

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG016994.D
 Acq On : 9 May 2015 18:03
 Operator : TP/IZ
 Sample : PB83287BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Quant Time: May 19 07:27:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	54136	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	244202	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	161344	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	389960	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	415421	20.00	ng	-0.02
86) Perylene-d12	23.65	264	399411	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	346062	111.31	ng	-0.01
7) Phenol-d6	6.97	99	479546	107.96	ng	0.00
23) Nitrobenzene-d5	8.95	82	540538	108.13	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	186837	115.35	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1094397	102.36	ng	-0.02
78) Terphenyl-d14	19.80	244	1977684	111.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	46437	35.64	ng	# 1
3) Pyridine	3.68	79	144877	35.97	ng	97
4) n-Nitrosodimethylamine	3.59	42	104272	43.36	ng	98
6) Aniline	7.12	93	181477	29.10	ng	97
8) 2-Chlorophenol	7.36	128	175589	48.75	ng	96
9) Benzaldehyde	6.93	77	98257	29.79	ng	96
10) Phenol	6.99	94	239987	50.38	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	158773	43.11	ng	97
12) 1,3-Dichlorobenzene	7.68	146	161645	40.70	ng	94
13) 1,4-Dichlorobenzene	7.82	146	162920	40.50	ng	95
14) 1,2-Dichlorobenzene	8.14	146	160878	41.67	ng	# 94
15) Benzyl Alcohol	8.03	79	187252	46.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	280255	41.11	ng	97
17) 2-Methylphenol	8.23	107	157600	46.99	ng	99
18) Hexachloroethane	8.86	117	67962	41.10	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	154876	39.76	ng	95
20) 3+4-Methylphenols	8.56	107	220344	47.67	ng	95
22) Acetophenone	8.61	105	250849	43.13	ng	96
24) Nitrobenzene	8.99	77	217204	43.03	ng	99
25) Isophorone	9.51	82	404871	40.11	ng	97
26) 2-Nitrophenol	9.70	139	99223	48.28	ng	98
27) 2,4-Dimethylphenol	9.76	122	177500	47.72	ng	94
28) bis(2-Chloroethoxy)methane	10.00	93	216815	42.56	ng	97
29) 2,4-Dichlorophenol	10.23	162	170605	48.55	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	158778	42.61	ng	96
31) Naphthalene	10.63	128	513248	42.26	ng	99
32) Benzoic acid	9.90	122	119462	51.78	ng	96
33) 4-Chloroaniline	10.74	127	85001	15.15	ng	96
34) Hexachlorobutadiene	10.92	225	94097	40.35	ng	95
35) Caprolactam	11.51	113	50703	27.77	ng	94
36) 4-Chloro-3-methylphenol	11.87	107	220241	48.95	ng	98
37) 2-Methylnaphthalene	12.25	142	389973	42.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	178334	40.89	ng	# 100
40) Hexachlorocyclopentadiene	12.59	237	242650	86.15	ng	99

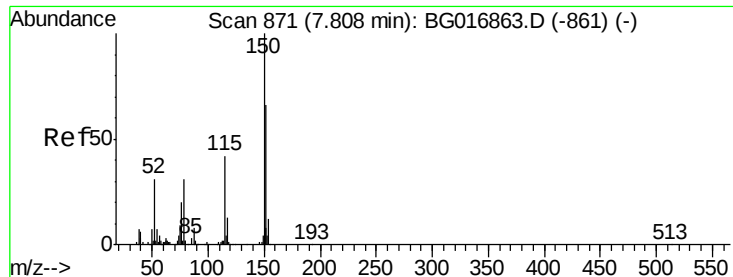
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	138200	44.71	ng	94
43) 2,4,5-Trichlorophenol	12.93	196	156118	47.59	ng	96
45) 1,1'-Biphenyl	13.26	154	498520	43.16	ng	100
46) 2-Chloronaphthalene	13.30	162	390840	42.72	ng	96
47) 2-Nitroaniline	13.51	65	170402	53.50	ng	94
48) Acenaphthylene	14.15	152	685021	42.99	ng	99
49) Dimethylphthalate	13.89	163	540081	44.83	ng	99
50) 2,6-Dinitrotoluene	14.01	165	129464	51.76	ng	94
51) Acenaphthene	14.49	154	405883	42.80	ng	97
52) 3-Nitroaniline	14.34	138	92669	32.56	ng	95
53) 2,4-Dinitrophenol	14.54	184	137311	120.02	ng	# 84
54) Dibenzofuran	14.83	168	625184	46.43	ng	95
55) 4-Nitrophenol	14.65	139	264050	109.43	ng	96
56) 2,4-Dinitrotoluene	14.80	165	183488	57.34	ng	96
57) Fluorene	15.48	166	545417	45.75	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	145369	51.35	ng	# 77
59) Diethylphthalate	15.26	149	592764	46.61	ng	100
60) 4-Chlorophenyl-phenylether	15.47	204	275374	45.97	ng	96
61) 4-Nitroaniline	15.50	138	168170	50.97	ng	88
62) Azobenzene	15.77	77	639760	48.57	ng	96
64) 4,6-Dinitro-2-methylphenol	15.56	198	104337	53.96	ng	97
65) n-Nitrosodiphenylamine	15.69	169	488526	41.04	ng	97
66) 4-Bromophenyl-phenylether	16.37	248	167732	42.85	ng	96
67) Hexachlorobenzene	16.48	284	177399	42.98	ng	98
68) Atrazine	16.64	200	201361	47.00	ng	95
69) Pentachlorophenol	16.82	266	257887	96.23	ng	97
70) Phenanthrene	17.22	178	874813	43.59	ng	98
71) Anthracene	17.31	178	904956	44.70	ng	99
72) Carbazole	17.58	167	891055	46.30	ng	99
73) Di-n-butylphthalate	18.14	149	1166006	46.73	ng	99
74) Fluoranthene	19.23	202	1084817	46.59	ng	98
76) Benzidine	19.42	184	382489	27.10	ng	100
77) Pyrene	19.59	202	1114897	45.47	ng	98
79) Butylbenzylphthalate	20.49	149	535294	45.94	ng	99
80) Benzo(a)anthracene	21.33	228	1026328	46.05	ng	98
81) 3,3'-Dichlorobenzidine	21.27	252	224405	25.79	ng	97
82) Chrysene	21.38	228	953148	45.66	ng	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	708244	44.43	ng	98
84) Di-n-octyl phthalate	22.15	149	1192839	44.55	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1143710	45.98	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	1002760	45.07	ng	99
88) Benzo(k)fluoranthene	23.00	252	990740	46.28	ng	99
89) Benzo(a)pyrene	23.55	252	982513	47.35	ng	99
90) Dibenzo(a,h)anthracene	26.02	278	965429	45.55	ng	97
91) Benzo(g,h,i)perylene	26.73	276	935161	46.34	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

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PB83287BS

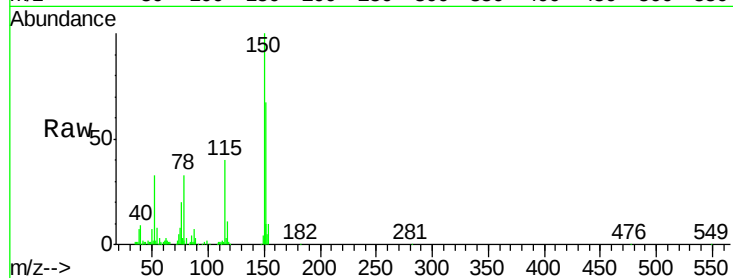
Tgt Ion:152 Resp: 54136

Ion Ratio Lower Upper

152 100

150 150.0 121.0 181.4

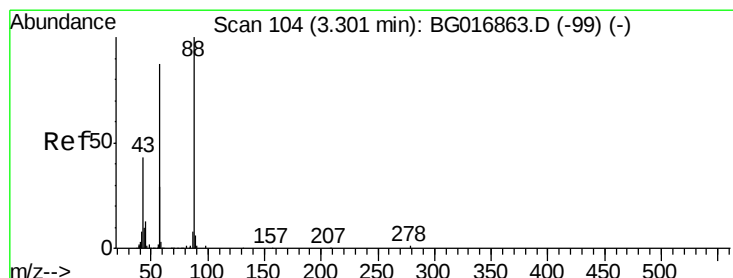
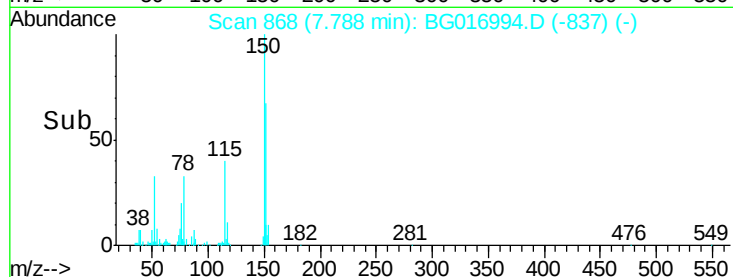
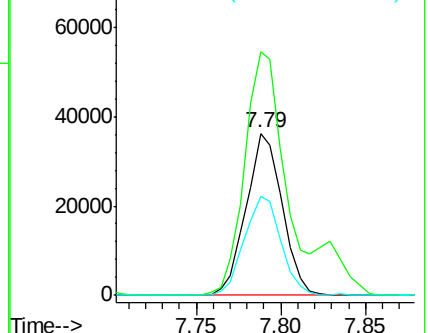
115 60.7 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.64 ng

RT: 3.28 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

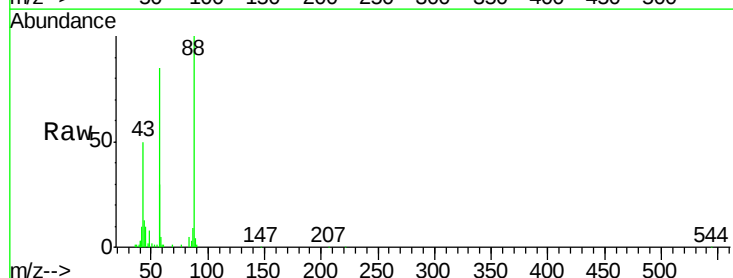
Tgt Ion: 88 Resp: 46437

Ion Ratio Lower Upper

88 100

58 85.7 0.1 0.1#

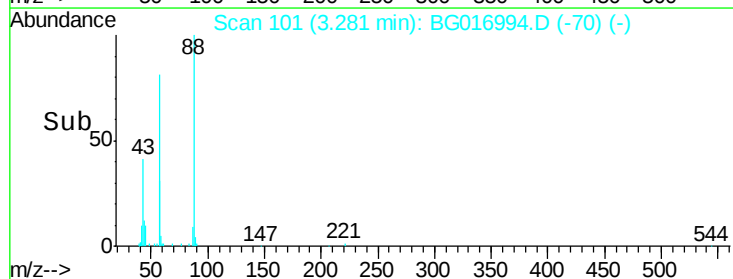
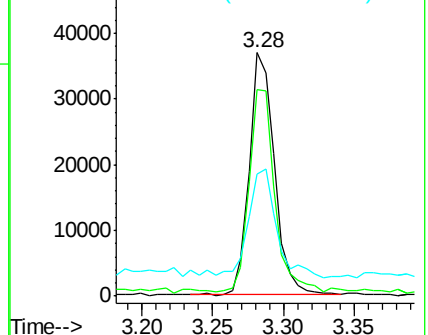
43 48.7 1.3 1.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.97 ng

RT: 3.68 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

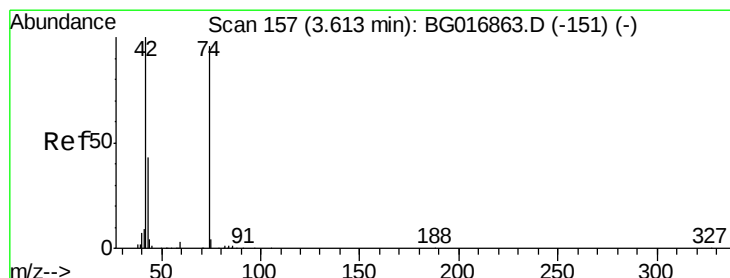
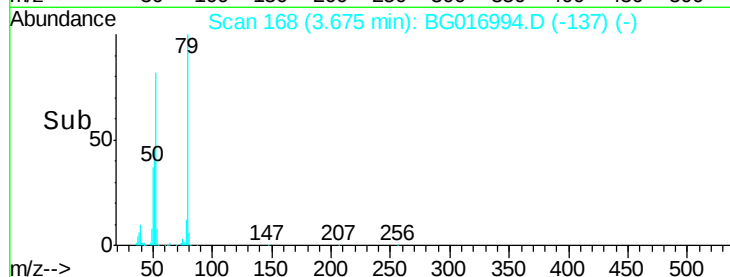
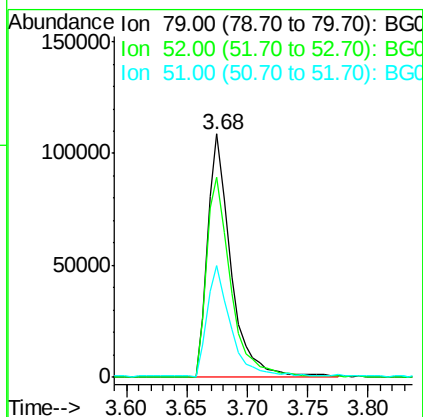
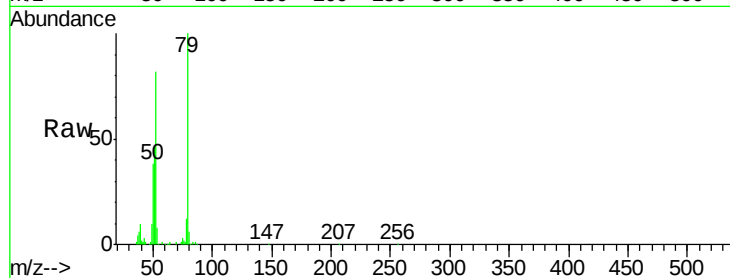
Tgt Ion: 79 Resp: 144877

Ion Ratio Lower Upper

79 100

52 82.4 68.5 102.7

51 46.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 43.36 ng

RT: 3.59 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

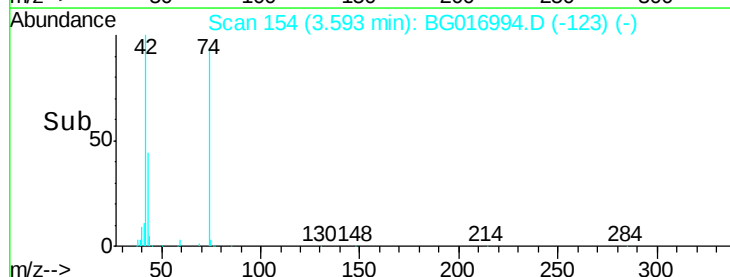
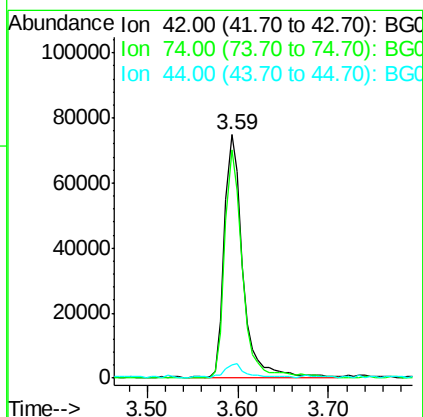
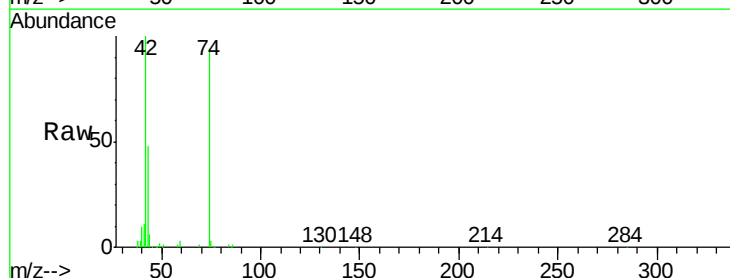
Tgt Ion: 42 Resp: 104272

Ion Ratio Lower Upper

42 100

74 93.6 76.2 114.2

44 5.6 4.9 7.3





#5

2-Fluorophenol

Concen: 111.31 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

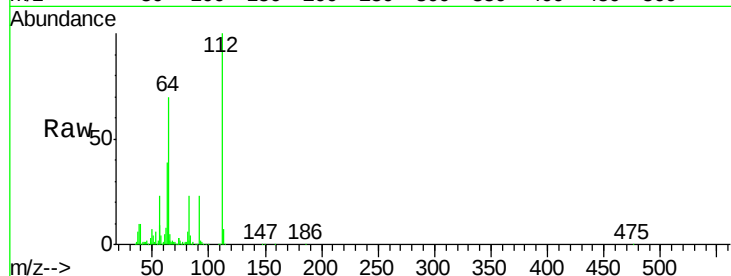
Tgt Ion: 112 Resp: 346062

Ion Ratio Lower Upper

112 100

64 69.8 51.4 77.2

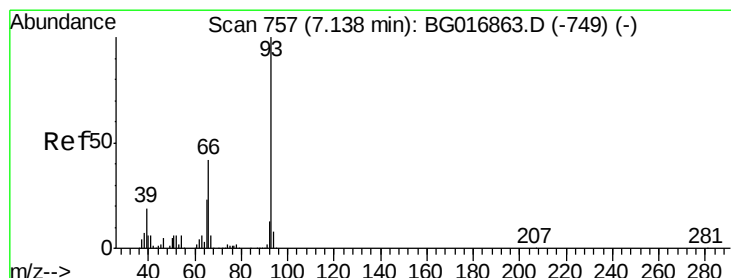
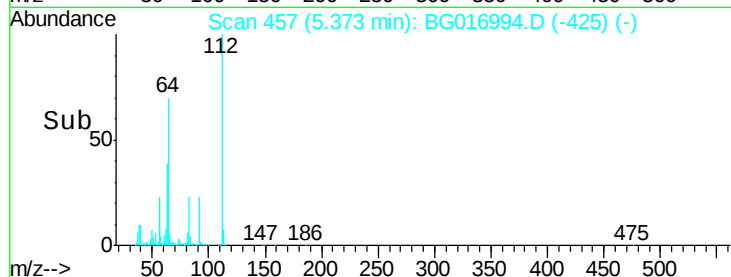
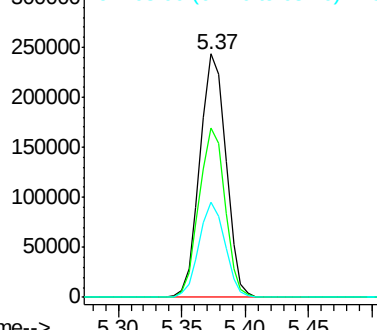
63 38.9 28.1 42.1



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: 29.10 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

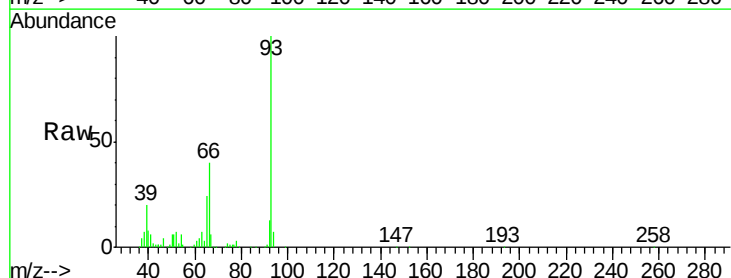
Tgt Ion: 93 Resp: 181477

Ion Ratio Lower Upper

93 100

66 40.0 33.8 50.6

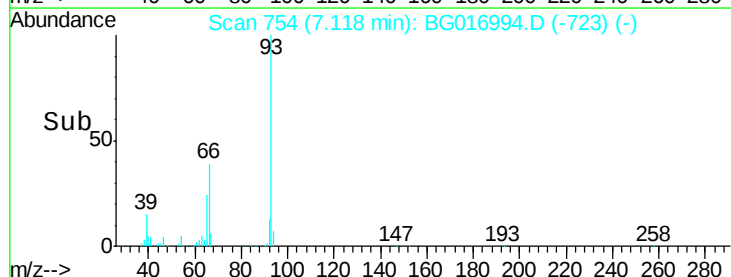
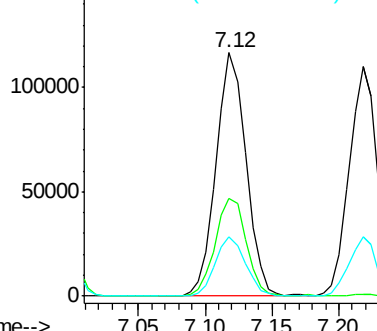
65 24.3 18.7 28.1



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: 107.96 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

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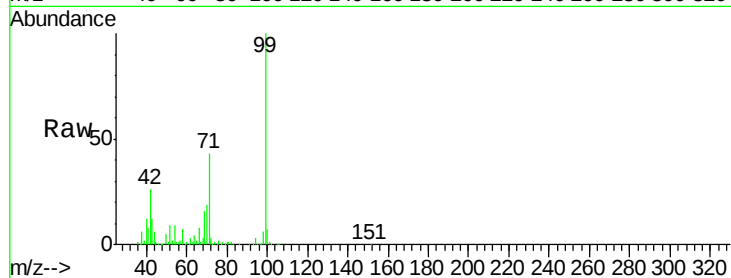
Tgt Ion: 99 Resp: 479546

Ion Ratio Lower Upper

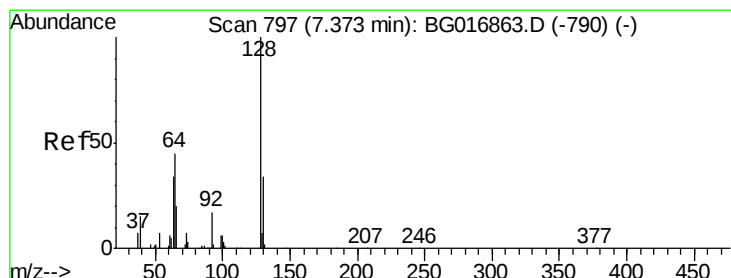
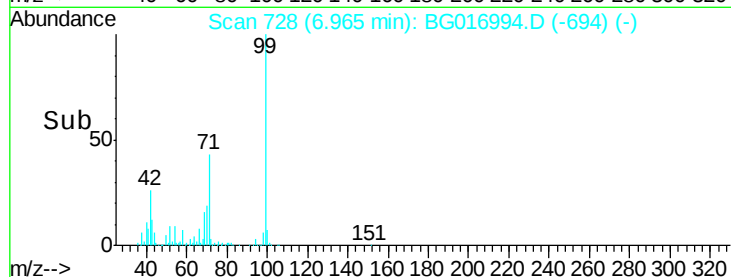
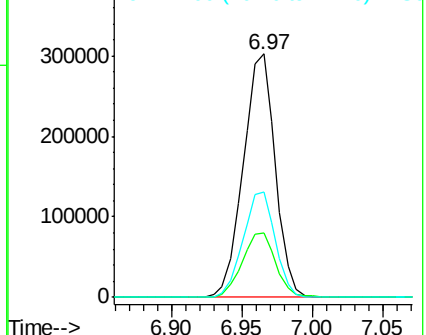
99 100

42 26.2 22.1 33.1

71 43.1 33.4 50.0



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



#8

2-Chlorophenol

Concen: 48.75 ng

RT: 7.36 min Scan# 795

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

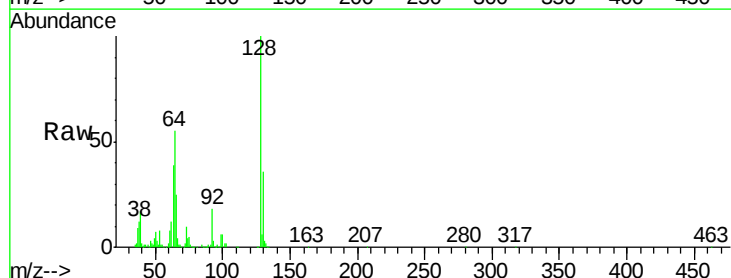
Tgt Ion: 128 Resp: 175589

Ion Ratio Lower Upper

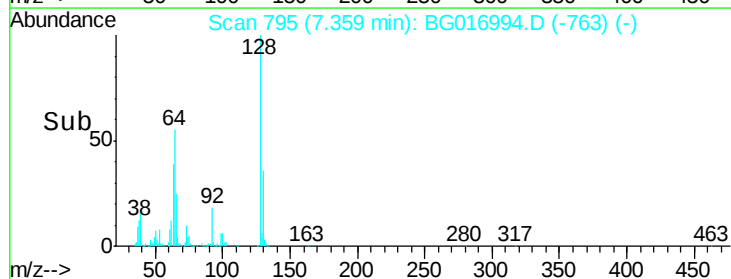
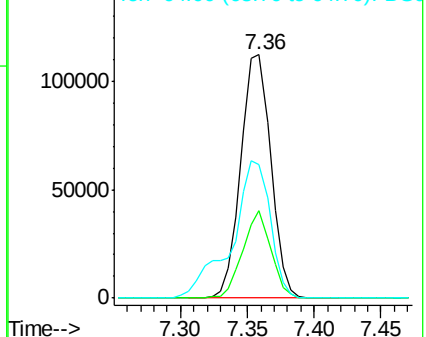
128 100

130 35.7 14.4 54.4

64 54.9 38.4 78.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.79 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.02 min

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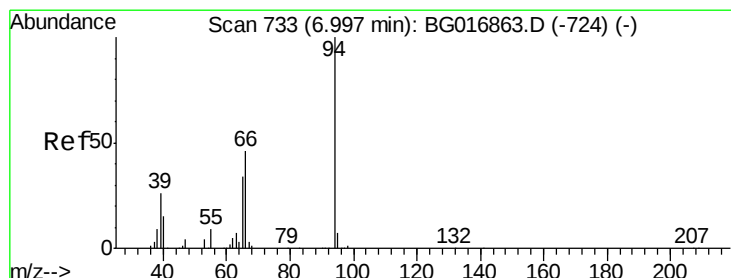
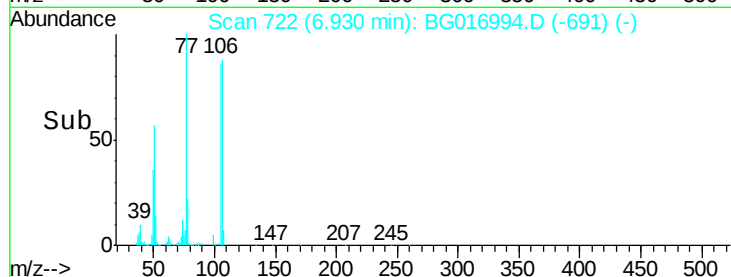
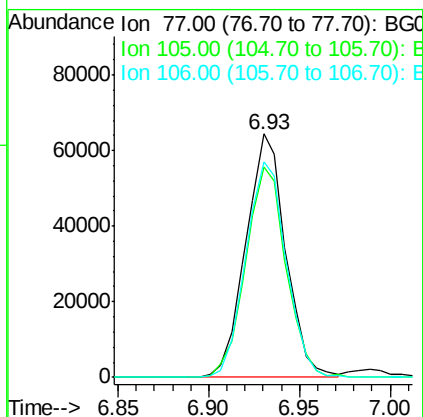
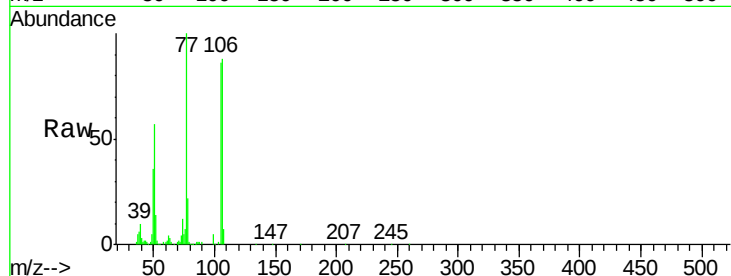
Tgt Ion: 77 Resp: 98257

Ion Ratio Lower Upper

77 100

105 86.4 71.6 111.6

106 88.4 71.5 111.5



#10

Phenol

Concen: 50.38 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

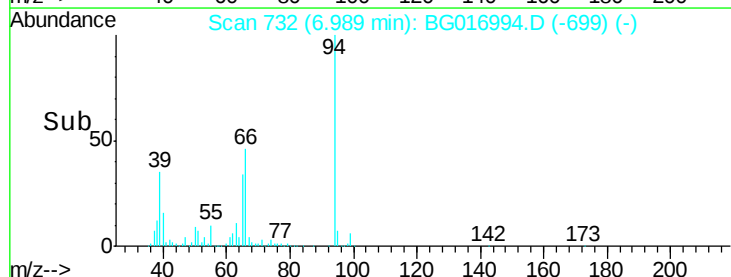
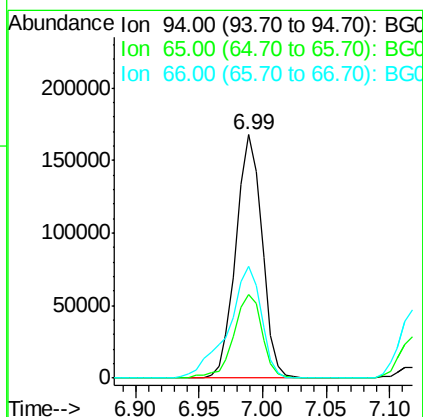
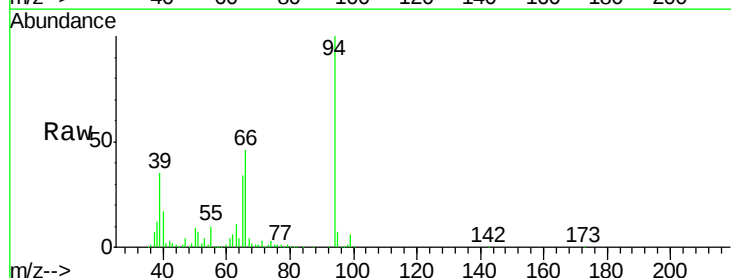
Tgt Ion: 94 Resp: 239987

