

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017254.D
 Acq On : 22 May 2015 20:06
 Operator : TP/IZ
 Sample : PB83561BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Quant Time: May 23 01:00:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32380	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	128379	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	79556	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	172943	20.00	ng	0.00
75) Chrysene-d12	21.27	240	202618	20.00	ng	0.00
86) Perylene-d12	23.52	264	197876	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	243579	133.47	ng	0.00
7) Phenol-d6	6.89	99	318528	124.37	ng	0.00
23) Nitrobenzene-d5	8.85	82	210933	76.71	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	118377	123.09	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	427923	78.93	ng	0.00
78) Terphenyl-d14	19.72	244	739519	76.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	25182	34.97	ng	96
3) Pyridine	3.55	79	79718	36.59	ng	91
4) n-Nitrosodimethylamine	3.47	42	56281	34.04	ng	# 99
6) Aniline	7.01	93	87510	24.70	ng	94
8) 2-Chlorophenol	7.26	128	86108	39.44	ng	95
9) Benzaldehyde	6.82	77	15595	7.37	ng	90
10) Phenol	6.91	94	107447	39.56	ng	96
11) bis(2-Chloroethyl)ether	7.11	93	80122	39.34	ng	96
12) 1,3-Dichlorobenzene	7.57	146	89662	36.77	ng	98
13) 1,4-Dichlorobenzene	7.72	146	90065	36.59	ng	99
14) 1,2-Dichlorobenzene	8.03	146	85647	36.43	ng	94
15) Benzyl Alcohol	7.93	79	85580	34.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	136886	41.46	ng	99
17) 2-Methylphenol	8.15	107	74882	38.02	ng	91
18) Hexachloroethane	8.75	117	38492	37.44	ng	92
19) n-Nitroso-di-n-propylamine	8.49	70	76080	34.09	ng	94
20) 3+4-Methylphenols	8.48	107	99307	36.28	ng	96
22) Acetophenone	8.50	105	123732	39.71	ng	# 95
24) Nitrobenzene	8.89	77	107480	39.95	ng	96
25) Isophorone	9.40	82	189434	37.38	ng	97
26) 2-Nitrophenol	9.59	139	48446	40.28	ng	94
27) 2,4-Dimethylphenol	9.67	122	82904	41.88	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	102429	41.51	ng	95
29) 2,4-Dichlorophenol	10.14	162	81217	43.49	ng	92
30) 1,2,4-Trichlorobenzene	10.34	180	85001	40.12	ng	97
31) Naphthalene	10.53	128	254067	40.44	ng	98
32) Benzoic acid	9.82	122	42281	31.52	ng	87
33) 4-Chloroaniline	10.64	127	56939	19.16	ng	96
34) Hexachlorobutadiene	10.81	225	52537	39.17	ng	95
35) Caprolactam	11.45	113	14847	15.81	ng	97
36) 4-Chloro-3-methylphenol	11.80	107	96562	40.93	ng	98
37) 2-Methylnaphthalene	12.14	142	189736	38.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	91000	40.43	ng	97
40) Hexachlorocyclopentadiene	12.49	237	125705	91.56	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	63435	39.73	ng	100
43) 2,4,5-Trichlorophenol	12.85	196	69169	42.05	ng	98
45) 1,1'-Biphenyl	13.16	154	243215	42.45	ng	98
46) 2-Chloronaphthalene	13.21	162	182718	40.27	ng	99
47) 2-Nitroaniline	13.42	65	71450	40.48	ng	92
48) Acenaphthylene	14.06	152	310512	39.96	ng	98
49) Dimethylphthalate	13.80	163	243778	39.19	ng	99
50) 2,6-Dinitrotoluene	13.92	165	55040	39.93	ng	99
51) Acenaphthene	14.40	154	183207	39.92	ng	97
52) 3-Nitroaniline	14.25	138	38847	25.40	ng	99
53) 2,4-Dinitrophenol	14.46	184	67208	83.97	ng	93
54) Dibenzofuran	14.73	168	276342	40.50	ng	97
55) 4-Nitrophenol	14.60	139	103197	83.80	ng	92
56) 2,4-Dinitrotoluene	14.71	165	79806	41.51	ng	94
57) Fluorene	15.39	166	243590	40.33	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	63257	41.90	ng	99
59) Diethylphthalate	15.16	149	258457	38.68	ng	98
60) 4-Chlorophenyl-phenylether	15.38	204	124493	40.13	ng	97
61) 4-Nitroaniline	15.41	138	66197	38.80	ng	93
62) Azobenzene	15.67	77	275755	43.20	ng	94
64) 4,6-Dinitro-2-methylphenol	15.47	198	46363	39.11	ng	98
65) n-Nitrosodiphenylamine	15.60	169	213427	40.20	ng	98
66) 4-Bromophenyl-phenylether	16.28	248	76490	40.55	ng	95
67) Hexachlorobenzene	16.39	284	79619	40.00	ng	97
68) Atrazine	16.55	200	82996	42.73	ng	97
69) Pentachlorophenol	16.74	266	99777	80.30	ng	95
70) Phenanthrene	17.12	178	369135	41.39	ng	99
71) Anthracene	17.21	178	377618	41.78	ng	98
72) Carbazole	17.49	167	367131	44.21	ng	97
73) Di-n-butylphthalate	18.05	149	472787	42.55	ng	98
74) Fluoranthene	19.14	202	465667	43.48	ng	96
76) Benzidine	19.33	184	250233	37.83	ng	97
77) Pyrene	19.50	202	487415	39.21	ng	98
79) Butylbenzylphthalate	20.41	149	234547	41.50	ng	97
80) Benzo(a)anthracene	21.25	228	470355	40.51	ng	99
81) 3,3'-Dichlorobenzidine	21.19	252	113782	25.32	ng	92
82) Chrysene	21.30	228	441536	40.83	ng	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	328517	40.90	ng	100
84) Di-n-octyl phthalate	22.06	149	567268	42.41	ng	99
85) Indeno(1,2,3-cd)pyrene	25.81	276	528587	40.84	ng	97
87) Benzo(b)fluoranthene	22.84	252	473766	41.07	ng	# 97
88) Benzo(k)fluoranthene	22.88	252	472937	43.19	ng	98
89) Benzo(a)pyrene	23.42	252	455441	43.00	ng	# 97
90) Dibenzo(a,h)anthracene	25.83	278	438519	40.33	ng	97
91) Benzo(g,h,i)perylene	26.52	276	425758	41.60	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

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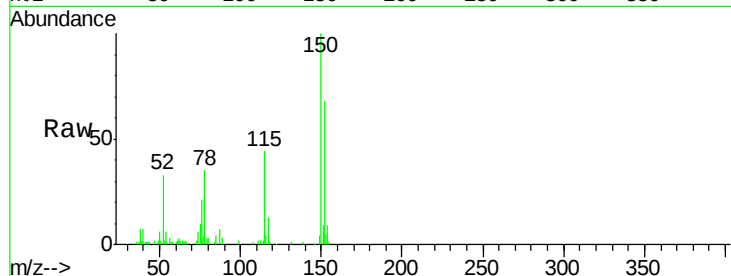
Tgt Ion:152 Resp: 32380

Ion Ratio Lower Upper

152 100

150 147.1 120.8 181.2

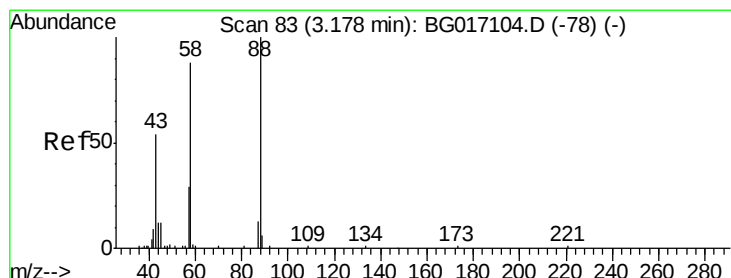
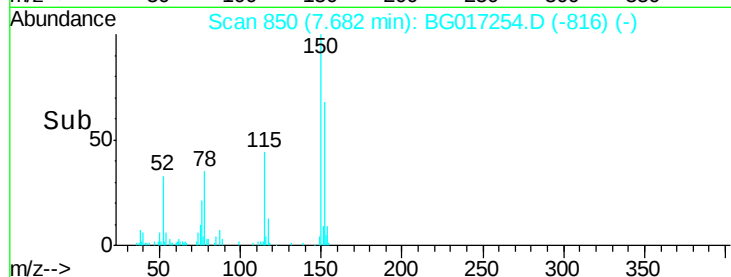
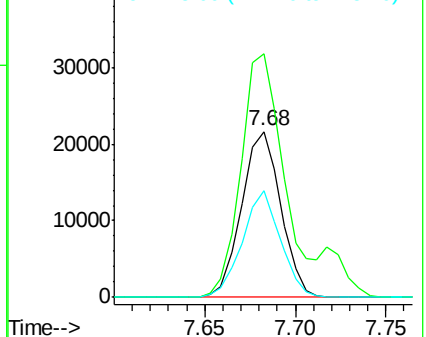
115 64.2 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.97 ng

RT: 3.15 min Scan# 78

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

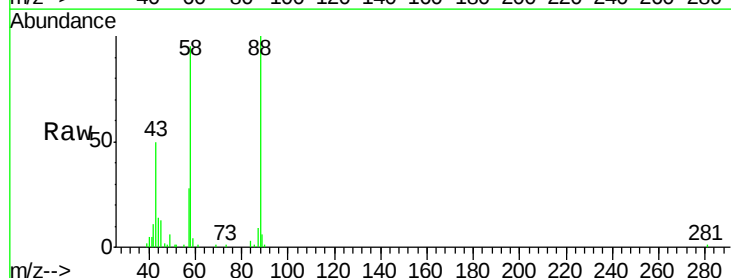
Tgt Ion: 88 Resp: 25182

Ion Ratio Lower Upper

88 100

58 88.5 68.6 103.0

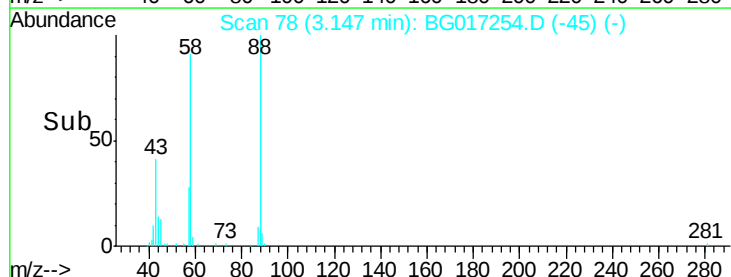
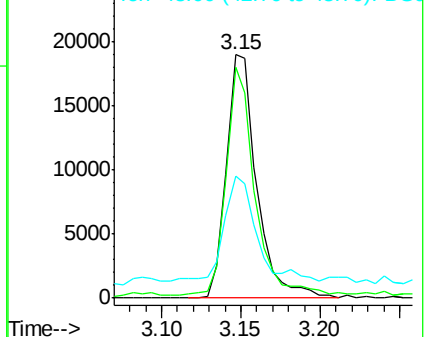
43 45.5 40.3 60.5



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.59 ng

RT: 3.55 min Scan# 146

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

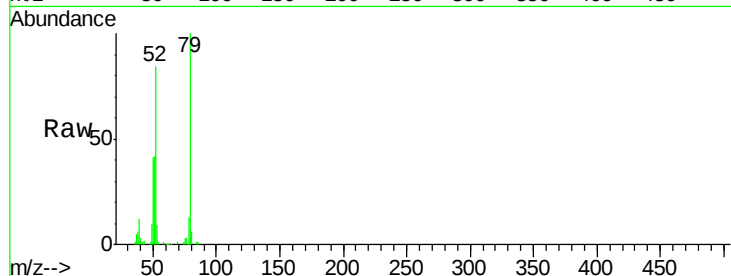
Tgt Ion: 79 Resp: 79718

Ion Ratio Lower Upper

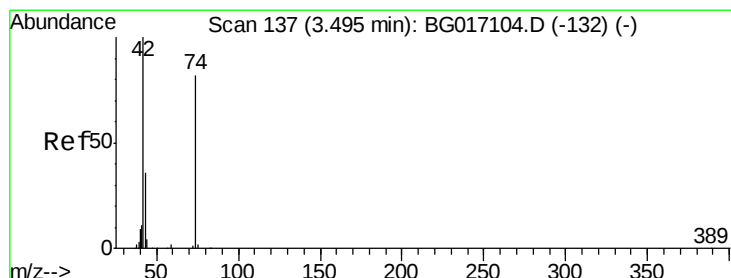
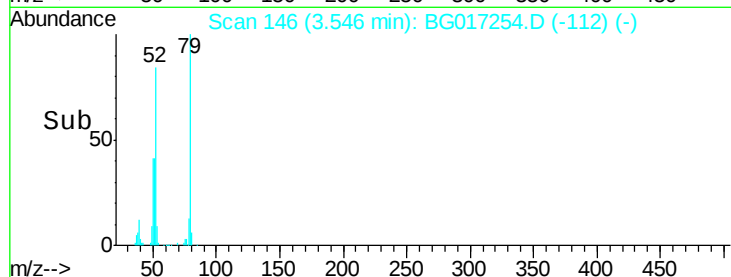
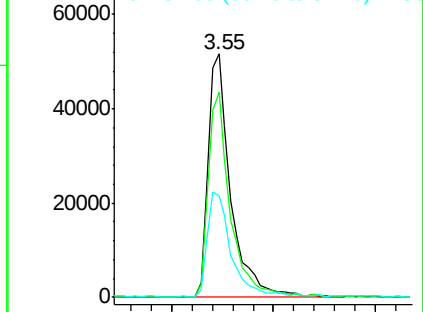
79 100

52 84.1 72.2 108.2

51 41.6 40.6 60.8



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



#4

n-Nitrosodimethylamine

Concen: 34.04 ng

RT: 3.47 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

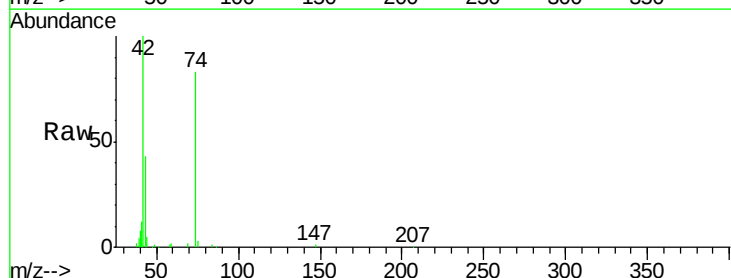
Tgt Ion: 42 Resp: 56281

Ion Ratio Lower Upper

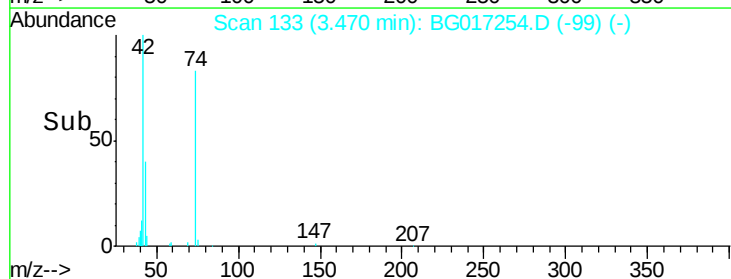
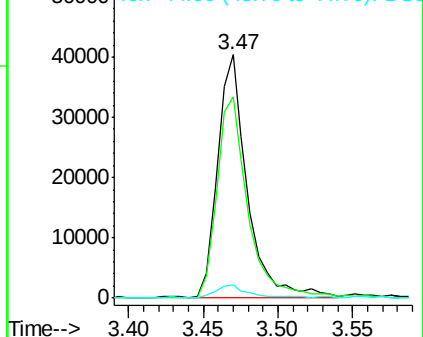
42 100

