

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016927.D
 Acq On : 7 May 2015 17:10
 Operator : TP/IZ
 Sample : PB83110BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

Quant Time: May 08 02:29:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69262	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	307407	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	205101	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	442501	20.00	ng	0.00
75) Chrysene-d12	21.36	240	430980	20.00	ng	0.00
86) Perylene-d12	23.66	264	417260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	587920	147.80	ng	0.00
7) Phenol-d6	6.97	99	822063	144.65	ng	0.01
23) Nitrobenzene-d5	8.96	82	520824	82.77	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	292123	141.88	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1043132	76.75	ng	0.00
78) Terphenyl-d14	19.81	244	1570394	85.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	53732	32.23	ng	# 1
3) Pyridine	3.68	79	161961	31.43	ng	97
4) n-Nitrosodimethylamine	3.60	42	116538	37.88	ng	99
6) Aniline	7.13	93	236207	29.60	ng	99
8) 2-Chlorophenol	7.36	128	199598	43.31	ng	96
9) Benzaldehyde	6.94	77	62602	13.59	ng	95
10) Phenol	6.99	94	277916	45.60	ng	97
11) bis(2-Chloroethyl)ether	7.23	93	190013	40.33	ng	97
12) 1,3-Dichlorobenzene	7.69	146	187625	36.92	ng	96
13) 1,4-Dichlorobenzene	7.83	146	192522	37.40	ng	100
14) 1,2-Dichlorobenzene	8.15	146	183181	37.08	ng	97
15) Benzyl Alcohol	8.03	79	212641	40.97	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	347087	39.79	ng	99
17) 2-Methylphenol	8.24	107	188061	43.82	ng	94
18) Hexachloroethane	8.87	117	79208	37.44	ng	94
19) n-Nitroso-di-n-propylamine	8.60	70	187529	37.63	ng	97
20) 3+4-Methylphenols	8.56	107	259956	43.96	ng	97
22) Acetophenone	8.62	105	301273	41.15	ng	# 94
24) Nitrobenzene	9.00	77	254505	40.05	ng	98
25) Isophorone	9.52	82	484882	38.16	ng	97
26) 2-Nitrophenol	9.71	139	110042	42.53	ng	97
27) 2,4-Dimethylphenol	9.77	122	212242	45.33	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	261144	40.72	ng	96
29) 2,4-Dichlorophenol	10.24	162	202747	45.83	ng	96
30) 1,2,4-Trichlorobenzene	10.46	180	180883	38.56	ng	91
31) Naphthalene	10.64	128	592553	38.75	ng	99
32) Benzoic acid	9.90	122	147312	51.00	ng	94
33) 4-Chloroaniline	10.75	127	159649	22.61	ng	98
34) Hexachlorobutadiene	10.93	225	106504	36.28	ng	97
35) Caprolactam	11.57	113	44020	19.15	ng	95
36) 4-Chloro-3-methylphenol	11.87	107	252711	44.61	ng	96
37) 2-Methylnaphthalene	12.25	142	459762	39.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	206469	37.24	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	276723	77.28	ng	99

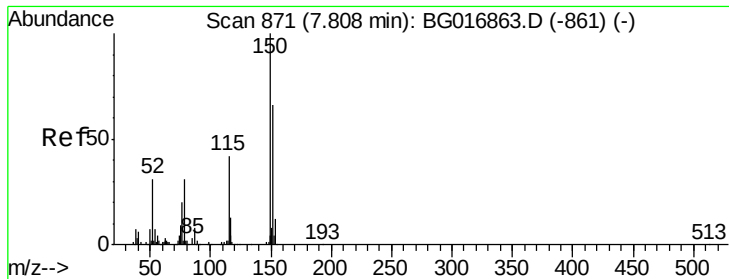
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016927.D
 Acq On : 7 May 2015 17:10
 Operator : TP/IZ
 Sample : PB83110BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	159259	40.53	ng	92
43) 2,4,5-Trichlorophenol	12.93	196	167325	40.12	ng	97
45) 1,1'-Biphenyl	13.27	154	593040	40.39	ng	96
46) 2-Chloronaphthalene	13.31	162	455574	39.17	ng	98
47) 2-Nitroaniline	13.52	65	192264	47.49	ng	97
48) Acenaphthylene	14.16	152	777918	38.41	ng	99
49) Dimethylphthalate	13.90	163	620246	40.50	ng	99
50) 2,6-Dinitrotoluene	14.02	165	139454	43.86	ng	94
51) Acenaphthene	14.50	154	459956	38.16	ng	96
52) 3-Nitroaniline	14.34	138	118263	32.69	ng	91
53) 2,4-Dinitrophenol	14.55	184	145350	99.94	ng	95
54) Dibenzofuran	14.84	168	703019	41.07	ng	96
55) 4-Nitrophenol	14.65	139	273626	89.20	ng	97
56) 2,4-Dinitrotoluene	14.80	165	200573	49.31	ng	99
57) Fluorene	15.48	166	611012	40.32	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	154583	42.96	ng	# 77
59) Diethylphthalate	15.27	149	651041	40.27	ng	99
60) 4-Chlorophenyl-phenylether	15.48	204	299333	39.31	ng	100
61) 4-Nitroaniline	15.51	138	169999	40.53	ng	91
62) Azobenzene	15.77	77	727753	43.46	ng	96
64) 4,6-Dinitro-2-methylphenol	15.56	198	102013	46.50	ng	87
65) n-Nitrosodiphenylamine	15.70	169	548318	40.59	ng	96
66) 4-Bromophenyl-phenylether	16.37	248	181363	40.83	ng	93
67) Hexachlorobenzene	16.49	284	194768	41.58	ng	93
68) Atrazine	16.65	200	207284	42.64	ng	98
69) Pentachlorophenol	16.83	266	260686	85.73	ng	96
70) Phenanthrene	17.22	178	915326	40.20	ng	98
71) Anthracene	17.31	178	944383	41.11	ng	100
72) Carbazole	17.58	167	894622	40.96	ng	99
73) Di-n-butylphthalate	18.15	149	1140539	40.28	ng	100
74) Fluoranthene	19.24	202	1031156	39.03	ng	97
76) Benzidine	19.43	184	461723	31.53	ng	98
77) Pyrene	19.60	202	1056881	41.55	ng	100
79) Butylbenzylphthalate	20.50	149	514646	42.57	ng	99
80) Benzo(a)anthracene	21.34	228	972195	42.05	ng	98
81) 3,3'-Dichlorobenzidine	21.28	252	263119	29.15	ng	99
82) Chrysene	21.40	228	910498	42.05	ng	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	700748	42.37	ng	100
84) Di-n-octyl phthalate	22.18	149	1174947	42.29	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1077045	41.74	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	988022	42.51	ng	98
88) Benzo(k)fluoranthene	23.02	252	906689	40.55	ng	98
89) Benzo(a)pyrene	23.56	252	934673	43.12	ng	# 98
90) Dibenzo(a,h)anthracene	26.05	278	911542	41.17	ng	98
91) Benzo(g,h,i)perylene	26.76	276	894373	42.42	ng	100

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

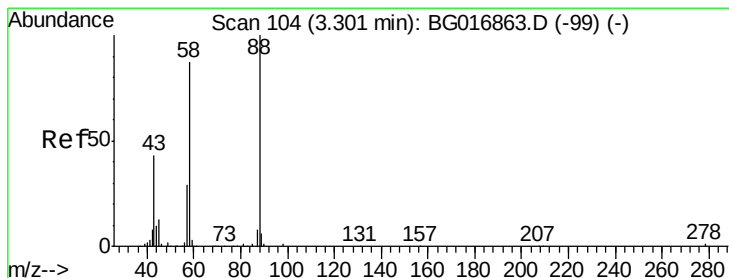
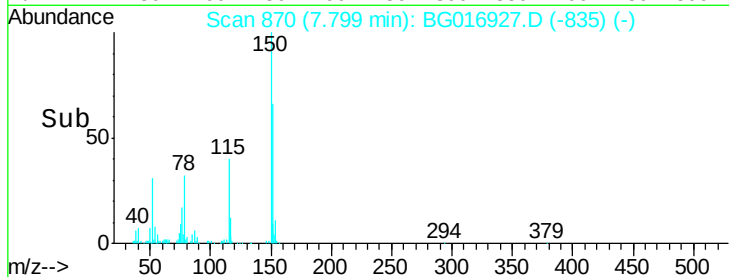
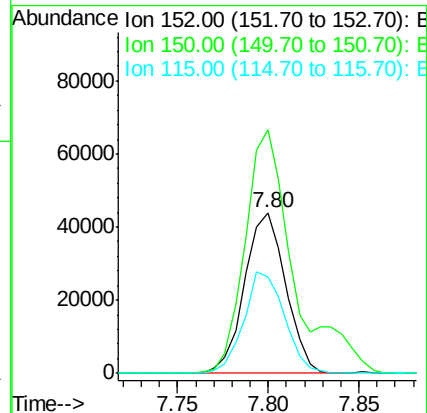
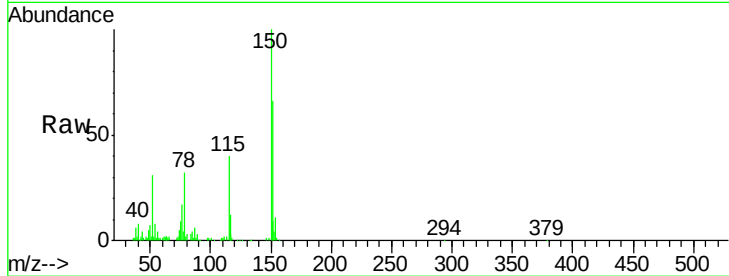


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Instrument :
BNA_G
ClientSampleId :
PB83110BS

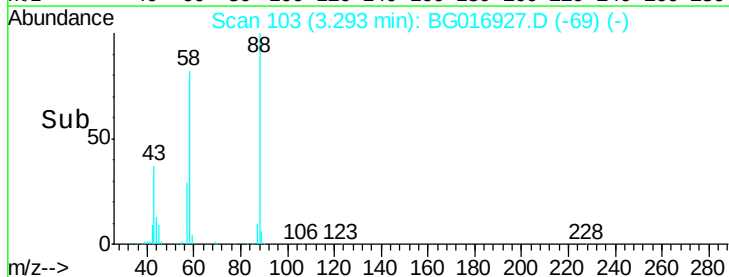
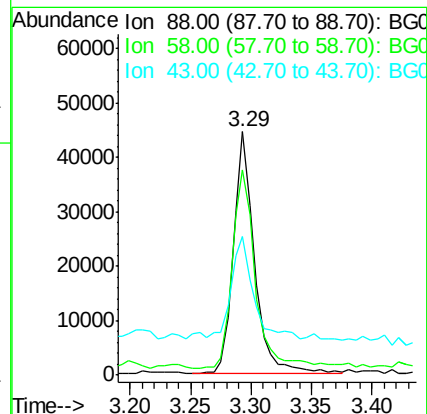
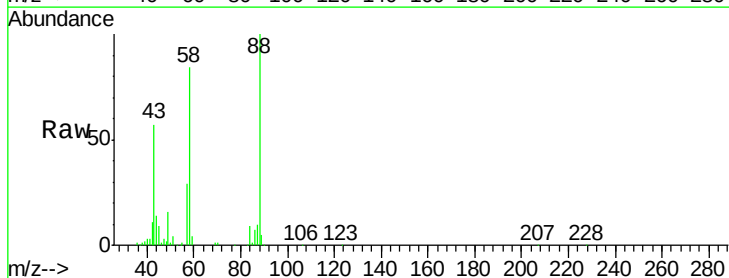
Tgt Ion:152 Resp: 69262
Ion Ratio Lower Upper
152 100
150 151.3 121.0 181.4
115 60.0 50.5 75.7

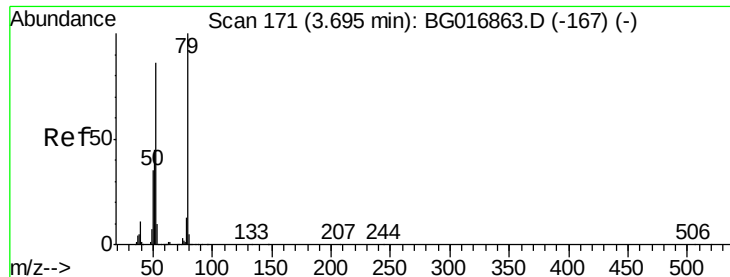


#2

1,4-Dioxane
Concen: 32.23 ng
RT: 3.29 min Scan# 103
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion: 88 Resp: 53732
Ion Ratio Lower Upper
88 100
58 89.7 0.1 0.1#
43 42.6 1.3 1.9#





#3

Pyridine

Concen: 31.43 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

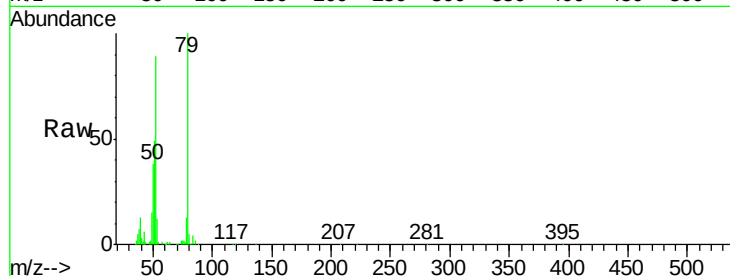
Tgt Ion: 79 Resp: 161961

Ion Ratio Lower Upper

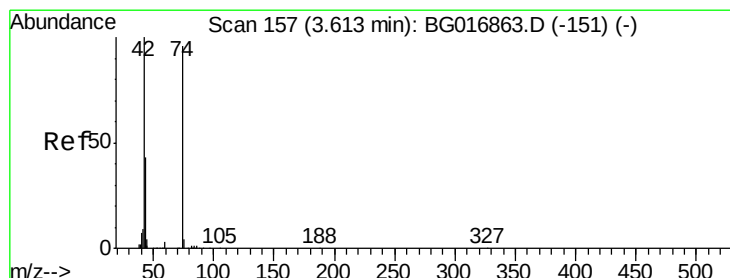
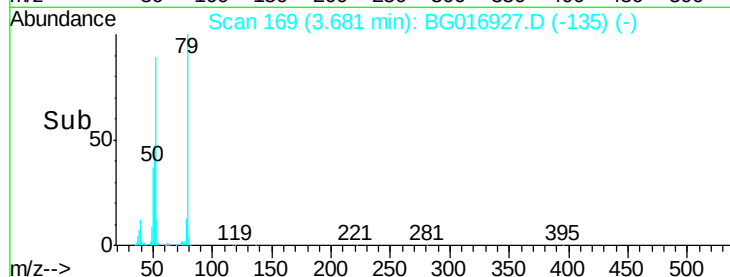
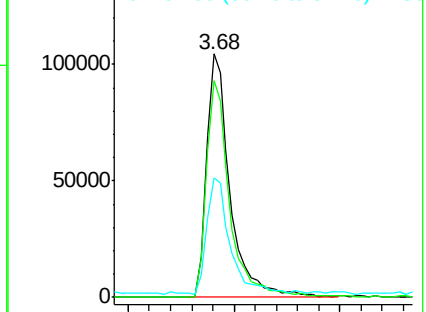
79 100

52 88.8 68.5 102.7

51 48.9 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.88 ng

RT: 3.60 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

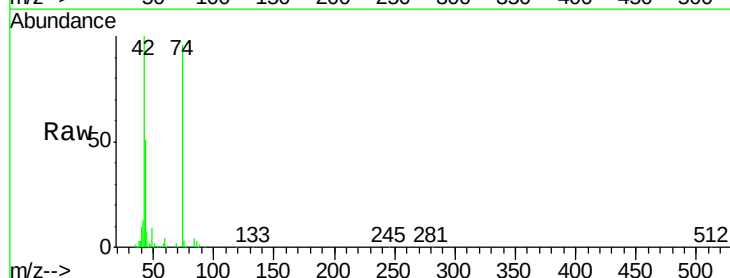
Tgt Ion: 42 Resp: 116538

Ion Ratio Lower Upper

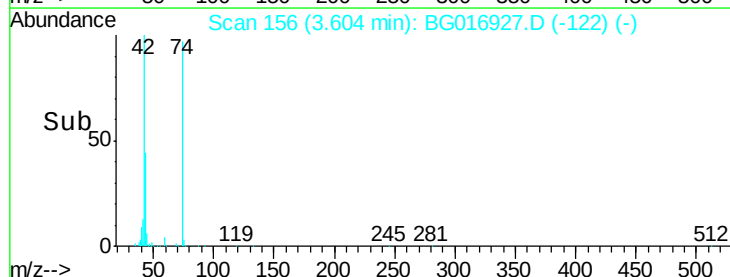
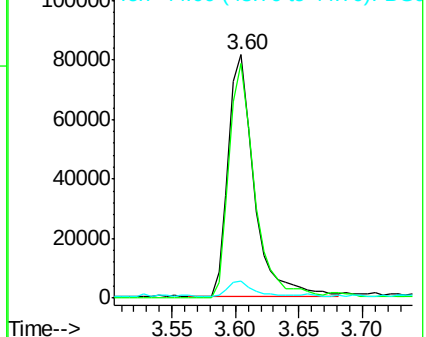
42 100

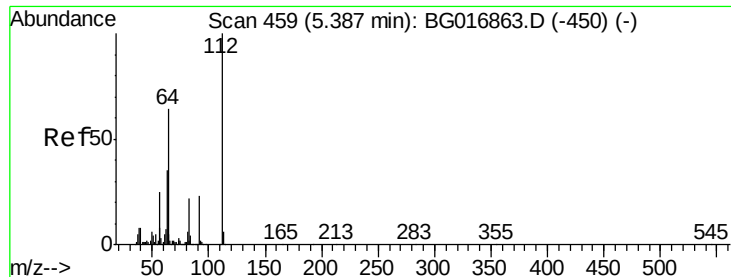
74 96.5 76.2 114.2

44 6.8 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 147.80 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

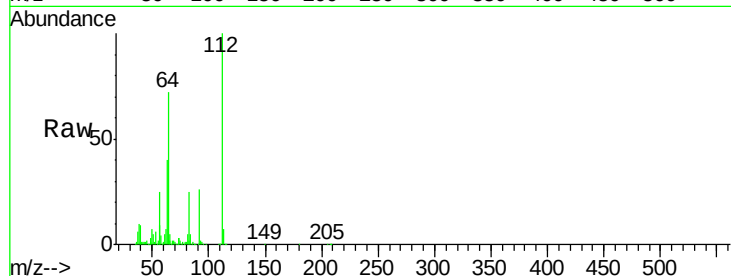
Tgt Ion: 112 Resp: 587920

Ion Ratio Lower Upper

112 100

64 72.1 51.4 77.2

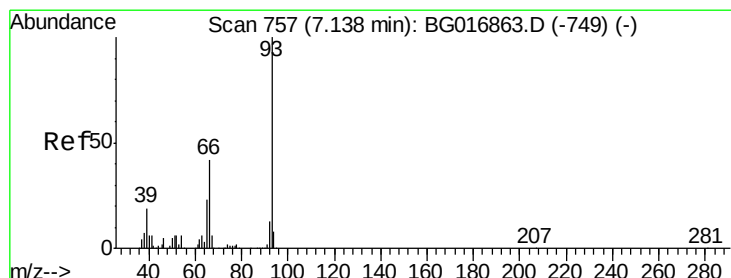
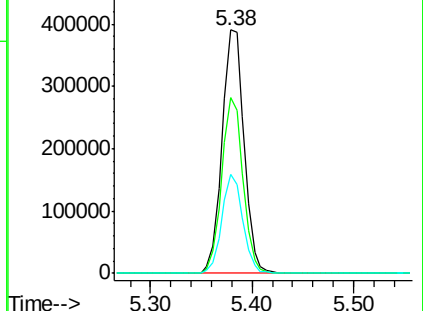
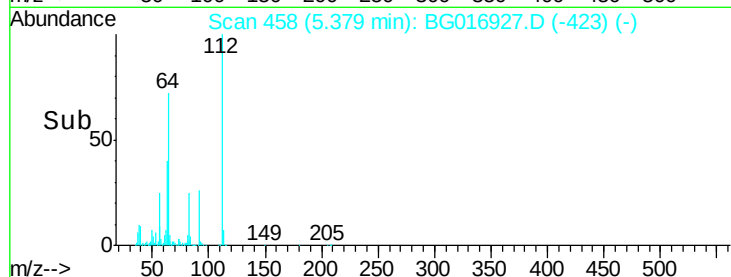
63 40.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.60 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

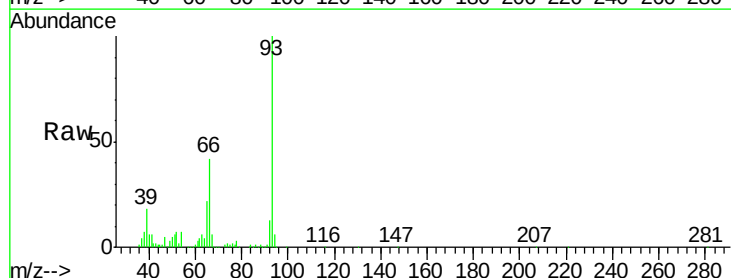
Tgt Ion: 93 Resp: 236207

Ion Ratio Lower Upper

93 100

66 42.0 33.8 50.6

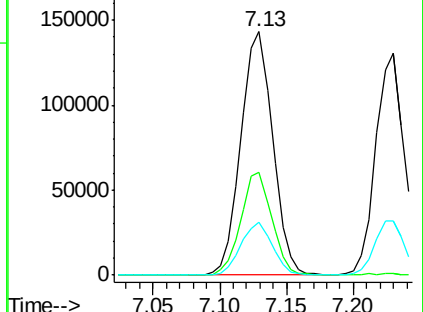
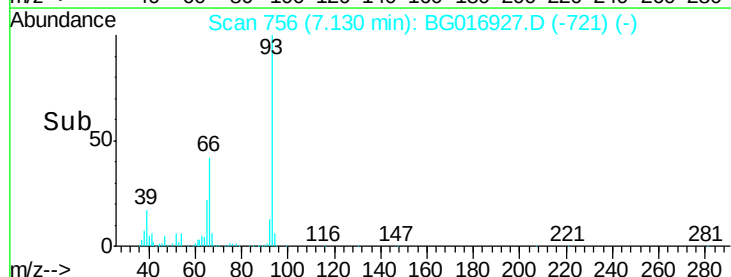
65 21.9 18.7 28.1

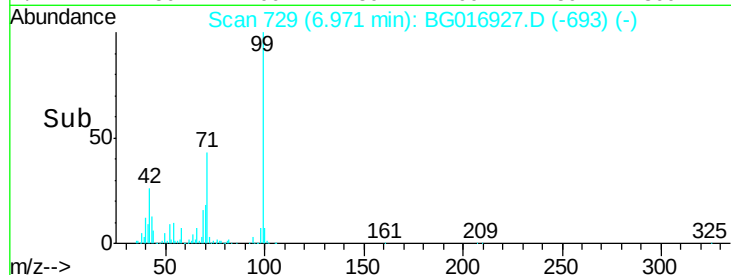
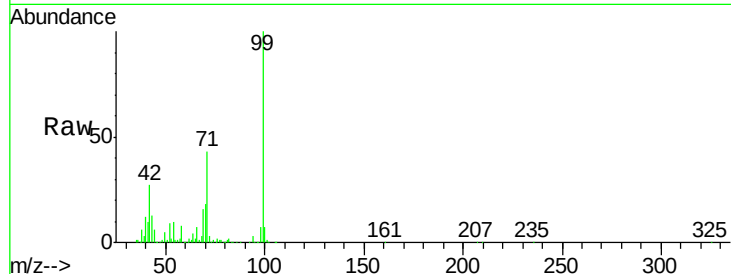
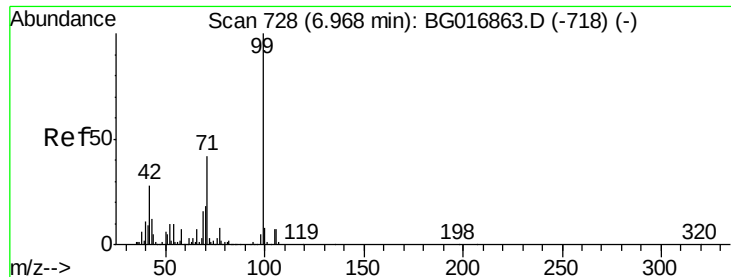


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.65 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

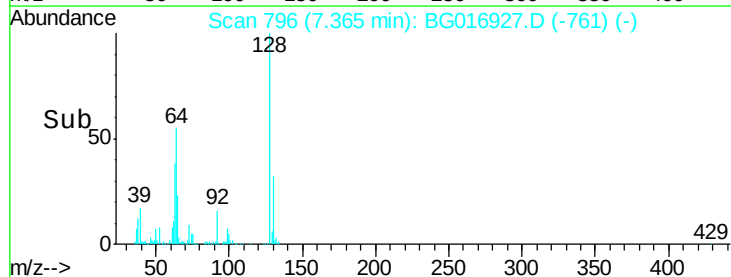
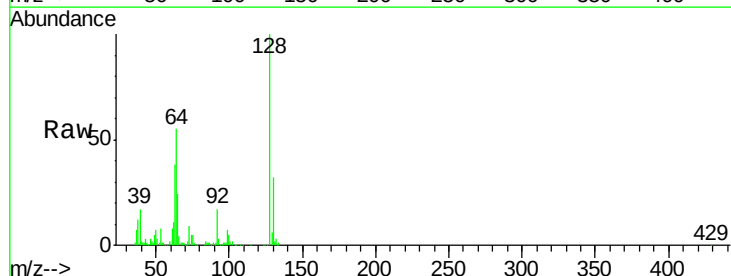
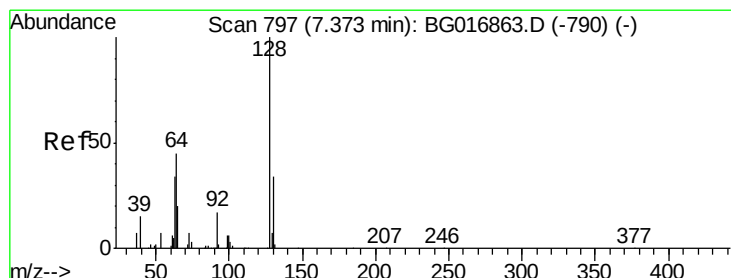
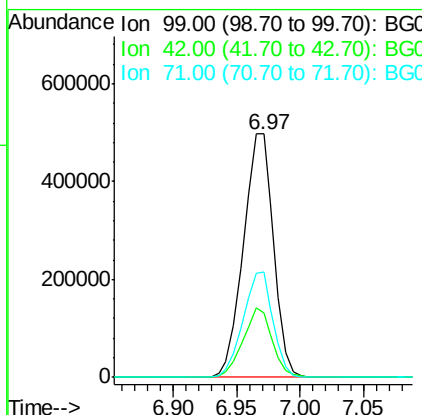
Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :
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PB83110BS

Tgt Ion: 99 Resp: 822063

Ion	Ratio	Lower	Upper
99	100		
42	26.6	22.1	33.1
71	43.5	33.4	50.0



#8

2-Chlorophenol

Concen: 43.31 ng

RT: 7.36 min Scan# 796

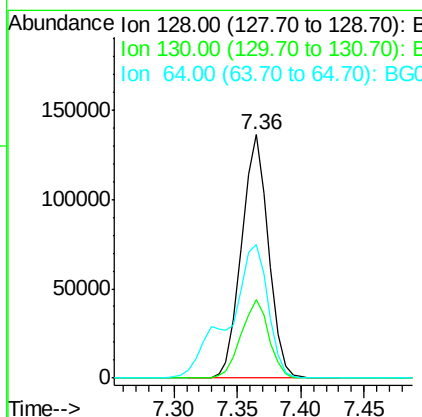
Delta R.T. 0.01 min

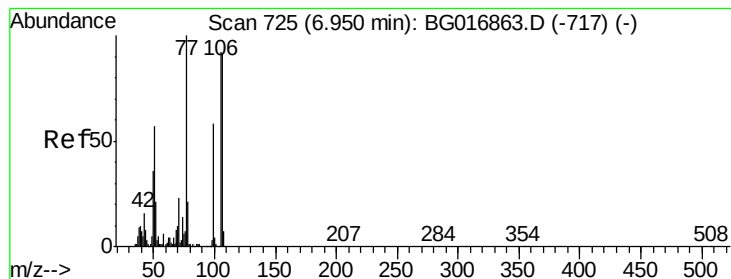
Lab File: BG016927.D

Acq: 7 May 2015 17:10

Tgt Ion: 128 Resp: 199598

Ion	Ratio	Lower	Upper
128	100		
130	32.5	14.4	54.4
64	55.0	38.4	78.4





#9

Benzaldehyde

Concen: 13.59 ng

RT: 6.94 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

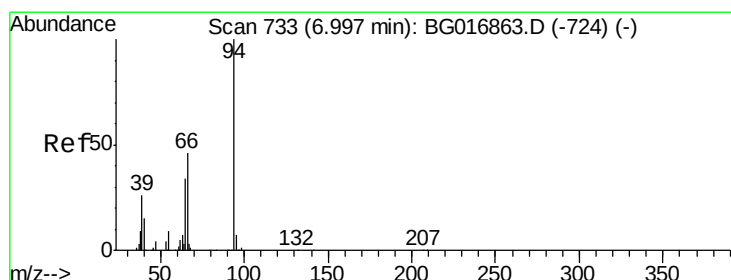
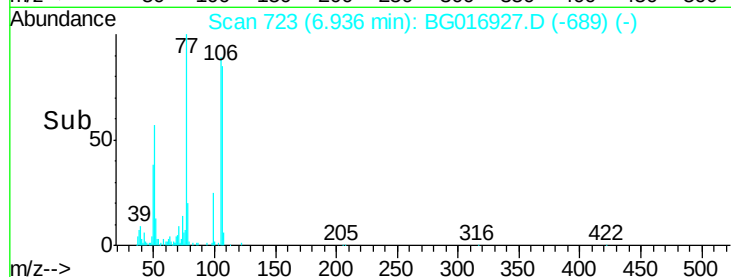
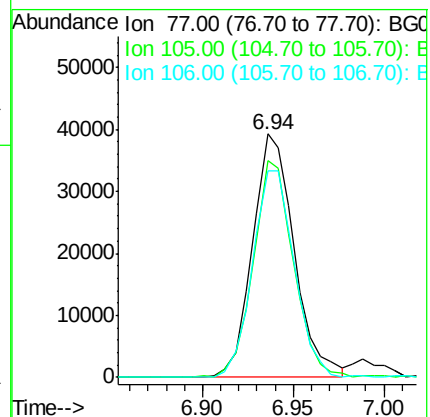
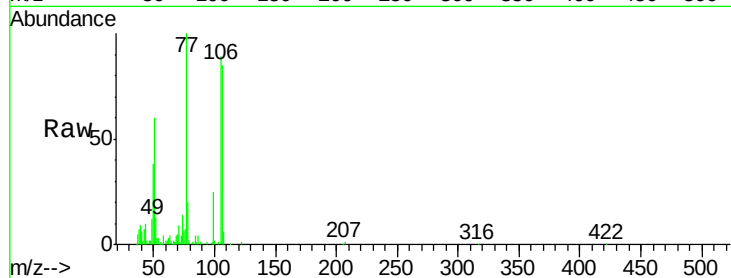
Tgt Ion: 77 Resp: 62602