Ion Ratio Lower Upper

94 100

65 34.3 14.3 54.3

66 45.9 26.9 66.9



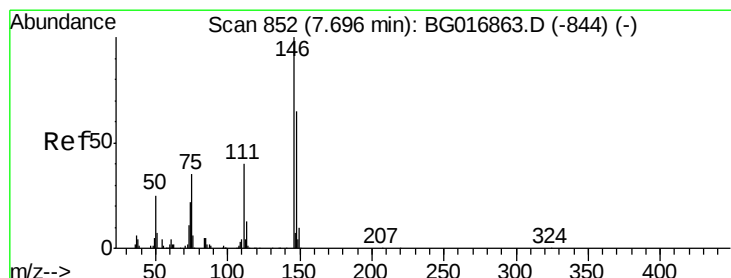
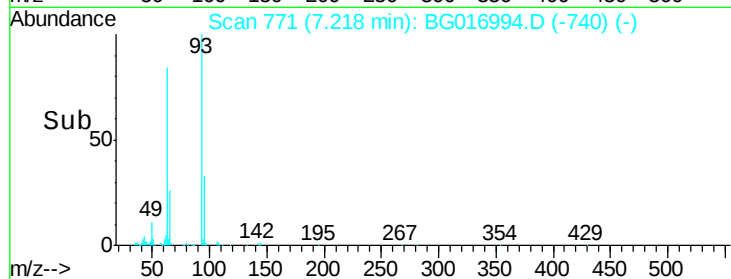
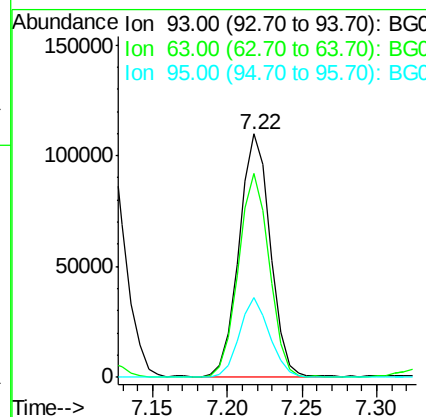
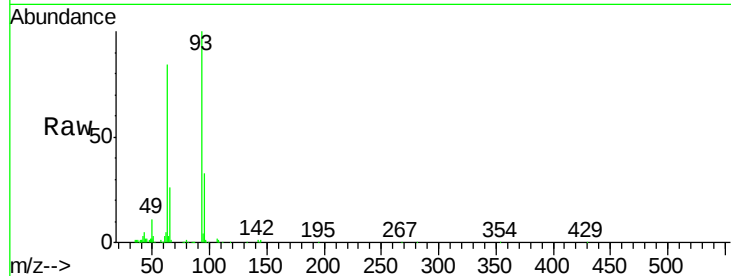


#11
bis(2-Chloroethyl)ether
Concen: 43.11 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Instrument :
BNA_G
ClientSampleId :
PB83287BS

Tgt Ion: 93 Resp: 158773

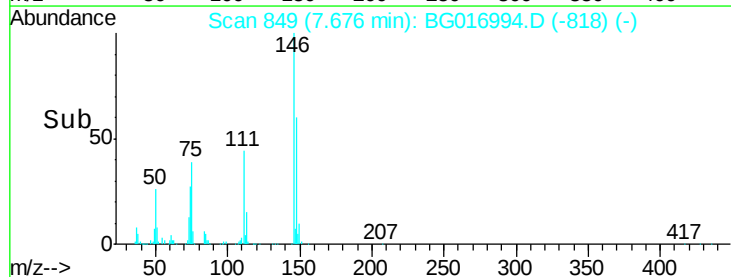
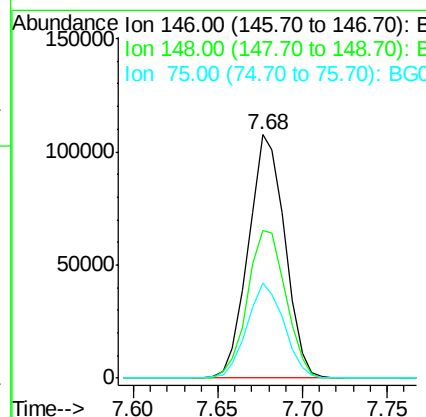
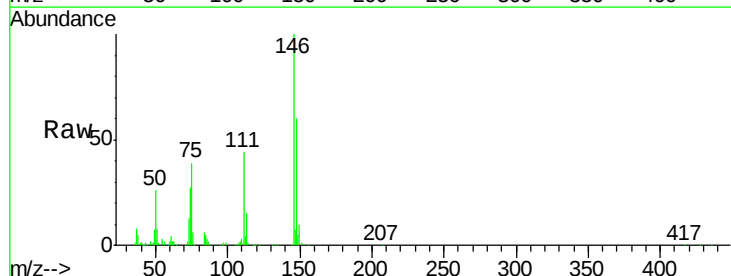
Ion	Ratio	Lower	Upper
93	100		
63	83.5	61.2	101.2
95	32.7	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 40.70 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion: 146 Resp: 161645

Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.9	77.9
75	38.9	28.2	42.2

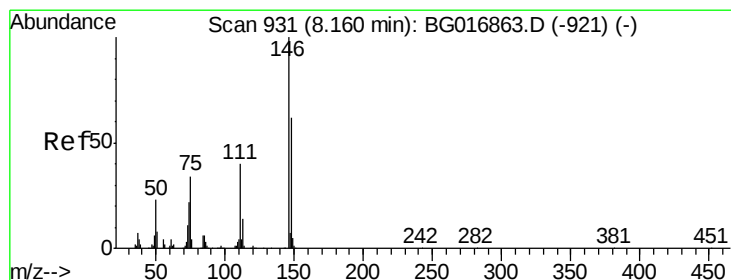
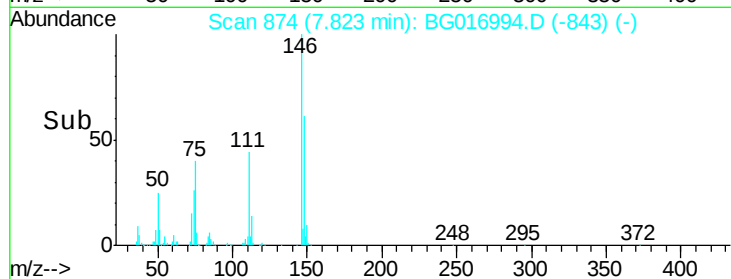
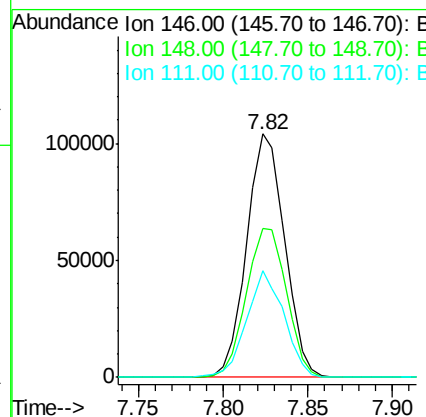
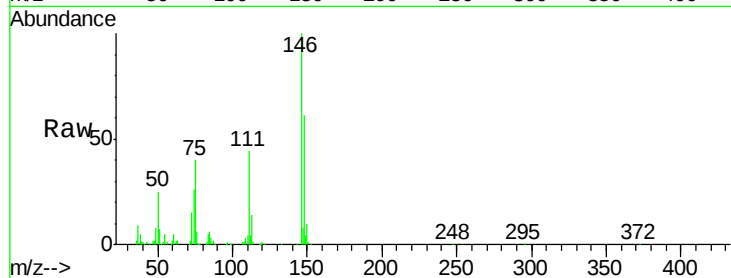




#13
 1,4-Dichlorobenzene
 Concen: 40.50 ng
 RT: 7.82 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

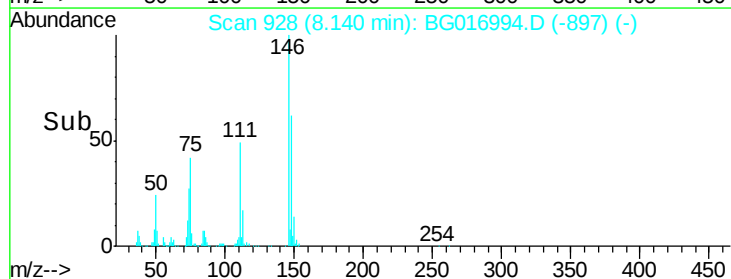
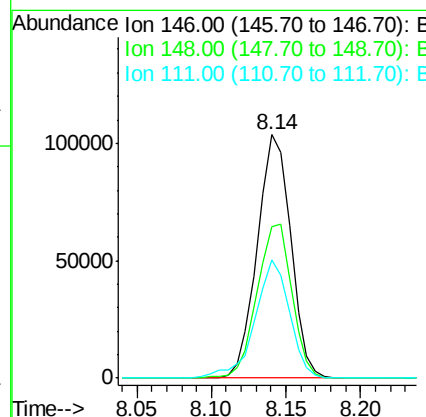
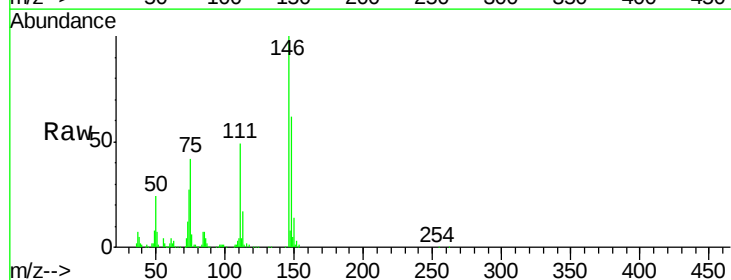
Instrument :
 BNA_G
 ClientSampled :
 PB83287BS

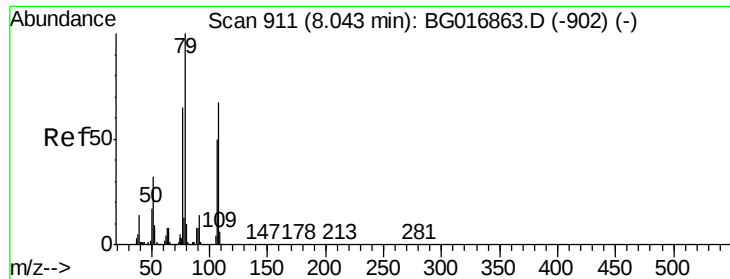
Tgt Ion:146 Resp: 162920
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.8 79.2
 111 44.0 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 41.67 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:146 Resp: 160878
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.9 74.9
 111 48.7 32.1 48.1#





#15

Benzyl Alcohol

Concen: 46.16 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

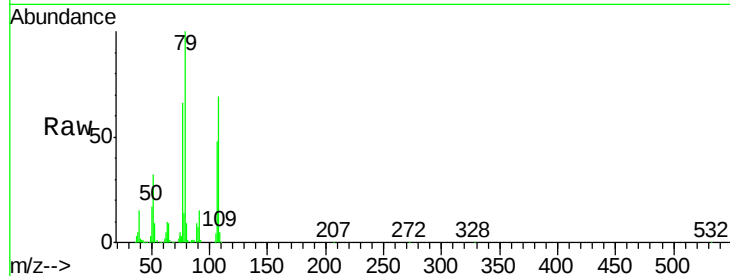
Tgt Ion: 79 Resp: 187252

Ion Ratio Lower Upper

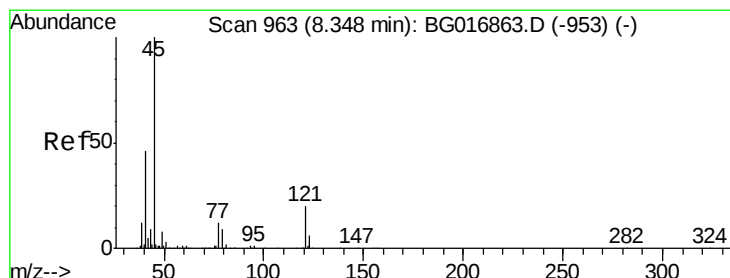
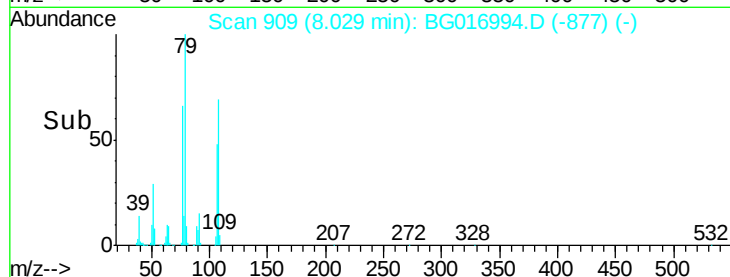
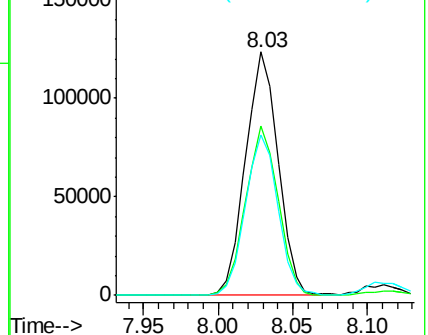
79 100

108 69.4 53.4 80.2

77 66.1 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: 41.11 ng

RT: 8.33 min Scan# 960

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

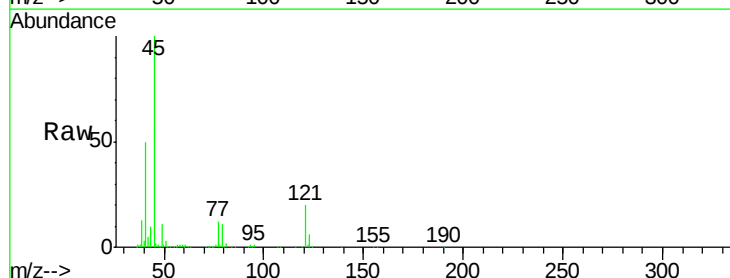
Tgt Ion: 45 Resp: 280255

Ion Ratio Lower Upper

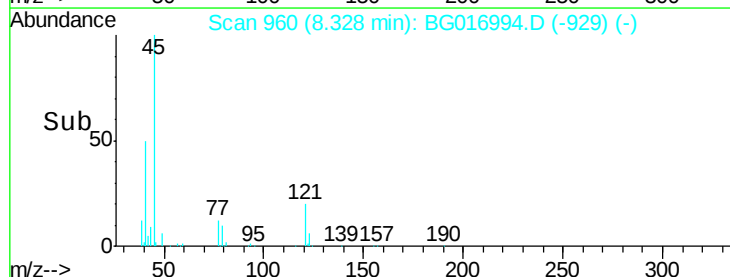
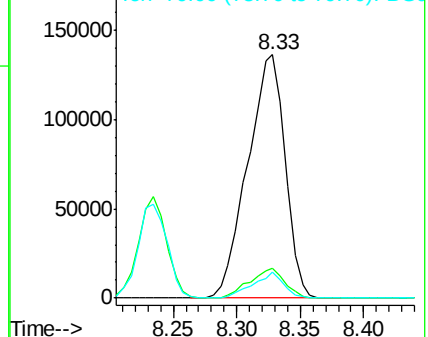
45 100

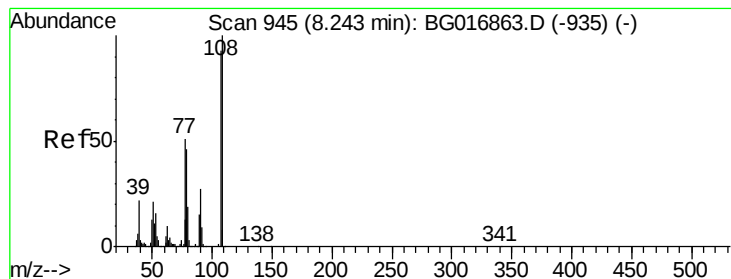
77 12.4 0.0 31.8

79 10.5 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: 46.99 ng

RT: 8.23 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

Tgt Ion:107 Resp: 157600

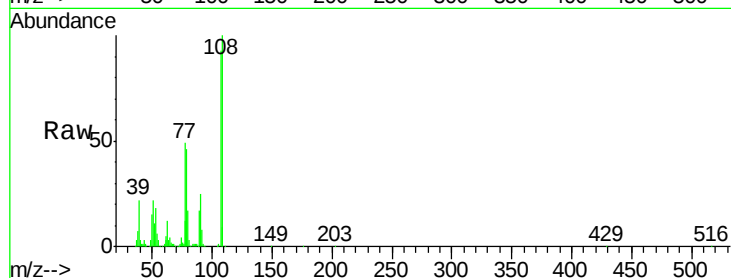
Ion Ratio Lower Upper

107 100

108 107.0 85.9 128.9

77 52.9 43.8 65.6

79 48.7 39.8 59.6

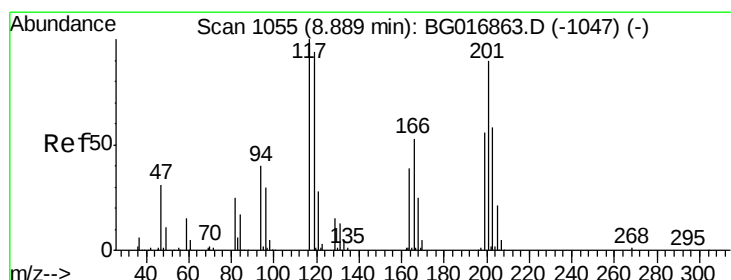
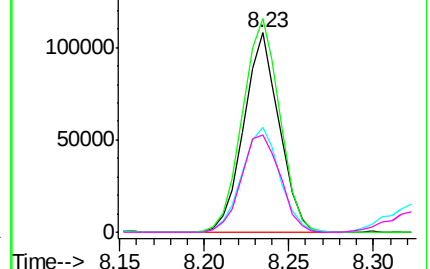
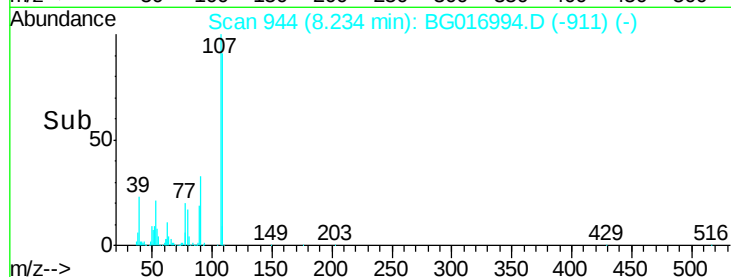


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.10 ng

RT: 8.86 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

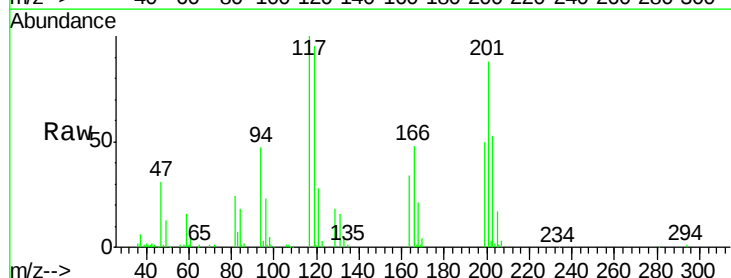
Tgt Ion:117 Resp: 67962

Ion Ratio Lower Upper

117 100

119 96.2 74.8 112.2

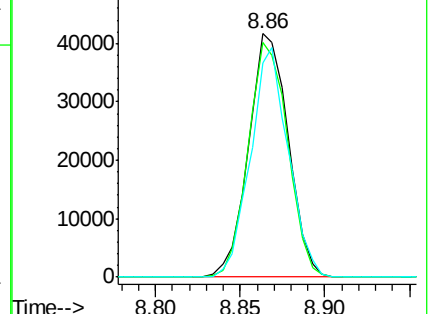
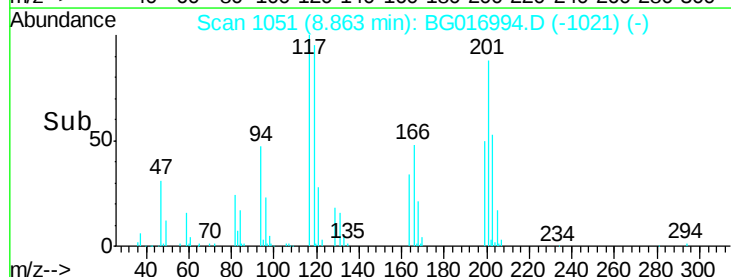
201 87.8 72.1 108.1

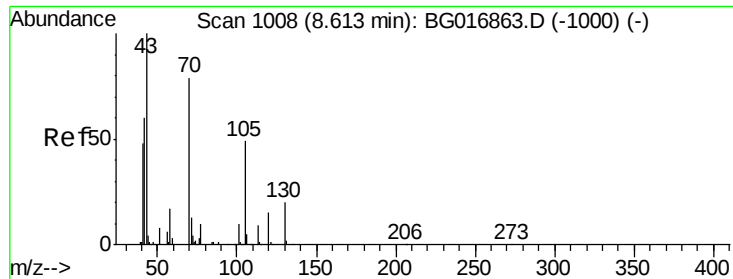


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

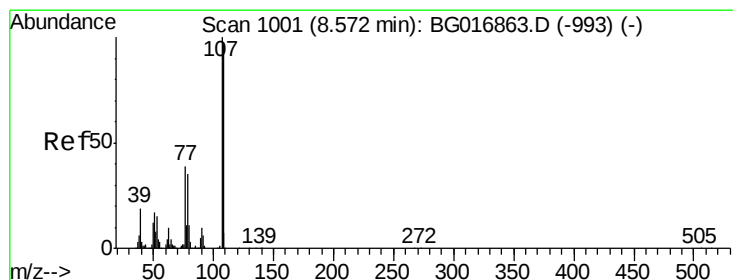
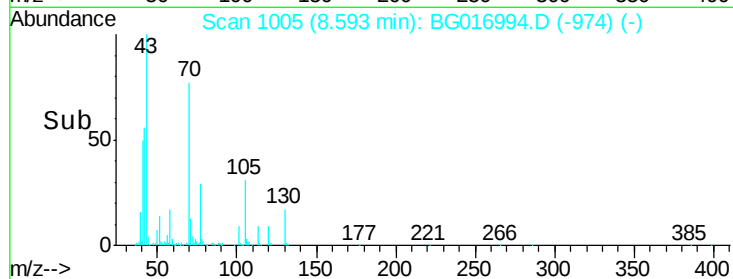
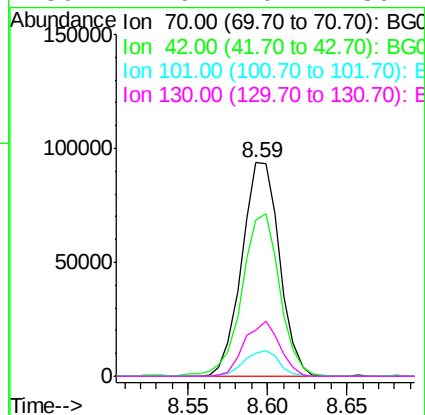
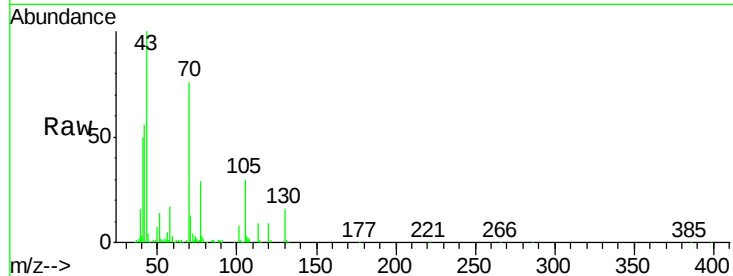




#19
n-Nitroso-di-n-propylamine
Concen: 39.76 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

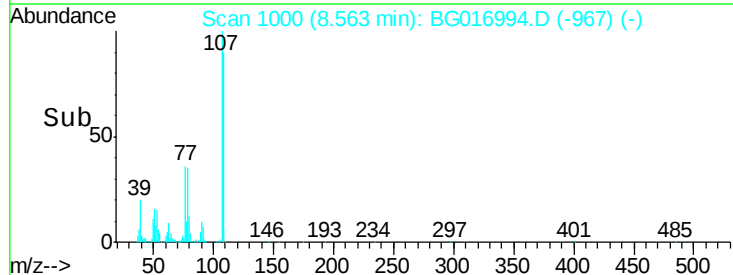
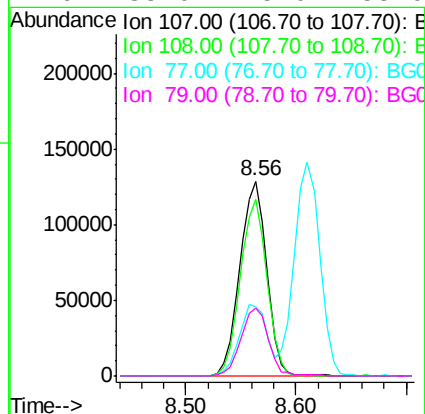
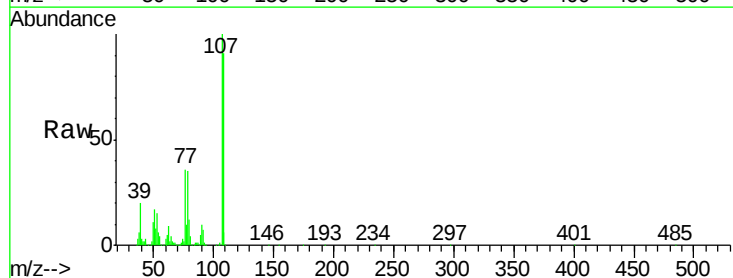
Instrument :
BNA_G
ClientSampleId :
PB83287BS

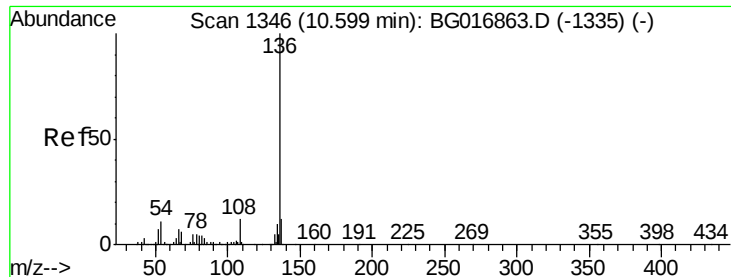
Tgt Ion:	70	Resp:	154876
Ion	Ratio	Lower	Upper
70	100		
42	72.9	61.5	92.3
101	11.1	9.8	14.6
130	21.6	20.2	30.4



#20
3+4-Methylphenols
Concen: 47.67 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:	107	Resp:	220344
Ion	Ratio	Lower	Upper
107	100		
108	90.5	76.6	116.6
77	35.7	19.0	59.0
79	35.0	15.0	55.0

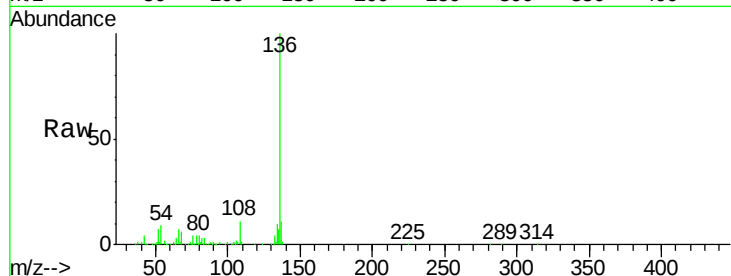




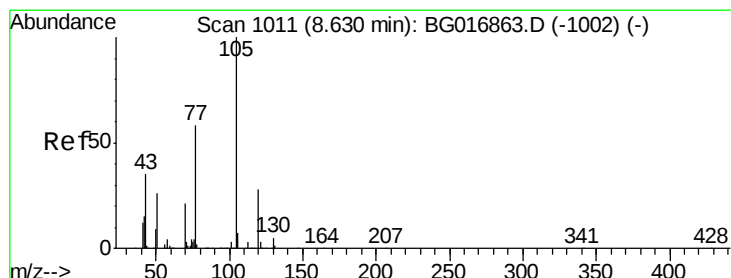
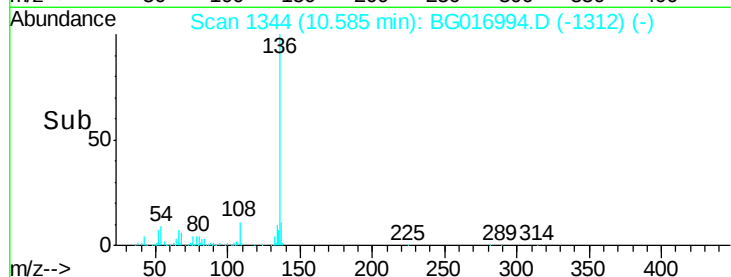
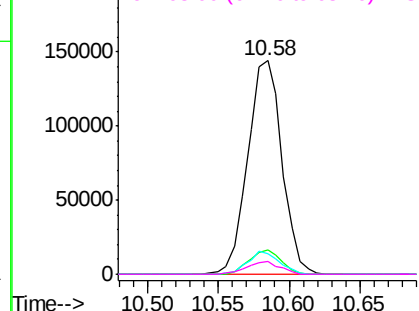
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Instrument :
BNA_G
ClientSampleId :
PB83287BS

Tgt Ion:	136	Resp:	244202
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	9.4	8.7	13.1
68	6.3	5.0	7.4

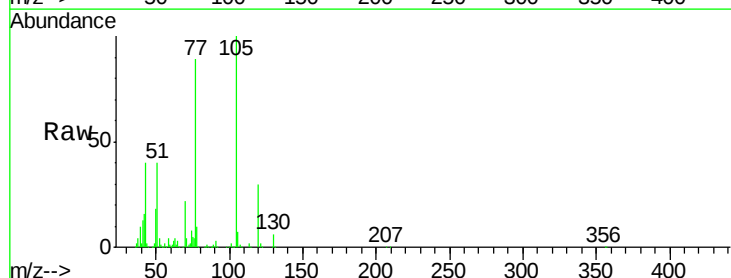


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

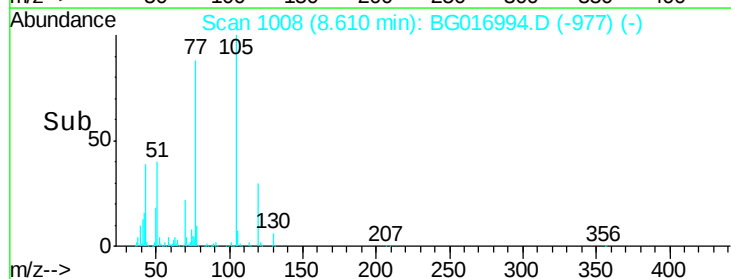
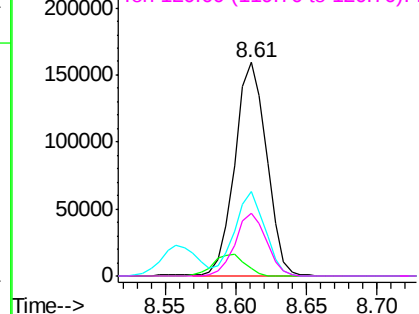