74 82.7 65.2 97.8

44 5.2 3.2 4.8#



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





#5

2-Fluorophenol

Concen: 133.47 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

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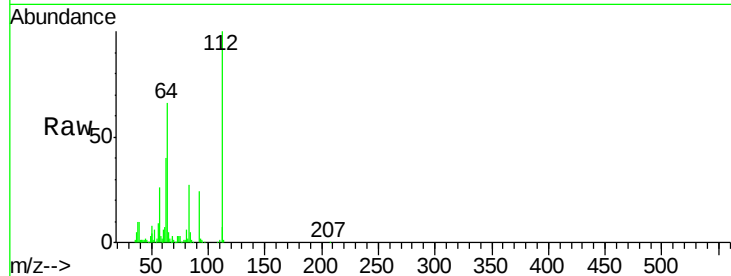
Tgt Ion: 112 Resp: 243579

Ion Ratio Lower Upper

112 100

64 66.2 48.1 72.1

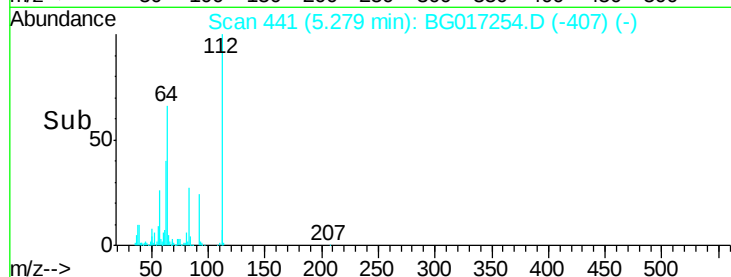
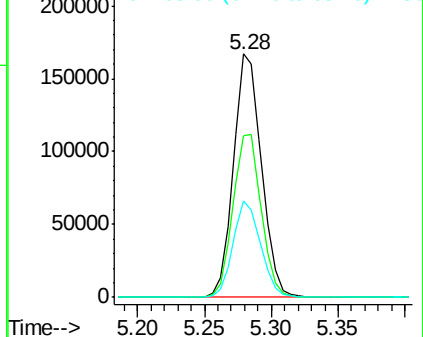
63 39.7 29.8 44.8



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: 24.70 ng

RT: 7.01 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

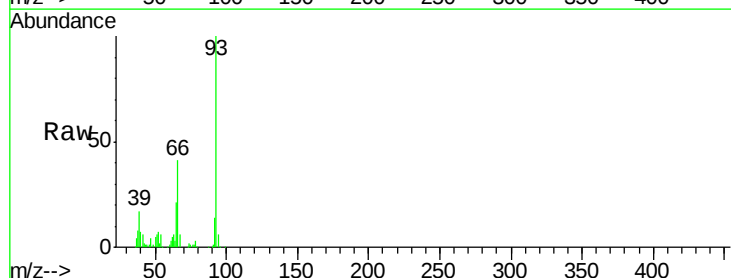
Tgt Ion: 93 Resp: 87510

Ion Ratio Lower Upper

93 100

66 40.8 35.8 53.8

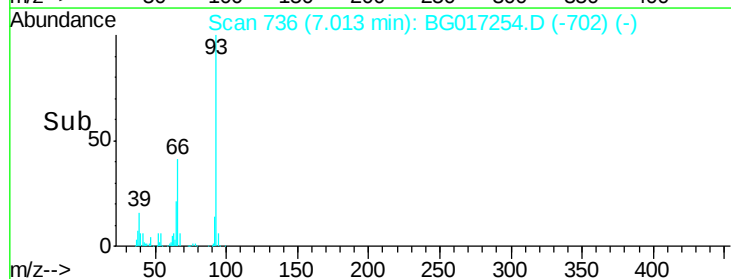
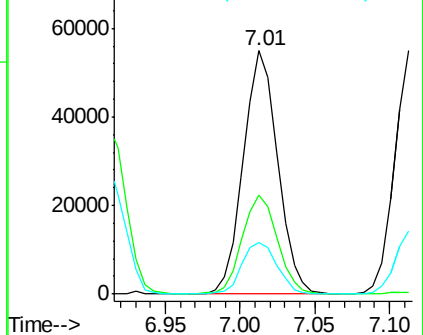
65 21.3 19.2 28.8

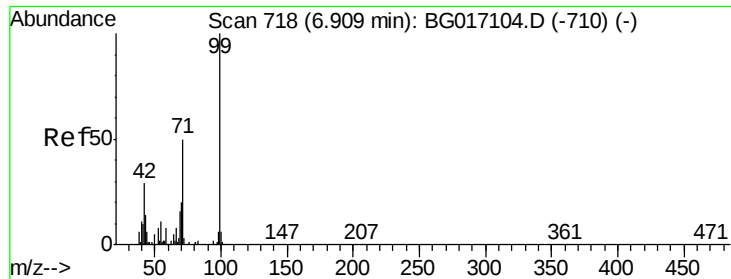


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.37 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

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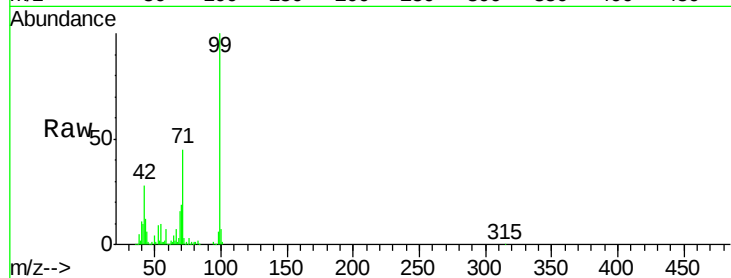
Tgt Ion: 99 Resp: 318528

Ion Ratio Lower Upper

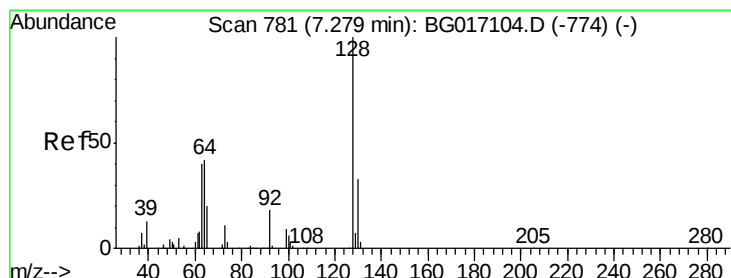
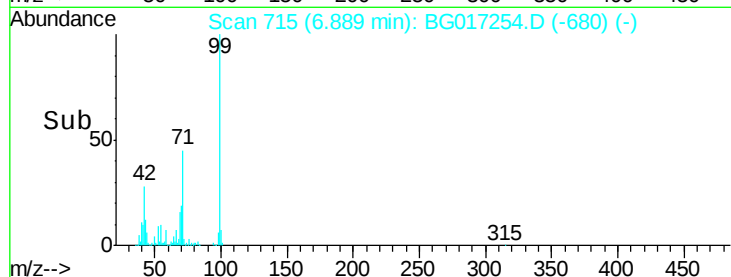
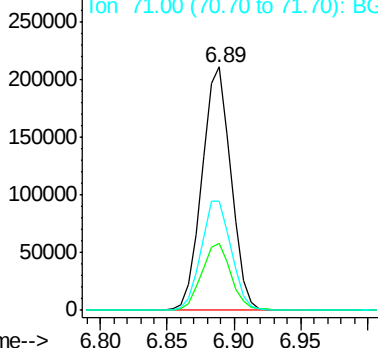
99 100

42 27.6 23.5 35.3

71 45.0 39.8 59.8



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



#8

2-Chlorophenol

Concen: 39.44 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

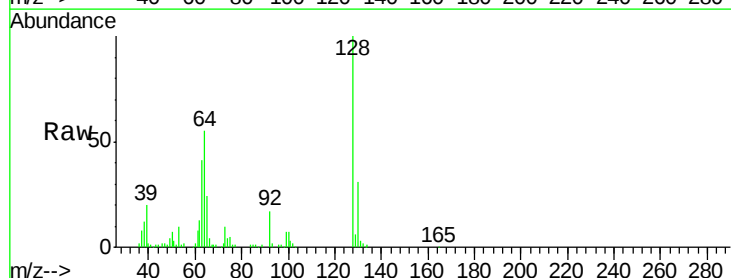
Tgt Ion: 128 Resp: 86108

Ion Ratio Lower Upper

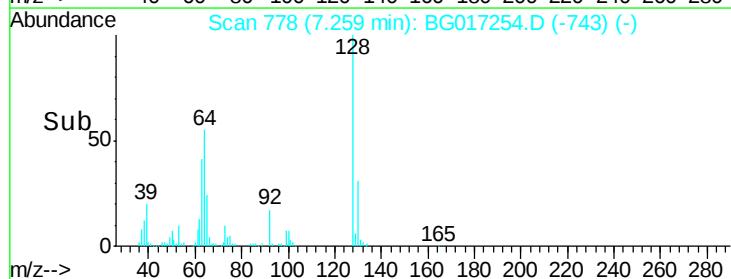
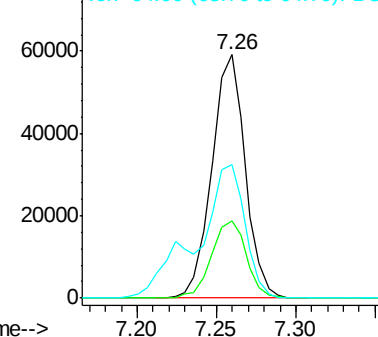
128 100

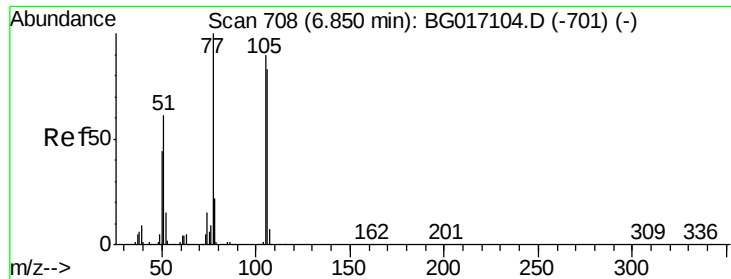
130 31.5 13.3 53.3

64 55.1 30.9 70.9



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





#9

Benzaldehyde

Concen: 7.37 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

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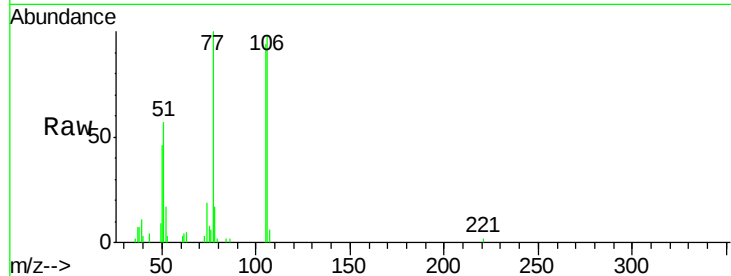
Tgt Ion: 77 Resp: 15595

Ion Ratio Lower Upper

77 100

105 94.0 69.5 109.5

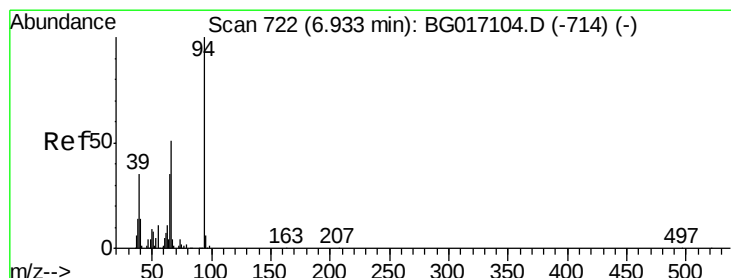
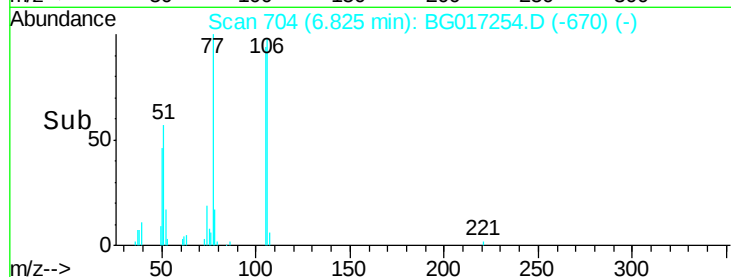
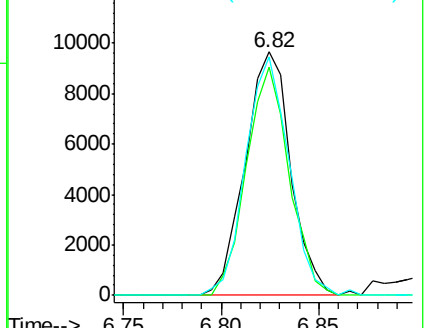
106 98.0 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.56 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

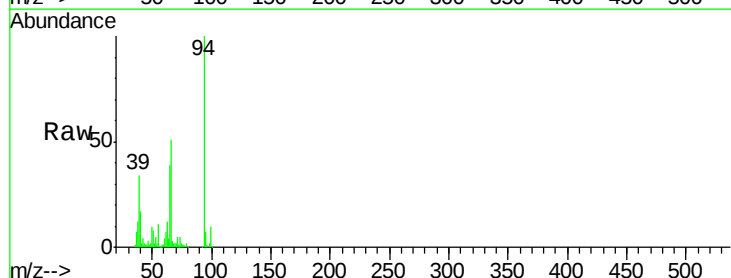
Tgt Ion: 94 Resp: 107447

Ion Ratio Lower Upper

94 100

65 39.0 15.0 55.0

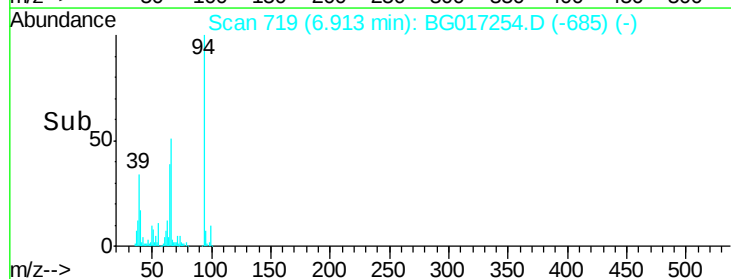
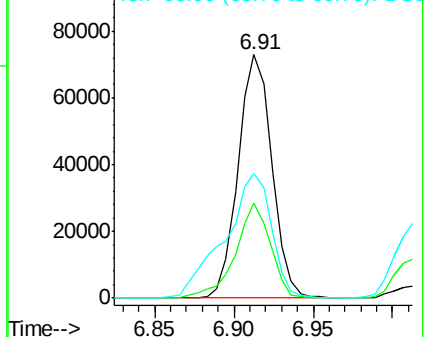
66 51.0 32.1 72.1