Ion Ratio Lower Upper

77 100

105 88.9 71.6 111.6

106 84.6 71.5 111.5



#10

Phenol

Concen: 45.60 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

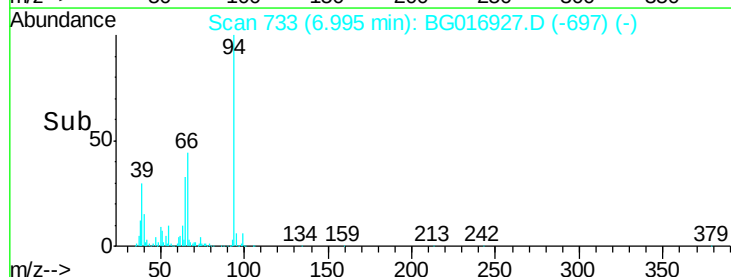
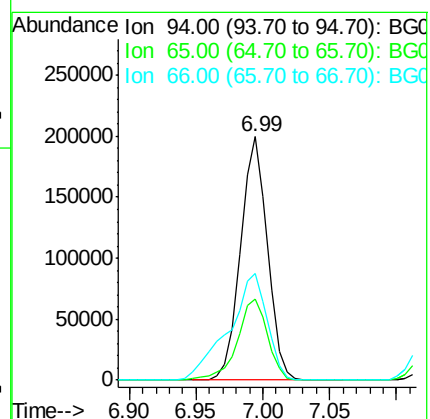
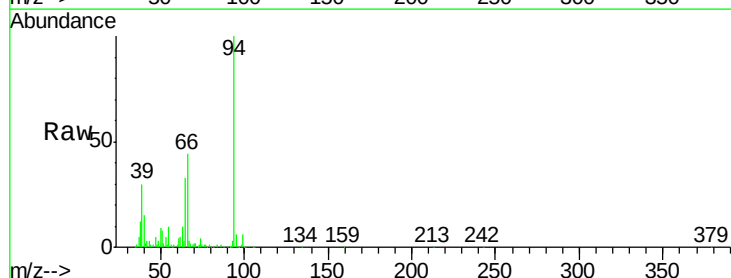
Tgt Ion: 94 Resp: 277916

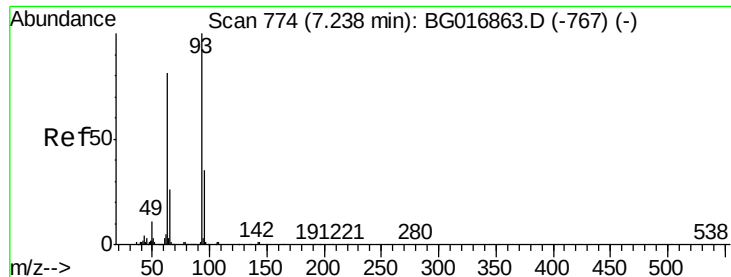
Ion Ratio Lower Upper

94 100

65 33.5 14.3 54.3

66 43.8 26.9 66.9

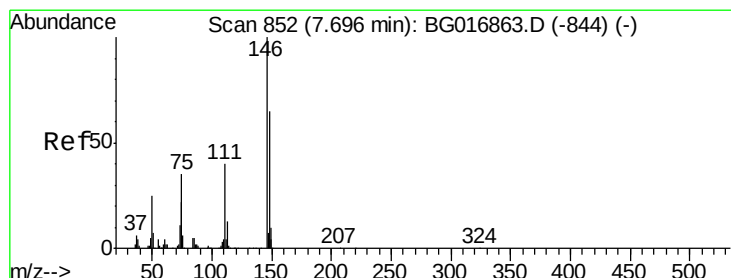
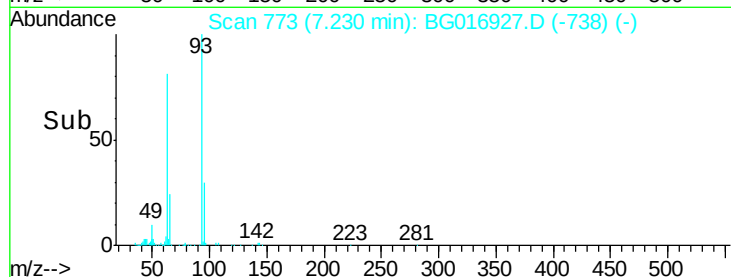
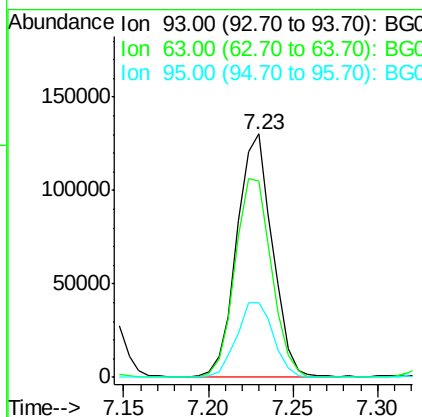
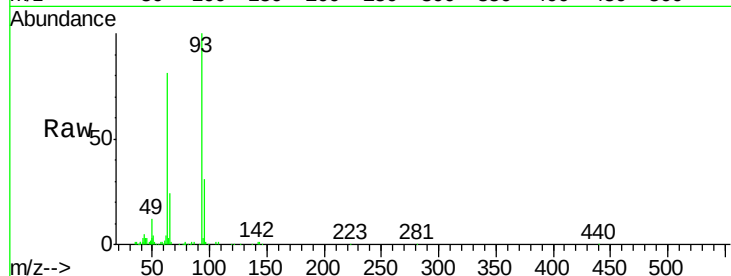




#11
bis(2-Chloroethyl)ether
Concen: 40.33 ng
RT: 7.23 min Scan# 773
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

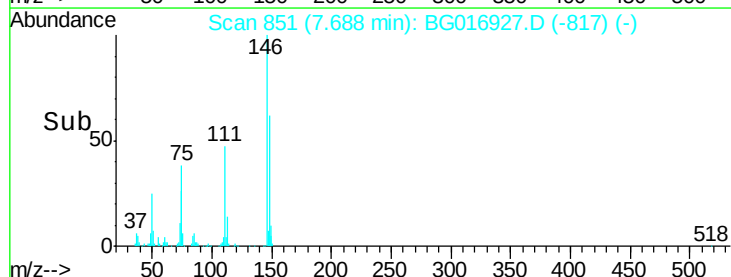
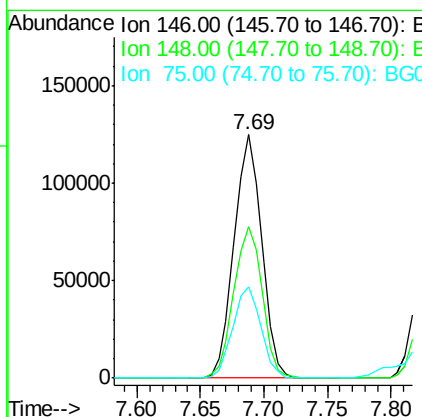
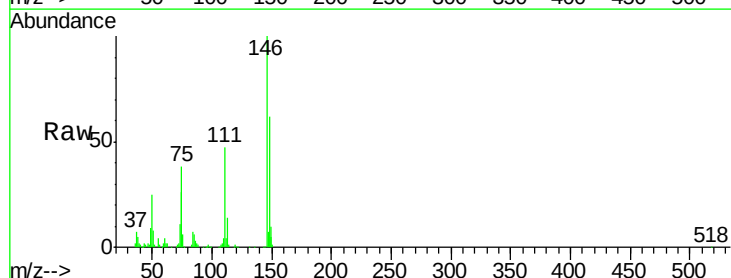
Instrument :
BNA_G
ClientSampleId :
PB83110BS

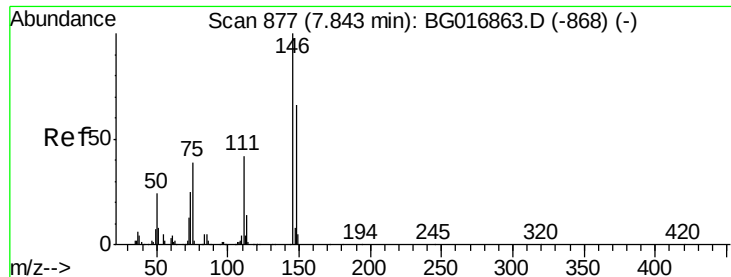
Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.7	61.2	101.2
95	30.6	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 36.92 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	37.7	28.2	42.2

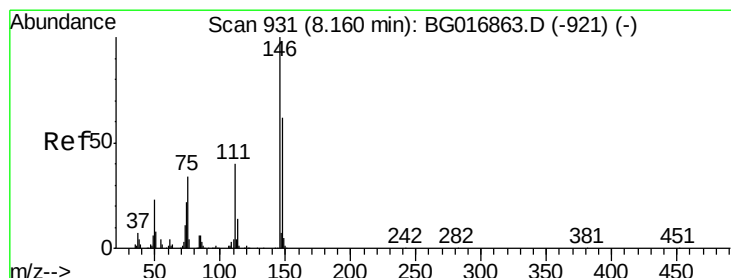
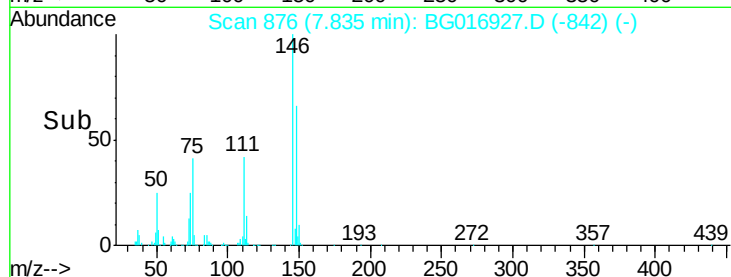
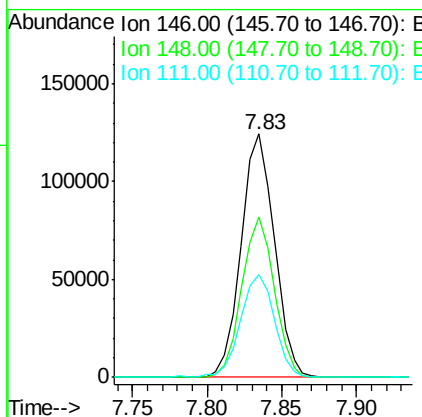
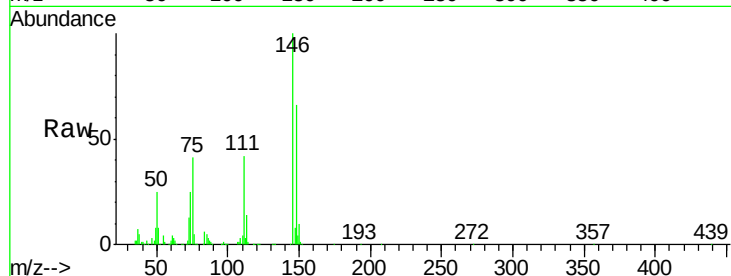




#13
 1,4-Dichlorobenzene
 Concen: 37.40 ng
 RT: 7.83 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

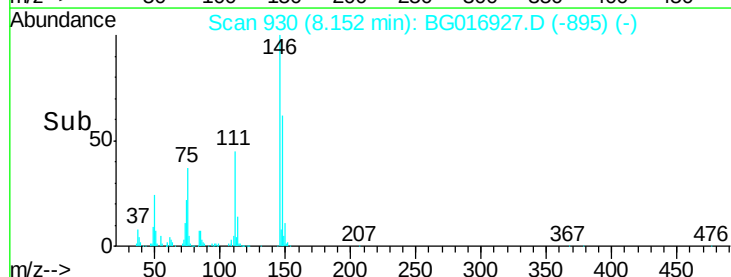
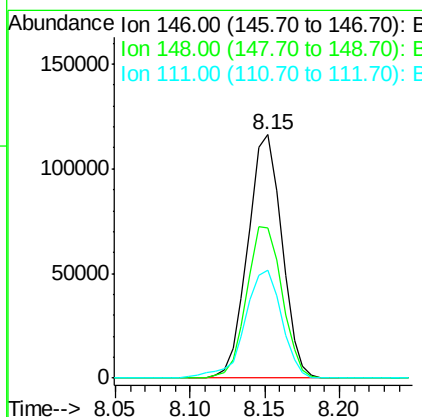
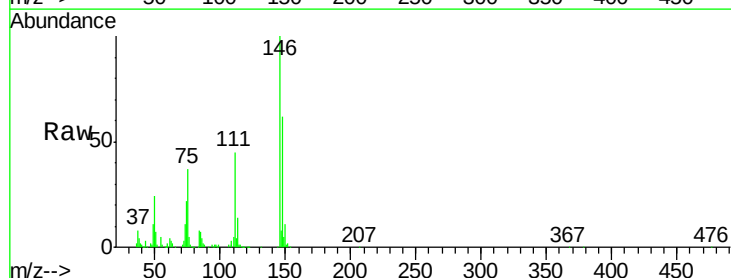
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

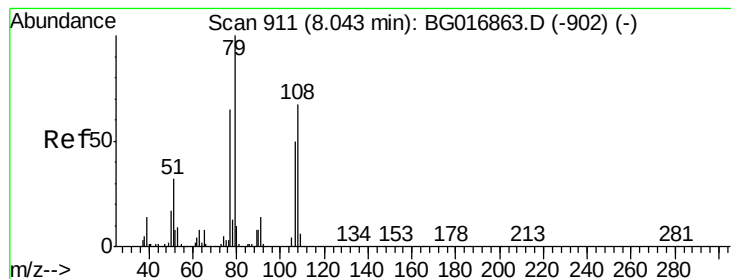
Tgt Ion:146 Resp: 192522
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.8 79.2
 111 42.3 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 37.08 ng
 RT: 8.15 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:146 Resp: 183181
 Ion Ratio Lower Upper
 146 100
 148 61.9 49.9 74.9
 111 44.6 32.1 48.1





#15

Benzyl Alcohol

Concen: 40.97 ng

RT: 8.03 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

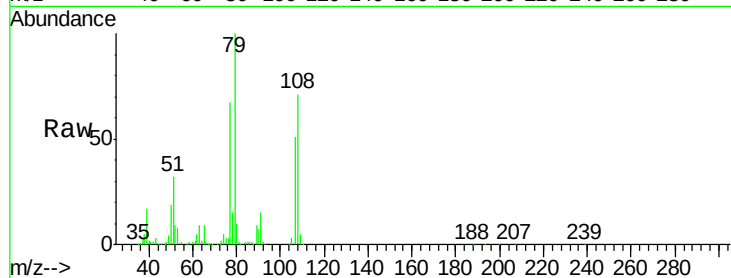
Tgt Ion: 79 Resp: 212641

Ion Ratio Lower Upper

79 100

108 71.1 53.4 80.2

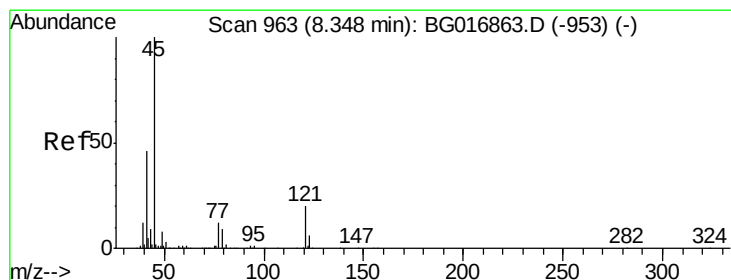
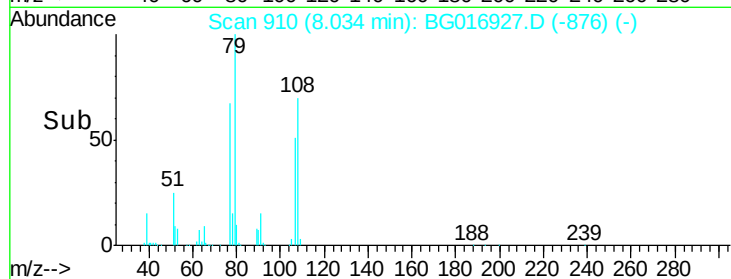
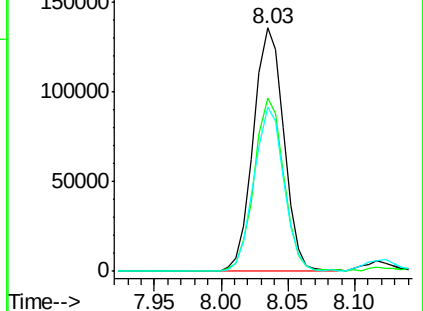
77 67.3 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.79 ng

RT: 8.33 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

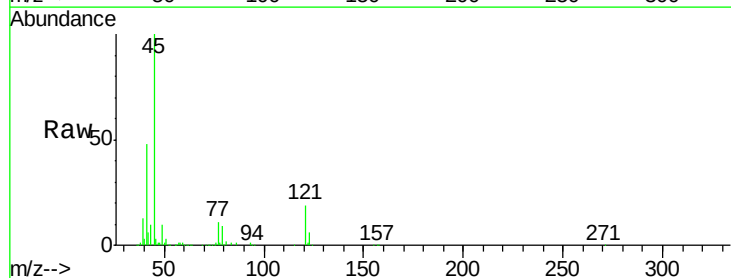
Tgt Ion: 45 Resp: 347087

Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.8

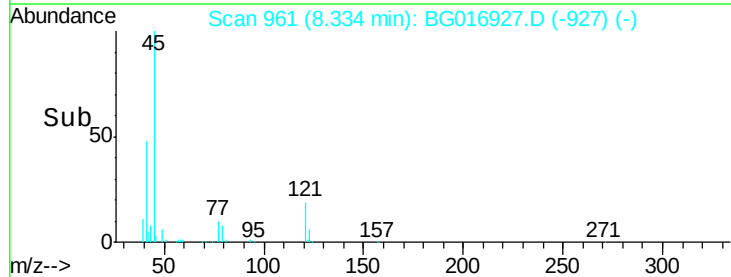
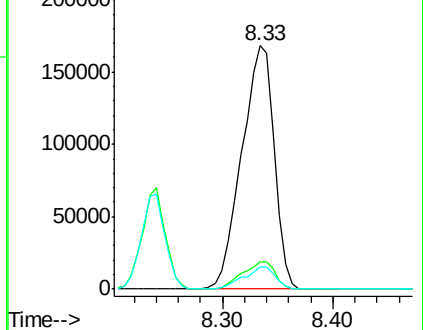
79 9.2 0.0 29.1

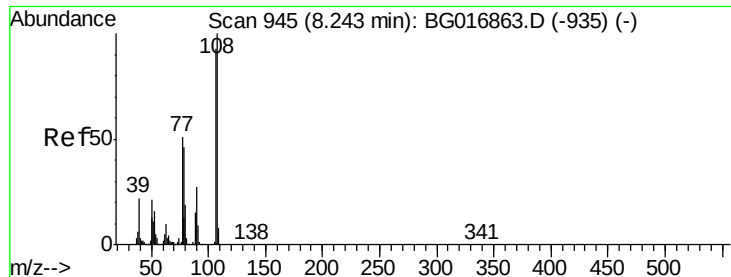


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

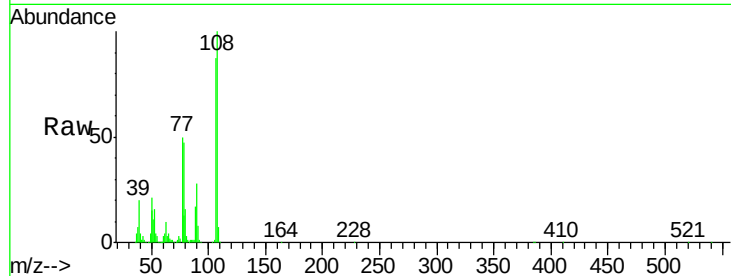




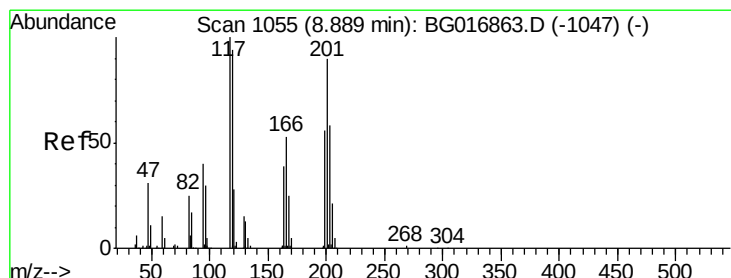
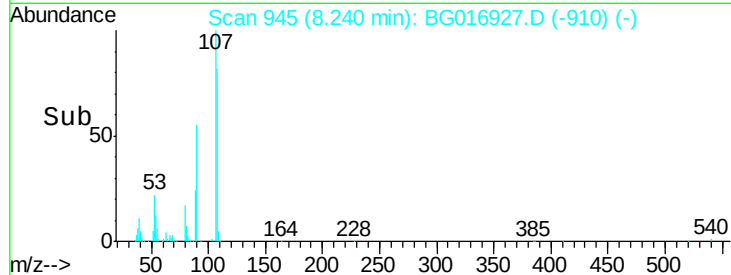
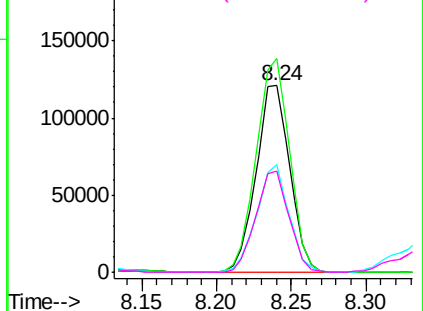
#17
2-Methylphenol
Concen: 43.82 ng
RT: 8.24 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tgt Ion:	107	Resp:	188061
Ion	Ratio	Lower	Upper
107	100		
108	114.4	85.9	128.9
77	57.6	43.8	65.6
79	54.0	39.8	59.6

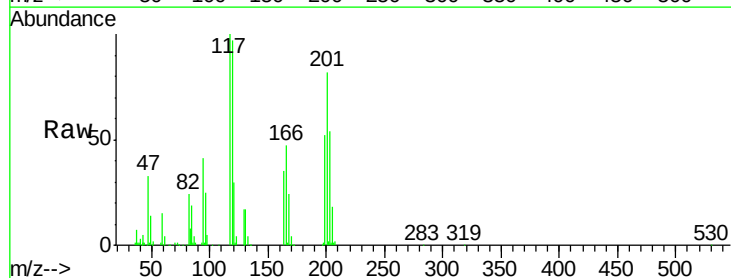


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

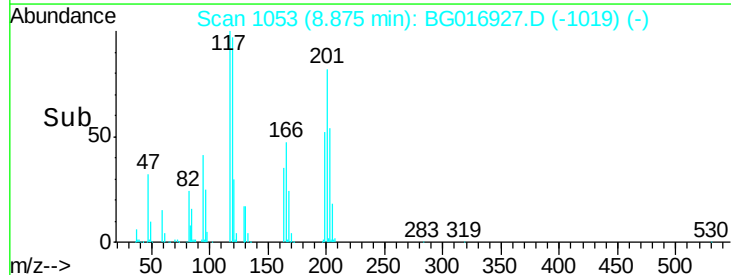
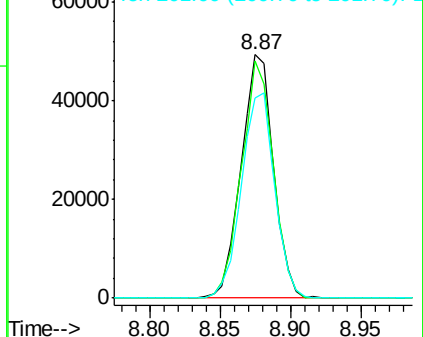


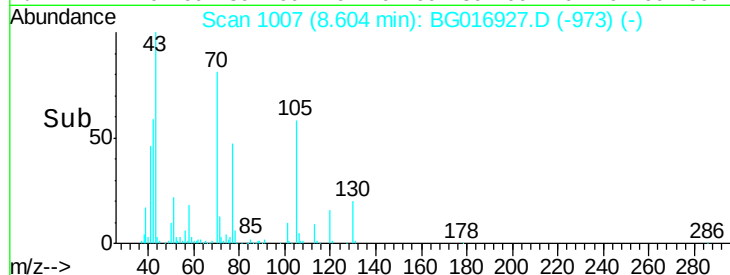
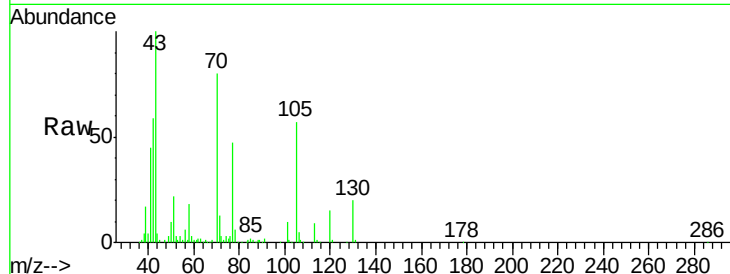
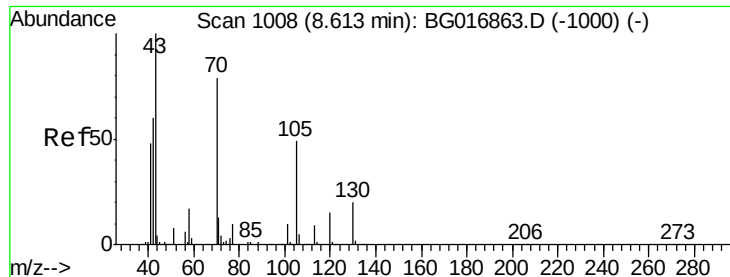
#18
Hexachloroethane
Concen: 37.44 ng
RT: 8.87 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:	117	Resp:	79208
Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.8	112.2
201	82.4	72.1	108.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

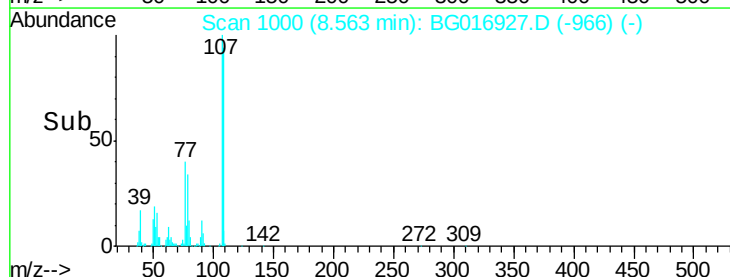
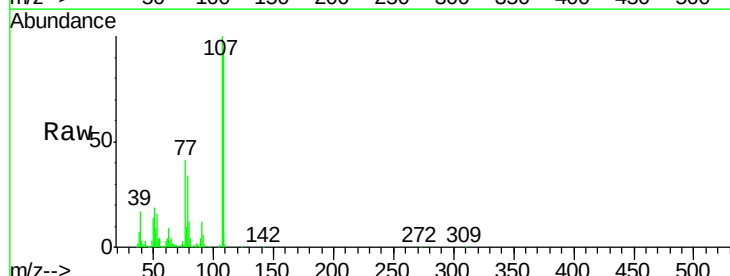
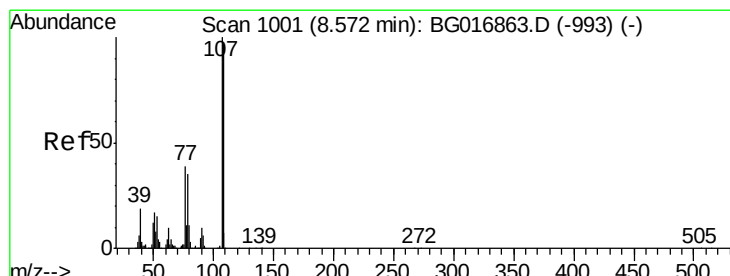
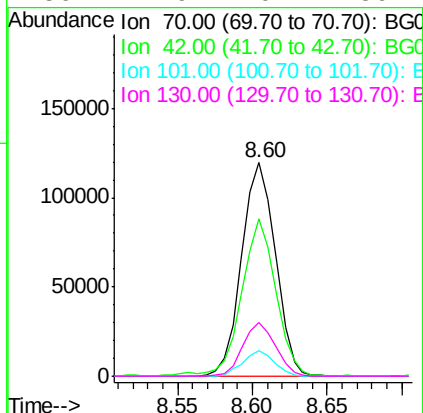




#19
n-Nitroso-di-n-propylamine
Concen: 37.63 ng
RT: 8.60 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

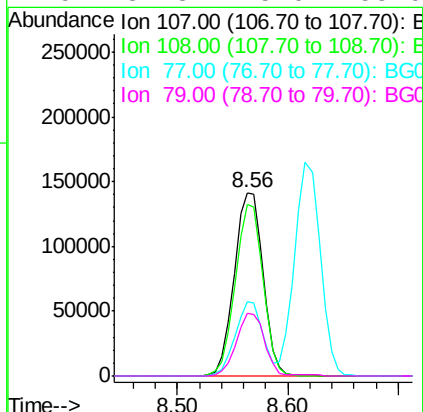
Instrument :
BNA_G
ClientSampleId :
PB83110BS

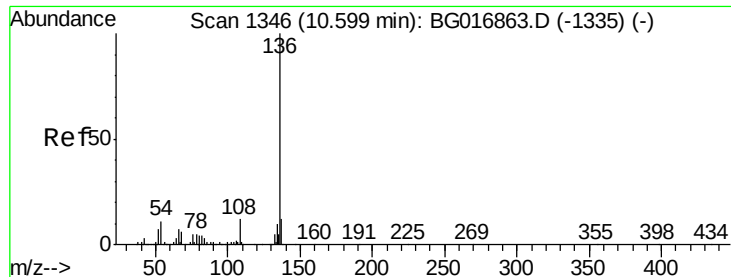
Tgt Ion:	70	Resp:	187529
Ion	Ratio	Lower	Upper
70	100		
42	73.5	61.5	92.3
101	12.1	9.8	14.6
130	24.9	20.2	30.4



#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:	107	Resp:	259956
Ion	Ratio	Lower	Upper
107	100		
108	93.6	76.6	116.6
77	40.6	19.0	59.0
79	34.3	15.0	55.0

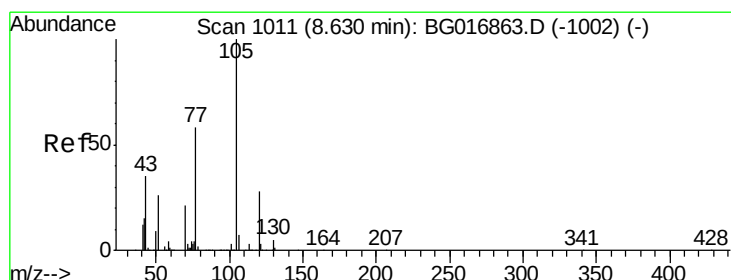
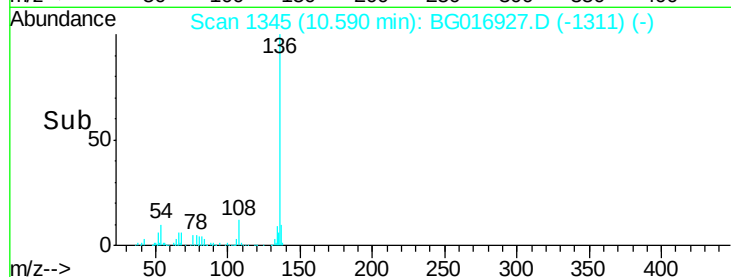
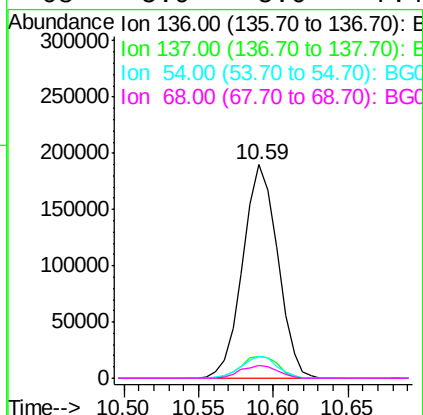
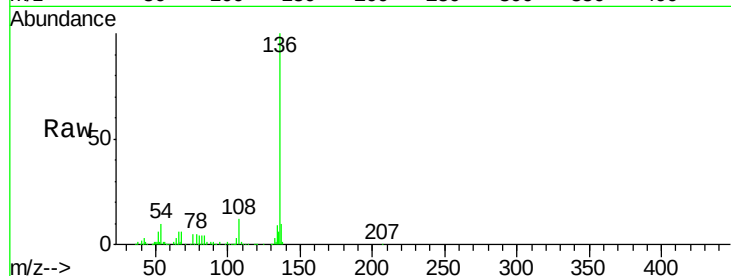