#22
Acetophenone
Concen: 43.13 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:	105	Resp:	250849
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	39.7	29.4	44.2
120	29.6	22.2	33.4



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

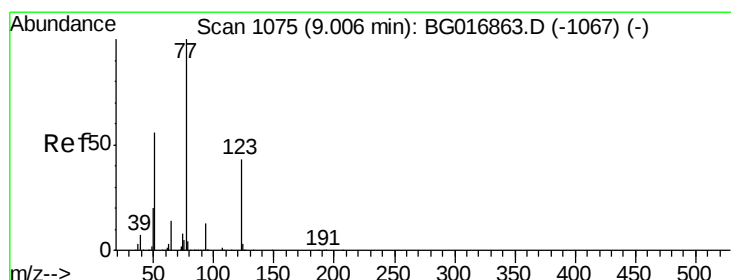
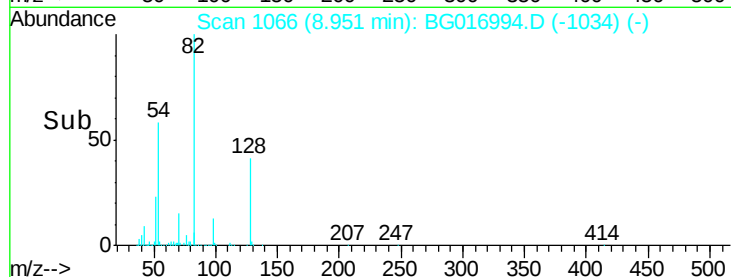
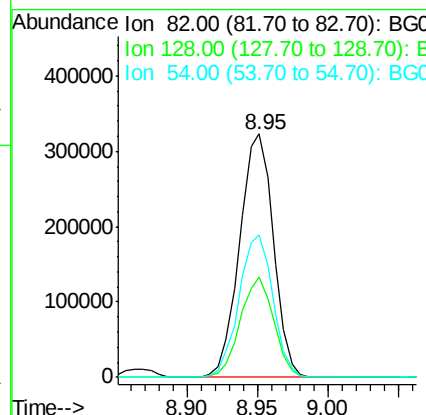
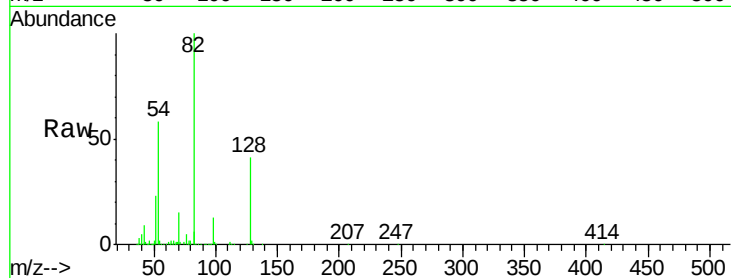




#23
 Nitrobenzene-d5
 Concen: 108.13 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

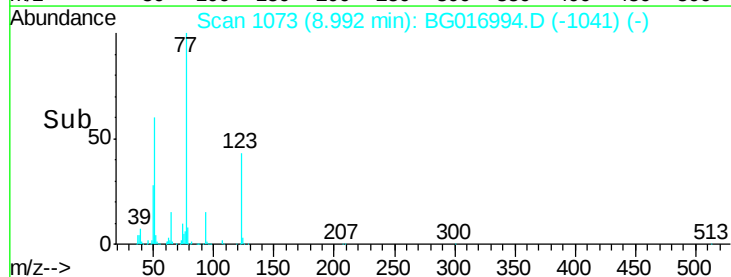
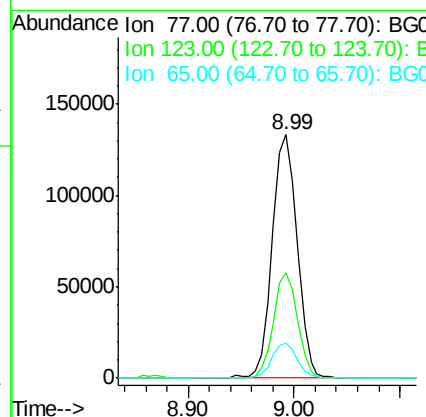
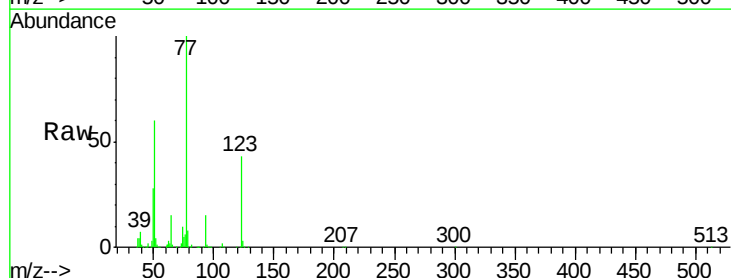
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Tgt Ion: 82 Resp: 540538
 Ion Ratio Lower Upper
 82 100
 128 41.2 33.2 49.8
 54 58.4 48.6 72.8



#24
 Nitrobenzene
 Concen: 43.03 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion: 77 Resp: 217204
 Ion Ratio Lower Upper
 77 100
 123 43.1 34.0 51.0
 65 14.6 11.2 16.8

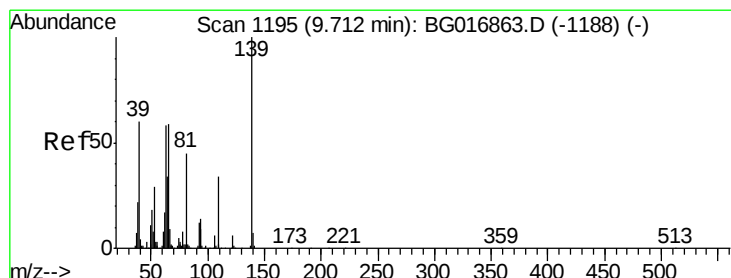
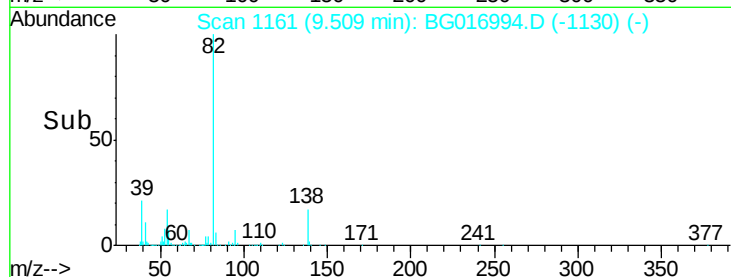
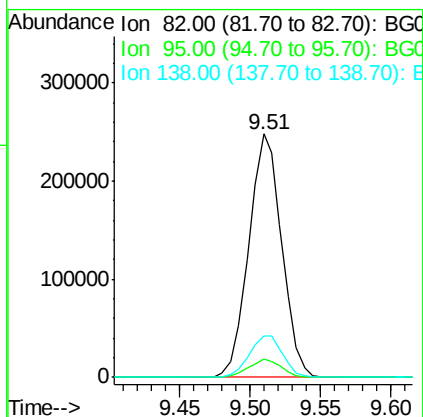
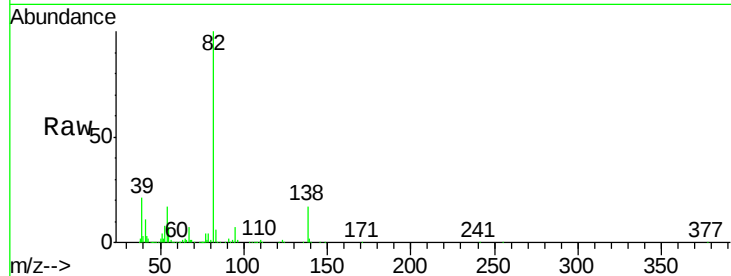




#25
Isophorone
Concen: 40.11 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

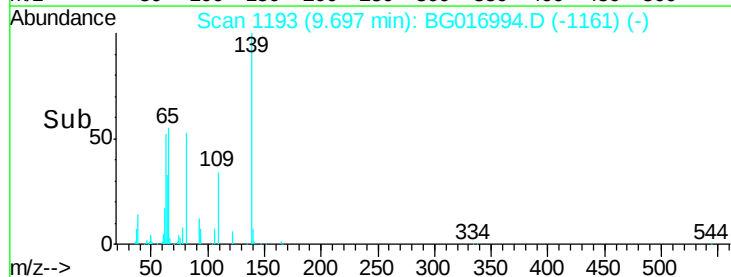
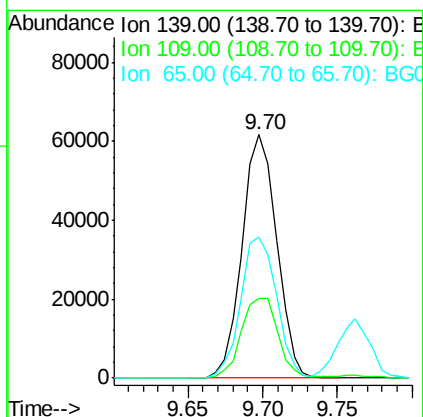
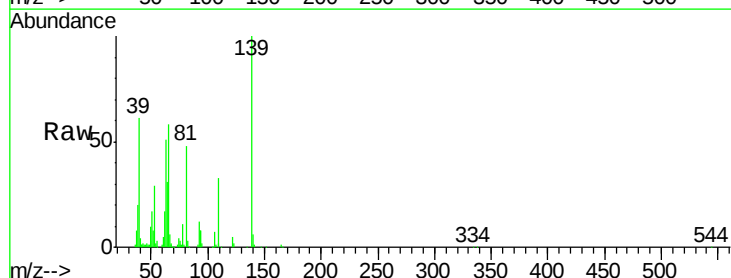
Instrument :
BNA_G
ClientSampleId :
PB83287BS

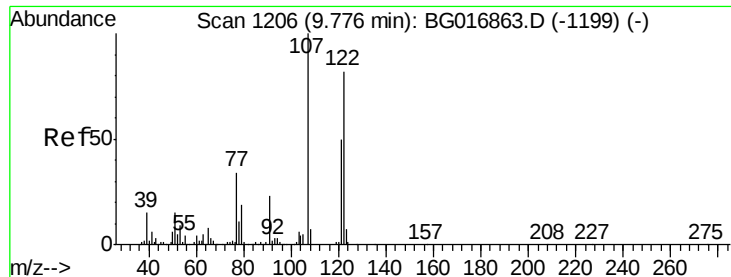
Tgt Ion: 82 Resp: 404871
Ion Ratio Lower Upper
82 100
95 7.3 6.7 10.1
138 16.8 14.7 22.1



#26
2-Nitrophenol
Concen: 48.28 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion: 139 Resp: 99223
Ion Ratio Lower Upper
139 100
109 32.9 27.4 41.2
65 57.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 47.72 ng

RT: 9.76 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

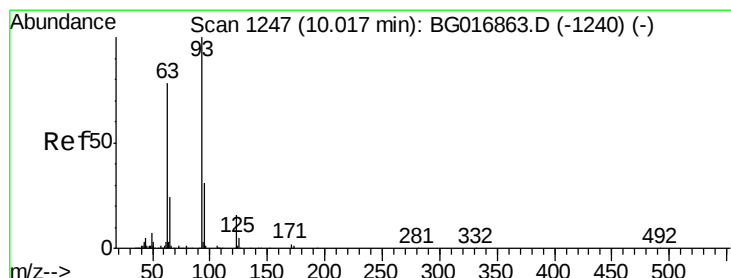
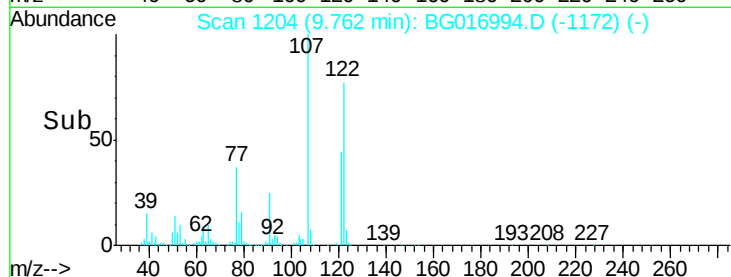
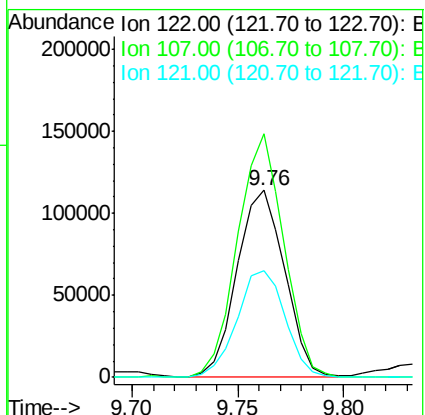
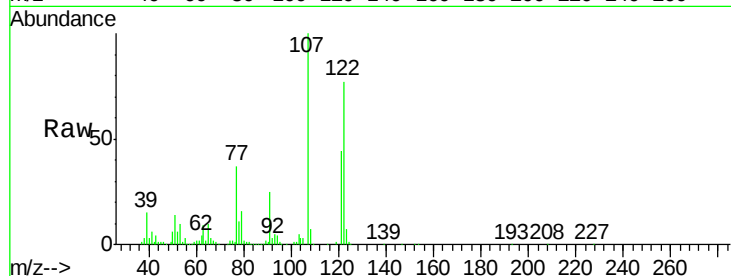
Tgt Ion:122 Resp: 177500

Ion Ratio Lower Upper

122 100

107 130.0 97.6 146.4

121 56.9 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.56 ng

RT: 10.00 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

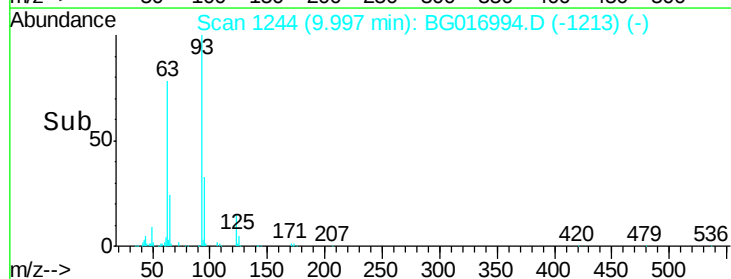
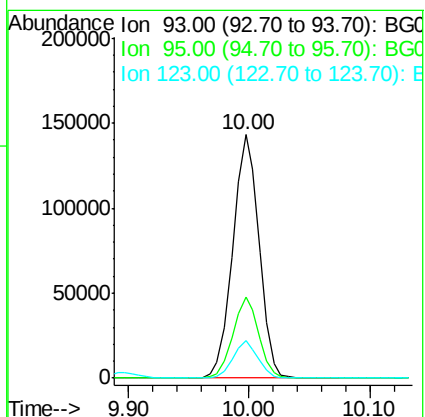
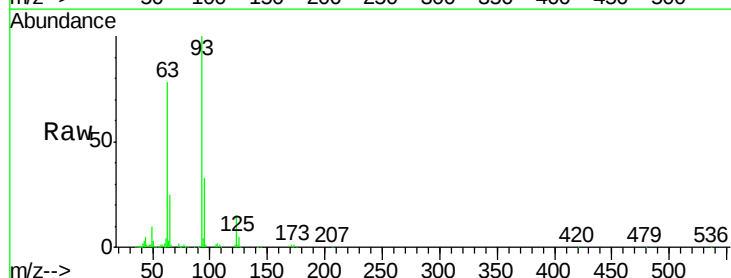
Tgt Ion: 93 Resp: 216815

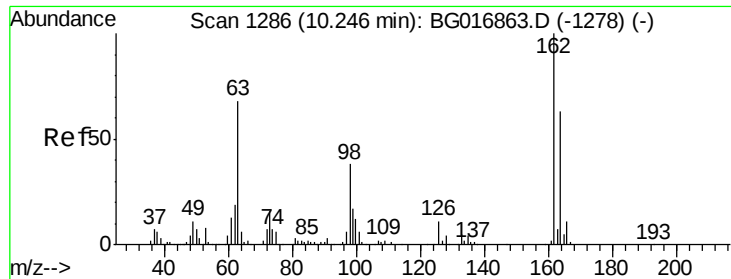
Ion Ratio Lower Upper

93 100

95 33.4 24.8 37.2

123 15.2 12.6 19.0

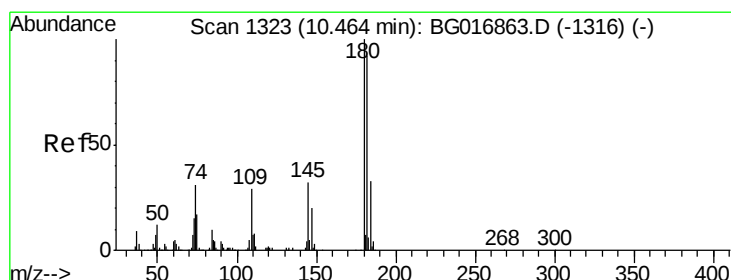
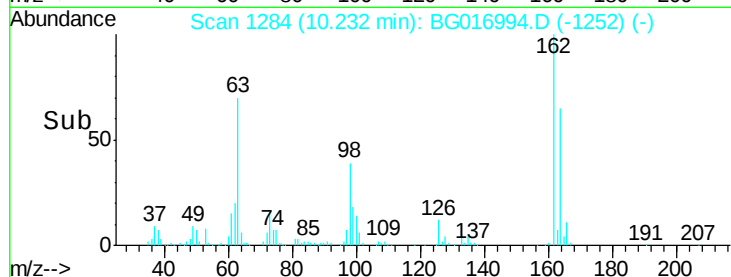
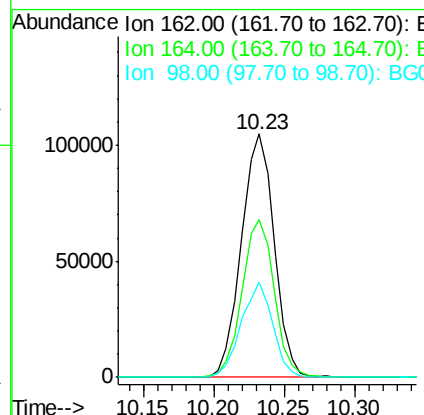
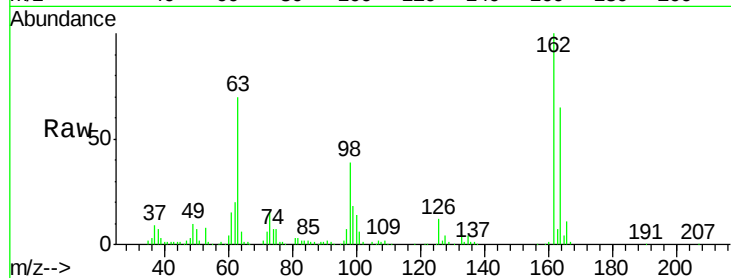




#29
 2,4-Dichlorophenol
 Concen: 48.55 ng
 RT: 10.23 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

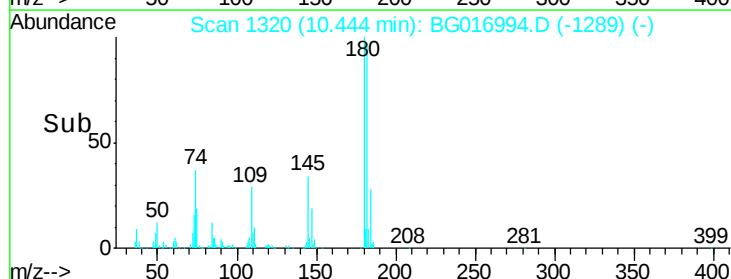
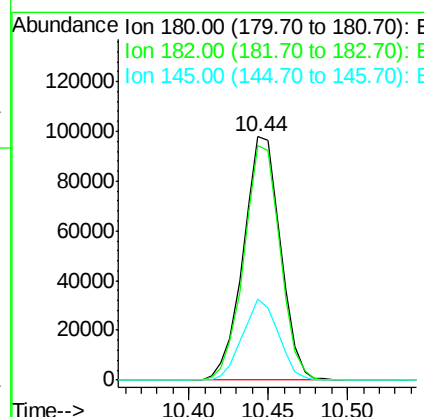
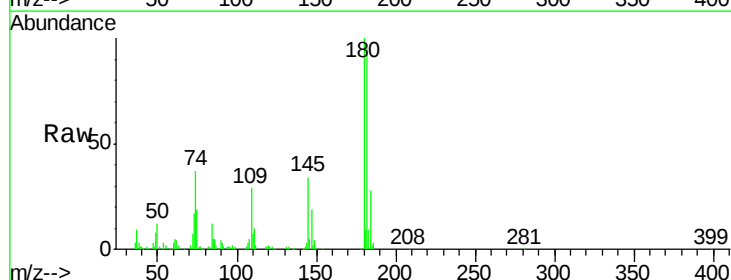
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

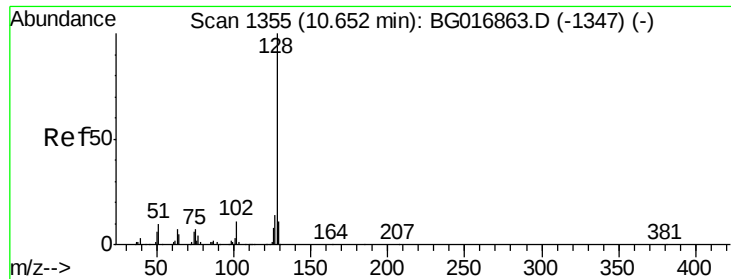
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.9	82.9
98	39.3	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.61 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	73.8	110.8
145	33.5	25.4	38.0

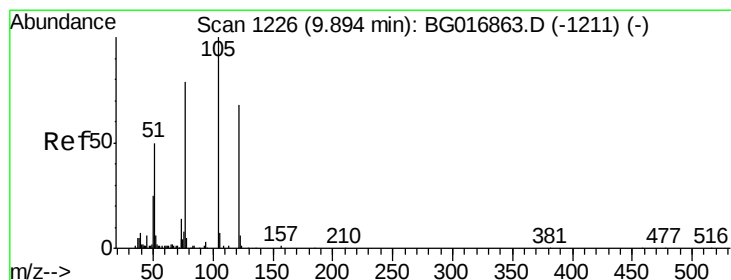
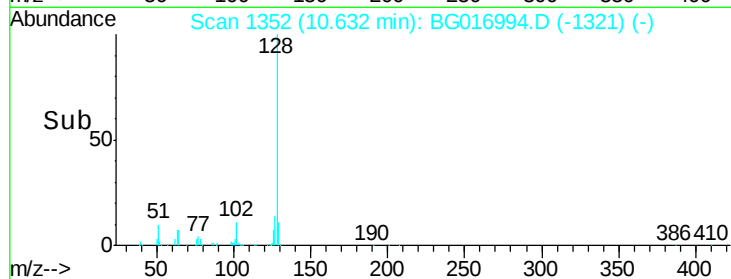
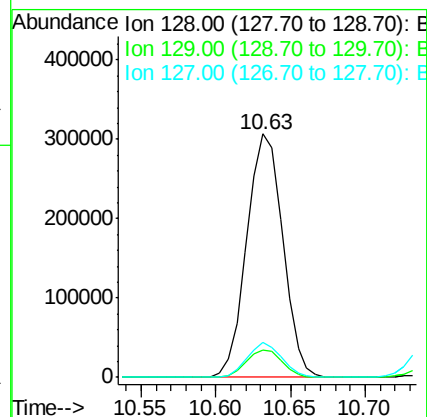
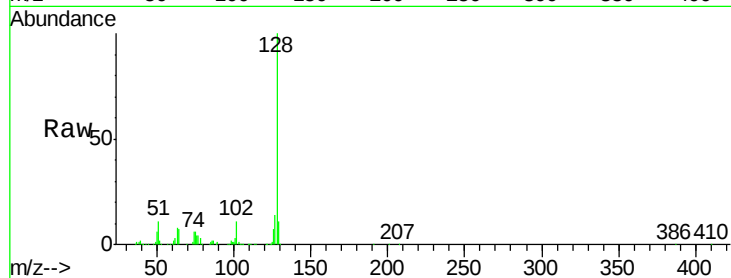




#31
Naphthalene
Concen: 42.26 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

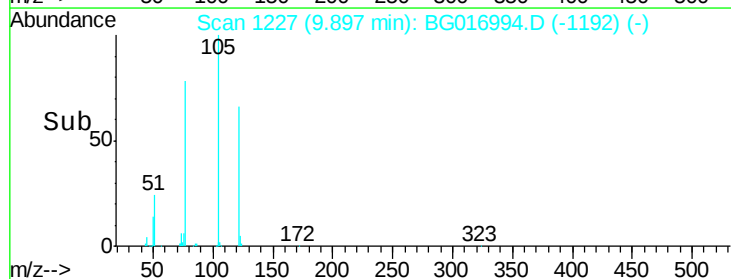
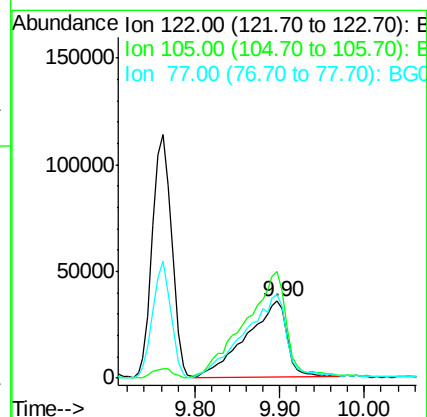
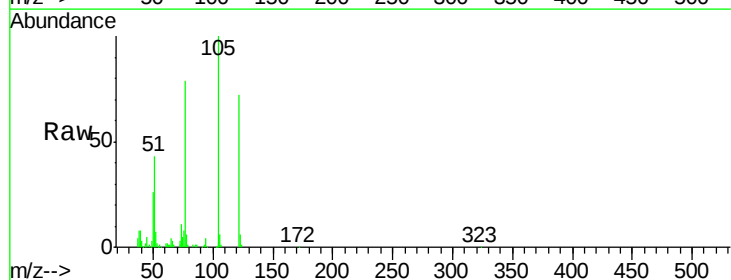
Instrument :
BNA_G
ClientSampleId :
PB83287BS

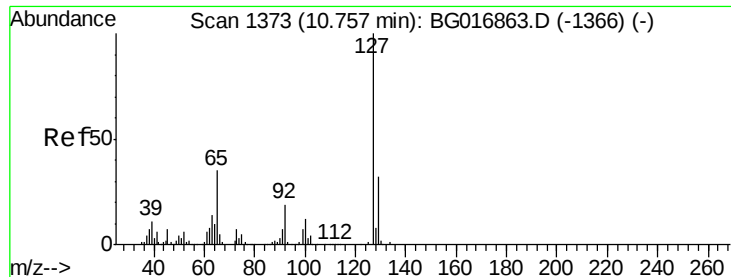
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	14.3	10.9	16.3



#32
Benzoic acid
Concen: 51.78 ng
RT: 9.90 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.5	123.2	163.2
77	109.6	93.0	133.0

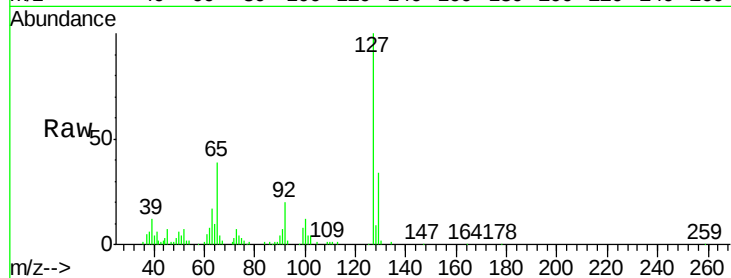




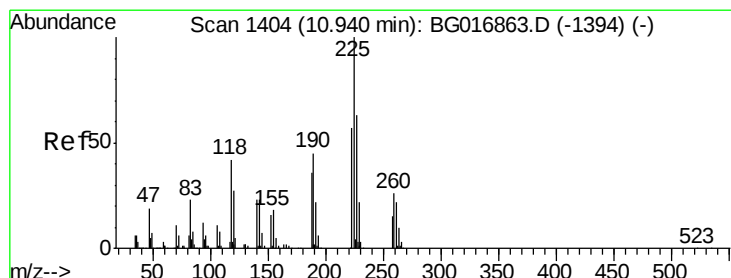
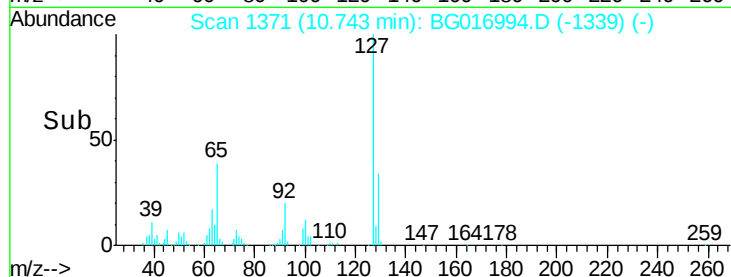
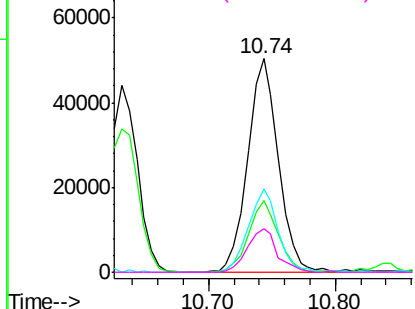
#33
4-Chloroaniline
Concen: 15.15 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Instrument :
BNA_G
ClientSampleId :
PB83287BS

Tgt Ion:	127	Resp:	85001
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.6
65	38.8	28.2	42.2
92	20.5	15.6	23.4