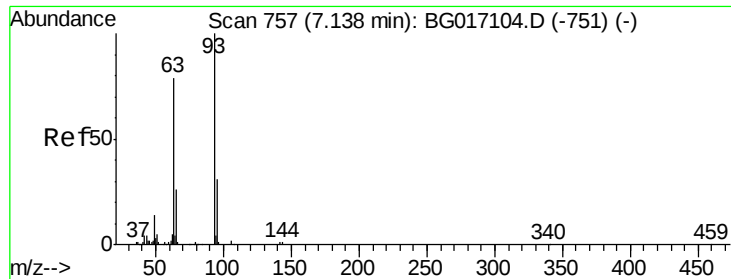


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

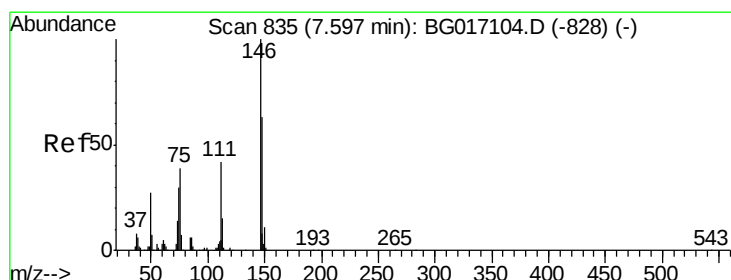
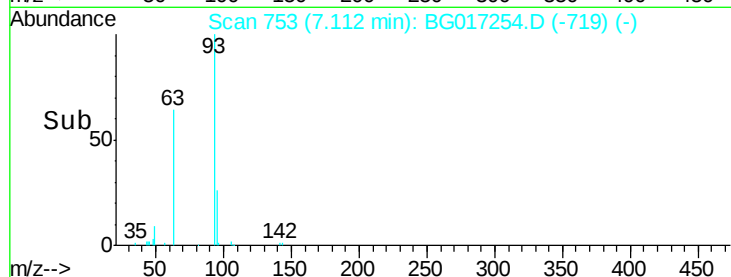
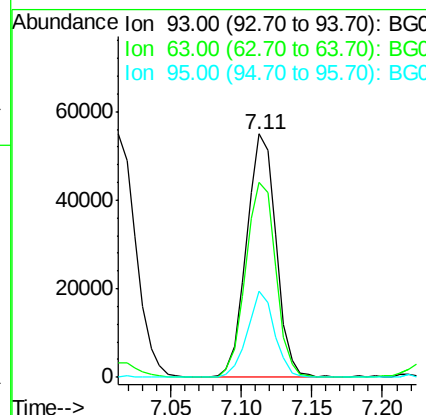
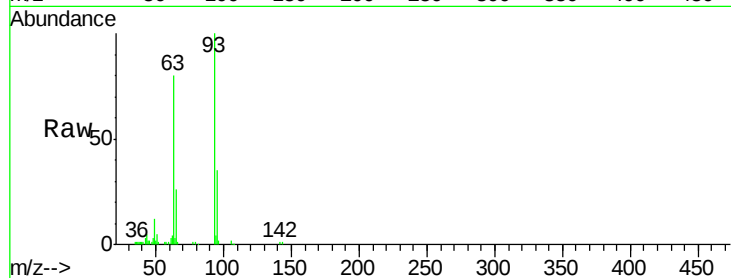




#11
 bis(2-Chloroethyl)ether
 Concen: 39.34 ng
 RT: 7.11 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

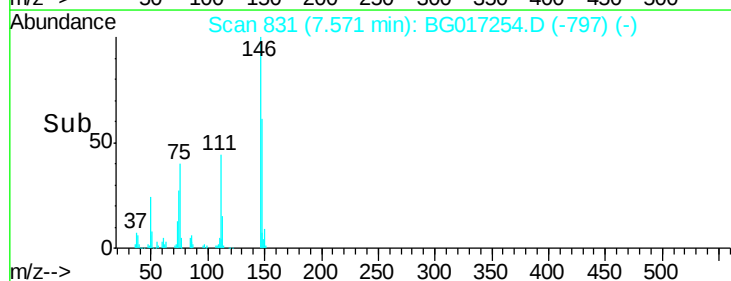
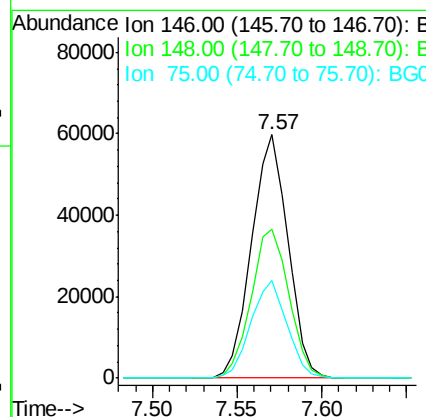
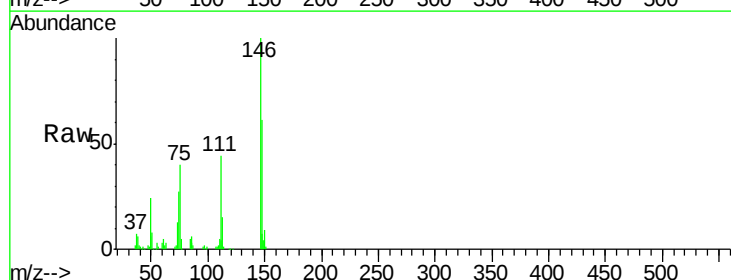
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion: 93 Resp: 80122
 Ion Ratio Lower Upper
 93 100
 63 80.0 58.5 98.5
 95 35.4 11.0 51.0



#12
 1,3-Dichlorobenzene
 Concen: 36.77 ng
 RT: 7.57 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion: 146 Resp: 89662
 Ion Ratio Lower Upper
 146 100
 148 60.9 50.6 75.8
 75 40.0 31.4 47.2

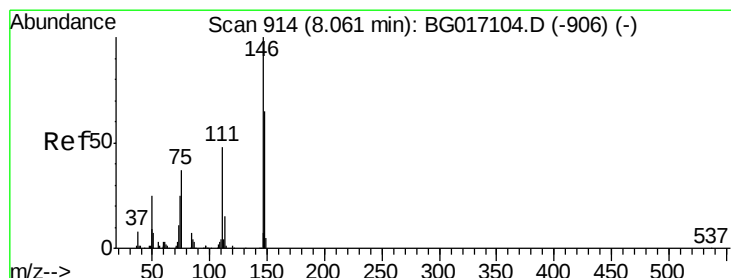
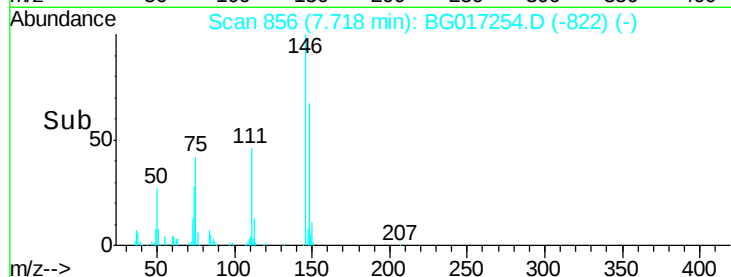
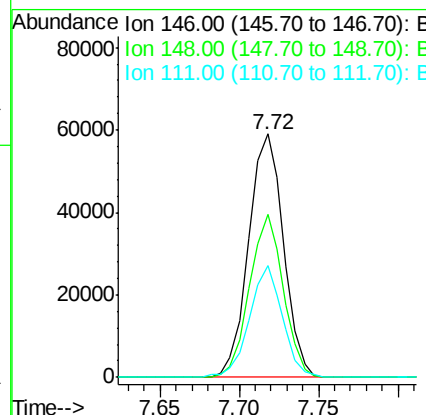
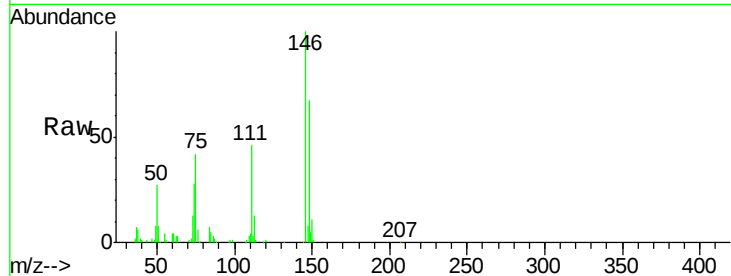




#13
 1,4-Dichlorobenzene
 Concen: 36.59 ng
 RT: 7.72 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

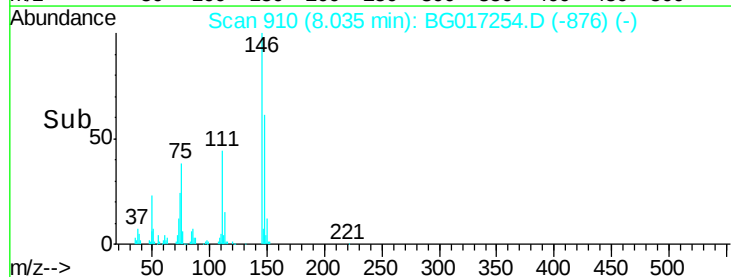
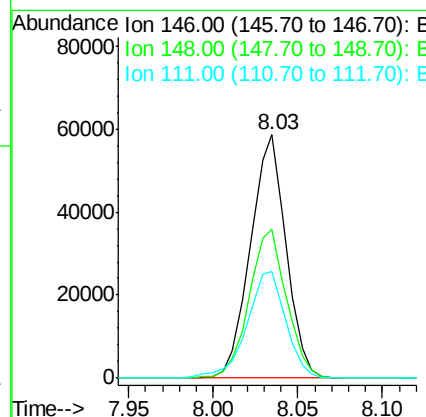
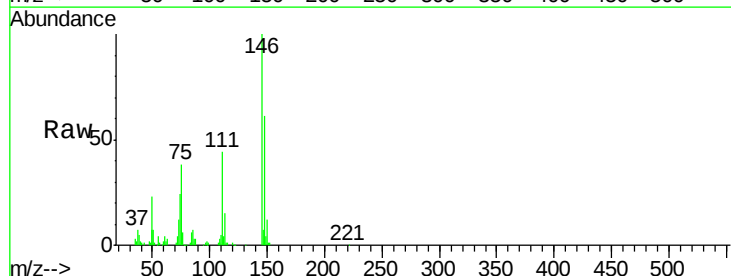
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.9	80.9
111	46.1	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 36.43 ng
 RT: 8.03 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	52.3	78.5
111	43.7	39.0	58.4





#15

Benzyl Alcohol

Concen: 34.39 ng

RT: 7.93 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

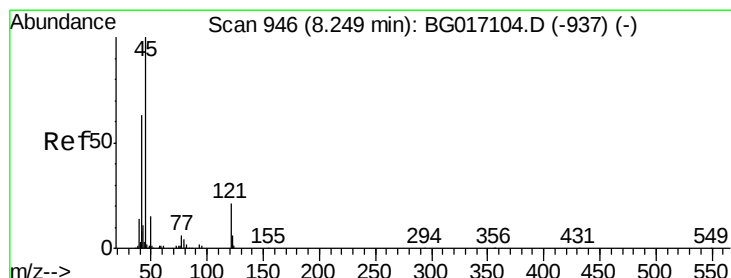
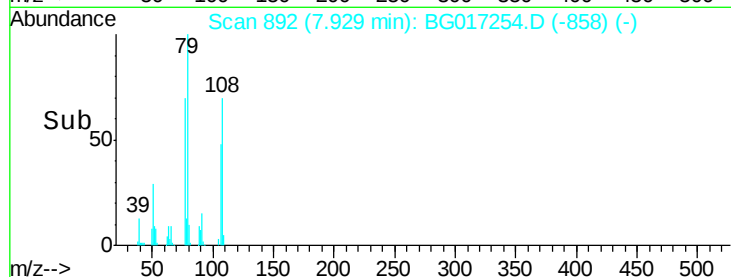
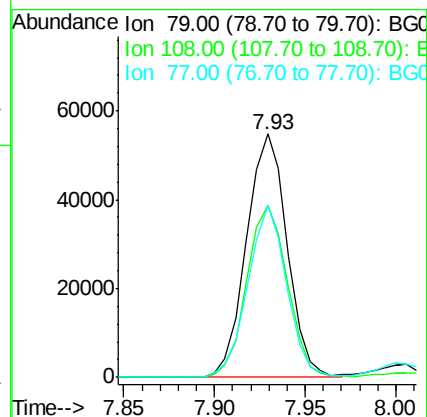
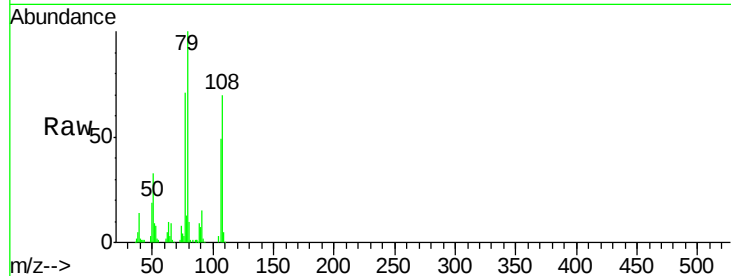
Tgt Ion: 79 Resp: 85580

Ion Ratio Lower Upper

79 100

108 70.5 55.8 83.6

77 70.8 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.46 ng

RT: 8.22 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

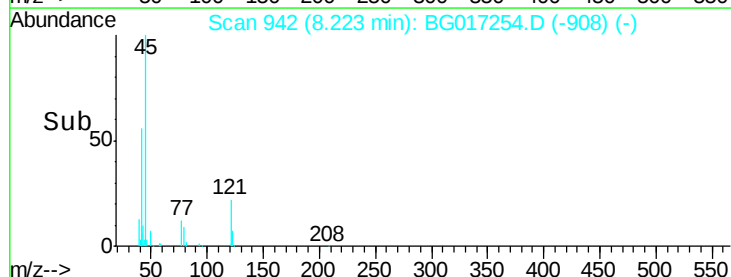
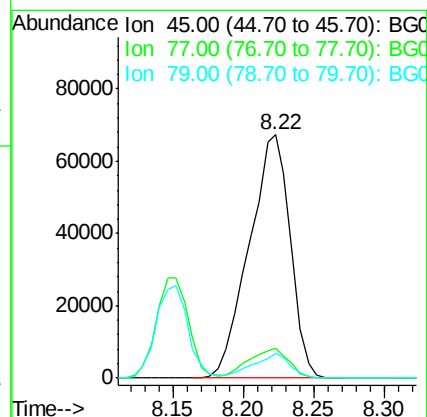
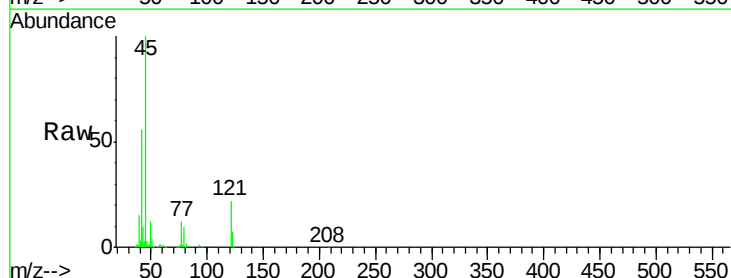
Tgt Ion: 45 Resp: 136886