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

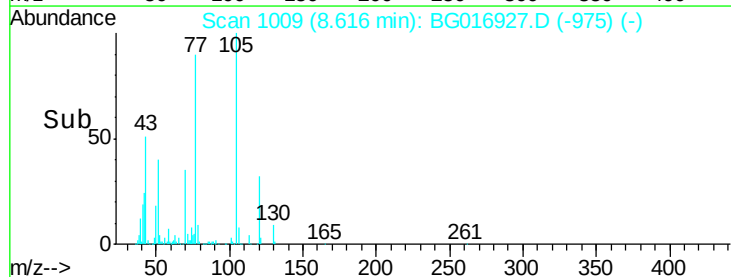
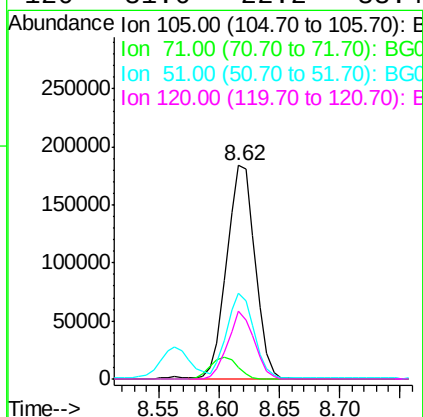
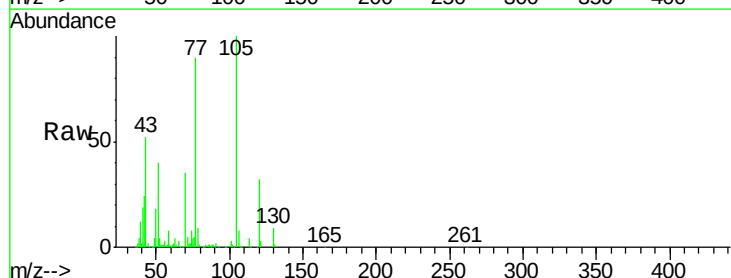
Instrument :
BNA_G
ClientSampleId :
PB83110BS

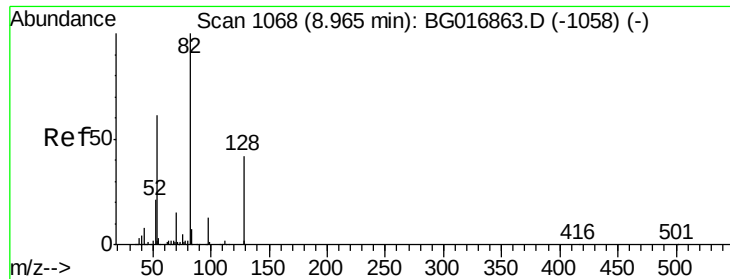
Tgt Ion:	136	Resp:	307407
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.8
54	10.1	8.7	13.1
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 41.15 ng
RT: 8.62 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:	105	Resp:	301273
Ion	Ratio	Lower	Upper
105	100		
71	5.3	2.8	4.2#
51	39.9	29.4	44.2
120	31.6	22.2	33.4

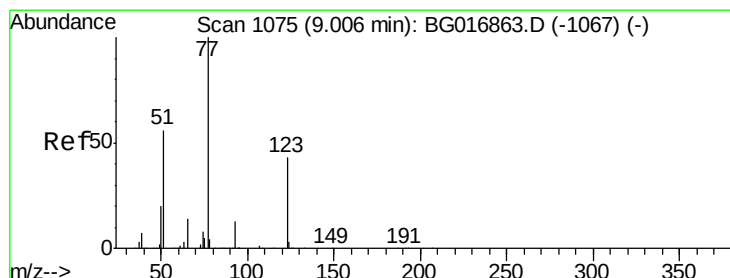
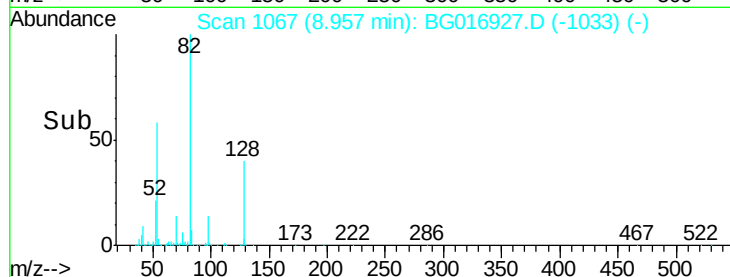
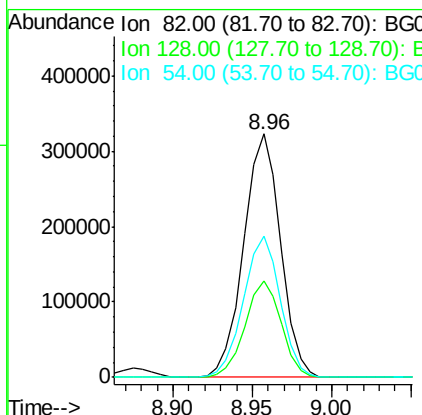
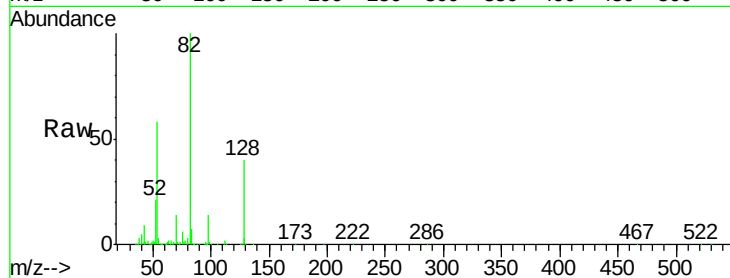




#23
 Nitrobenzene-d5
 Concen: 82.77 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

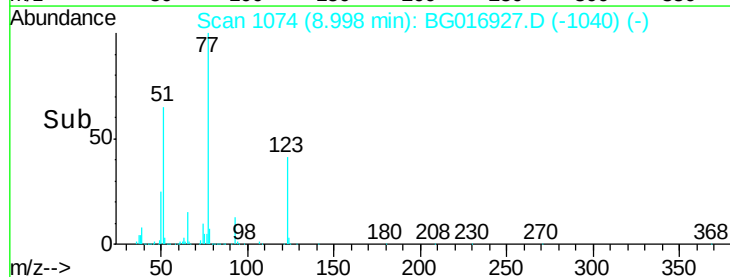
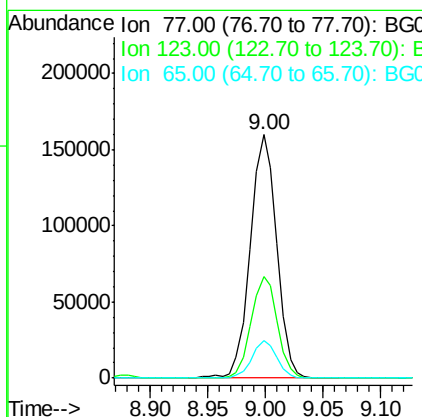
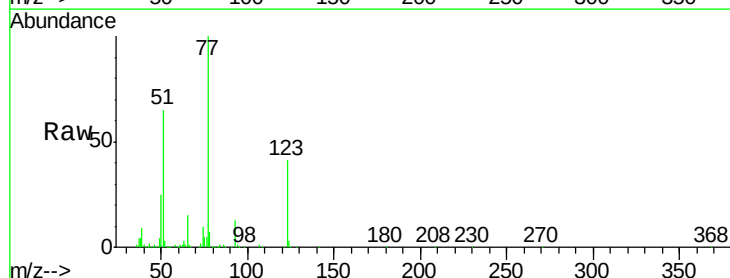
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

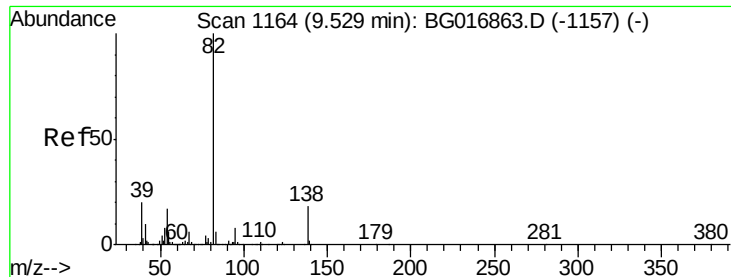
Tgt Ion: 82 Resp: 520824
 Ion Ratio Lower Upper
 82 100
 128 39.8 33.2 49.8
 54 58.2 48.6 72.8



#24
 Nitrobenzene
 Concen: 40.05 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion: 77 Resp: 254505
 Ion Ratio Lower Upper
 77 100
 123 41.5 34.0 51.0
 65 15.3 11.2 16.8





#25

Isophorone

Concen: 38.16 ng

RT: 9.52 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

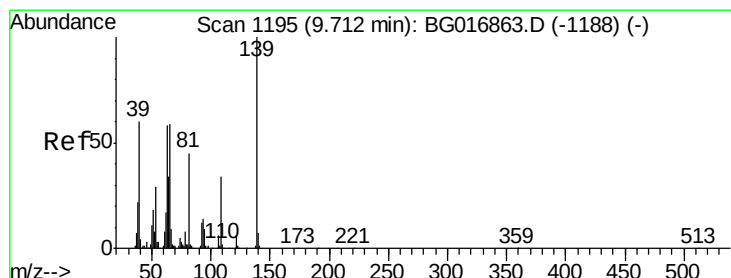
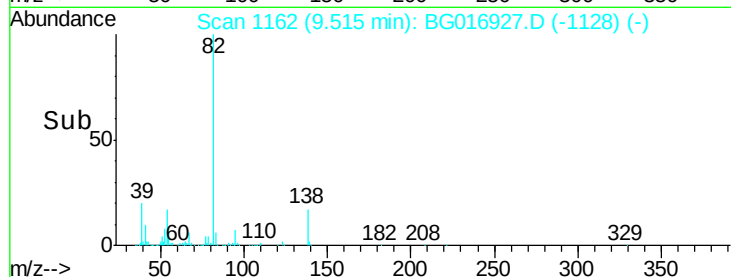
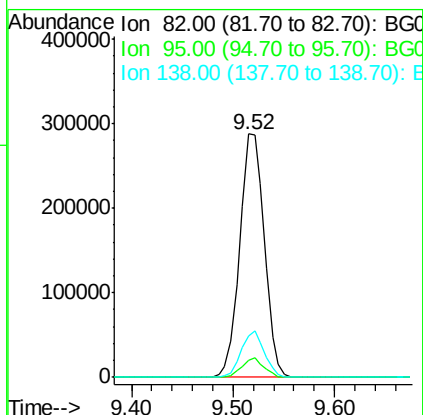
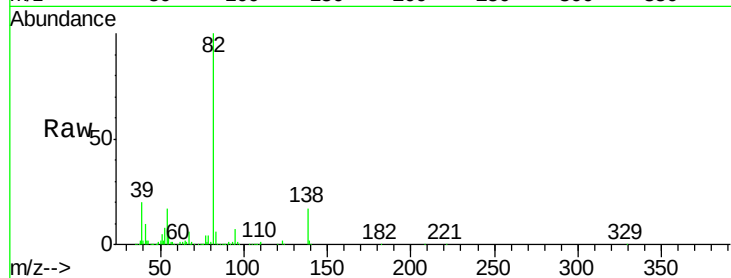
Tgt Ion: 82 Resp: 484882

Ion Ratio Lower Upper

82 100

95 7.2 6.7 10.1

138 17.2 14.7 22.1



#26

2-Nitrophenol

Concen: 42.53 ng

RT: 9.71 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

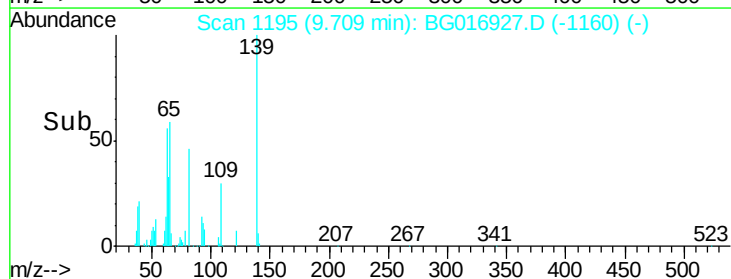
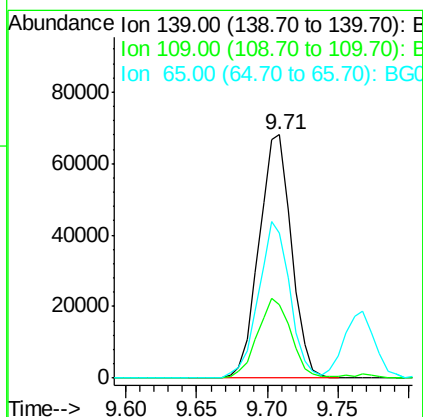
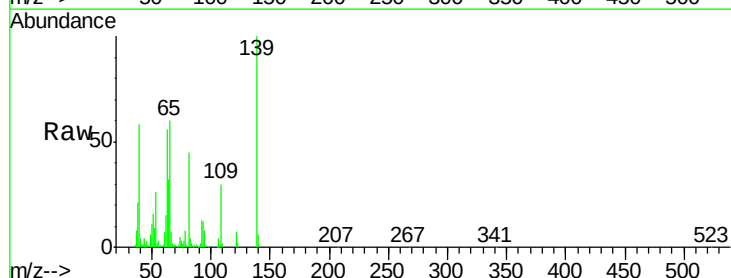
Tgt Ion: 139 Resp: 110042

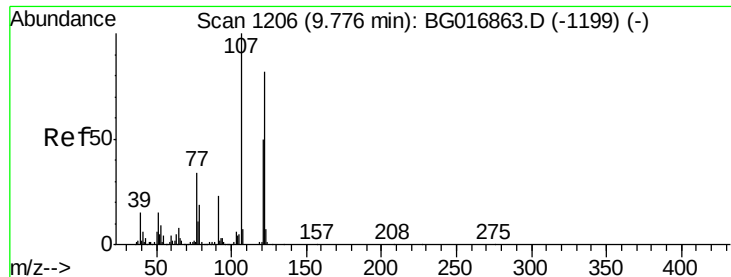
Ion Ratio Lower Upper

139 100

109 30.0 27.4 41.2

65 59.6 47.1 70.7

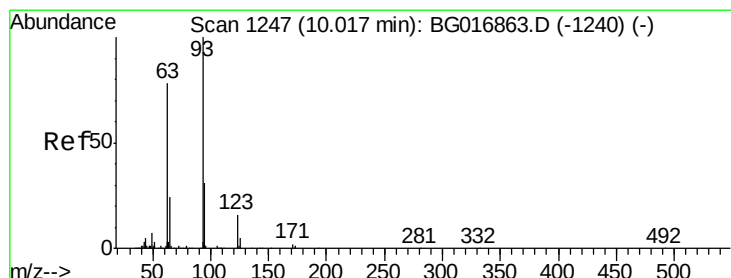
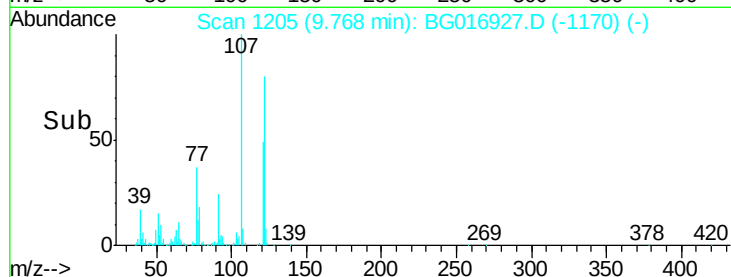
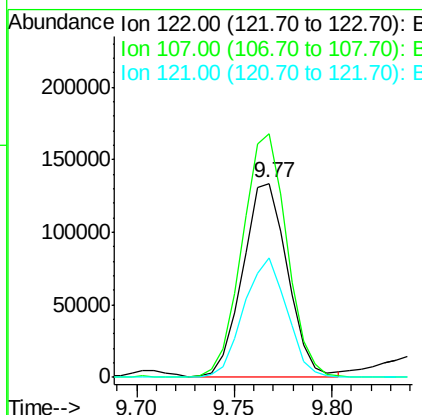
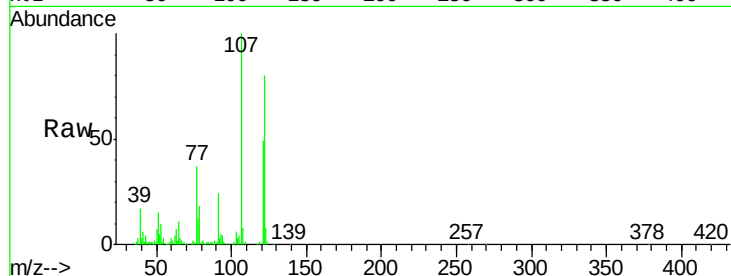




#27
 2,4-Dimethylphenol
 Concen: 45.33 ng
 RT: 9.77 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

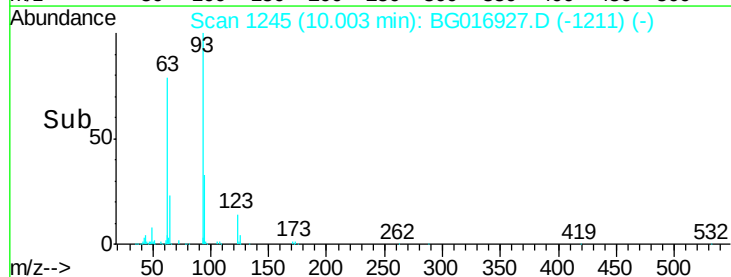
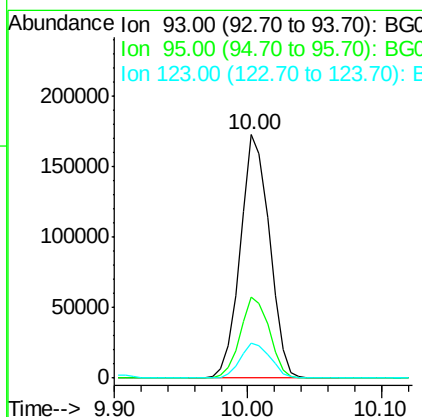
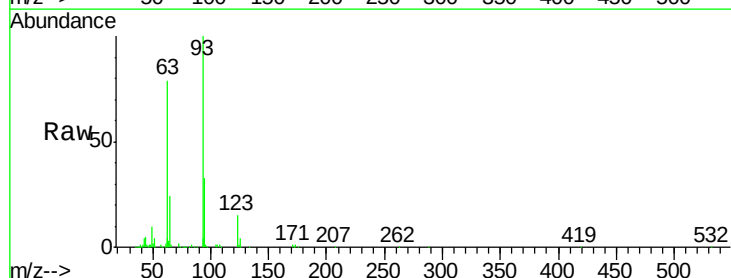
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

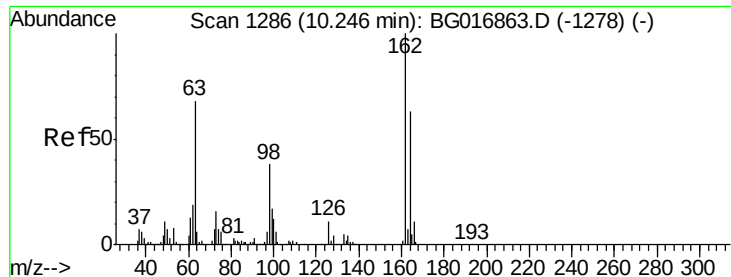
Tgt Ion: 122 Resp: 212242
 Ion Ratio Lower Upper
 122 100
 107 125.6 97.6 146.4
 121 61.7 48.4 72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.72 ng
 RT: 10.00 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion: 93 Resp: 261144
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.8 37.2
 123 14.6 12.6 19.0

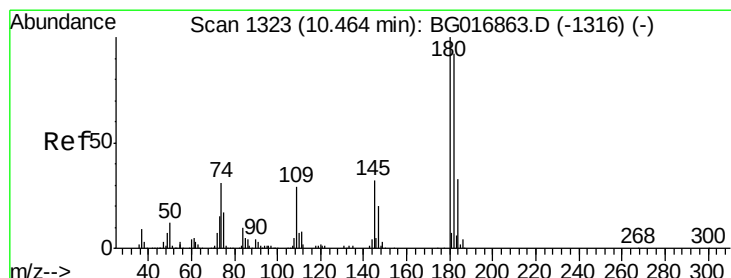
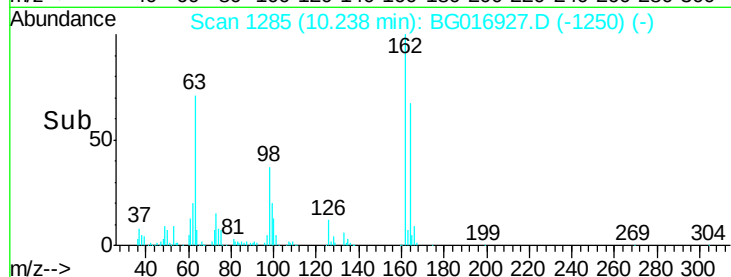
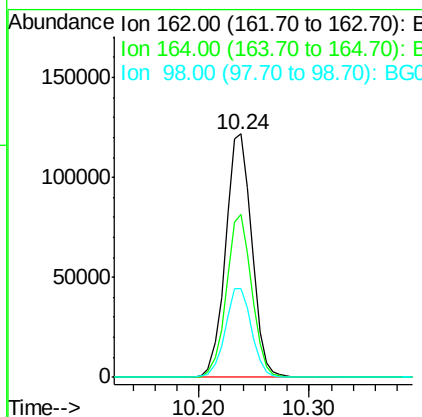
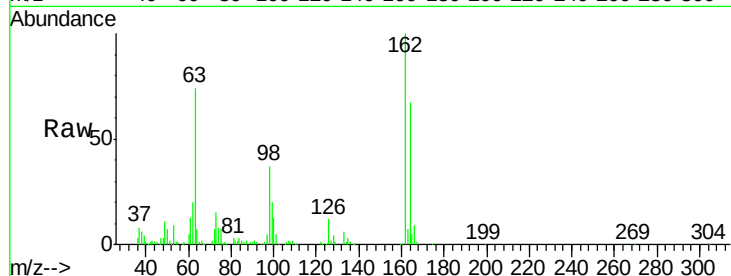




#29
 2,4-Dichlorophenol
 Concen: 45.83 ng
 RT: 10.24 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

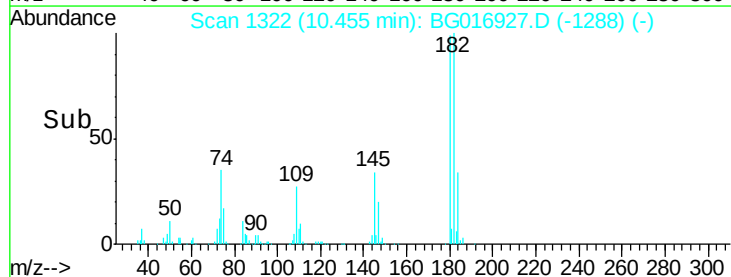
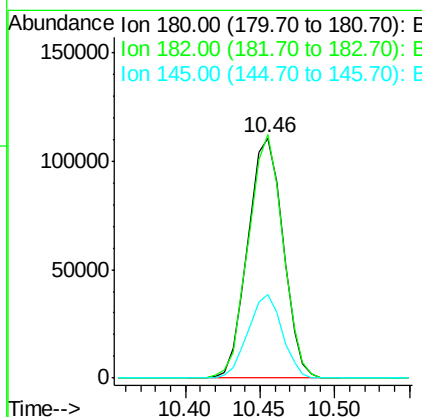
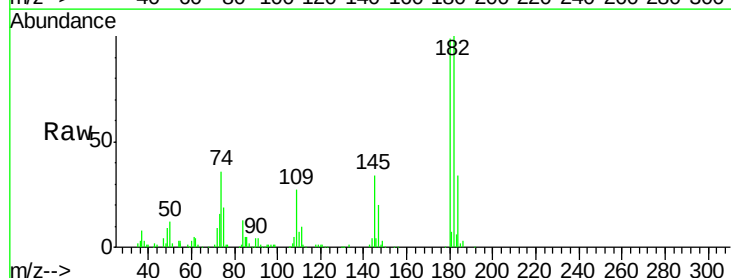
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

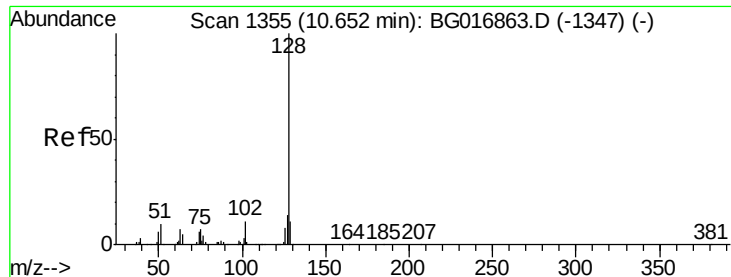
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	42.9	82.9
98	36.7	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.56 ng
 RT: 10.46 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	73.8	110.8
145	34.7	25.4	38.0

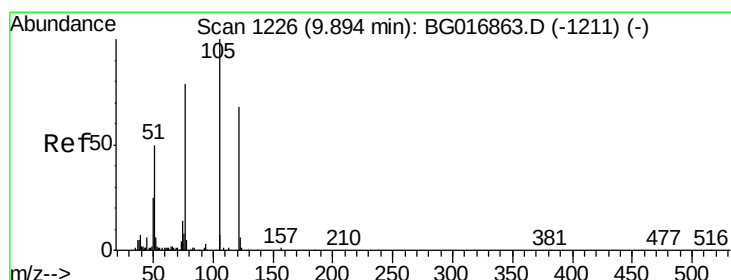
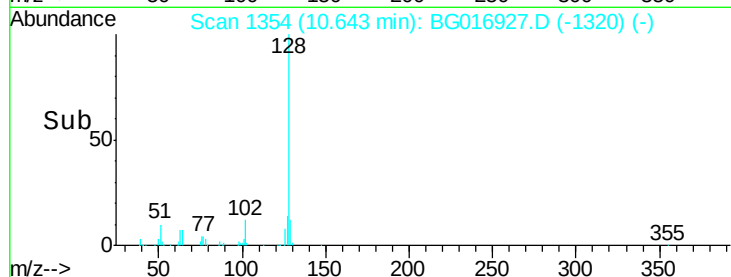
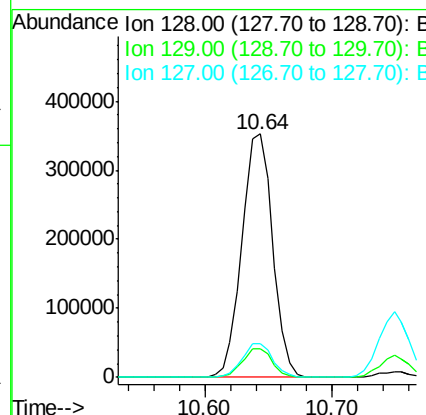
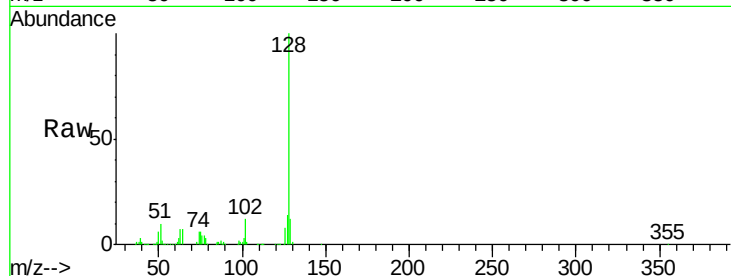




#31
Naphthalene
Concen: 38.75 ng
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

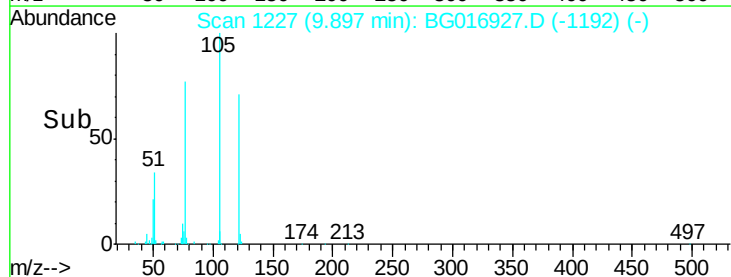
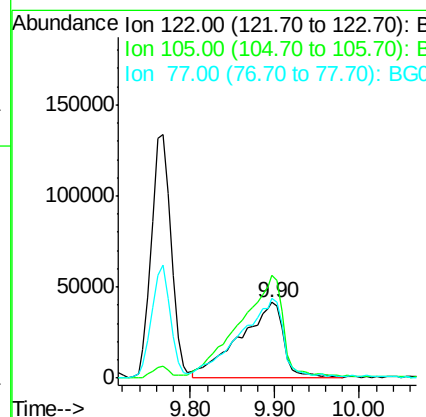
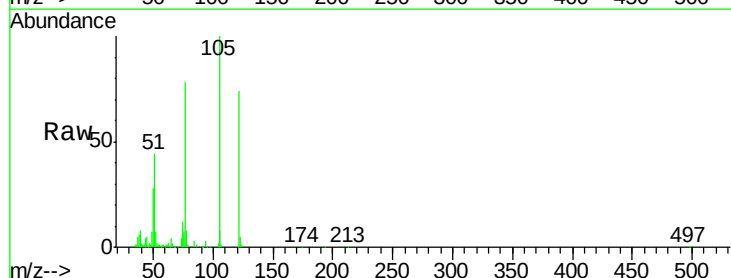
Instrument :
BNA_G
ClientSampleId :
PB83110BS

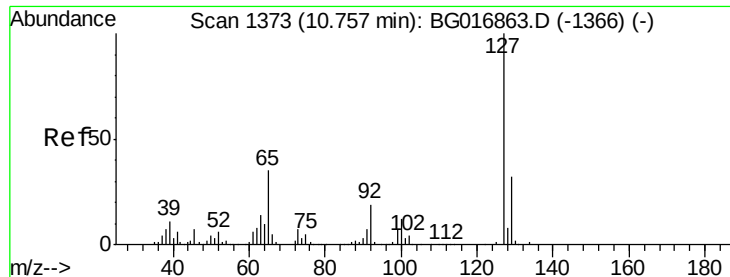
Tgt Ion:128 Resp: 592553
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.1 10.9 16.3