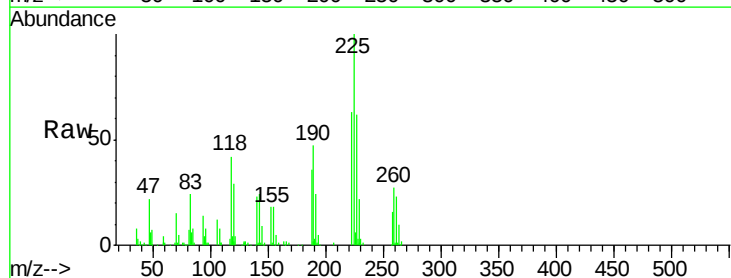


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

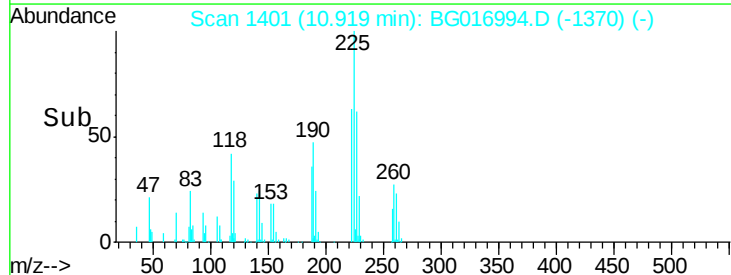
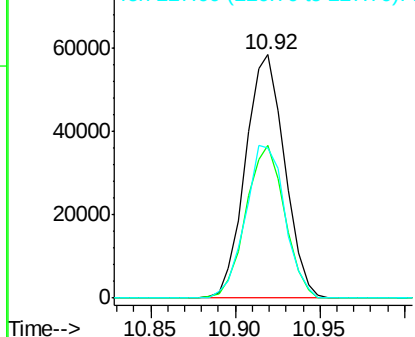


#34
Hexachlorobutadiene
Concen: 40.35 ng
RT: 10.92 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:	225	Resp:	94097
Ion	Ratio	Lower	Upper
225	100		
223	63.0	45.8	68.6
227	61.7	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: 27.77 ng

RT: 11.51 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

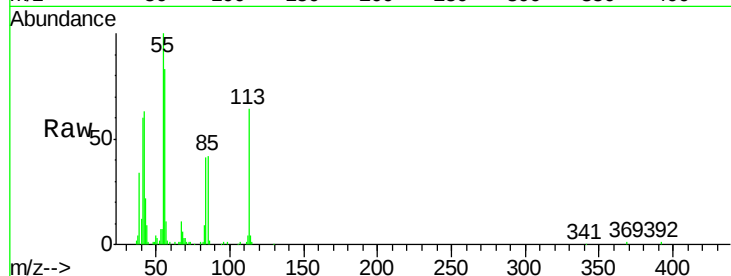
Tgt Ion:113 Resp: 50703

Ion Ratio Lower Upper

113 100

55 155.1 137.1 177.1

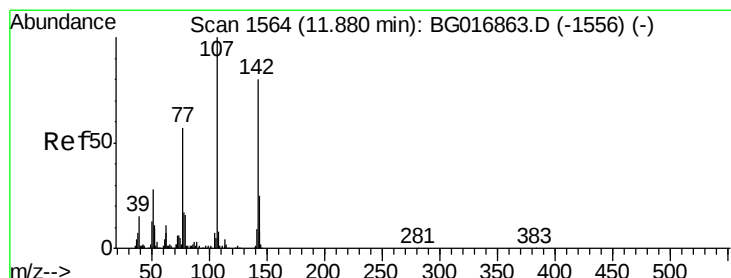
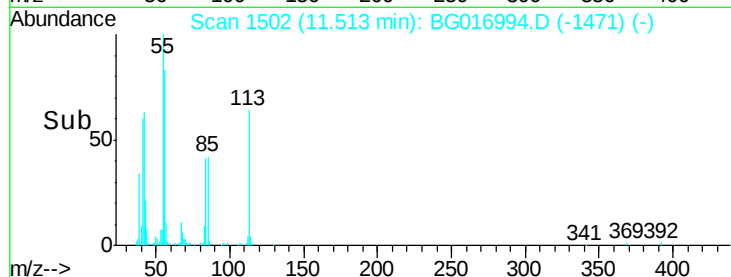
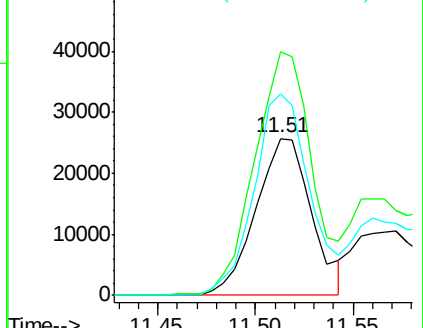
56 128.3 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG016863.D (-1493) (-)

Ion 56.00 (55.70 to 56.70): BG016863.D (-1493) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.95 ng

RT: 11.87 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

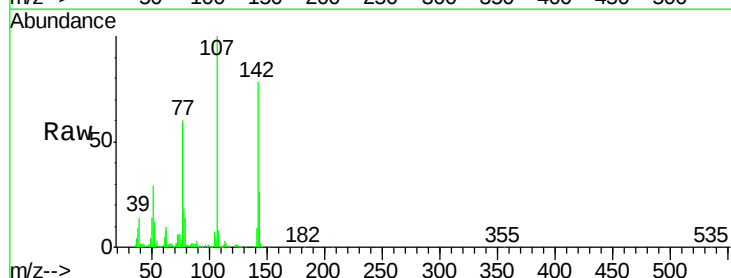
Tgt Ion:107 Resp: 220241

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

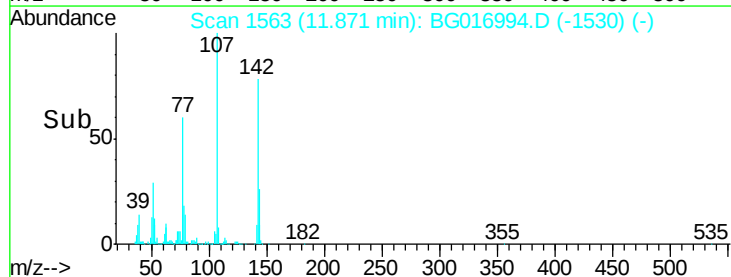
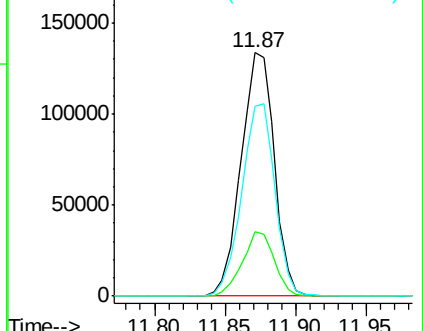
142 78.1 64.2 96.2

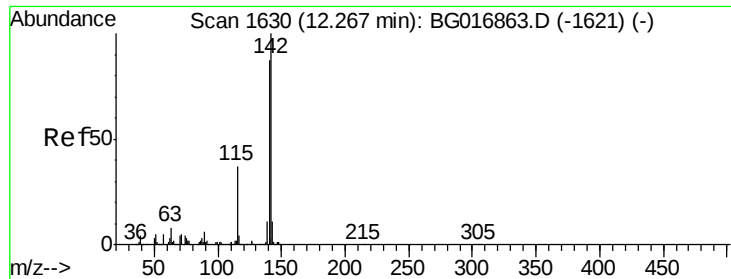


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

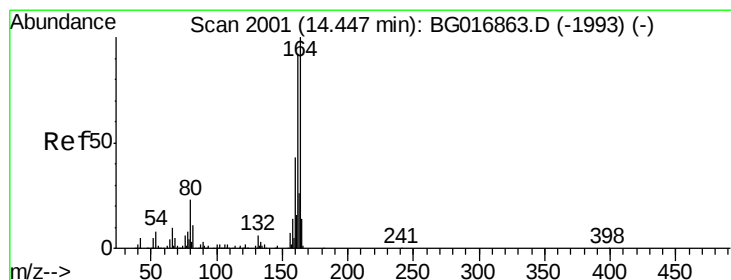
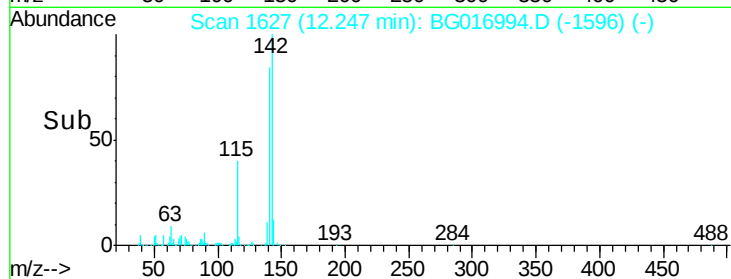
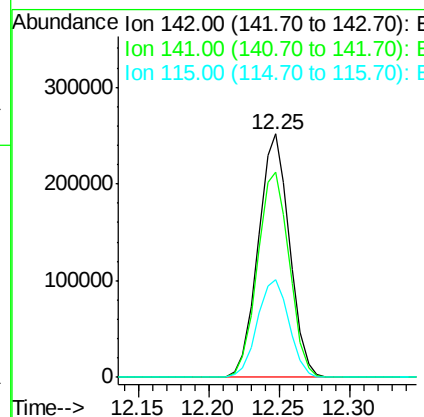
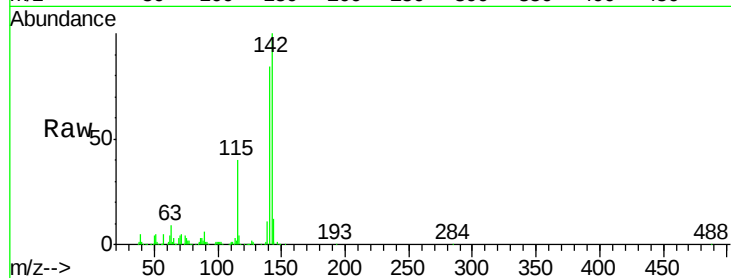




#37
 2-Methylnaphthalene
 Concen: 42.15 ng
 RT: 12.25 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

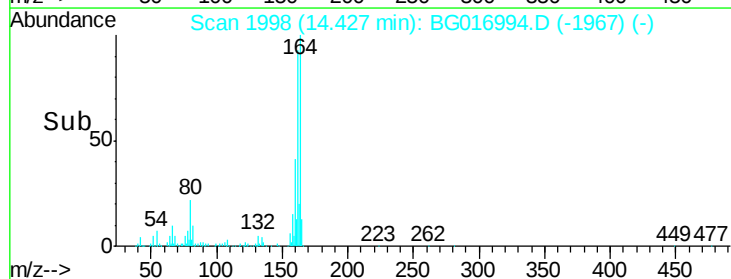
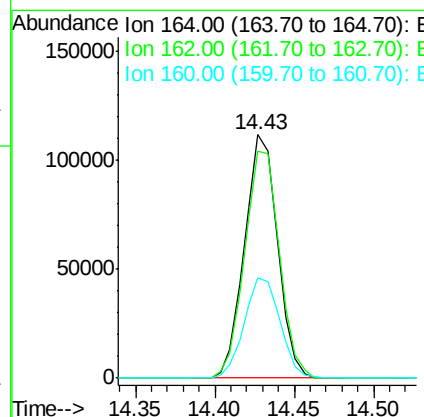
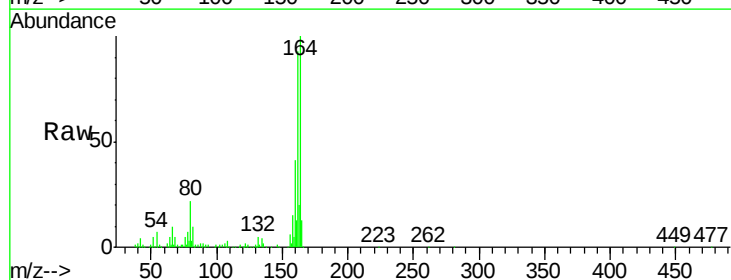
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

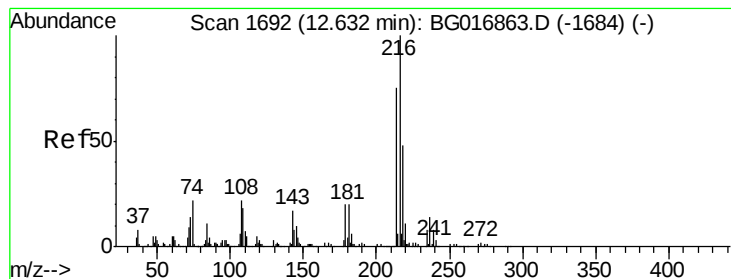
Tgt Ion:142 Resp: 389973
 Ion Ratio Lower Upper
 142 100
 141 84.4 69.9 104.9
 115 40.3 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:164 Resp: 161344
 Ion Ratio Lower Upper
 164 100
 162 93.3 74.0 111.0
 160 41.0 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.89 ng

RT: 12.62 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

Tgt Ion:216 Resp: 178334

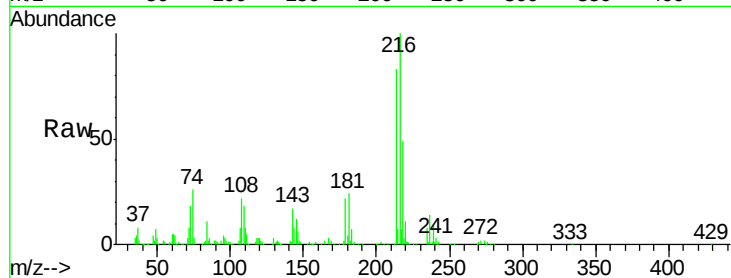
Ion Ratio Lower Upper

216 100

214 79.5 0.0 0.0#

179 22.3 0.0 0.0#

108 26.9 0.0 0.0#

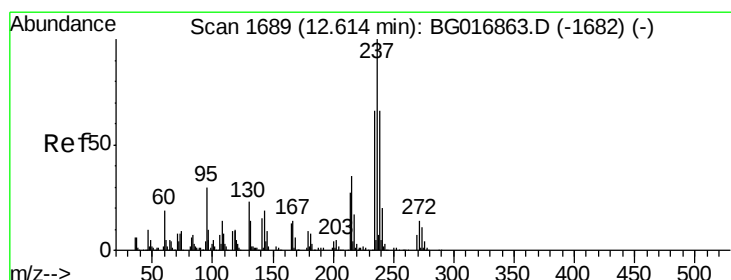
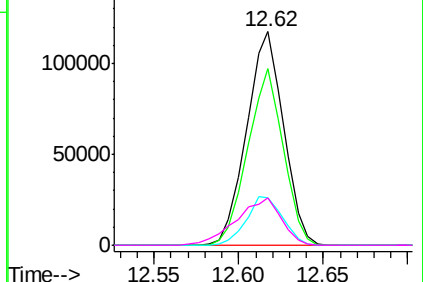
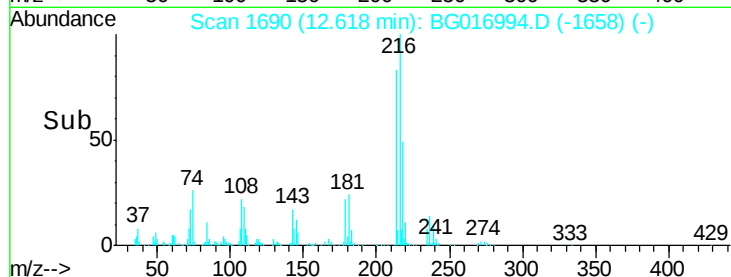


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.15 ng

RT: 12.59 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

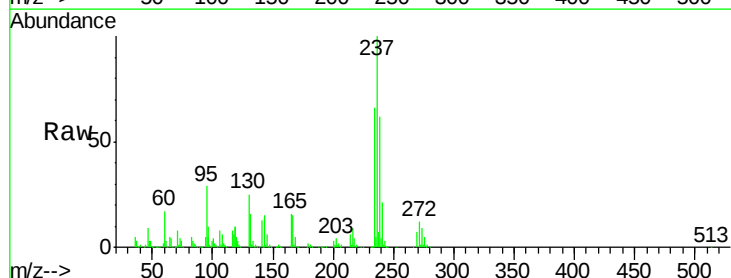
Tgt Ion:237 Resp: 242650

Ion Ratio Lower Upper

237 100

235 65.6 45.5 85.5

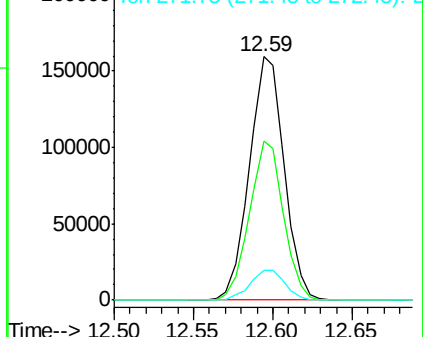
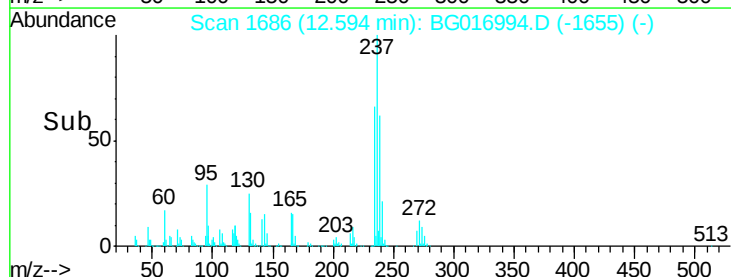
272 12.4 0.0 33.7

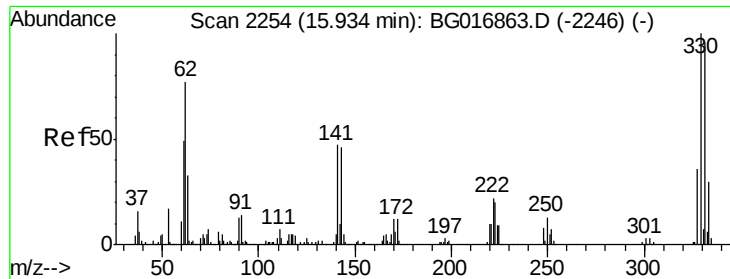


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

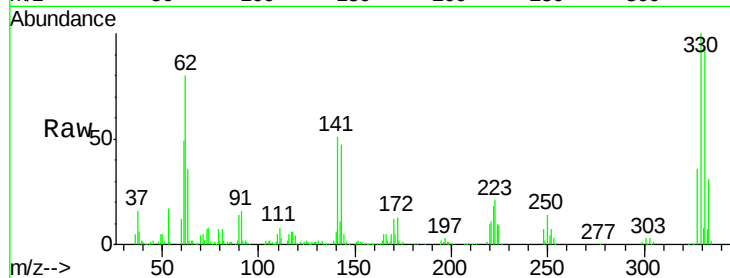




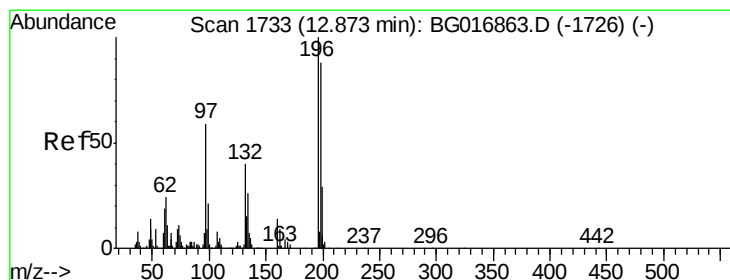
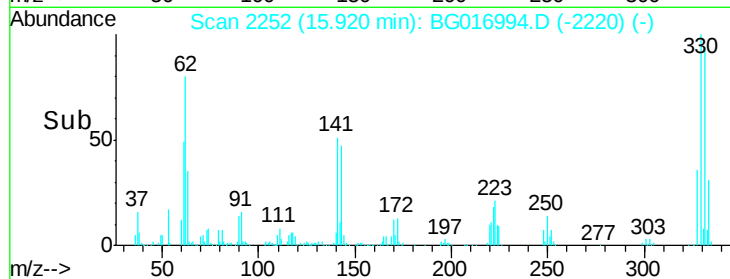
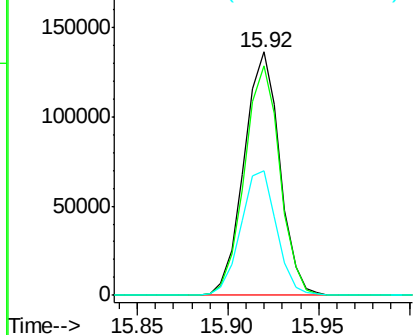
#41
 2,4,6-Tribromophenol
 Concen: 115.35 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.3	0.0	0.0#
141	51.3	0.0	0.0#

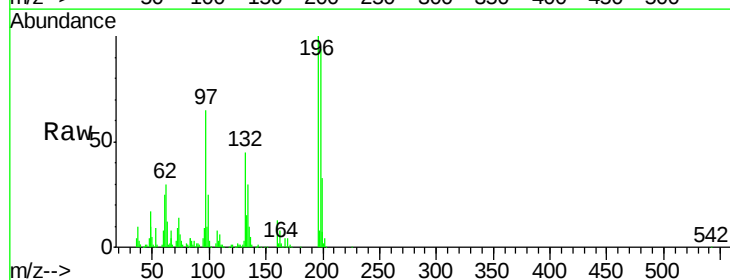


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

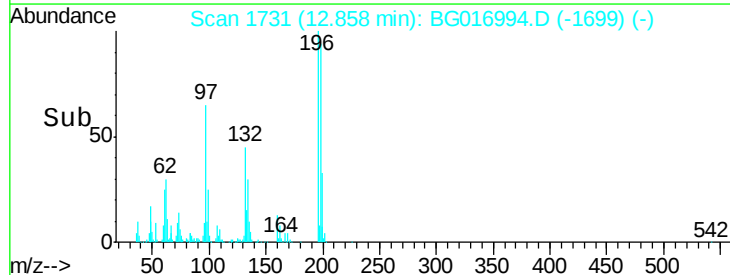
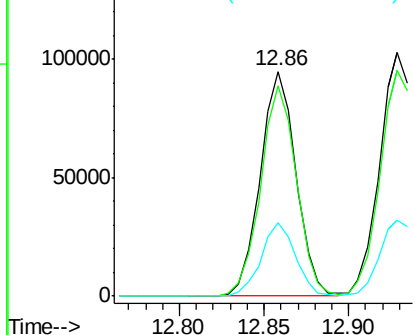


#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	70.7	106.1
200	32.8	23.0	34.4



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

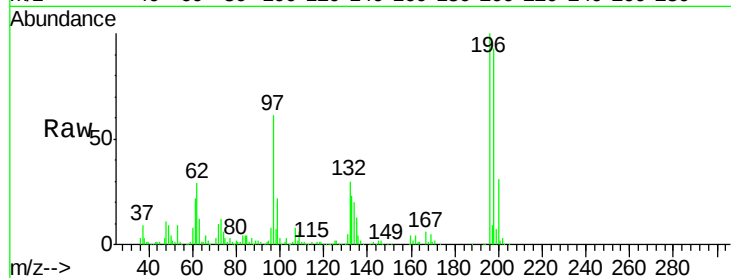




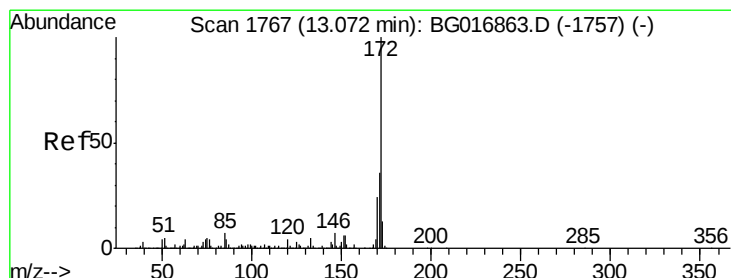
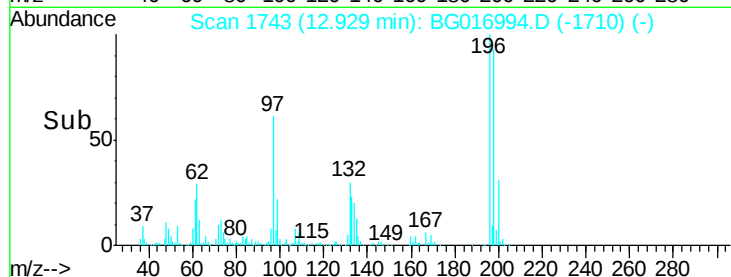
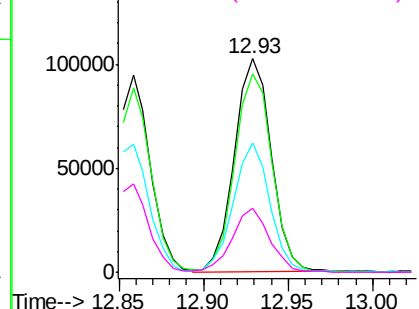
#43
 2,4,5-Trichlorophenol
 Concen: 47.59 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Tgt Ion:196 Resp: 156118
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.5 116.3
 97 60.7 45.9 68.9
 132 29.8 23.7 35.5

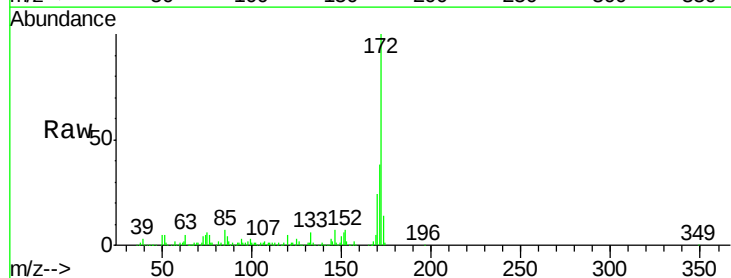


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

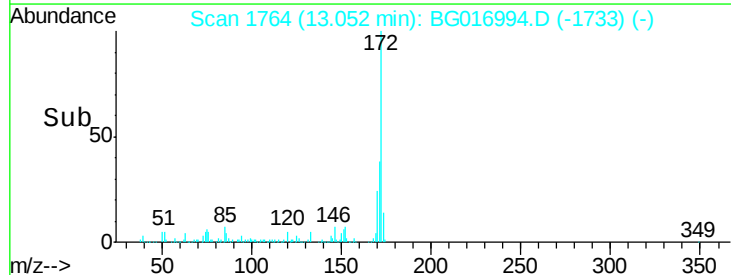
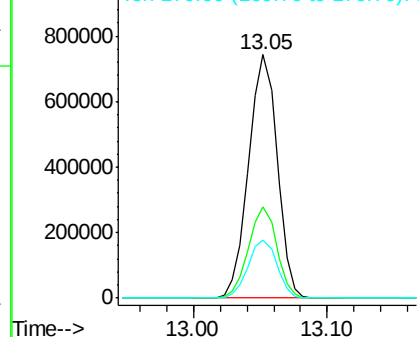


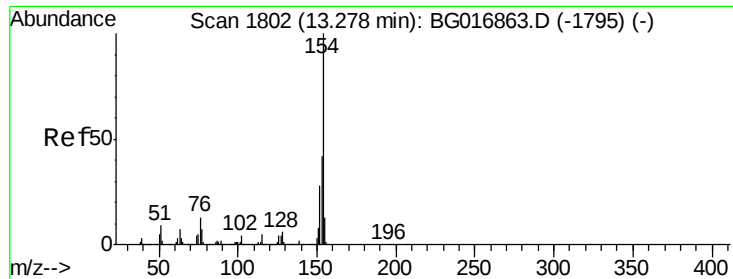
#44
 2-Fluorobiphenyl
 Concen: 102.36 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:172 Resp: 1094397
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.4
 170 23.6 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

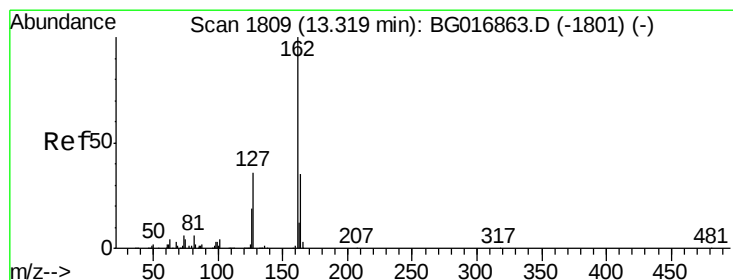
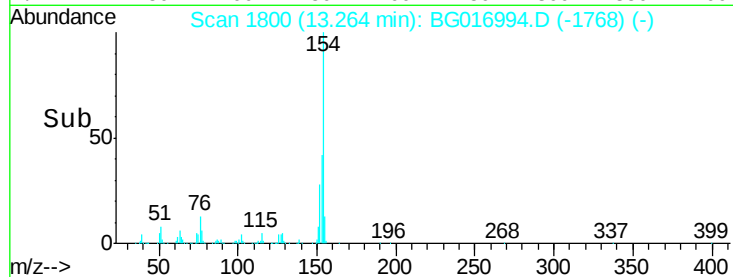
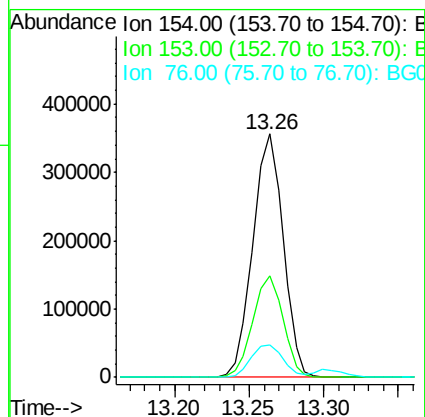
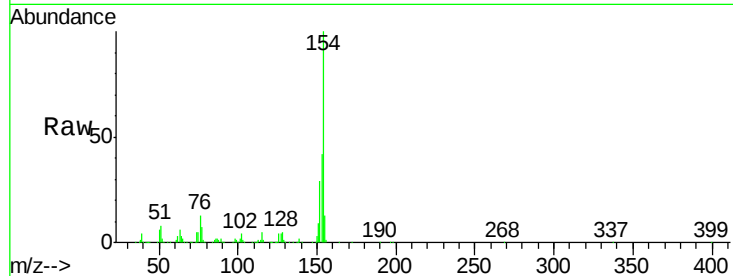