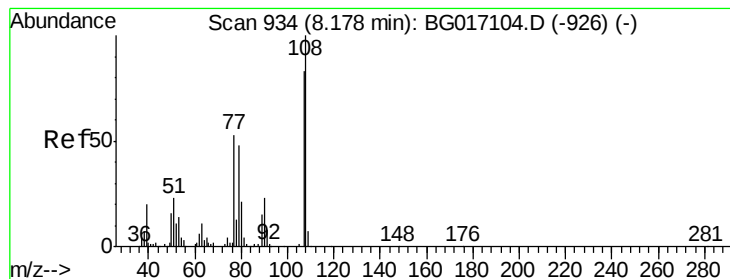
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.5

79 10.0 0.0 29.4





#17

2-Methylphenol

Concen: 38.02 ng

RT: 8.15 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

Tgt Ion:107 Resp: 74882

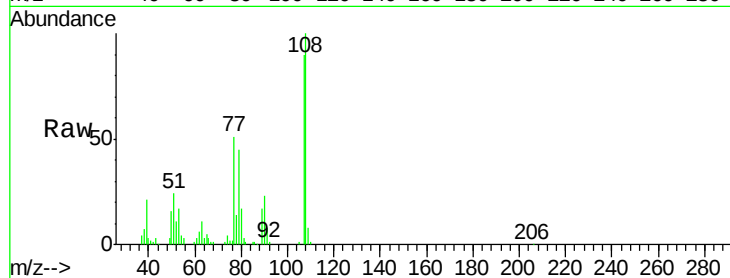
Ion Ratio Lower Upper

107 100

108 110.7 96.6 144.8

77 56.8 51.2 76.8

79 50.2 45.9 68.9



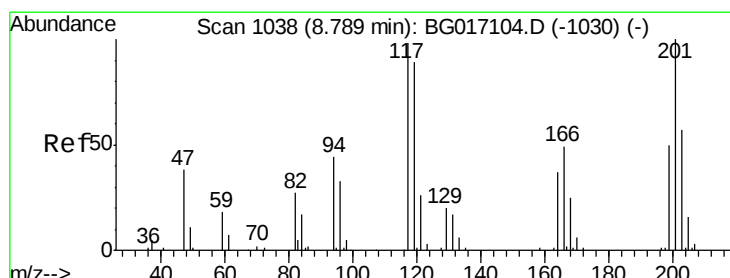
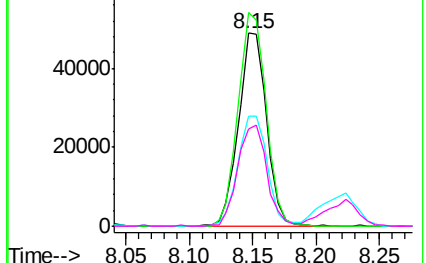
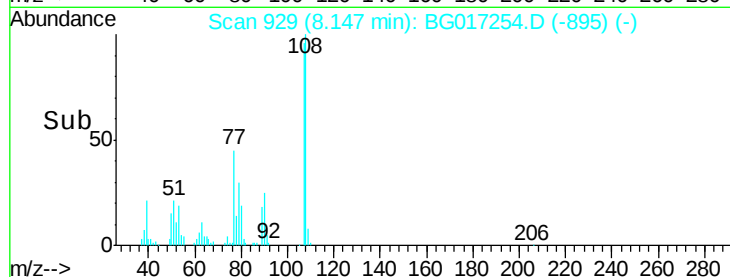
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.44 ng

RT: 8.75 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

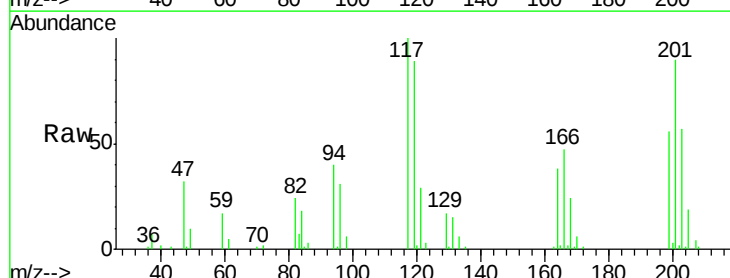
Tgt Ion:117 Resp: 38492

Ion Ratio Lower Upper

117 100

119 89.0 73.0 109.6

201 89.6 81.7 122.5

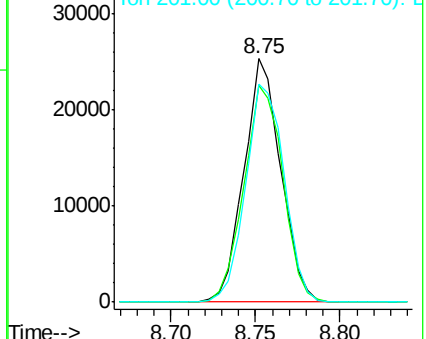
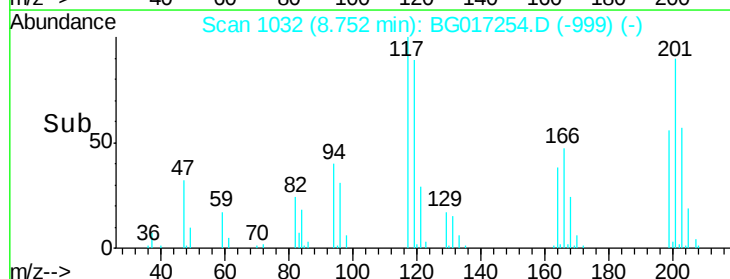


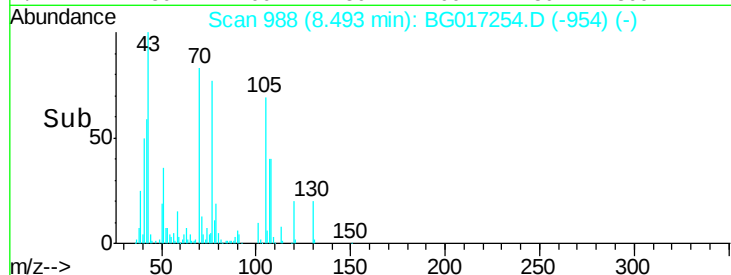
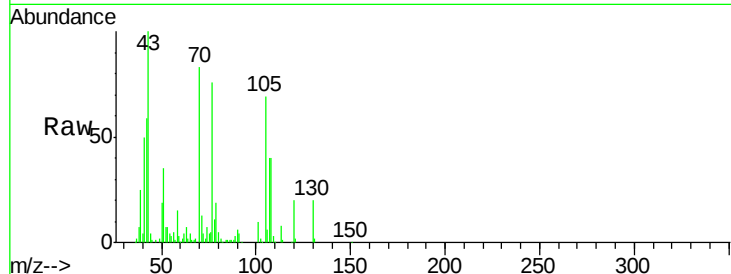
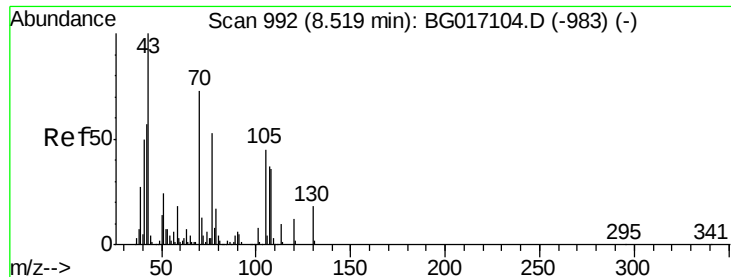
Abundance

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

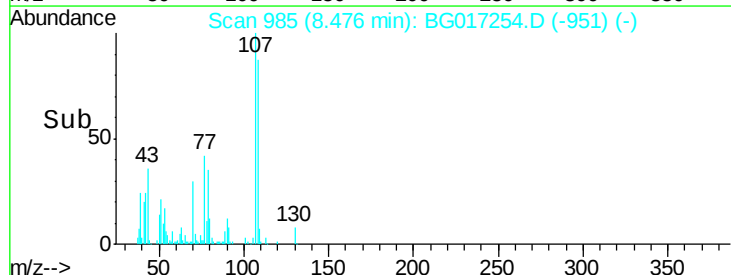
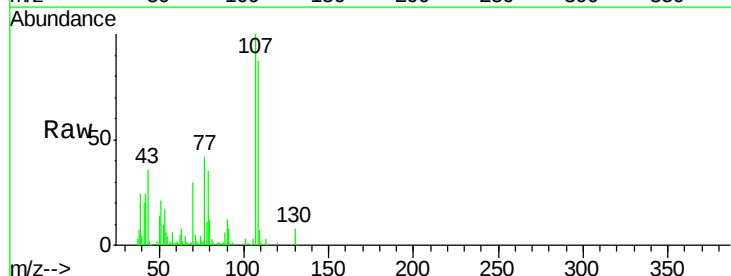
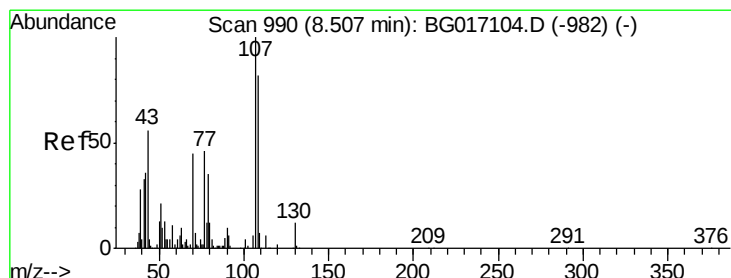
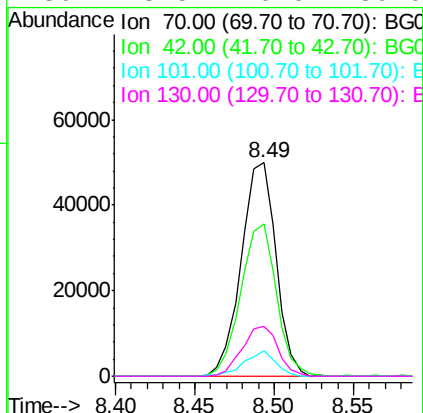




#19
n-Nitroso-di-n-propylamine
Concen: 34.09 ng
RT: 8.49 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

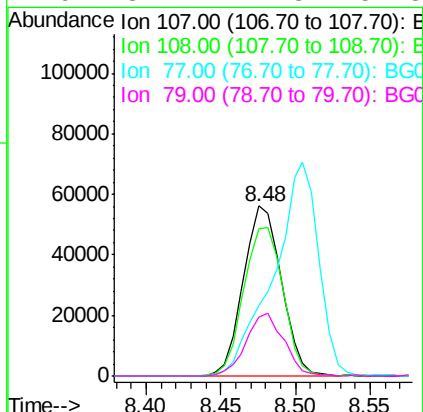
Instrument :
BNA_G
ClientSampleId :
PB83561BS

Tgt Ion:	70	Resp:	76080
Ion	Ratio	Lower	Upper
70	100		
42	71.3	62.6	94.0
101	12.1	9.0	13.4
130	23.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 36.28 ng
RT: 8.48 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion:	107	Resp:	99307
Ion	Ratio	Lower	Upper
107	100		
108	86.8	62.2	102.2
77	41.6	26.0	66.0
79	34.7	14.8	54.8

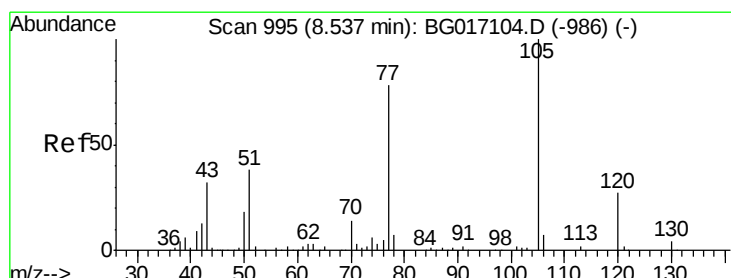
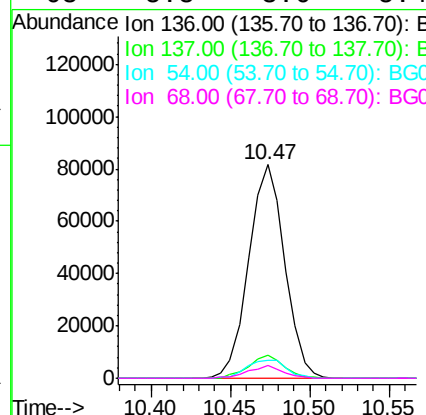
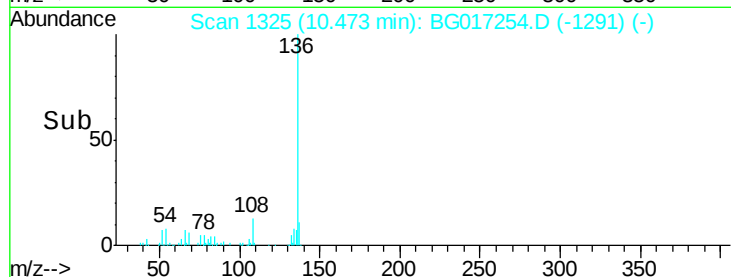
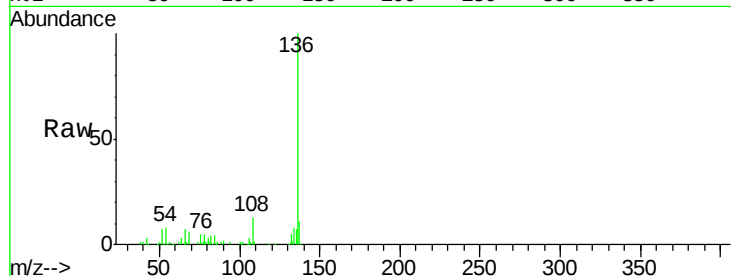




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

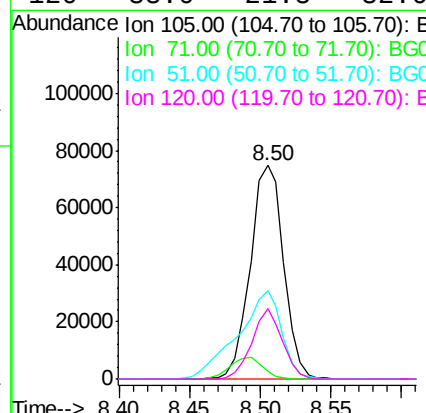
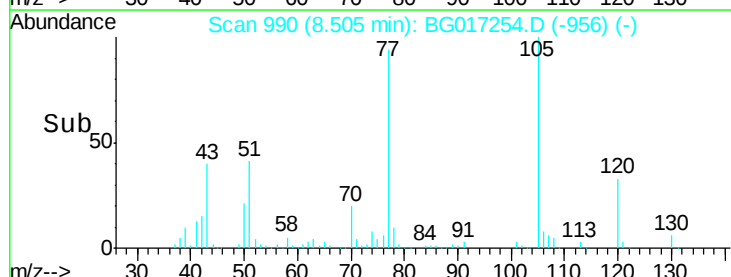
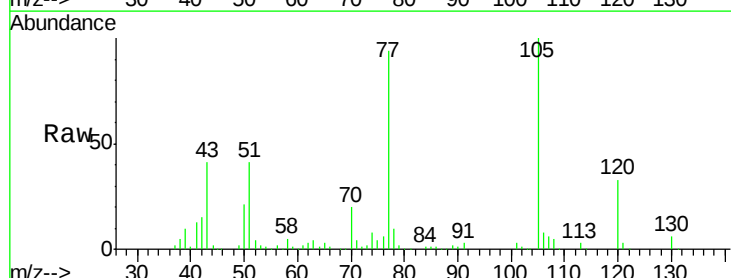
Instrument :
BNA_G
ClientSampleId :
PB83561BS

