

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017328.D
 Acq On : 28 May 2015 16:51
 Operator : TP/IZ
 Sample : PB83579BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

Quant Time: May 29 01:13:09 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	31646	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	135579	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	87328	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	215292	20.00	ng	0.00
75) Chrysene-d12	21.25	240	275258	20.00	ng	0.00
86) Perylene-d12	23.49	264	270954	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	23255	13.04	ng	0.00
7) Phenol-d6	6.86	99	31208	12.47	ng	0.00
23) Nitrobenzene-d5	8.82	82	20592	7.09	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	12353	11.70	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	44519	7.48	ng	0.00
78) Terphenyl-d14	19.70	244	88573	6.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	3151	4.48	ng	# 75
3) Pyridine	3.52	79	7339	3.45	ng	86
4) n-Nitrosodimethylamine	3.44	42	5986	3.70	ng	# 93
6) Aniline	6.99	93	9432	2.72	ng	# 89
8) 2-Chlorophenol	7.23	128	8171	3.83	ng	92
10) Phenol	6.88	94	10392	3.91	ng	97
11) bis(2-Chloroethyl)ether	7.08	93	7770	3.90	ng	94
12) 1,3-Dichlorobenzene	7.55	146	8718	3.66	ng	# 92
13) 1,4-Dichlorobenzene	7.69	146	9115	3.79	ng	94
14) 1,2-Dichlorobenzene	8.00	146	8849	3.85	ng	94
15) Benzyl Alcohol	7.90	79	7959	3.27	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.20	45	13522	4.19	ng	93
17) 2-Methylphenol	8.12	107	6883	3.58	ng	94
18) Hexachloroethane	8.73	117	3690	3.67	ng	89
19) n-Nitroso-di-n-propylamine	8.46	70	7236	3.32	ng	# 82
20) 3+4-Methylphenols	8.46	107	9624	3.60	ng	# 80
22) Acetophenone	8.47	105	12003	3.65	ng	# 95
24) Nitrobenzene	8.86	77	10924	3.84	ng	97
25) Isophorone	9.37	82	17227	3.22	ng	99
26) 2-Nitrophenol	9.57	139	4314	3.40	ng	98
27) 2,4-Dimethylphenol	9.64	122	8314	3.98	ng	85
28) bis(2-Chloroethoxy)methane	9.87	93	9196	3.53	ng	95
29) 2,4-Dichlorophenol	10.13	162	7470	3.79	ng	94
30) 1,2,4-Trichlorobenzene	10.31	180	8148	3.64	ng	99
31) Naphthalene	10.50	128	24118	3.64	ng	97
33) 4-Chloroaniline	10.63	127	8687	2.77	ng	# 93
34) Hexachlorobutadiene	10.78	225	5409	3.82	ng	87
35) Caprolactam	11.37	113	3496	3.53	ng	91
36) 4-Chloro-3-methylphenol	11.77	107	9760	3.92	ng	# 97
37) 2-Methylnaphthalene	12.12	142	18789	3.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	9484	3.84	ng	99
40) Hexachlorocyclopentadiene	12.47	237	5724	3.80	ng	90
42) 2,4,6-Trichlorophenol	12.75	196	5782	3.30	ng	100
43) 2,4,5-Trichlorophenol	12.83	196	7015	3.88	ng	93

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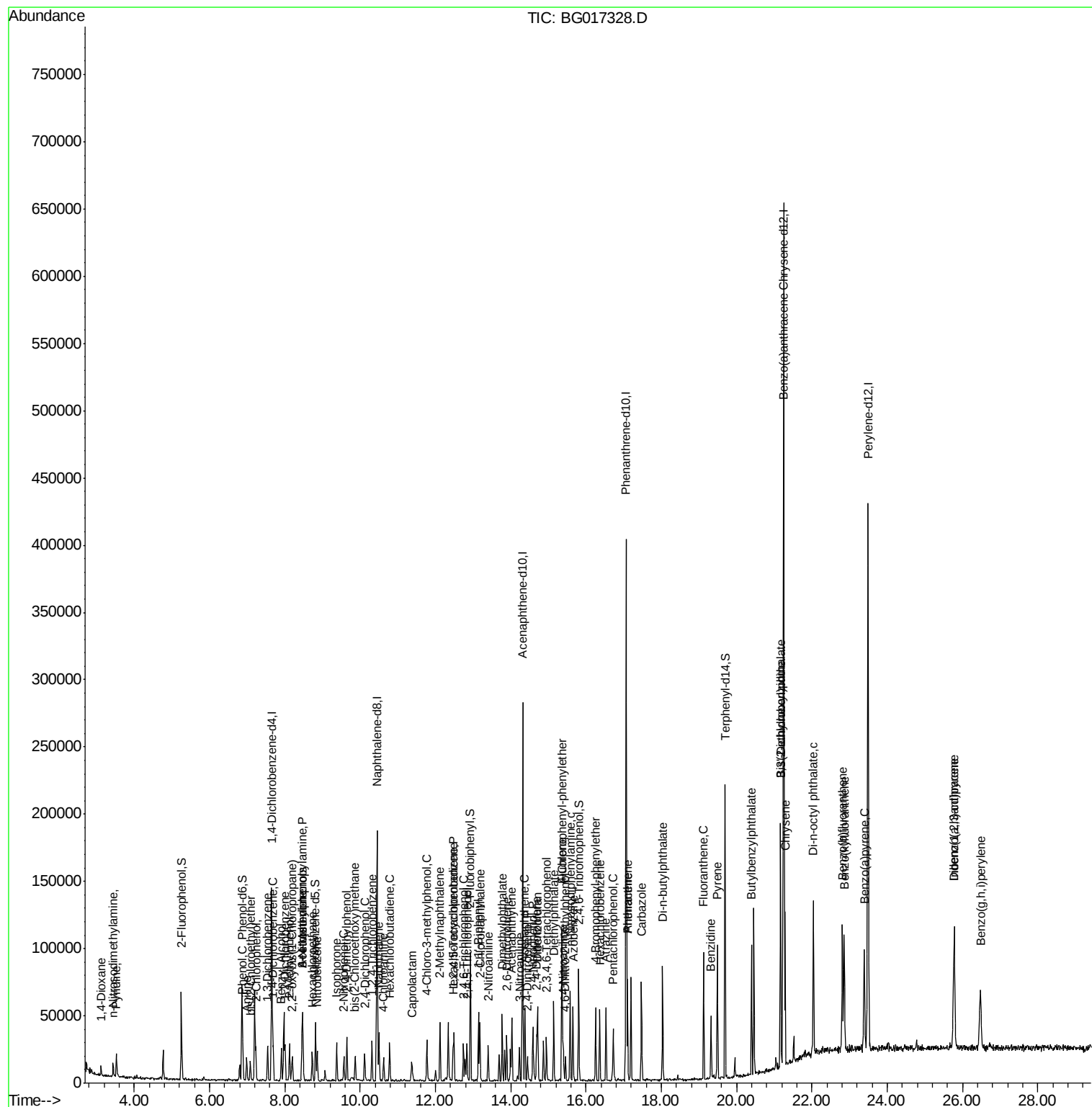
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.14	154	24165	3.84	ng	96
46) 2-Chloronaphthalene	13.18	162	18845	3.78	ng #	85
47) 2-Nitroaniline	13.40	65	7012	3.62	ng	87
48) Acenaphthylene	14.03	152	30307	3.55	ng #	95
49) Dimethylphthalate	13.77	163	25139	3.68	ng #	94
50) 2,6-Dinitrotoluene	13.90	165	5660	3.74	ng	96
51) Acenaphthene	14.38	154	19075	3.79	ng	97
52) 3-Nitroaniline	14.23	138	4642	2.77	ng #	67
53) 2,4-Dinitrophenol	14.44	184	4334	4.93	ng #	82
54) Dibenzofuran	14.71	168	29060	3.88	ng	96
55) 4-Nitrophenol	14.59	139	8712	6.44	ng #	78
56) 2,4-Dinitrotoluene	14.69	165	7354	3.48	ng #	96
57) Fluorene	15.37	166	26035	3.93	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	5843	3.53	ng #	95
59) Diethylphthalate	15.14	149	27529	3.75	ng	93
60) 4-Chlorophenyl-phenylether	15.36	204	13491	3.96	ng	93
61) 4-Nitroaniline	15.39	138	6676	3.56	ng	98
62) Azobenzene	15.65	77	28940	4.13	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	4020	2.72	ng	90
65) n-Nitrosodiphenylamine	15.58	169	22466	3.40	ng	97
66) 4-Bromophenyl-phenylether	16.25	248	8223	3.50	ng	85
67) Hexachlorobenzene	16.37	284	8948	3.61	ng	91
68) Atrazine	16.53	200	9032	3.74	ng	95
69) Pentachlorophenol	16.72	266	8027	5.19	ng	94
70) Phenanthrene	17.11	178	40599	3.66	ng	98
71) Anthracene	17.11	178	40599	3.61	ng	98
72) Carbazole	17.47	167	41052	3.97	ng	94
73) Di-n-butylphthalate	18.03	149	53465	3.86	ng	98
74) Fluoranthene	19.13	202	54024	4.05	ng	98
76) Benzidine	19.32	184	26795	2.98	ng	96
77) Pyrene	19.49	202	56169	3.33	ng	99
79) Butylbenzylphthalate	20.39	149	26320	3.43	ng	95
80) Benzo(a)anthracene	21.24	228	58872	3.73	ng	96
81) 3,3'-Dichlorobenzidine	21.17	252	15389	2.52	ng	95
82) Chrysene	21.28	228	55097	3.75	ng	97
83) Bis(2-ethylhexyl)phthalate	21.17	149	40751	3.73	ng #	95
84) Di-n-octyl phthalate	22.04	149	63848	3.51	ng	99
85) Indeno(1,2,3-cd)pyrene	25.77	276	63222	3.60	ng	98
87) Benzo(b)fluoranthene	22.81	252	55986	3.54	ng	98
88) Benzo(k)fluoranthene	22.86	252	56054	3.74	ng	97
89) Benzo(a)pyrene	23.39	252	53398	3.68	ng	93
90) Dibenzo(a,h)anthracene	25.78	278	54004	3.63	ng	98
91) Benzo(g,h,i)perylene	26.48	276	51775	3.69	ng	98

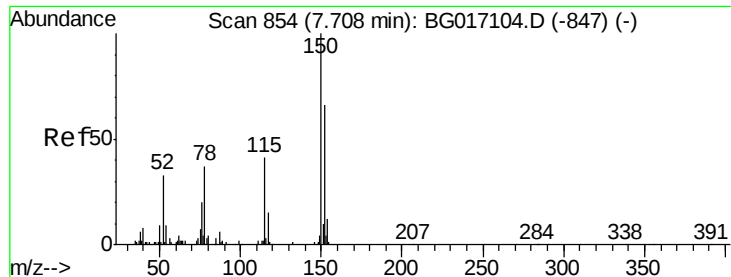
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

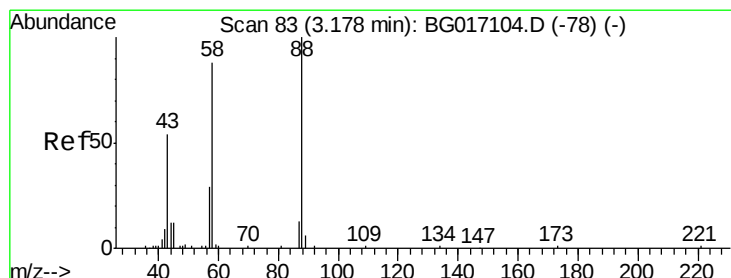
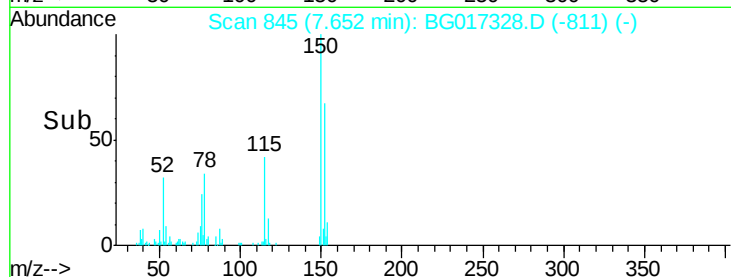
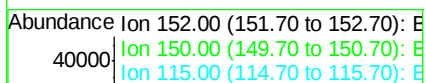
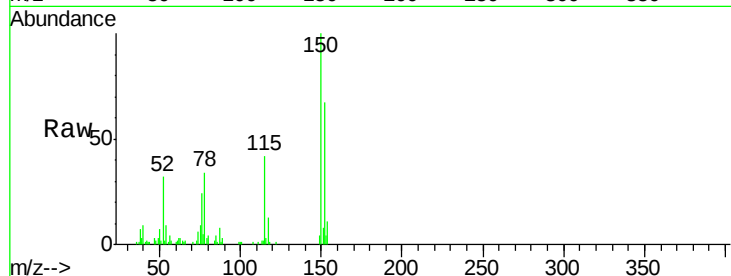
Tgt Ion:152 Resp: 31646

Ion Ratio Lower Upper

152 100

150 150.1 120.8 181.2

115 63.2 49.4 74.2



#2

1,4-Dioxane

Concen: 4.48 ng

RT: 3.12 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

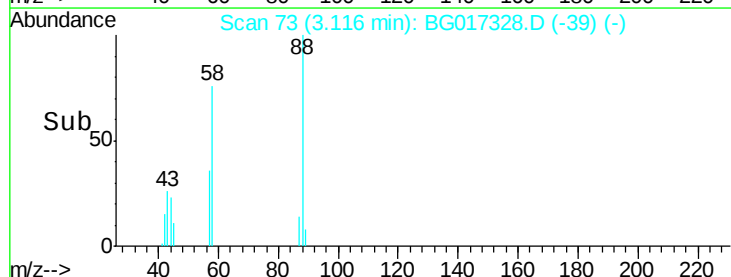
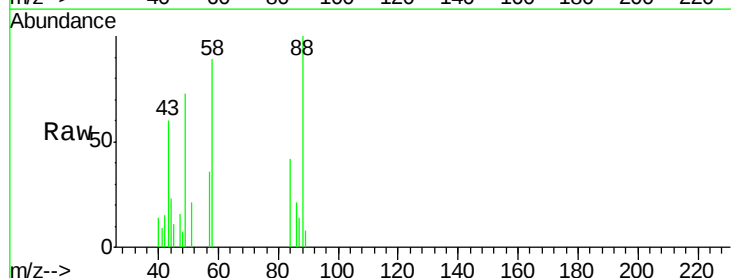
Tgt Ion: 88 Resp: 3151

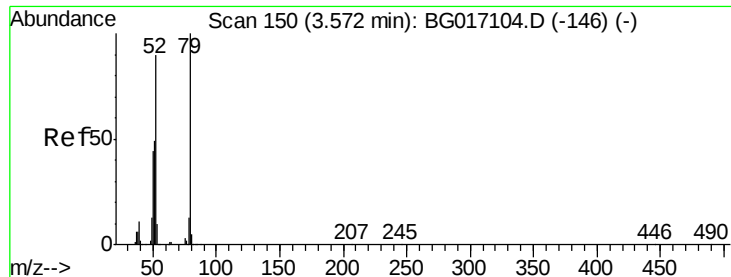
Ion Ratio Lower Upper

88 100

58 94.5 68.6 103.0

43 86.2 40.3 60.5#





#3

Pyridine

Concen: 3.45 ng

RT: 3.52 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

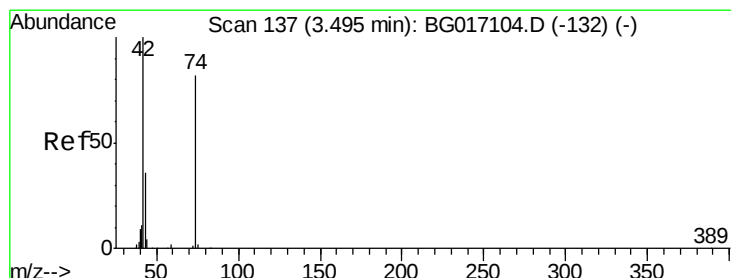
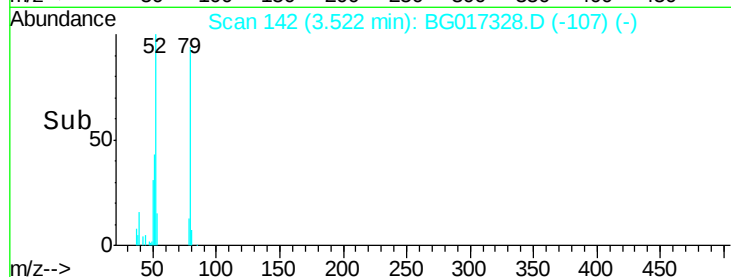
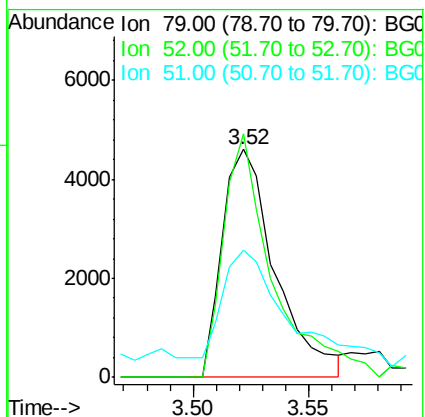
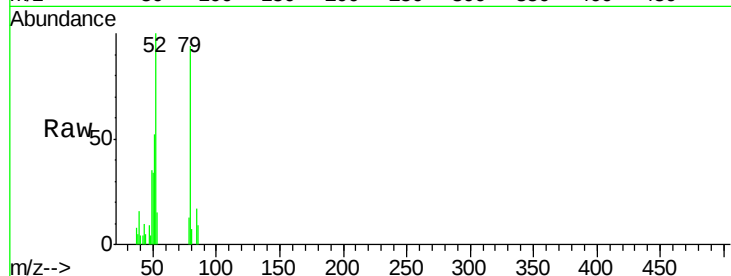
Tgt Ion: 79 Resp: 7339

Ion Ratio Lower Upper

79 100

52 106.8 72.2 108.2

51 55.7 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 3.70 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

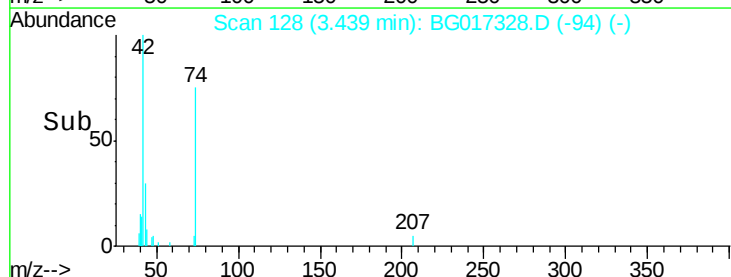
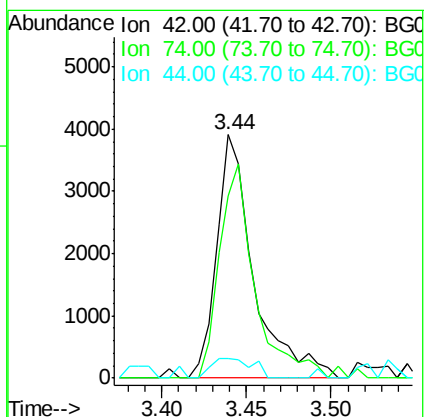
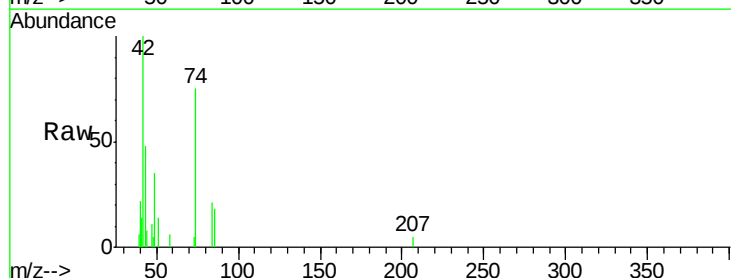
Tgt Ion: 42 Resp: 5986

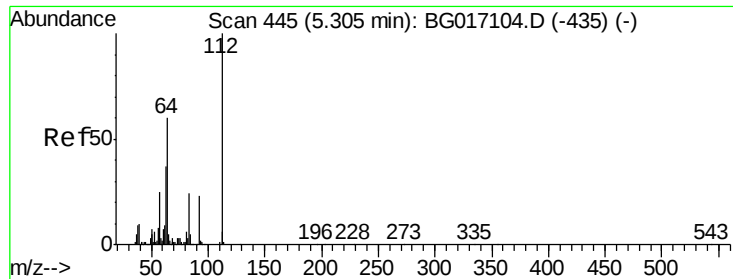
Ion Ratio Lower Upper

42 100

74 75.1 65.2 97.8

44 7.9 3.2 4.8#





#5

2-Fluorophenol

Concen: 13.04 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

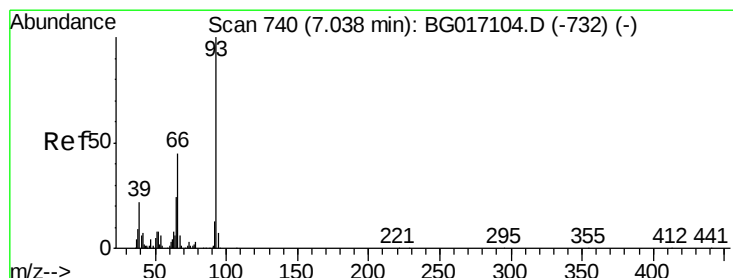
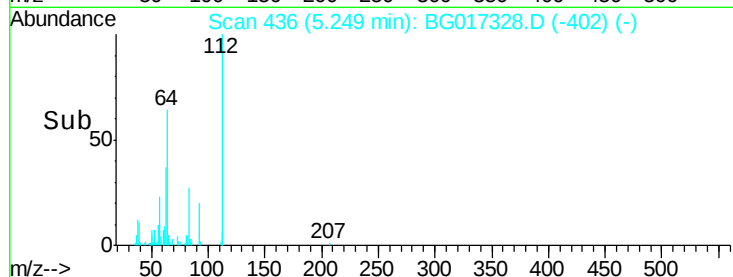
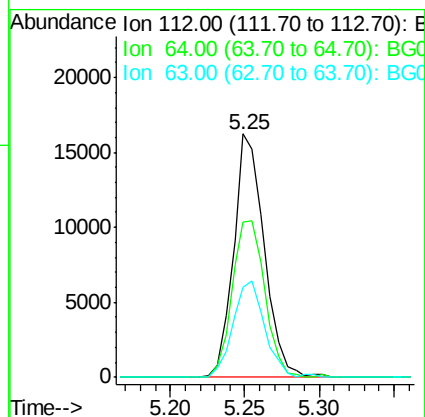
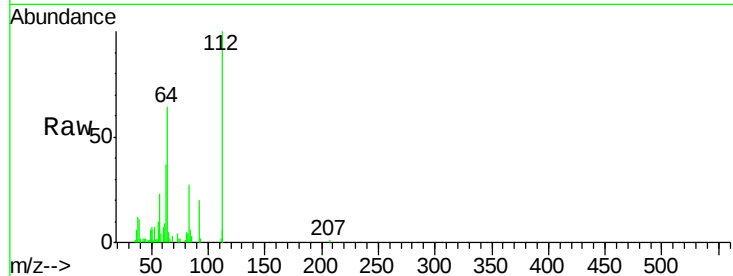
Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tgt Ion:	112	Resp:	23255
Ion	Ratio	Lower	Upper
112	100		
64	63.8	48.1	72.1
63	36.9	29.8	44.8



#6

Aniline

Concen: 2.72 ng

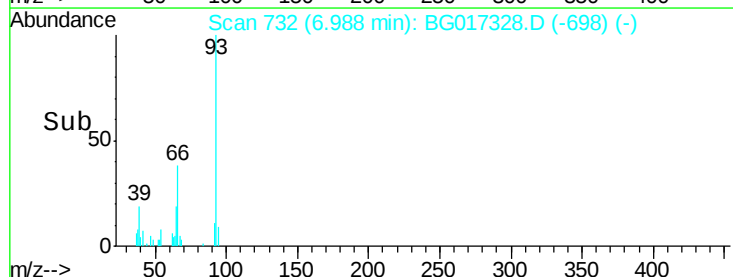
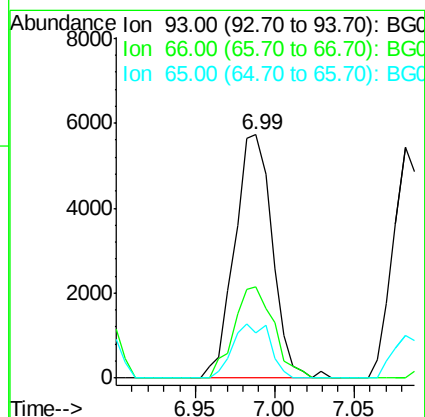
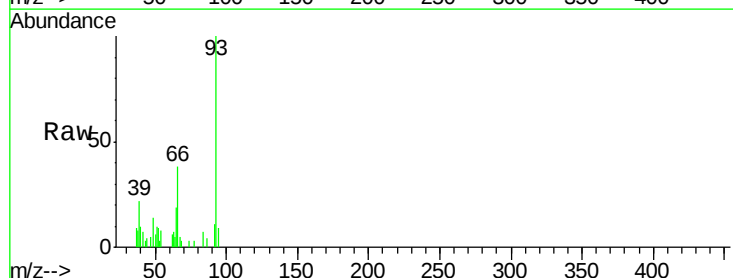
RT: 6.99 min Scan# 732

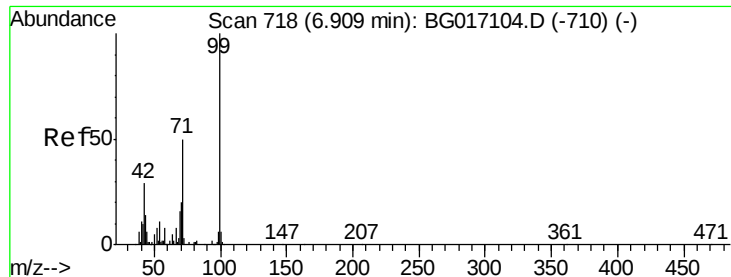
Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Tgt Ion:	93	Resp:	9432
Ion	Ratio	Lower	Upper
93	100		
66	37.6	35.8	53.8
65	18.6	19.2	28.8#





#7

Phenol-d6

Concen: 12.47 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

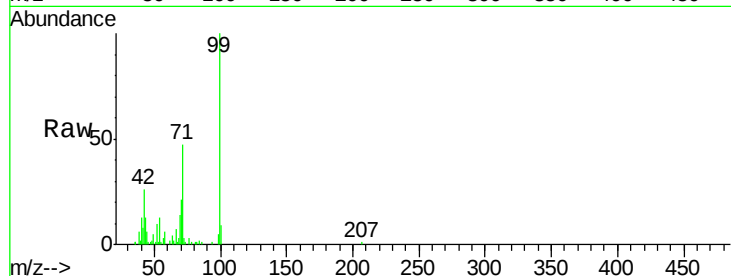
Tgt Ion: 99 Resp: 31208

Ion Ratio Lower Upper

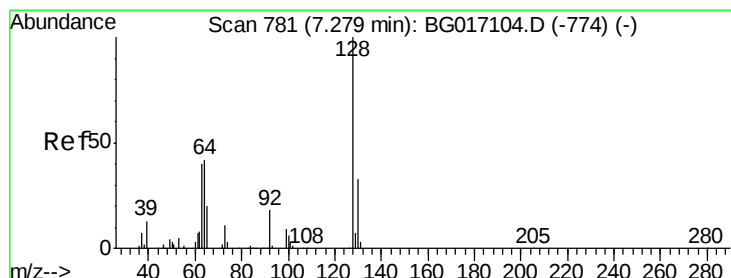
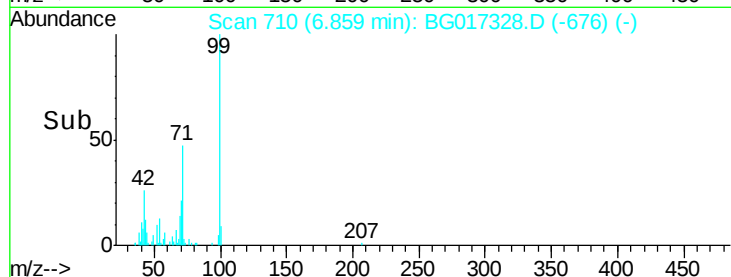
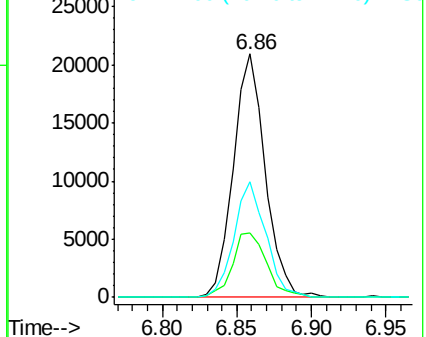
99 100

42 26.3 23.5 35.3

71 47.3 39.8 59.8



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



#8

2-Chlorophenol

Concen: 3.83 ng

RT: 7.23 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

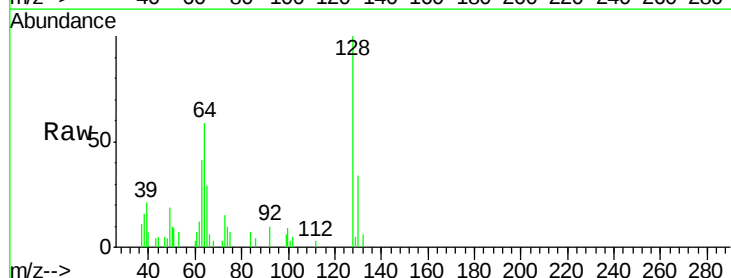
Tgt Ion: 128 Resp: 8171

Ion Ratio Lower Upper

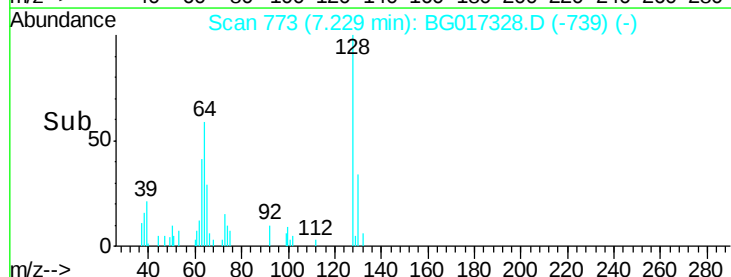
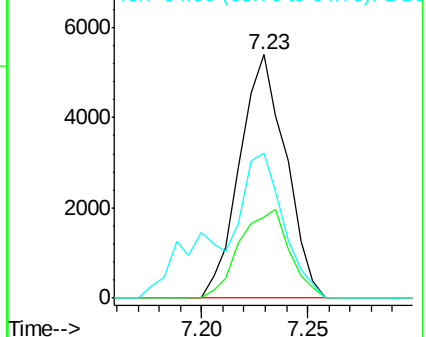
128 100