#45
 1,1'-Biphenyl
 Concen: 43.16 ng
 RT: 13.26 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

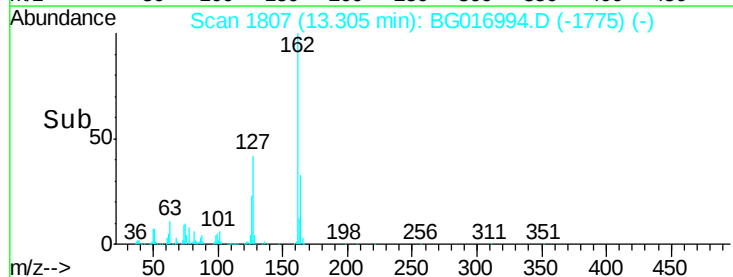
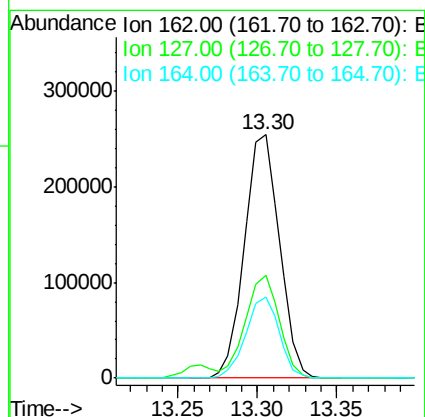
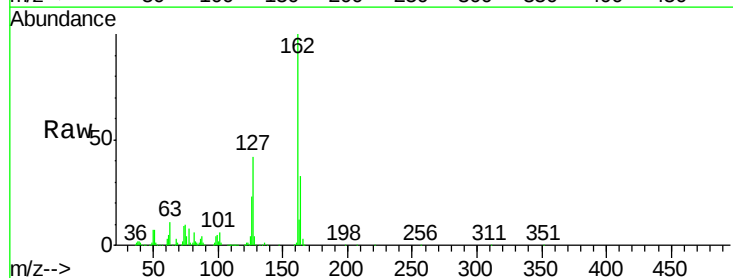
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

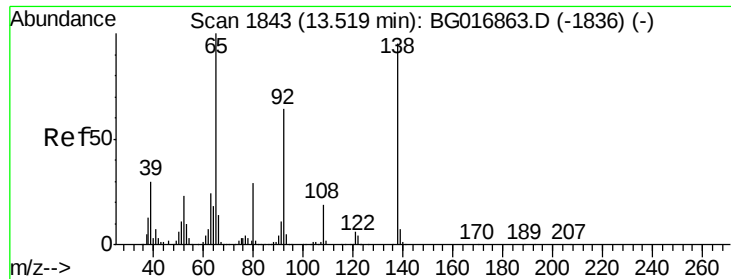
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.0	62.0
76	13.5	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 42.72 ng
 RT: 13.30 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.2	46.8
164	33.5	27.8	41.6

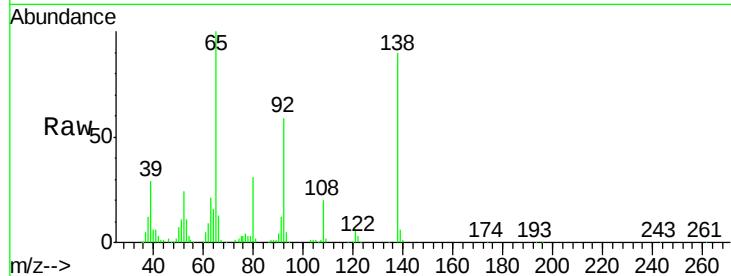




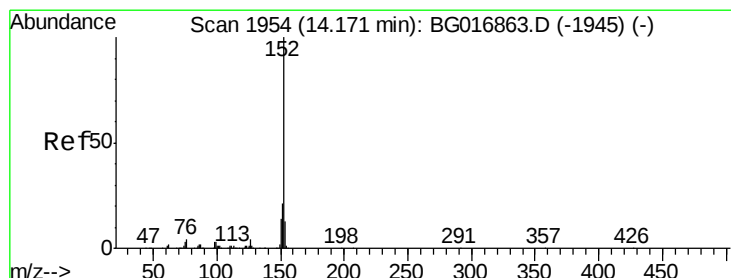
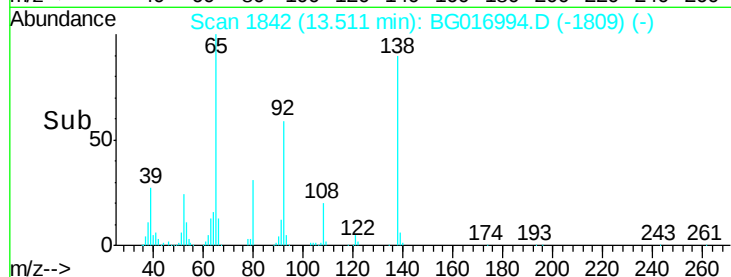
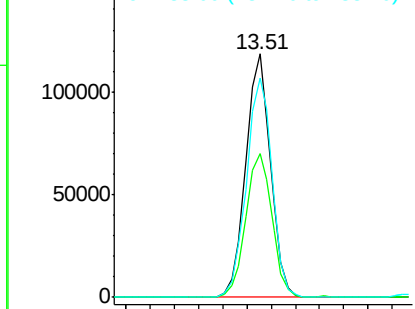
#47
2-Nitroaniline
Concen: 53.50 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Instrument :
BNA_G
ClientSampleId :
PB83287BS

Tgt Ion: 65 Resp: 170402
Ion Ratio Lower Upper
65 100
92 59.1 51.0 76.6
138 90.1 76.2 114.2

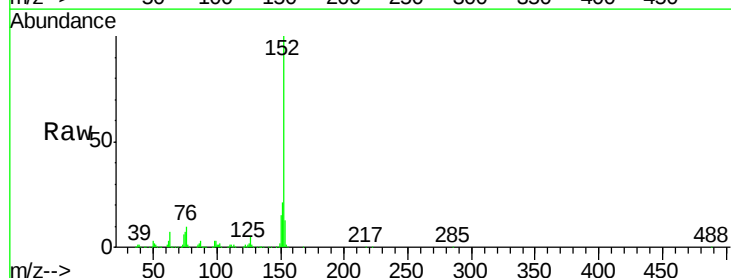


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

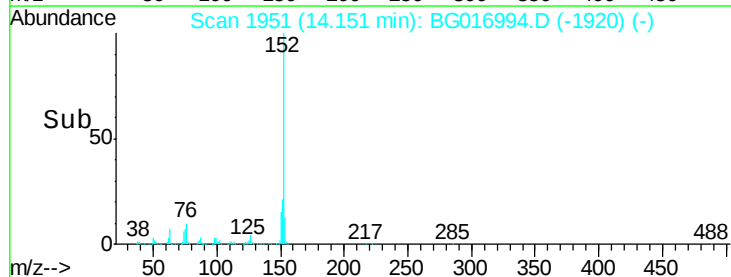
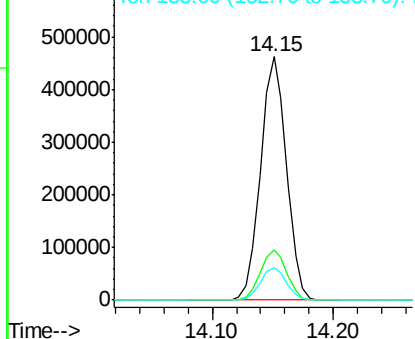


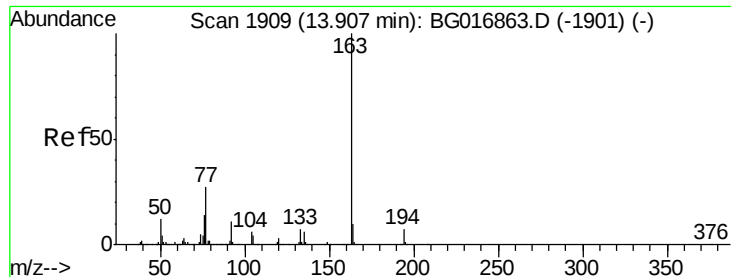
#48
Acenaphthylene
Concen: 42.99 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion: 152 Resp: 685021
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 44.83 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

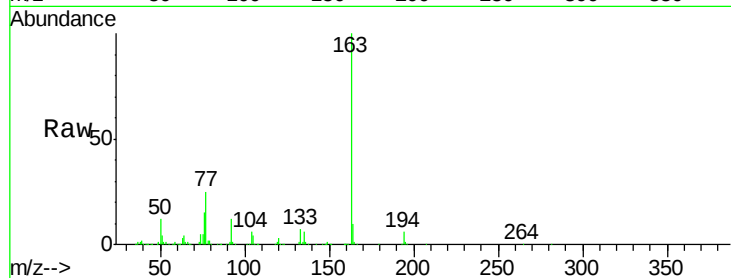
Tgt Ion:163 Resp: 540081

Ion Ratio Lower Upper

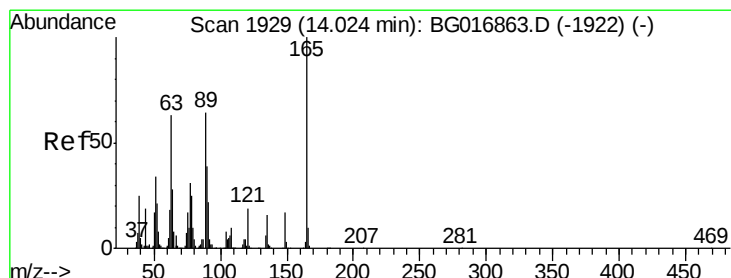
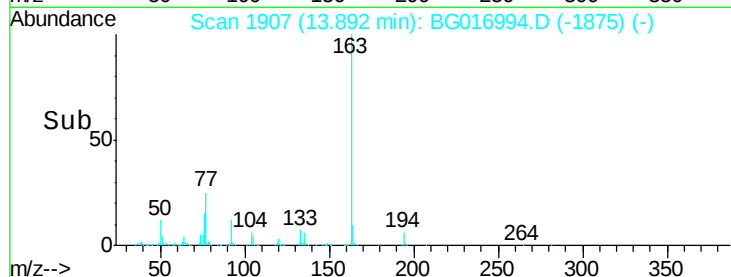
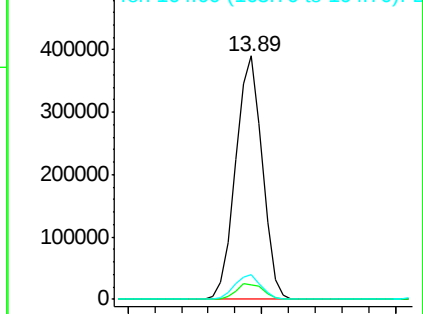
163 100

194 6.2 5.2 7.8

164 10.2 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 51.76 ng

RT: 14.01 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

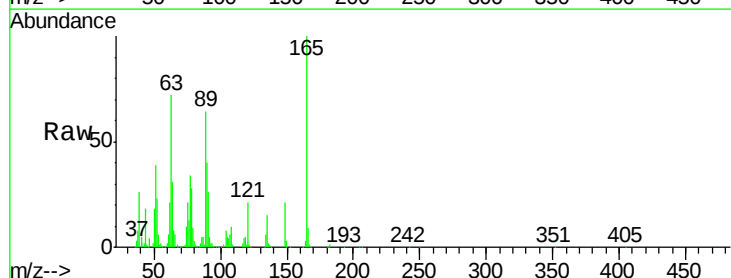
Tgt Ion:165 Resp: 129464

Ion Ratio Lower Upper

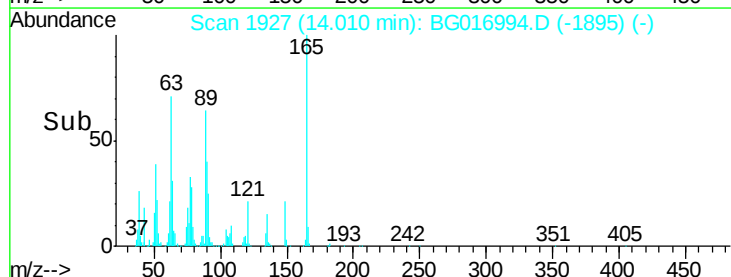
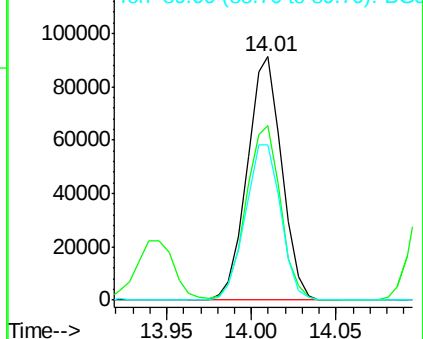
165 100

63 71.9 50.9 76.3

89 63.5 51.4 77.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG016994.D (-1895) (-)
Ion 89.00 (88.70 to 89.70): BG016994.D (-1895) (-)





#51

Acenaphthene

Concen: 42.80 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

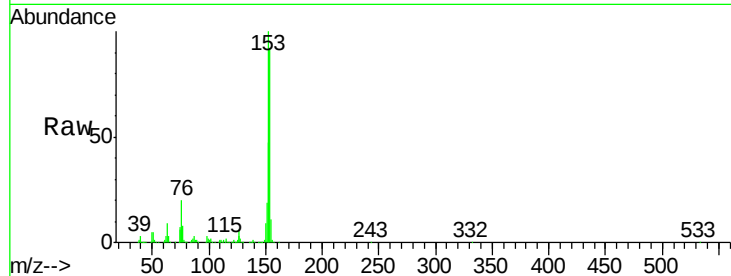
Tgt Ion:154 Resp: 405883

Ion Ratio Lower Upper

154 100

153 109.2 84.2 126.4

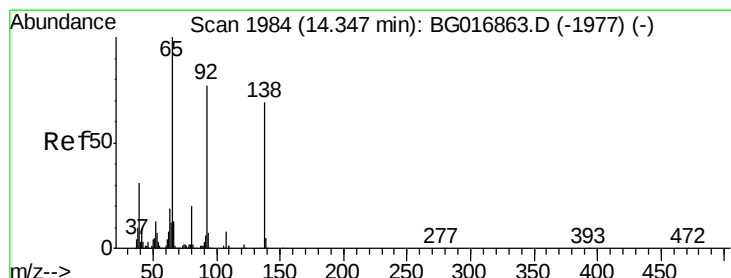
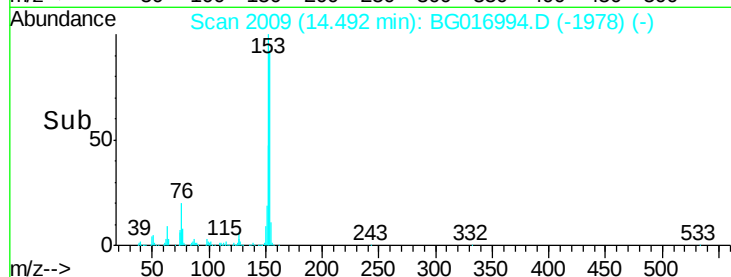
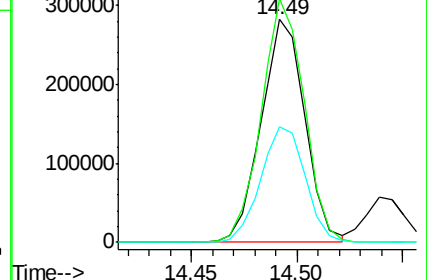
152 51.6 40.2 60.2



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: 32.56 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

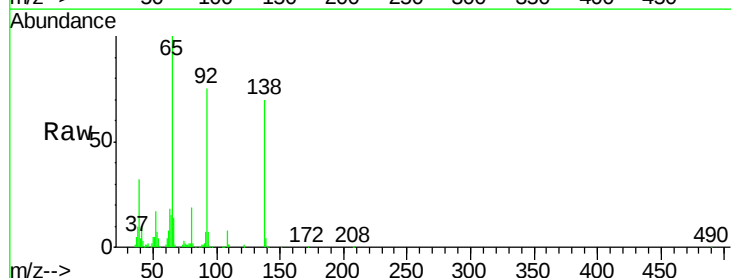
Tgt Ion:138 Resp: 92669

Ion Ratio Lower Upper

138 100

108 11.0 9.5 14.3

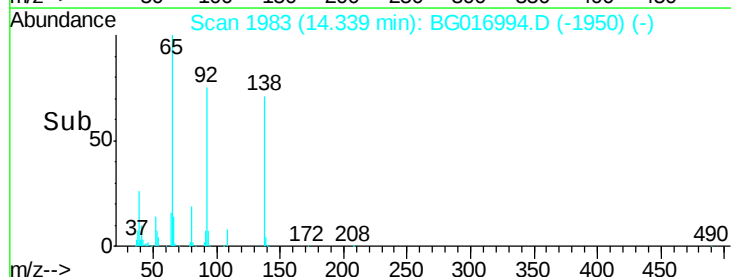
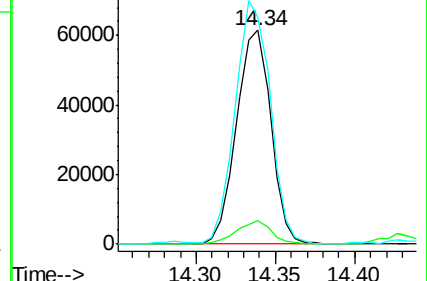
92 105.9 89.6 134.4

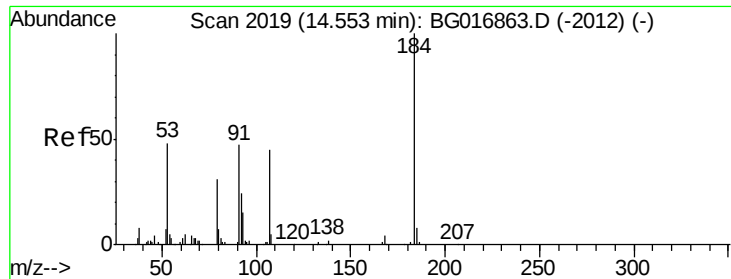


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

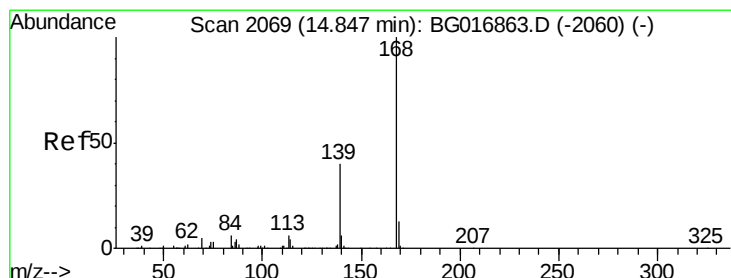
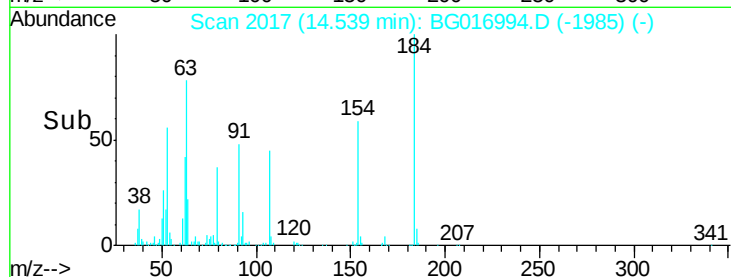
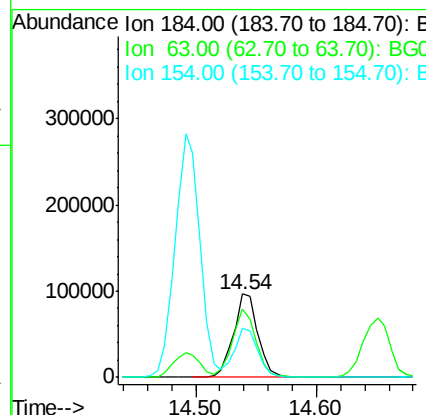
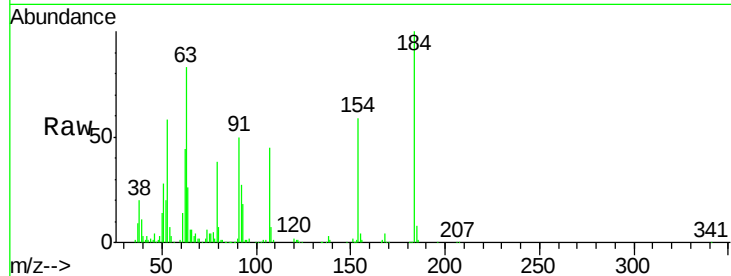




#53
2,4-Dinitrophenol
Concen: 120.02 ng
RT: 14.54 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

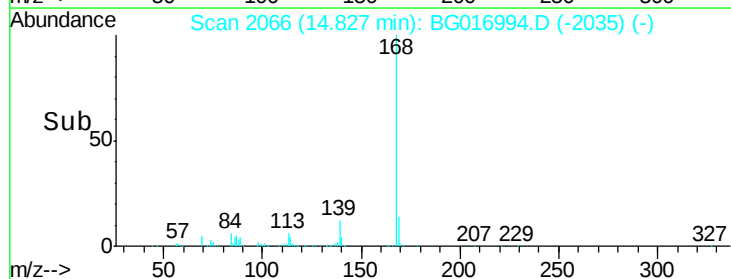
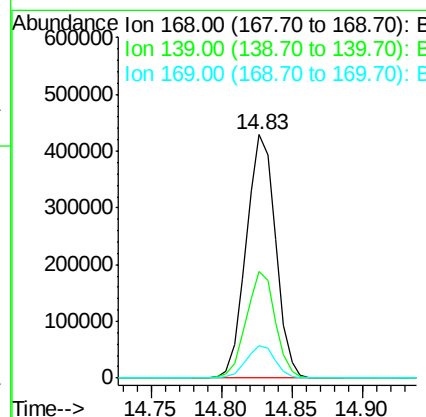
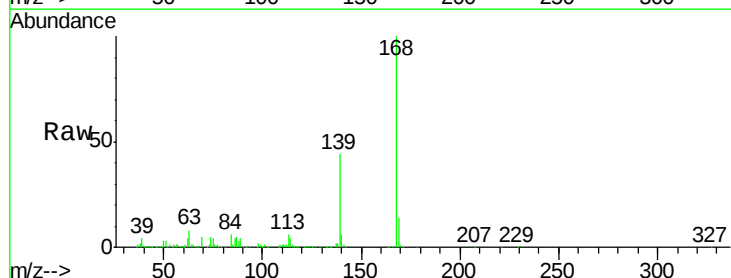
Instrument :
BNA_G
ClientSampleId :
PB83287BS

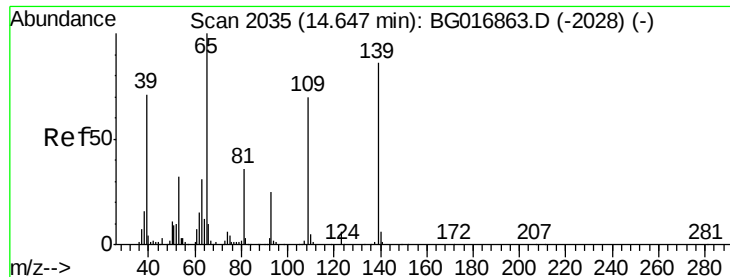
Tgt Ion:184 Resp: 137311
Ion Ratio Lower Upper
184 100
63 82.5 53.4 80.0#
154 59.3 41.0 61.6



#54
Dibenzofuran
Concen: 46.43 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:168 Resp: 625184
Ion Ratio Lower Upper
168 100
139 44.0 32.5 48.7
169 13.5 10.4 15.6

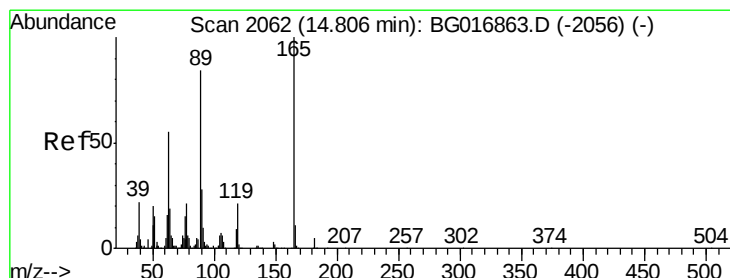
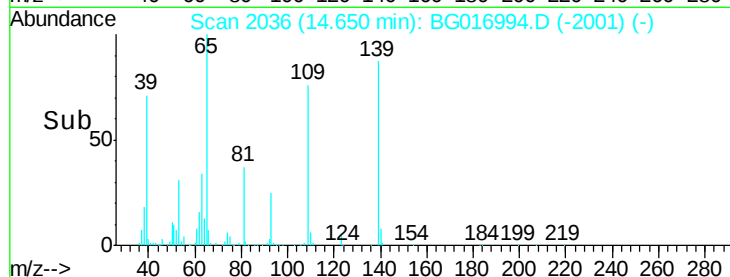
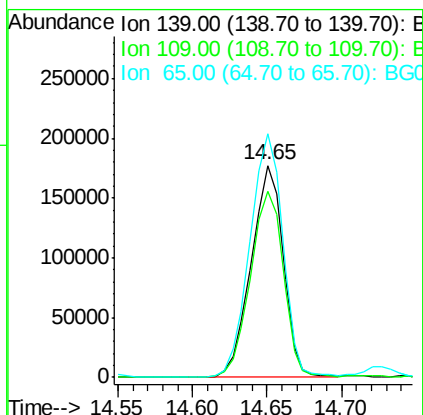
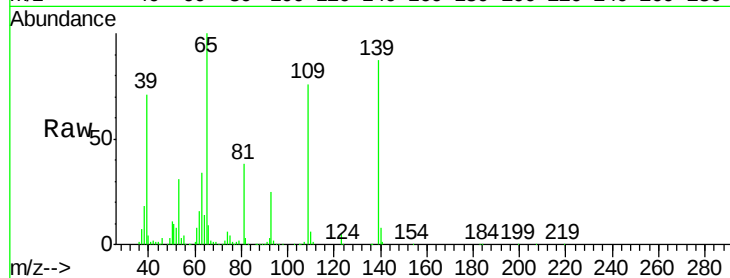




#55
4-Nitrophenol
Concen: 109.43 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

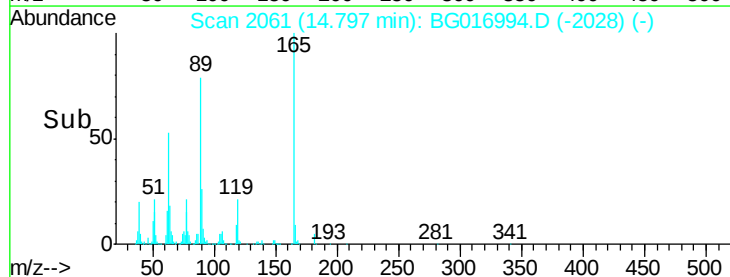
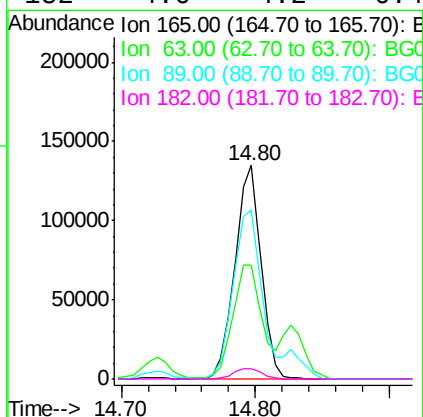
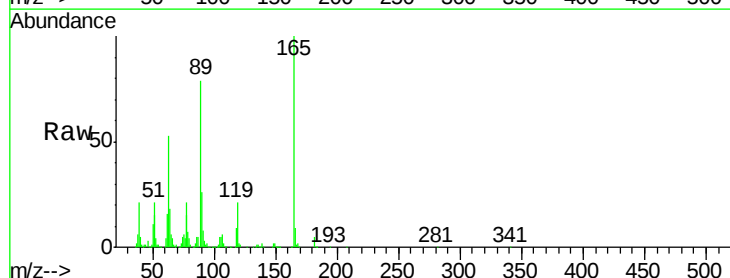
Instrument :
BNA_G
ClientSampleId :
PB83287BS

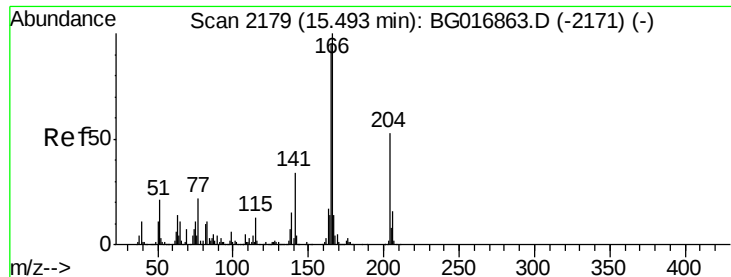
Tgt Ion:139 Resp: 264050
Ion Ratio Lower Upper
139 100
109 87.9 61.8 101.8
65 115.0 96.8 136.8



#56
2,4-Dinitrotoluene
Concen: 57.34 ng
RT: 14.80 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:165 Resp: 183488
Ion Ratio Lower Upper
165 100
63 53.3 44.2 66.4
89 79.3 67.2 100.8
182 4.6 4.2 6.4