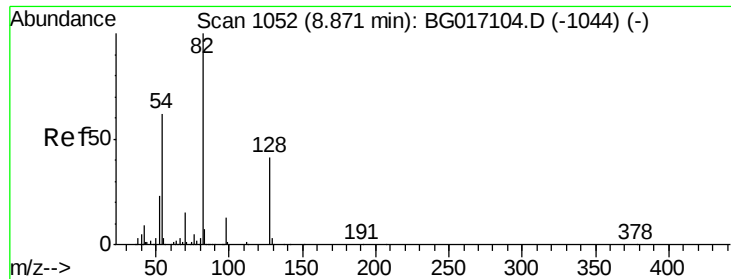
Tgt Ion:	136	Resp:	128379
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	8.4	7.4	11.2
68	5.8	3.6	5.4#



#22
Acetophenone
Concen: 39.71 ng
RT: 8.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion:	105	Resp:	123732
Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.2	3.4#
51	41.2	32.8	49.2
120	33.0	21.8	32.6#

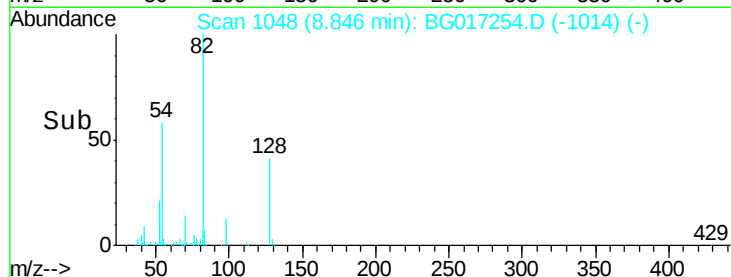
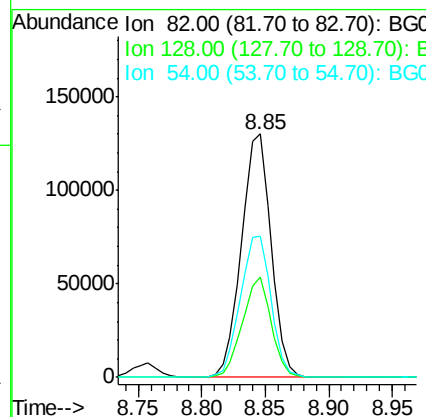
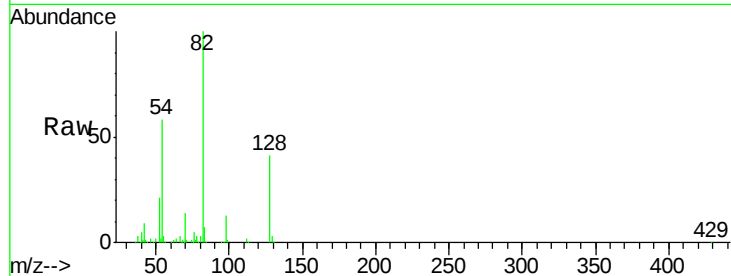




#23
 Nitrobenzene-d5
 Concen: 76.71 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

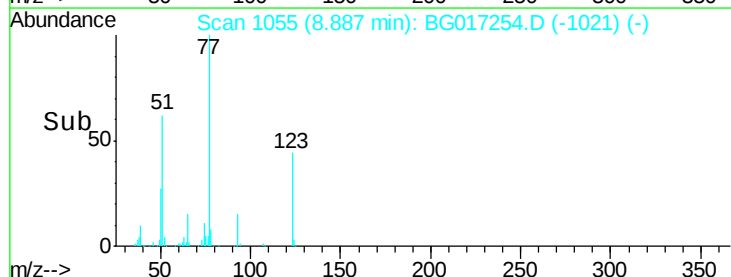
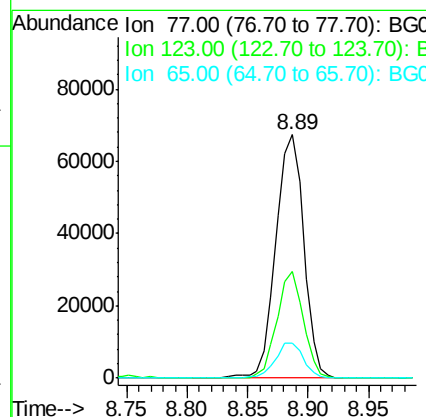
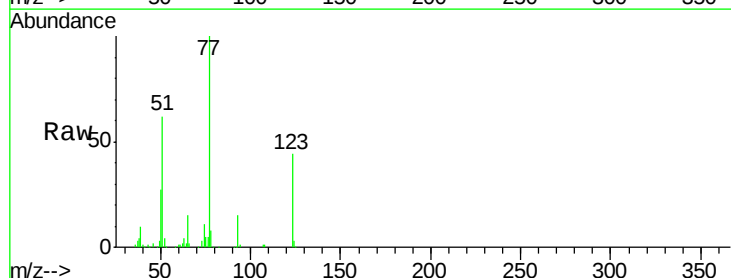
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion: 82 Resp: 210933
 Ion Ratio Lower Upper
 82 100
 128 41.2 32.6 49.0
 54 57.9 49.6 74.4



#24
 Nitrobenzene
 Concen: 39.95 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion: 77 Resp: 107480
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.0 49.4
 65 14.5 13.3 19.9





#25

Isophorone

Concen: 37.38 ng

RT: 9.40 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

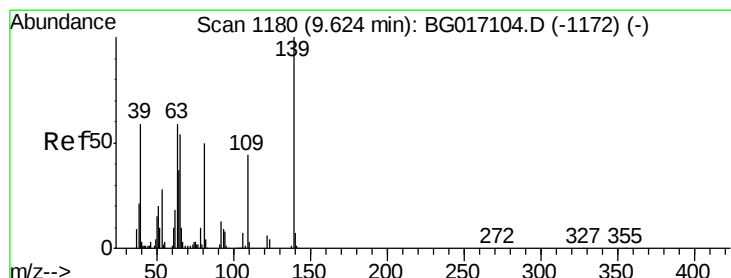
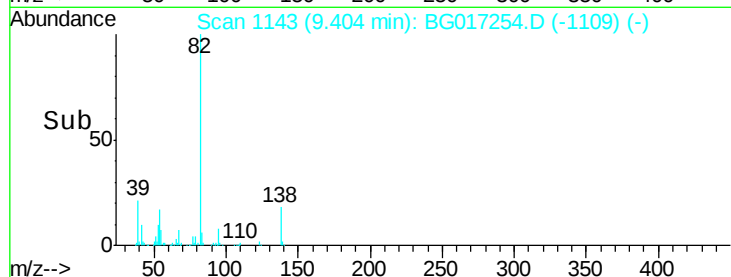
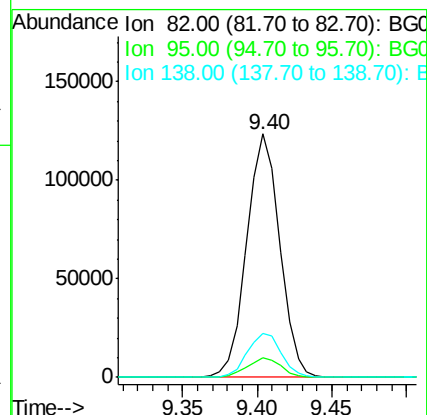
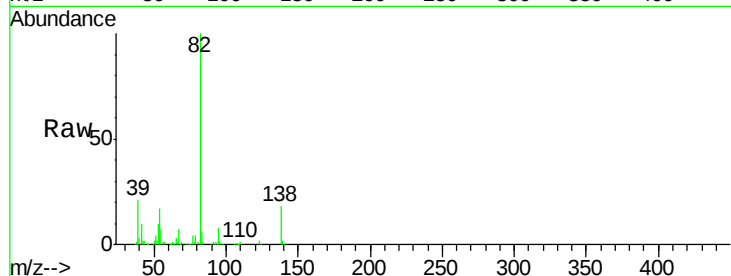
Tgt Ion: 82 Resp: 189434

Ion Ratio Lower Upper

82 100

95 8.2 7.7 11.5

138 17.9 15.0 22.6



#26

2-Nitrophenol

Concen: 40.28 ng

RT: 9.59 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

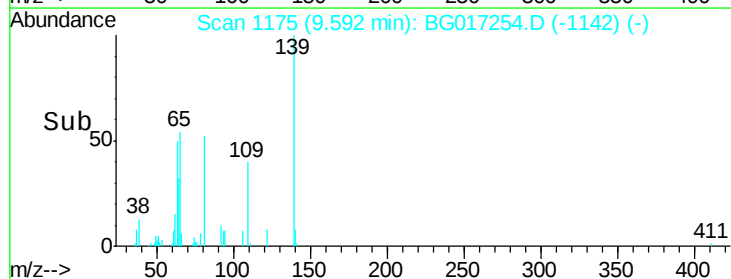
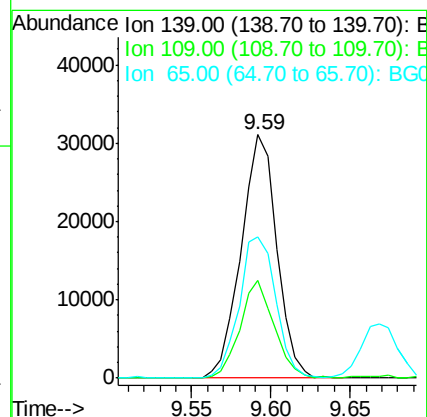
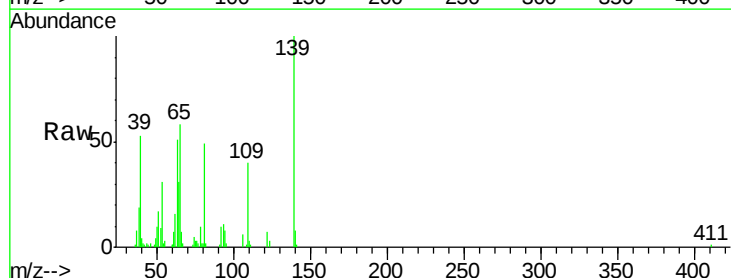
Tgt Ion: 139 Resp: 48446

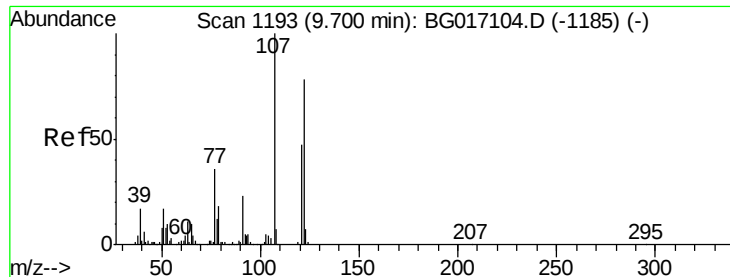
Ion Ratio Lower Upper

139 100

109 39.9 34.9 52.3

65 57.8 43.0 64.4

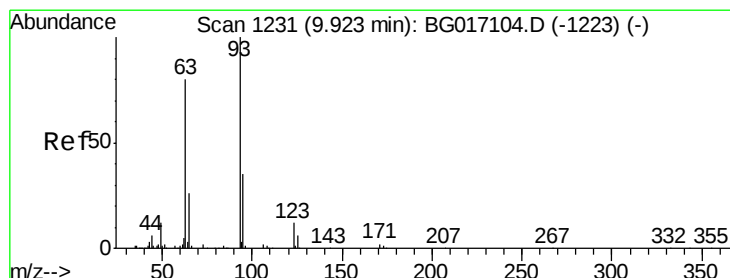
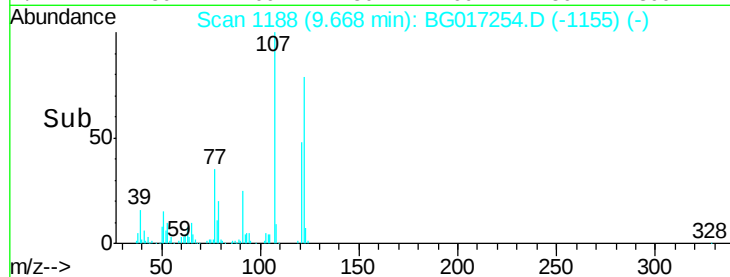
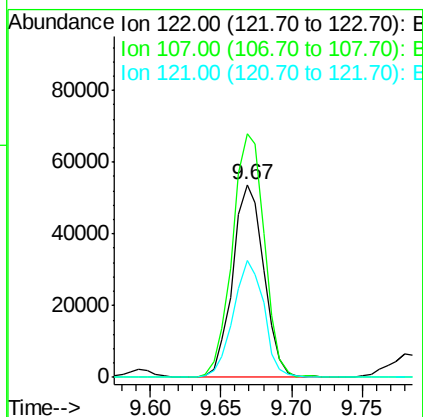
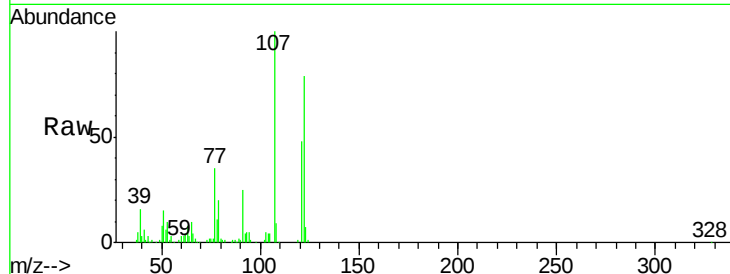




#27
 2,4-Dimethylphenol
 Concen: 41.88 ng
 RT: 9.67 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

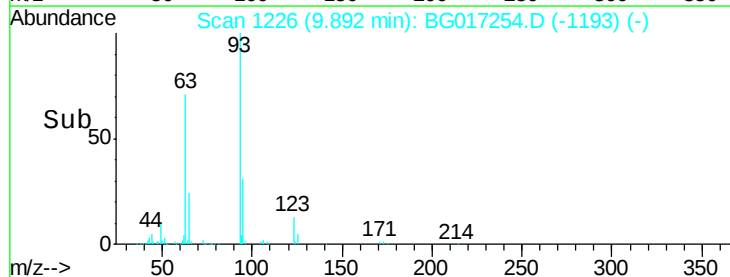
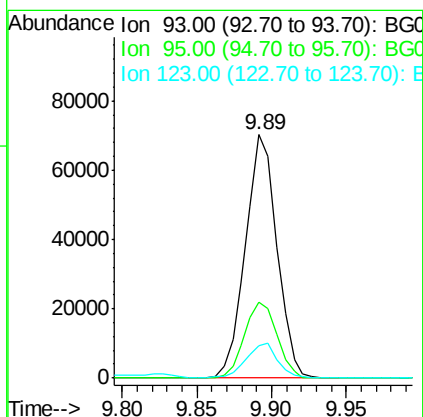
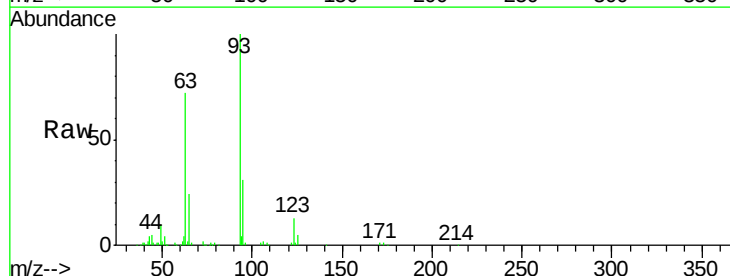
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