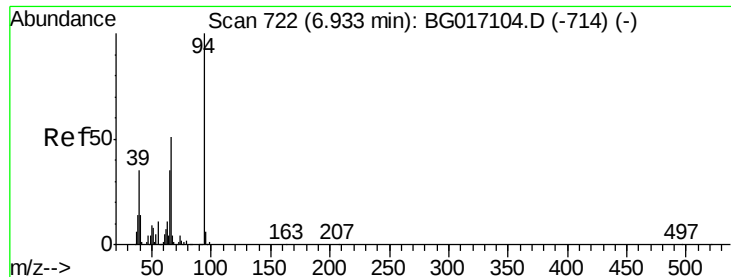
130 33.5 13.3 53.3

64 59.4 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: 3.91 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.01 min

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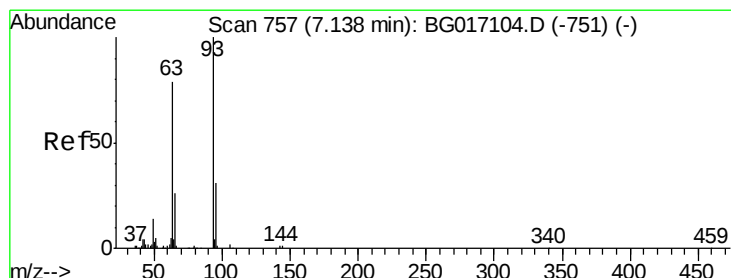
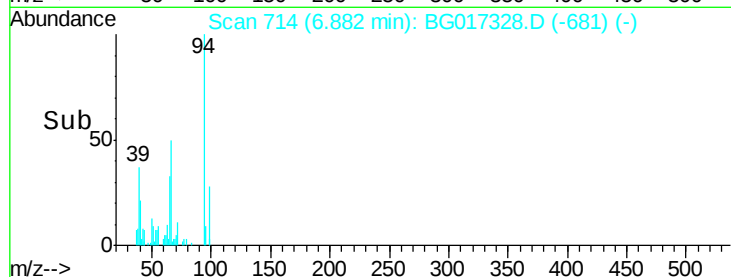
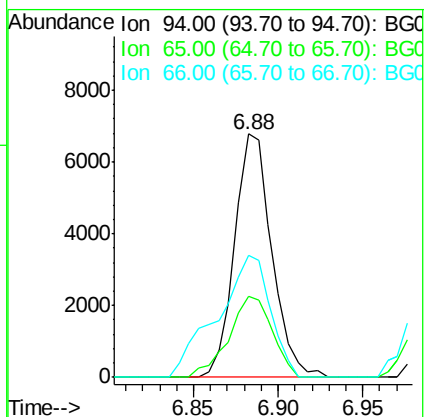
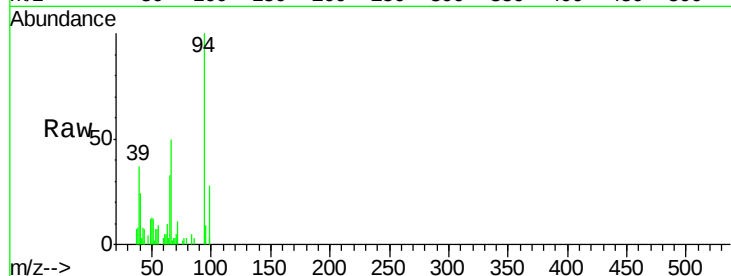
Tgt Ion: 94 Resp: 10392

Ion Ratio Lower Upper

94 100

65 33.2 15.0 55.0

66 50.3 32.1 72.1



#11

bis(2-Chloroethyl)ether

Concen: 3.90 ng

RT: 7.08 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

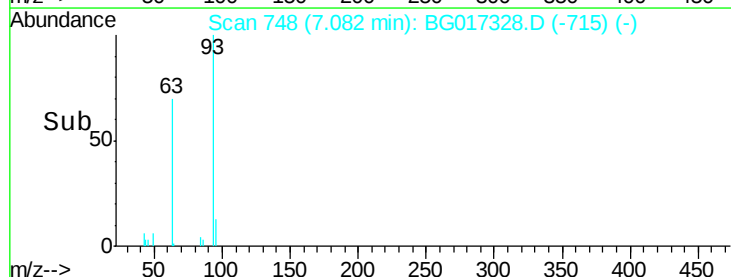
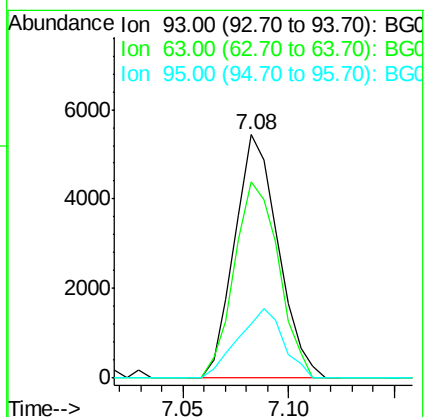
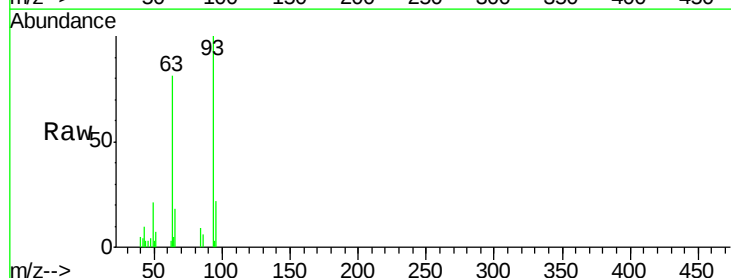
Tgt Ion: 93 Resp: 7770

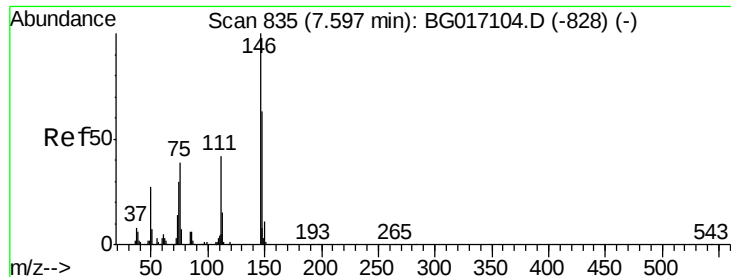
Ion Ratio Lower Upper

93 100

63 80.7 58.5 98.5

95 22.1 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 3.66 ng

RT: 7.55 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

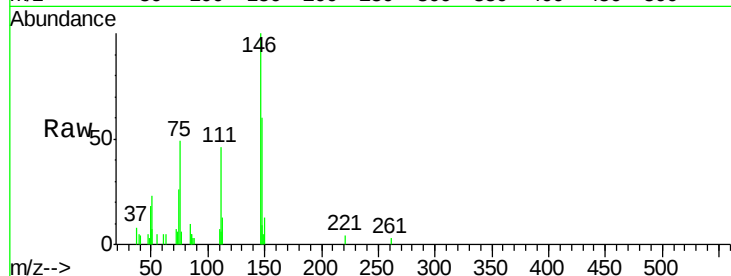
Tgt Ion:146 Resp: 8718

Ion Ratio Lower Upper

146 100

148 59.9 50.6 75.8

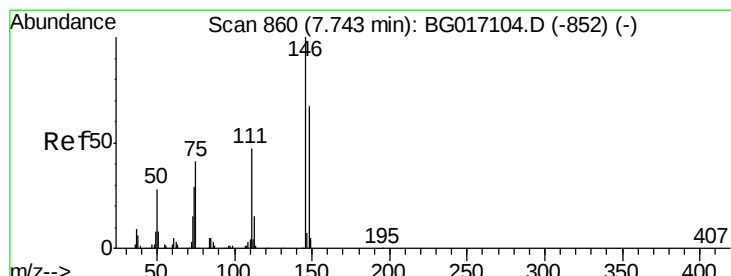
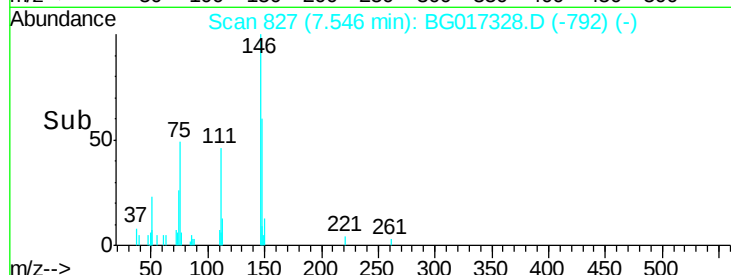
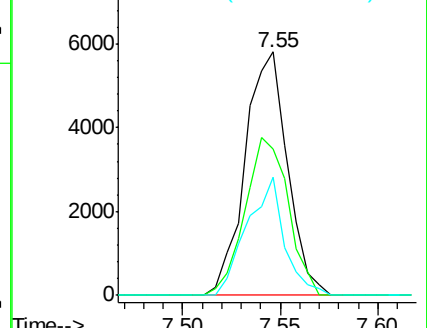
75 48.5 31.4 47.2#



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): BGC



#13

1,4-Dichlorobenzene

Concen: 3.79 ng

RT: 7.69 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

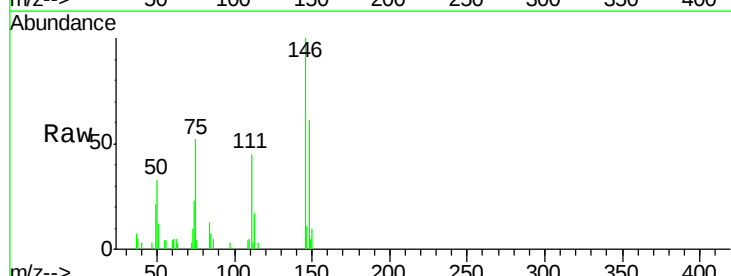
Tgt Ion:146 Resp: 9115

Ion Ratio Lower Upper

146 100

148 61.1 53.9 80.9

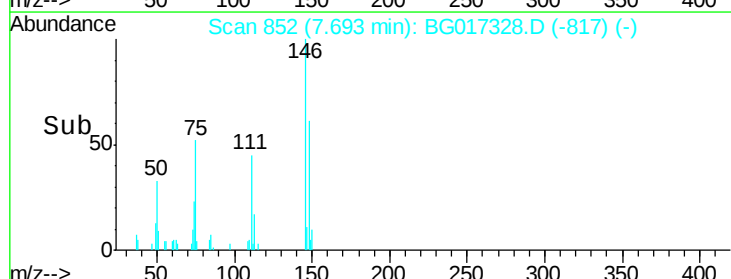
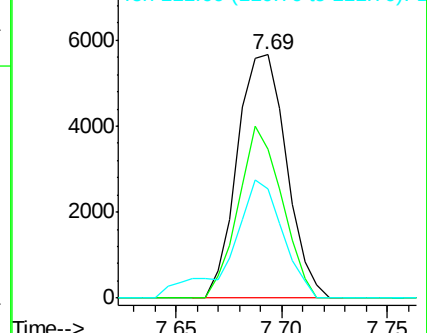
111 44.9 37.9 56.9

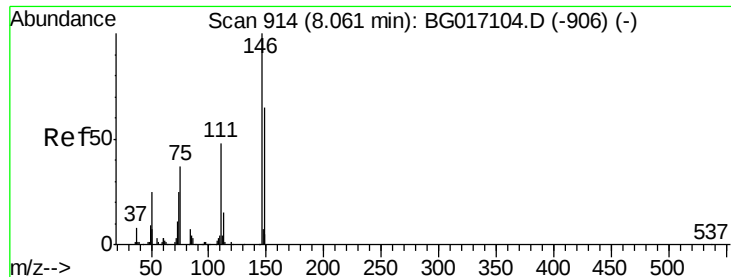


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 3.85 ng

RT: 8.00 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

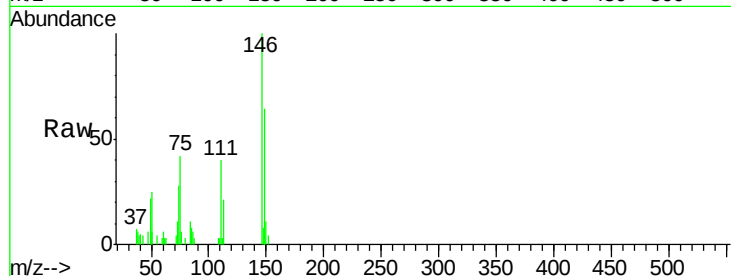
Tgt Ion:146 Resp: 8849

Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

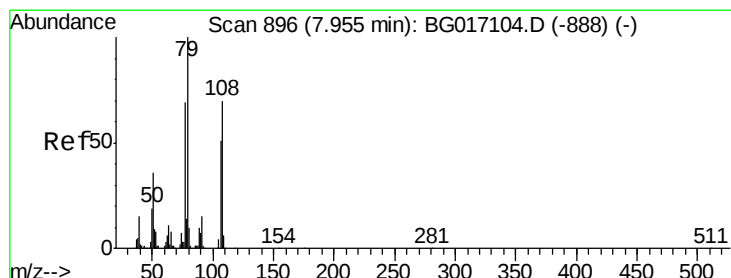
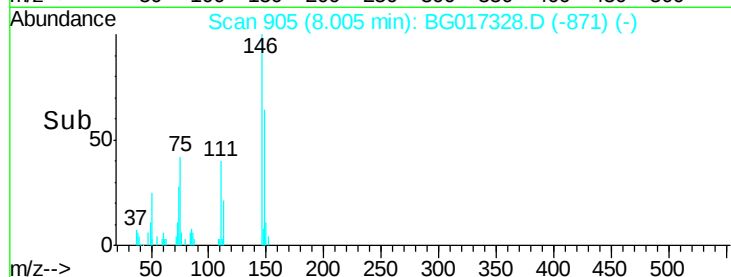
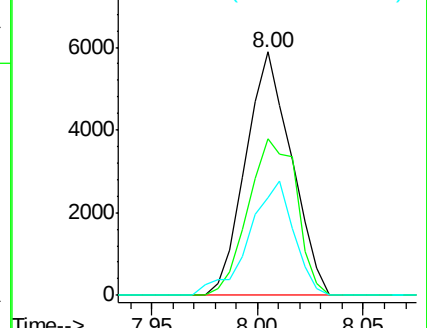
111 40.0 39.0 58.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 3.27 ng

RT: 7.90 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

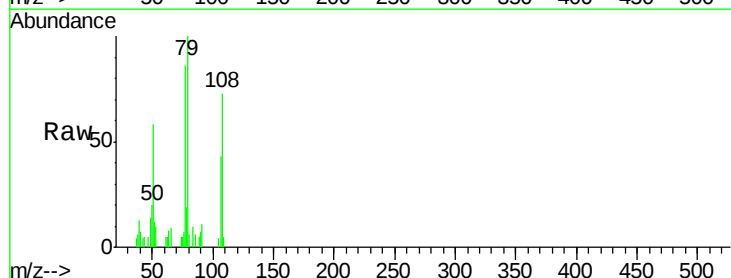
Tgt Ion: 79 Resp: 7959

Ion Ratio Lower Upper

79 100

108 73.1 55.8 83.6

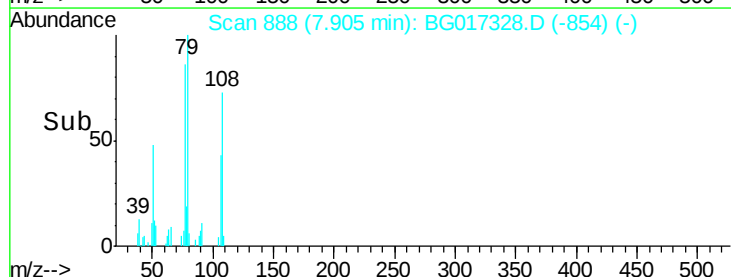
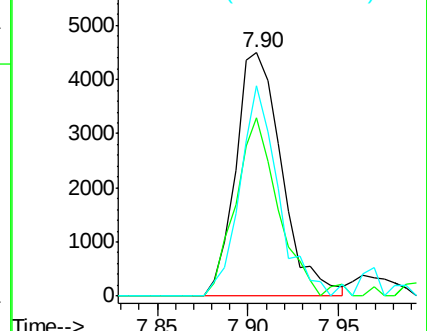
77 86.2 55.4 83.0#

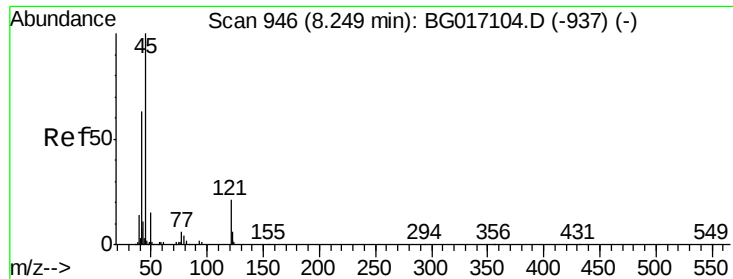


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

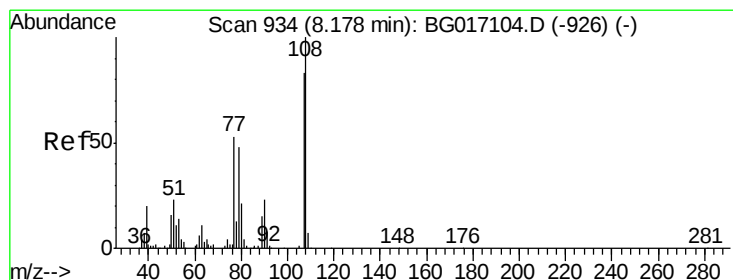
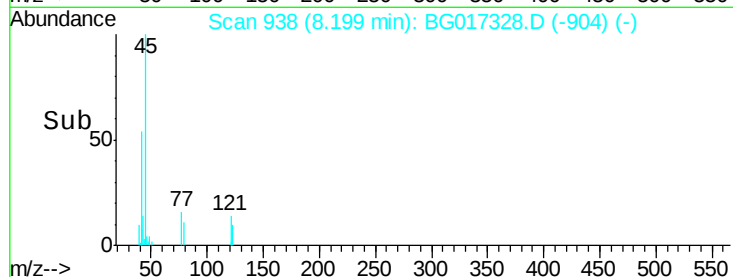
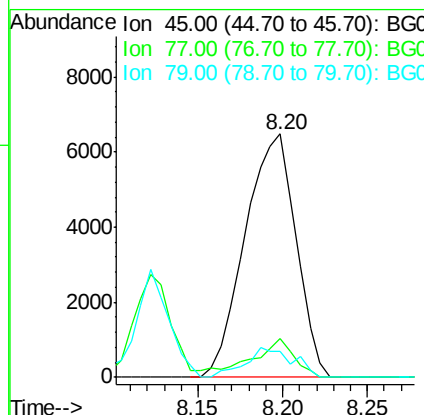
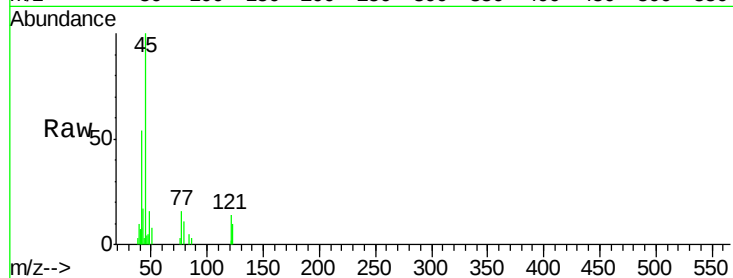




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.19 ng
 RT: 8.20 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

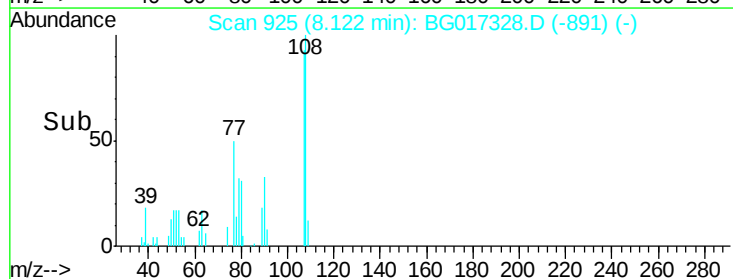
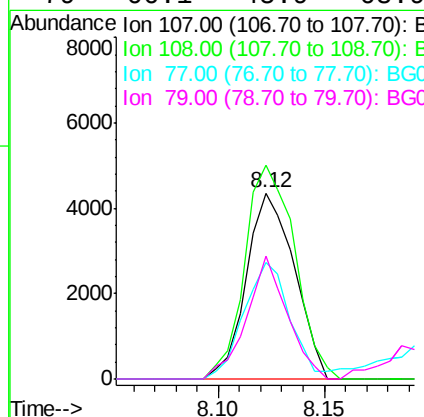
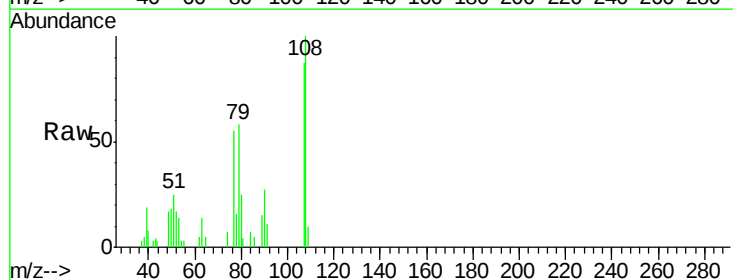
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

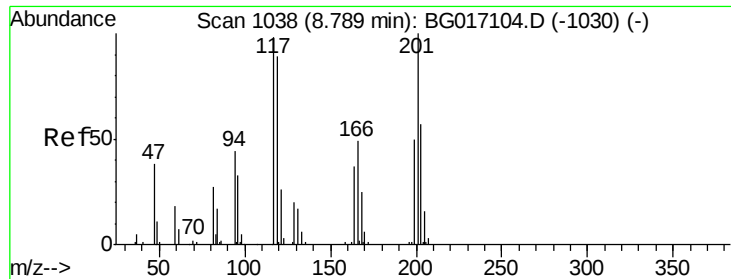
Tgt Ion: 45 Resp: 13522
 Ion Ratio Lower Upper
 45 100
 77 16.1 0.0 32.5
 79 10.9 0.0 29.4



#17
 2-Methylphenol
 Concen: 3.58 ng
 RT: 8.12 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion: 107 Resp: 6883
 Ion Ratio Lower Upper
 107 100
 108 114.8 96.6 144.8
 77 62.9 51.2 76.8
 79 66.1 45.9 68.9

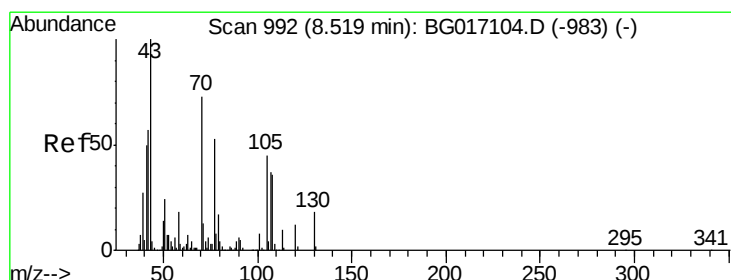
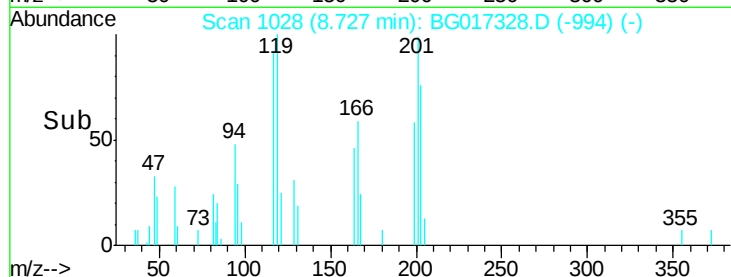
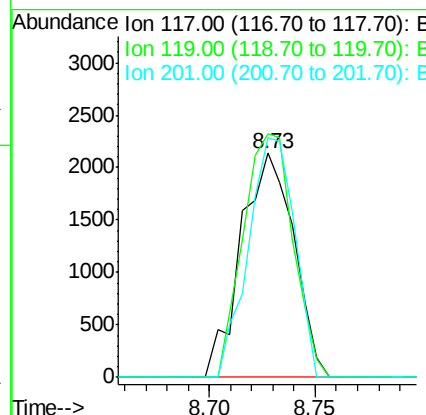
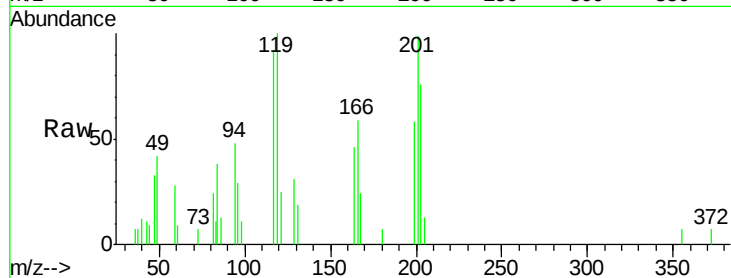




#18
Hexachloroethane
Concen: 3.67 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

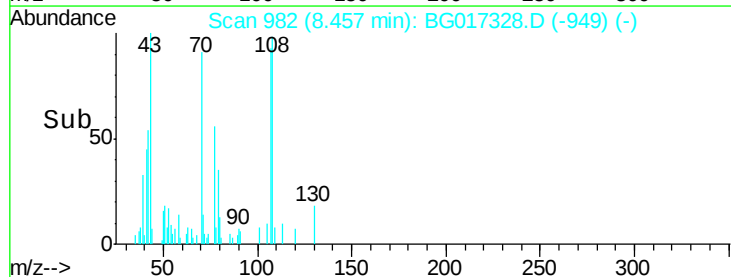
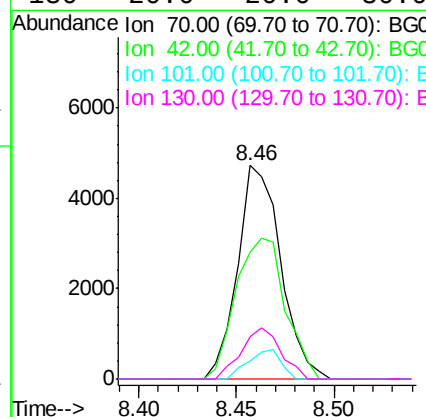
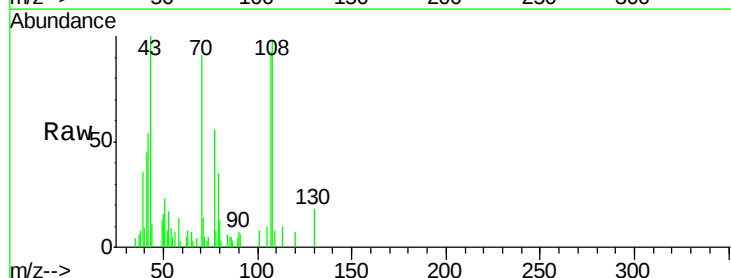
Instrument :
BNA_G
ClientSampleId :
PB83579BS

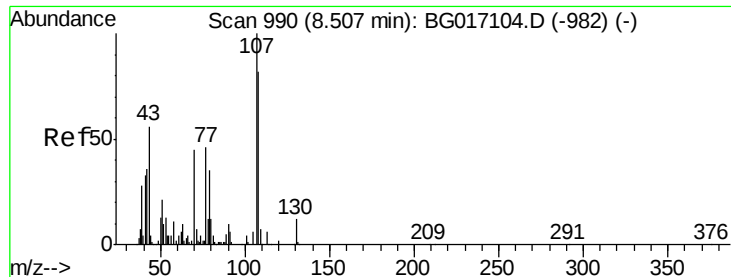
Tgt Ion: 117 Resp: 3690
Ion Ratio Lower Upper
117 100
119 108.7 73.0 109.6
201 107.3 81.7 122.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.32 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion: 70 Resp: 7236
Ion Ratio Lower Upper
70 100
42 59.5 62.6 94.0#
101 8.3 9.0 13.4#
130 20.0 20.0 30.0#





#20

3+4-Methylphenols

Concen: 3.60 ng

RT: 8.46 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

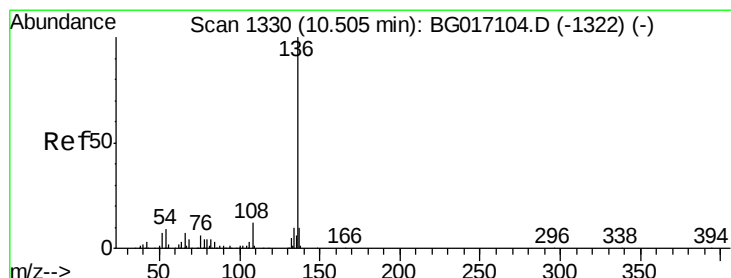
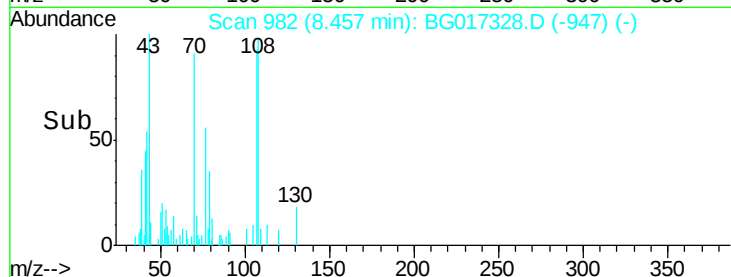
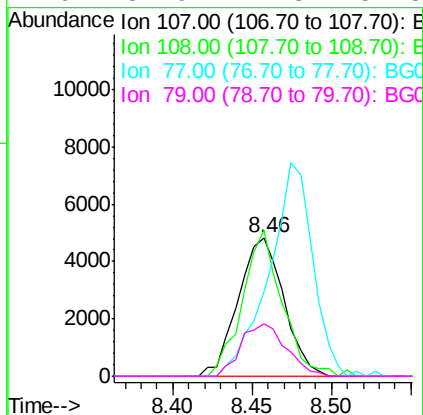
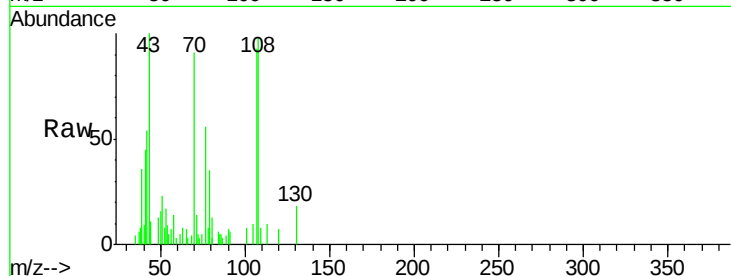
Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tgt Ion:107	Resp:	9624
Ion Ratio	Lower	Upper
107	100	
108	105.1	62.2 102.2#
77	60.7	26.0 66.0
79	37.9	14.8 54.8