#32
Benzoic acid
Concen: 51.00 ng
RT: 9.90 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:122 Resp: 147312
Ion Ratio Lower Upper
122 100
105 135.6 123.2 163.2
77 106.0 93.0 133.0

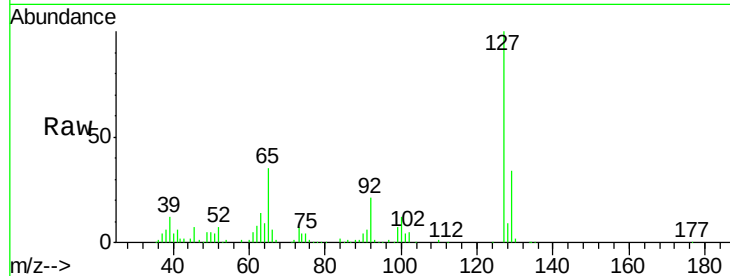




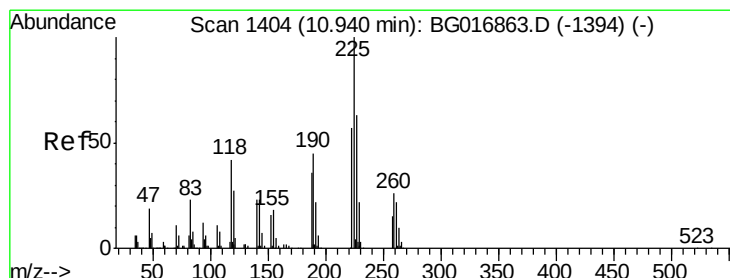
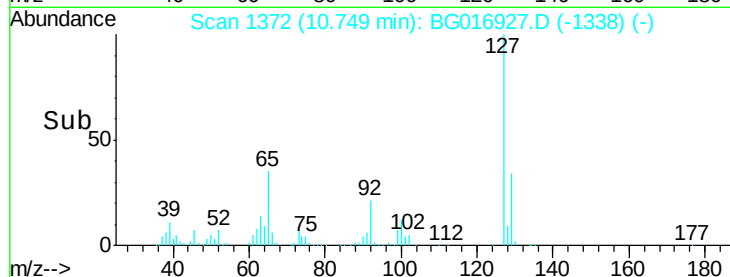
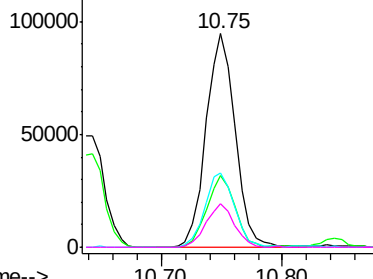
#33
4-Chloroaniline
Concen: 22.61 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tgt Ion:	127	Resp:	159649
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	34.8	28.2	42.2
92	20.5	15.6	23.4

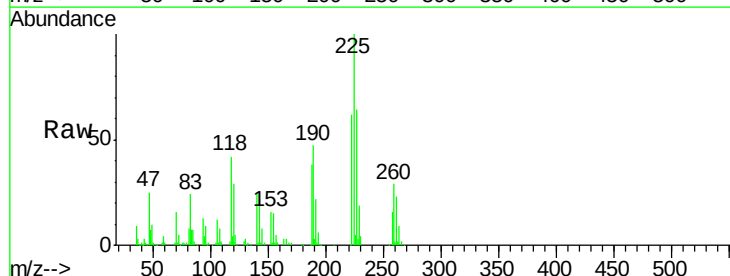


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

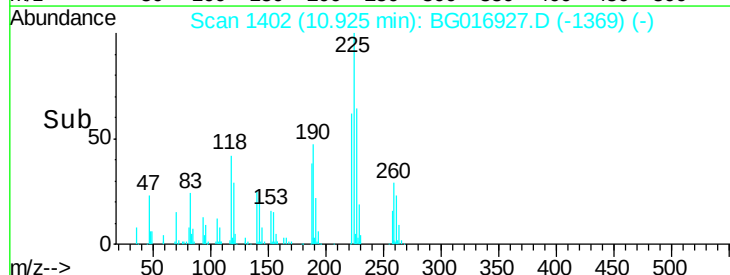
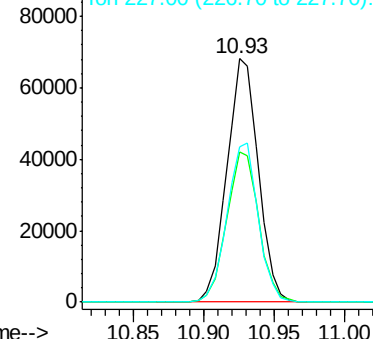


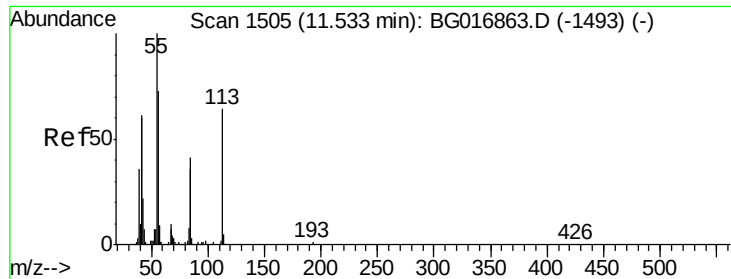
#34
Hexachlorobutadiene
Concen: 36.28 ng
RT: 10.93 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:	225	Resp:	106504
Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.8	68.6
227	64.0	50.7	76.1



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

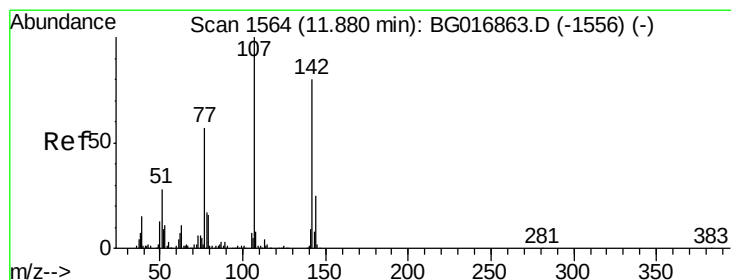
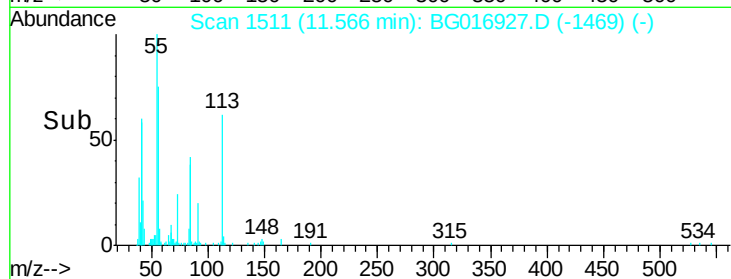
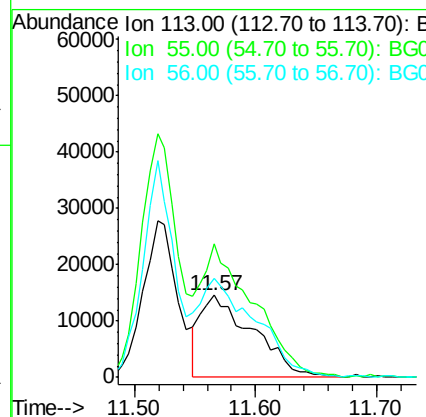
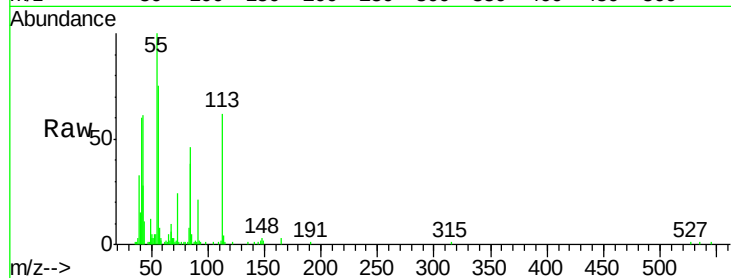




#35
 Caprolactam
 Concen: 19.15 ng
 RT: 11.57 min Scan# 1511
 Delta R.T. 0.05 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

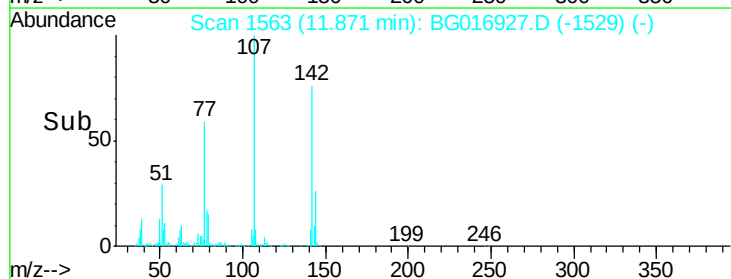
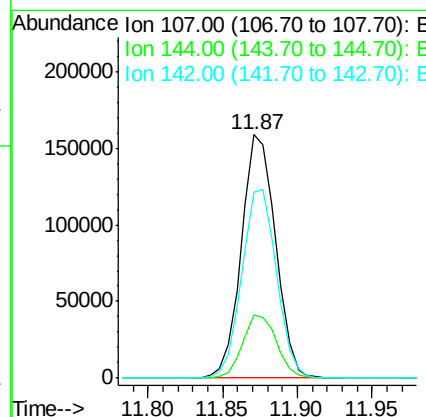
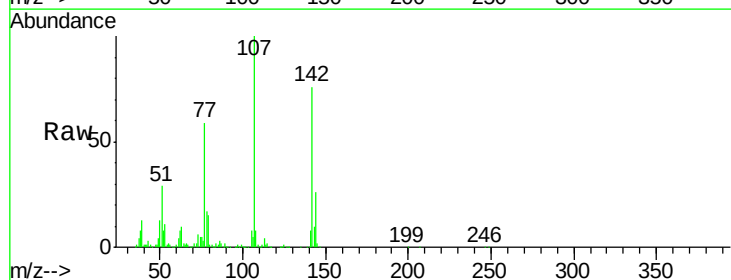
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

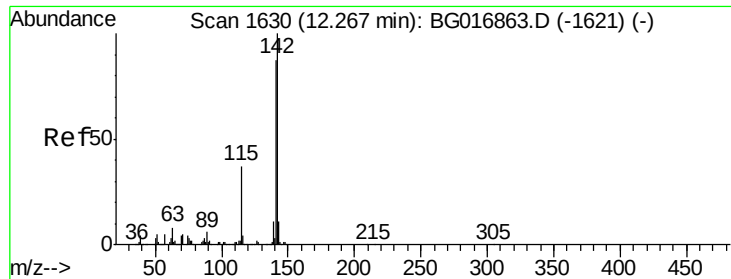
Tgt Ion:113 Resp: 44020
 Ion Ratio Lower Upper
 113 100
 55 162.4 137.1 177.1
 56 121.0 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.61 ng
 RT: 11.87 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:107 Resp: 252711
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 76.4 64.2 96.2

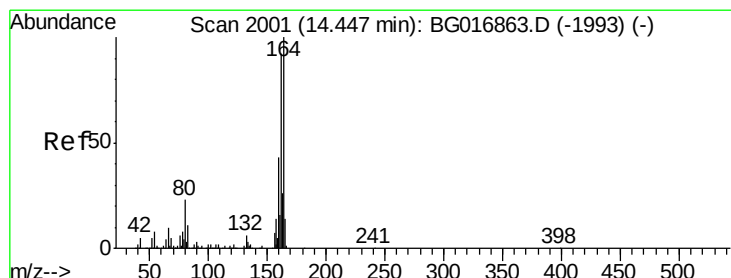
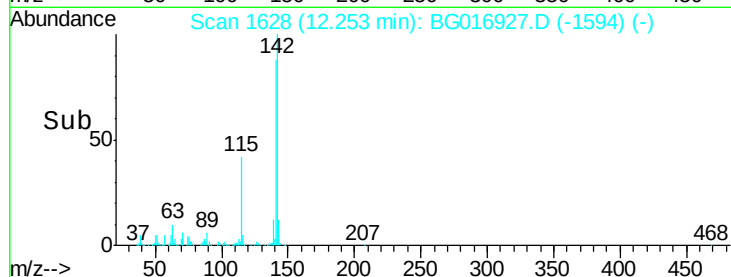
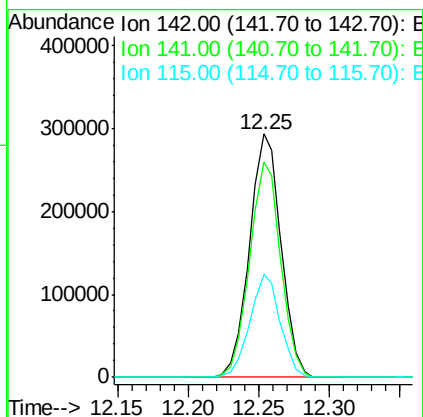
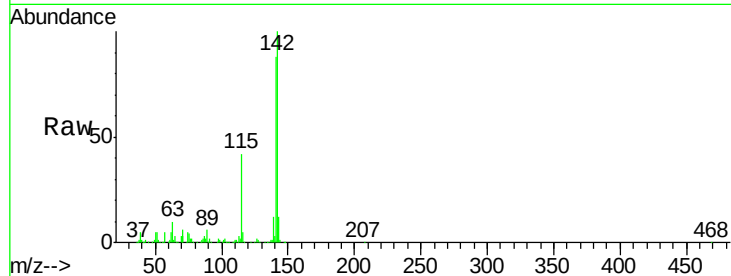




#37
 2-Methylnaphthalene
 Concen: 39.48 ng
 RT: 12.25 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

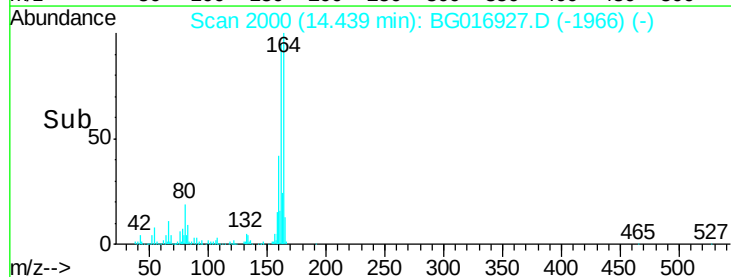
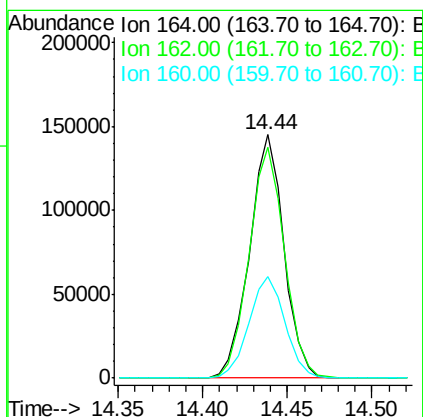
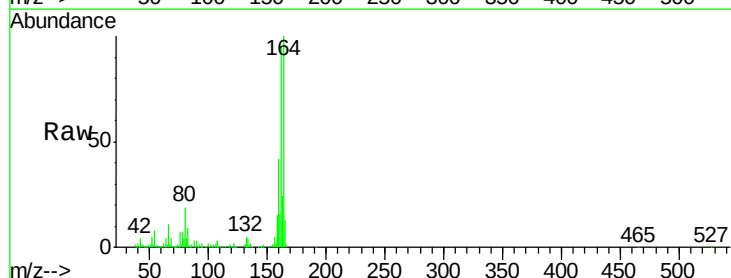
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

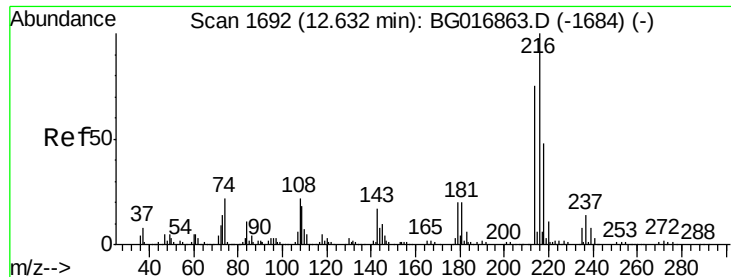
Tgt Ion:142 Resp: 459762
 Ion Ratio Lower Upper
 142 100
 141 88.4 69.9 104.9
 115 42.3 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:164 Resp: 205101
 Ion Ratio Lower Upper
 164 100
 162 95.0 74.0 111.0
 160 41.9 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.24 ng

RT: 12.62 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

Tgt Ion:216 Resp: 206469

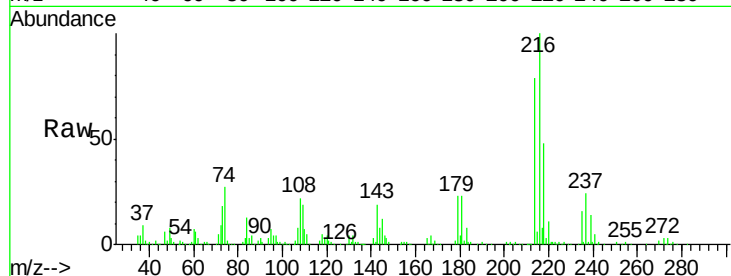
Ion Ratio Lower Upper

216 100

214 79.6 0.0 0.0#

179 22.6 0.0 0.0#

108 27.2 0.0 0.0#

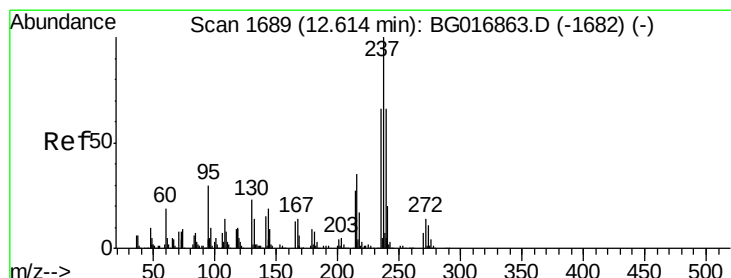
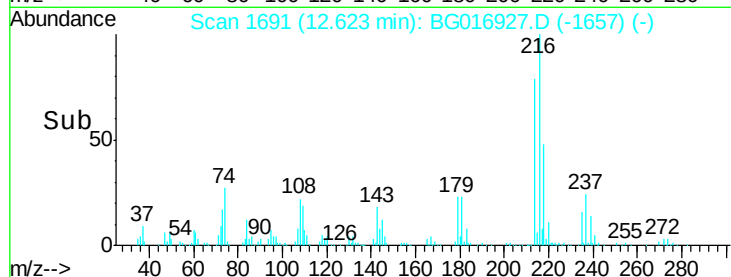
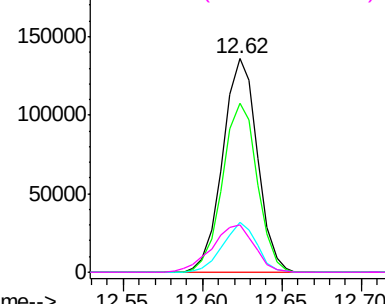


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.28 ng

RT: 12.61 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

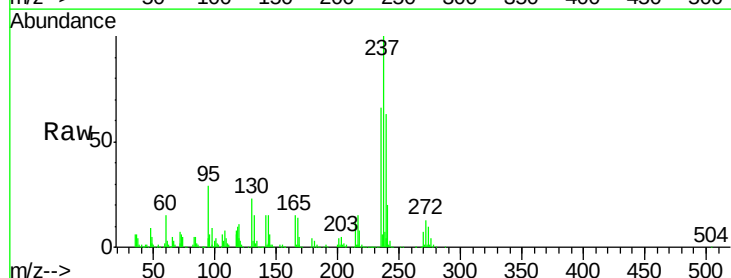
Tgt Ion:237 Resp: 276723

Ion Ratio Lower Upper

237 100

235 65.8 45.5 85.5

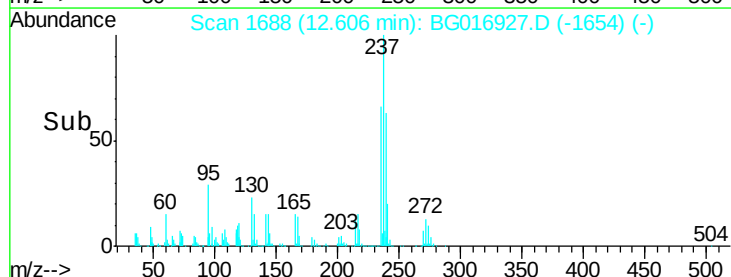
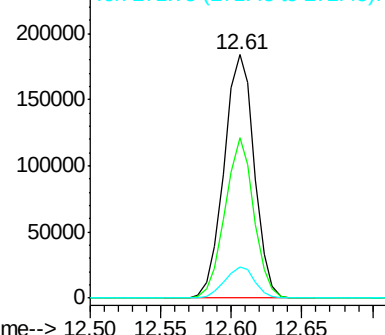
272 12.6 0.0 33.7

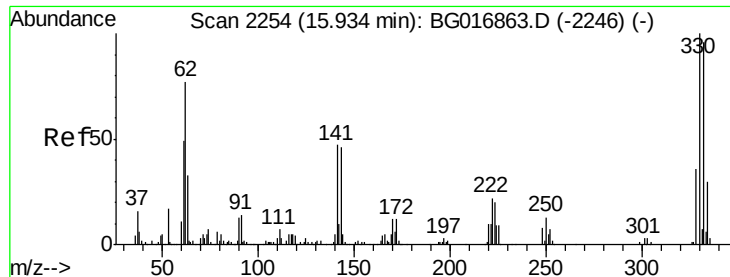


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

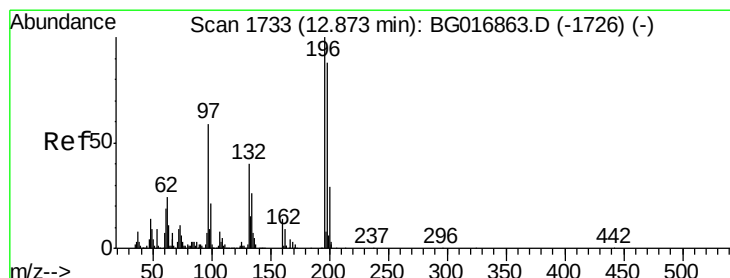
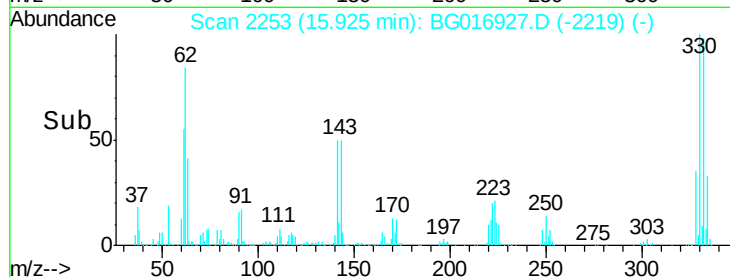
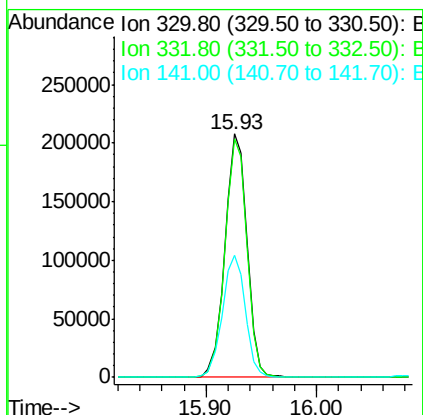
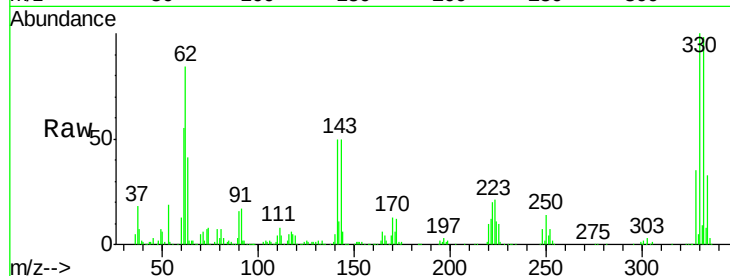




#41
 2,4,6-Tribromophenol
 Concen: 141.88 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

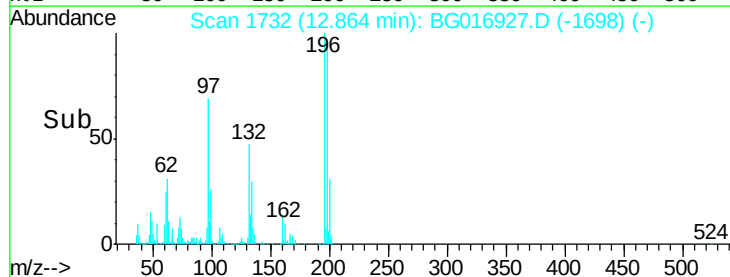
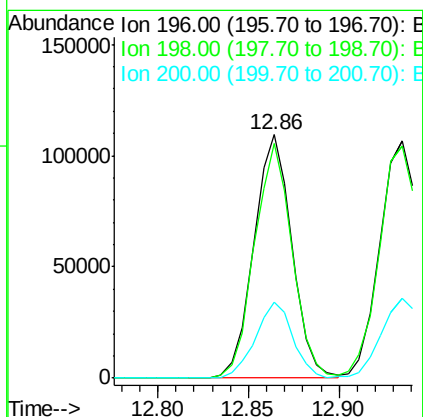
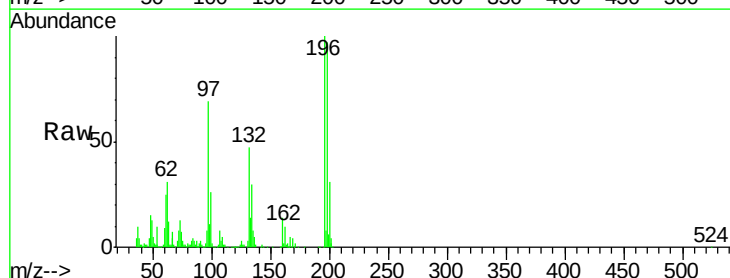
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

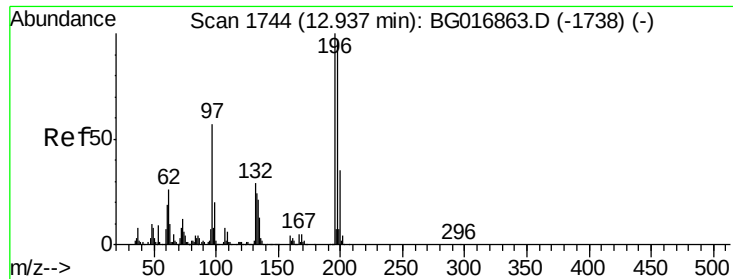
Tgt Ion:330 Resp: 292123
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 51.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.53 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:196 Resp: 159259
 Ion Ratio Lower Upper
 196 100
 198 96.6 70.7 106.1
 200 31.0 23.0 34.4

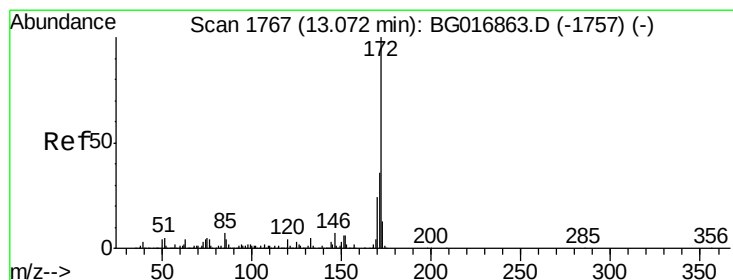
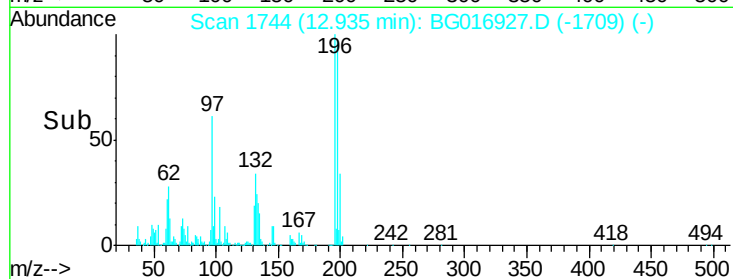
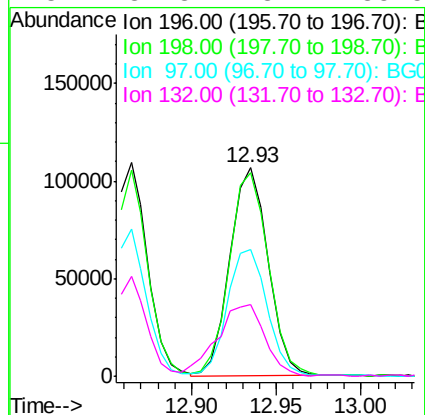
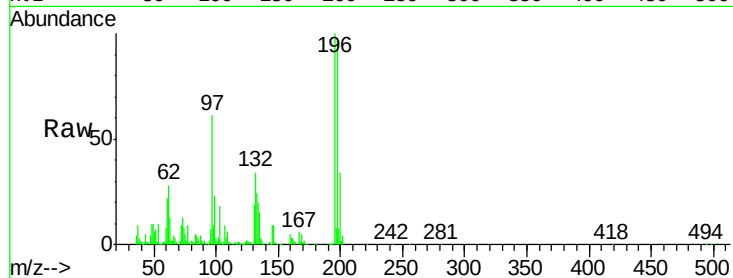




#43
2,4,5-Trichlorophenol
Concen: 40.12 ng
RT: 12.93 min Scan# 1744
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

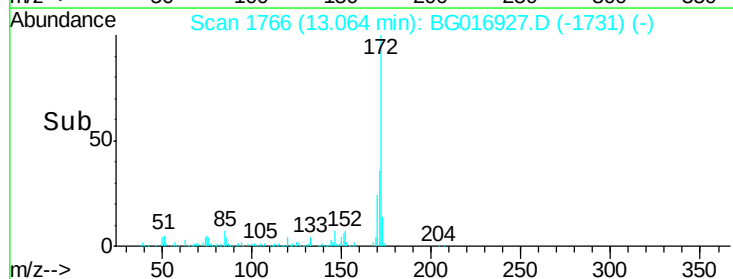
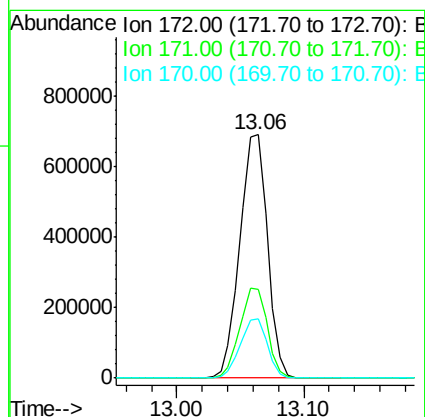
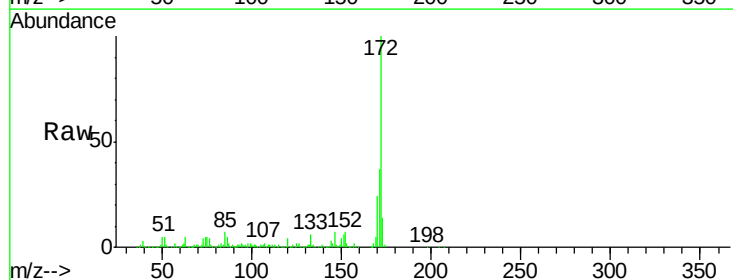
Instrument :
BNA_G
ClientSampleId :
PB83110BS