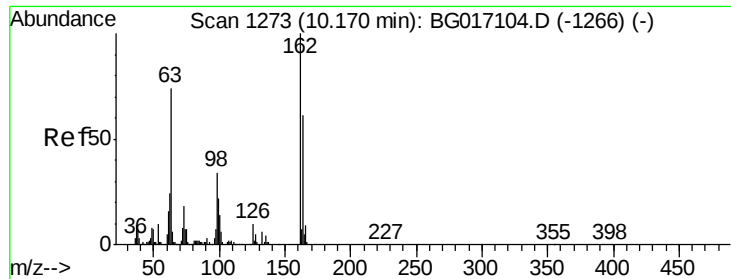
Tgt Ion:122 Resp: 82904
 Ion Ratio Lower Upper
 122 100
 107 126.1 102.3 153.5
 121 60.6 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.51 ng
 RT: 9.89 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion: 93 Resp: 102429
 Ion Ratio Lower Upper
 93 100
 95 31.2 28.0 42.0
 123 13.4 10.3 15.5

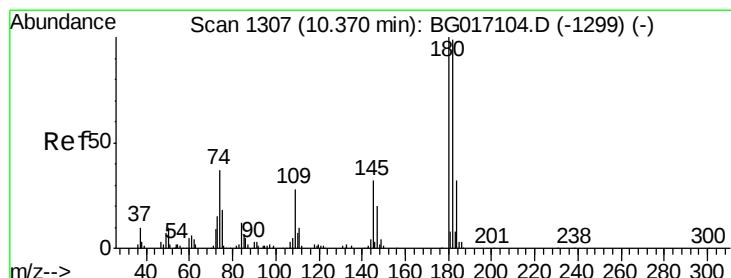
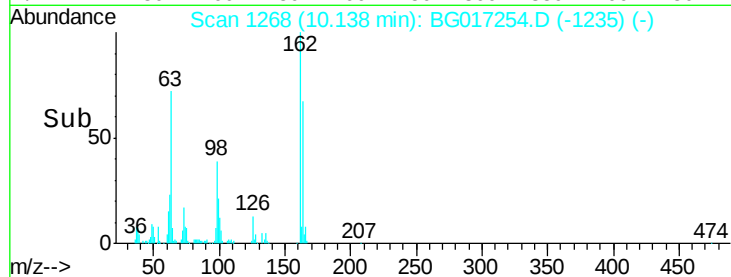
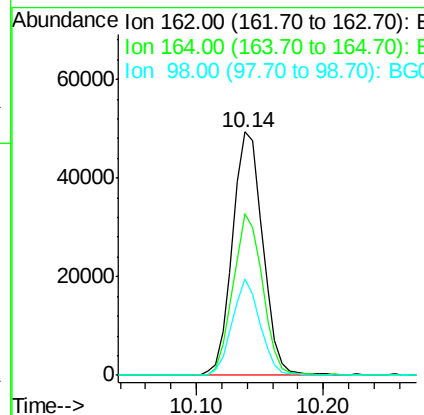
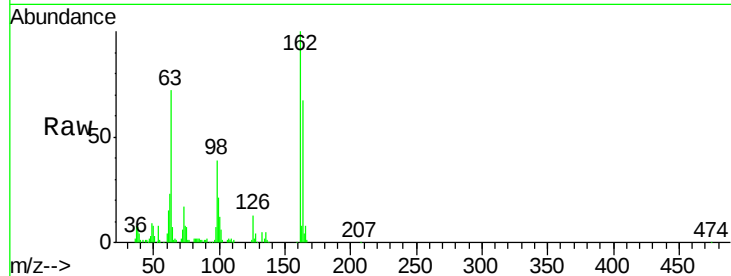




#29
 2,4-Dichlorophenol
 Concen: 43.49 ng
 RT: 10.14 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

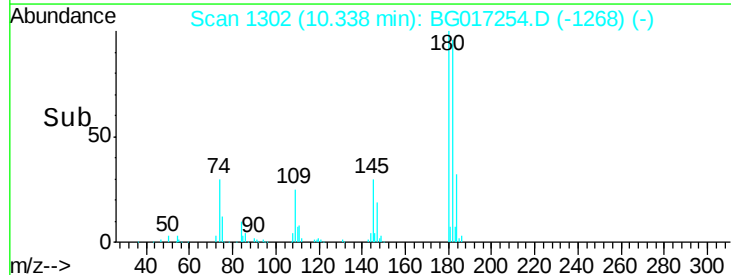
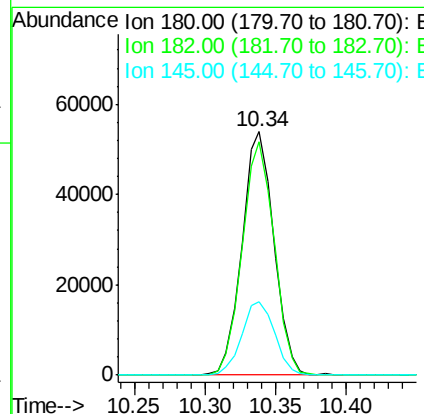
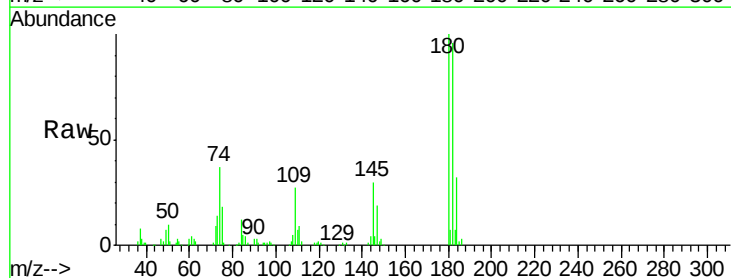
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	41.4	81.4
98	39.5	14.3	54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.12 ng
 RT: 10.34 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	79.4	119.0
145	30.0	25.3	37.9

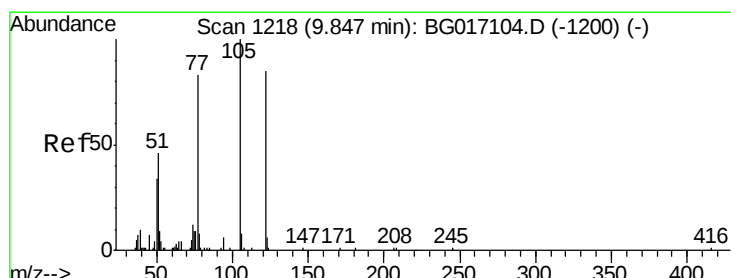
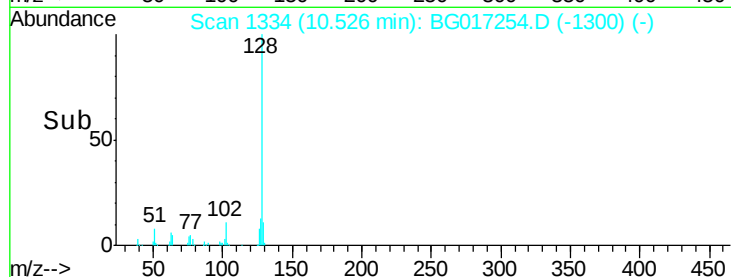
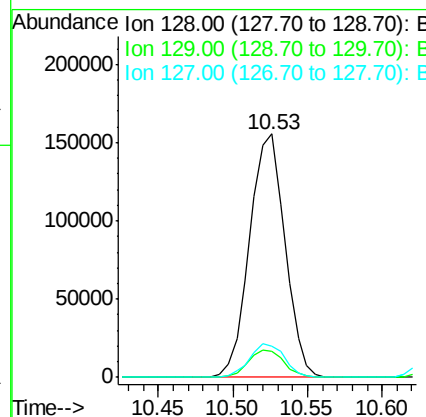
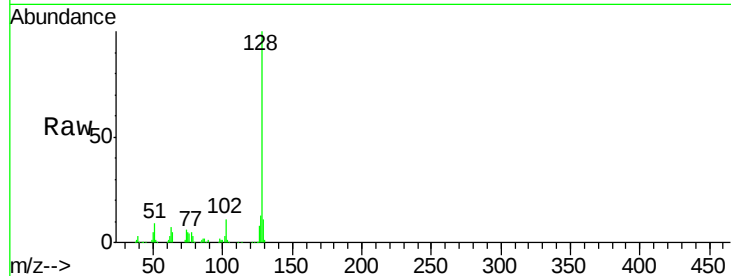




#31
Naphthalene
Concen: 40.44 ng
RT: 10.53 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

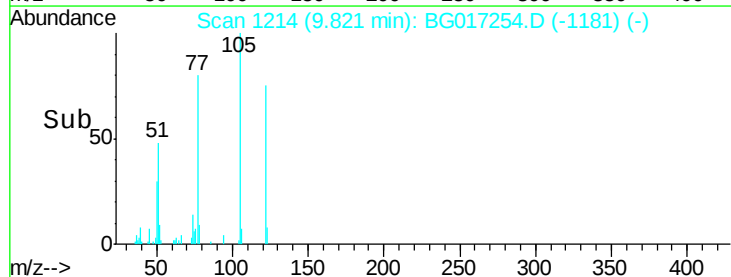
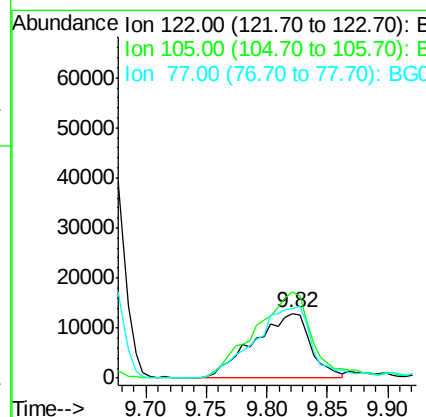
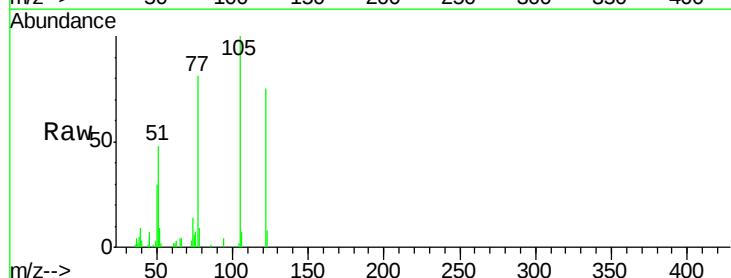
Instrument :
BNA_G
ClientSampleId :
PB83561BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	7.6	11.4
127	13.0	10.6	16.0



#32
Benzoic acid
Concen: 31.52 ng
RT: 9.82 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	96.7	136.7
77	108.4	78.5	118.5

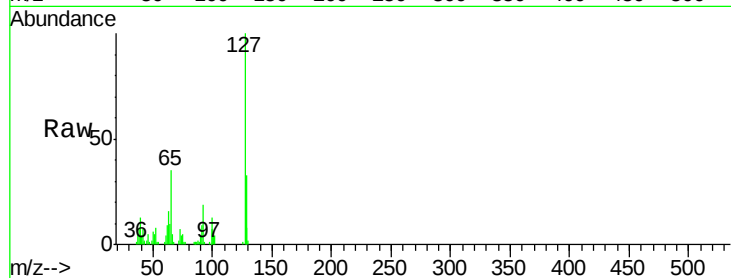




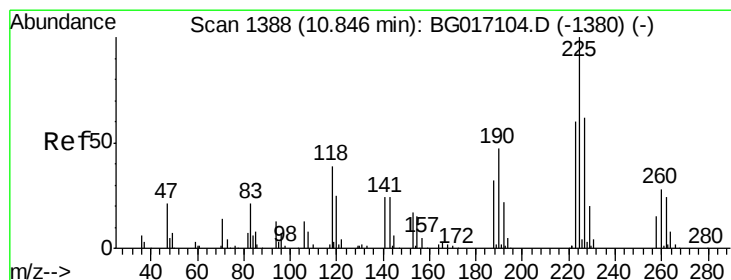
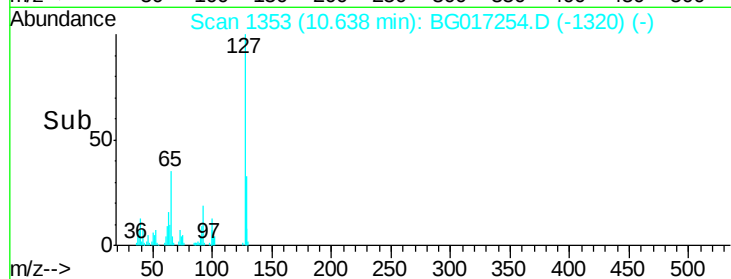
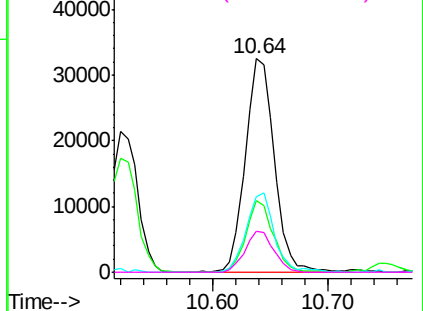
#33
 4-Chloroaniline
 Concen: 19.16 ng
 RT: 10.64 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion:	127	Resp:	56939
Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.8	37.2
65	35.1	25.8	38.6
92	19.4	15.0	22.4

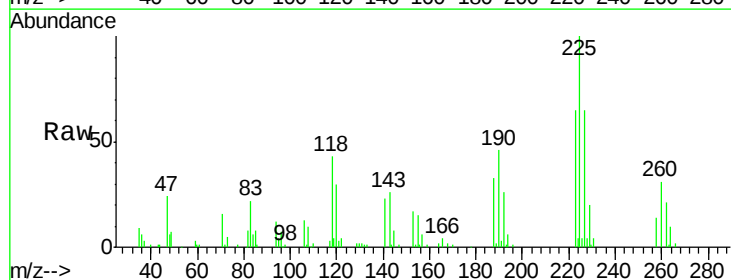


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

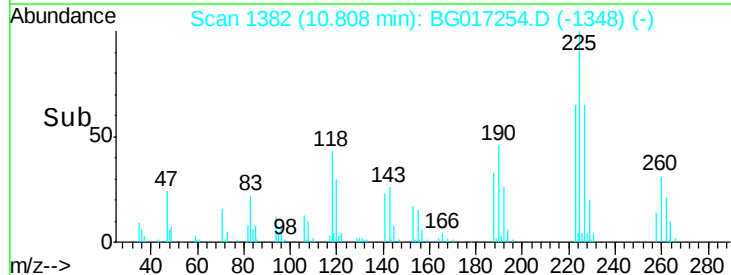
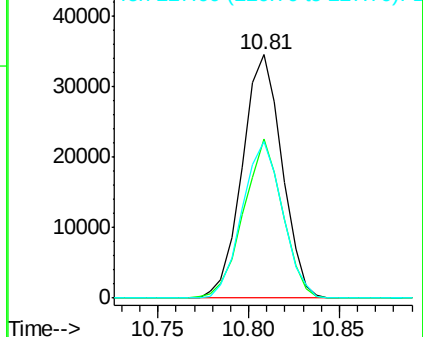