#21

Naphthalene-d8

Concen: 20.00 ng

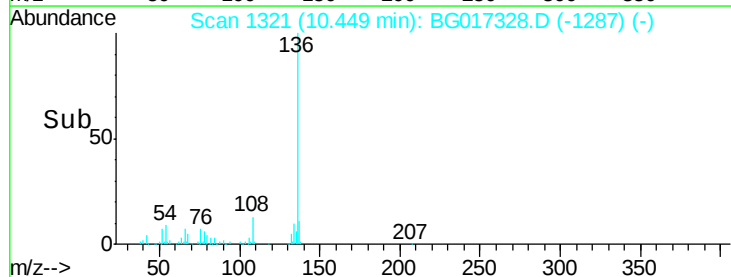
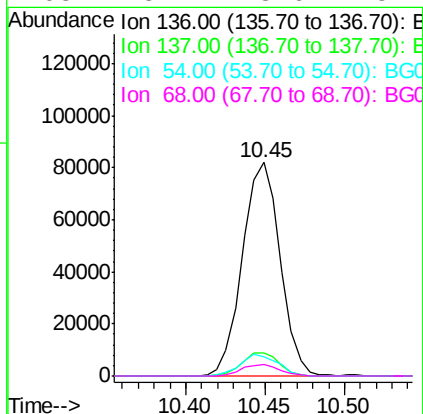
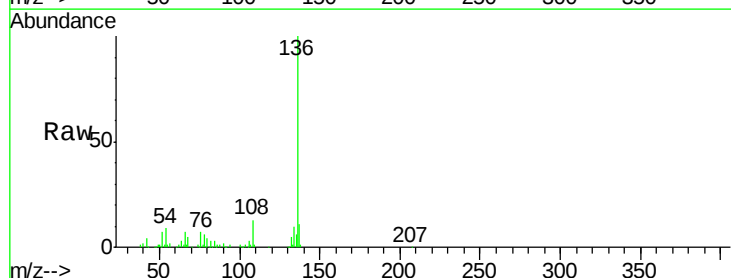
RT: 10.45 min Scan# 1321

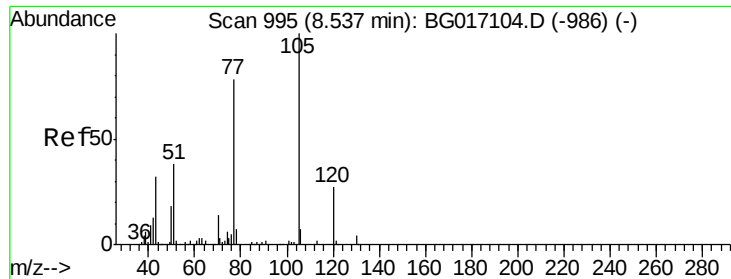
Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Tgt Ion:136	Resp:	135579
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.3 12.5
54	8.8	7.4 11.2
68	5.2	3.6 5.4

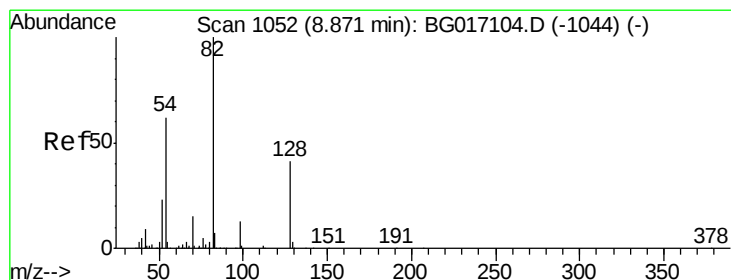
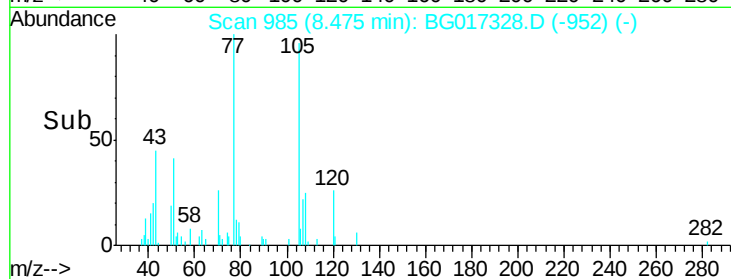
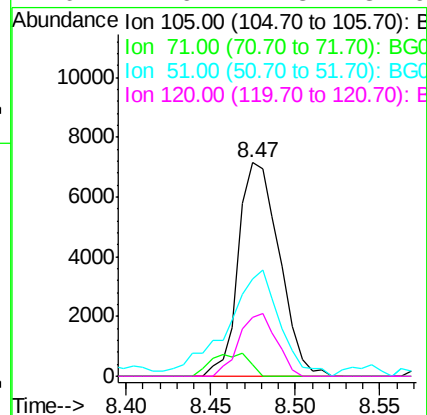
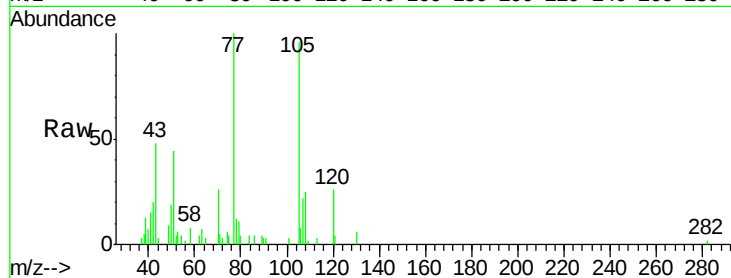




#22
 Acetophenone
 Concen: 3.65 ng
 RT: 8.47 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

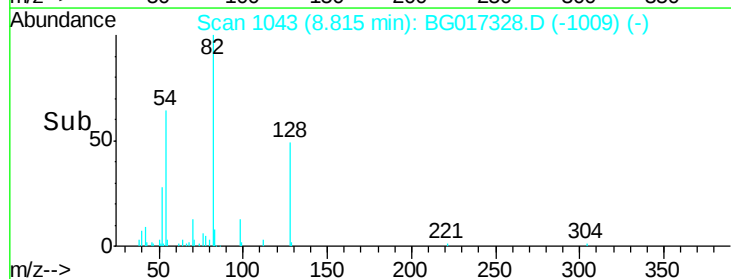
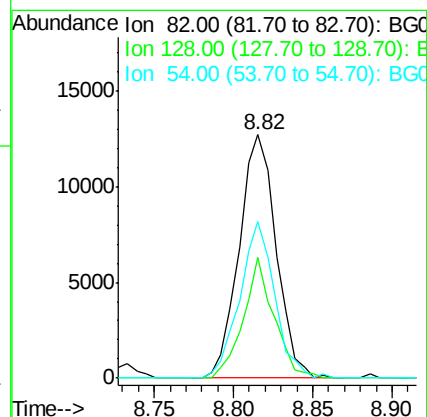
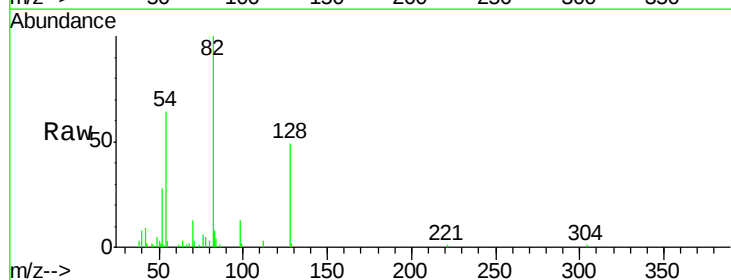
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

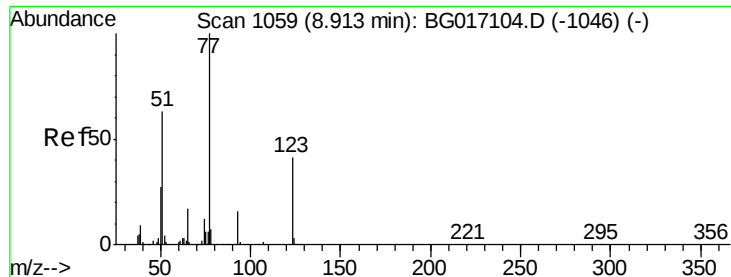
Tgt Ion: 105 Resp: 12003
 Ion Ratio Lower Upper
 105 100
 71 5.2 2.2 3.4#
 51 45.7 32.8 49.2
 120 27.6 21.8 32.6



#23
 Nitrobenzene-d5
 Concen: 7.09 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion: 82 Resp: 20592
 Ion Ratio Lower Upper
 82 100
 128 49.4 32.6 49.0#
 54 64.3 49.6 74.4

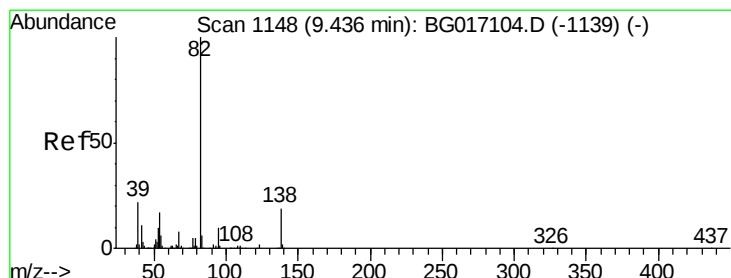
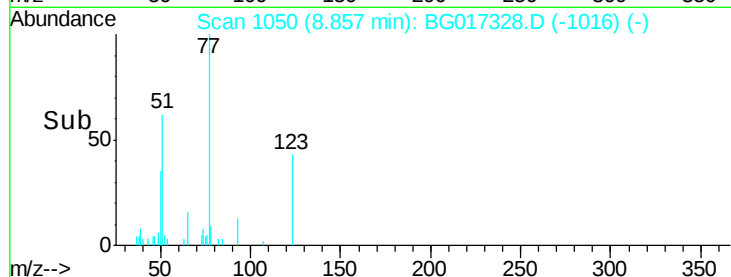
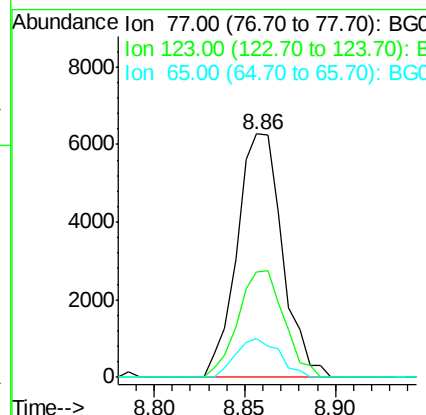
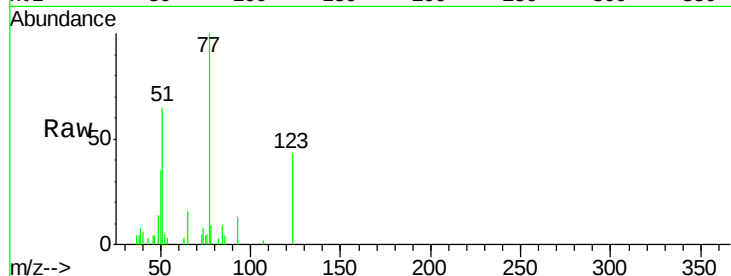




#24
 Nitrobenzene
 Concen: 3.84 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

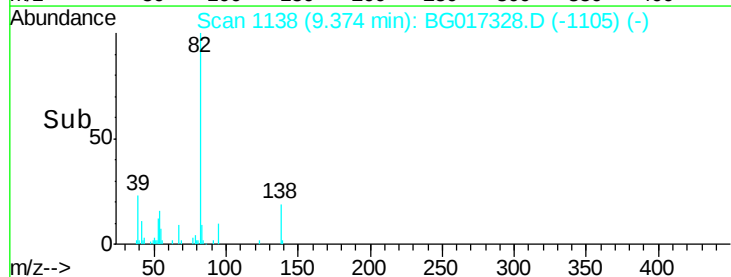
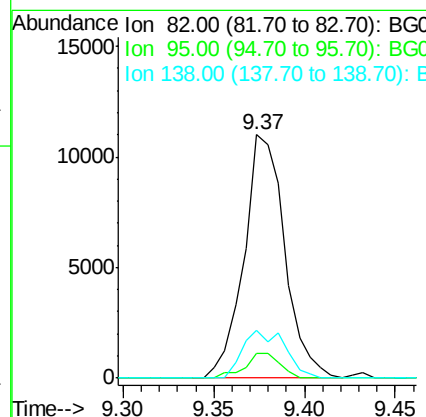
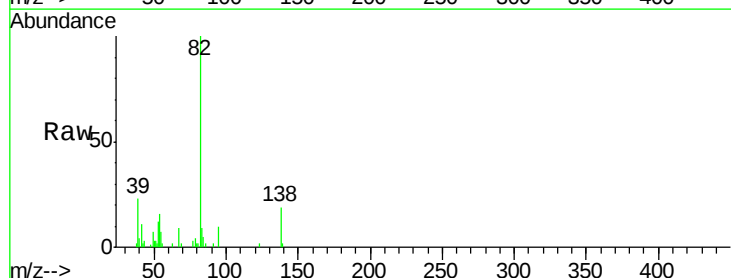
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

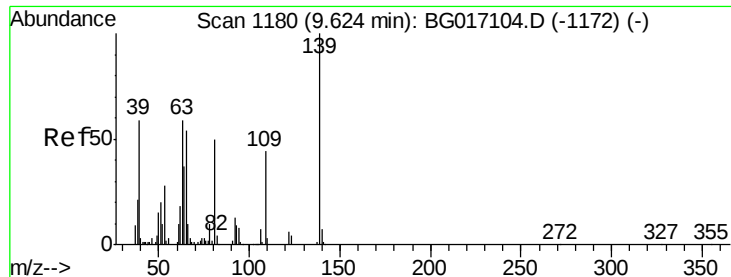
Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.4
65	15.9	13.3	19.9



#25
 Isophorone
 Concen: 3.22 ng
 RT: 9.37 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.0	7.7	11.5
138	19.5	15.0	22.6

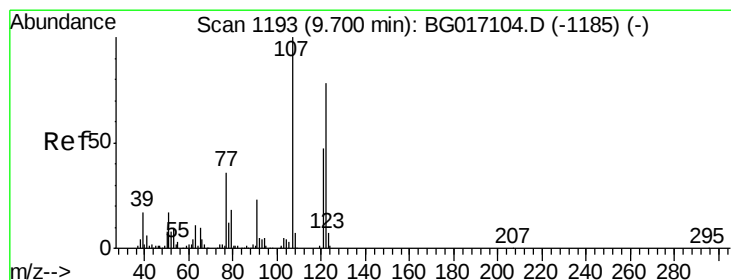
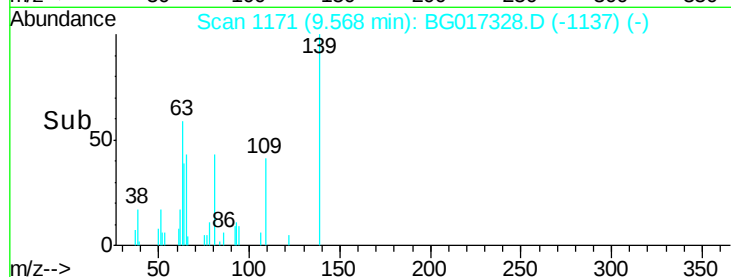
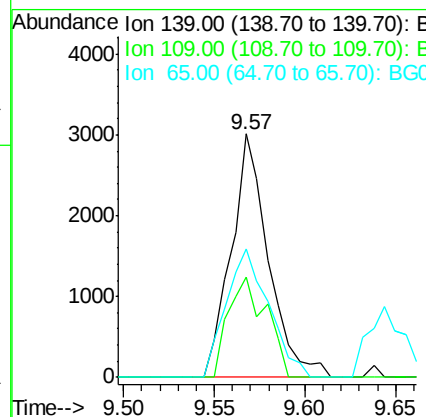
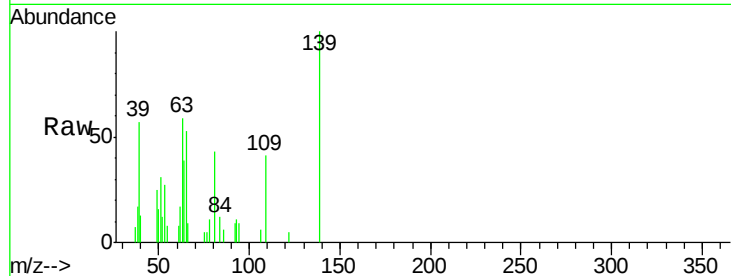




#26
 2-Nitrophenol
 Concen: 3.40 ng
 RT: 9.57 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

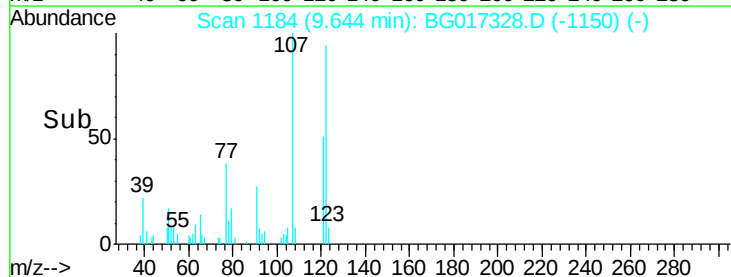
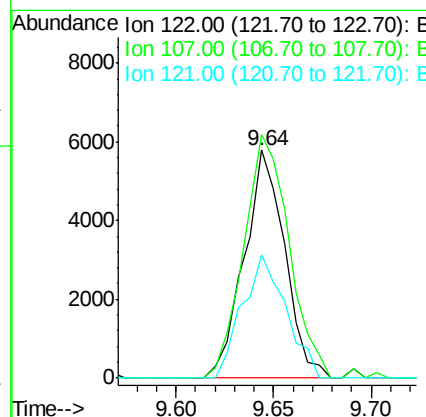
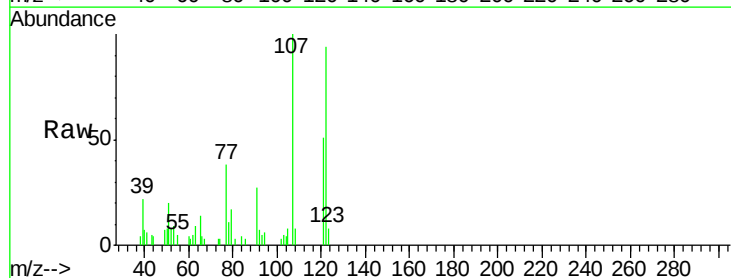
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

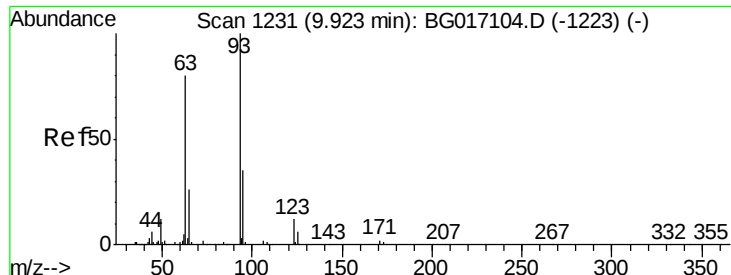
Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.3	34.9	52.3
65	52.7	43.0	64.4



#27
 2,4-Dimethylphenol
 Concen: 3.98 ng
 RT: 9.64 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.8	102.3	153.5
121	54.0	48.7	73.1

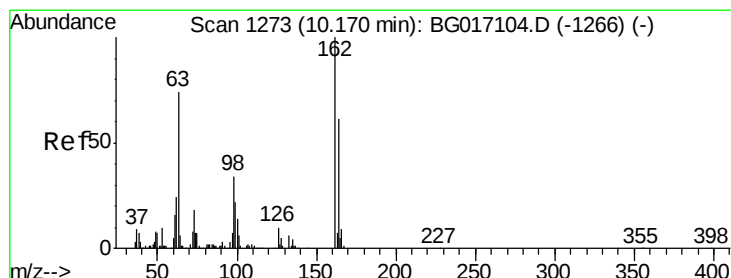
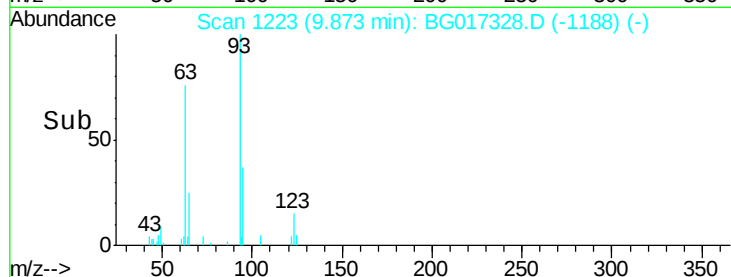
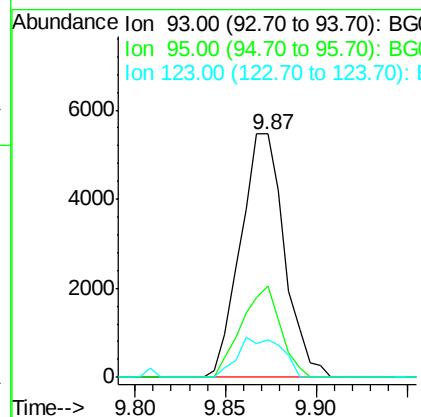
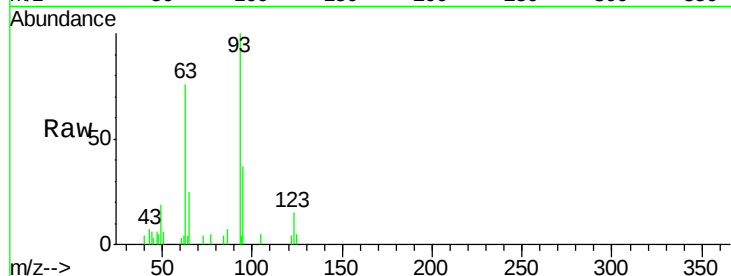




#28
bis(2-Chloroethoxy)methane
Concen: 3.53 ng
RT: 9.87 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

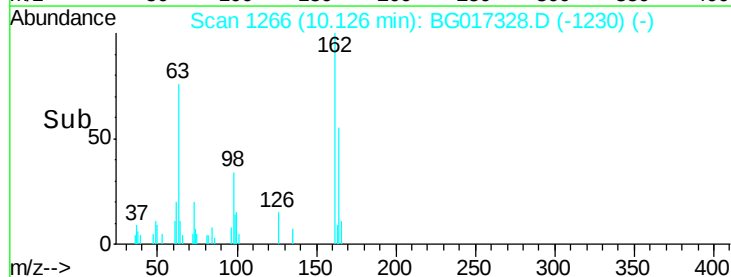
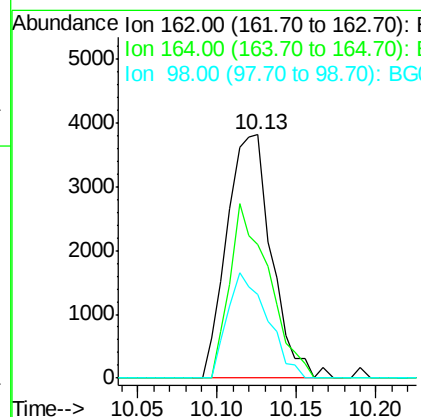
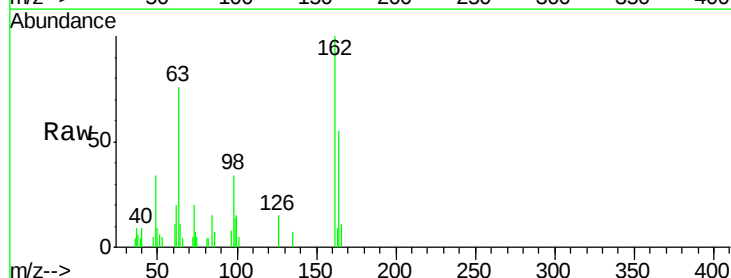
Instrument :
BNA_G
ClientSampleId :
PB83579BS

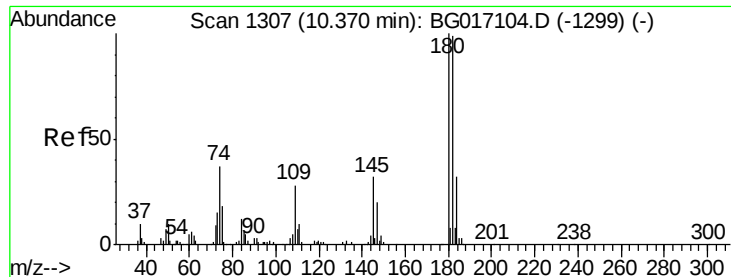
Tgt Ion: 93 Resp: 9196
Ion Ratio Lower Upper
93 100
95 37.4 28.0 42.0
123 15.2 10.3 15.5



#29
2,4-Dichlorophenol
Concen: 3.79 ng
RT: 10.13 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion: 162 Resp: 7470
Ion Ratio Lower Upper
162 100
164 54.8 41.4 81.4
98 34.1 14.3 54.3

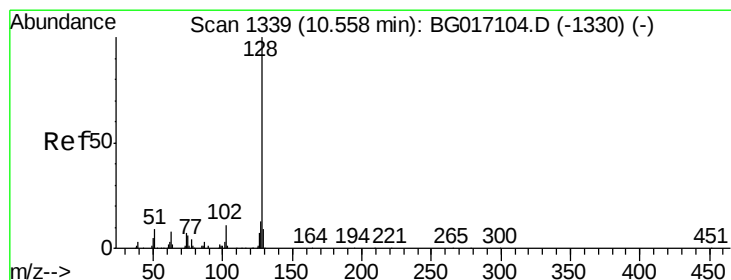
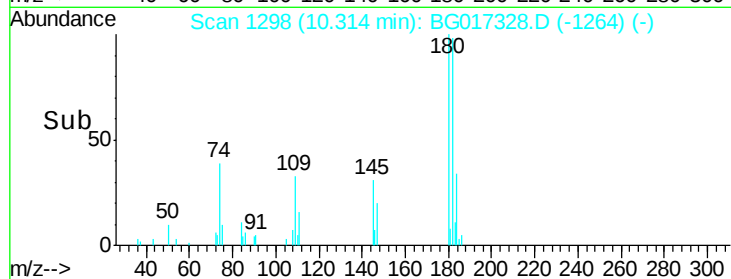
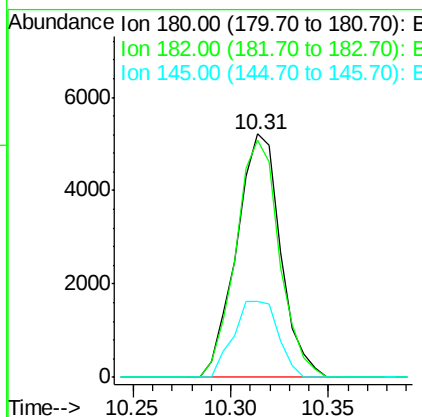
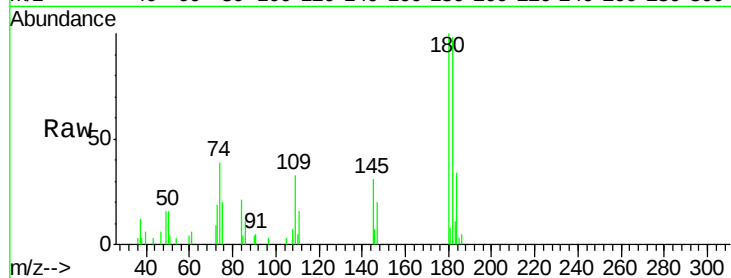




#30
 1,2,4-Trichlorobenzene
 Concen: 3.64 ng
 RT: 10.31 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

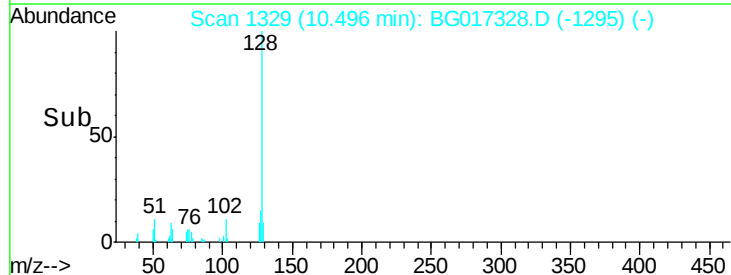
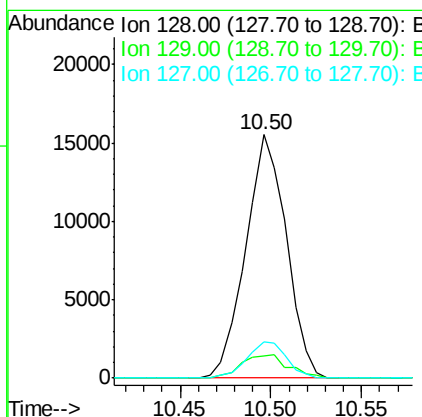
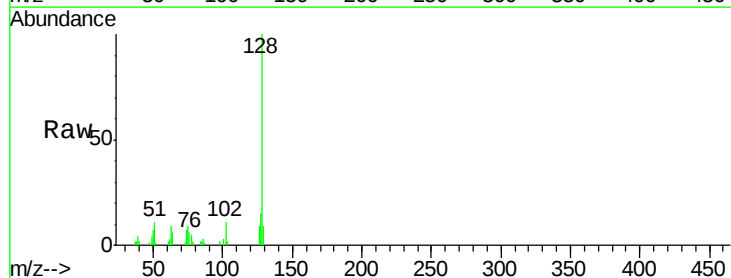
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

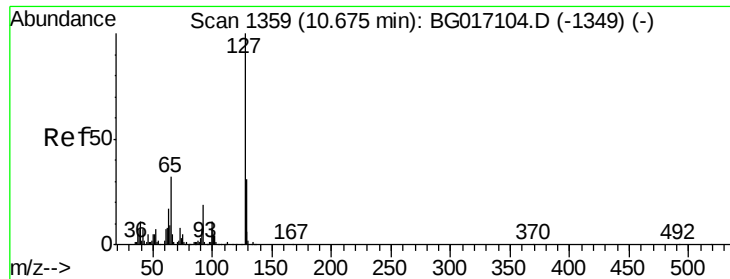
Tgt Ion:180 Resp: 8148
 Ion Ratio Lower Upper
 180 100
 182 97.5 79.4 119.0
 145 31.1 25.3 37.9



#31
 Naphthalene
 Concen: 3.64 ng
 RT: 10.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:128 Resp: 24118
 Ion Ratio Lower Upper
 128 100
 129 9.0 7.6 11.4
 127 14.7 10.6 16.0

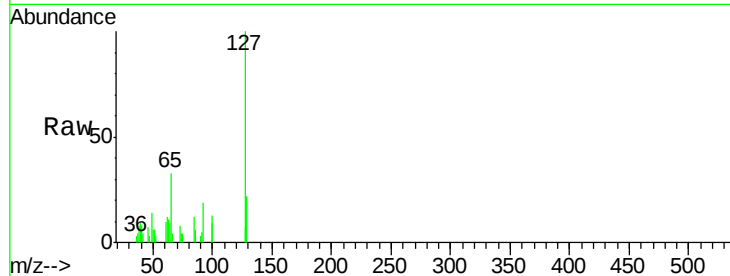




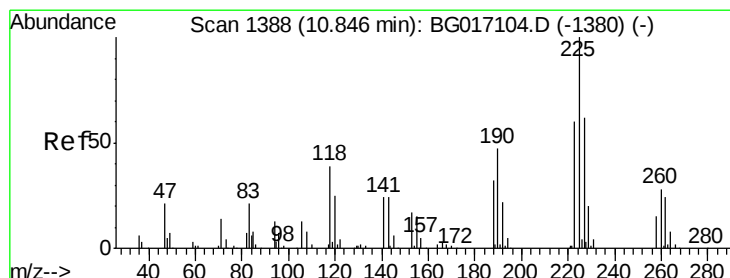
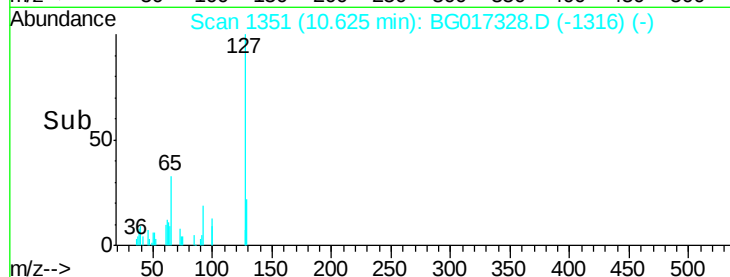
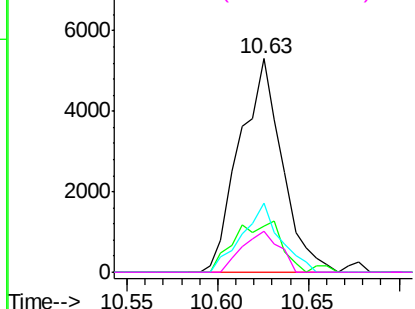
#33
4-Chloroaniline
Concen: 2.77 ng
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Instrument :
BNA_G
ClientSampleId :
PB83579BS