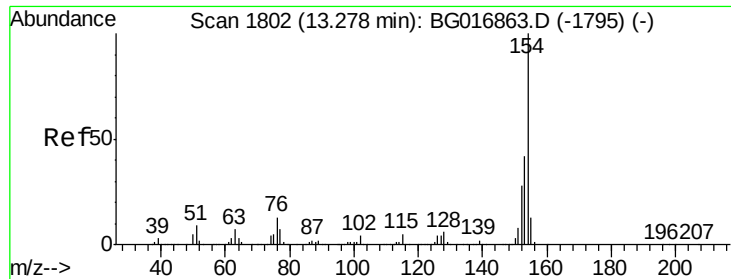
Tgt Ion:196 Resp: 167325
Ion Ratio Lower Upper
196 100
198 97.5 77.5 116.3
97 60.6 45.9 68.9
132 34.3 23.7 35.5



#44
2-Fluorobiphenyl
Concen: 76.75 ng
RT: 13.06 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:172 Resp: 1043132
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.4 19.0 28.4

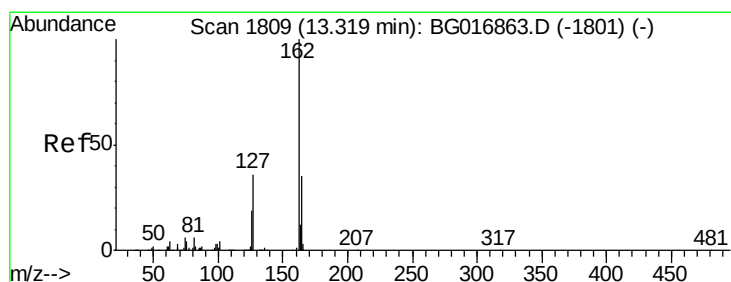
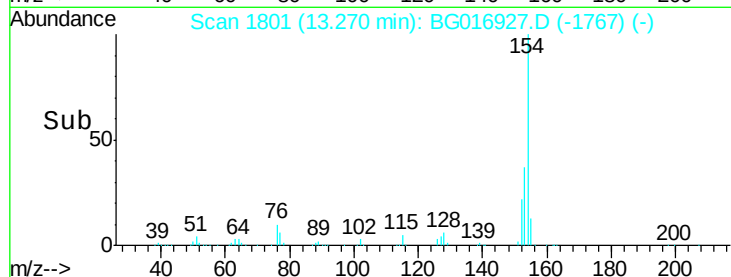
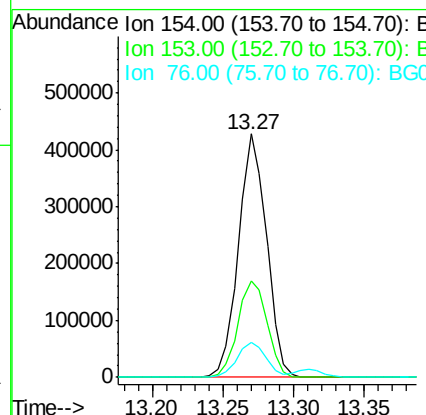
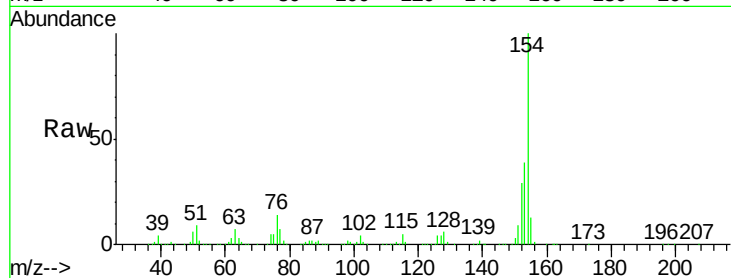




#45
 1,1'-Biphenyl
 Concen: 40.39 ng
 RT: 13.27 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

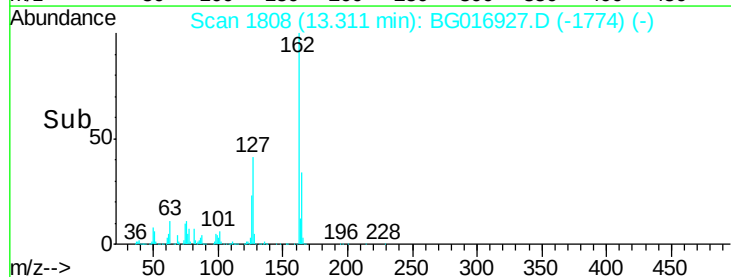
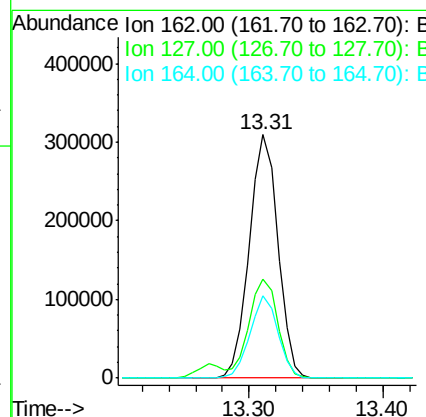
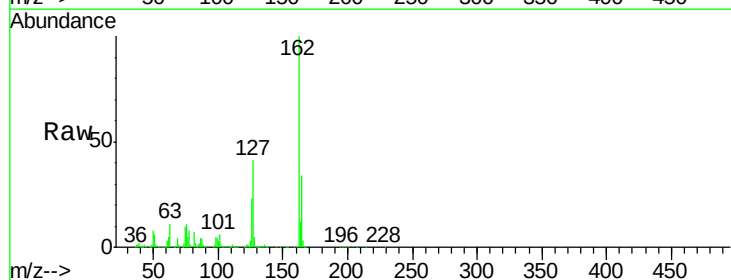
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

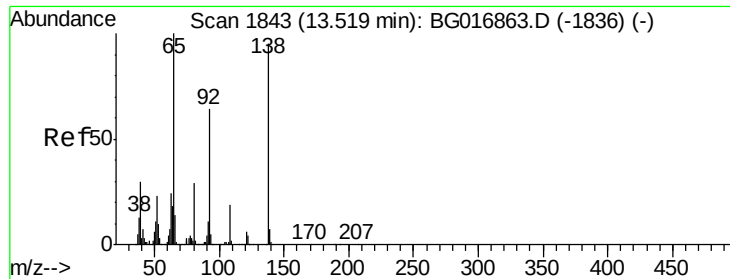
Tgt Ion:154 Resp: 593040
 Ion Ratio Lower Upper
 154 100
 153 39.5 22.0 62.0
 76 14.1 0.0 33.3



#46
 2-Chloronaphthalene
 Concen: 39.17 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:162 Resp: 455574
 Ion Ratio Lower Upper
 162 100
 127 40.6 31.2 46.8
 164 33.7 27.8 41.6

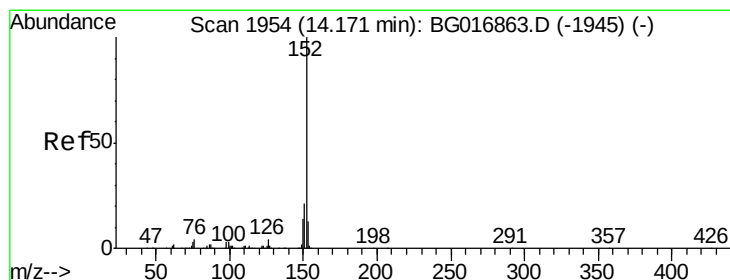
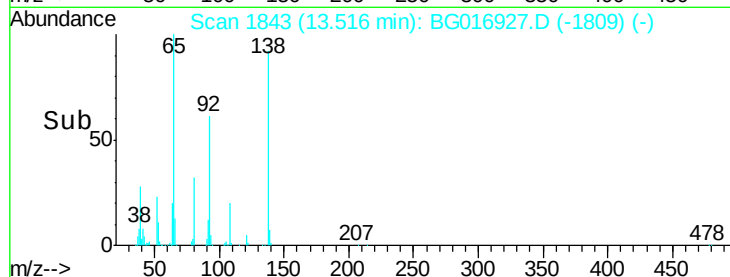
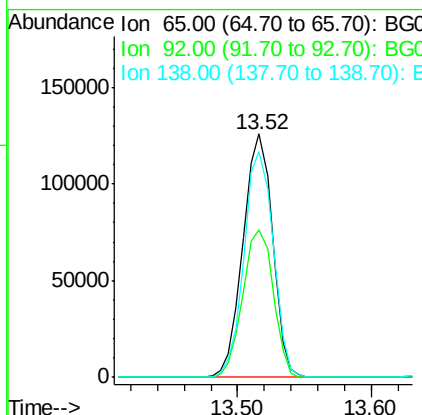
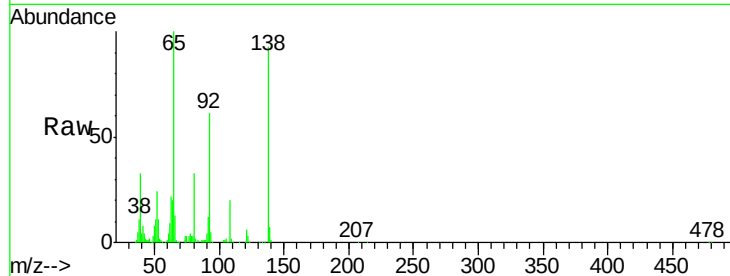




#47
2-Nitroaniline
Concen: 47.49 ng
RT: 13.52 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

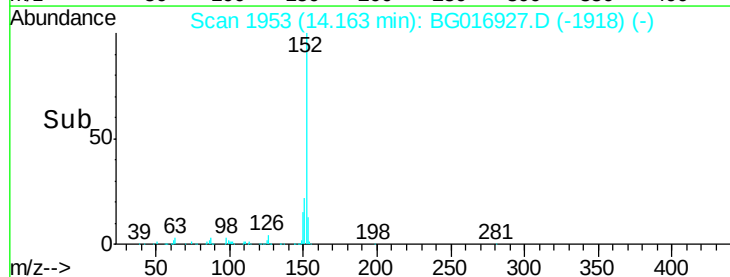
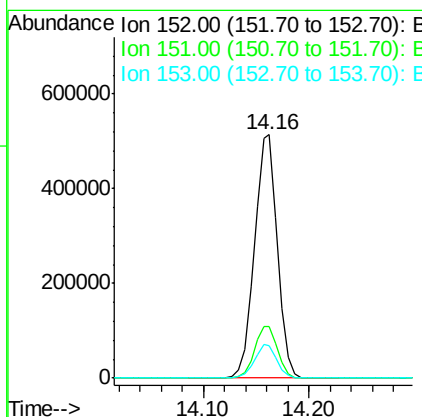
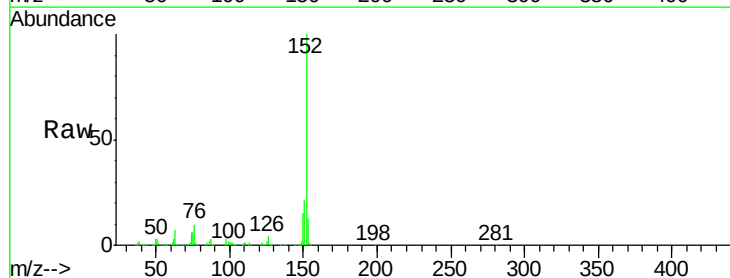
Instrument :
BNA_G
ClientSampleId :
PB83110BS

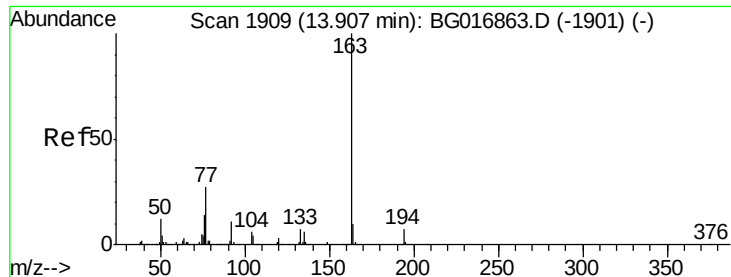
Tgt Ion: 65 Resp: 192264
Ion Ratio Lower Upper
65 100
92 60.8 51.0 76.6
138 92.8 76.2 114.2



#48
Acenaphthylene
Concen: 38.41 ng
RT: 14.16 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion: 152 Resp: 777918
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.4
153 13.2 10.7 16.1

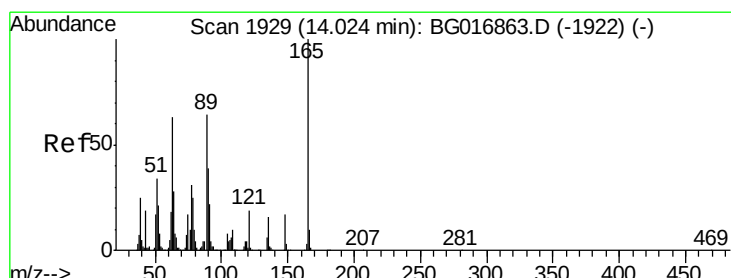
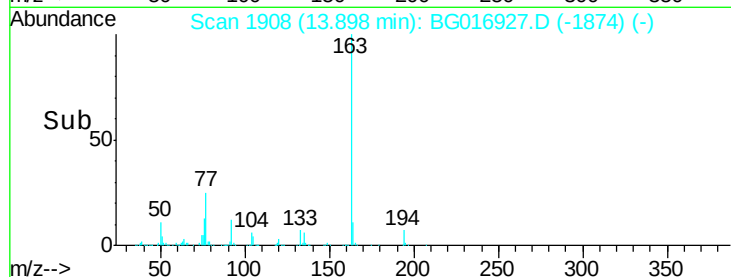
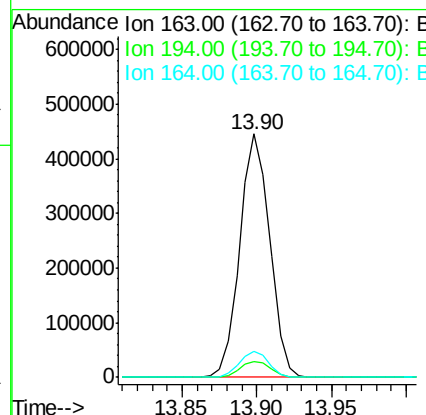
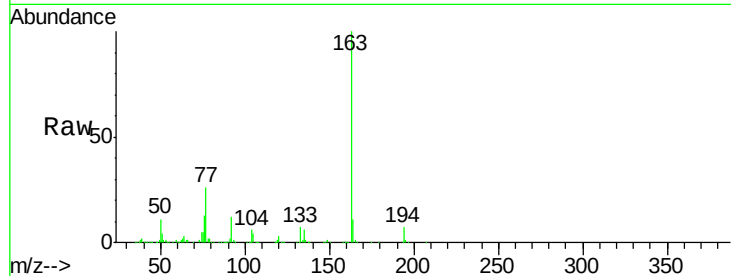




#49
 Dimethylphthalate
 Concen: 40.50 ng
 RT: 13.90 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

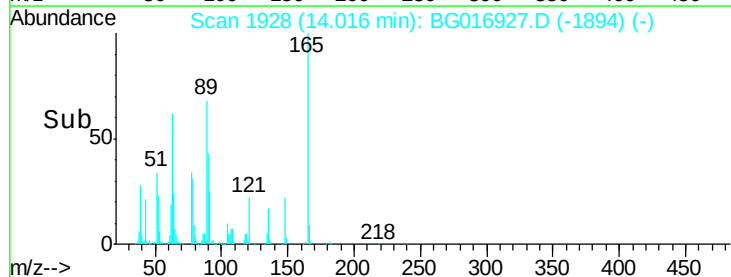
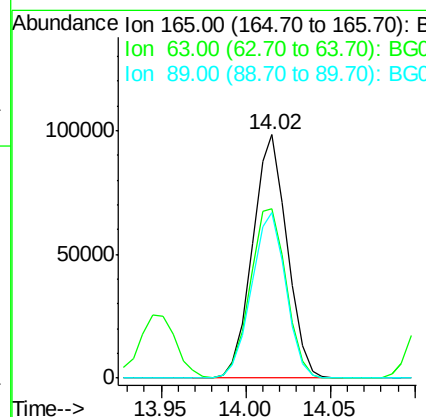
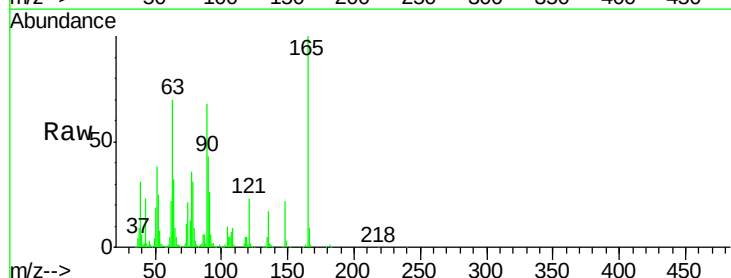
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

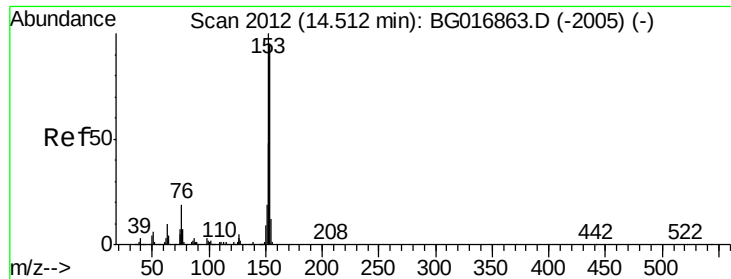
Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.2	7.8
164	10.8	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 43.86 ng
 RT: 14.02 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.6	50.9	76.3
89	68.2	51.4	77.2





#51

Acenaphthene

Concen: 38.16 ng

RT: 14.50 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

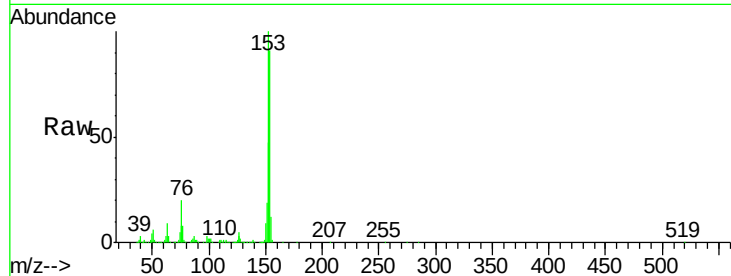
Tgt Ion:154 Resp: 459956

Ion Ratio Lower Upper

154 100

153 110.1 84.2 126.4

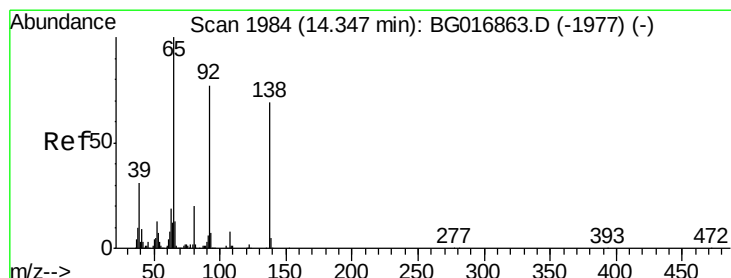
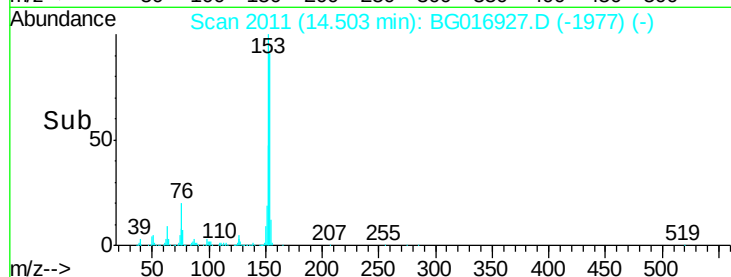
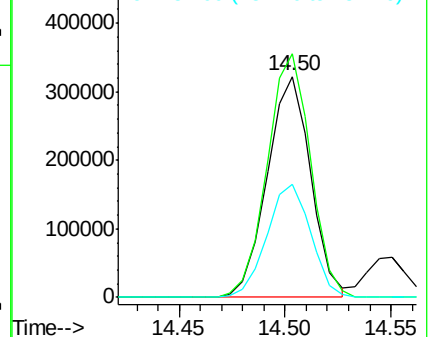
152 51.4 40.2 60.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.69 ng

RT: 14.34 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

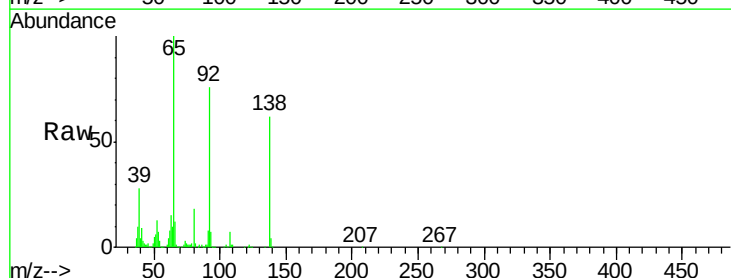
Tgt Ion:138 Resp: 118263

Ion Ratio Lower Upper

138 100

108 11.3 9.5 14.3

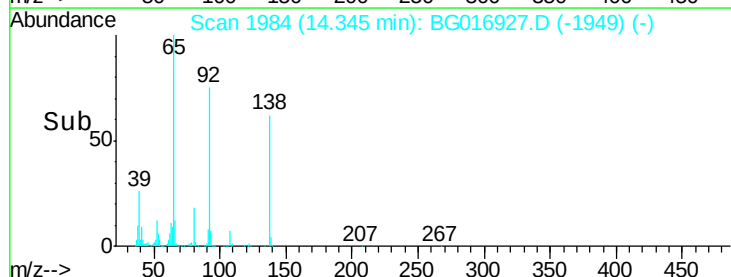
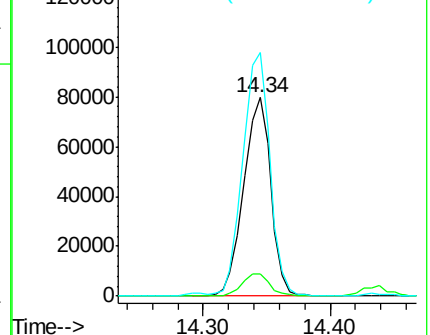
92 122.8 89.6 134.4

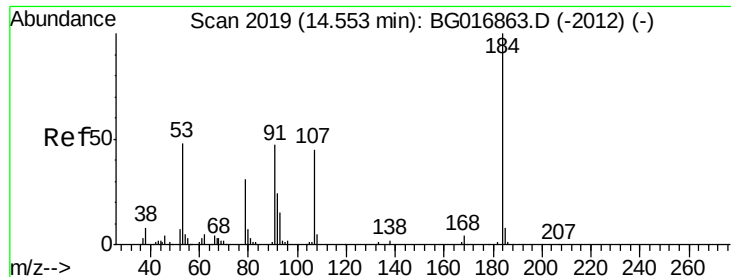


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

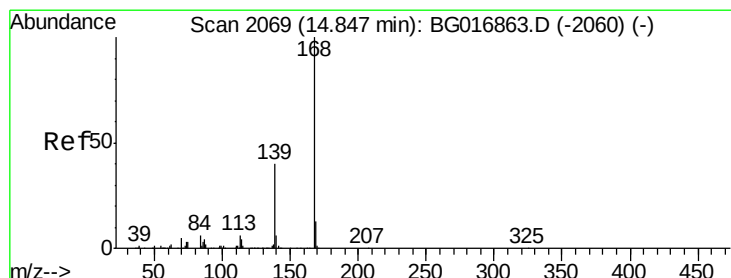
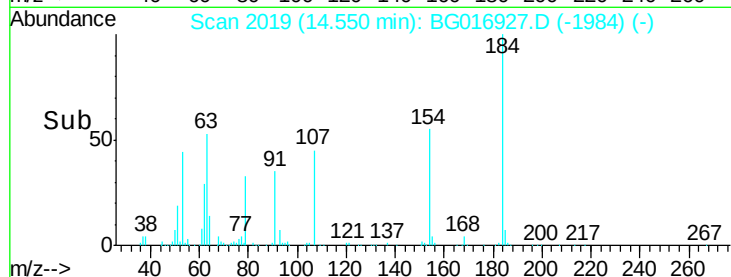
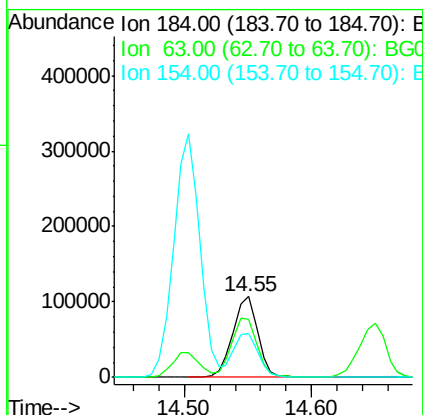
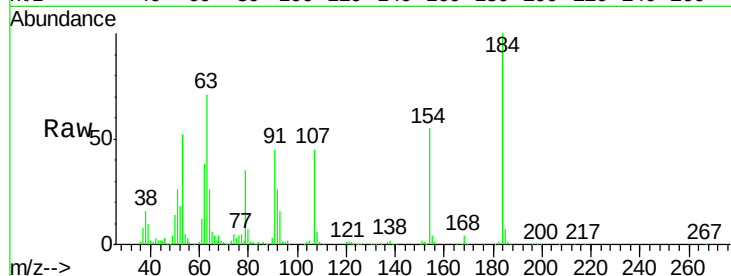




#53
2,4-Dinitrophenol
Concen: 99.94 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

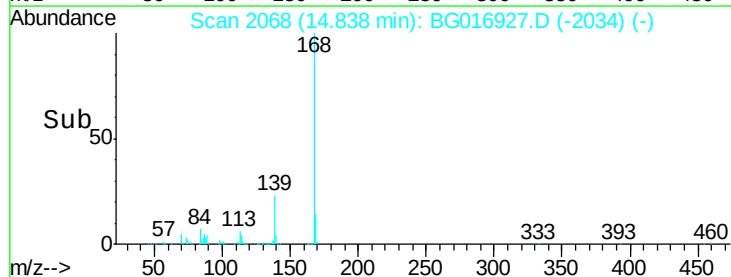
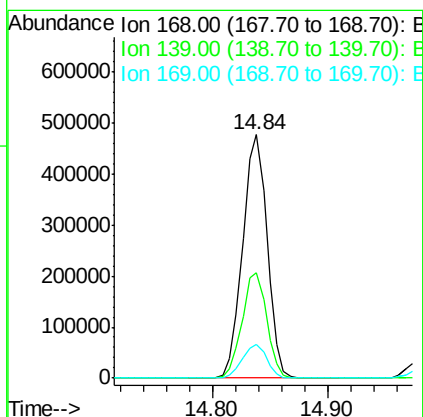
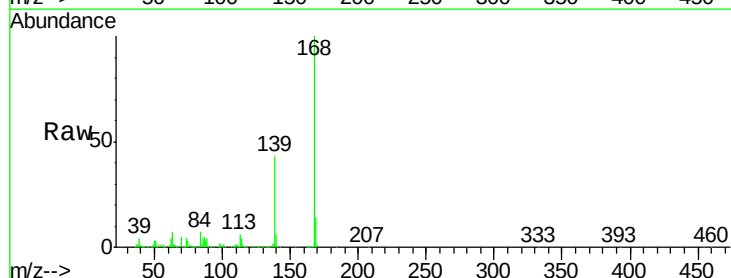
Instrument :
BNA_G
ClientSampleId :
PB83110BS

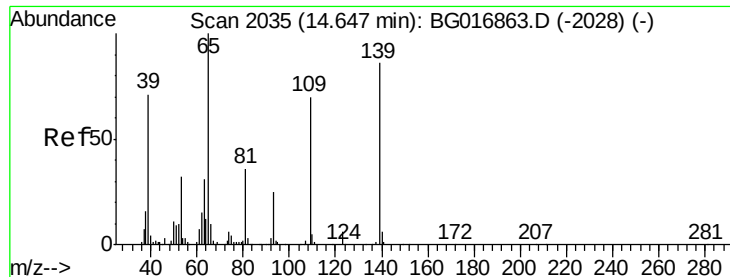
Tgt Ion:184 Resp: 145350
Ion Ratio Lower Upper
184 100
63 71.5 53.4 80.0
154 54.6 41.0 61.6



#54
Dibenzofuran
Concen: 41.07 ng
RT: 14.84 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:168 Resp: 703019
Ion Ratio Lower Upper
168 100
139 43.4 32.5 48.7
169 13.6 10.4 15.6

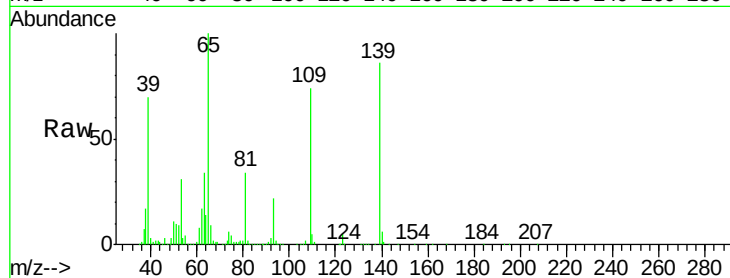




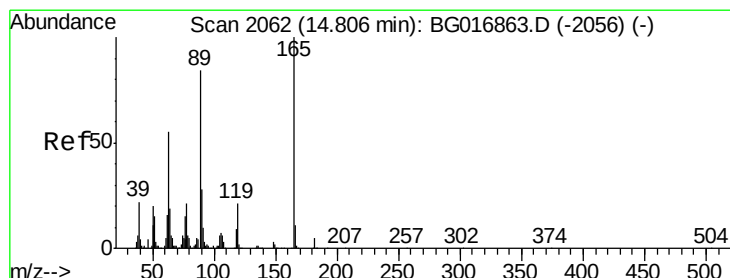
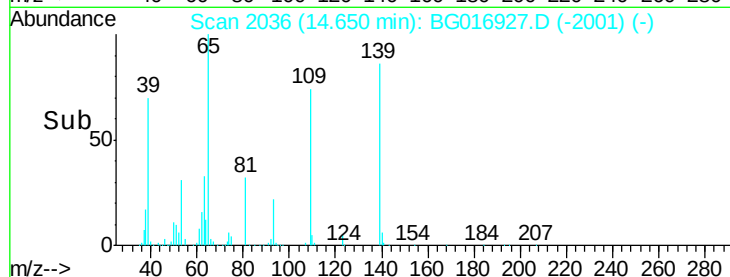
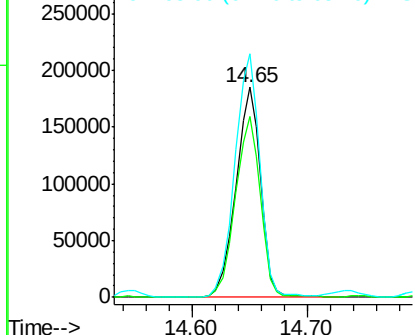
#55
4-Nitrophenol
Concen: 89.20 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tgt Ion:139 Resp: 273626
Ion Ratio Lower Upper
139 100
109 86.1 61.8 101.8
65 115.8 96.8 136.8