#34
 Hexachlorobutadiene
 Concen: 39.17 ng
 RT: 10.81 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:	225	Resp:	52537
Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.3	72.5
227	64.5	49.8	74.8



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

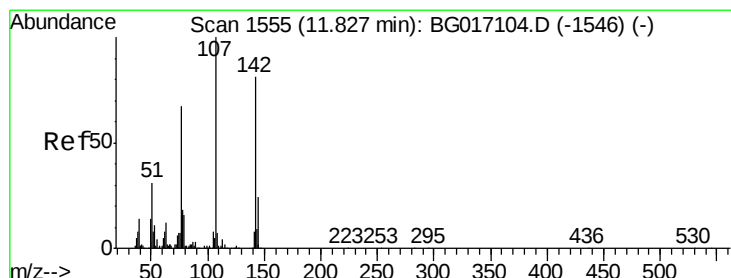
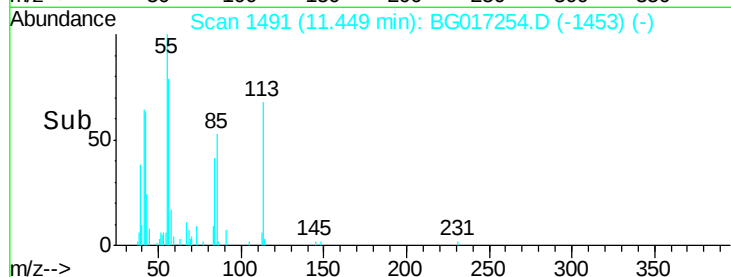
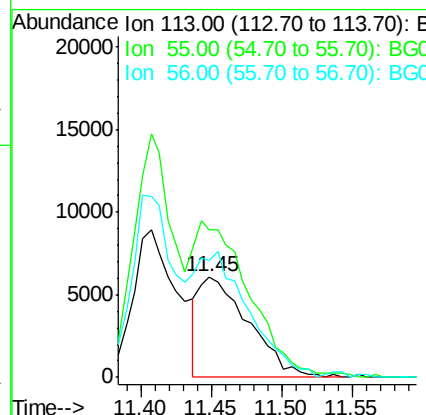
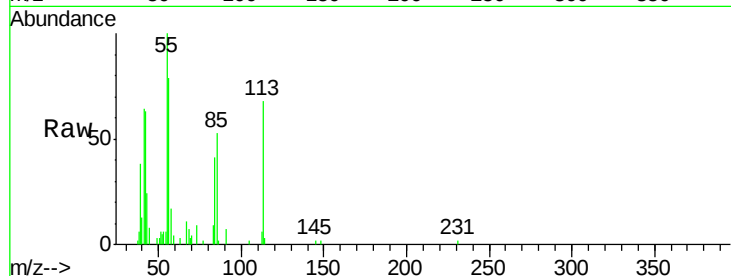




#35
 Caprolactam
 Concen: 15.81 ng
 RT: 11.45 min Scan# 1491
 Delta R.T. 0.02 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

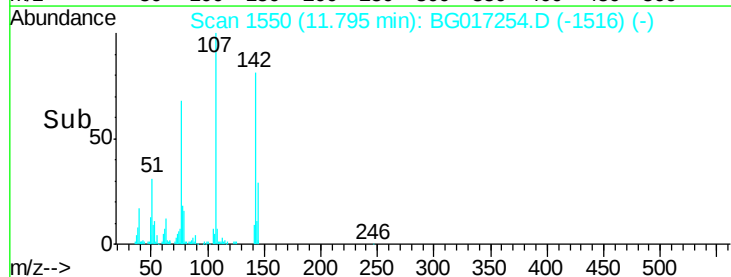
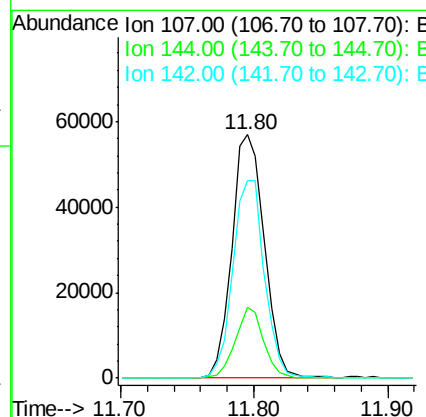
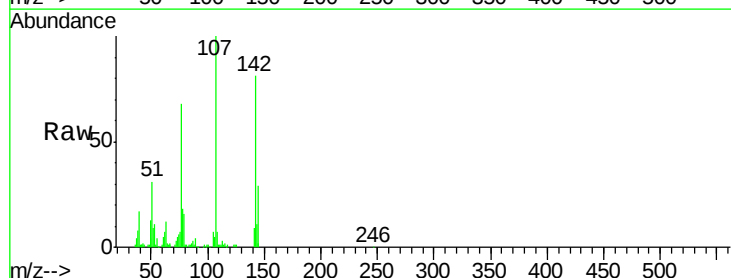
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

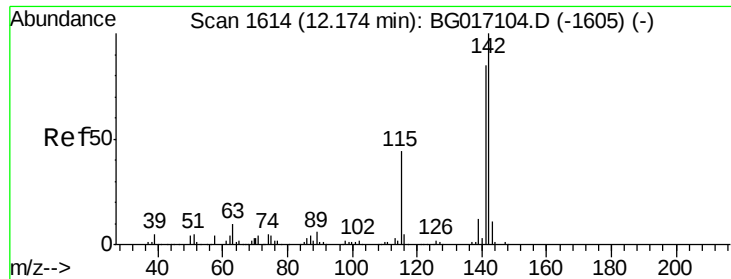
Tgt Ion:113 Resp: 14847
 Ion Ratio Lower Upper
 113 100
 55 146.8 124.1 164.1
 56 116.5 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.93 ng
 RT: 11.80 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:107 Resp: 96562
 Ion Ratio Lower Upper
 107 100
 144 28.8 19.6 29.4
 142 80.9 64.9 97.3

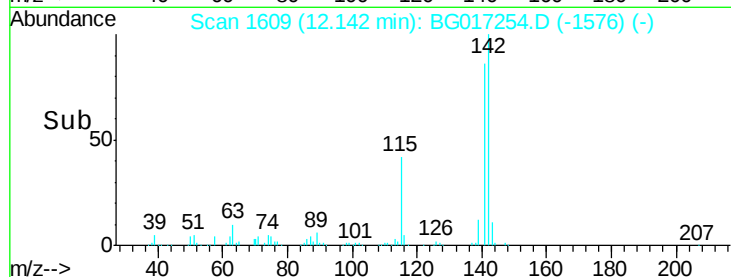
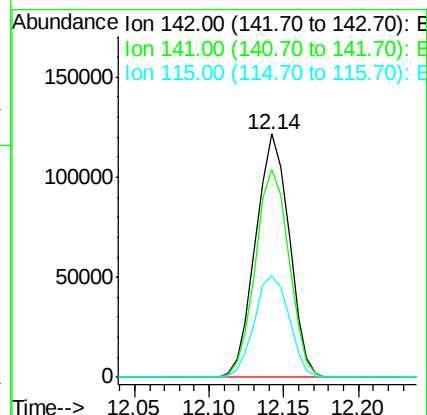
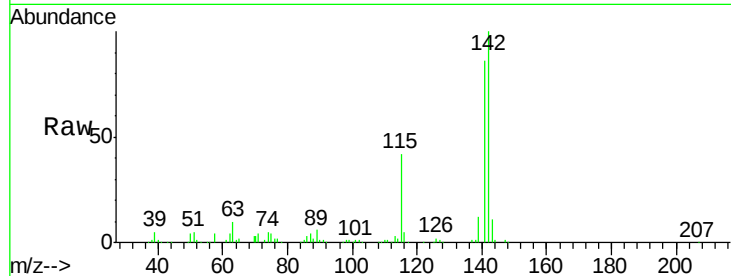




#37
 2-Methylnaphthalene
 Concen: 38.08 ng
 RT: 12.14 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

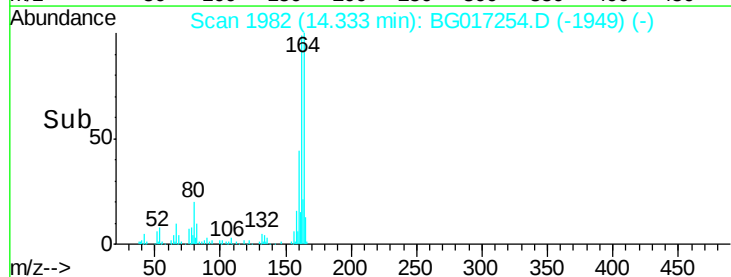
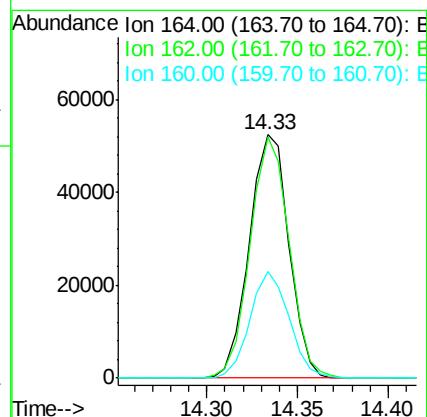
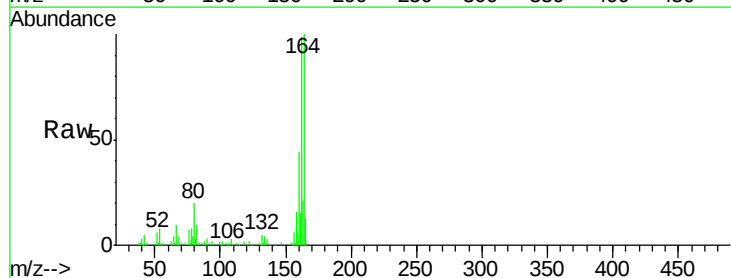
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion:142 Resp: 189736
 Ion Ratio Lower Upper
 142 100
 141 85.5 68.2 102.2
 115 41.7 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:164 Resp: 79556
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.1 123.1
 160 43.7 34.8 52.2

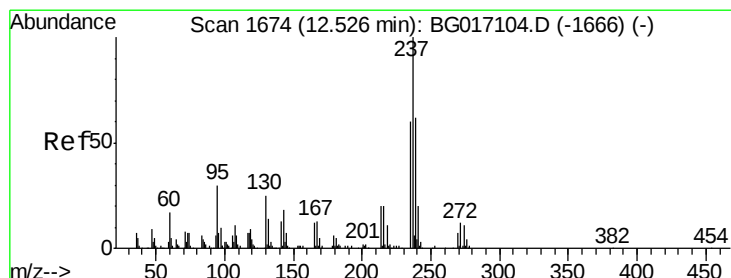
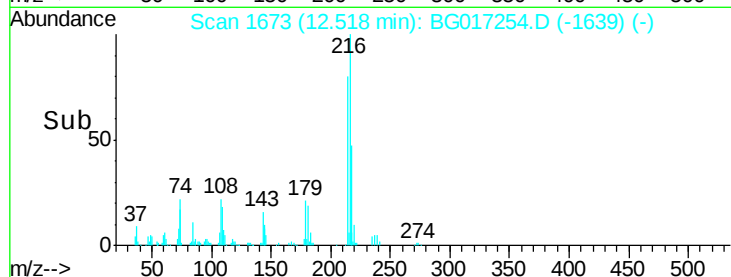
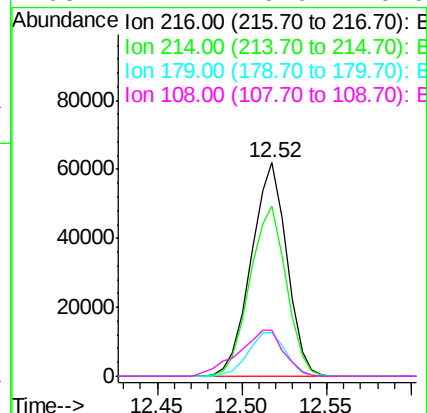
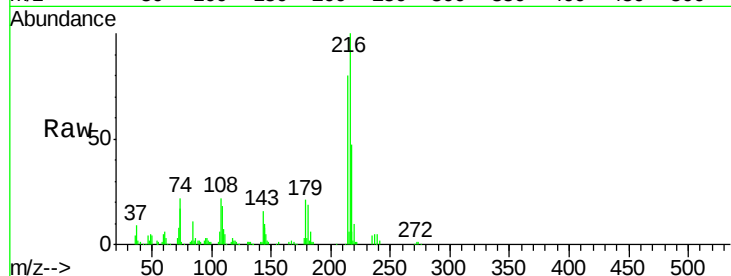




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.43 ng
 RT: 12.52 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

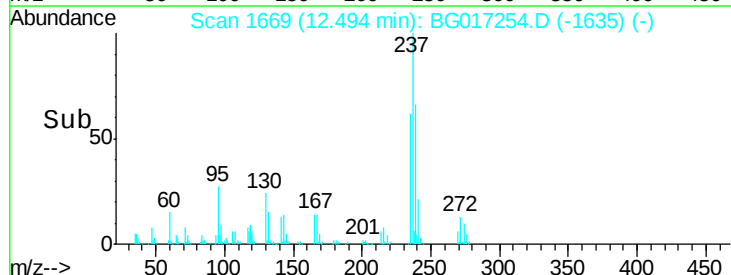
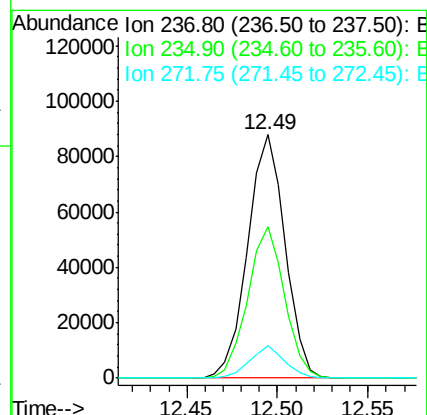
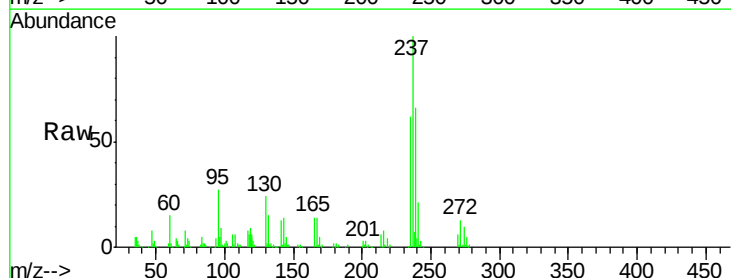
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion:	216	Resp:	91000
Ion	Ratio	Lower	Upper
216	100		
214	81.2	63.3	94.9
179	21.7	17.8	26.8
108	27.7	19.9	29.9