Tgt Ion:	127	Resp:	8687
Ion	Ratio	Lower	Upper
127	100		
129	21.9	24.8	37.2#
65	32.5	25.8	38.6
92	19.5	15.0	22.4

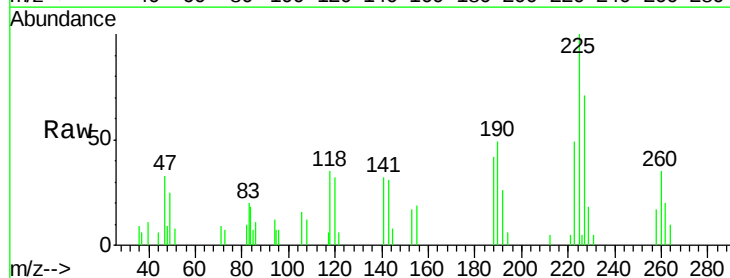


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

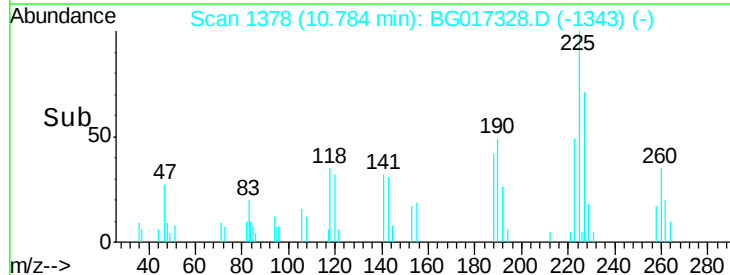
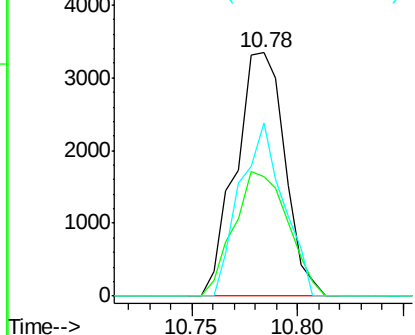


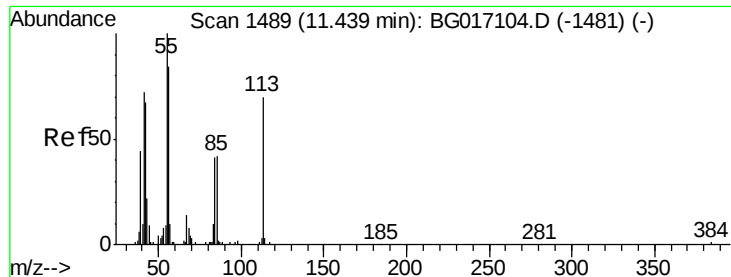
#34
Hexachlorobutadiene
Concen: 3.82 ng
RT: 10.78 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion:	225	Resp:	5409
Ion	Ratio	Lower	Upper
225	100		
223	49.1	48.3	72.5
227	71.3	49.8	74.8



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





#35

Caprolactam

Concen: 3.53 ng

RT: 11.37 min Scan# 1478

Delta R.T. -0.03 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

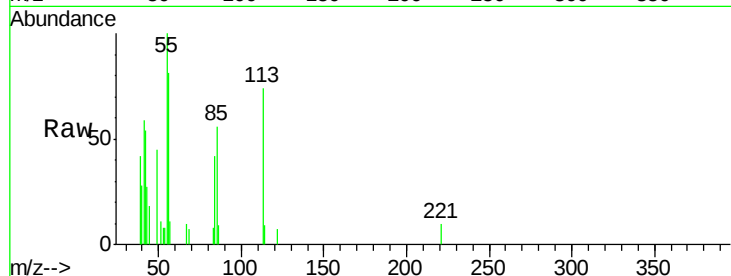
Tgt Ion:113 Resp: 3496

Ion Ratio Lower Upper

113 100

55 135.0 124.1 164.1

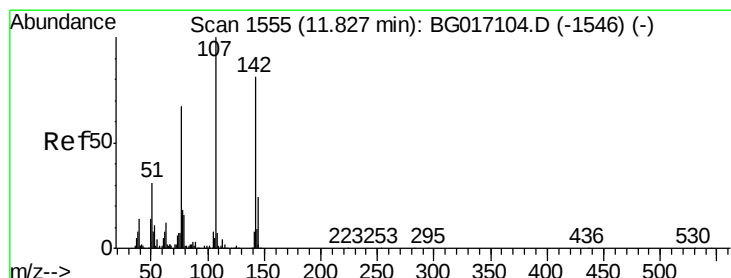
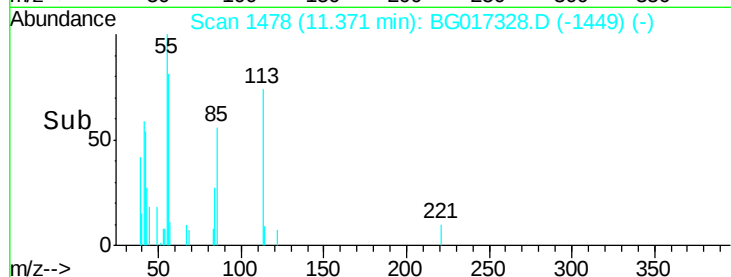
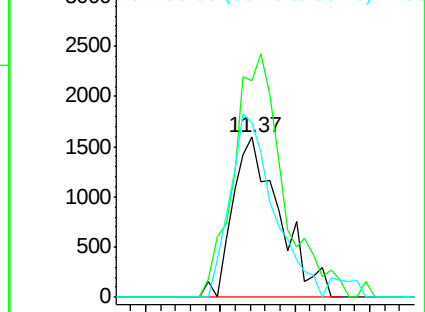
56 108.8 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 3.92 ng

RT: 11.77 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

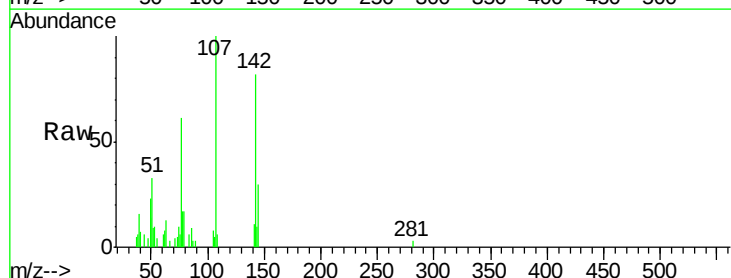
Tgt Ion:107 Resp: 9760

Ion Ratio Lower Upper

107 100

144 29.8 19.6 29.4#

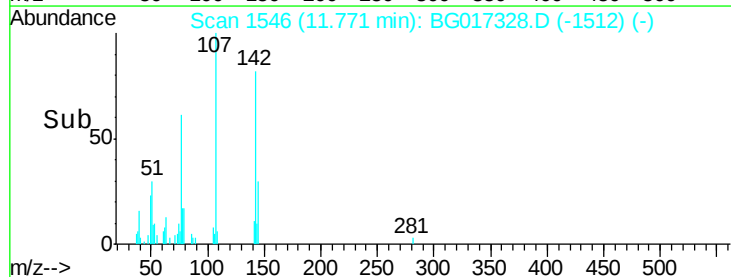
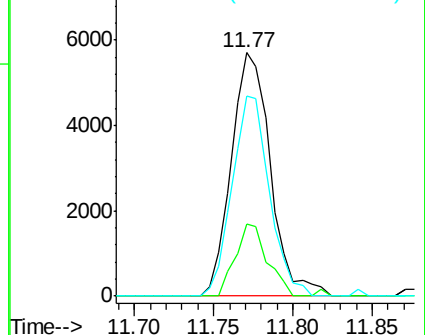
142 82.3 64.9 97.3

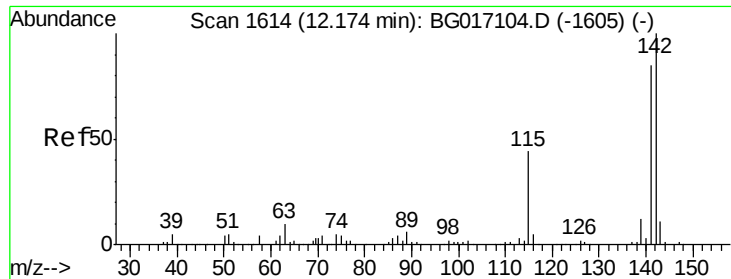


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

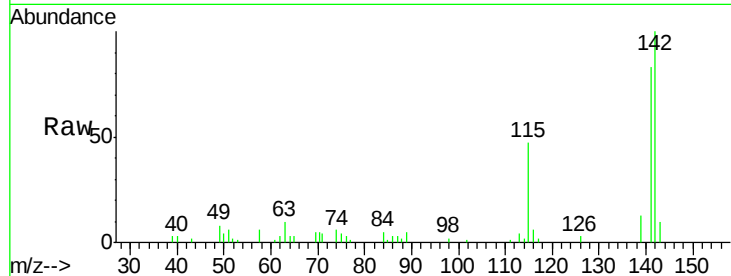




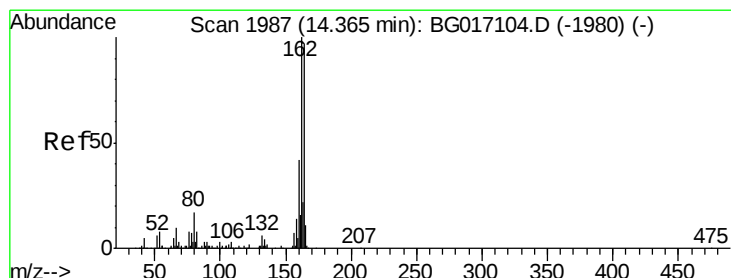
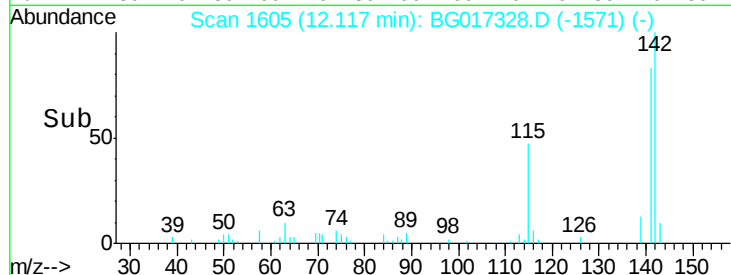
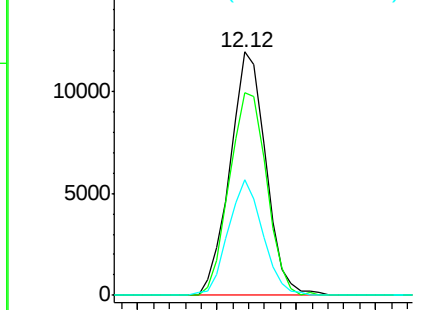
#37
 2-Methylnaphthalene
 Concen: 3.57 ng
 RT: 12.12 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

Tgt Ion:142 Resp: 18789
 Ion Ratio Lower Upper
 142 100
 141 83.3 68.2 102.2
 115 47.3 35.6 53.4

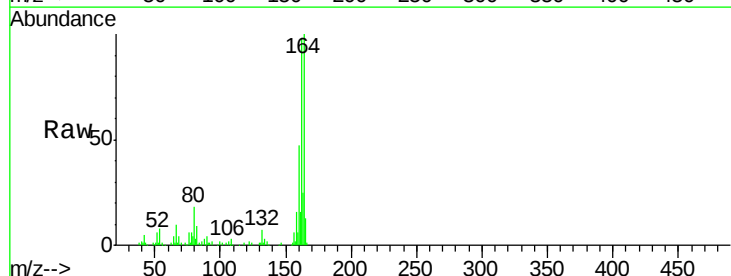


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

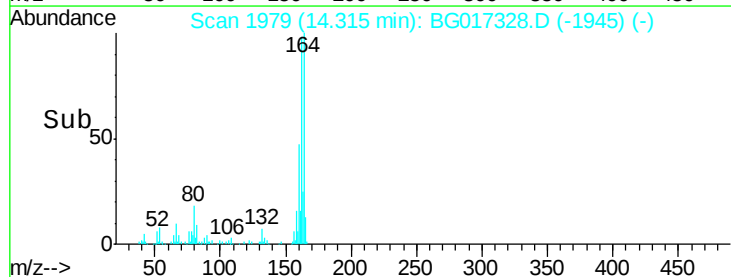
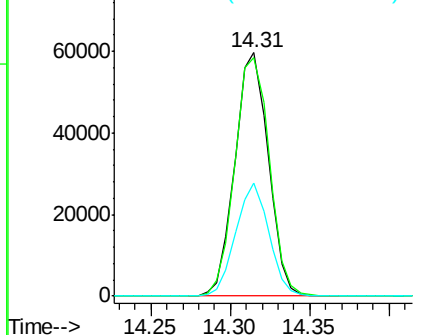


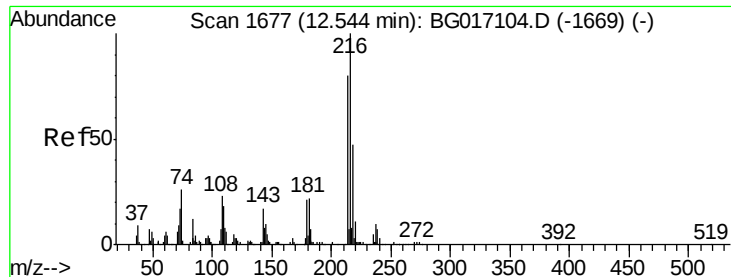
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:164 Resp: 87328
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.1 123.1
 160 46.5 34.8 52.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.84 ng

RT: 12.49 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tgt Ion:216 Resp: 9484

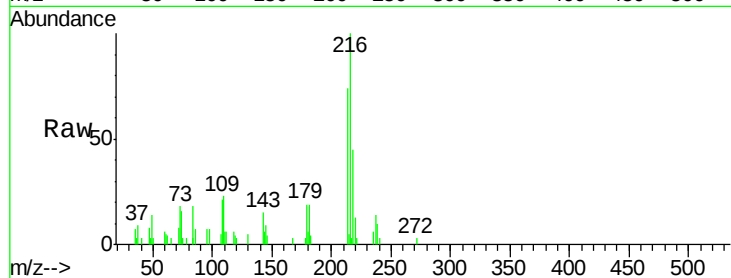
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.0 17.8 26.8

108 25.3 19.9 29.9

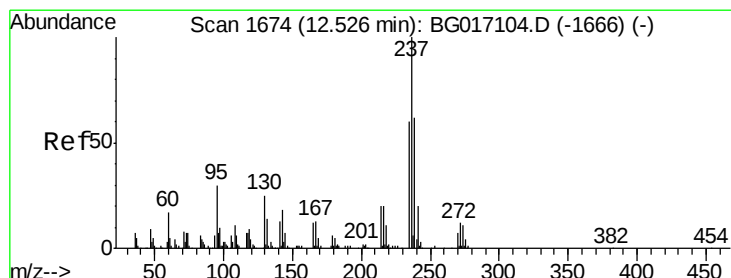
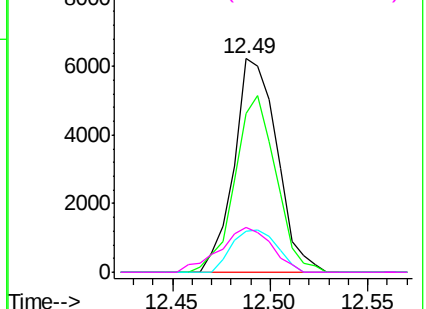
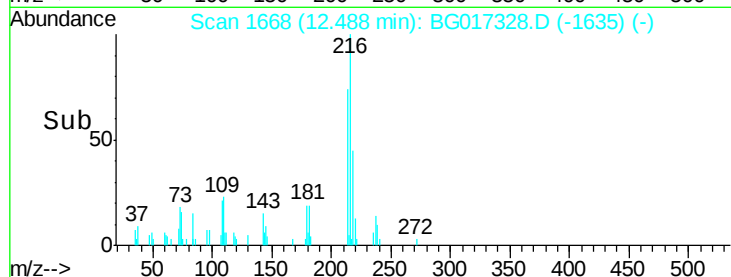


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.80 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

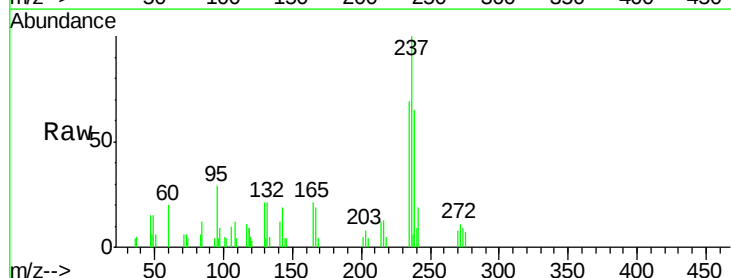
Tgt Ion:237 Resp: 5724

Ion Ratio Lower Upper

237 100

235 68.7 39.7 79.7

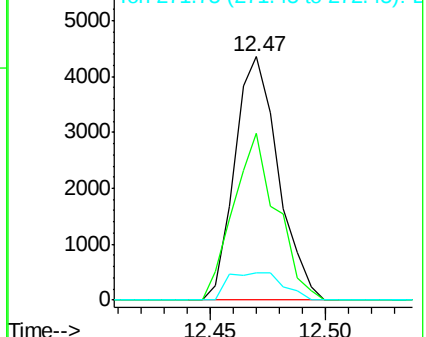
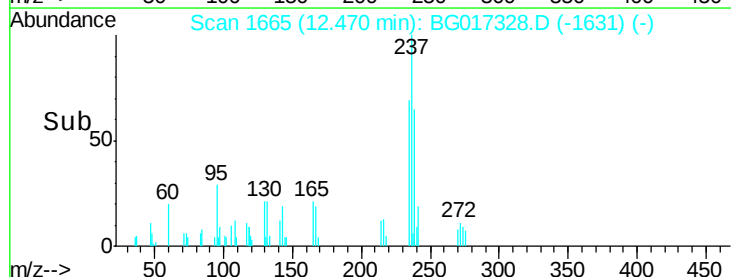
272 11.2 0.0 32.1

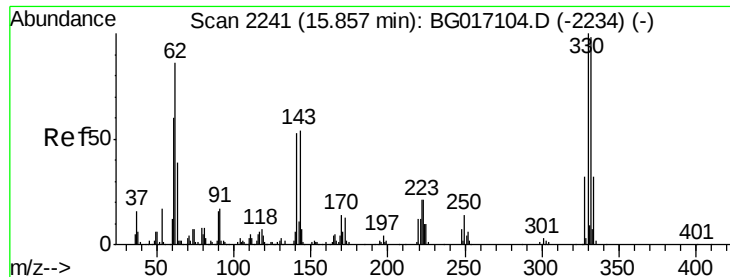


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

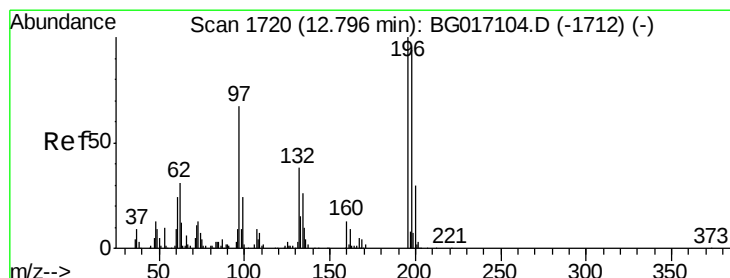
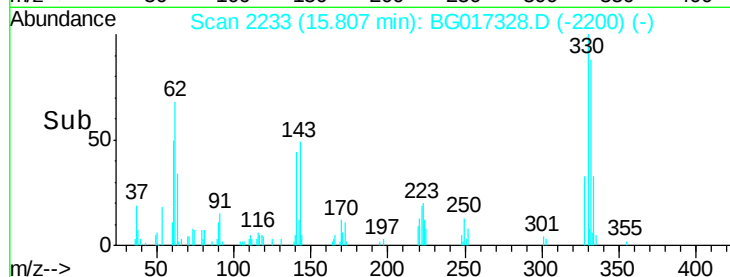
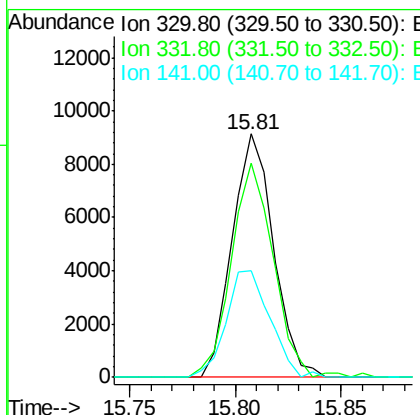
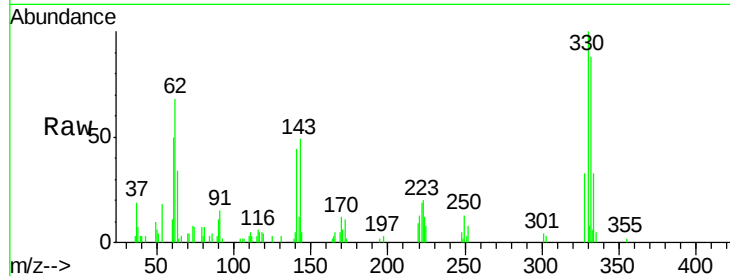




#41
 2,4,6-Tribromophenol
 Concen: 11.70 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

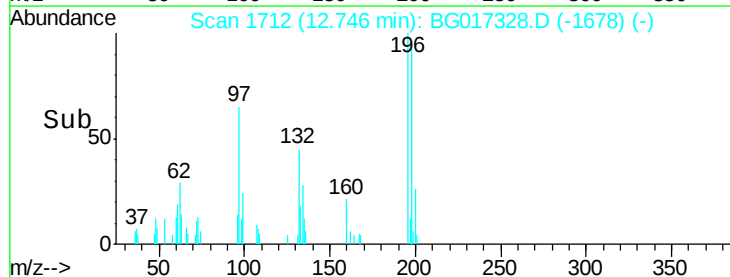
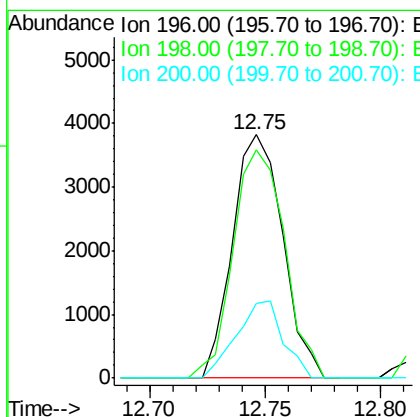
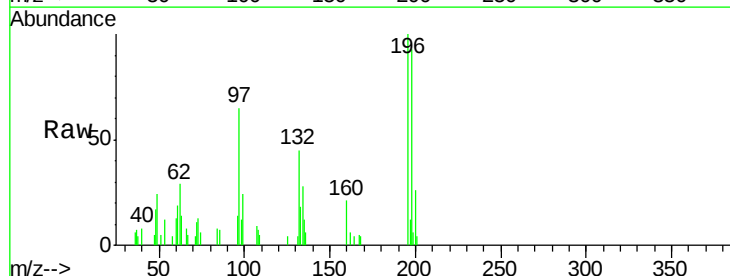
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

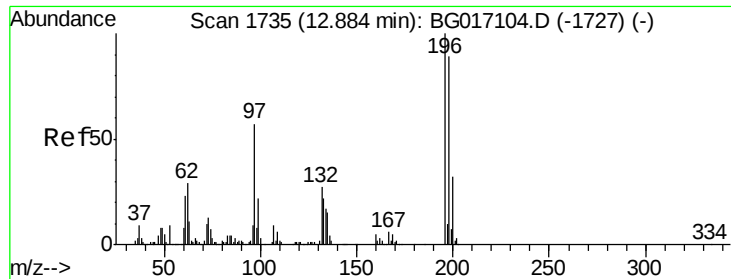
Tgt Ion:330 Resp: 12353
 Ion Ratio Lower Upper
 330 100
 332 89.0 76.9 115.3
 141 46.7 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 3.30 ng
 RT: 12.75 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:196 Resp: 5782
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.9 112.3
 200 30.4 24.2 36.2

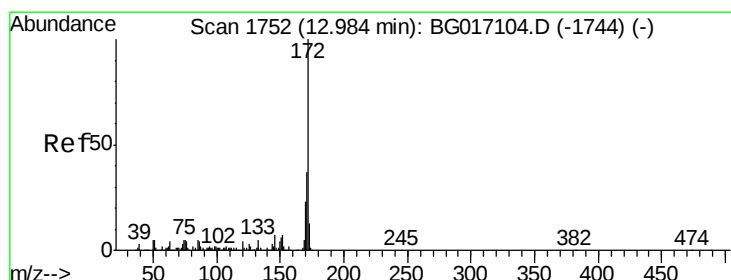
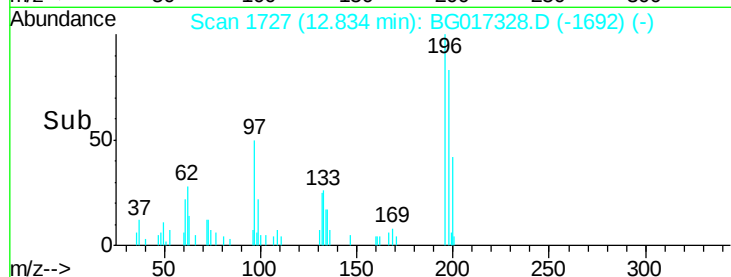
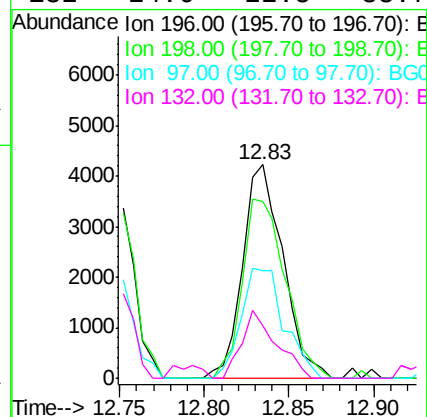
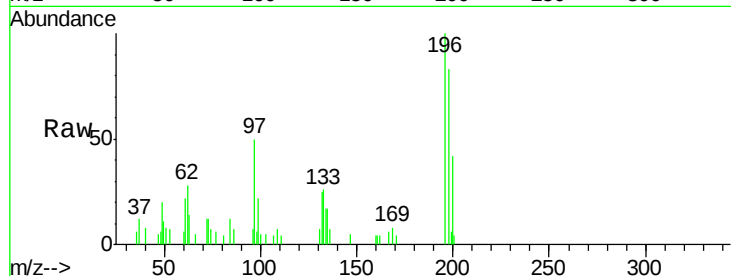




#43
2,4,5-Trichlorophenol
Concen: 3.88 ng
RT: 12.83 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

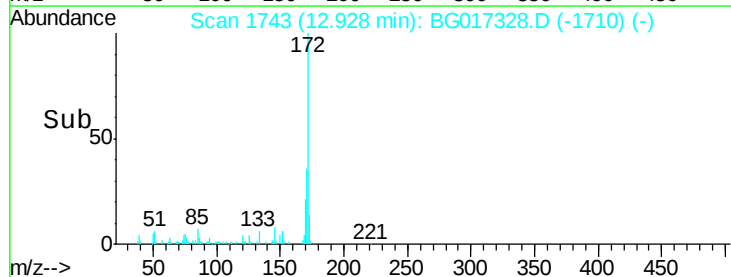
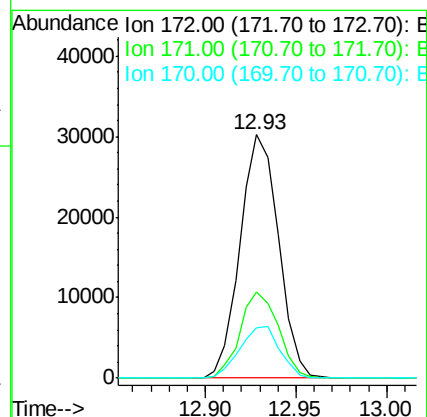
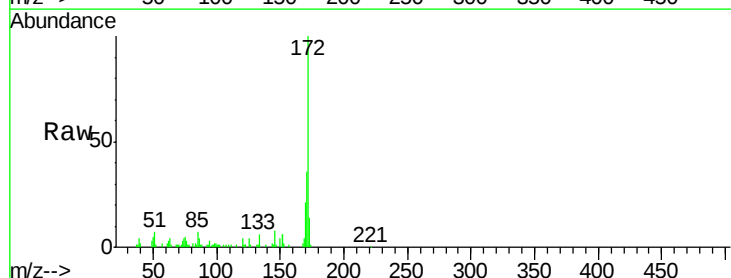
Instrument :
BNA_G
ClientSampleId :
PB83579BS

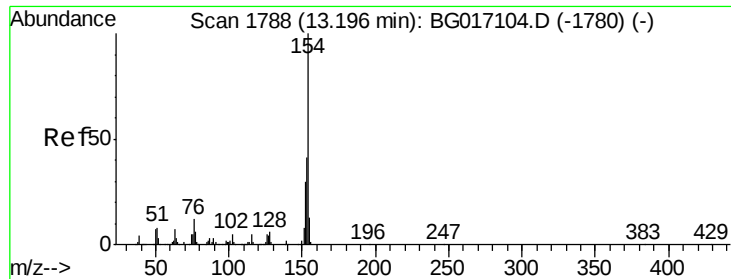
Tgt Ion:196 Resp: 7015
Ion Ratio Lower Upper
196 100
198 82.7 71.4 107.0
97 50.4 45.4 68.0
132 24.6 22.5 33.7



#44
2-Fluorobiphenyl
Concen: 7.48 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion:172 Resp: 44519
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 20.8 18.4 27.6