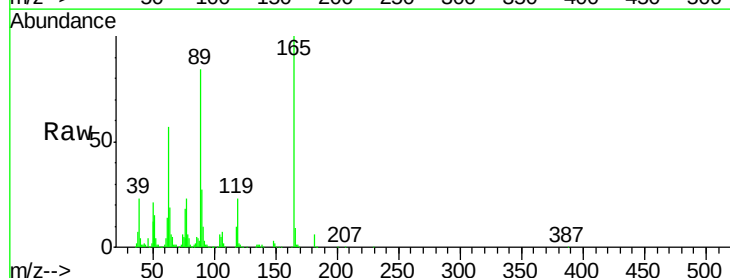


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

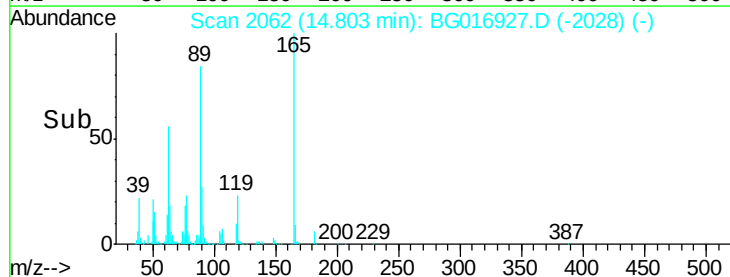
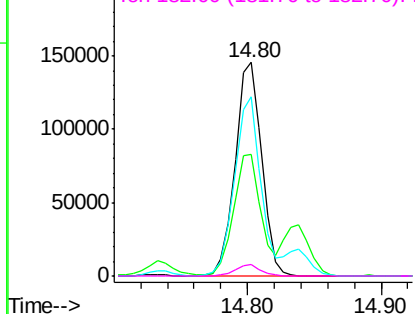


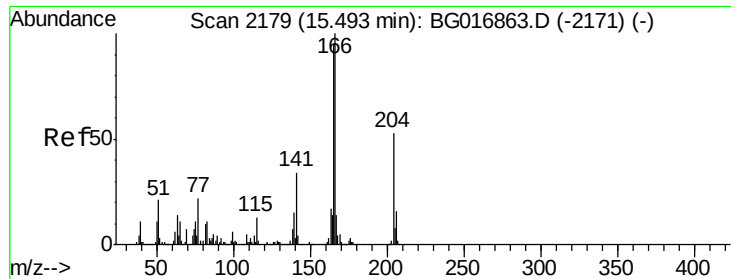
#56
2,4-Dinitrotoluene
Concen: 49.31 ng
RT: 14.80 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:165 Resp: 200573
Ion Ratio Lower Upper
165 100
63 56.8 44.2 66.4
89 83.7 67.2 100.8
182 5.6 4.2 6.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

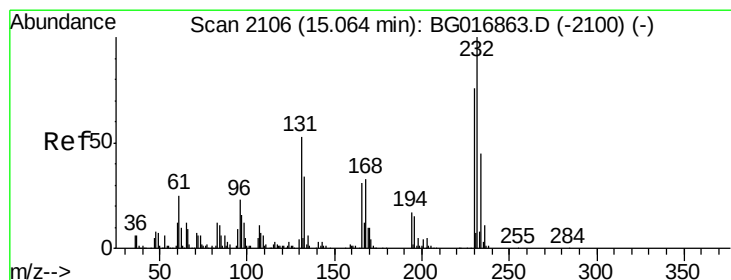
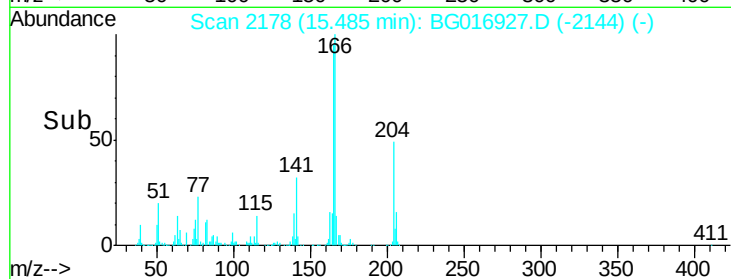
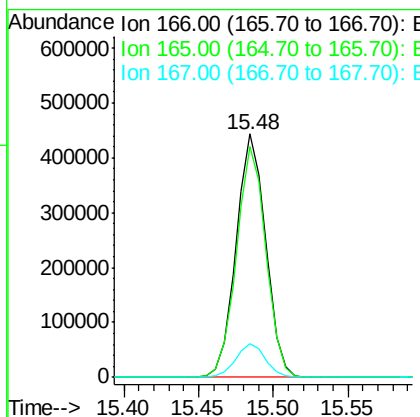
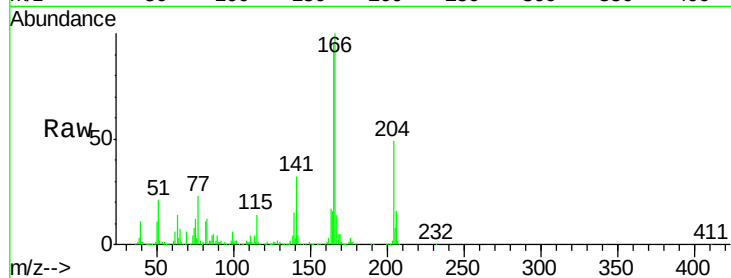




#57
 Fluorene
 Concen: 40.32 ng
 RT: 15.48 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

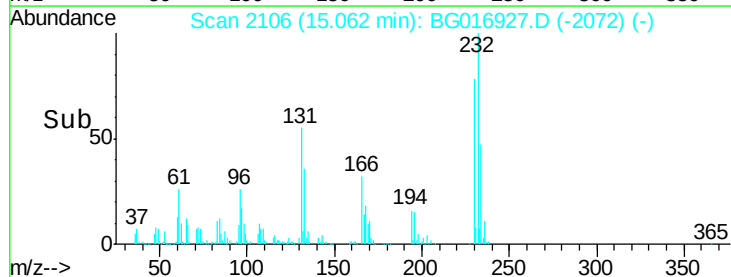
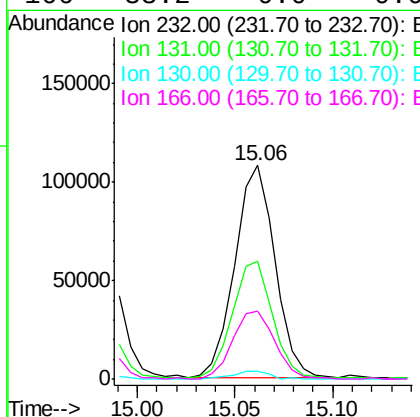
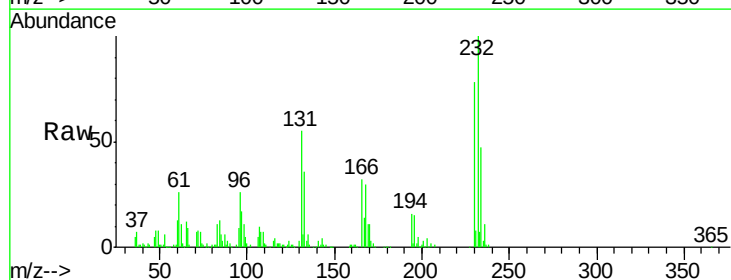
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

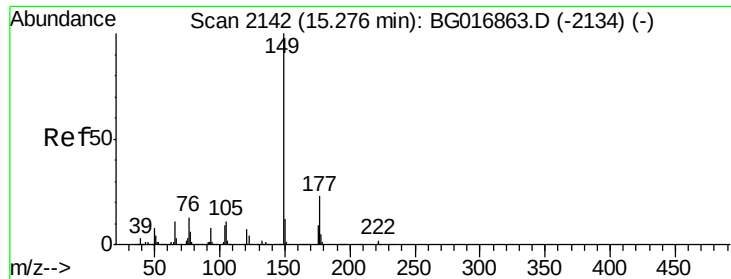
Tgt Ion:166 Resp: 611012
 Ion Ratio Lower Upper
 166 100
 165 94.9 76.1 114.1
 167 13.6 11.4 17.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.96 ng
 RT: 15.06 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:232 Resp: 154583
 Ion Ratio Lower Upper
 232 100
 131 54.5 0.1 0.1#
 130 3.4 0.0 0.0#
 166 33.2 0.0 0.0#

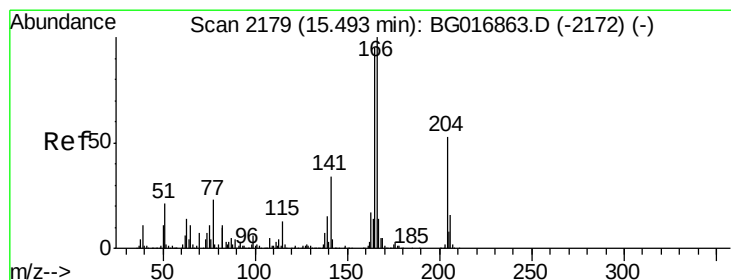
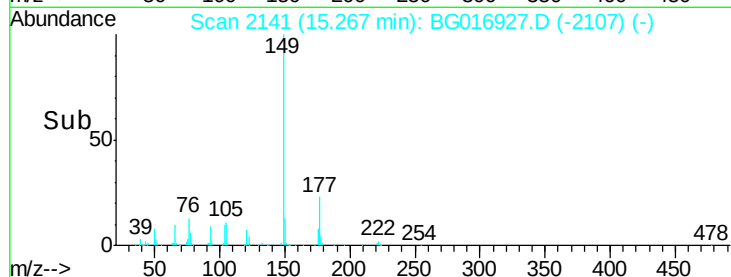
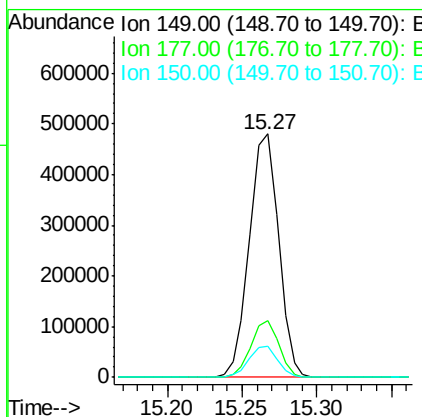
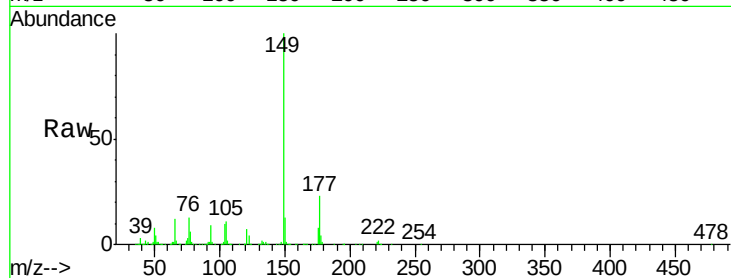




#59
Diethylphthalate
Concen: 40.27 ng
RT: 15.27 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

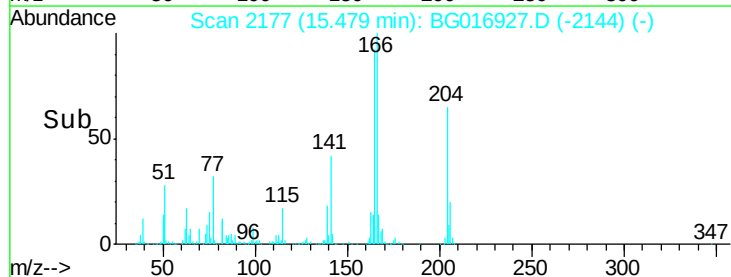
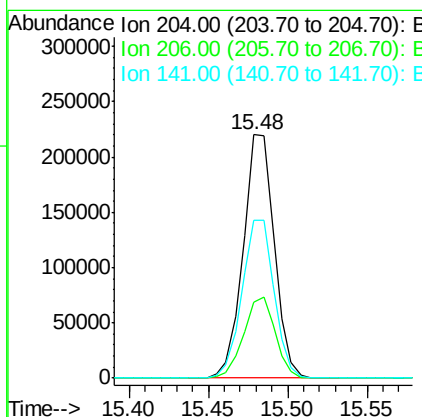
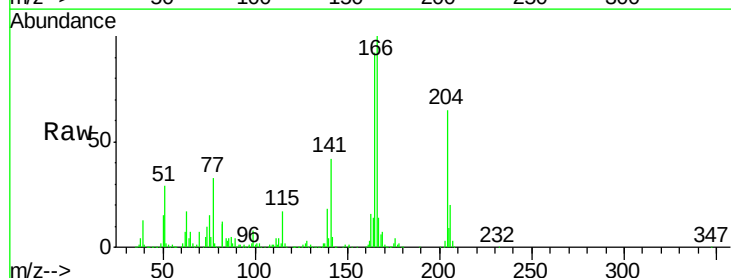
Instrument :
BNA_G
ClientSampleId :
PB83110BS

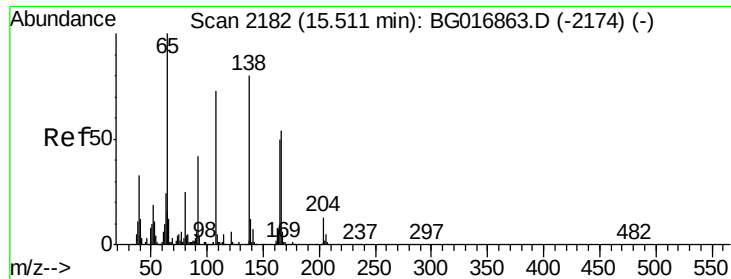
Tgt Ion:149 Resp: 651041
Ion Ratio Lower Upper
149 100
177 23.1 18.6 27.8
150 12.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.31 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:204 Resp: 299333
Ion Ratio Lower Upper
204 100
206 31.0 24.8 37.2
141 65.1 52.4 78.6

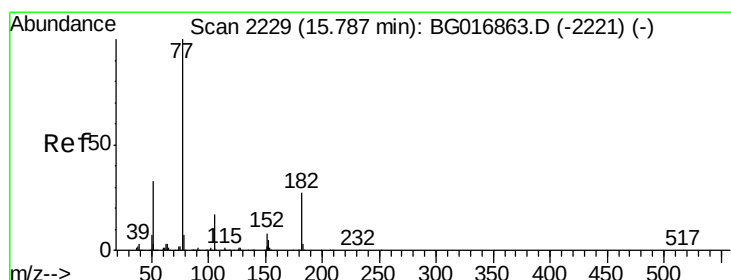
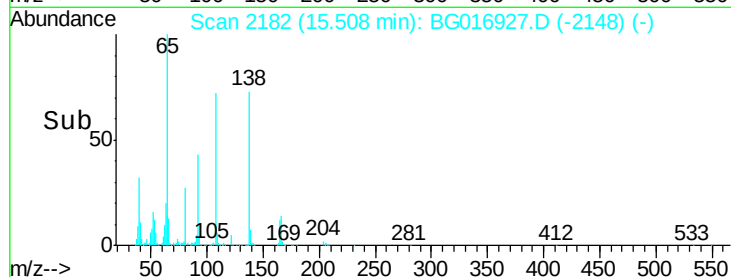
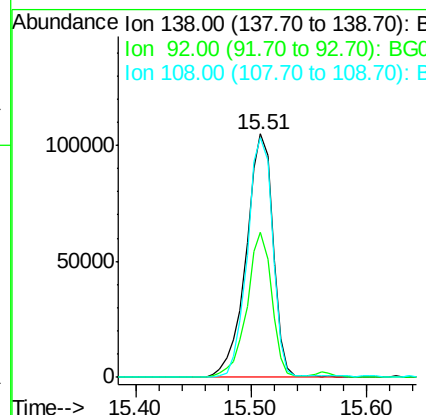
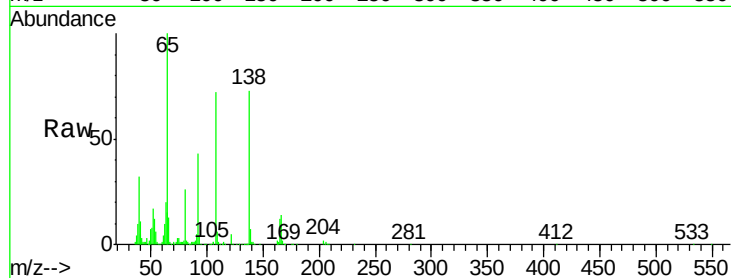




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

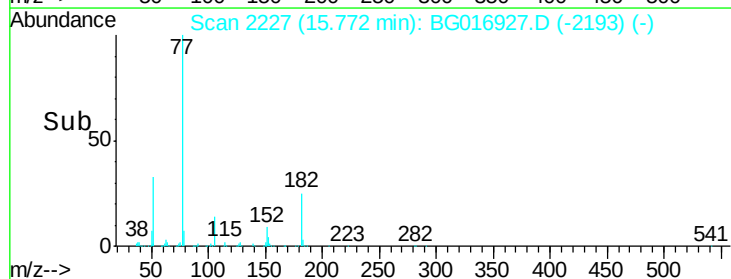
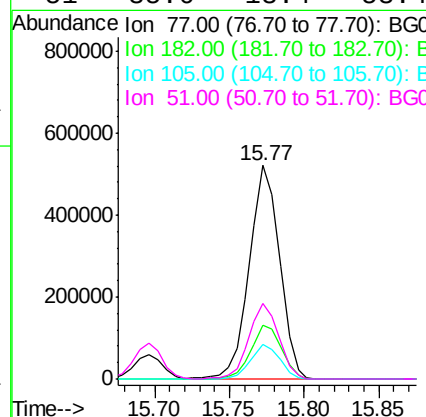
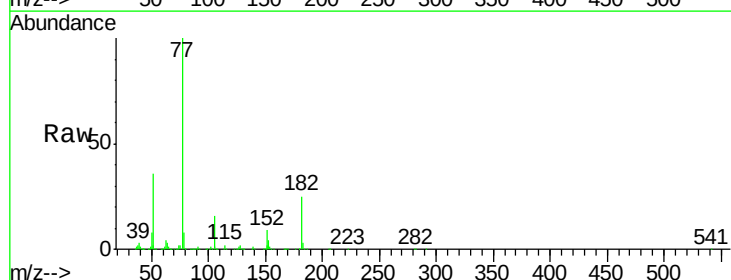
Instrument :
BNA_G
ClientSampled :
PB83110BS

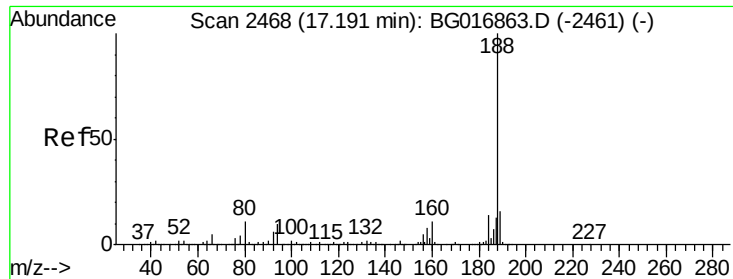
Tgt Ion:138 Resp: 169999
Ion Ratio Lower Upper
138 100
92 59.3 31.8 71.8
108 98.5 70.6 110.6



#62
Azobenzene
Concen: 43.46 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion: 77 Resp: 727753
Ion Ratio Lower Upper
77 100
182 24.9 7.4 47.4
105 16.1 0.0 36.6
51 35.6 13.4 53.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

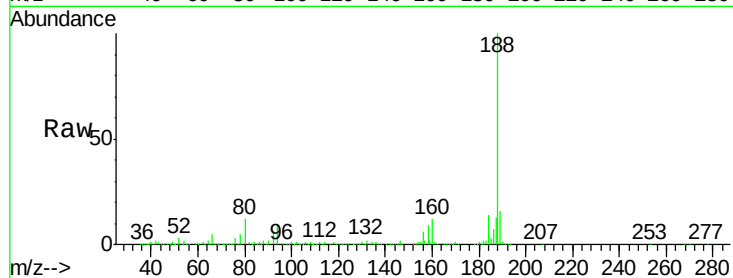
Tgt Ion:188 Resp: 442501

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

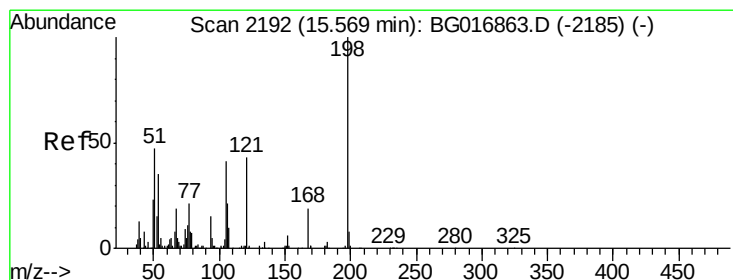
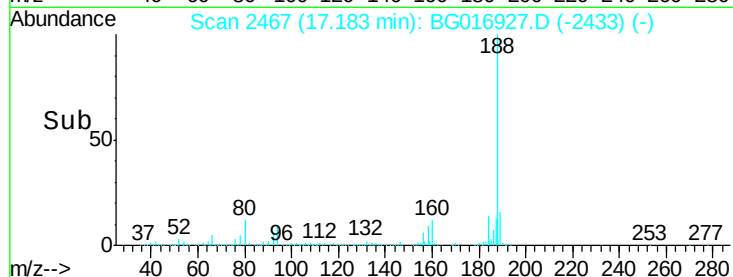
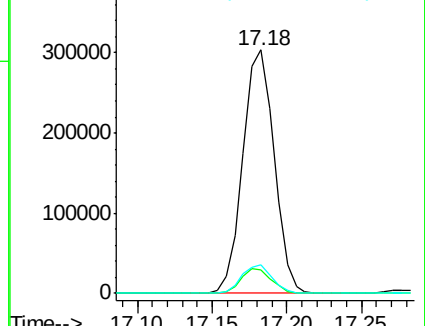
80 11.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.50 ng

RT: 15.56 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

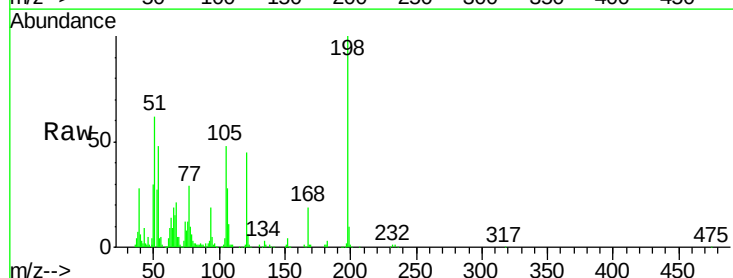
Tgt Ion:198 Resp: 102013

Ion Ratio Lower Upper

198 100

51 62.1 31.2 71.2

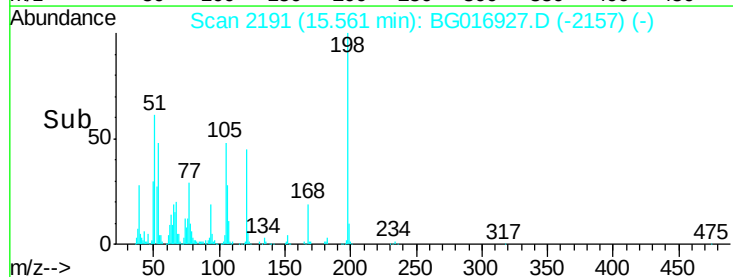
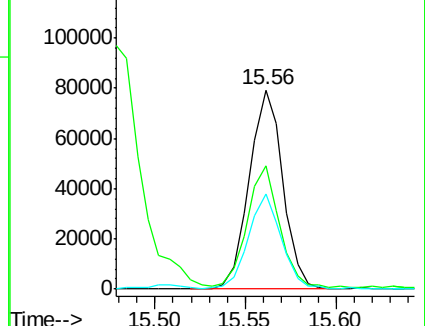
105 47.6 22.0 62.0

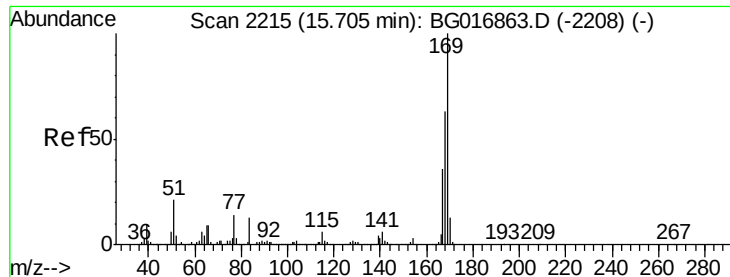


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

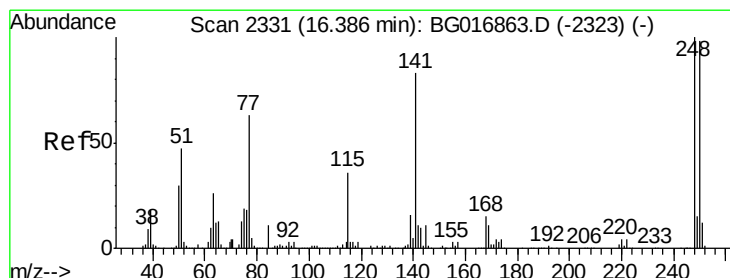
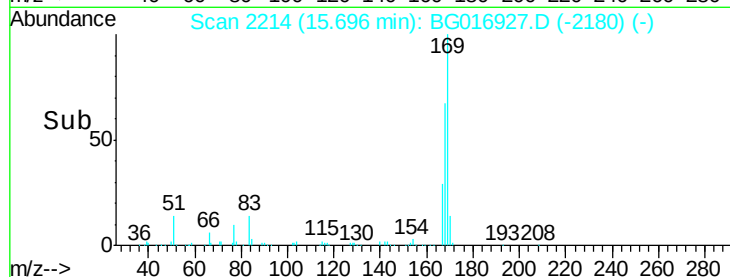
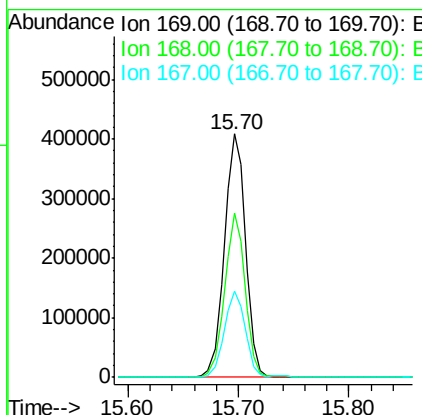
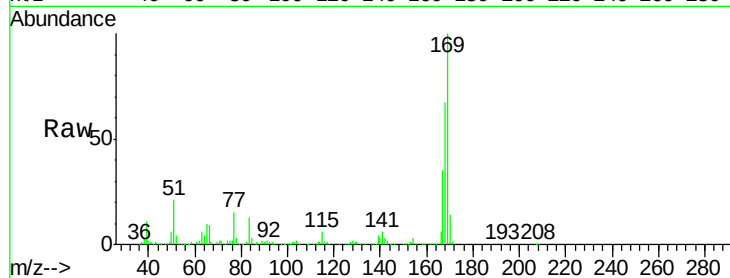




#65
 n-Nitrosodiphenylamine
 Concen: 40.59 ng
 RT: 15.70 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

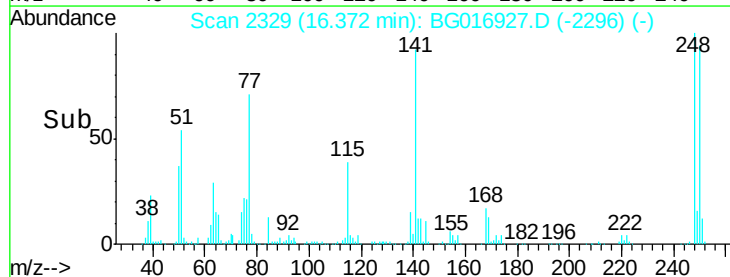
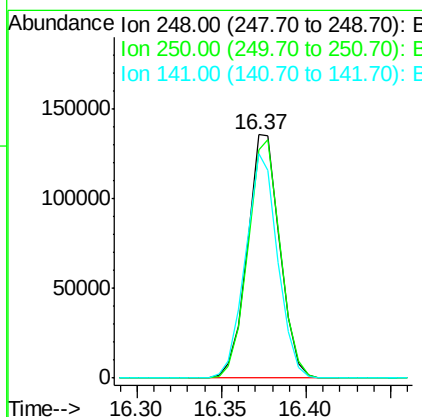
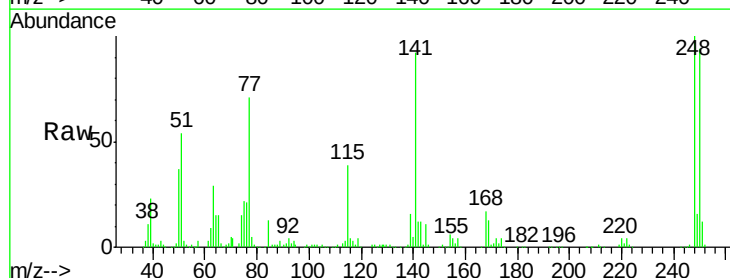
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

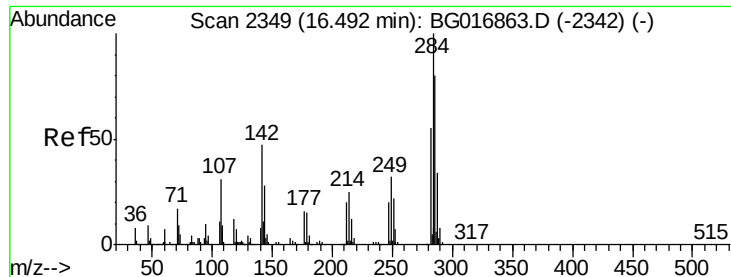
Tgt Ion:169 Resp: 548318
 Ion Ratio Lower Upper
 169 100
 168 67.4 50.6 76.0
 167 35.2 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 40.83 ng
 RT: 16.37 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:248 Resp: 181363
 Ion Ratio Lower Upper
 248 100
 250 94.0 78.6 117.8
 141 91.9 66.3 99.5

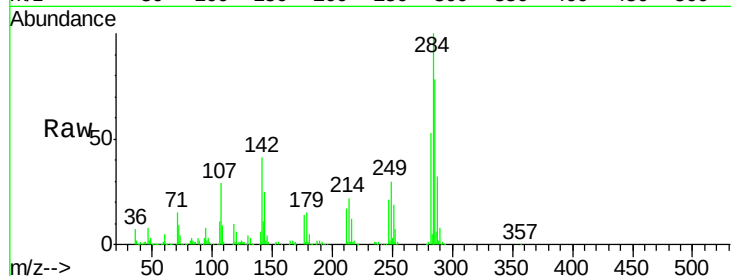




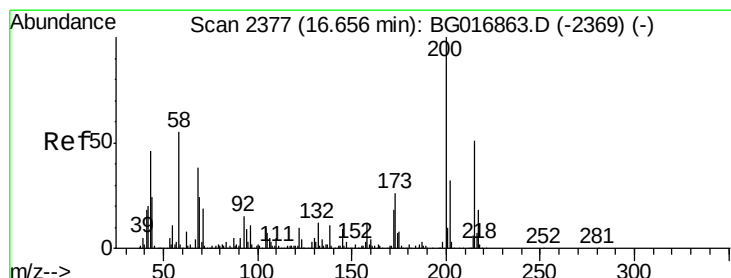
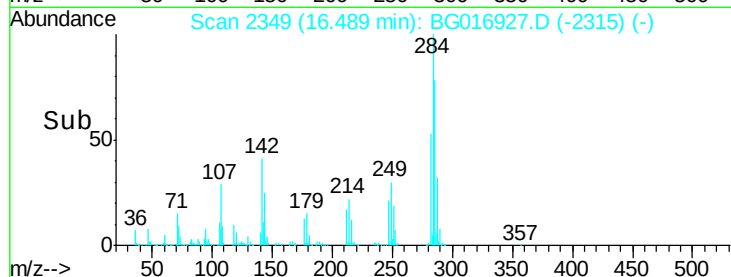
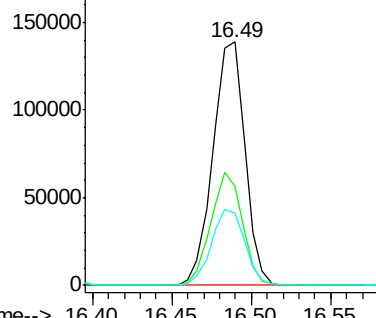
#67
Hexachlorobenzene
Concen: 41.58 ng
RT: 16.49 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.5	37.4	56.0
249	29.8	25.5	38.3

