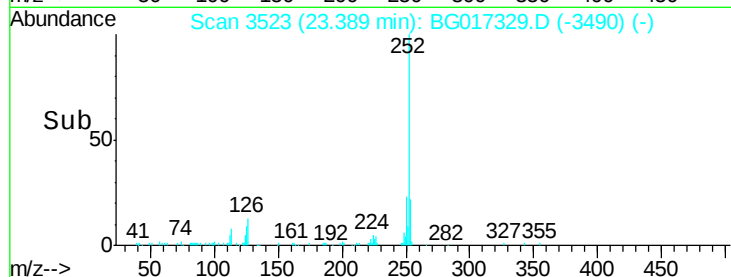
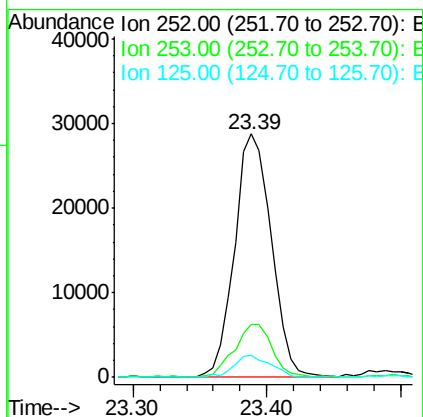
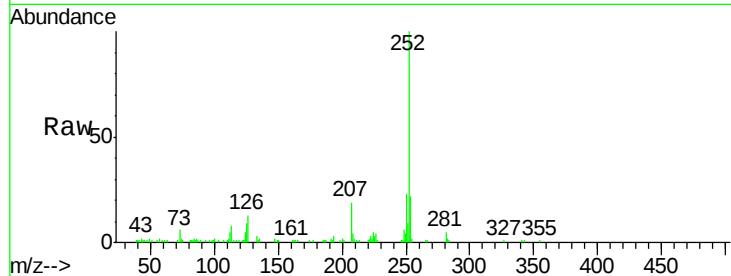
Instrument :

BNA_G

ClientSampleId :

PB83579BSD

Tgt Ion:	252	Resp:	54898
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	9.1	7.2	10.8



#90

Dibenzo(a,h)anthracene

Concen: 3.74 ng

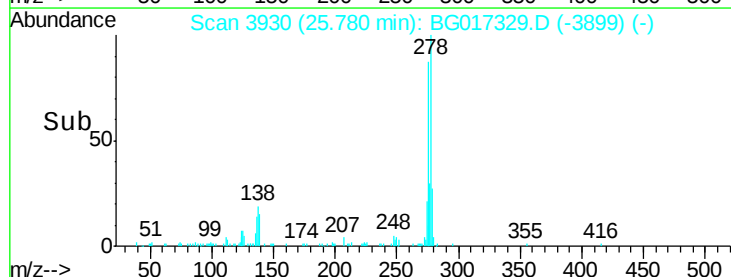
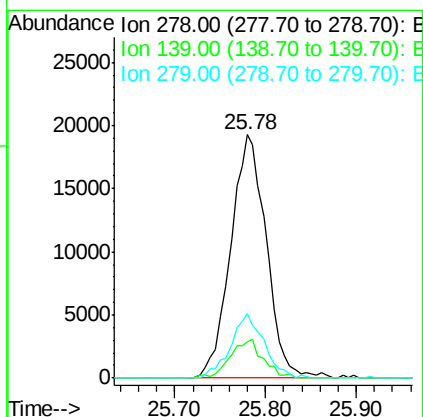
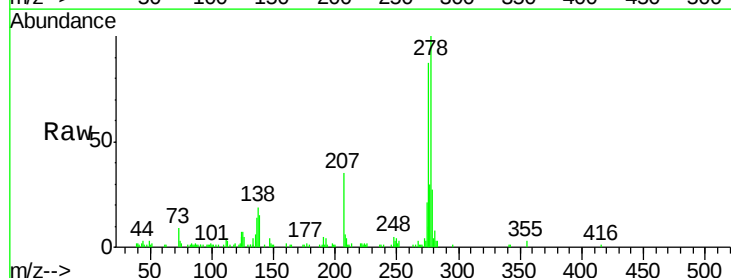
RT: 25.78 min Scan# 3930

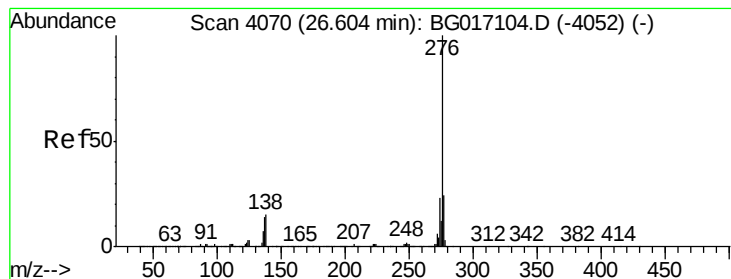
Delta R.T. -0.02 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Tgt Ion:	278	Resp:	52474
Ion	Ratio	Lower	Upper
278	100		
139	15.1	9.4	14.2#
279	26.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 3.85 ng

RT: 26.48 min Scan# 4049

Delta R.T. -0.01 min

Lab File: BG017329.D

Acq: 28 May 2015 17:26

Instrument :

BNA_G

ClientSampleId :

PB83579BSD

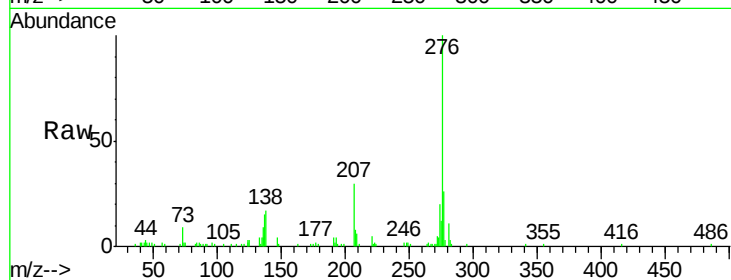
Tgt Ion: 276 Resp: 50927

Ion Ratio Lower Upper

276 100

277 26.0 18.9 28.3

138 17.0 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