#57

Fluorene

Concen: 45.75 ng

RT: 15.48 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

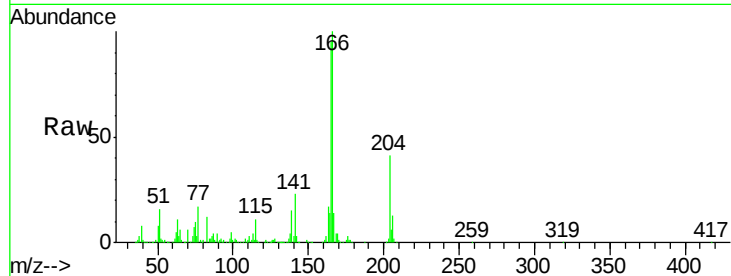
Tgt Ion:166 Resp: 545417

Ion Ratio Lower Upper

166 100

165 94.9 76.1 114.1

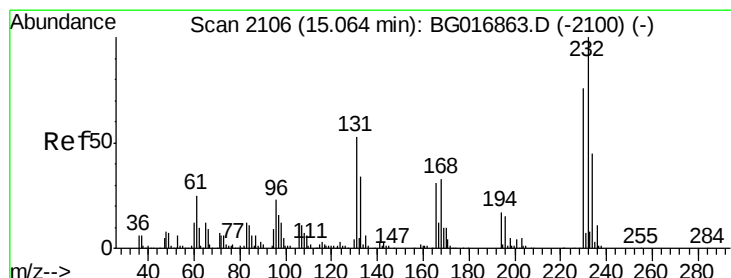
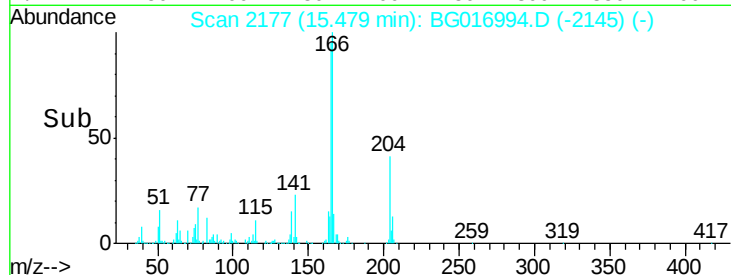
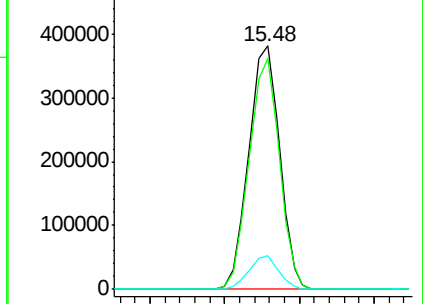
167 13.7 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.35 ng

RT: 15.06 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Tgt Ion:232 Resp: 145369

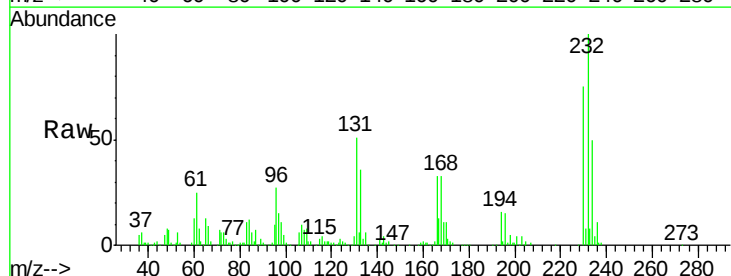
Ion Ratio Lower Upper

232 100

131 53.7 0.1 0.1#

130 3.9 0.0 0.0#

166 33.2 0.0 0.0#

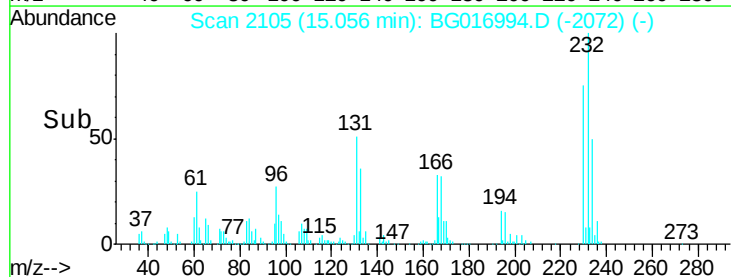
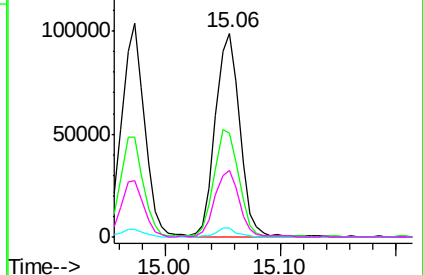


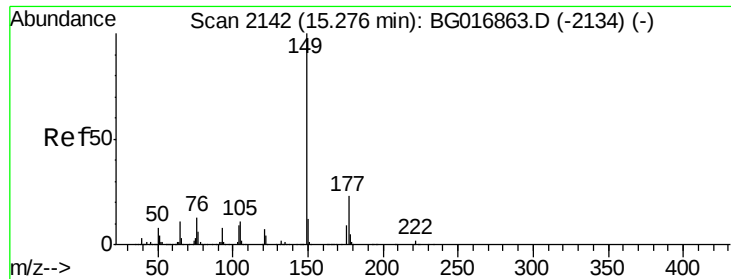
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.61 ng

RT: 15.26 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

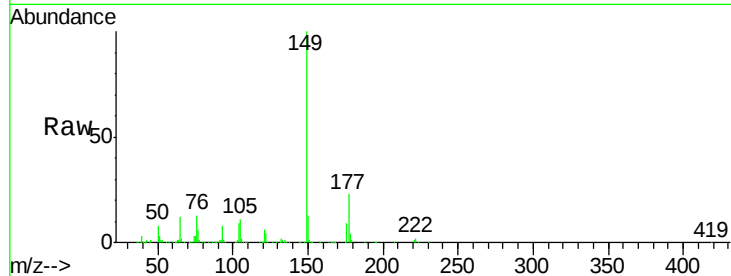
Tgt Ion:149 Resp: 592764

Ion Ratio Lower Upper

149 100

177 23.3 18.6 27.8

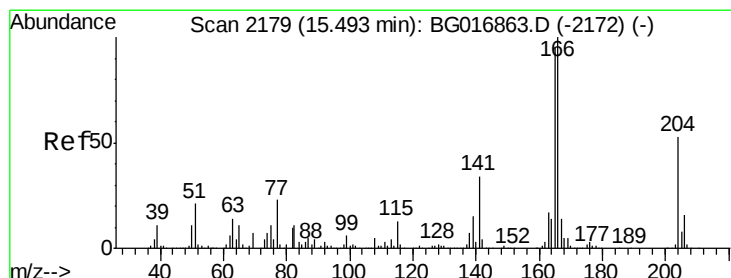
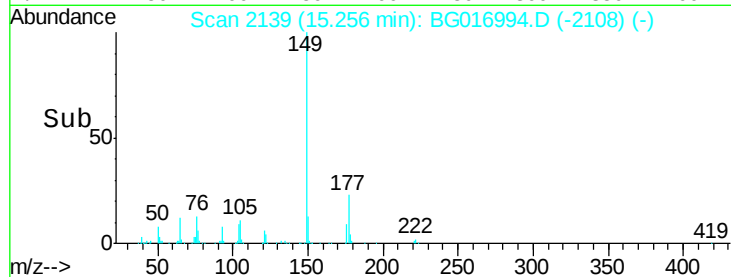
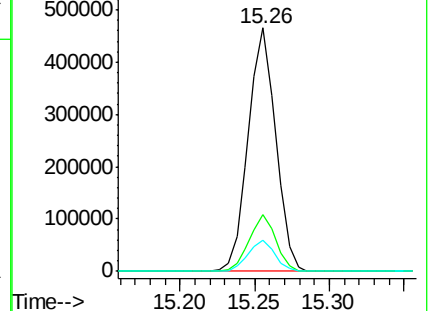
150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.97 ng

RT: 15.47 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

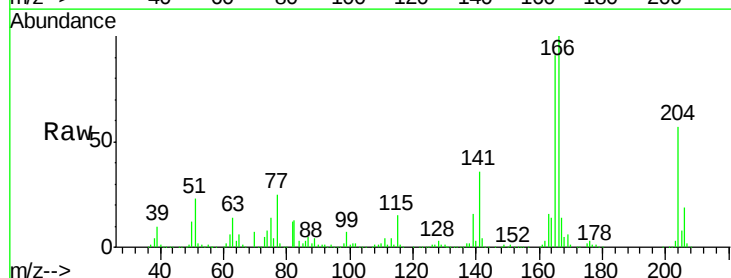
Tgt Ion:204 Resp: 275374

Ion Ratio Lower Upper

204 100

206 33.9 24.8 37.2

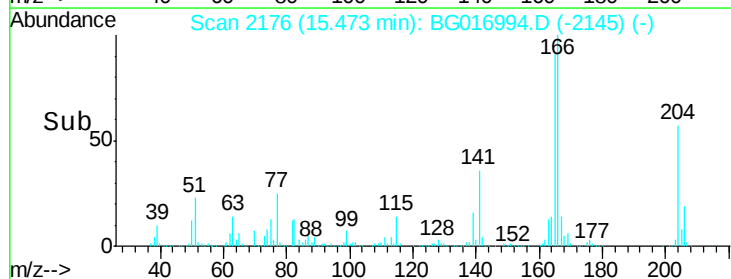
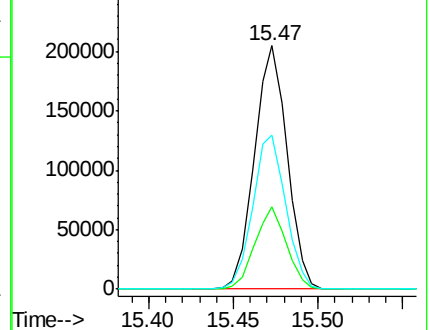
141 63.2 52.4 78.6

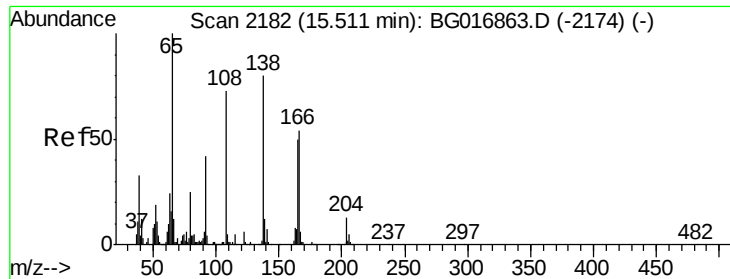


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.97 ng

RT: 15.50 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

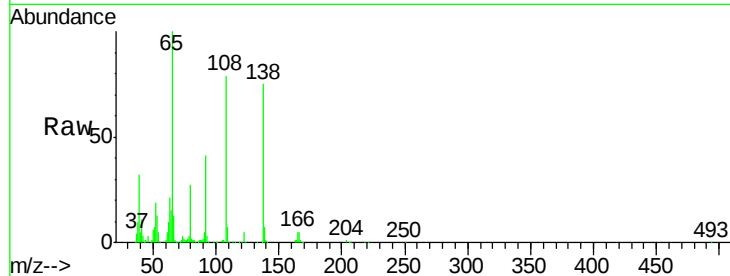
Tgt Ion:138 Resp: 168170

Ion Ratio Lower Upper

138 100

92 55.4 31.8 71.8

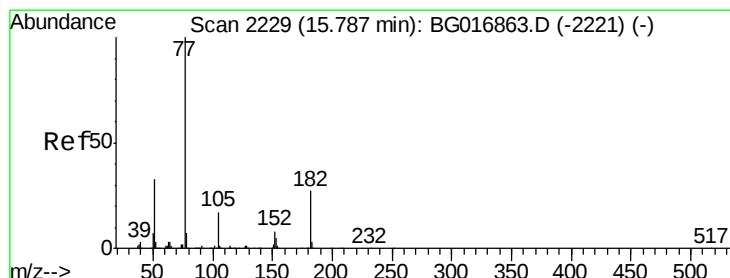
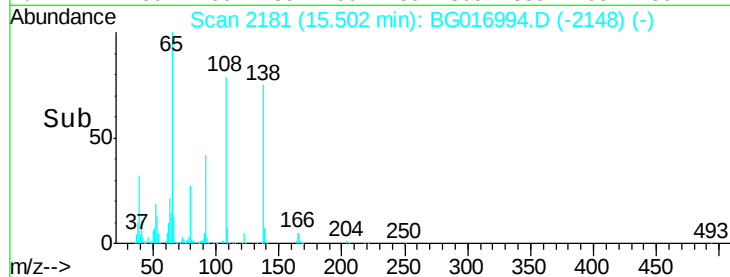
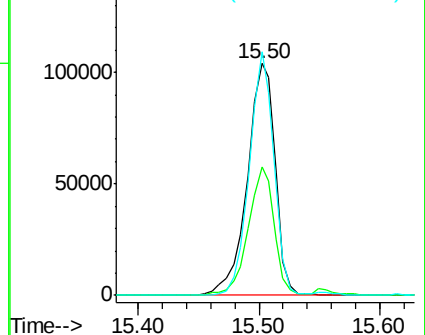
108 105.2 70.6 110.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.57 ng

RT: 15.77 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Tgt Ion: 77 Resp: 639760

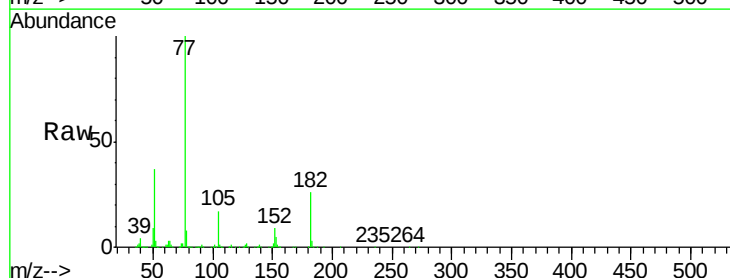
Ion Ratio Lower Upper

77 100

182 26.5 7.4 47.4

105 16.9 0.0 36.6

51 37.1 13.4 53.4

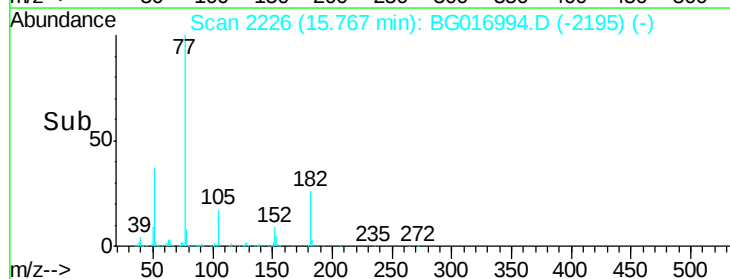
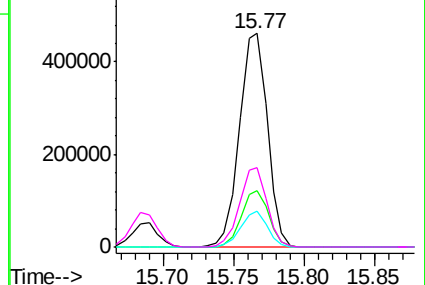


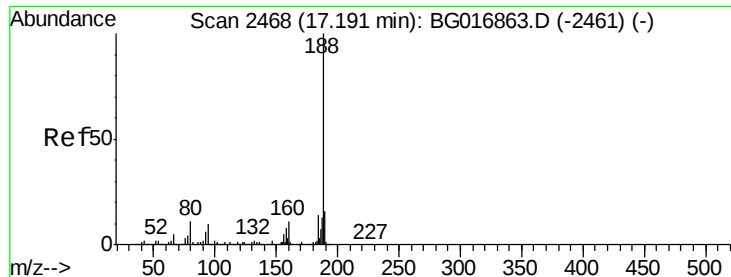
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

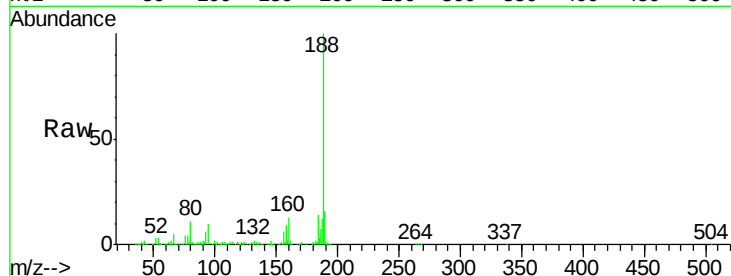
Tgt Ion:188 Resp: 389960

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

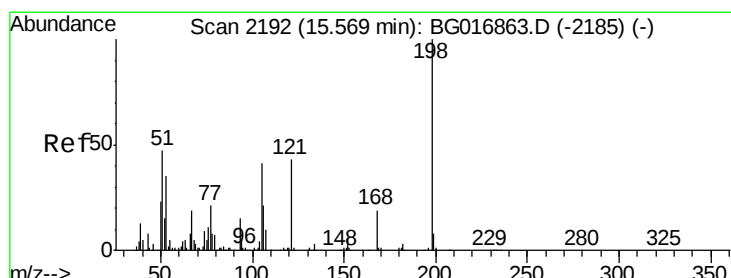
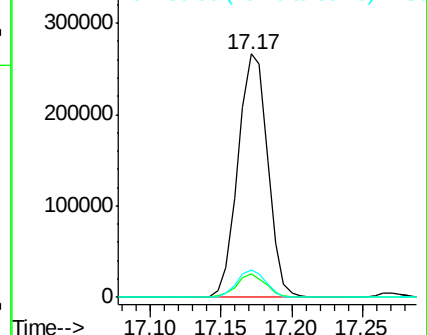
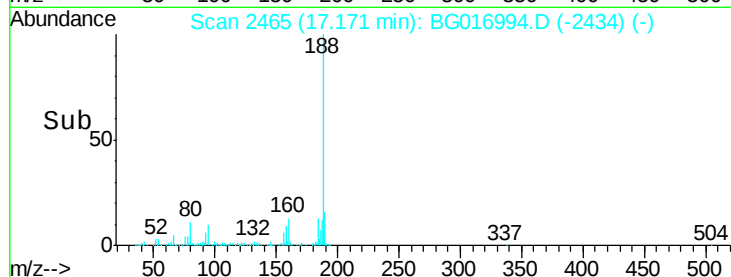
80 11.3 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG016994.D (-2434) (-)

Ion 80.00 (79.70 to 80.70): BG016994.D (-2434) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 53.96 ng

RT: 15.56 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

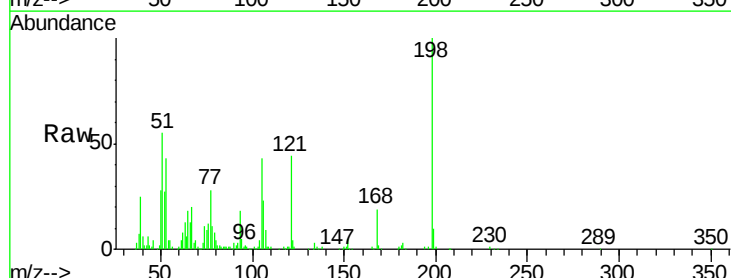
Tgt Ion:198 Resp: 104337

Ion Ratio Lower Upper

198 100

51 54.6 31.2 71.2

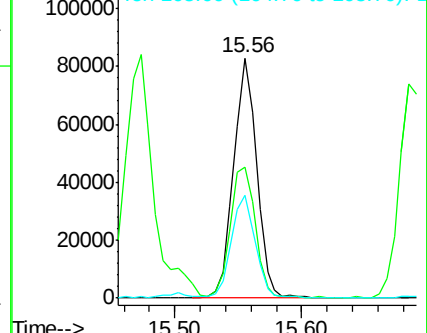
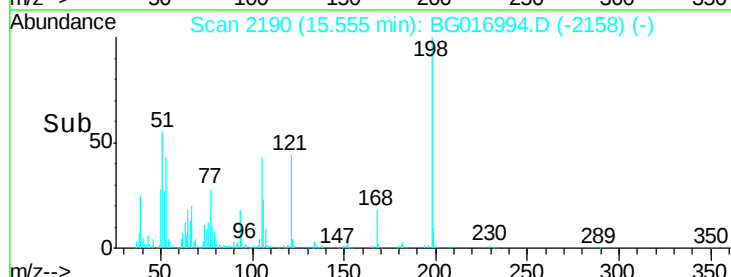
105 42.8 22.0 62.0

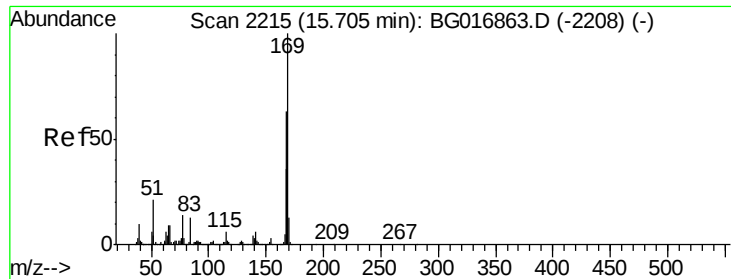


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG016994.D (-2158) (-)

Ion 105.00 (104.70 to 105.70): BG016994.D (-2158) (-)

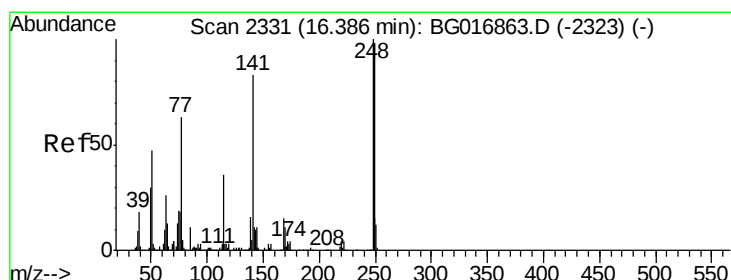
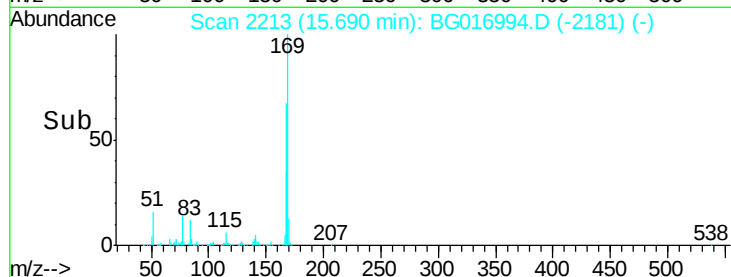
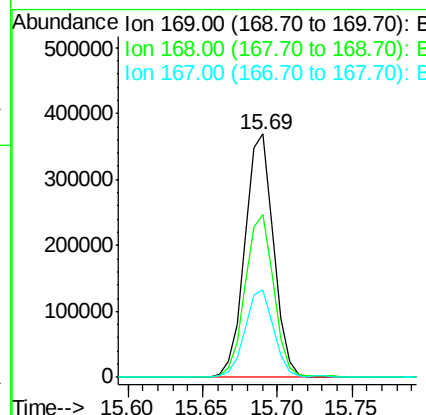
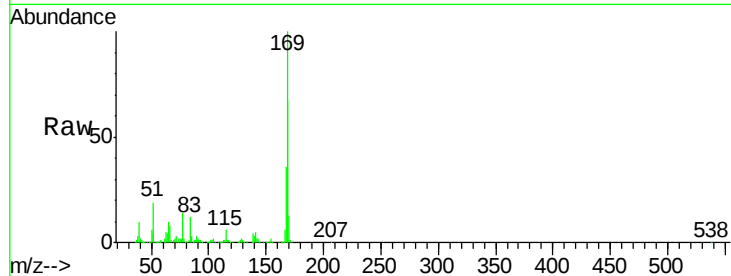




#65
 n-Nitrosodiphenylamine
 Concen: 41.04 ng
 RT: 15.69 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

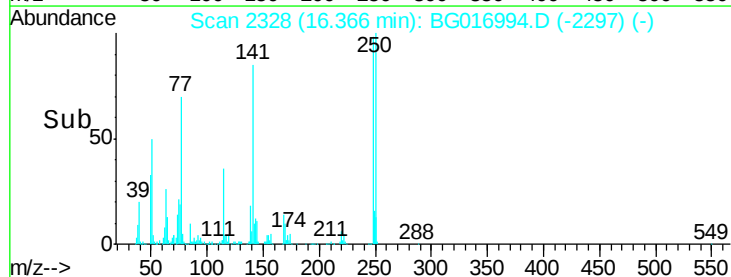
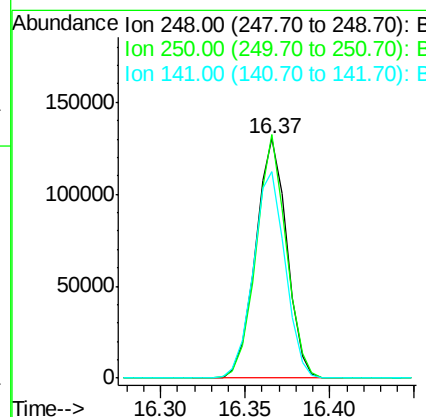
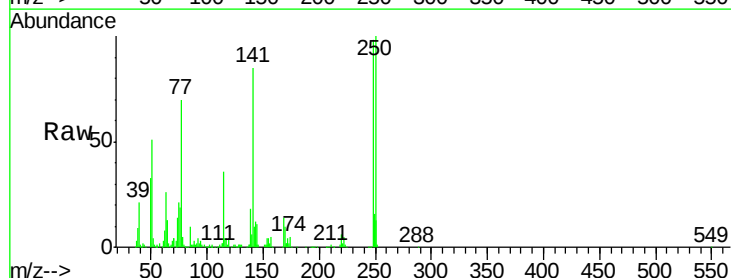
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Tgt Ion:169 Resp: 488526
 Ion Ratio Lower Upper
 169 100
 168 67.2 50.6 76.0
 167 35.7 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 42.85 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:248 Resp: 167732
 Ion Ratio Lower Upper
 248 100
 250 101.8 78.6 117.8
 141 86.5 66.3 99.5

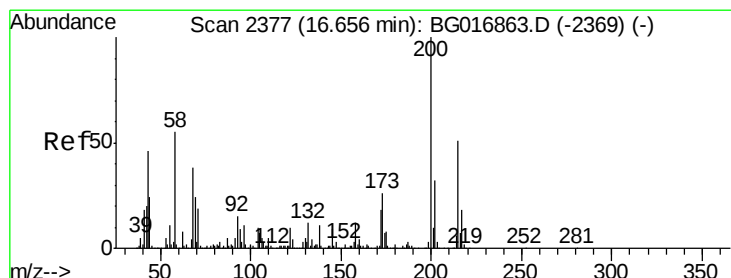
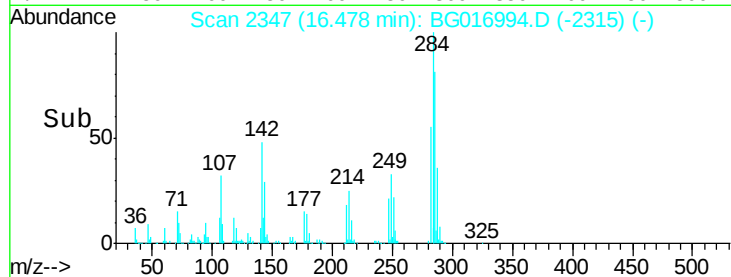
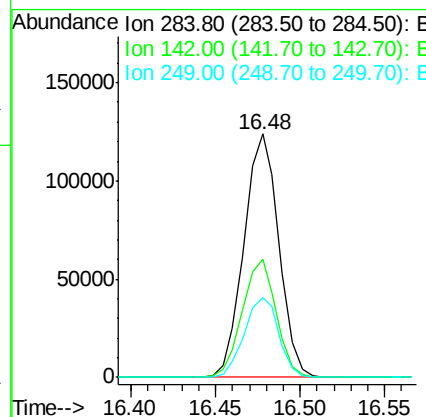
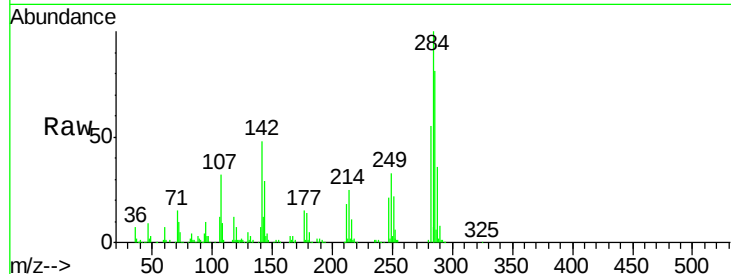




#67
Hexachlorobenzene
Concen: 42.98 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

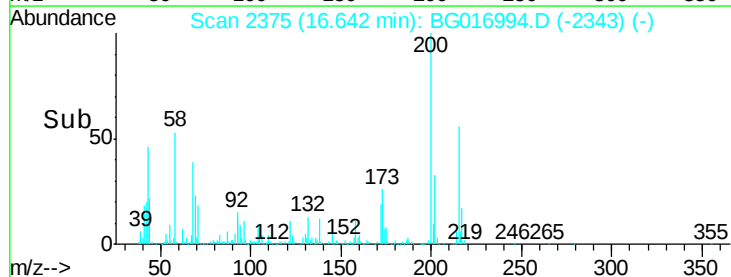
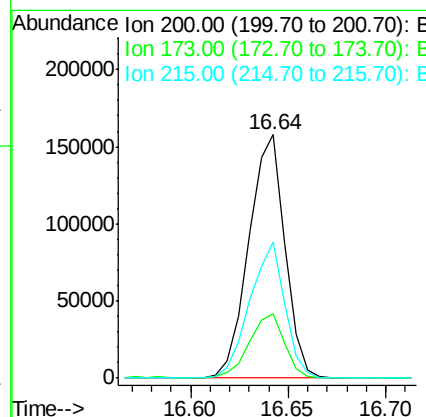
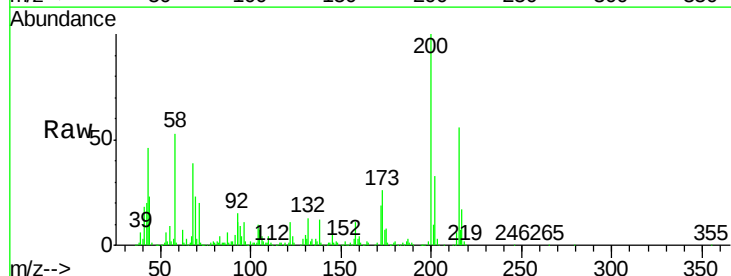
Instrument :
BNA_G
ClientSampleId :
PB83287BS

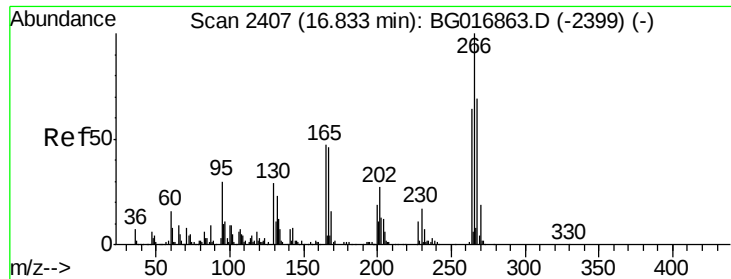
Tgt Ion	Ratio	Lower	Upper
284	100		
142	48.5	37.4	56.0
249	32.7	25.5	38.3