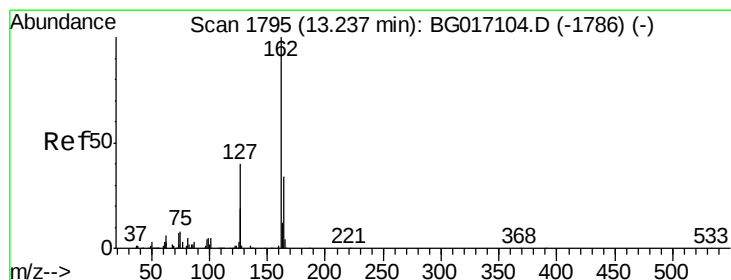
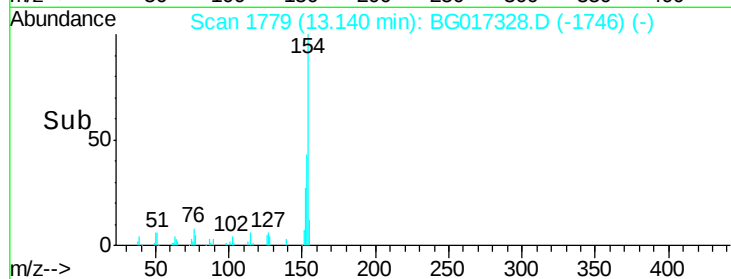
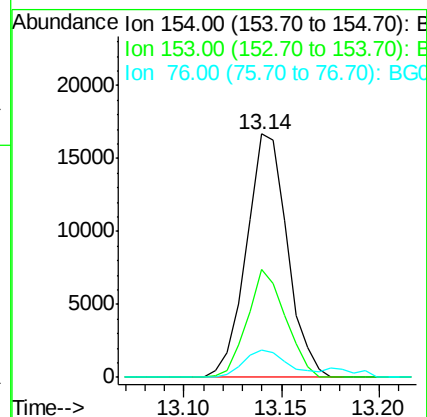
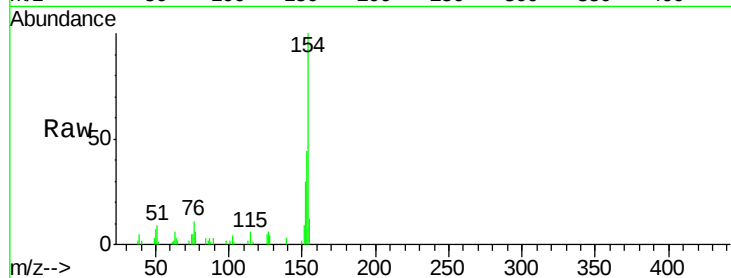




#45
 1,1'-Biphenyl
 Concen: 3.84 ng
 RT: 13.14 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

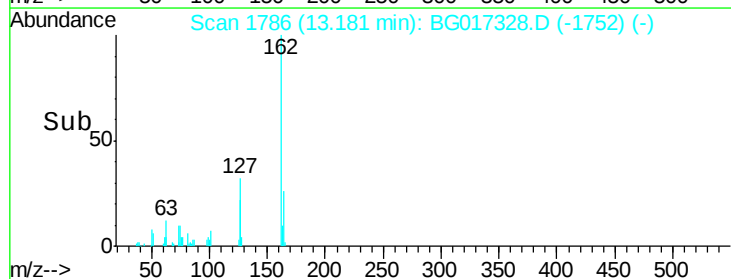
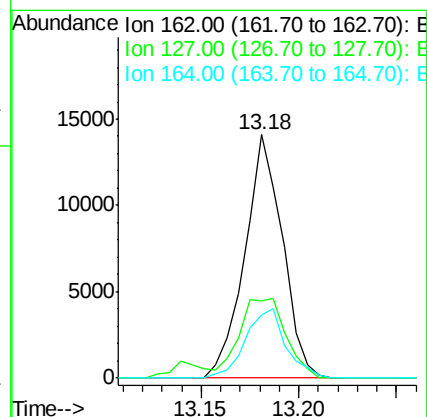
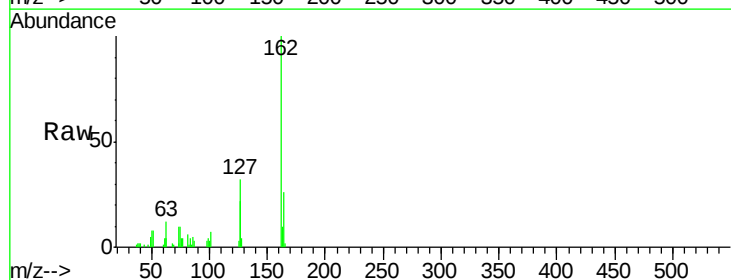
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

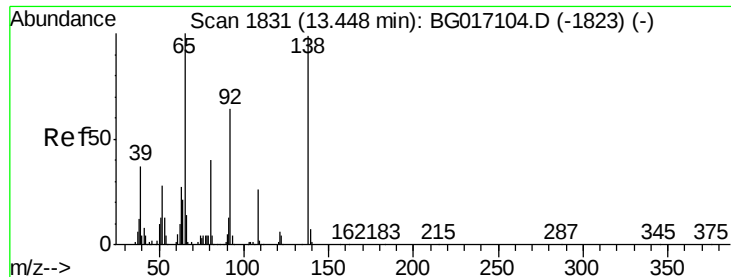
Tgt Ion:	154	Resp:	24165
Ion	Ratio	Lower	Upper
154	100		
153	44.3	21.5	61.5
76	11.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 3.78 ng
 RT: 13.18 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:	162	Resp:	18845
Ion	Ratio	Lower	Upper
162	100		
127	31.8	33.5	50.3#
164	26.1	27.0	40.6#

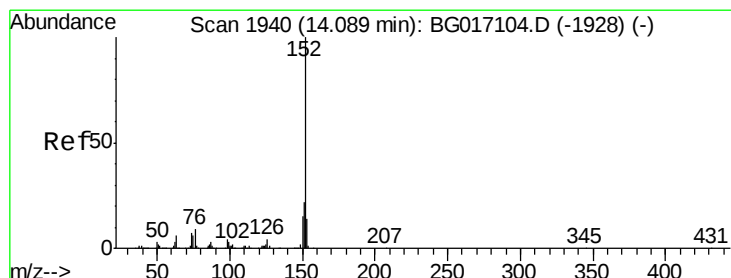
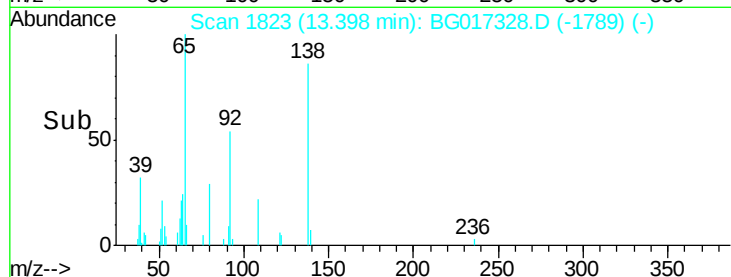
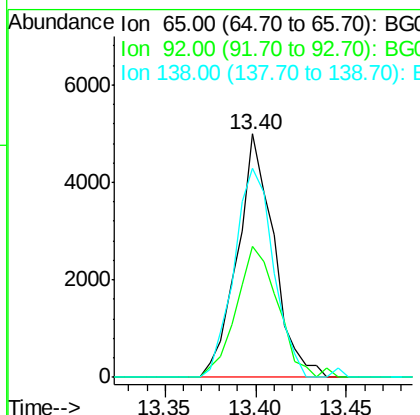
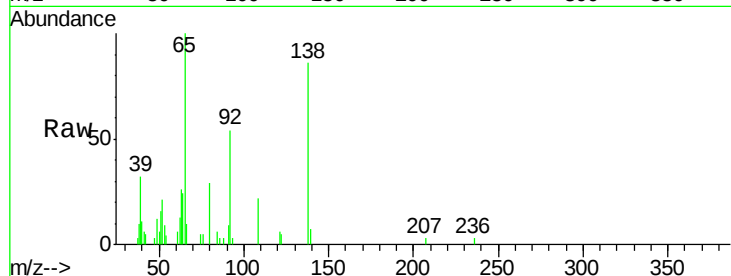




#47
2-Nitroaniline
Concen: 3.62 ng
RT: 13.40 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

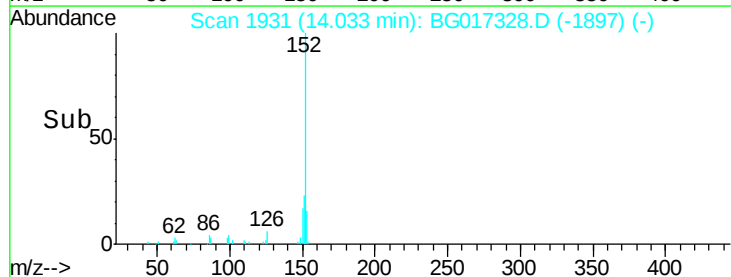
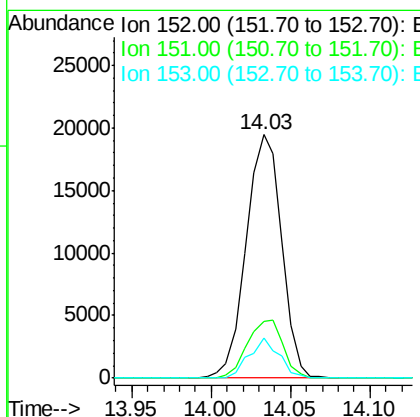
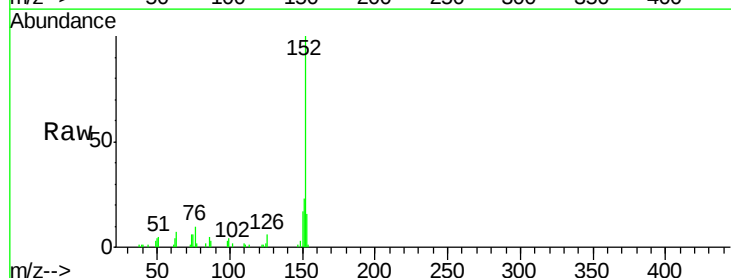
Instrument :
BNA_G
ClientSampleId :
PB83579BS

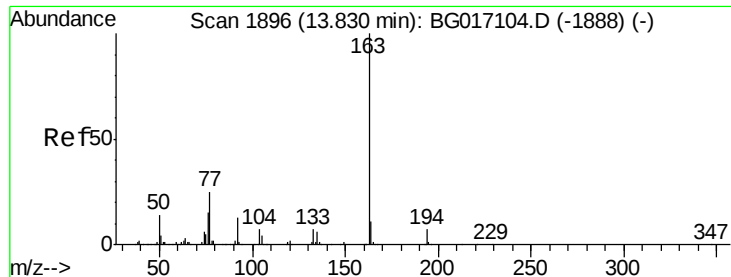
Tgt Ion: 65 Resp: 7012
Ion Ratio Lower Upper
65 100
92 53.7 51.0 76.4
138 85.9 79.3 118.9



#48
Acenaphthylene
Concen: 3.55 ng
RT: 14.03 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion: 152 Resp: 30307
Ion Ratio Lower Upper
152 100
151 23.5 17.2 25.8
153 16.4 10.8 16.2#





#49

Dimethylphthalate

Concen: 3.68 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

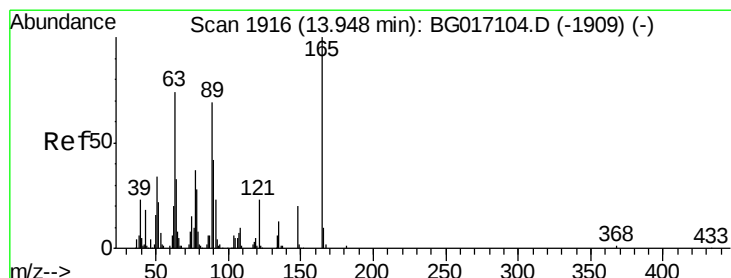
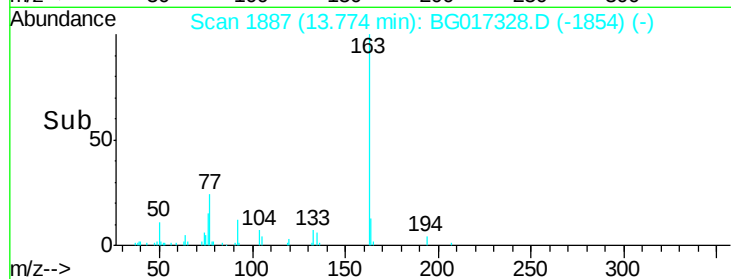
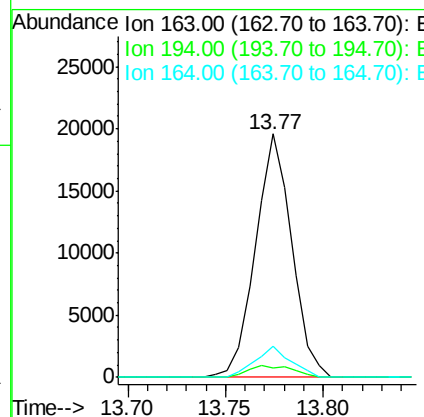
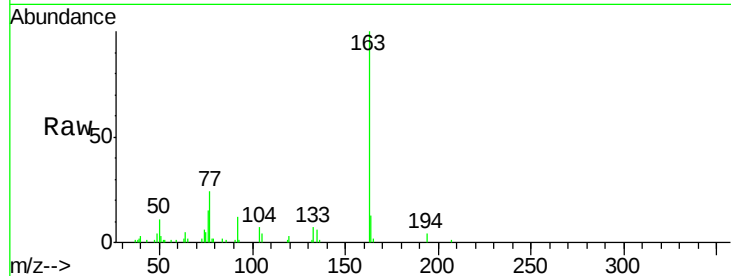
Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tgt Ion:	163	Resp:	25139
Ion	Ratio	Lower	Upper
163	100		
194	4.0	5.6	8.4#
164	12.6	8.6	13.0



#50

2,6-Dinitrotoluene

Concen: 3.74 ng

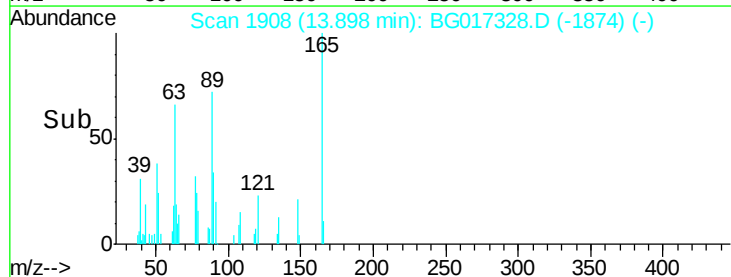
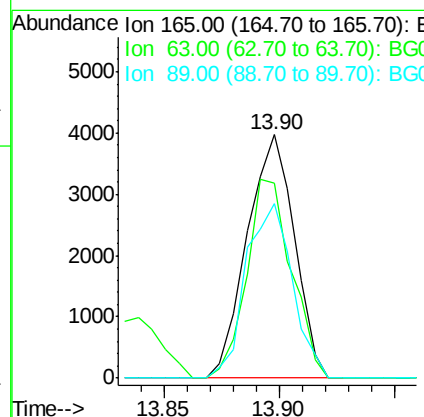
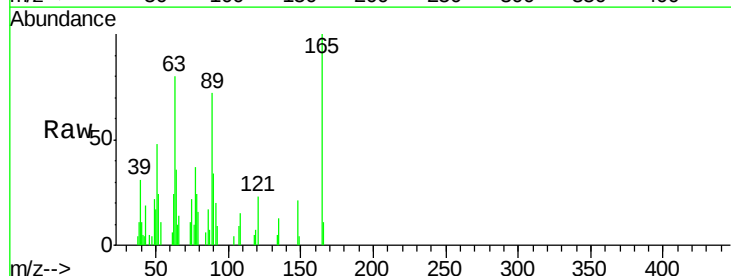
RT: 13.90 min Scan# 1908

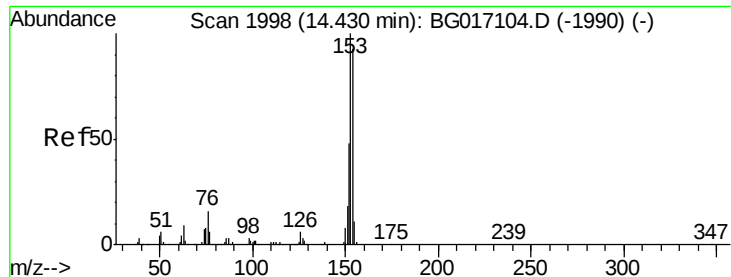
Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Tgt Ion:	165	Resp:	5660
Ion	Ratio	Lower	Upper
165	100		
63	80.1	60.6	90.8
89	71.7	55.0	82.6





#51

Acenaphthene

Concen: 3.79 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

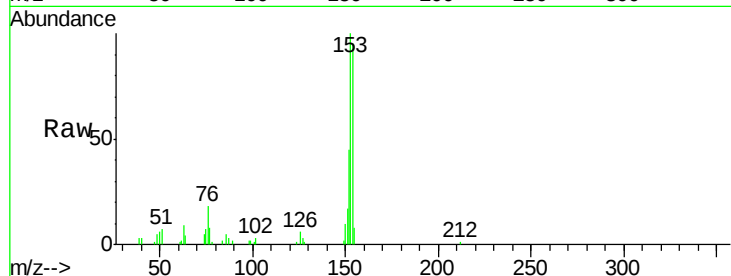
Tgt Ion:154 Resp: 19075

Ion Ratio Lower Upper

154 100

153 105.7 86.2 129.4

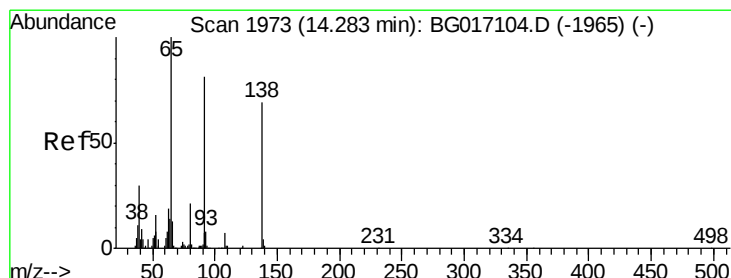
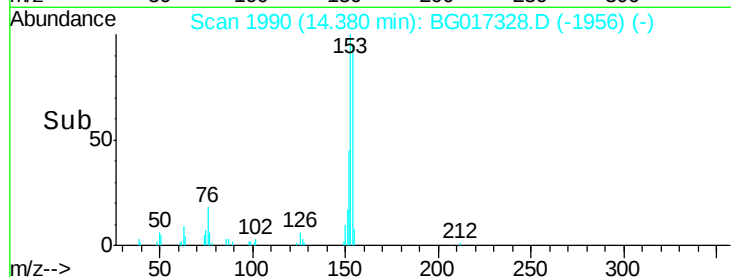
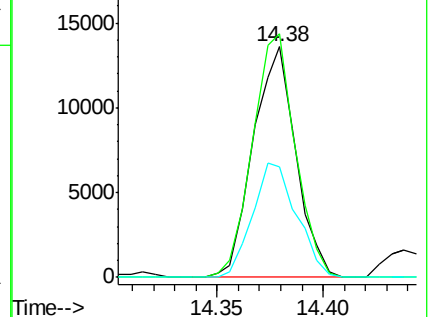
152 48.0 41.5 62.3



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: 2.77 ng

RT: 14.23 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

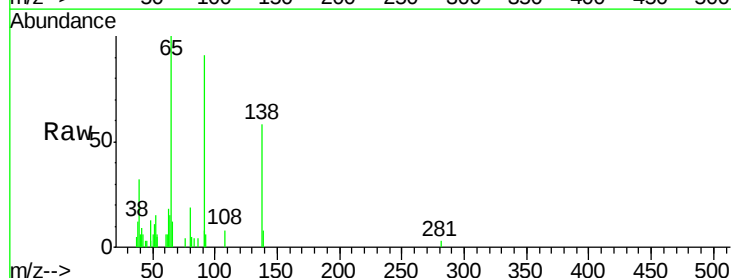
Tgt Ion:138 Resp: 4642

Ion Ratio Lower Upper

138 100

108 14.0 7.6 11.4#

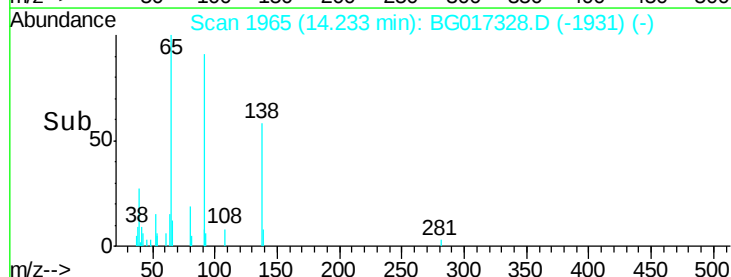
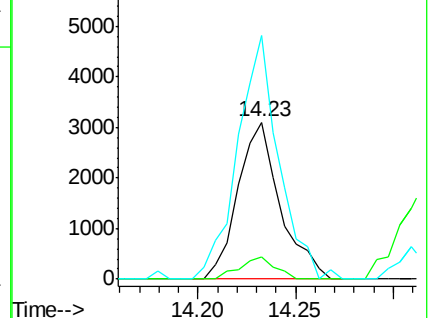
92 155.3 93.6 140.4#

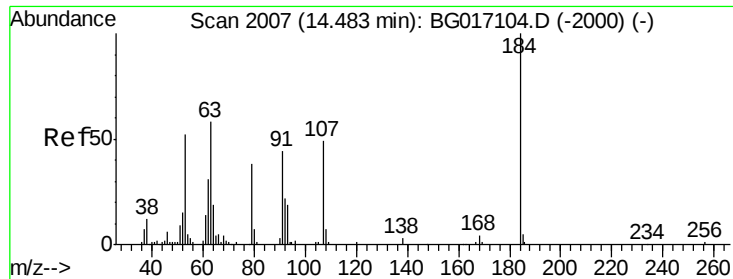


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

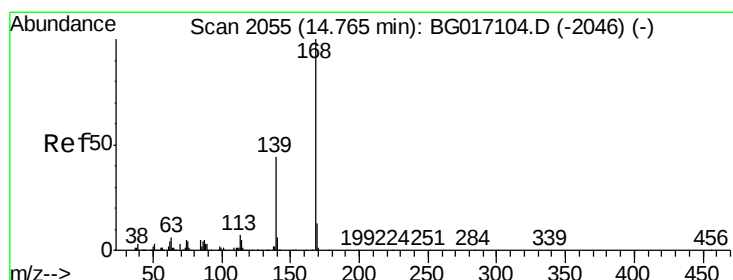
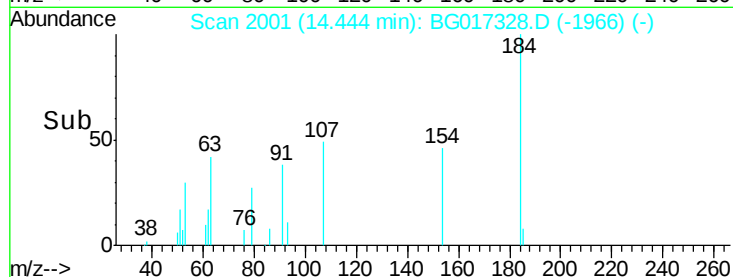
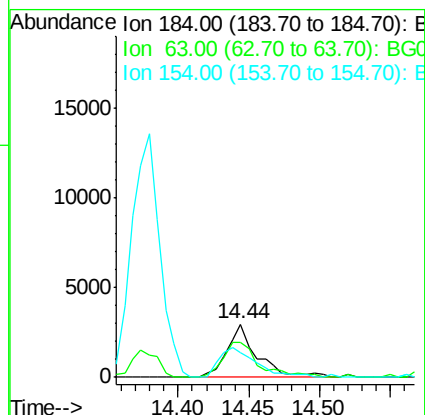
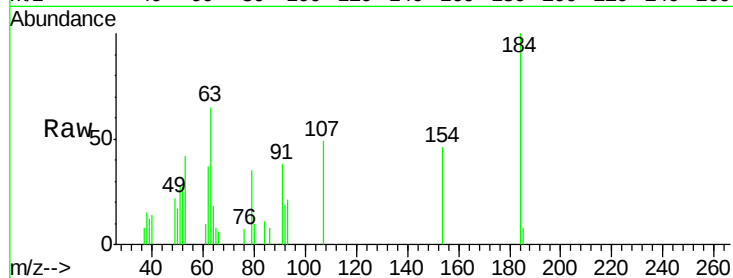




#53
2,4-Dinitrophenol
Concen: 4.93 ng
RT: 14.44 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

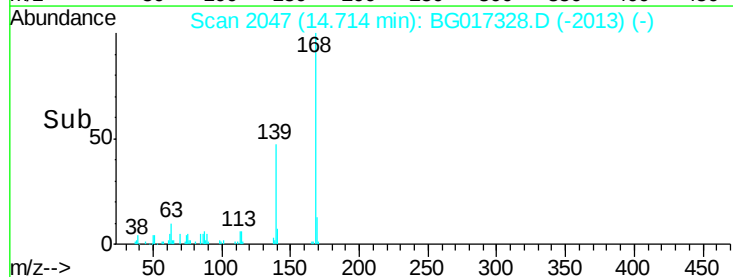
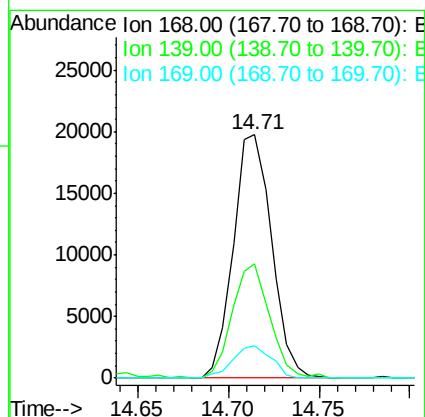
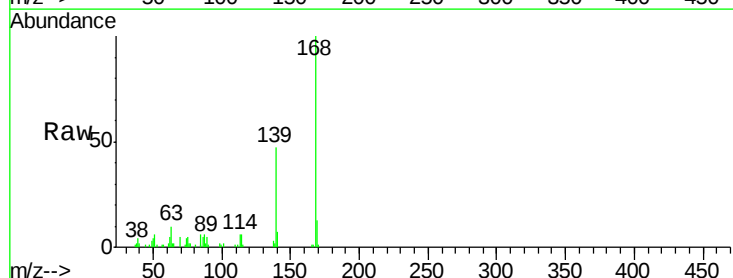
Instrument :
BNA_G
ClientSampleId :
PB83579BS

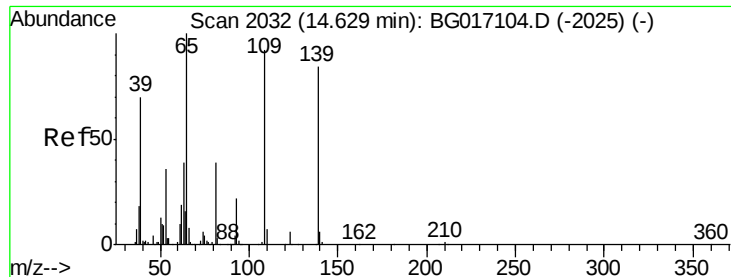
Tgt Ion:184 Resp: 4334
Ion Ratio Lower Upper
184 100
63 64.7 63.6 95.4
154 45.6 47.8 71.6#



#54
Dibenzofuran
Concen: 3.88 ng
RT: 14.71 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion:168 Resp: 29060
Ion Ratio Lower Upper
168 100
139 47.0 34.9 52.3
169 13.2 10.5 15.7





#55

4-Nitrophenol

Concen: 6.44 ng

RT: 14.59 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

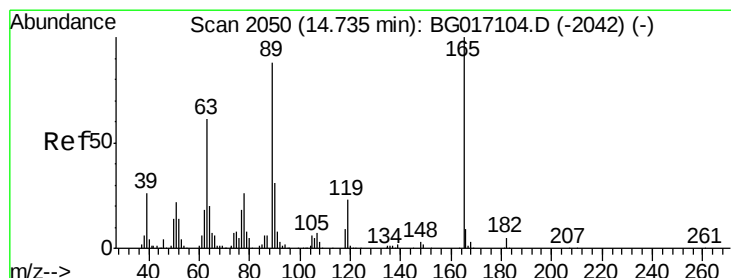
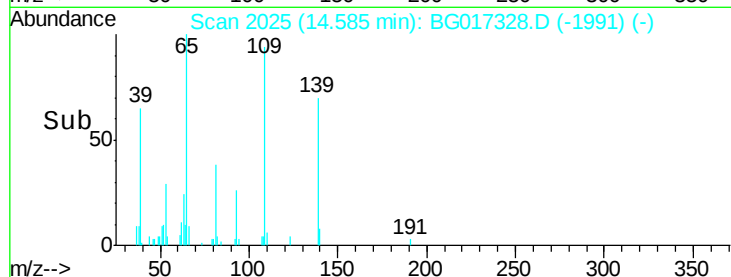
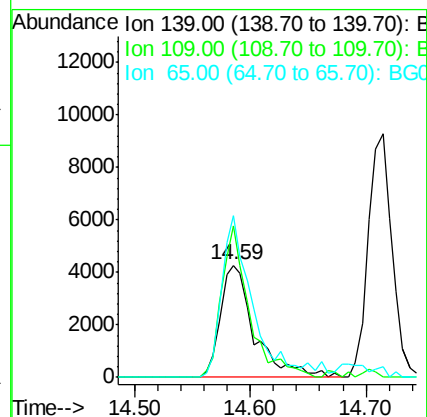
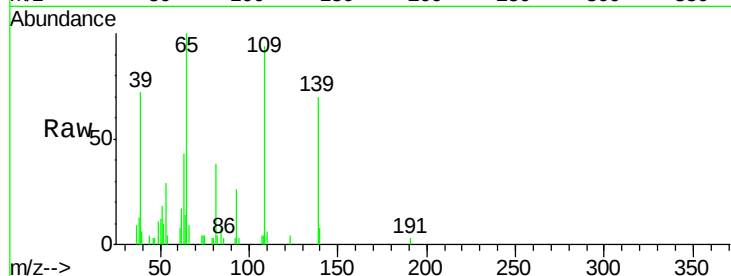
Tgt Ion:139 Resp: 8712

Ion Ratio Lower Upper

139 100

109 135.4 90.5 130.5#

65 143.7 99.9 139.9#



#56

2,4-Dinitrotoluene

Concen: 3.48 ng

RT: 14.69 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Tgt Ion:165 Resp: 7354

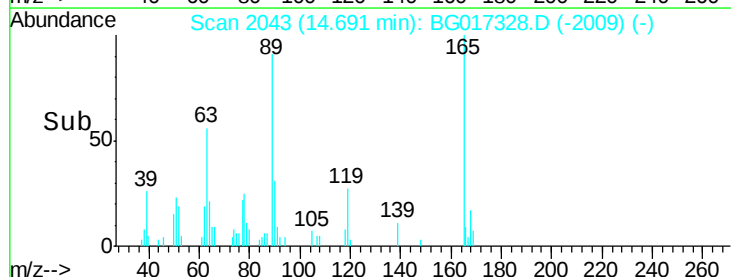
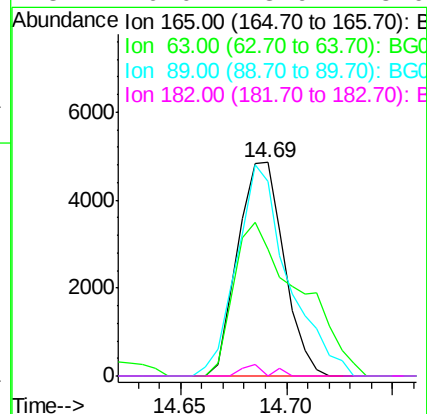
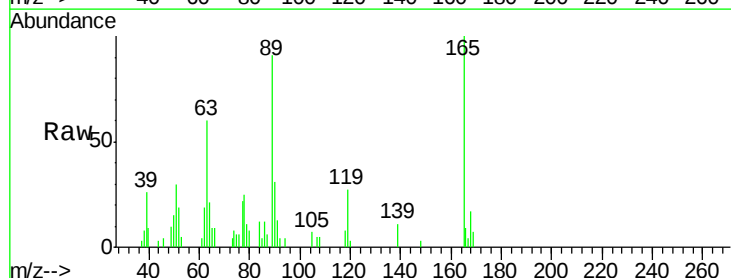
Ion Ratio Lower Upper