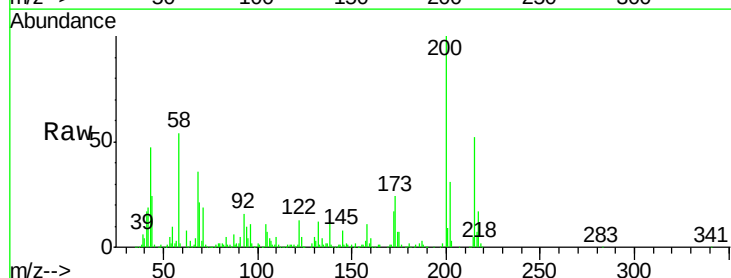


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

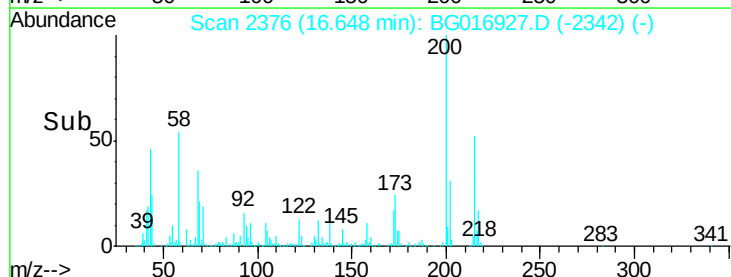
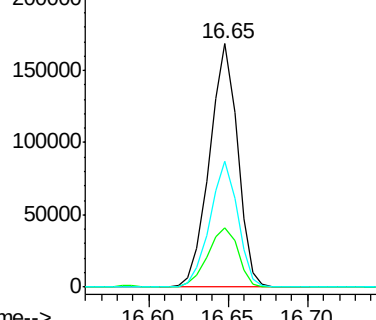


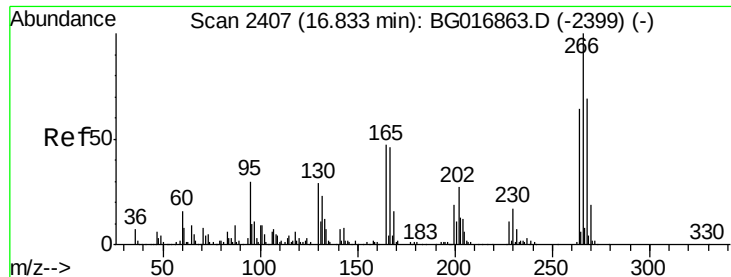
#68
Atrazine
Concen: 42.64 ng
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	6.1	46.1
215	51.8	30.8	70.8



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: 85.73 ng

RT: 16.83 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

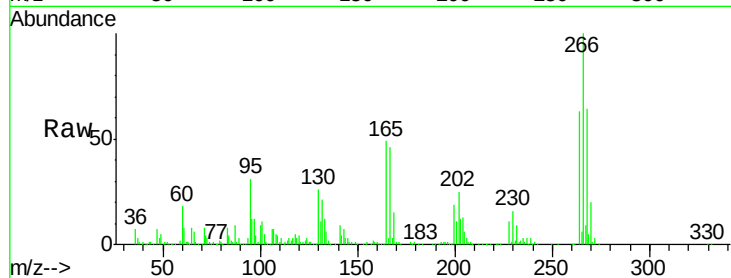
Tgt Ion:266 Resp: 260686

Ion Ratio Lower Upper

266 100

268 64.2 55.2 82.8

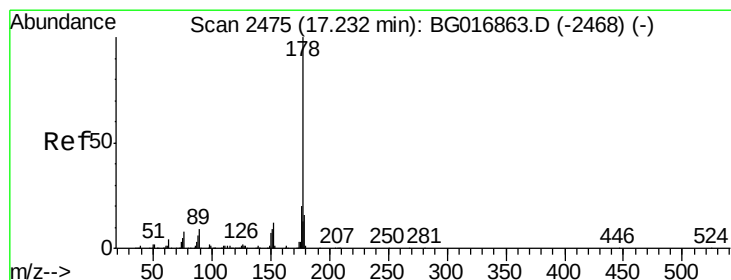
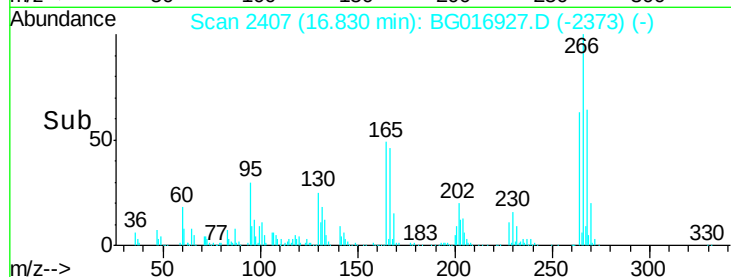
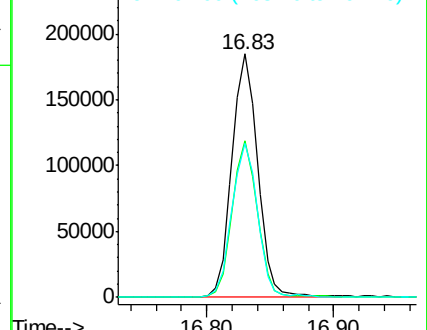
264 63.4 51.4 77.0



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: 40.20 ng

RT: 17.22 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

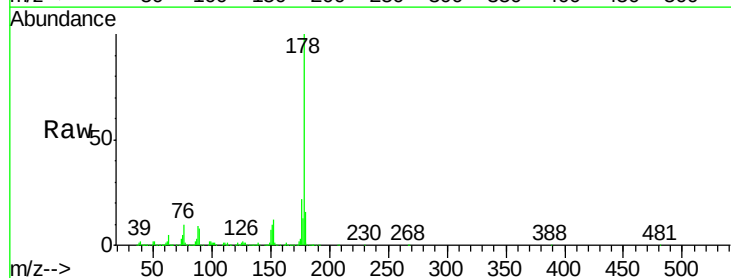
Tgt Ion:178 Resp: 915326

Ion Ratio Lower Upper

178 100

176 21.5 16.0 24.0

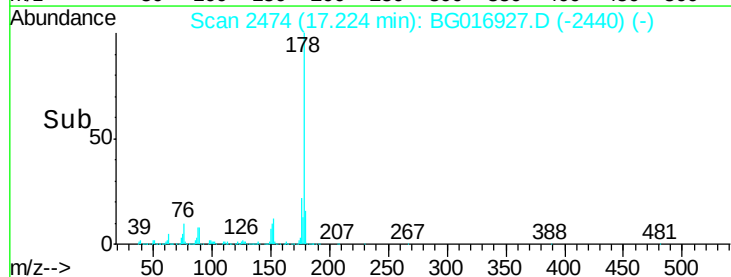
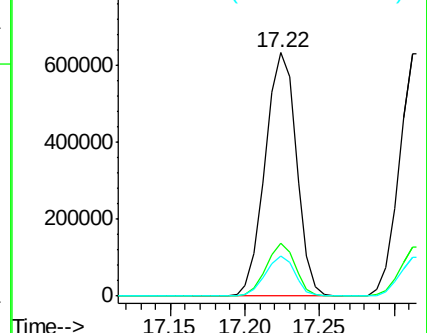
179 16.4 13.0 19.6

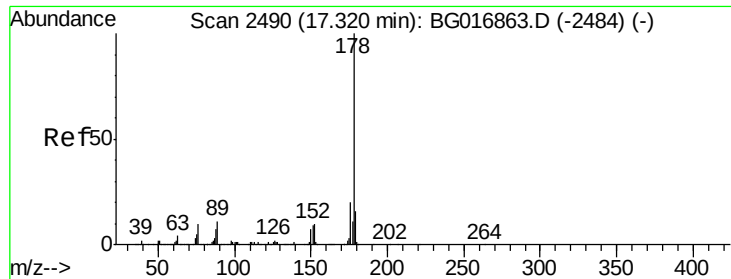


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

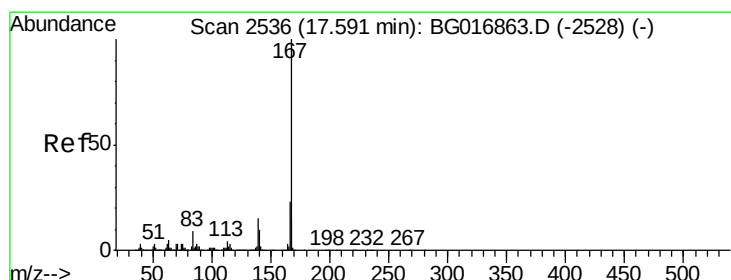
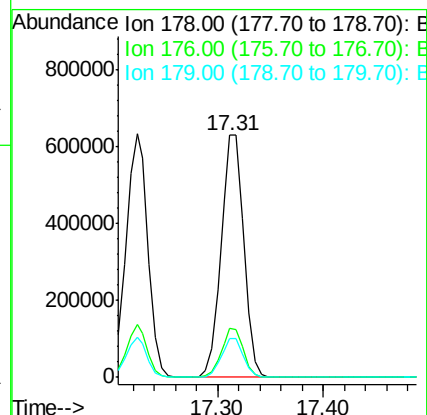
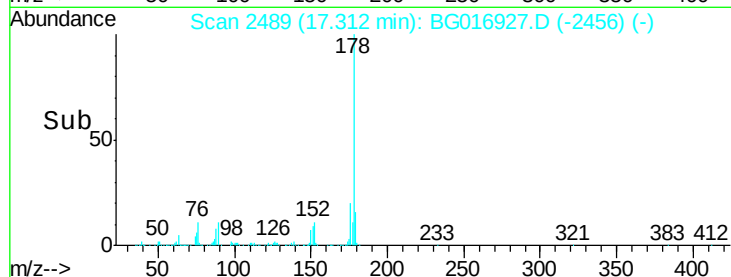
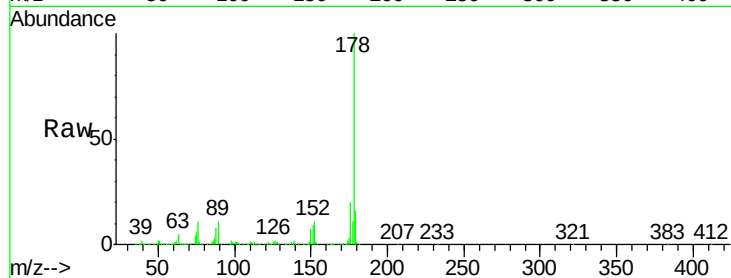




#71
 Anthracene
 Concen: 41.11 ng
 RT: 17.31 min Scan# 2489
 Delta R.T. -0.01 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

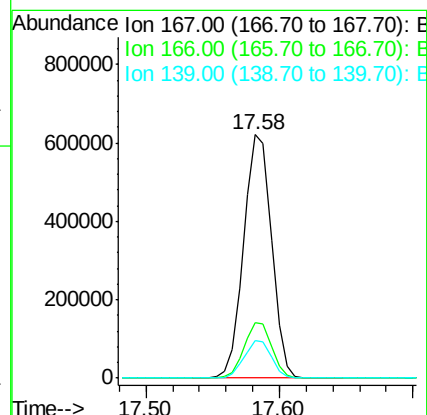
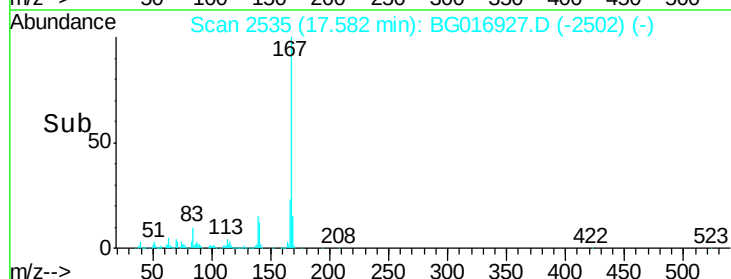
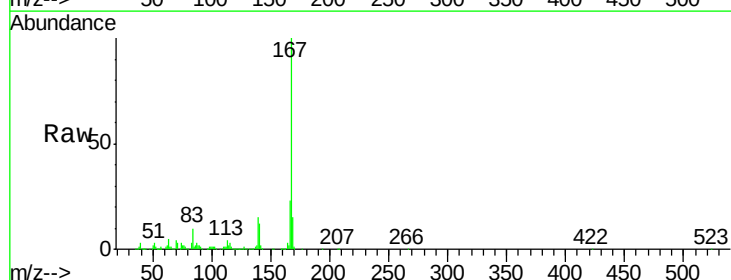
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

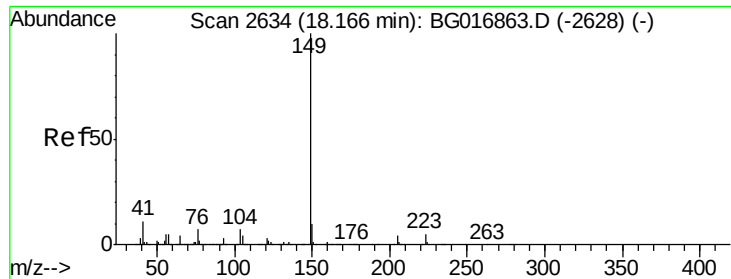
Tgt Ion:178 Resp: 944383
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.1 13.1 19.7



#72
 Carbazole
 Concen: 40.96 ng
 RT: 17.58 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BG016927.D
 Acq: 7 May 2015 17:10

Tgt Ion:167 Resp: 894622
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 15.2 12.2 18.4

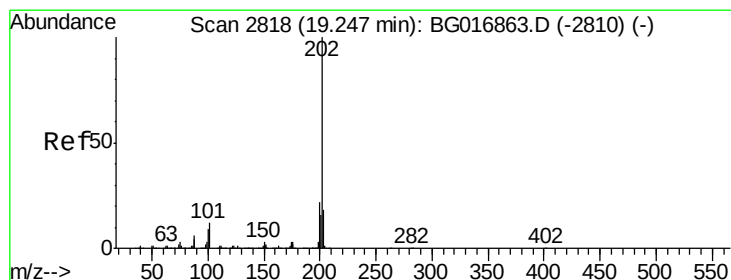
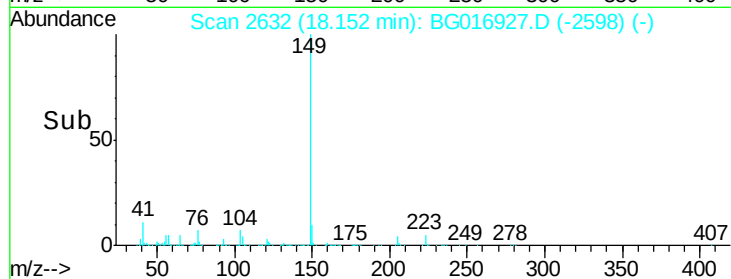
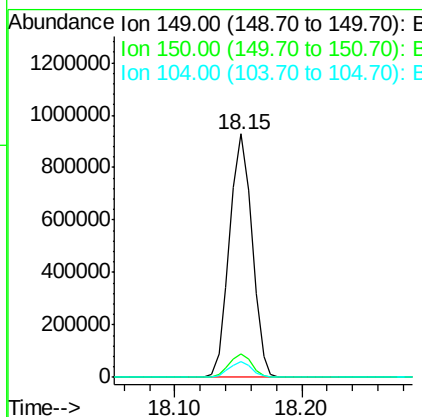
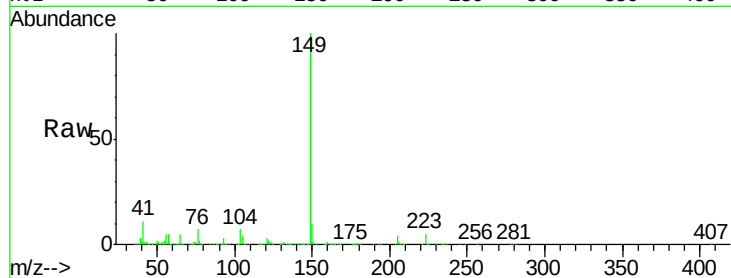




#73
Di-n-butylphthalate
Concen: 40.28 ng
RT: 18.15 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

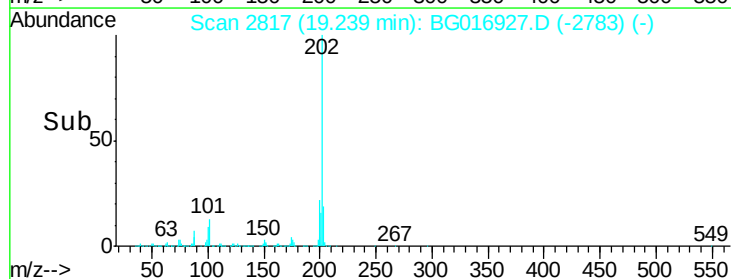
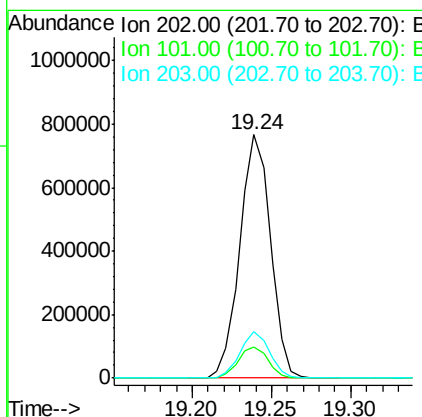
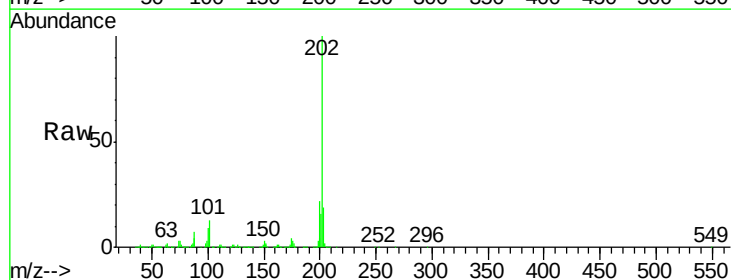
Instrument :
BNA_G
ClientSampleId :
PB83110BS

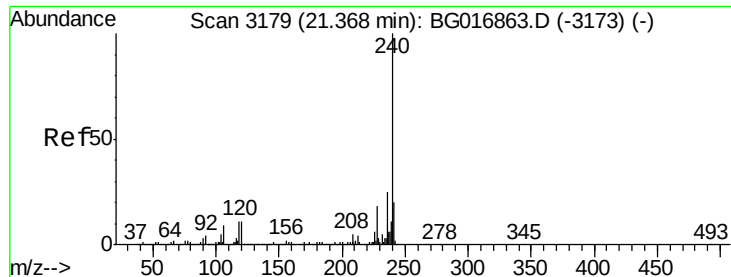
Tgt Ion:149 Resp: 1140539
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 6.7 5.4 8.0



#74
Fluoranthene
Concen: 39.03 ng
RT: 19.24 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:202 Resp: 1031156
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.5
203 19.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

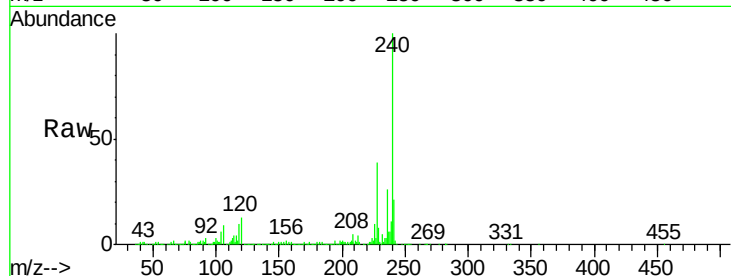
Tgt Ion:240 Resp: 430980

Ion Ratio Lower Upper

240 100

120 12.7 9.1 13.7

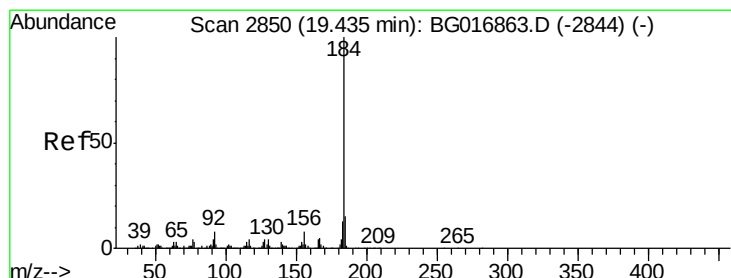
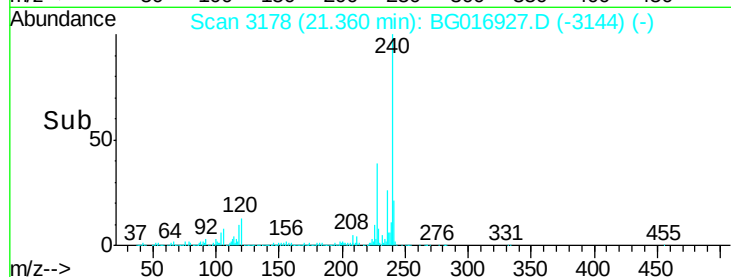
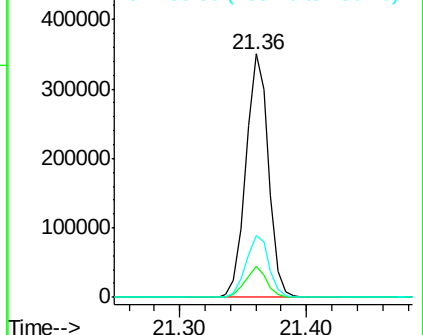
236 25.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.53 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

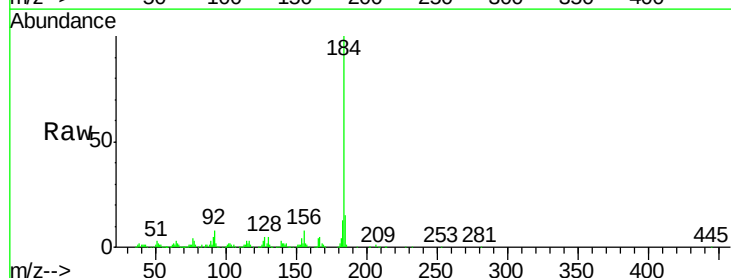
Tgt Ion:184 Resp: 461723

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

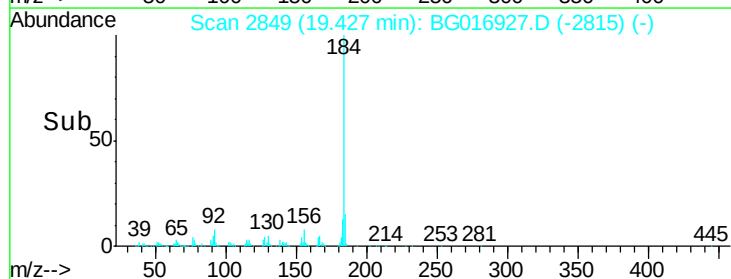
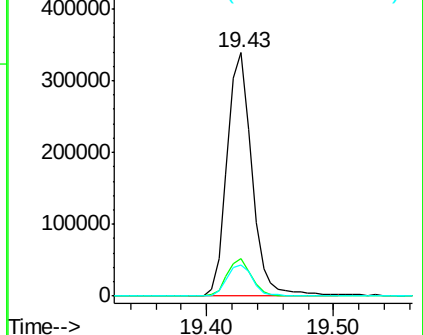
183 12.6 10.6 15.8

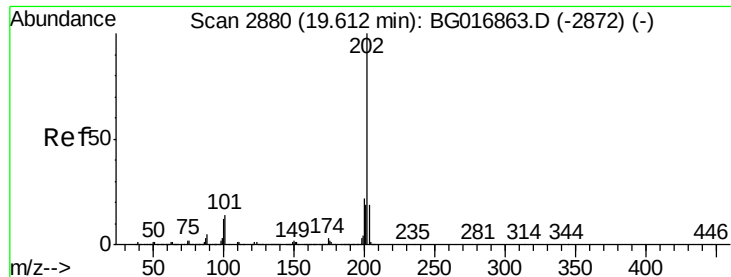


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.55 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

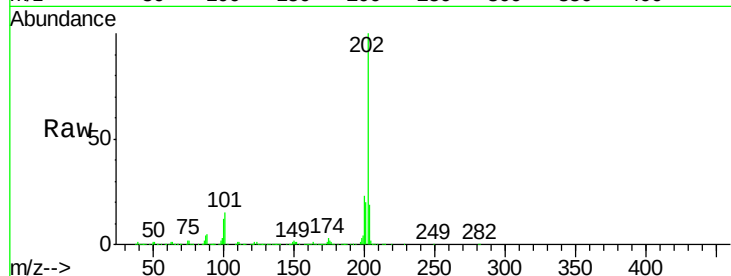
Tgt Ion:202 Resp: 1056881

Ion Ratio Lower Upper

202 100

200 22.5 17.9 26.9

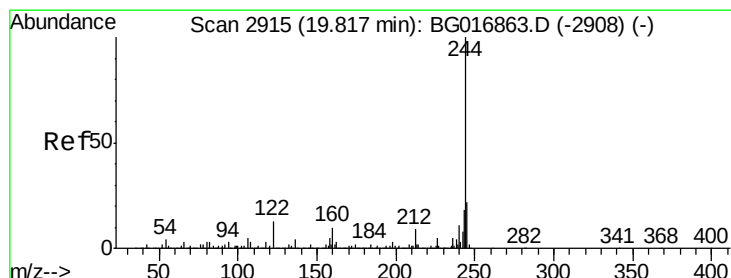
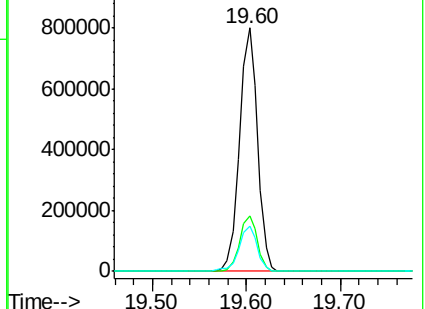
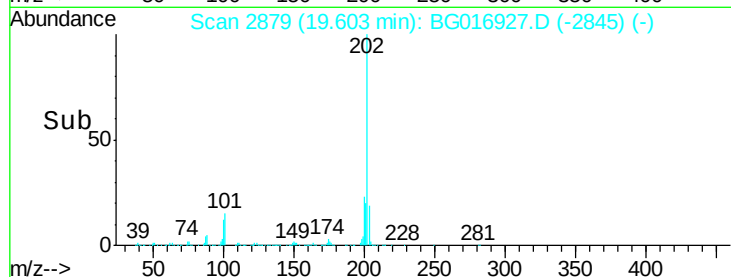
203 18.7 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.42 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

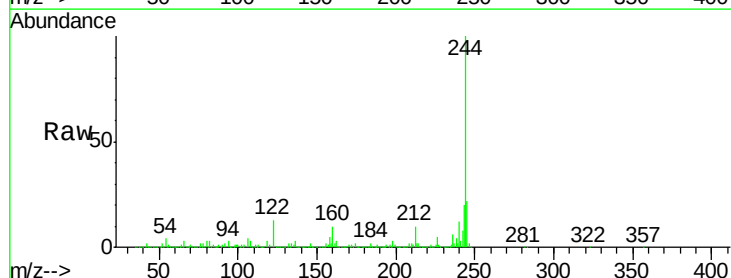
Tgt Ion:244 Resp: 1570394

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

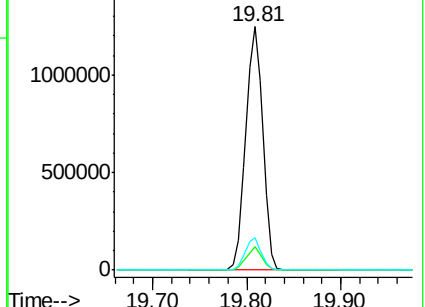
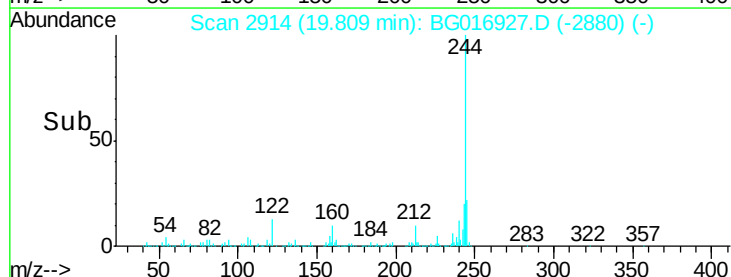
122 13.1 10.4 15.6

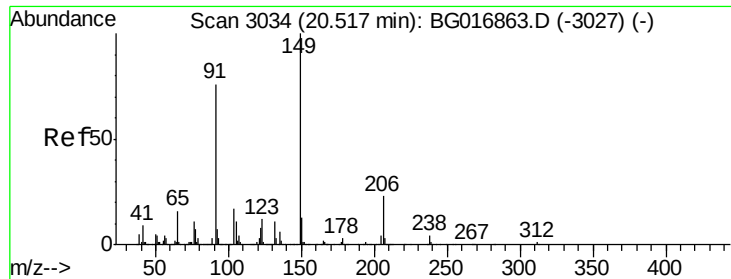


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

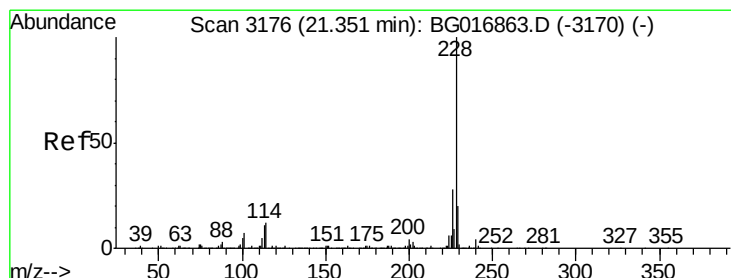
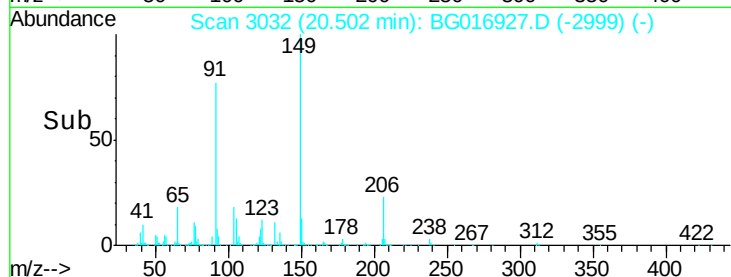
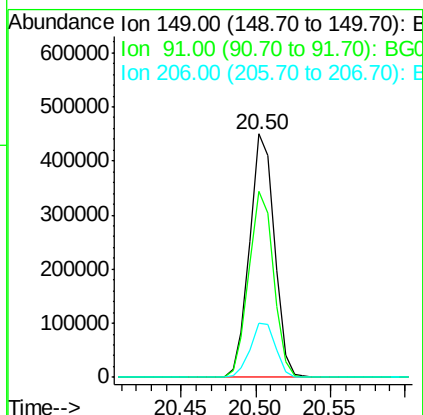
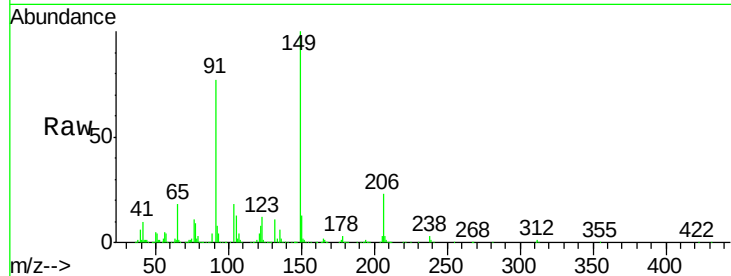