#68
Atrazine
Concen: 47.00 ng
RT: 16.64 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.1	46.1
215	56.0	30.8	70.8

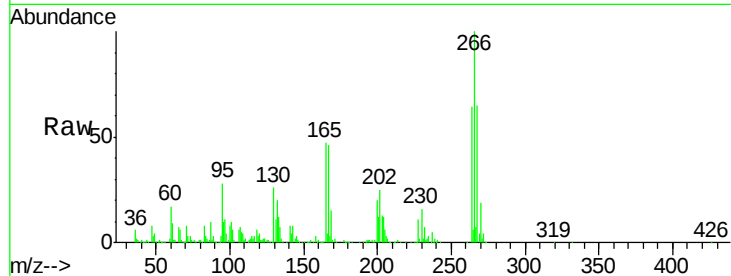




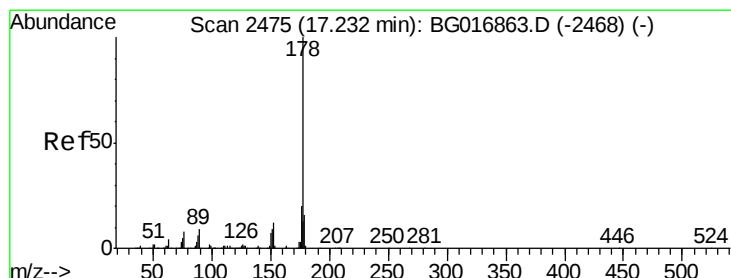
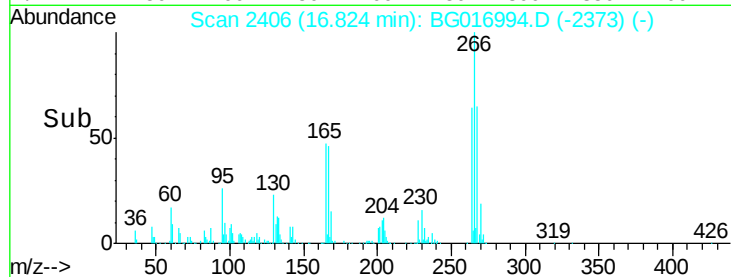
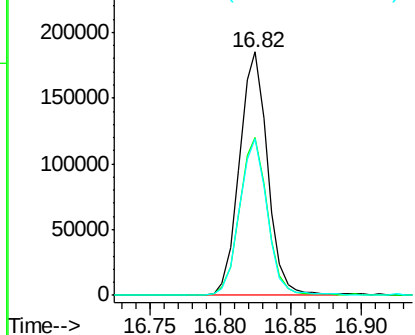
#69
 Pentachlorophenol
 Concen: 96.23 ng
 RT: 16.82 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Tgt Ion:266 Resp: 257887
 Ion Ratio Lower Upper
 266 100
 268 64.8 55.2 82.8
 264 64.1 51.4 77.0

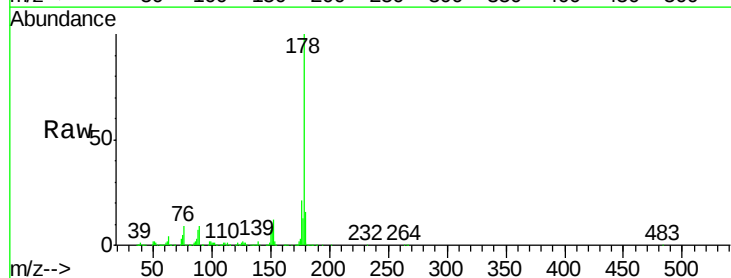


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

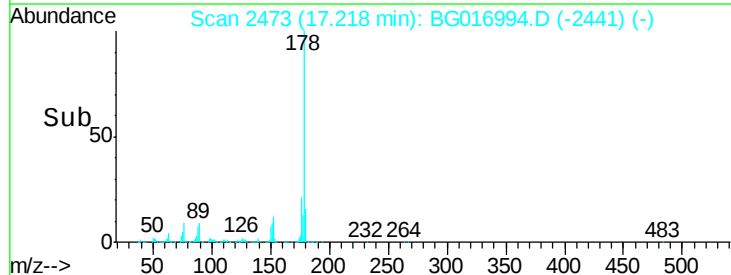
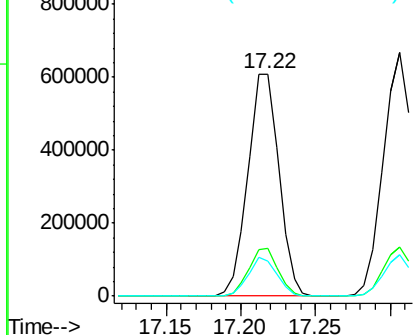


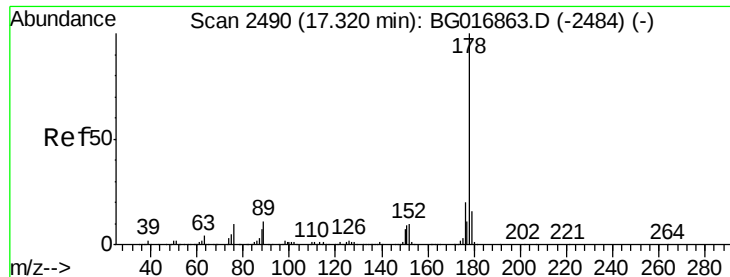
#70
 Phenanthrene
 Concen: 43.59 ng
 RT: 17.22 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:178 Resp: 874813
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.0 24.0
 179 15.8 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

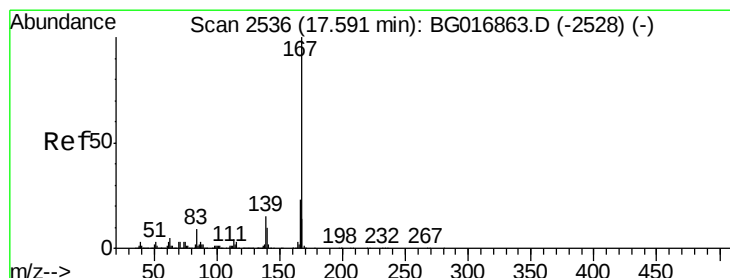
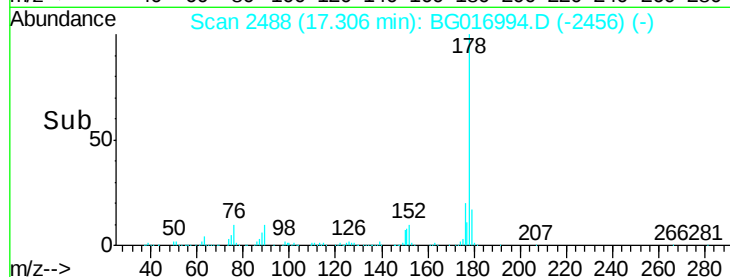
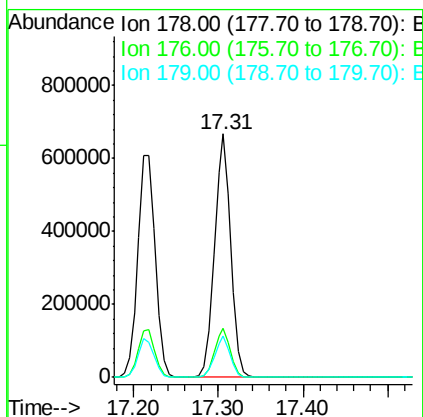
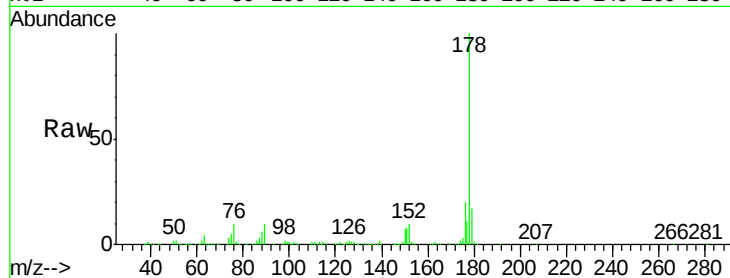




#71
 Anthracene
 Concen: 44.70 ng
 RT: 17.31 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

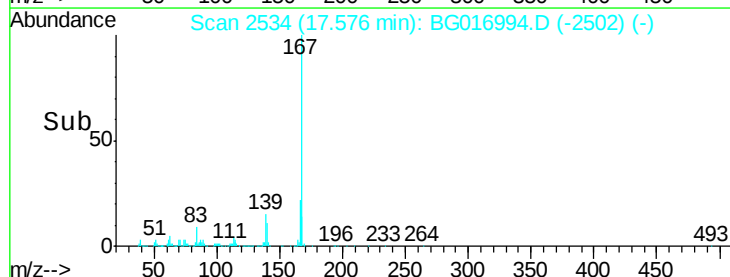
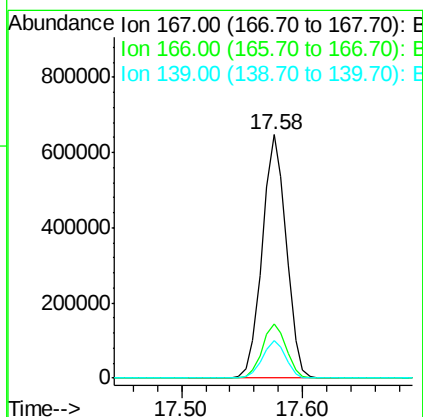
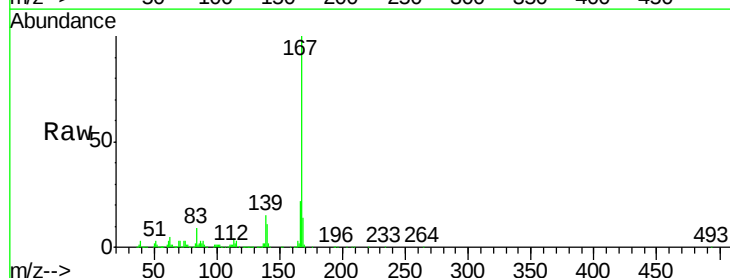
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

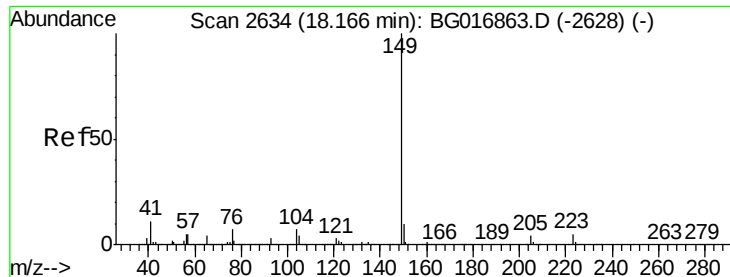
Tgt Ion:178 Resp: 904956
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 17.0 13.1 19.7



#72
 Carbazole
 Concen: 46.30 ng
 RT: 17.58 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:167 Resp: 891055
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 15.4 12.2 18.4





#73

Di-n-butylphthalate

Concen: 46.73 ng

RT: 18.14 min Scan# 2630

Delta R.T. -0.03 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

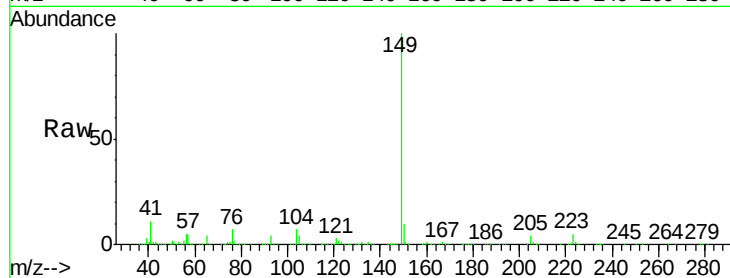
Tgt Ion:149 Resp: 1166006

Ion Ratio Lower Upper

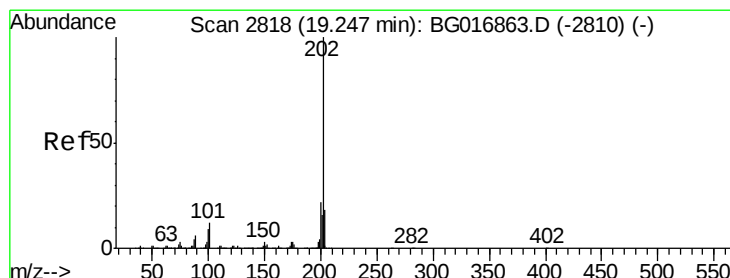
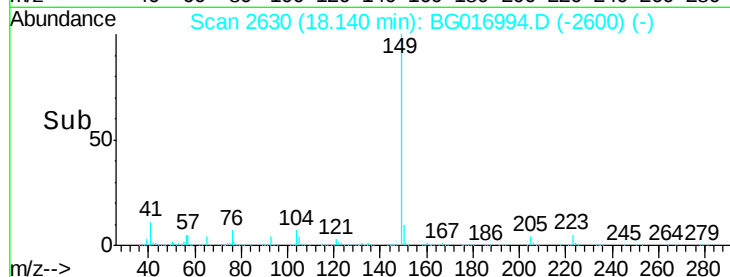
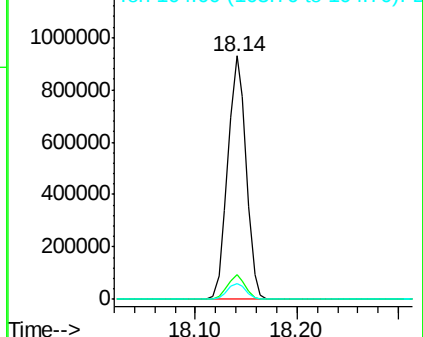
149 100

150 10.0 7.7 11.5

104 6.6 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.59 ng

RT: 19.23 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

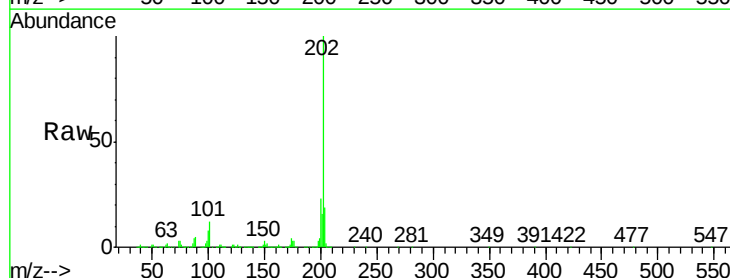
Tgt Ion:202 Resp: 1084817

Ion Ratio Lower Upper

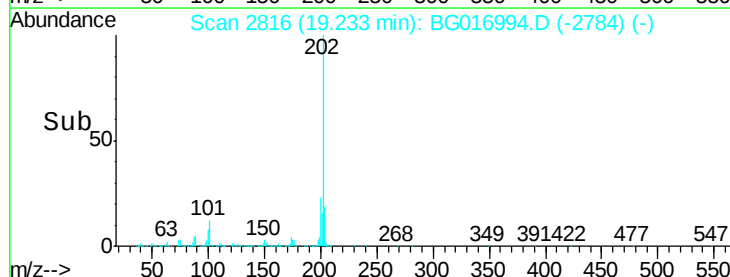
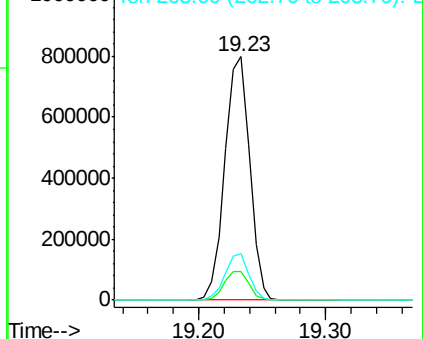
202 100

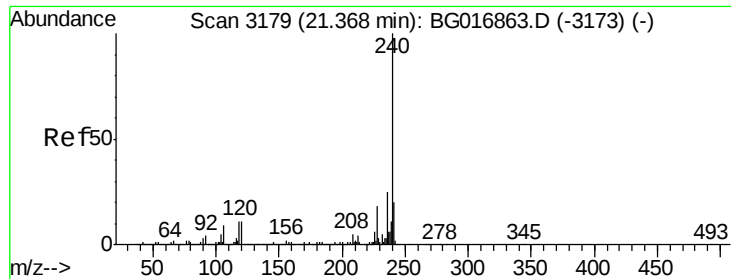
101 11.9 0.0 31.5

203 19.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

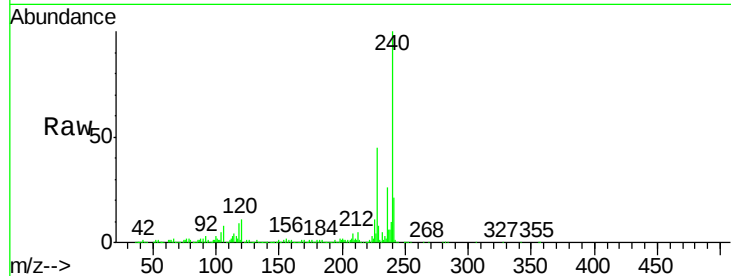
Tgt Ion:240 Resp: 415421

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

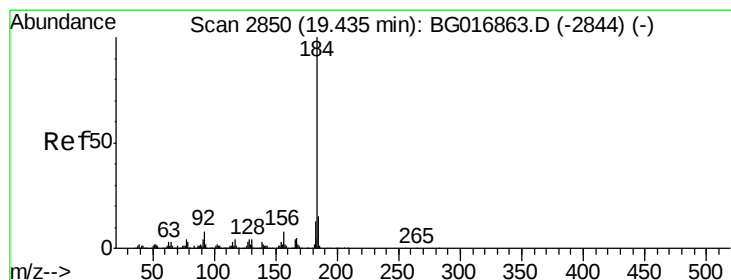
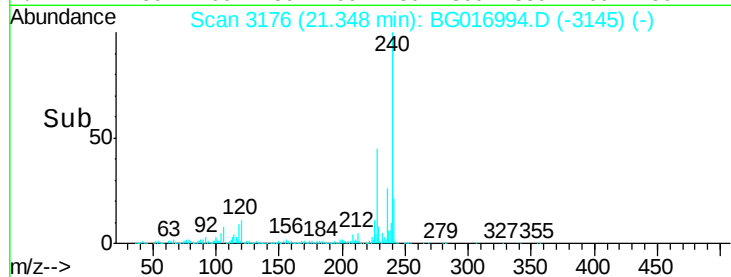
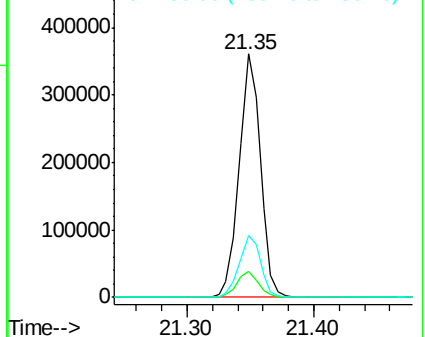
236 25.5 20.2 30.4



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: 27.10 ng

RT: 19.42 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

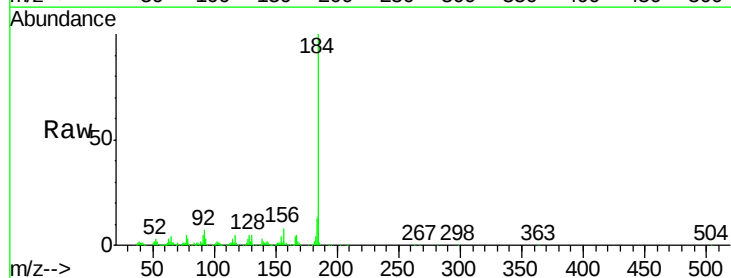
Tgt Ion:184 Resp: 382489

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

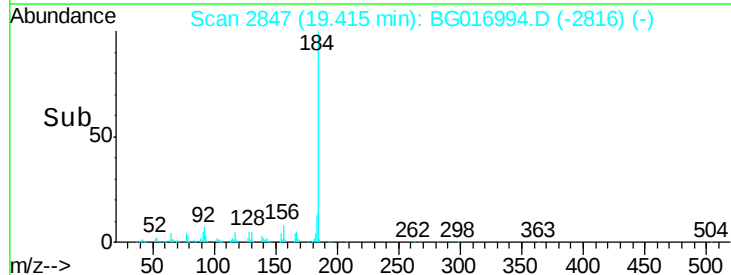
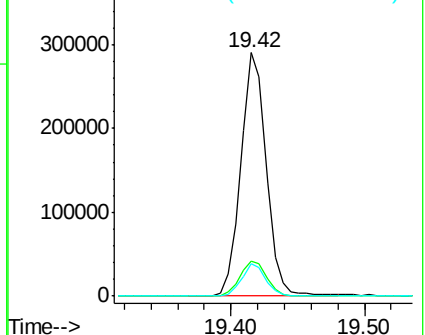
183 13.1 10.6 15.8

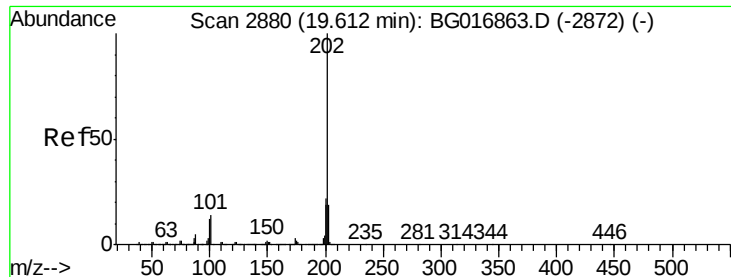


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.47 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

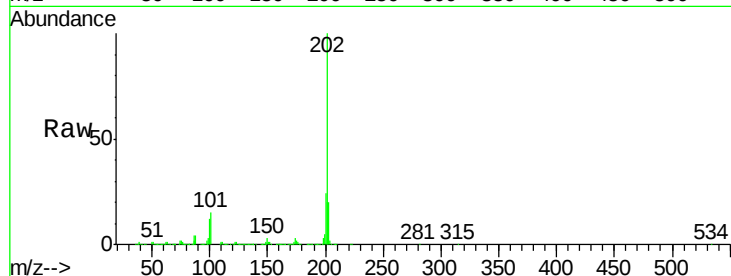
Tgt Ion:202 Resp: 1114897

Ion Ratio Lower Upper

202 100

200 23.6 17.9 26.9

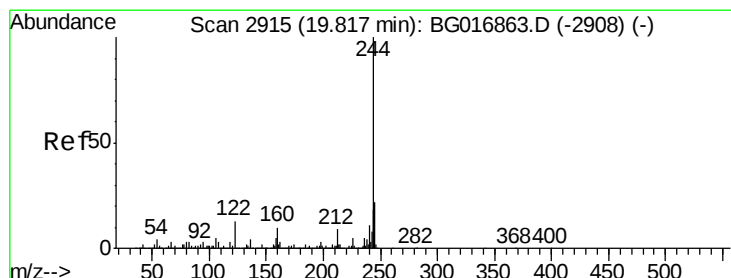
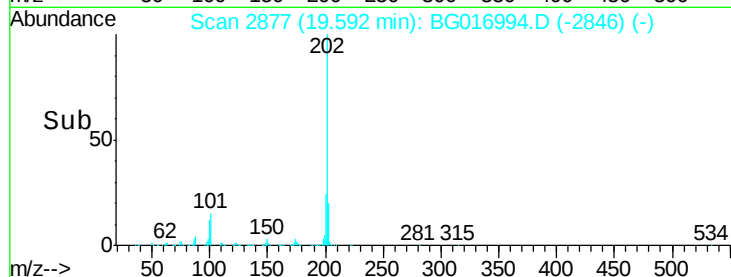
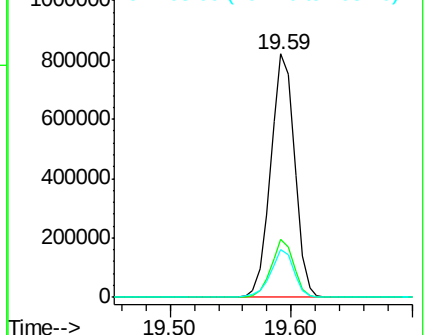
203 19.5 15.2 22.8



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: 111.60 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

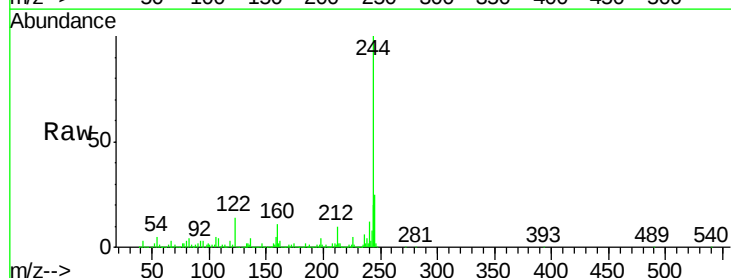
Tgt Ion:244 Resp: 1977684

Ion Ratio Lower Upper

244 100

212 10.1 7.0 10.6

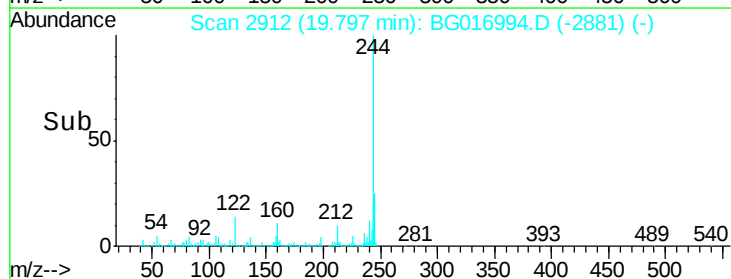
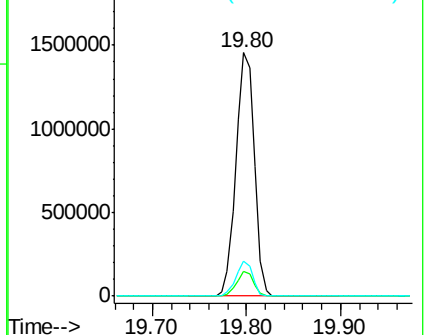
122 14.5 10.4 15.6

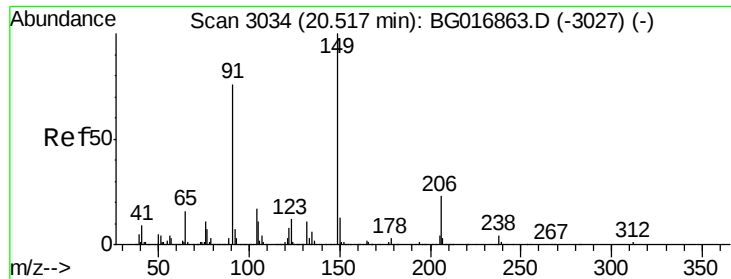


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

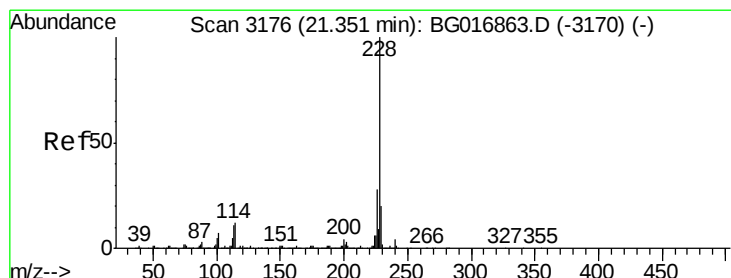
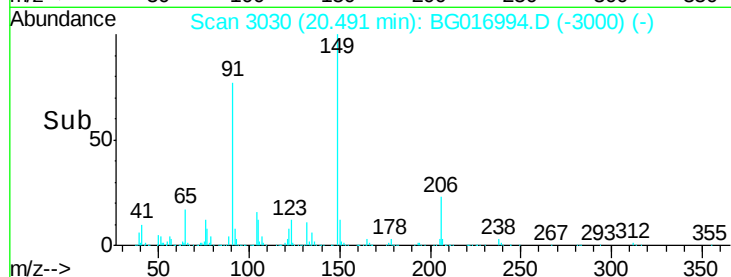
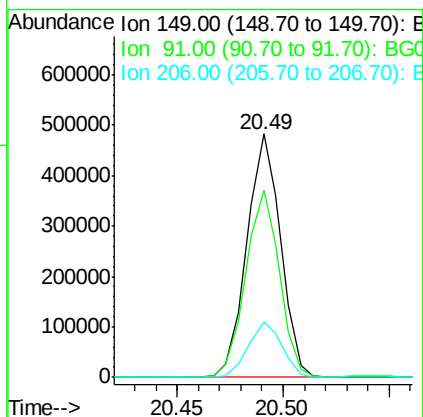
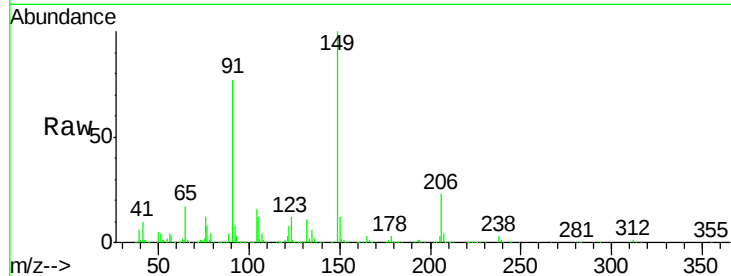




#79
Butylbenzylphthalate
Concen: 45.94 ng
RT: 20.49 min Scan# 3030
Delta R.T. -0.03 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