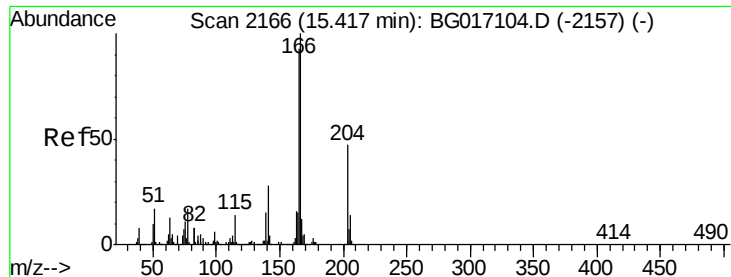
165 100

63 59.6 49.0 73.4

89 91.3 70.1 105.1

182 0.0 3.9 5.9#

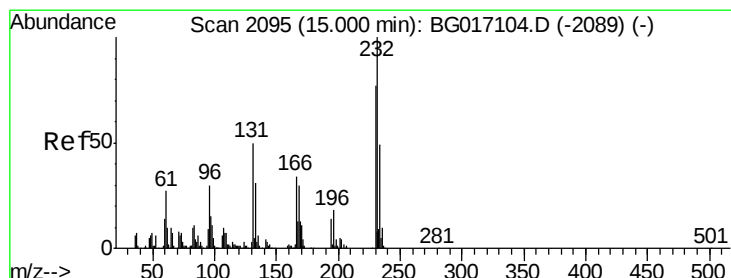
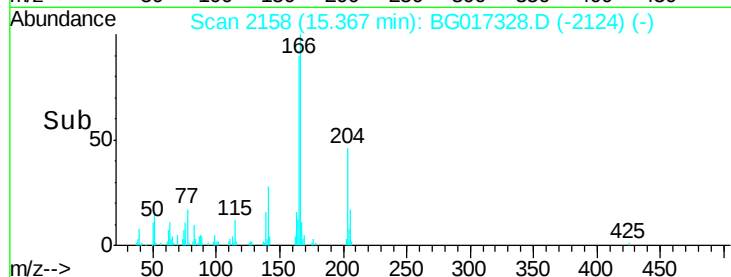
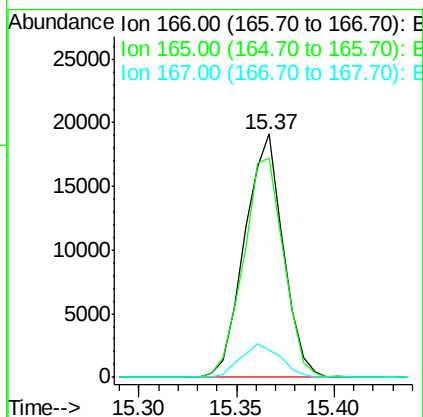
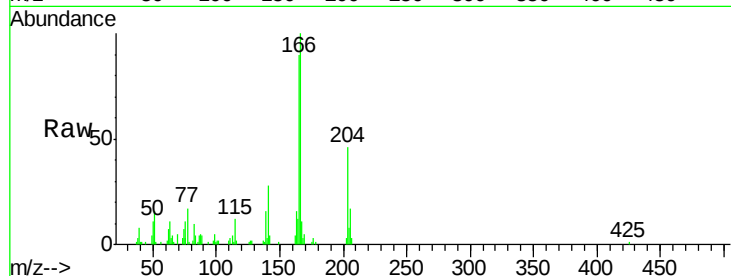




#57
Fluorene
 Concen: 3.93 ng
 RT: 15.37 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

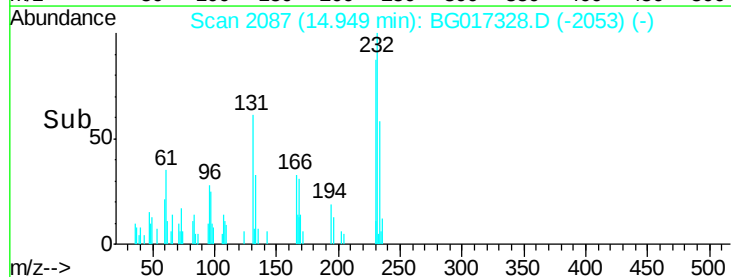
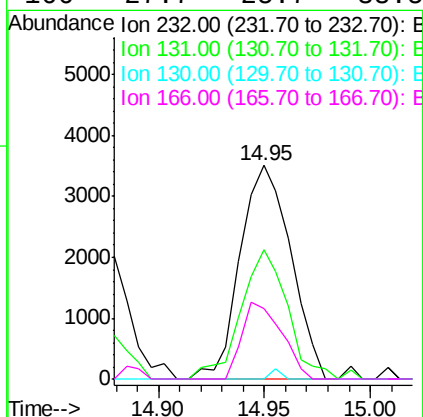
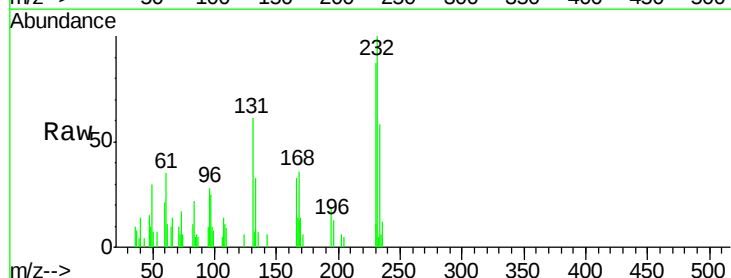
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

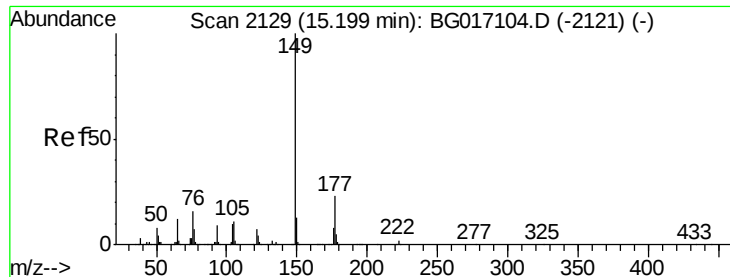
Tgt Ion:166 Resp: 26035
 Ion Ratio Lower Upper
 166 100
 165 90.0 74.2 111.4
 167 11.5 9.8 14.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 3.53 ng
 RT: 14.95 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:232 Resp: 5843
 Ion Ratio Lower Upper
 232 100
 131 56.2 42.7 64.1
 130 1.1 3.0 4.4#
 166 27.7 25.7 38.5





#59

Diethylphthalate

Concen: 3.75 ng

RT: 15.14 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

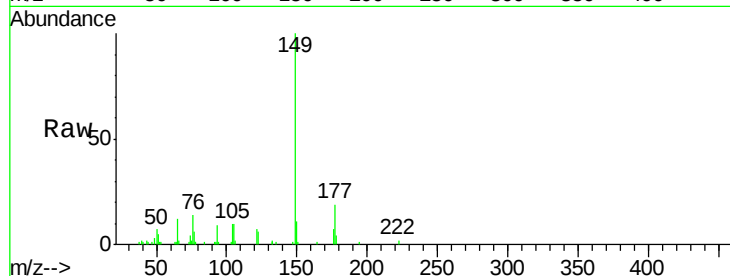
Tgt Ion:149 Resp: 27529

Ion Ratio Lower Upper

149 100

177 19.0 18.3 27.5

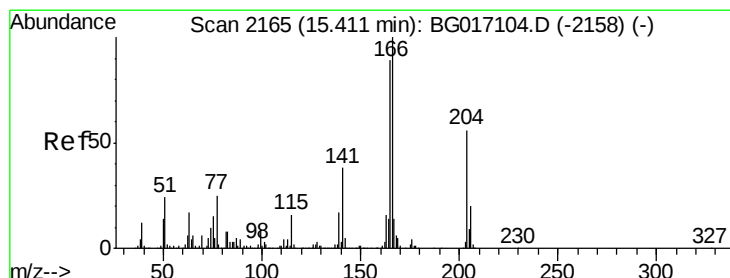
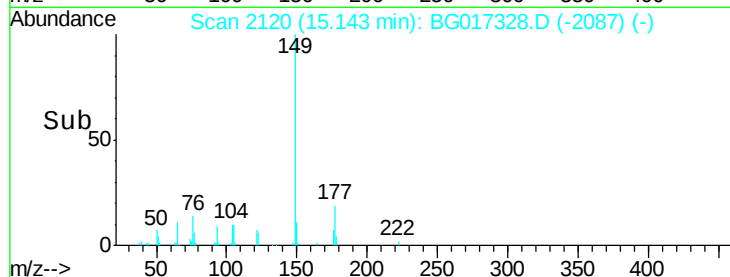
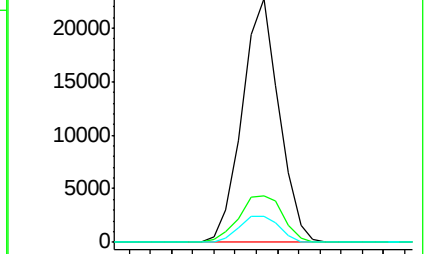
150 10.6 10.4 15.6



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: 3.96 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

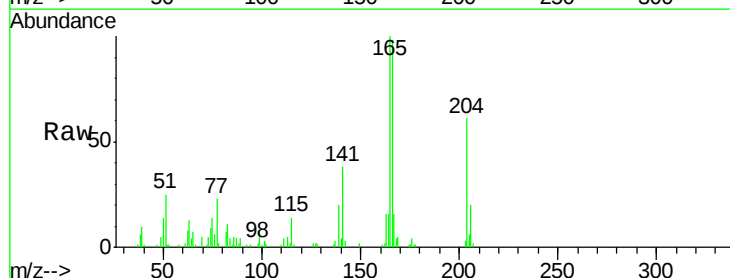
Tgt Ion:204 Resp: 13491

Ion Ratio Lower Upper

204 100

206 32.8 28.6 42.8

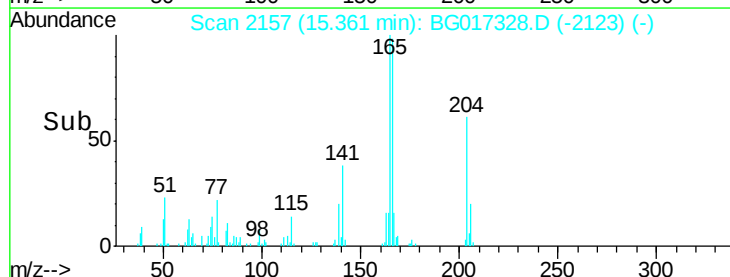
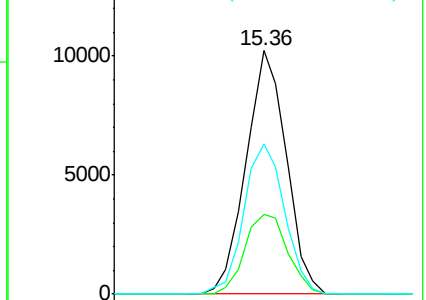
141 61.7 54.2 81.2

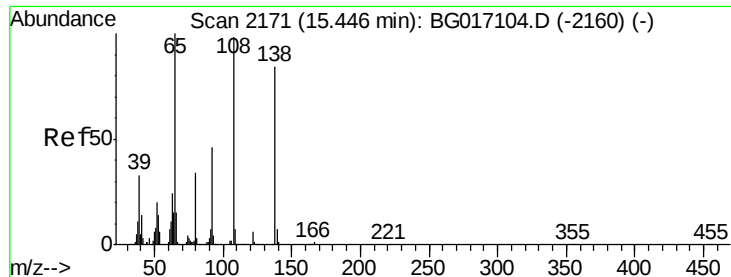


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

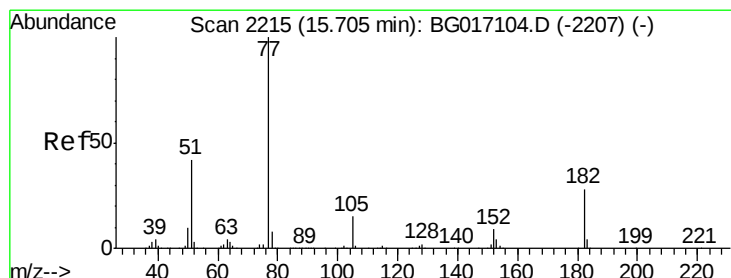
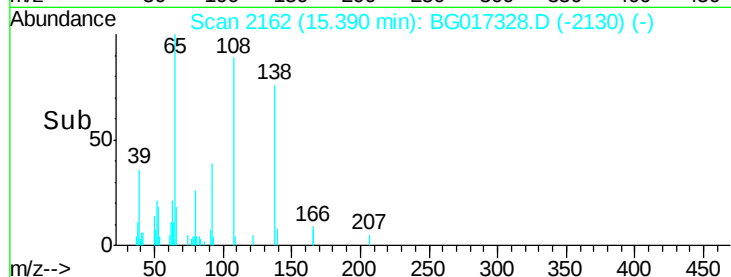
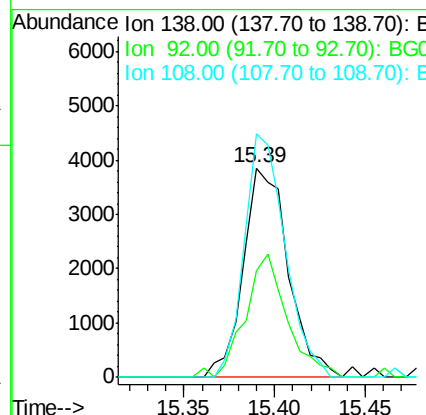
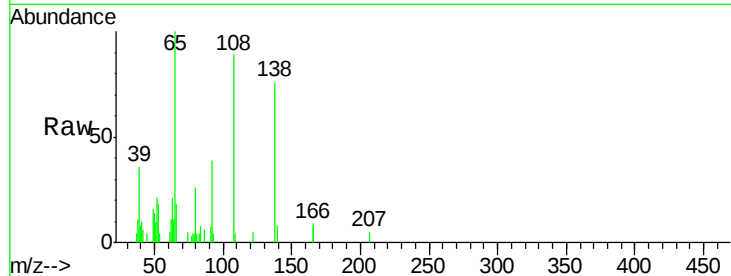




#61
4-Nitroaniline
Concen: 3.56 ng
RT: 15.39 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

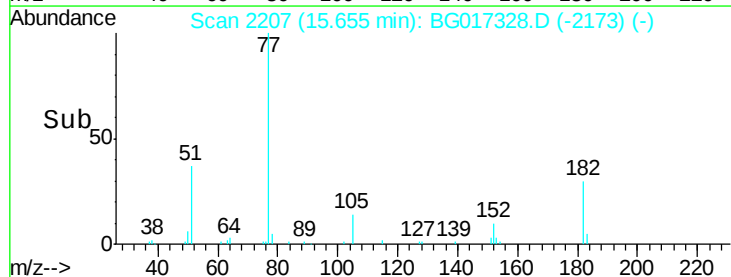
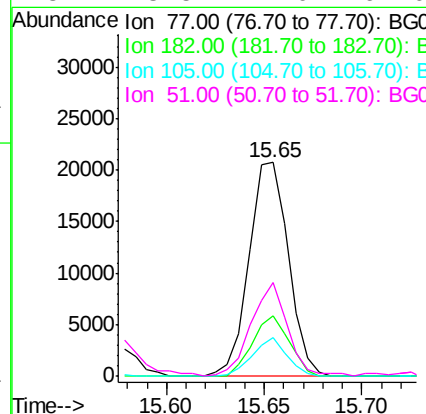
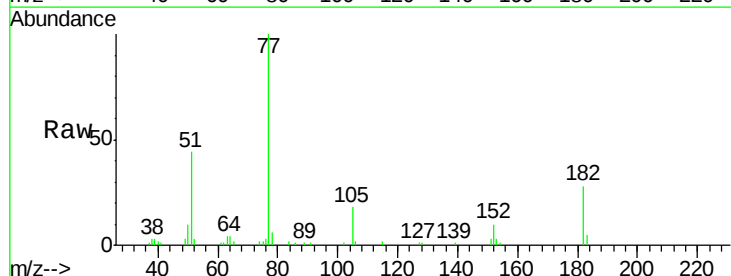
Instrument :
BNA_G
ClientSampleId :
PB83579BS

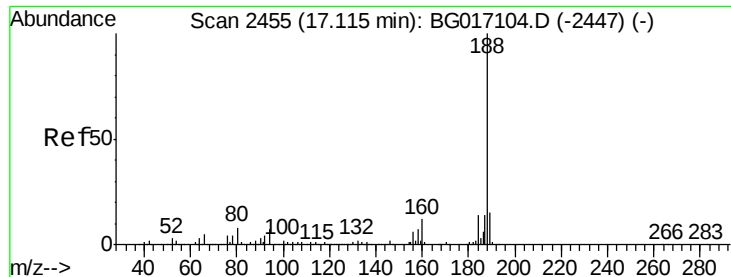
Tgt Ion: 138 Resp: 6676
Ion Ratio Lower Upper
138 100
92 50.7 34.9 74.9
108 116.2 95.8 135.8



#62
Azobenzene
Concen: 4.13 ng
RT: 15.65 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion: 77 Resp: 28940
Ion Ratio Lower Upper
77 100
182 28.3 8.1 48.1
105 17.9 0.0 34.8
51 43.5 22.0 62.0

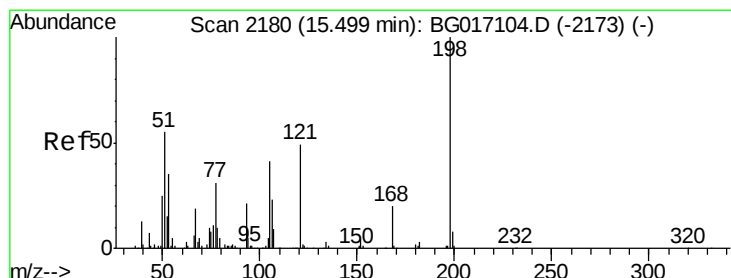
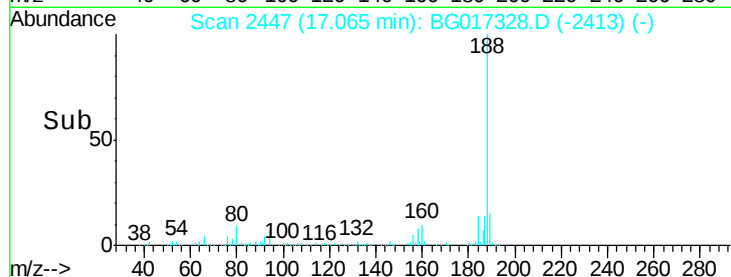
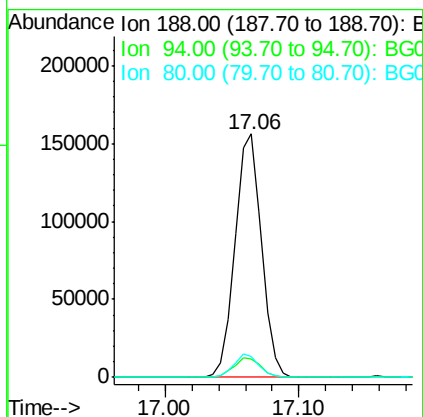
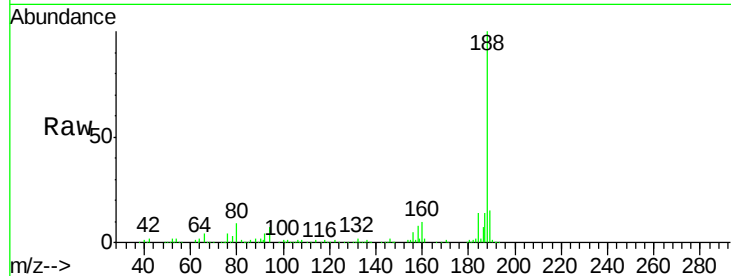




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

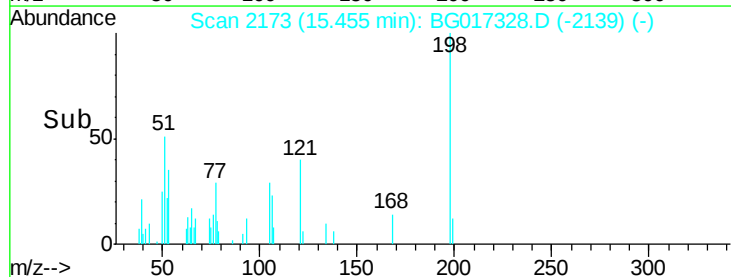
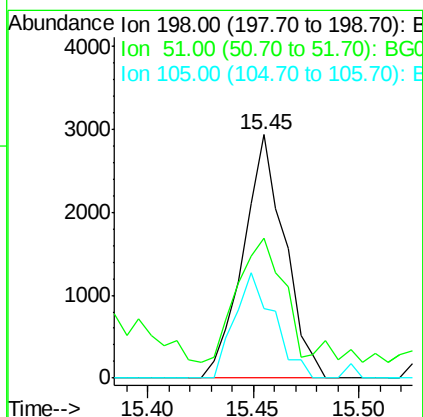
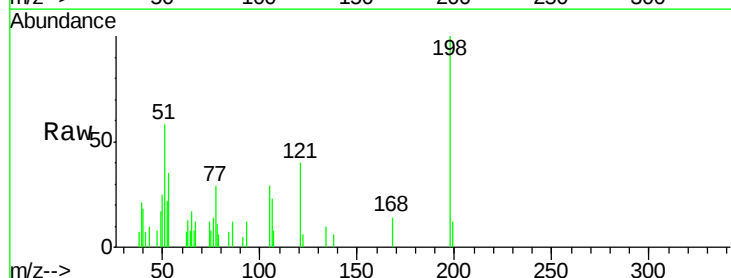
Instrument :
BNA_G
ClientSampleId :
PB83579BS

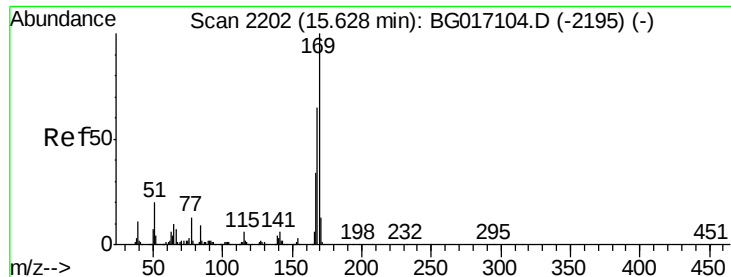
Tgt Ion:188 Resp: 215292
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.6 6.5 9.7



#64
4,6-Dinitro-2-methylphenol
Concen: 2.72 ng
RT: 15.45 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion:198 Resp: 4020
Ion Ratio Lower Upper
198 100
51 57.7 39.9 79.9
105 28.8 22.0 62.0

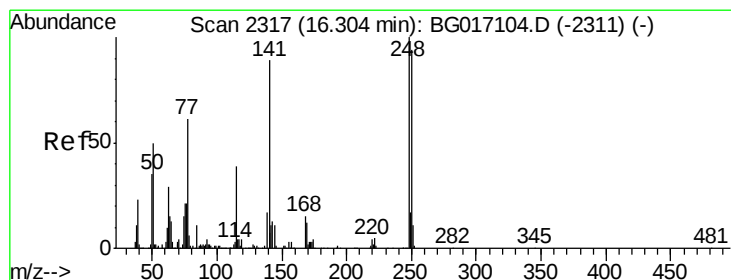
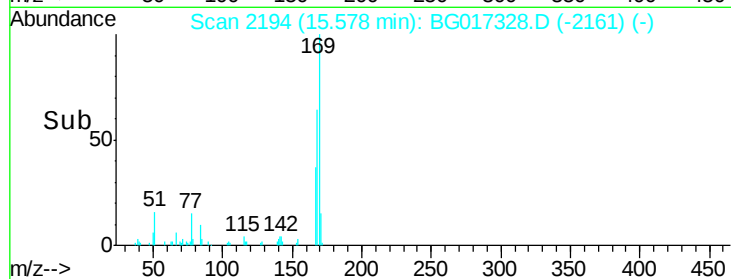
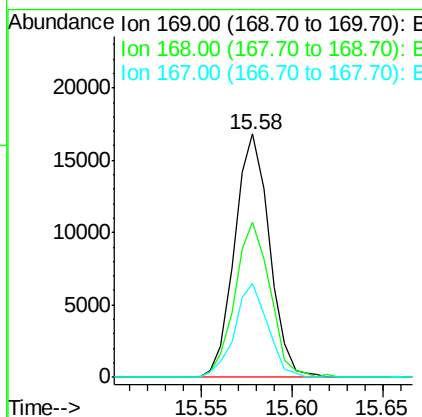
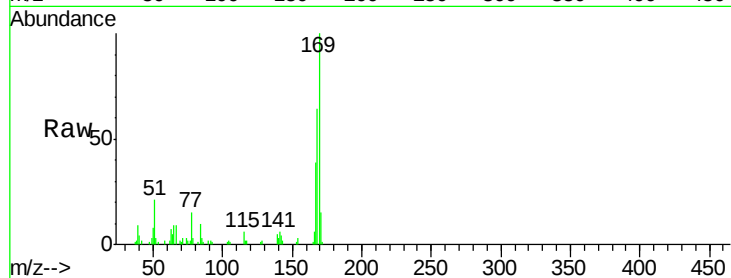




#65
 n-Nitrosodiphenylamine
 Concen: 3.40 ng
 RT: 15.58 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

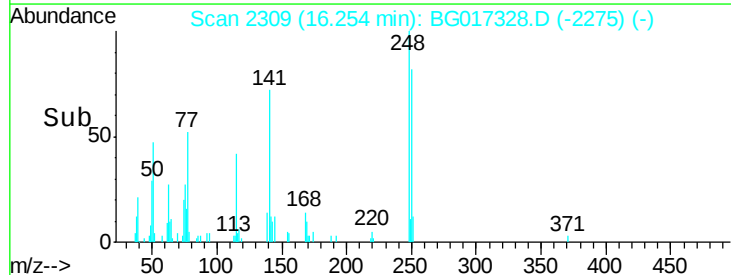
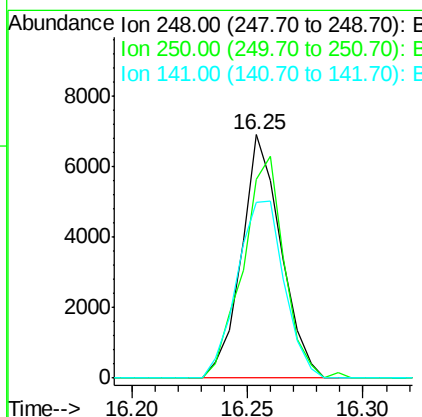
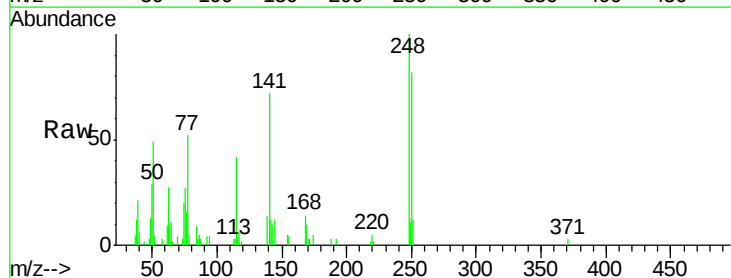
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

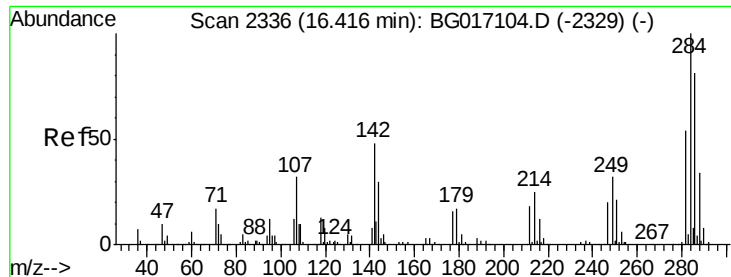
Tgt Ion:169 Resp: 22466
 Ion Ratio Lower Upper
 169 100
 168 63.9 51.7 77.5
 167 38.6 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 3.50 ng
 RT: 16.25 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:248 Resp: 8223
 Ion Ratio Lower Upper
 248 100
 250 81.7 75.0 112.4
 141 72.4 71.3 106.9

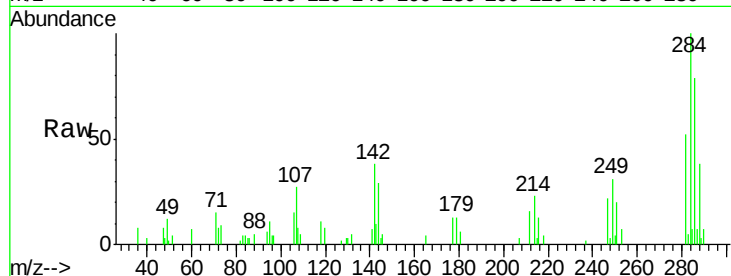




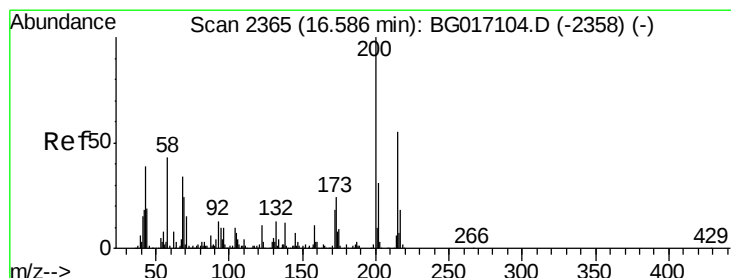
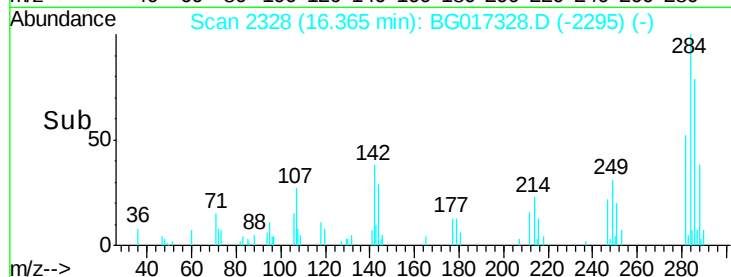
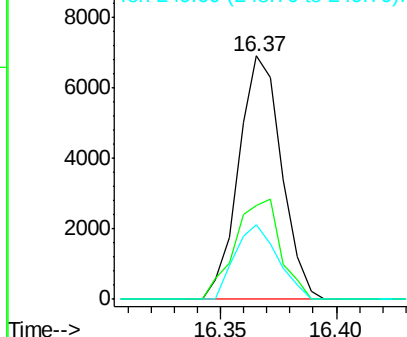
#67
Hexachlorobenzene
Concen: 3.61 ng
RT: 16.37 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Instrument :
BNA_G
ClientSampleId :
PB83579BS