#79
Butylbenzylphthalate
Concen: 42.57 ng
RT: 20.50 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

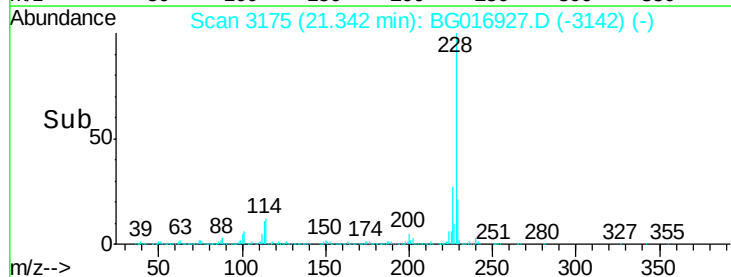
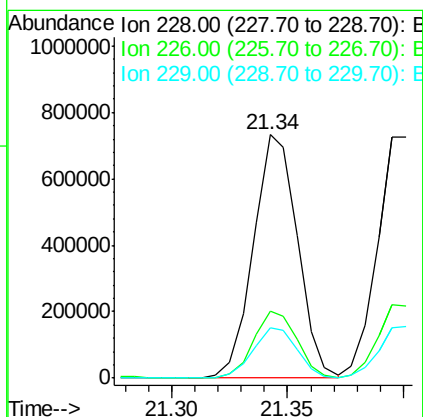
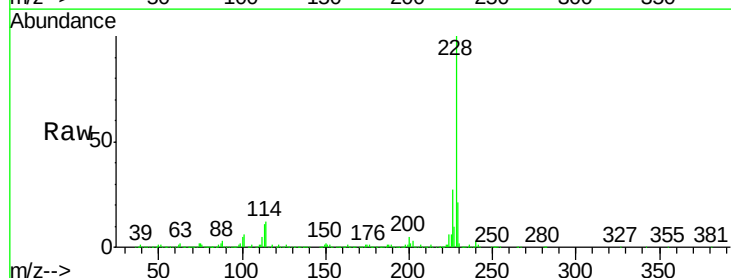
Instrument :
BNA_G
ClientSampleId :
PB83110BS

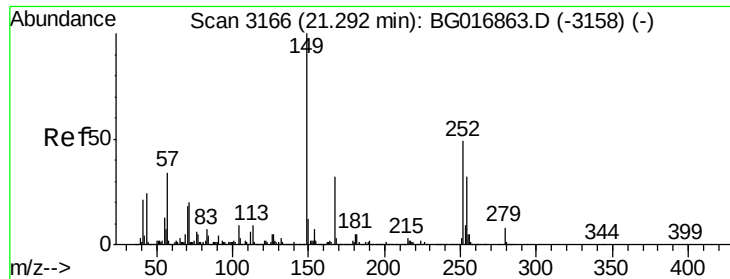
Tgt Ion:149 Resp: 514646
Ion Ratio Lower Upper
149 100
91 76.6 60.6 91.0
206 22.5 18.4 27.6



#80
Benzo(a)anthracene
Concen: 42.05 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG016927.D
Acq: 7 May 2015 17:10

Tgt Ion:228 Resp: 972195
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 20.6 16.1 24.1





#81

3,3'-Dichlorobenzidine

Concen: 29.15 ng

RT: 21.28 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

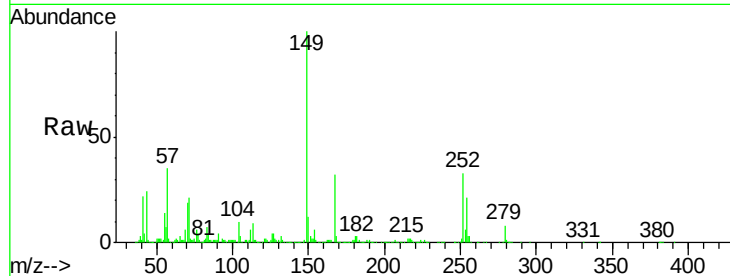
Tgt Ion:252 Resp: 263119

Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

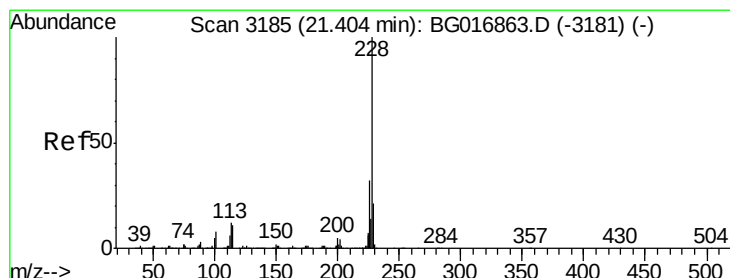
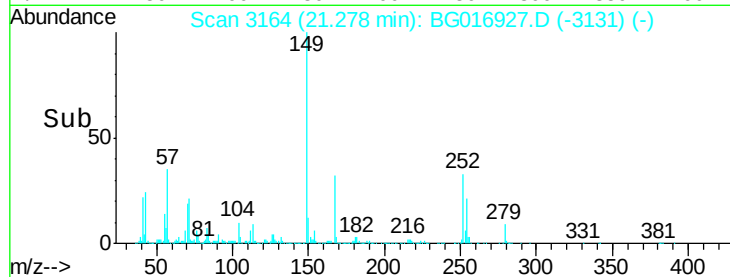
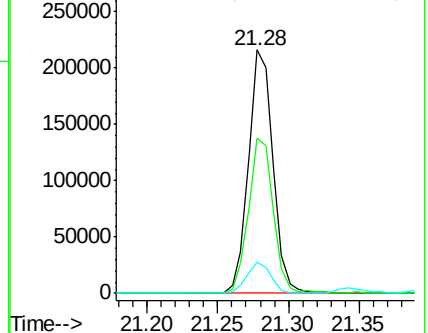
126 12.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.05 ng

RT: 21.40 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

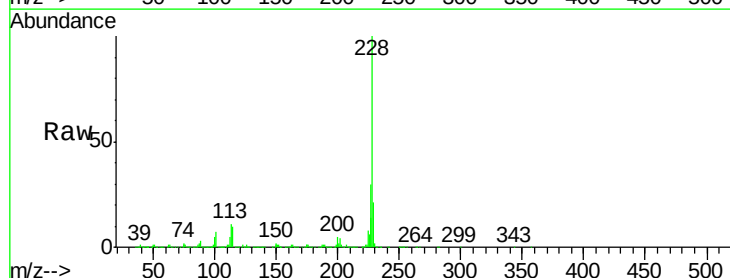
Tgt Ion:228 Resp: 910498

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.0

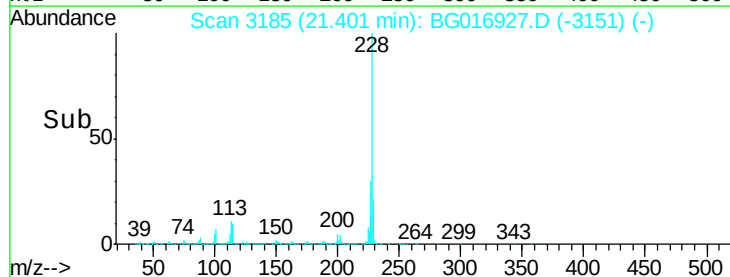
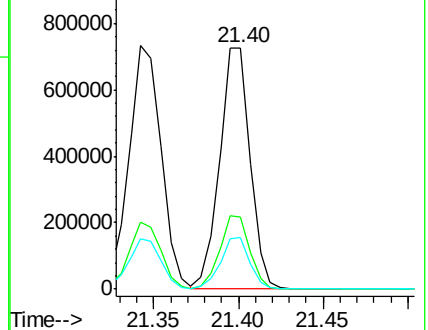
229 21.3 16.5 24.7

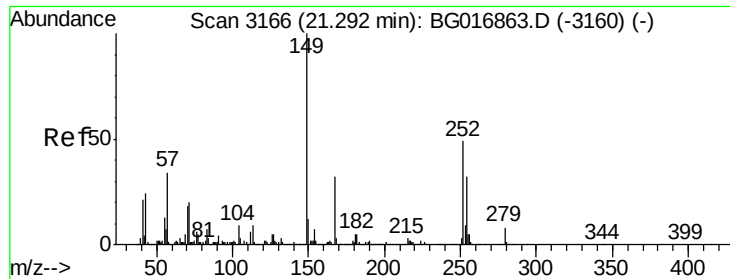


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.37 ng

RT: 21.28 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

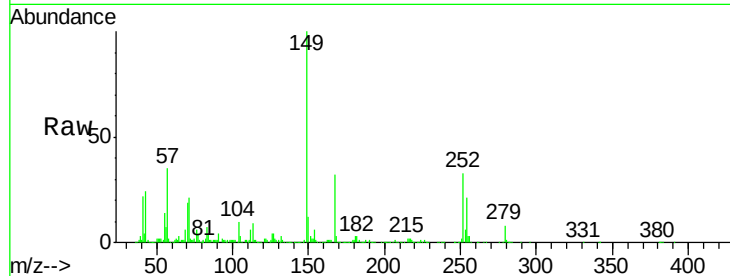
Tgt Ion:149 Resp: 700748

Ion Ratio Lower Upper

149 100

167 31.6 25.4 38.0

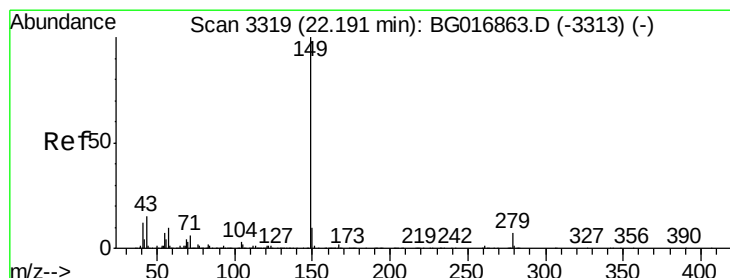
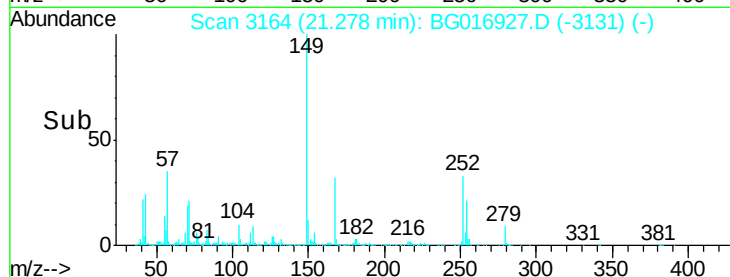
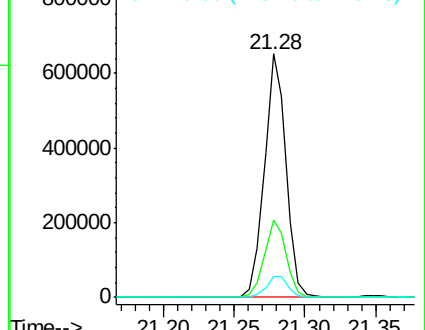
279 8.5 6.4 9.6



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: 42.29 ng

RT: 22.18 min Scan# 3317

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

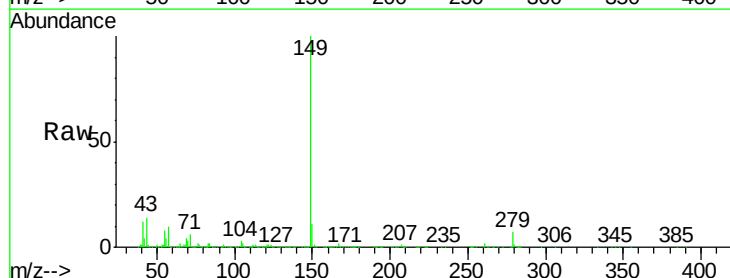
Tgt Ion:149 Resp: 1174947

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

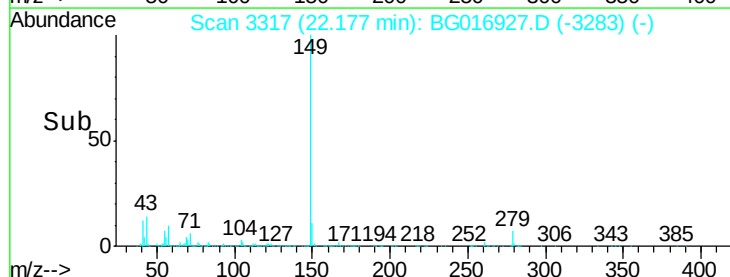
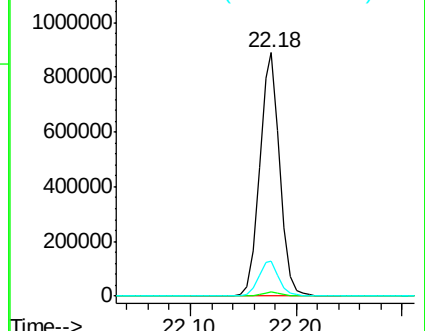
43 14.4 0.0 0.0#

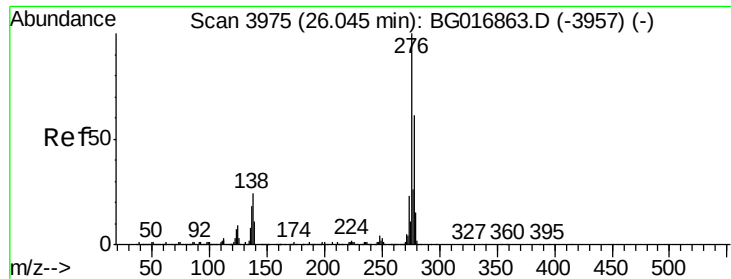


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.74 ng

RT: 26.04 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

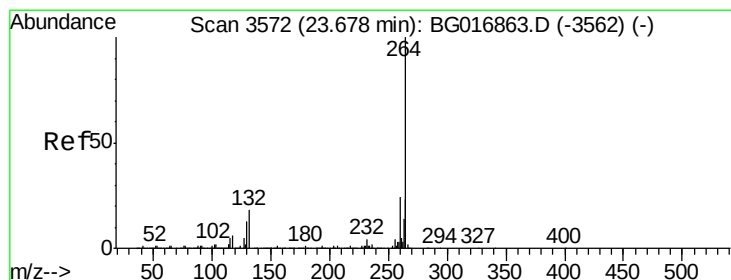
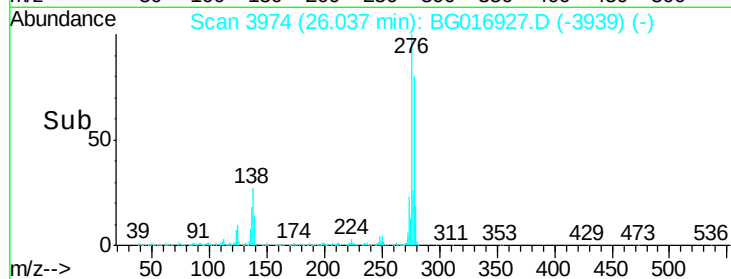
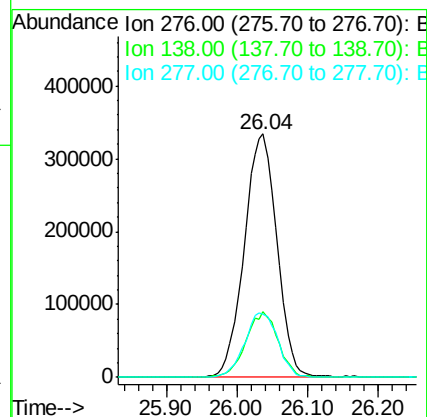
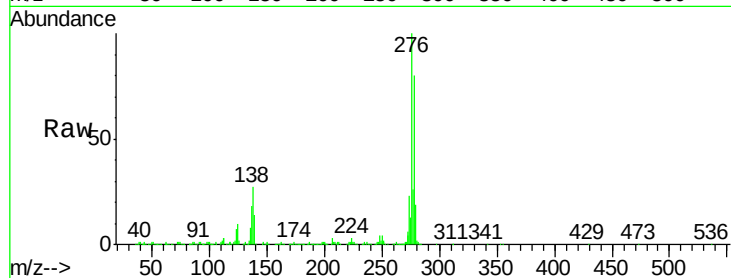
Tgt Ion:276 Resp: 1077045

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

277 27.0 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

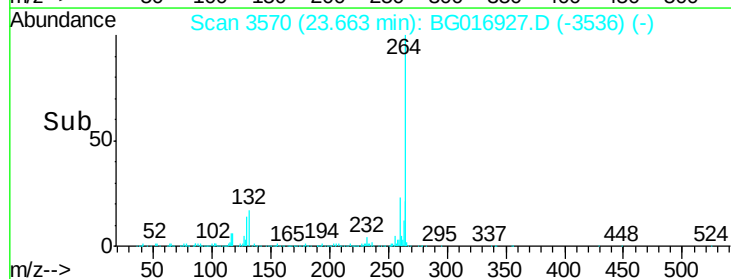
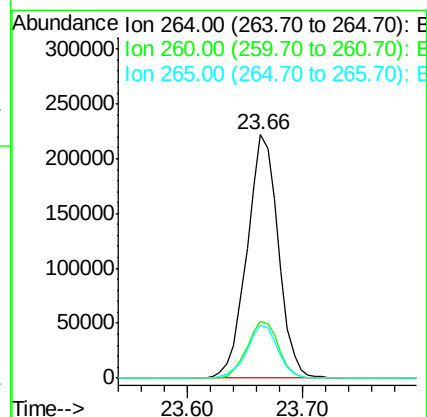
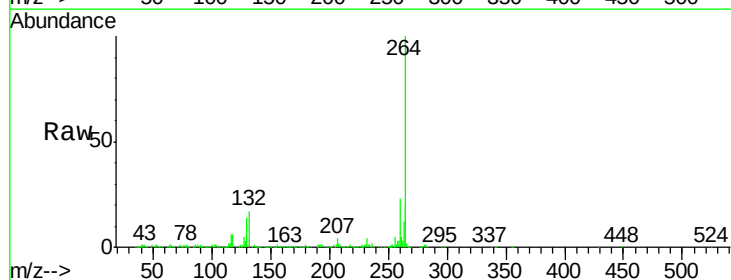
Tgt Ion:264 Resp: 417260

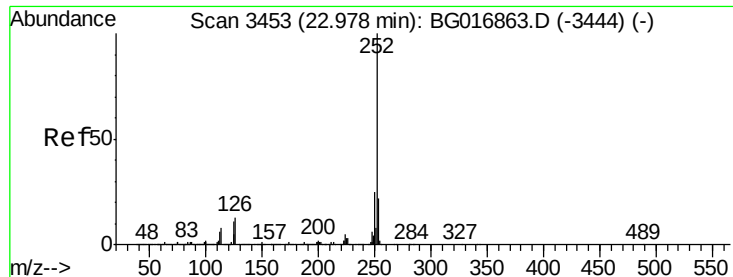
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.5 18.5 27.7





#87

Benzo(b)fluoranthene

Concen: 42.51 ng

RT: 22.97 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

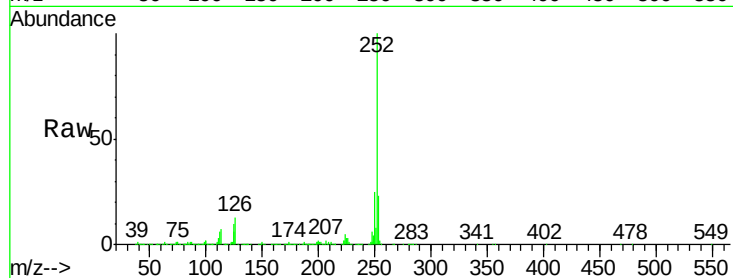
Tgt Ion:252 Resp: 988022

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

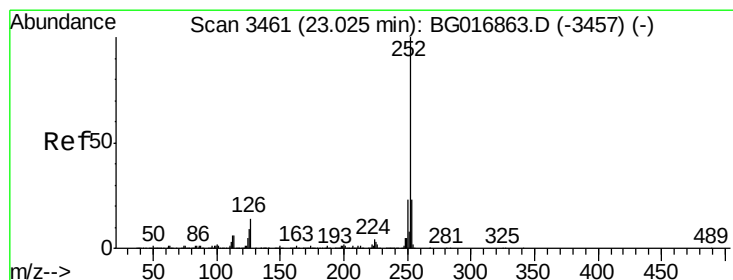
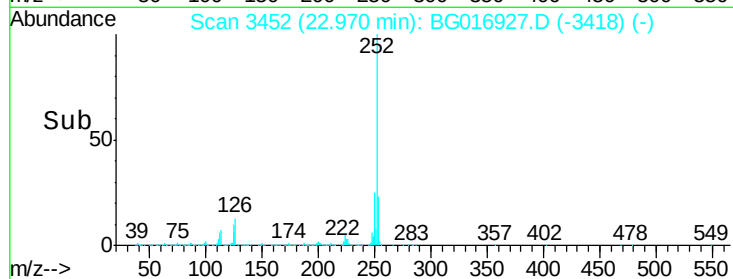
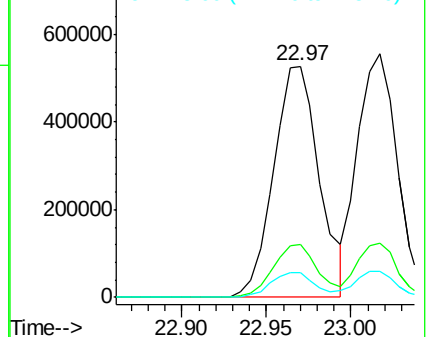
125 10.5 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.55 ng

RT: 23.02 min Scan# 3460

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

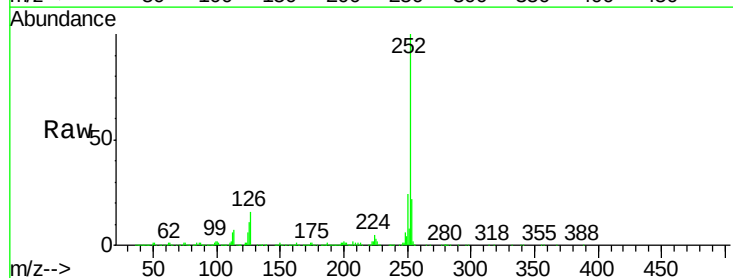
Tgt Ion:252 Resp: 906689

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

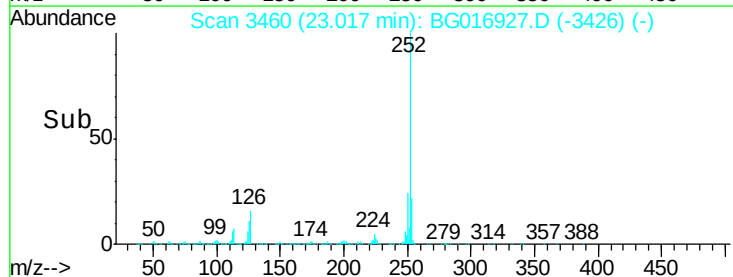
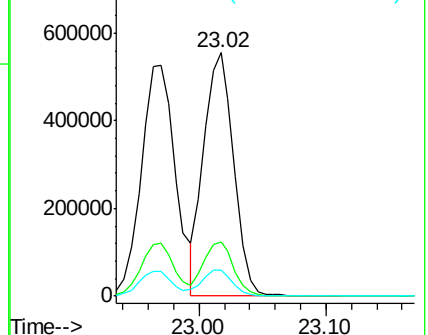
125 10.9 7.9 11.9

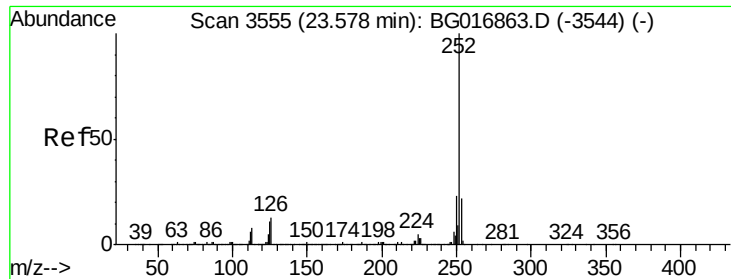


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.12 ng

RT: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

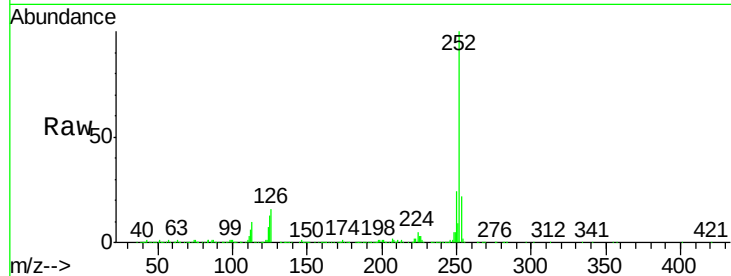
Tgt Ion:252 Resp: 934673

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

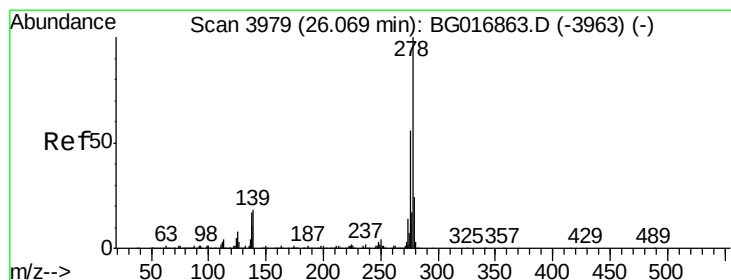
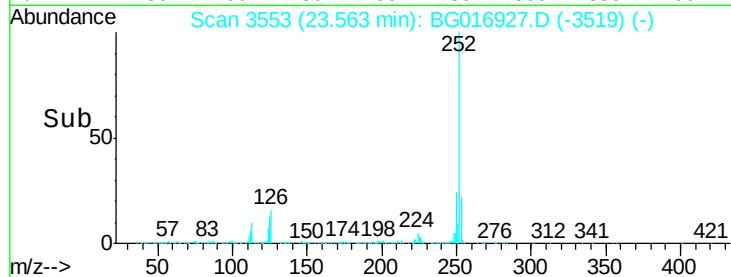
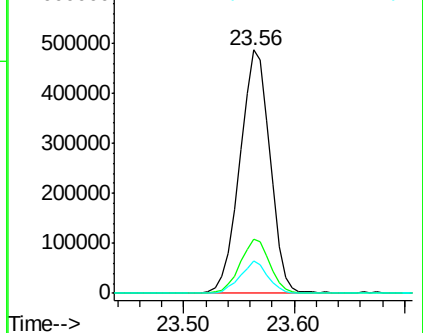
125 13.1 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.17 ng

RT: 26.05 min Scan# 3977

Delta R.T. 0.01 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

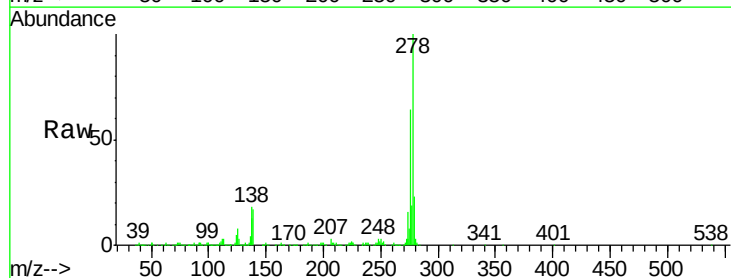
Tgt Ion:278 Resp: 911542

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.2

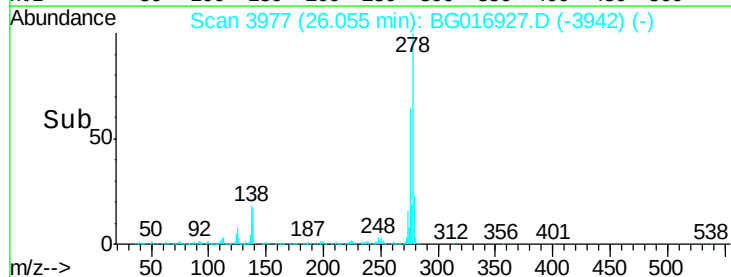
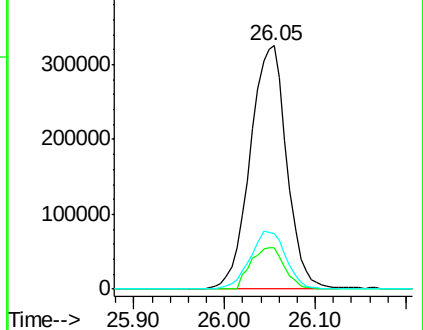
279 22.7 18.9 28.3

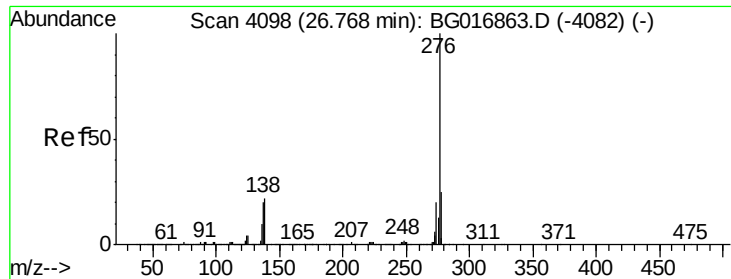


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.42 ng

RT: 26.76 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BG016927.D

Acq: 7 May 2015 17:10

Instrument :

BNA_G

ClientSampleId :

PB83110BS

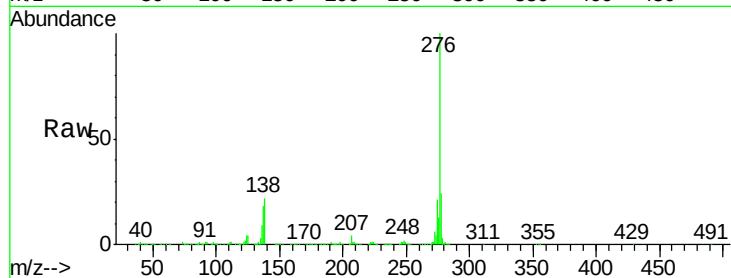
Tgt Ion: 276 Resp: 894373

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 22.2 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