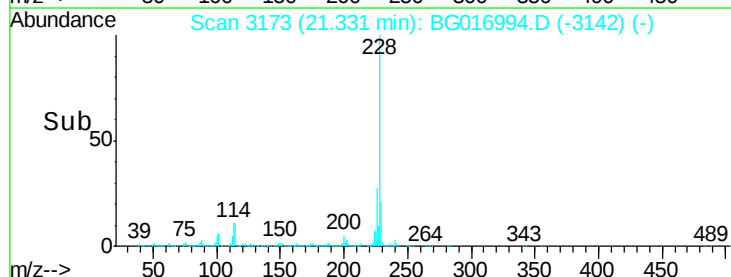
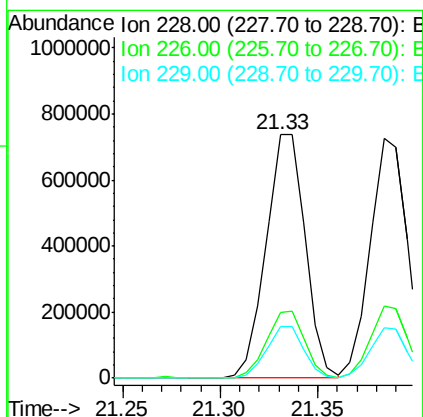
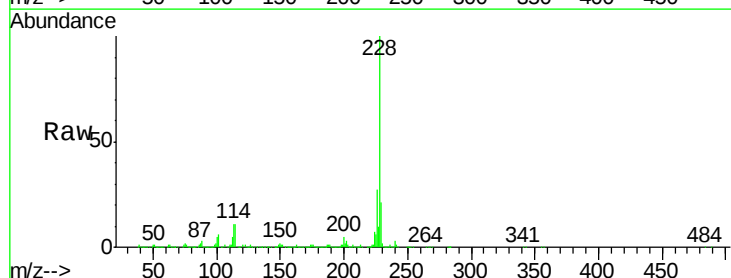
Instrument :
BNA_G
ClientSampleId :
PB83287BS

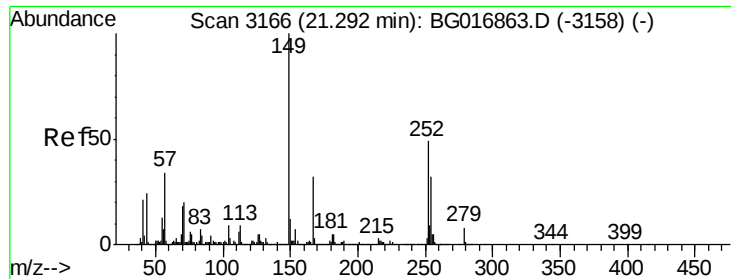
Tgt Ion:149 Resp: 535294
Ion Ratio Lower Upper
149 100
91 77.1 60.6 91.0
206 22.6 18.4 27.6



#80
Benzo(a)anthracene
Concen: 46.05 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:228 Resp: 1026328
Ion Ratio Lower Upper
228 100
226 27.0 22.7 34.1
229 21.0 16.1 24.1

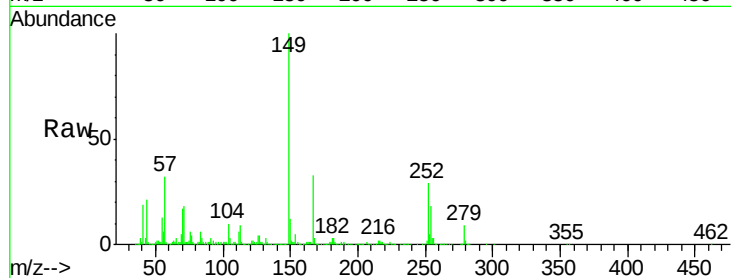




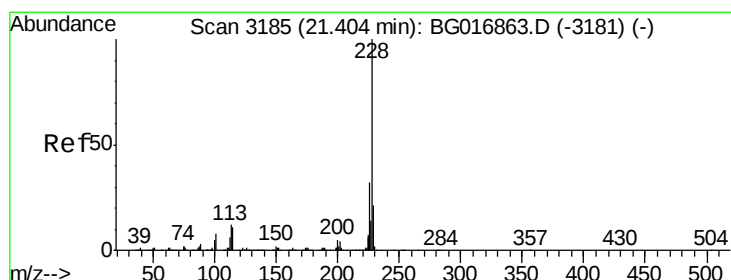
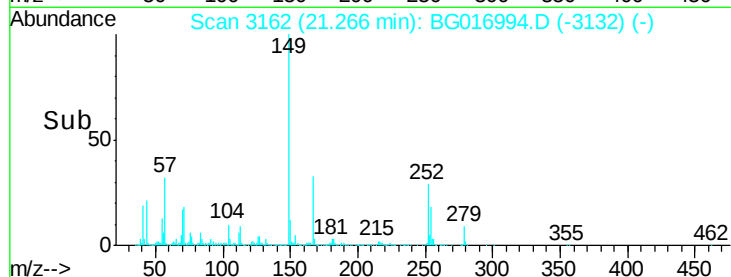
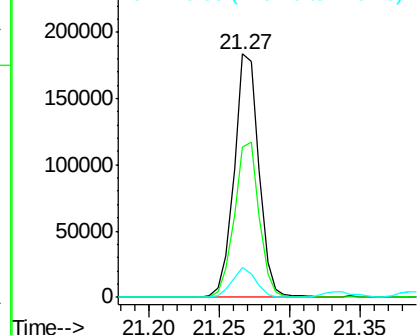
#81
 3,3'-Dichlorobenzidine
 Concen: 25.79 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.03 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.7	77.5
126	12.3	8.9	13.3

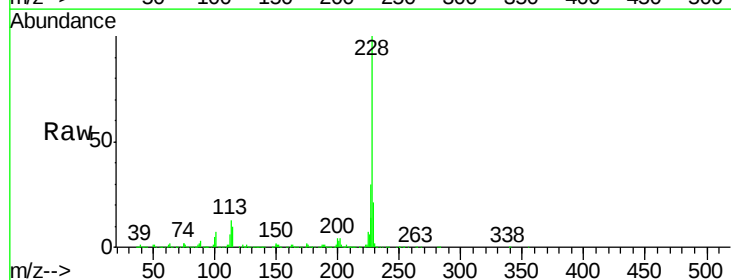


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

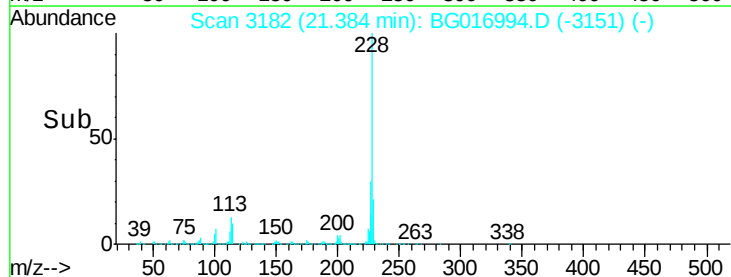
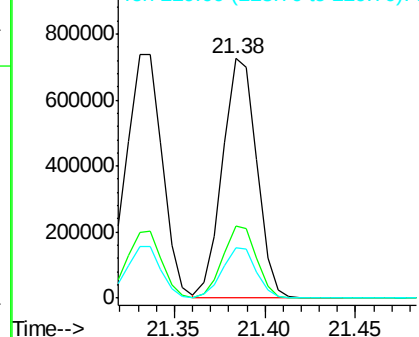


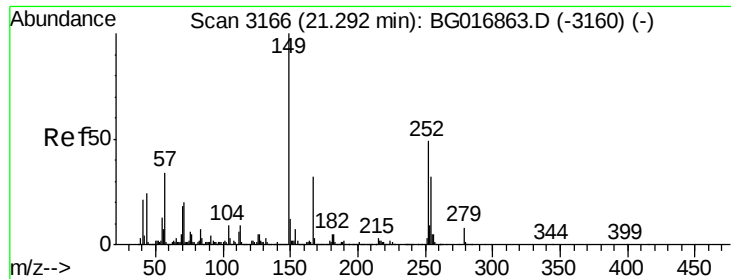
#82
 Chrysene
 Concen: 45.66 ng
 RT: 21.38 min Scan# 3182
 Delta R.T. -0.02 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	21.0	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: 44.43 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.03 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

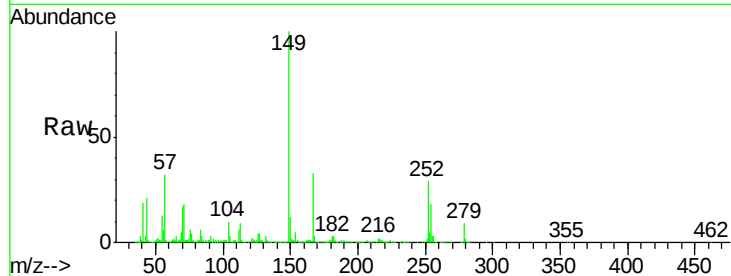
Tgt Ion:149 Resp: 708244

Ion Ratio Lower Upper

149 100

167 32.9 25.4 38.0

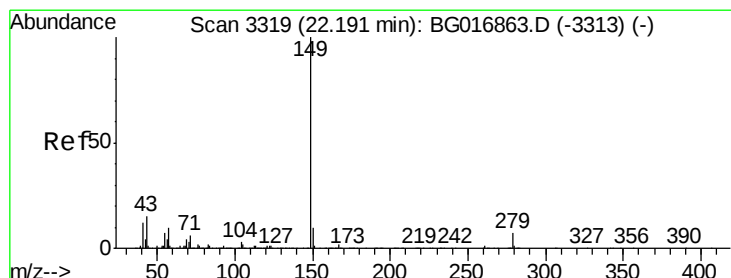
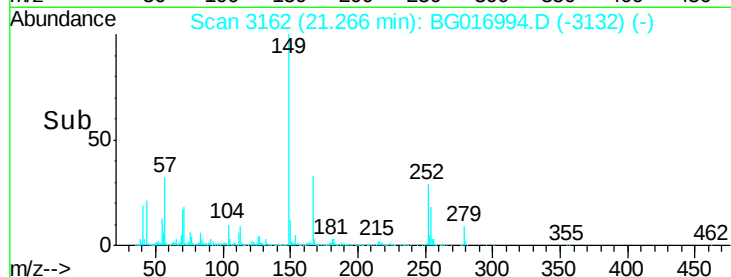
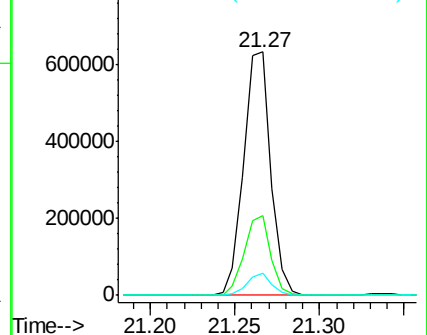
279 9.0 6.4 9.6



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: 44.55 ng

RT: 22.15 min Scan# 3313

Delta R.T. -0.04 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

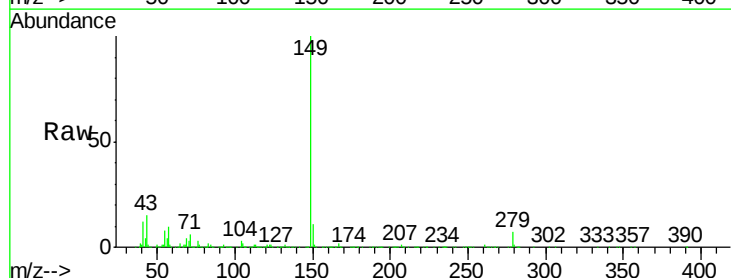
Tgt Ion:149 Resp: 1192839

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

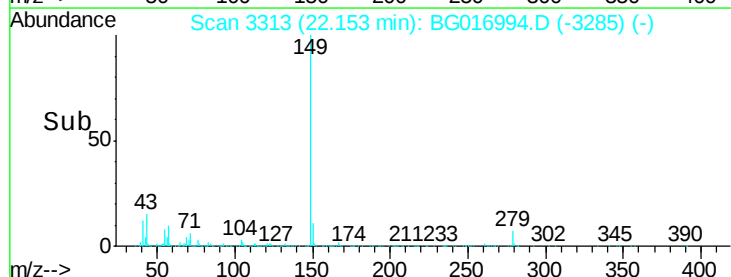
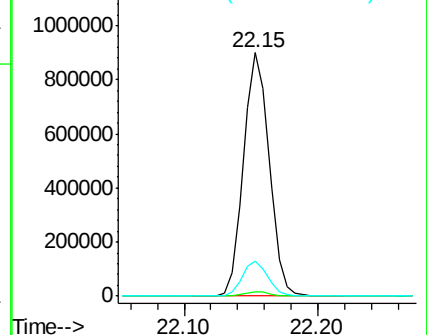
43 13.9 0.0 0.0#

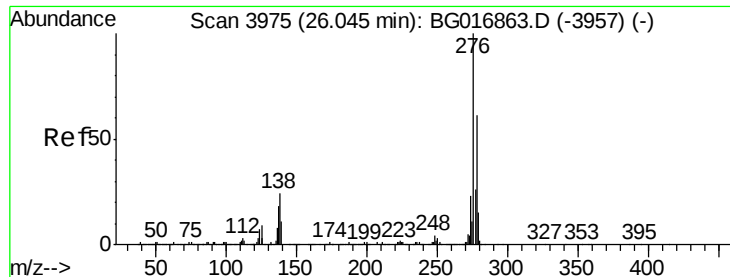


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

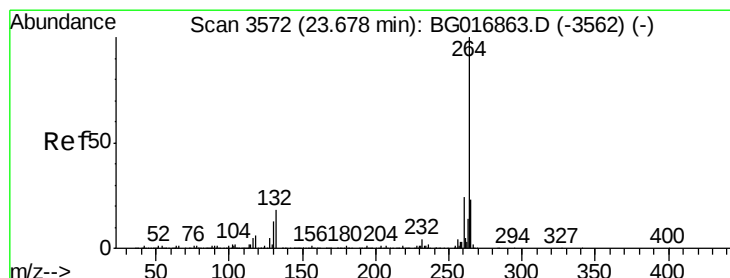
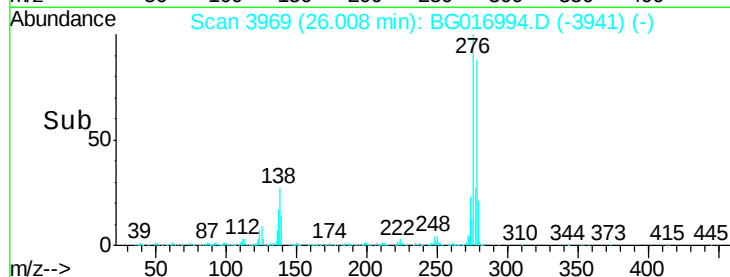
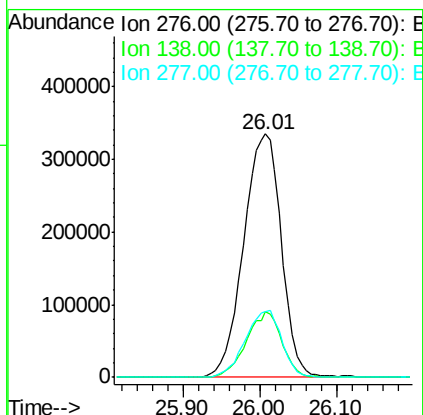
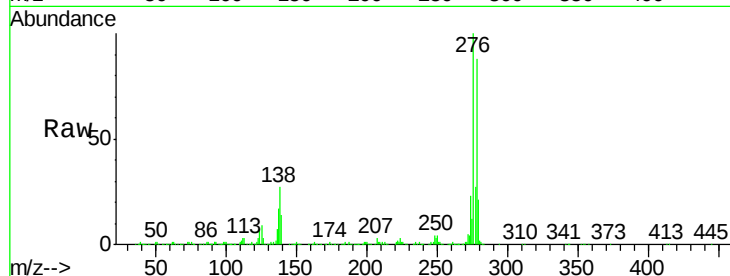




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.98 ng
 RT: 26.01 min Scan# 3969
 Delta R.T. -0.04 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

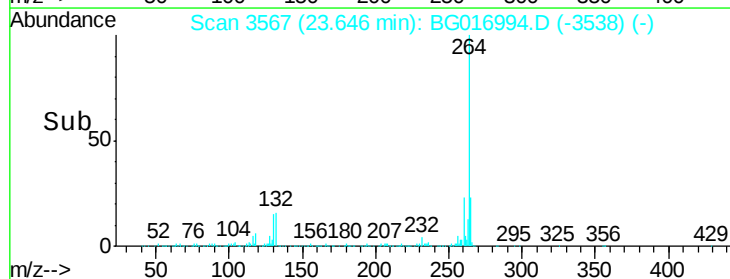
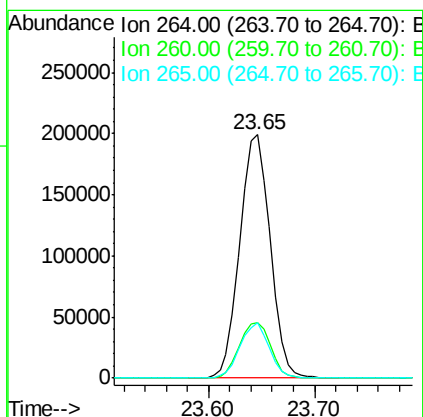
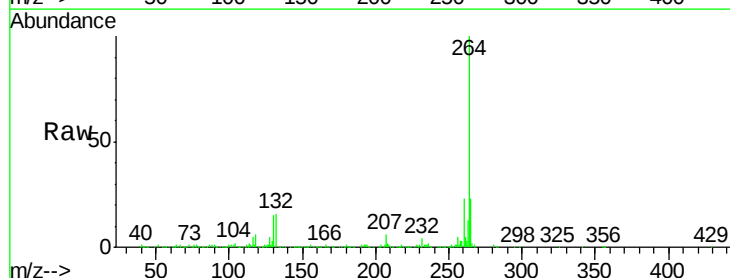
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BS

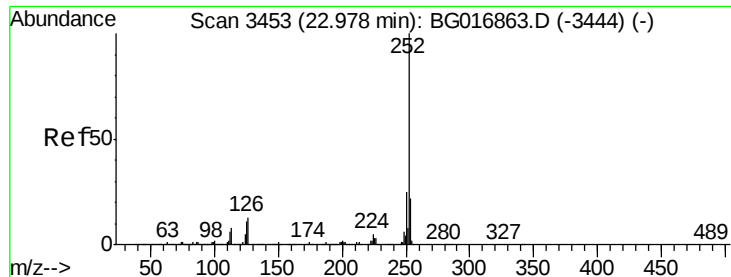
Tgt Ion:276 Resp: 1143710
 Ion Ratio Lower Upper
 276 100
 138 25.4 0.0 0.0#
 277 26.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3567
 Delta R.T. -0.03 min
 Lab File: BG016994.D
 Acq: 9 May 2015 18:03

Tgt Ion:264 Resp: 399411
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 22.8 18.5 27.7

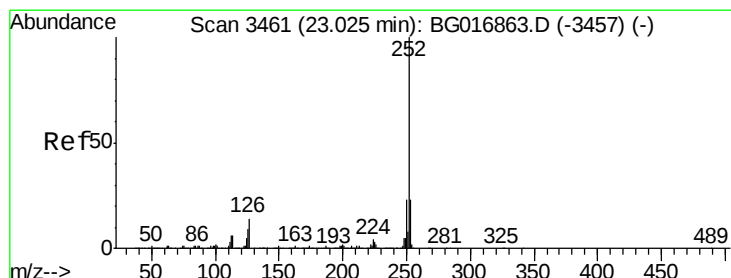
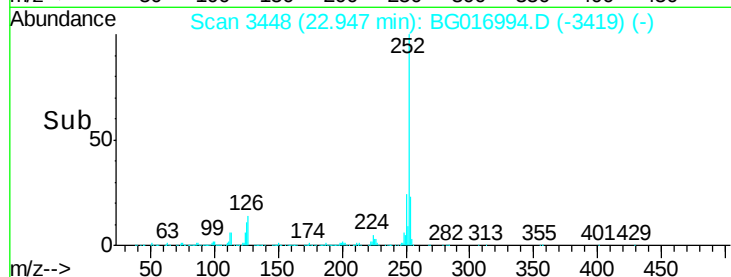
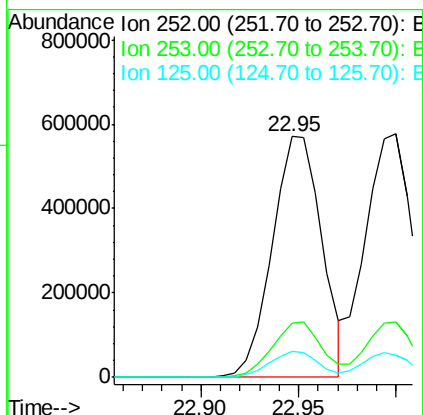
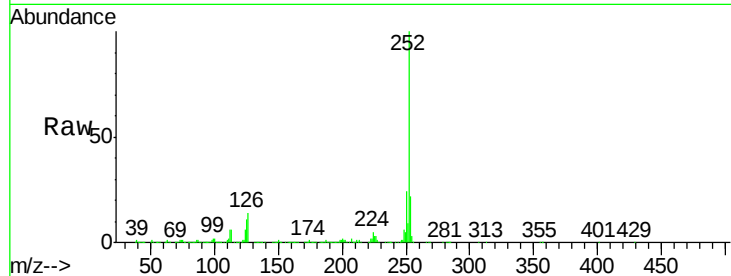




#87
Benzo(b)fluoranthene
Concen: 45.07 ng
RT: 22.95 min Scan# 3448
Delta R.T. -0.03 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

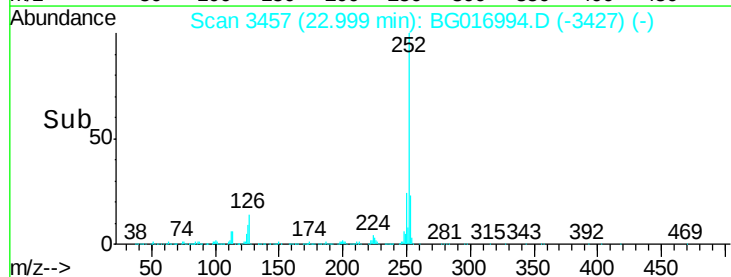
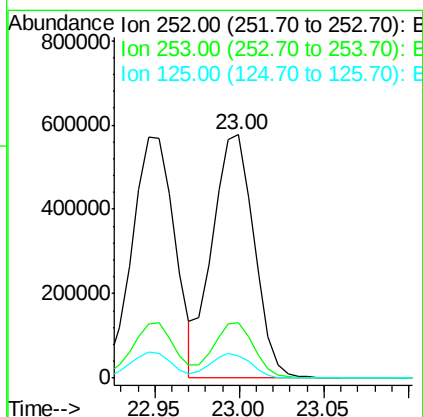
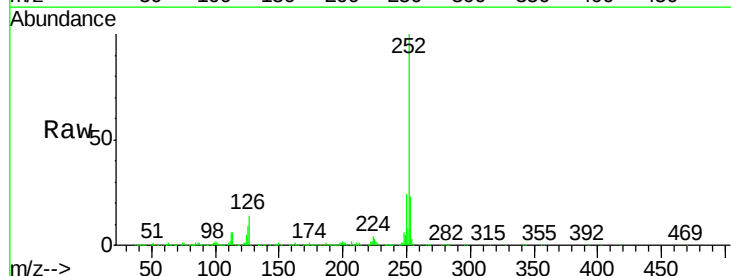
Instrument :
BNA_G
ClientSampleId :
PB83287BS

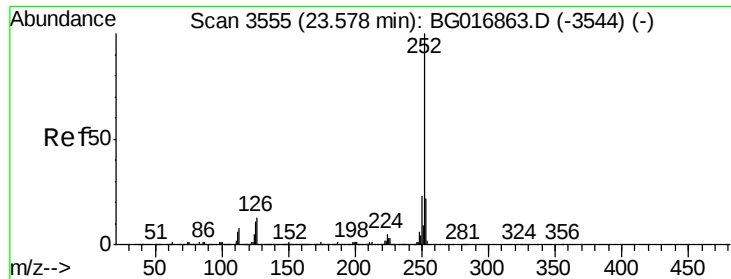
Tgt Ion:252 Resp: 1002760
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 46.28 ng
RT: 23.00 min Scan# 3457
Delta R.T. -0.03 min
Lab File: BG016994.D
Acq: 9 May 2015 18:03

Tgt Ion:252 Resp: 990740
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 9.4 7.9 11.9





#89

Benzo(a)pyrene

Concen: 47.35 ng

RT: 23.55 min Scan# 3550

Delta R.T. -0.03 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

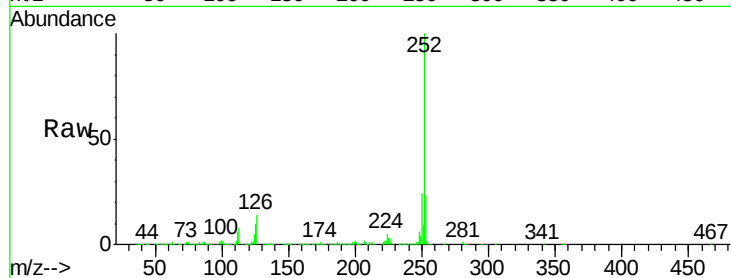
Tgt Ion:252 Resp: 982513

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

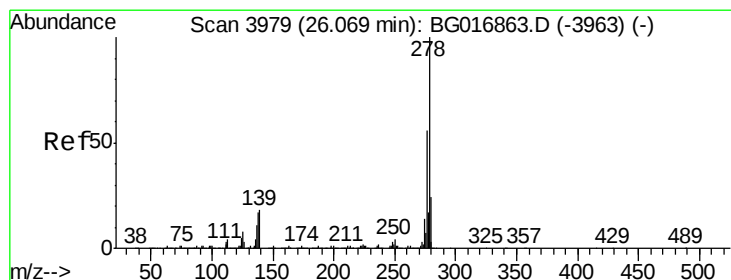
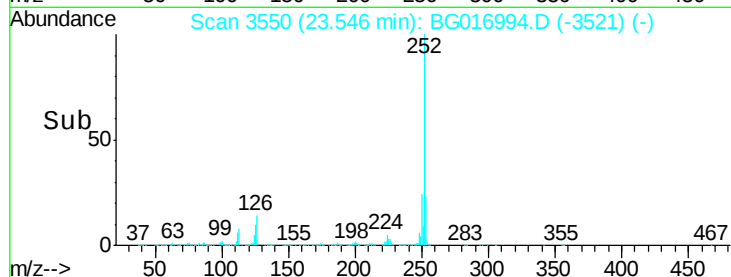
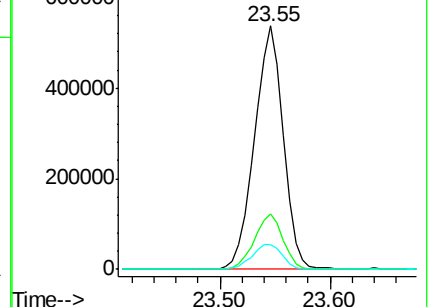
125 10.0 8.5 12.7



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: 45.55 ng

RT: 26.02 min Scan# 3971

Delta R.T. -0.05 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

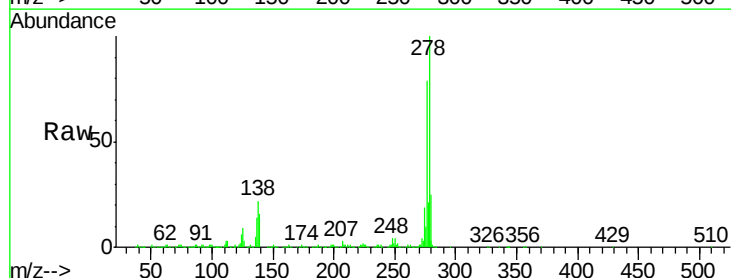
Tgt Ion:278 Resp: 965429

Ion Ratio Lower Upper

278 100

139 16.2 14.2 21.2

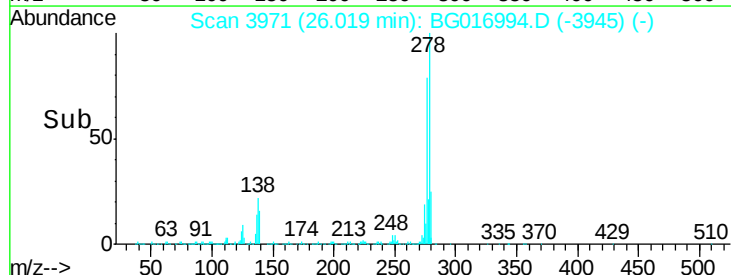
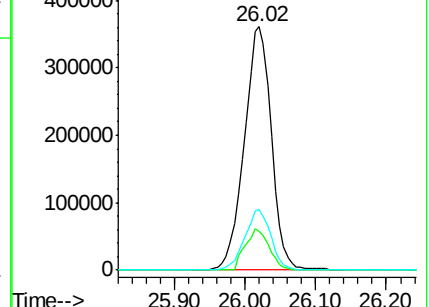
279 24.9 18.9 28.3

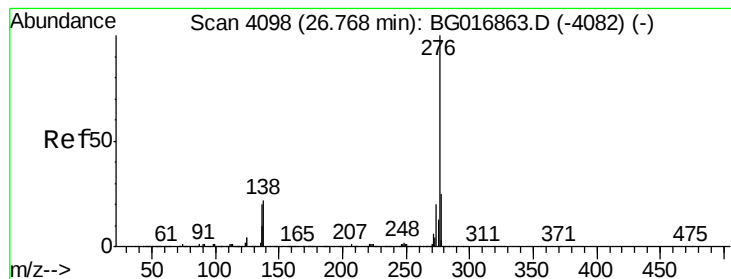


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.34 ng

RT: 26.73 min Scan# 4092

Delta R.T. -0.04 min

Lab File: BG016994.D

Acq: 9 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB83287BS

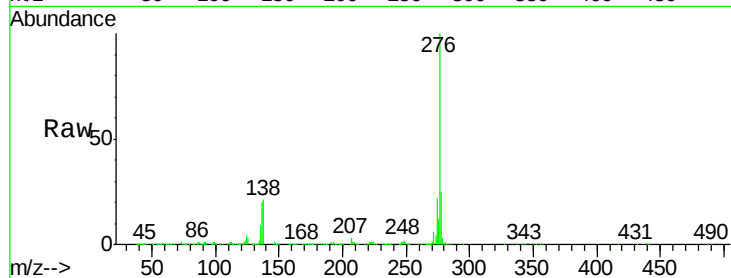
Tgt Ion: 276 Resp: 935161

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 20.7 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