Tgt Ion:284 Resp: 8948
Ion Ratio Lower Upper
284 100
142 38.3 38.2 57.2
249 30.9 25.2 37.8

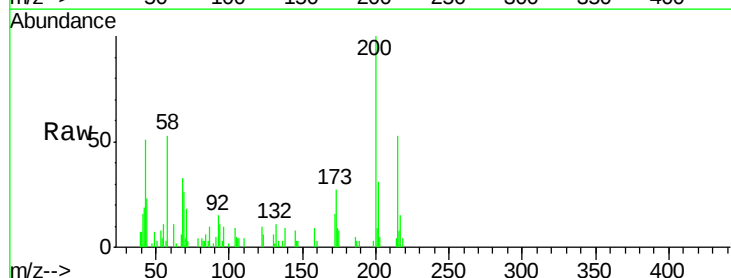


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

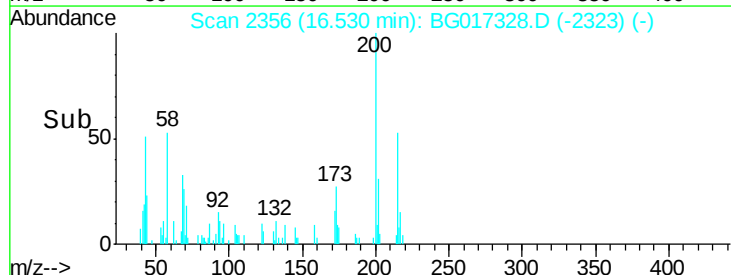
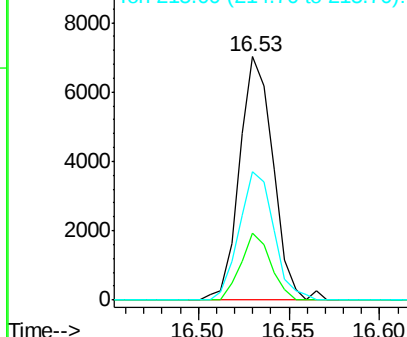


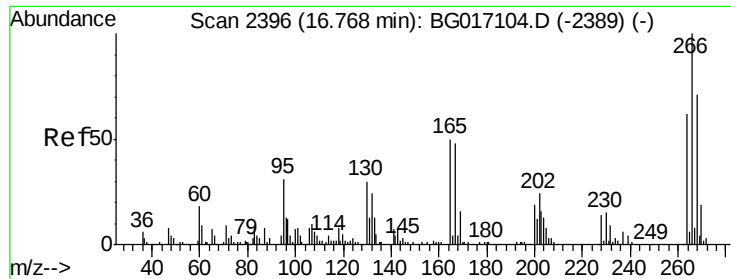
#68
Atrazine
Concen: 3.74 ng
RT: 16.53 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion:200 Resp: 9032
Ion Ratio Lower Upper
200 100
173 27.4 3.7 43.7
215 52.7 35.5 75.5



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





#69

Pentachlorophenol

Concen: 5.19 ng

RT: 16.72 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

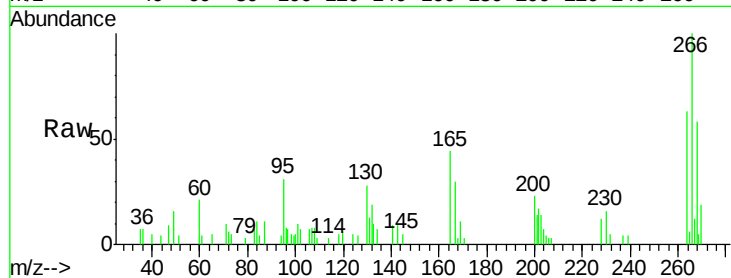
Tgt Ion:266 Resp: 8027

Ion Ratio Lower Upper

266 100

268 62.7 56.6 84.8

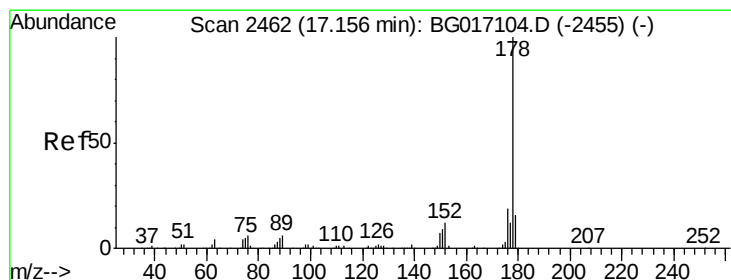
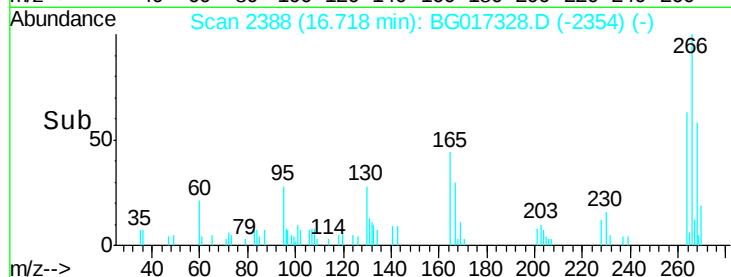
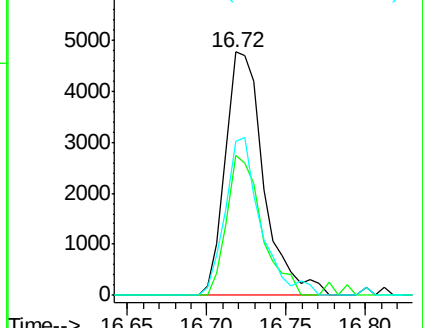
264 63.1 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3.66 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

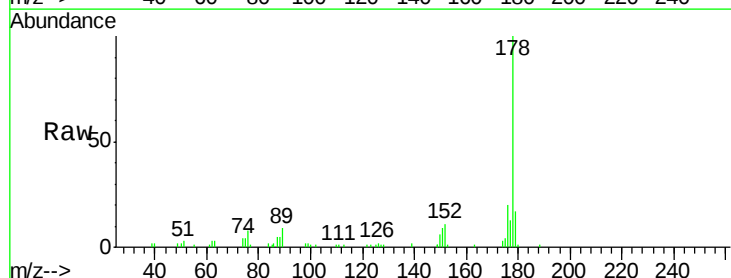
Tgt Ion:178 Resp: 40599

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

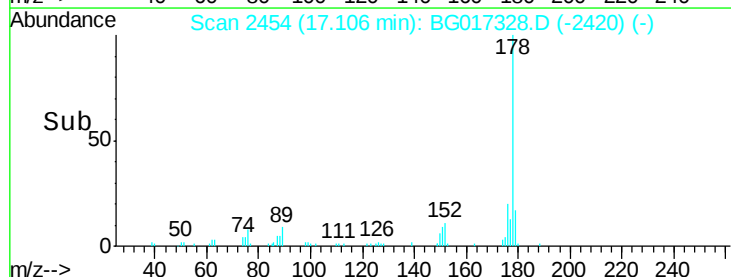
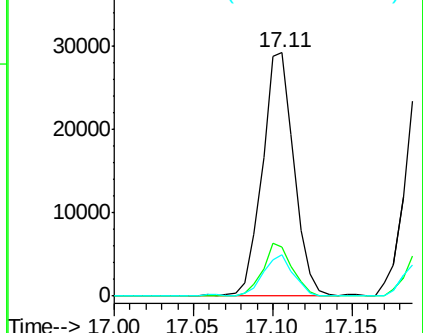
179 16.8 12.5 18.7

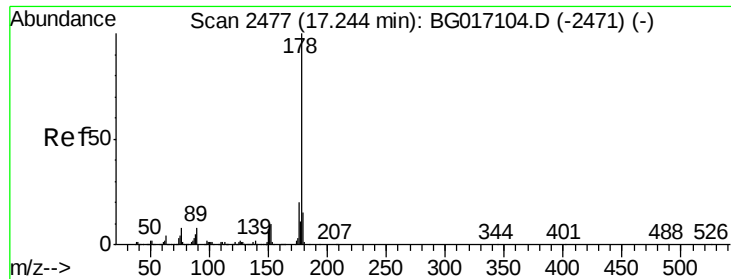


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.61 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.09 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

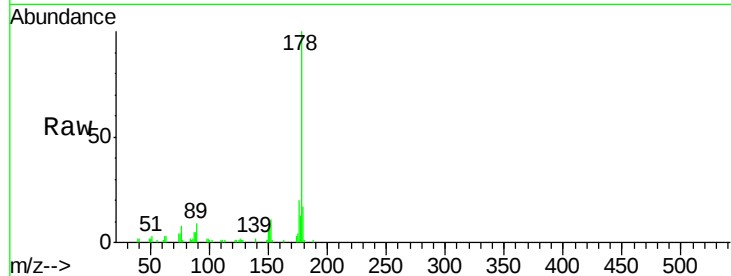
Tgt Ion:178 Resp: 40599

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

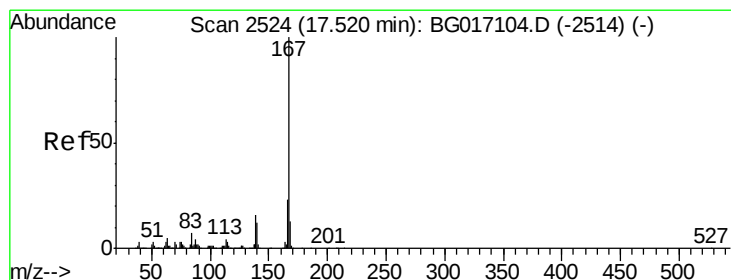
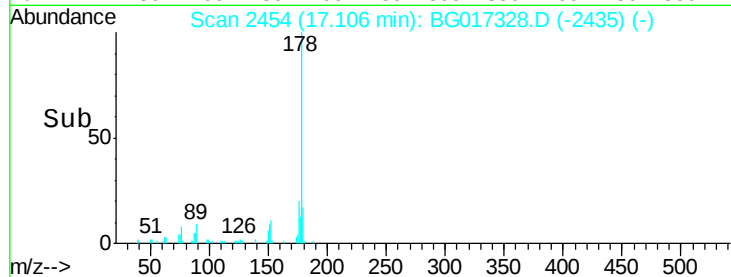
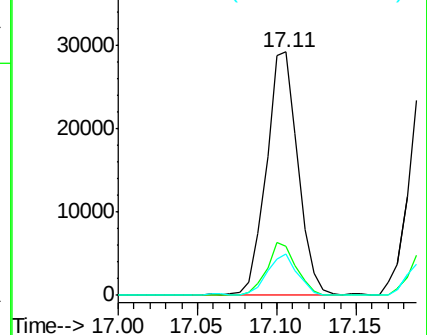
179 16.8 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.97 ng

RT: 17.47 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

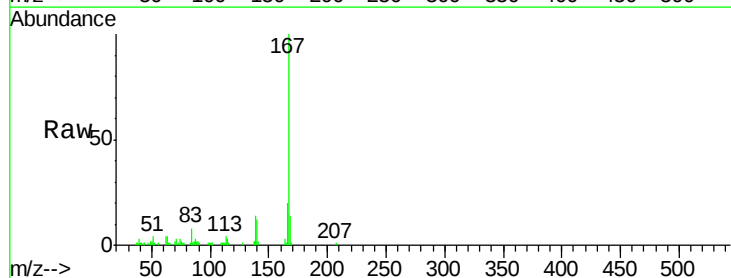
Tgt Ion:167 Resp: 41052

Ion Ratio Lower Upper

167 100

166 19.8 18.4 27.6

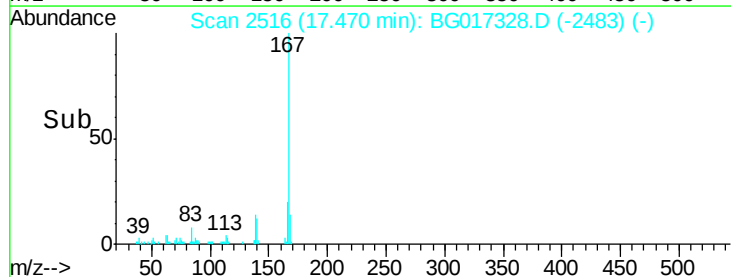
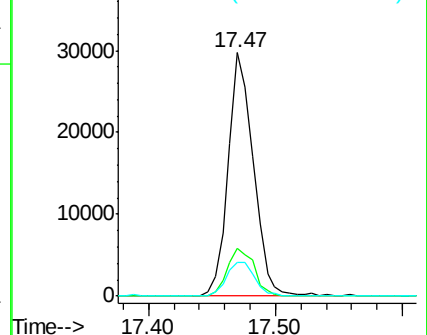
139 13.7 13.0 19.4

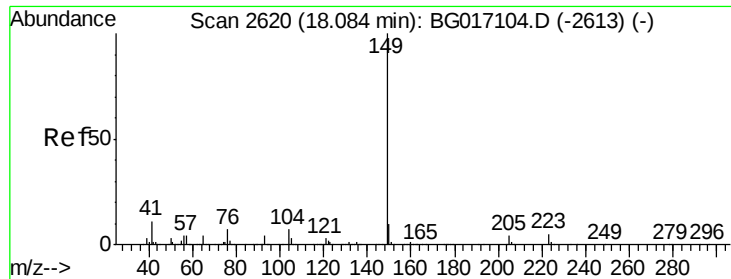


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

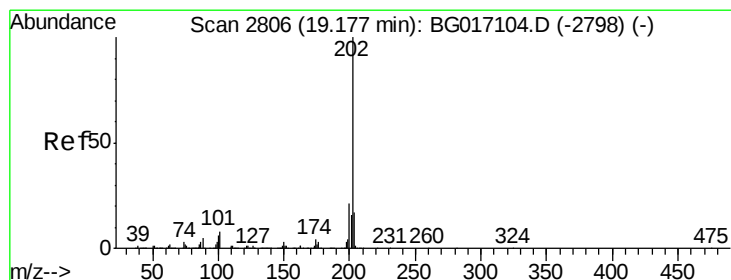
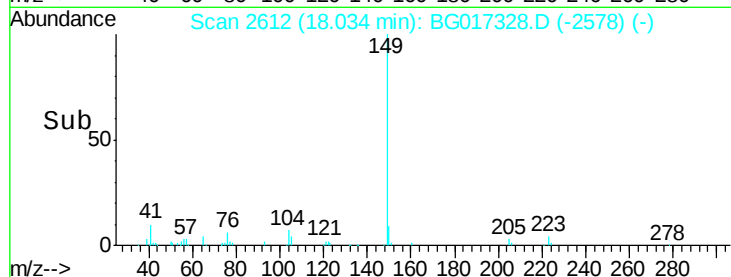
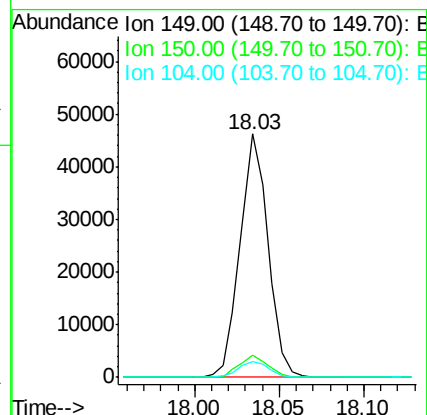
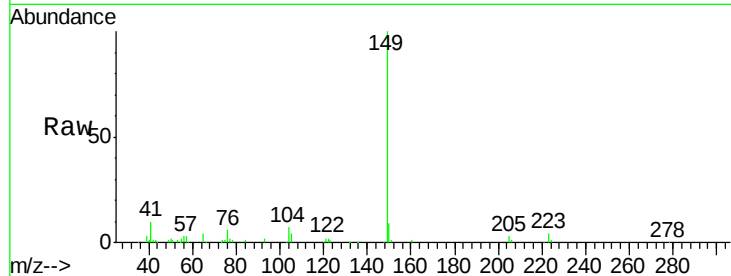




#73
Di-n-butylphthalate
Concen: 3.86 ng
RT: 18.03 min Scan# 2612
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

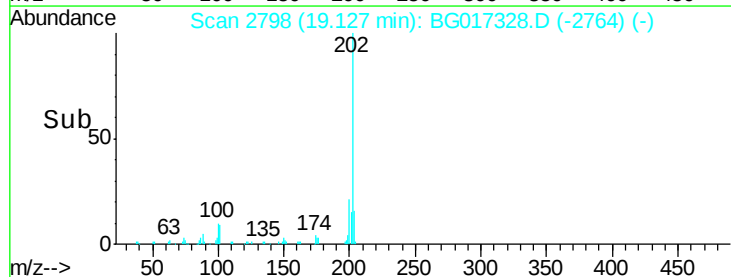
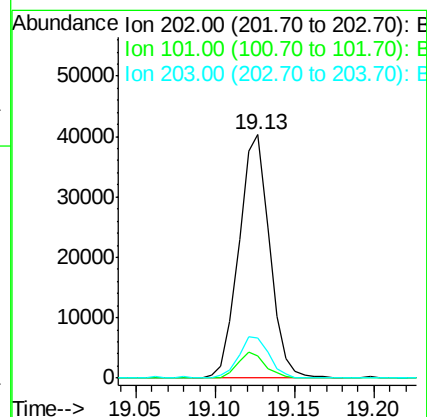
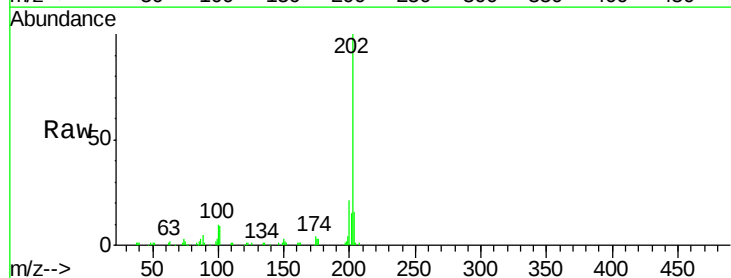
Instrument :
BNA_G
ClientSampleId :
PB83579BS

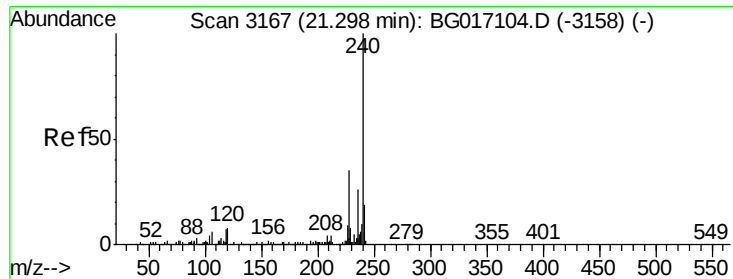
Tgt Ion:149 Resp: 53465
Ion Ratio Lower Upper
149 100
150 9.4 8.2 12.4
104 6.6 5.7 8.5



#74
Fluoranthene
Concen: 4.05 ng
RT: 19.13 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion:202 Resp: 54024
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.3
203 16.4 0.0 37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

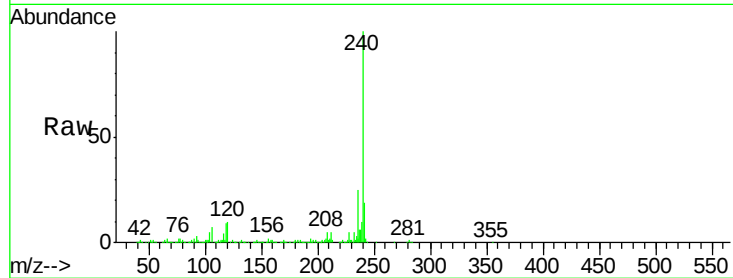
Tgt Ion:240 Resp: 275258

Ion Ratio Lower Upper

240 100

120 10.1 6.0 9.0#

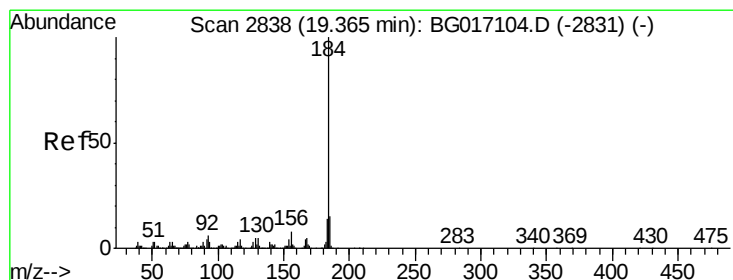
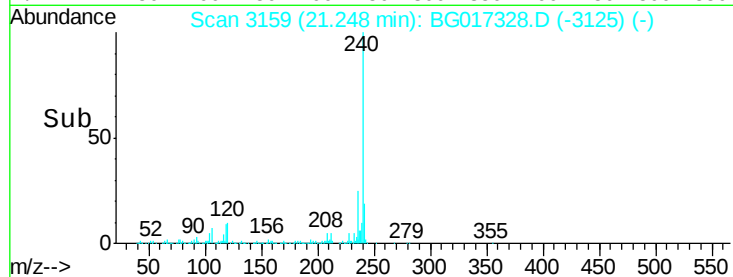
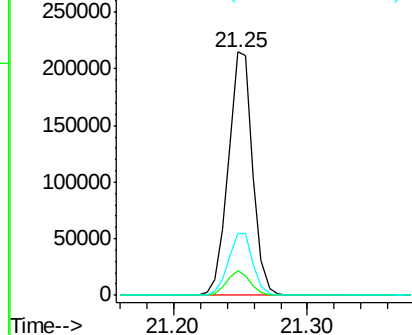
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.98 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

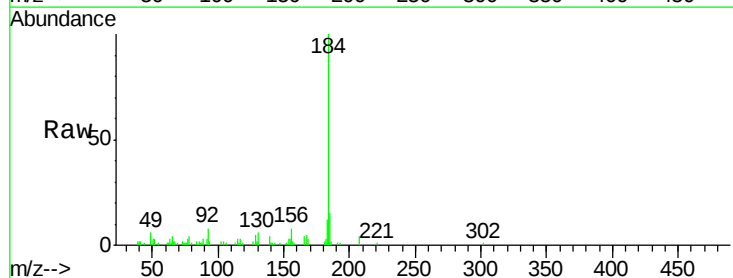
Tgt Ion:184 Resp: 26795

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

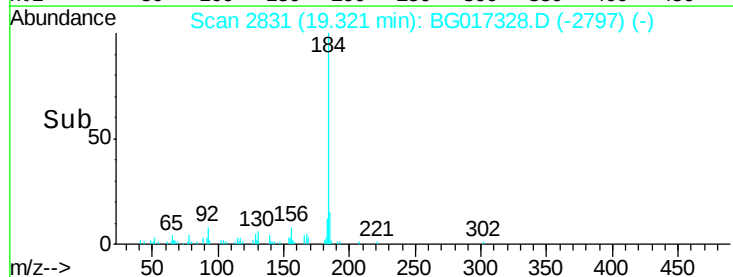
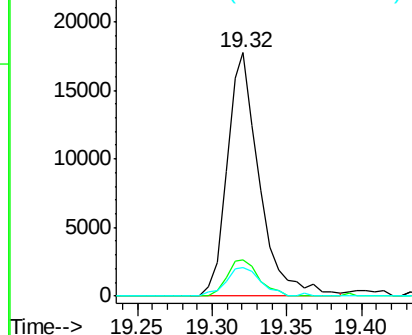
183 11.7 11.4 17.2

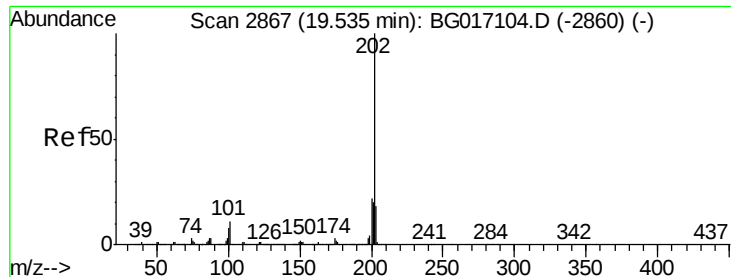


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 3.33 ng

RT: 19.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

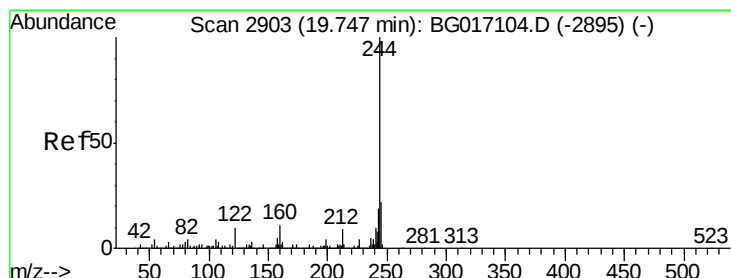
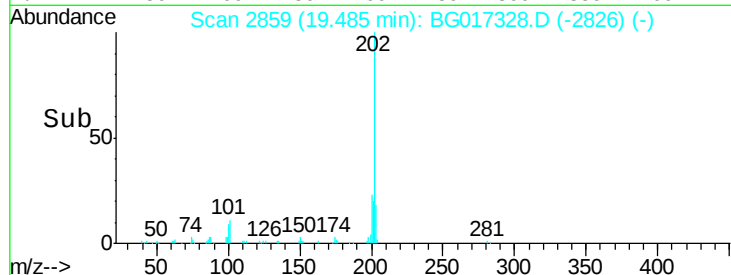
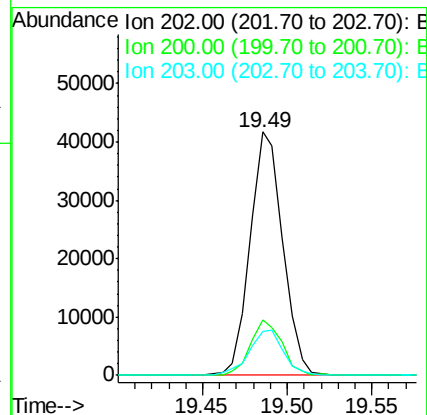
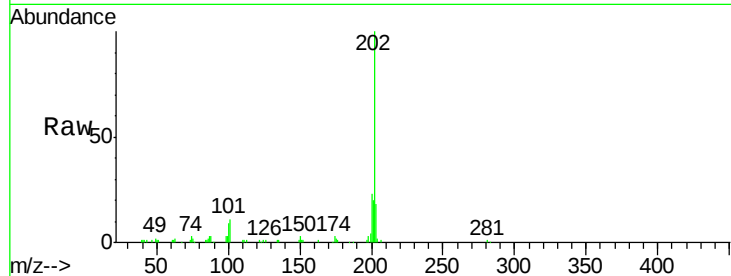
Instrument :

BNA_G

ClientSampled :

PB83579BS

Tgt Ion:	202	Resp:	56169
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.8
203	18.2	14.4	21.6



#78

Terphenyl-d14

Concen: 6.71 ng

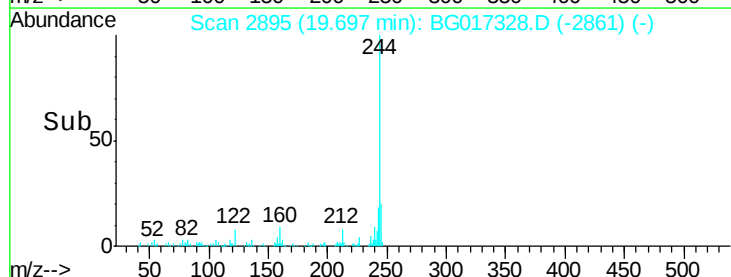
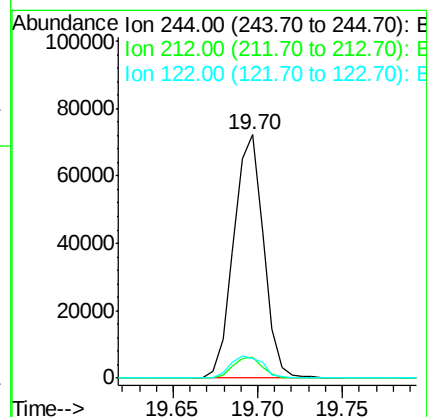
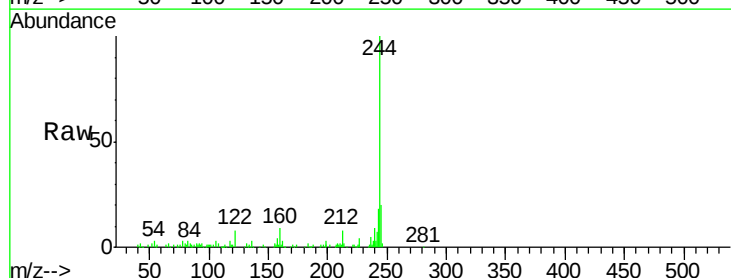
RT: 19.70 min Scan# 2895

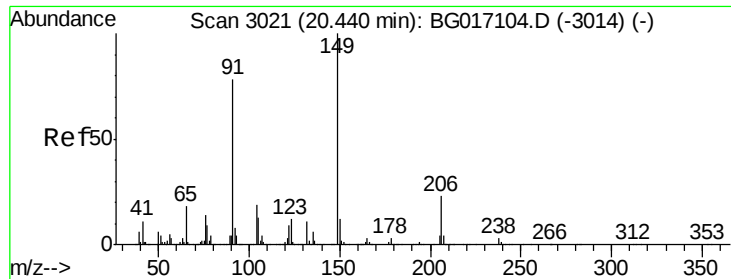
Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Tgt Ion:	244	Resp:	88573
Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	8.2	8.4	12.6#

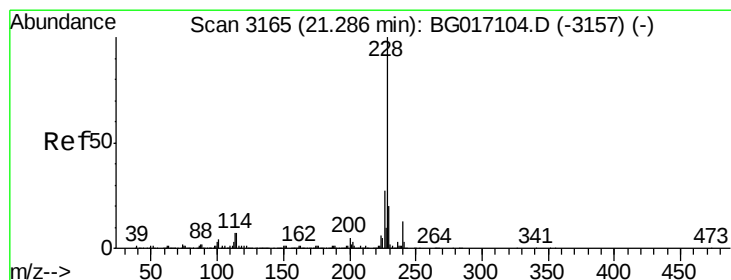
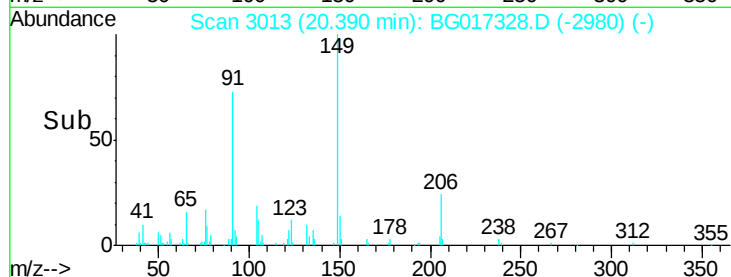
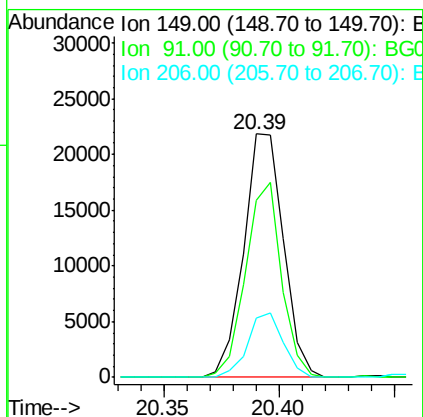
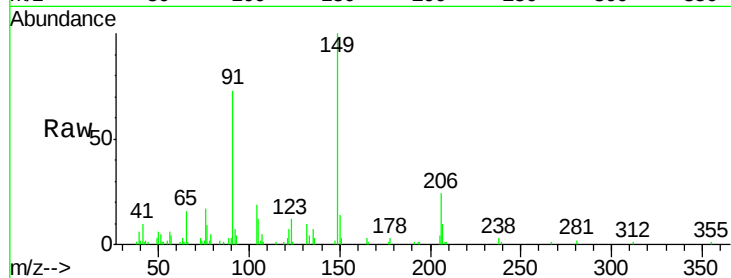




#79
Butylbenzylphthalate
Concen: 3.43 ng
RT: 20.39 min Scan# 3013
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

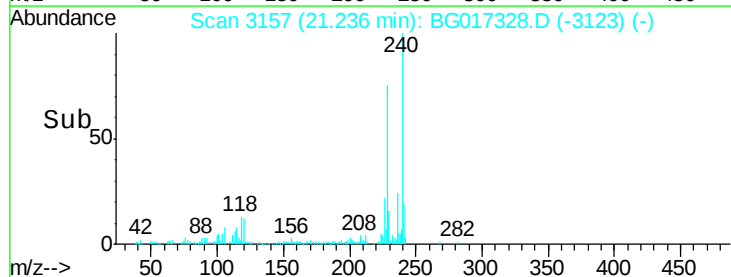
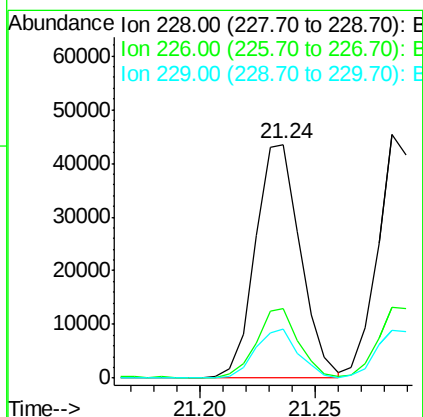
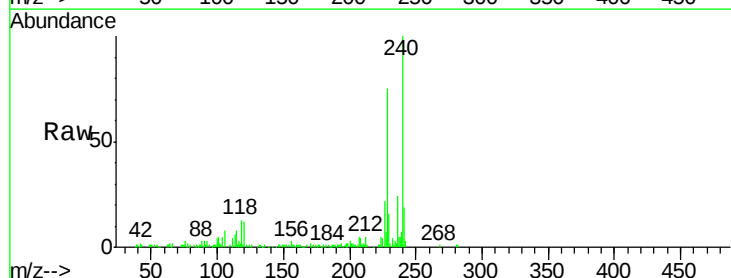
Instrument :
BNA_G
ClientSampleId :
PB83579BS

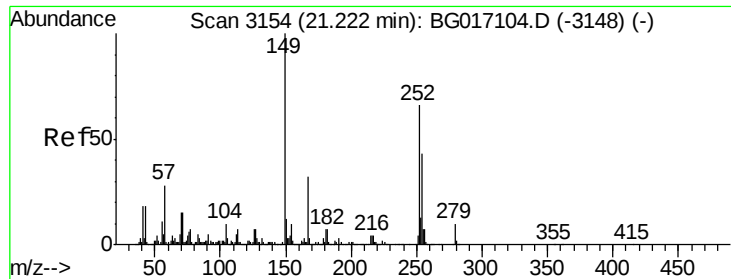
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	62.0	93.0
206	24.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 3.73 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.7	32.5
229	21.2	16.1	24.1

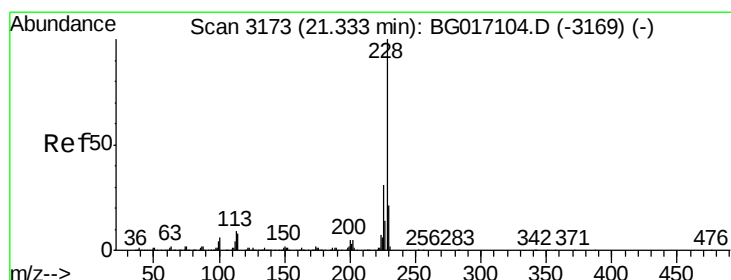
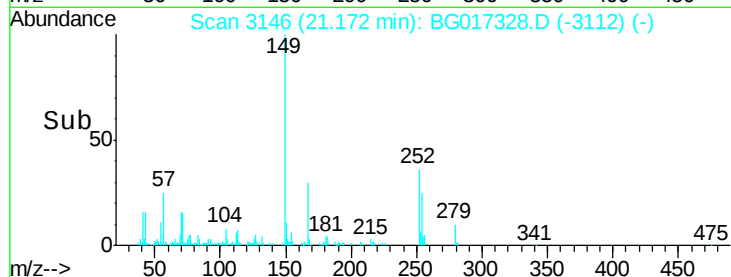
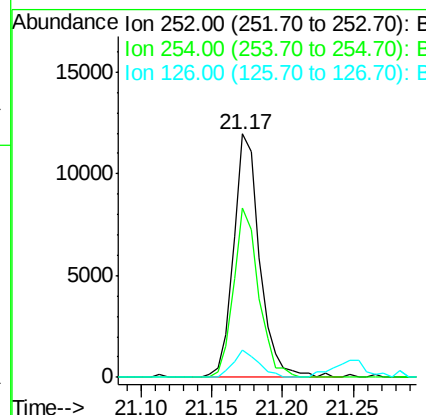
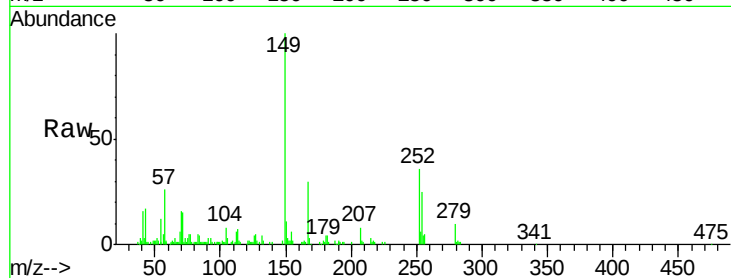




#81
 3,3'-Dichlorobenzidine
 Concen: 2.52 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

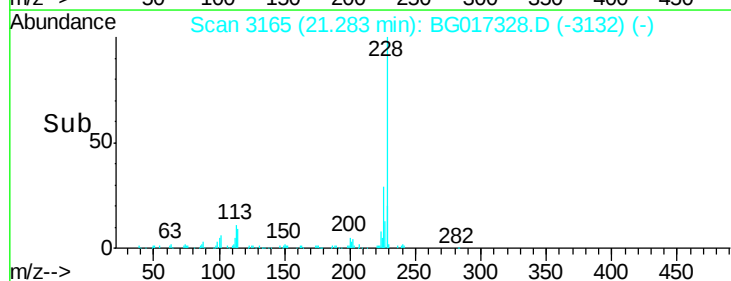
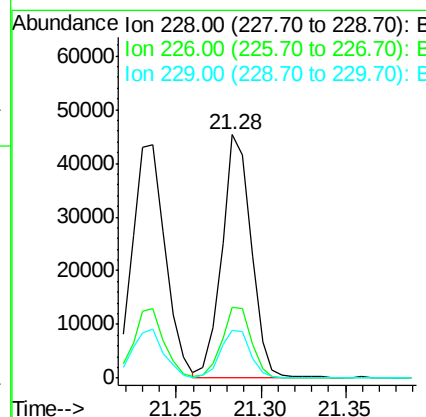
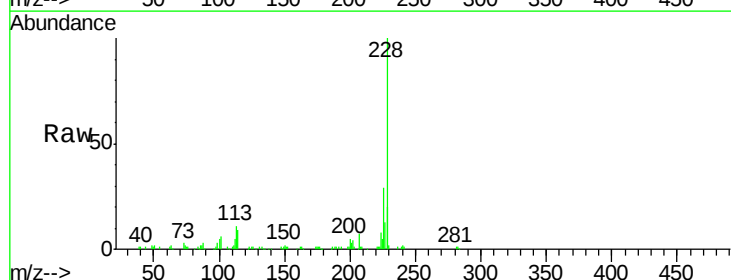
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

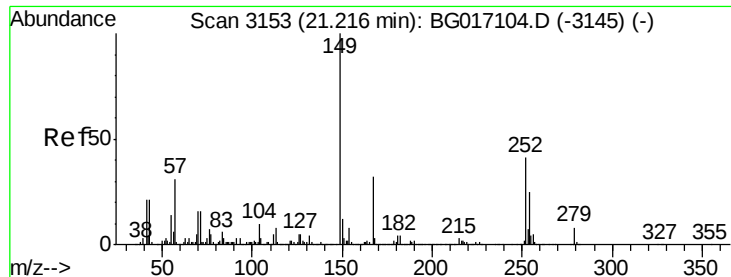
Tgt Ion:252 Resp: 15389
 Ion Ratio Lower Upper
 252 100
 254 69.5 52.1 78.1
 126 11.3 8.8 13.2



#82
 Chrysene
 Concen: 3.75 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Tgt Ion:228 Resp: 55097
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.8 37.2
 229 19.8 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.73 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

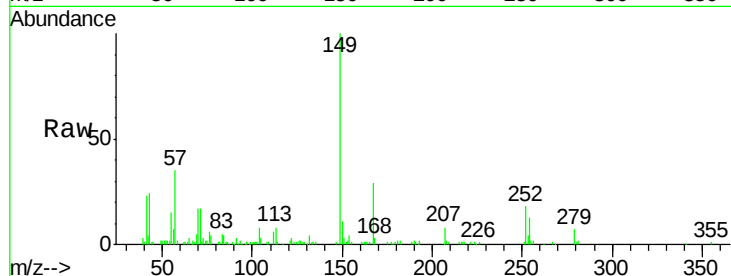
Tgt Ion:149 Resp: 40751

Ion Ratio Lower Upper

149 100

167 29.3 25.4 38.2

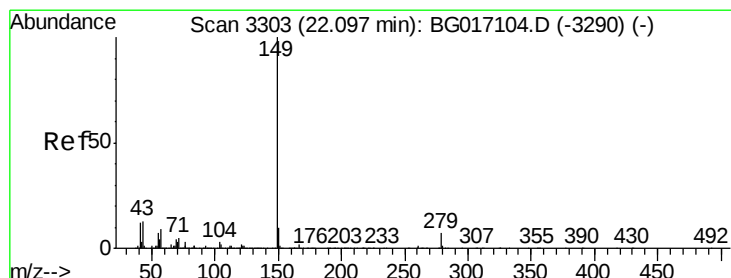
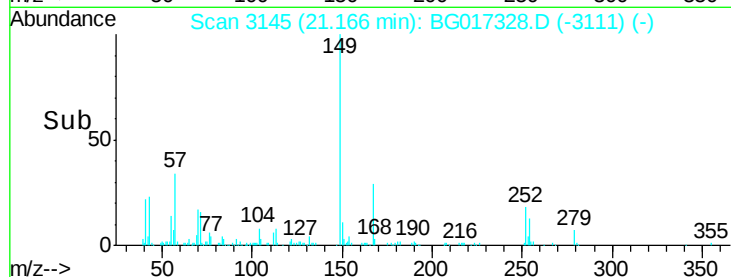
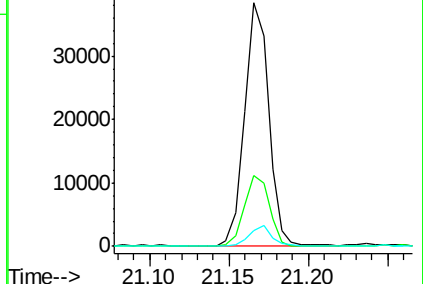
279 6.5 6.8 10.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 3.51 ng

RT: 22.04 min Scan# 3294

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

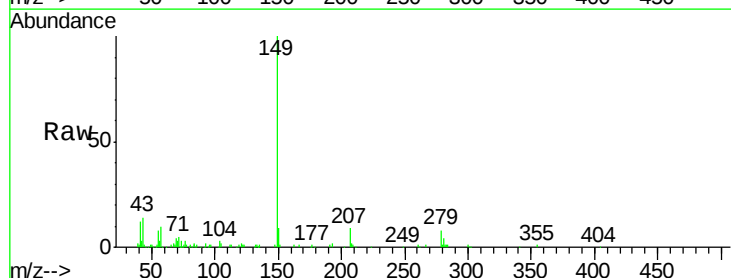
Tgt Ion:149 Resp: 63848

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

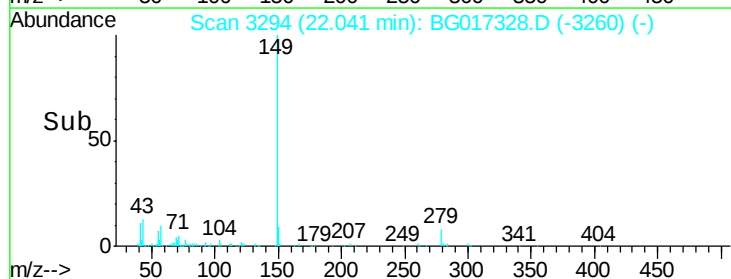
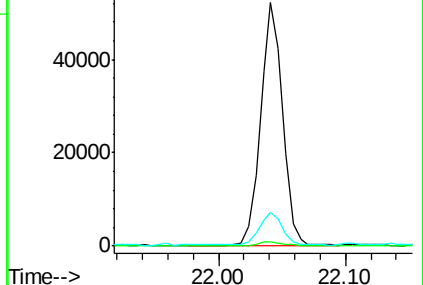
43 14.2 10.9 16.3

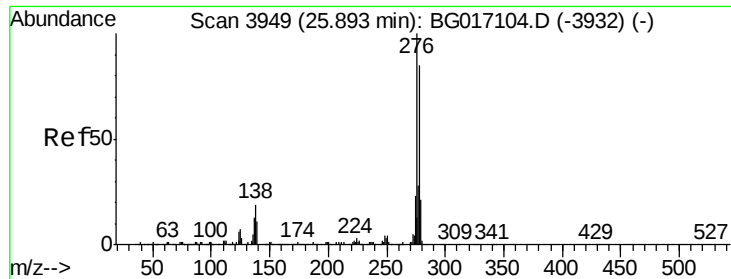


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.60 ng

RT: 25.77 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

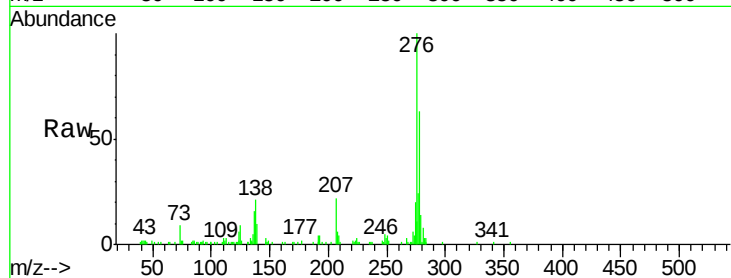
Tgt Ion:276 Resp: 63222

Ion Ratio Lower Upper

276 100

138 21.9 16.0 24.0

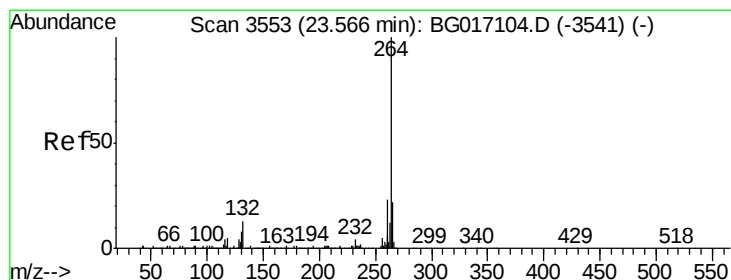
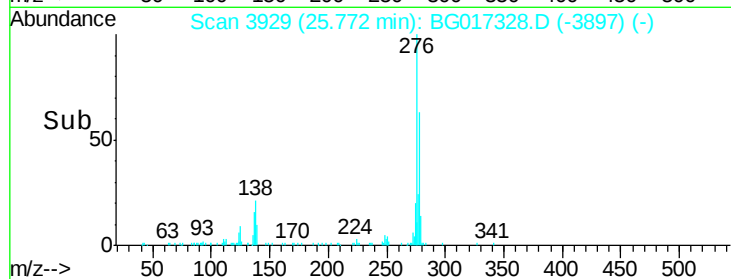
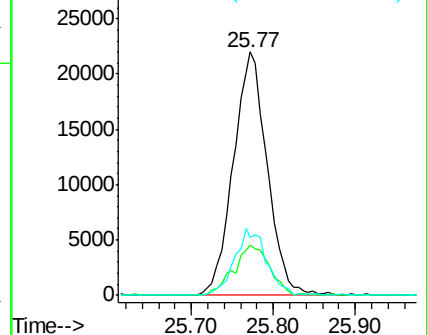
277 25.6 20.9 31.3



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# 3541

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

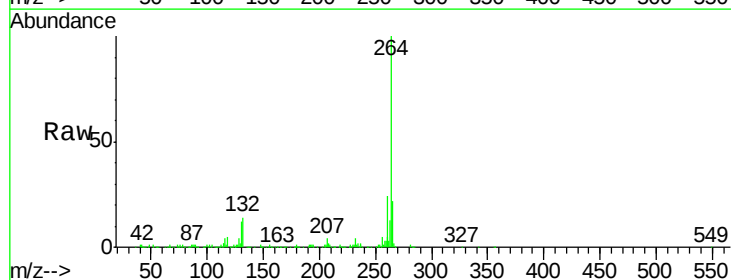
Tgt Ion:264 Resp: 270954

Ion Ratio Lower Upper

264 100

260 24.1 18.0 27.0

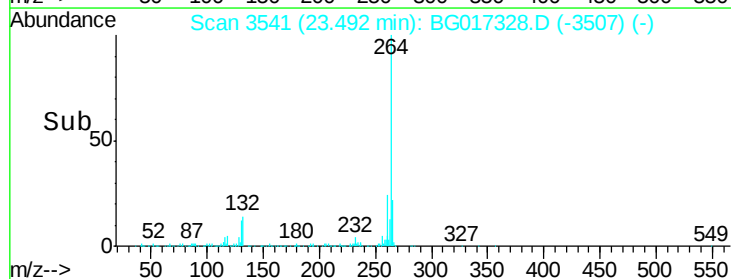
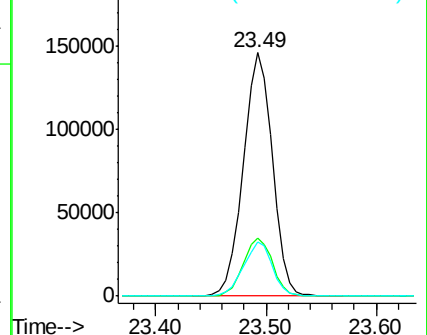
265 22.1 17.4 26.0

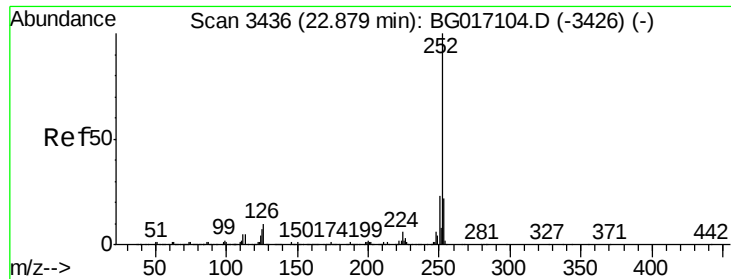


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

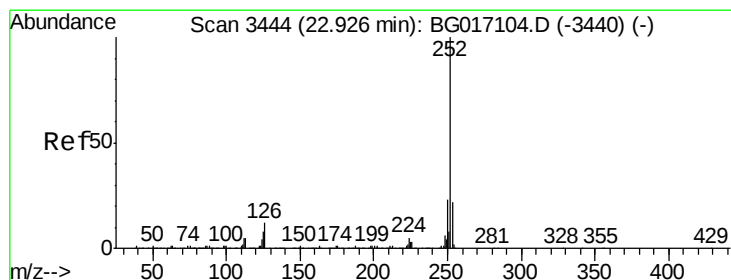
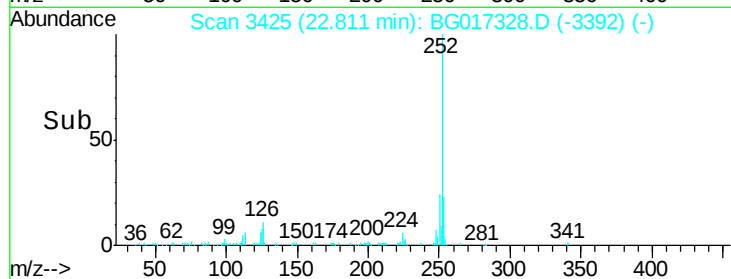
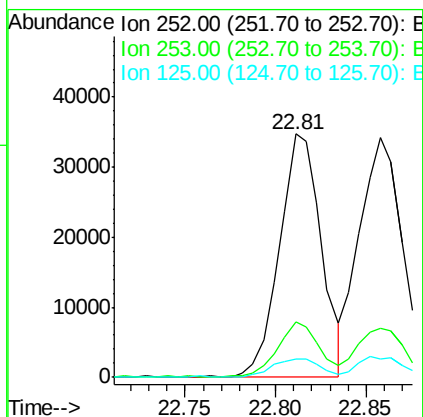
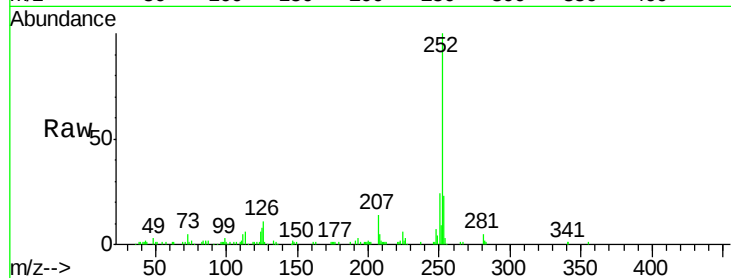




#87
Benzo(b)fluoranthene
Concen: 3.54 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

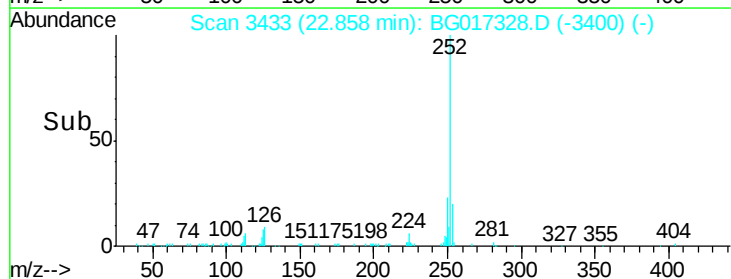
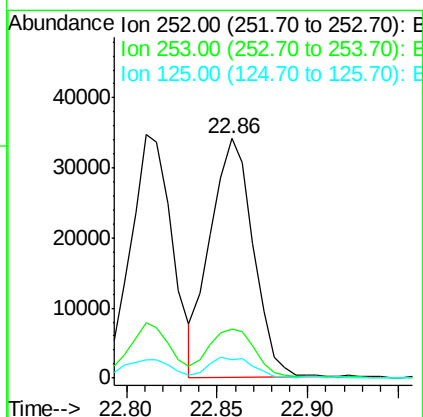
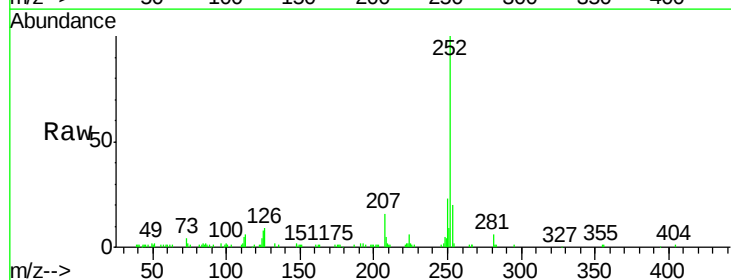
Instrument :
BNA_G
ClientSampleId :
PB83579BS

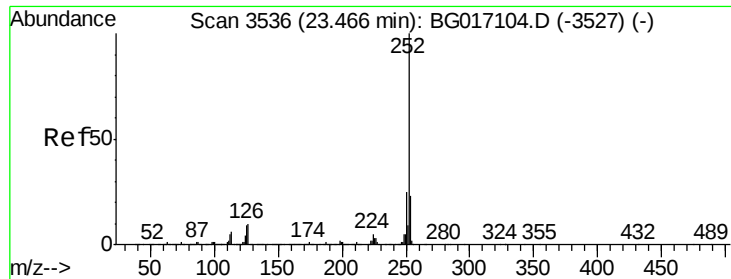
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	7.6	5.9	8.9



#88
Benzo(k)fluoranthene
Concen: 3.74 ng
RT: 22.86 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BG017328.D
Acq: 28 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.8	26.6
125	7.6	6.4	9.6





#89

Benzo(a)pyrene

Concen: 3.68 ng

RT: 23.39 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

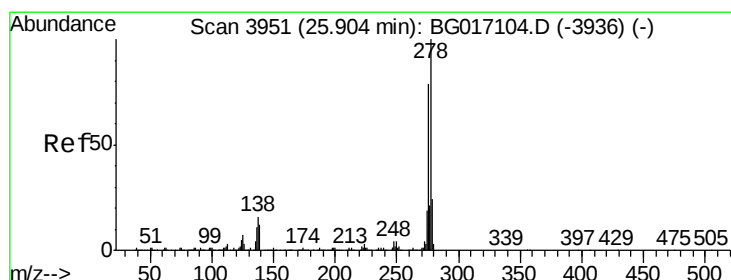
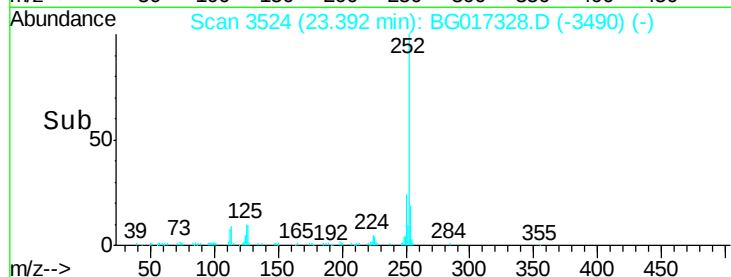
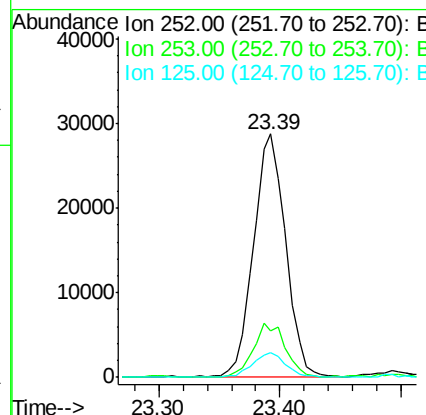
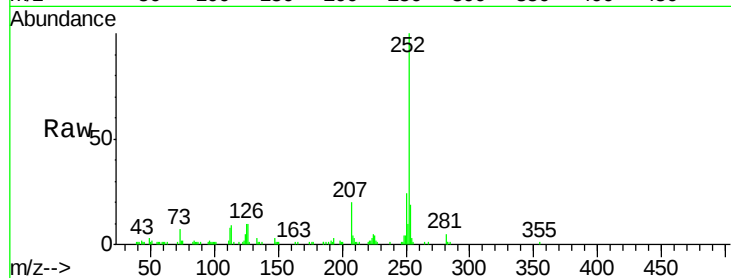
Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tgt Ion:	252	Resp:	53398
Ion	Ratio	Lower	Upper
252	100		
253	19.3	18.4	27.6
125	10.4	7.2	10.8



#90

Dibenzo(a,h)anthracene

Concen: 3.63 ng

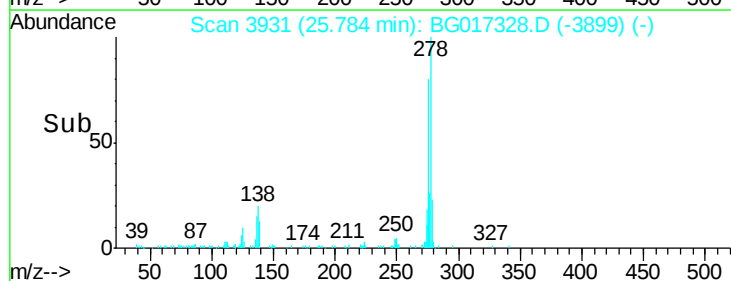
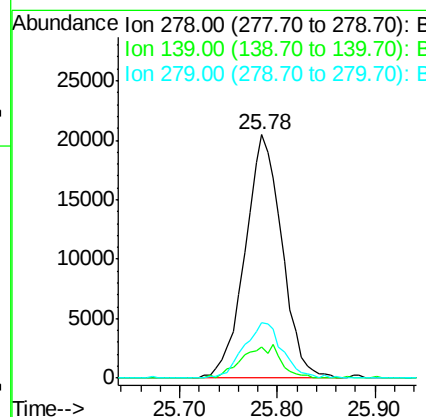
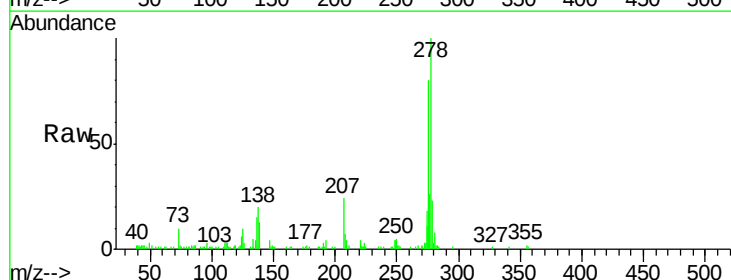
RT: 25.78 min Scan# 3931

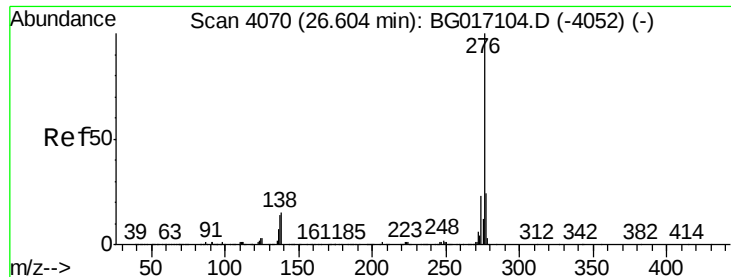
Delta R.T. -0.01 min

Lab File: BG017328.D

Acq: 28 May 2015 16:51

Tgt Ion:	278	Resp:	54004
Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.4	14.2
279	22.9	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 3.69 ng
 RT: 26.48 min Scan# 4049
 Delta R.T. -0.01 min
 Lab File: BG017328.D
 Acq: 28 May 2015 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	15.3	11.8	17.8