#40
 Hexachlorocyclopentadiene
 Concen: 91.56 ng
 RT: 12.49 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:	237	Resp:	125705
Ion	Ratio	Lower	Upper
237	100		
235	62.5	39.7	79.7
272	13.2	0.0	32.1

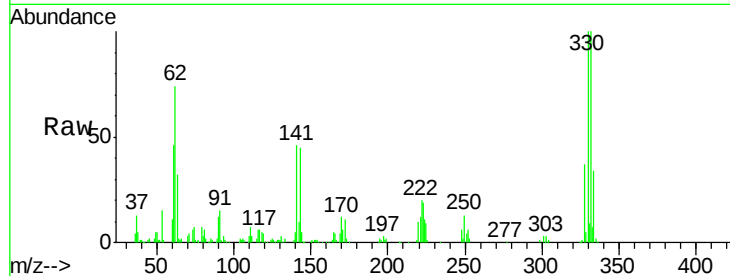




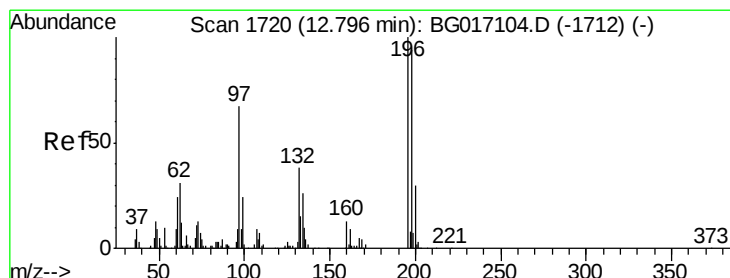
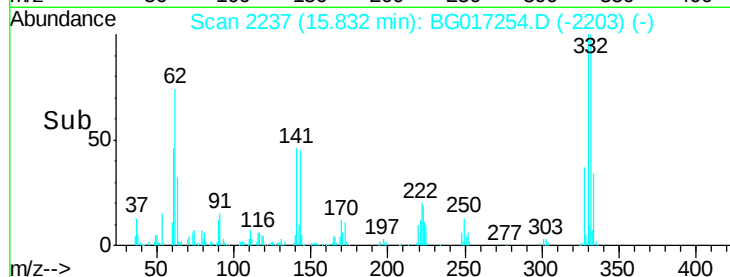
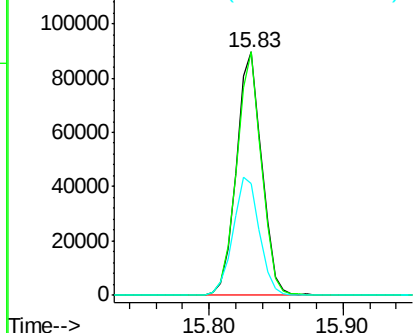
#41
 2,4,6-Tribromophenol
 Concen: 123.09 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion: 330 Resp: 118377
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 50.7 42.2 63.2

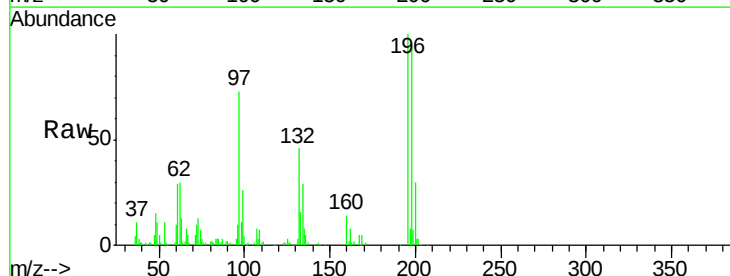


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

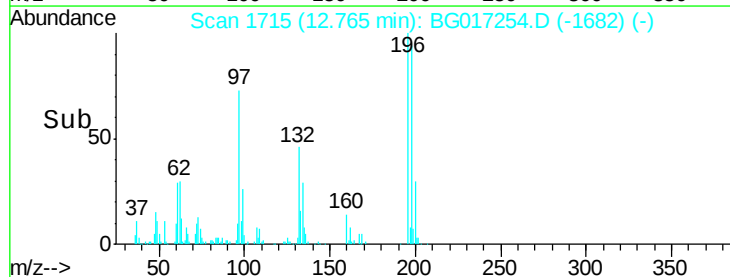
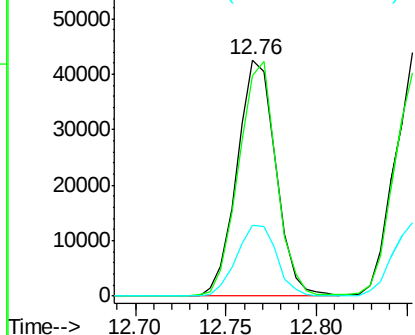


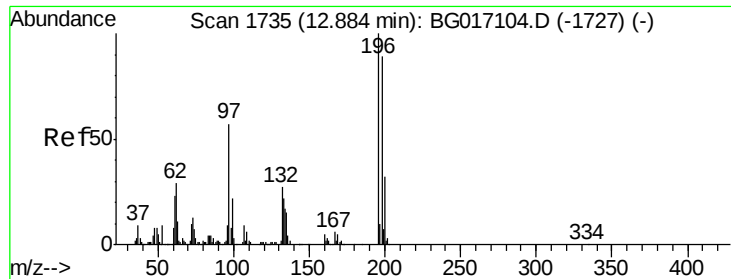
#42
 2,4,6-Trichlorophenol
 Concen: 39.73 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion: 196 Resp: 63435
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.9 112.3
 200 30.2 24.2 36.2



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

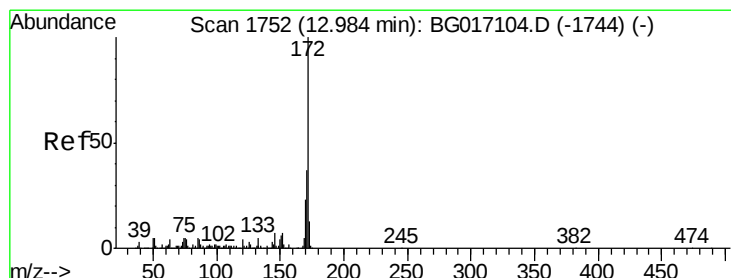
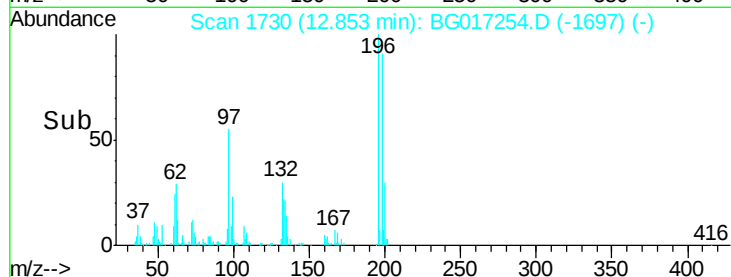
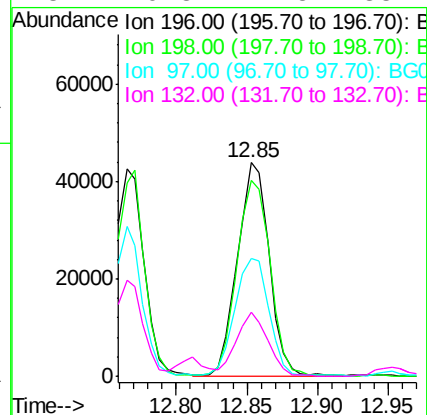
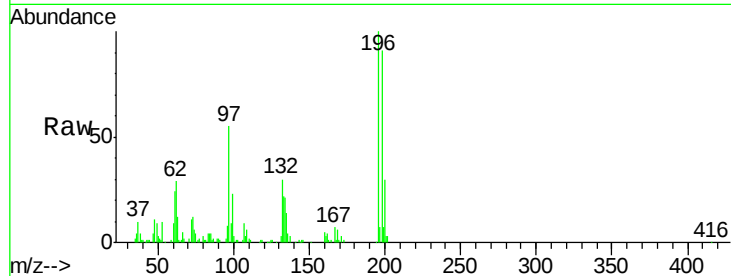




#43
 2,4,5-Trichlorophenol
 Concen: 42.05 ng
 RT: 12.85 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

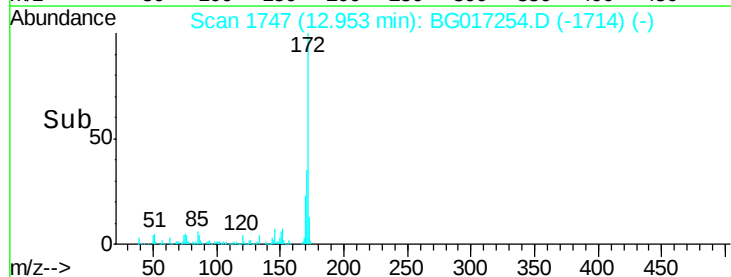
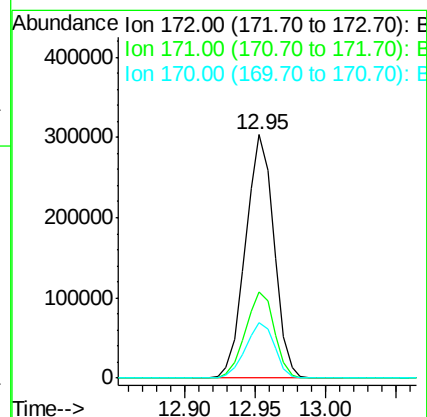
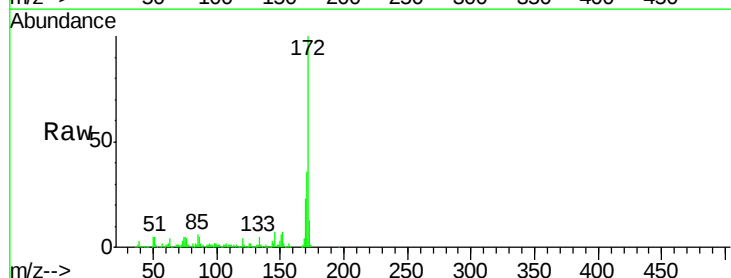
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion:196 Resp: 69169
 Ion Ratio Lower Upper
 196 100
 198 91.5 71.4 107.0
 97 55.2 45.4 68.0
 132 29.8 22.5 33.7



#44
 2-Fluorobiphenyl
 Concen: 78.93 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:172 Resp: 427923
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.0 18.4 27.6

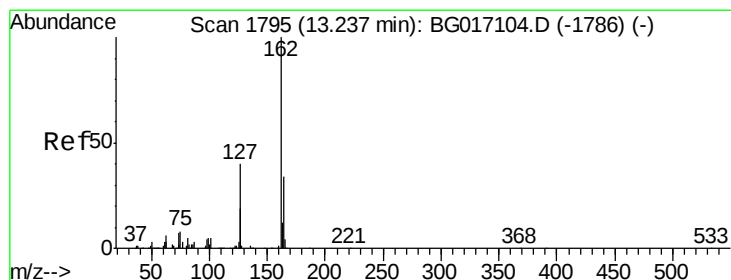
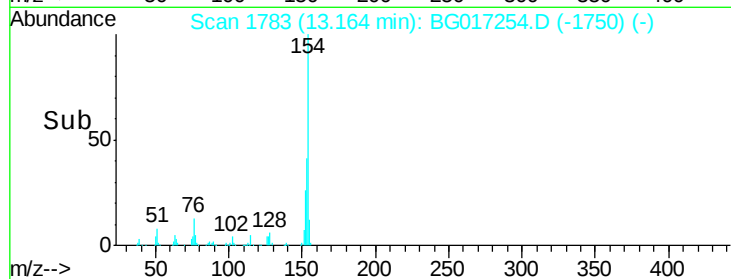
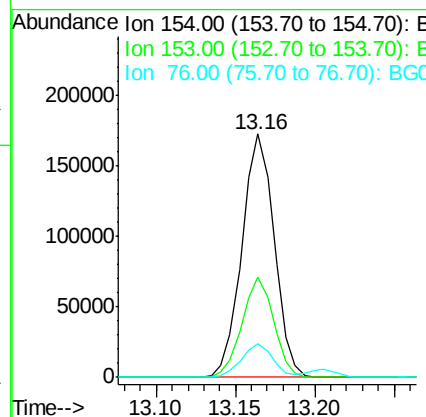
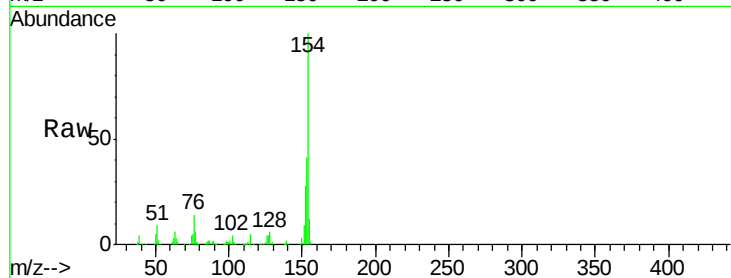




#45
 1,1'-Biphenyl
 Concen: 42.45 ng
 RT: 13.16 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

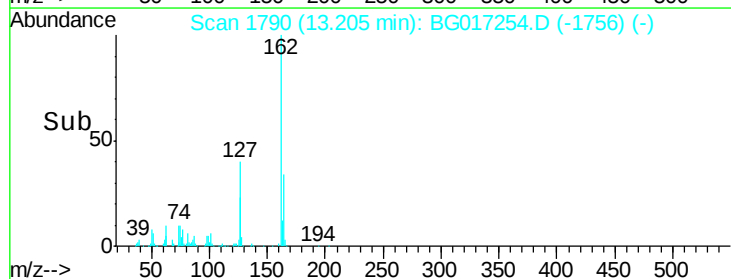
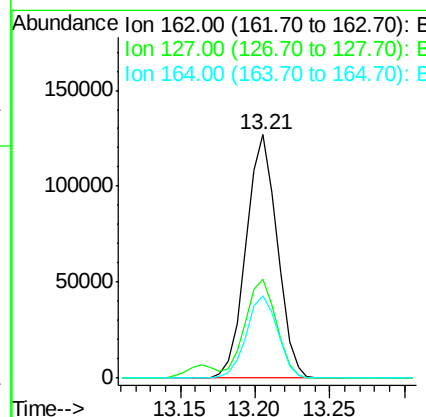
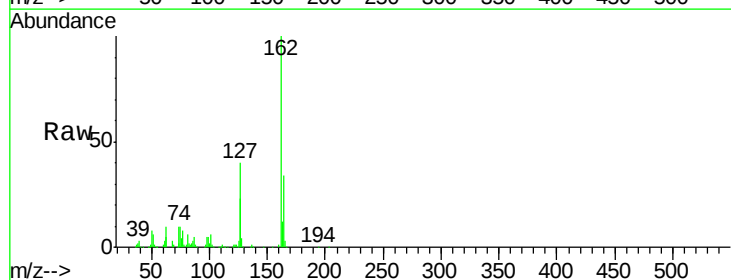
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	13.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 40.27 ng
 RT: 13.21 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.5	50.3
164	34.0	27.0	40.6

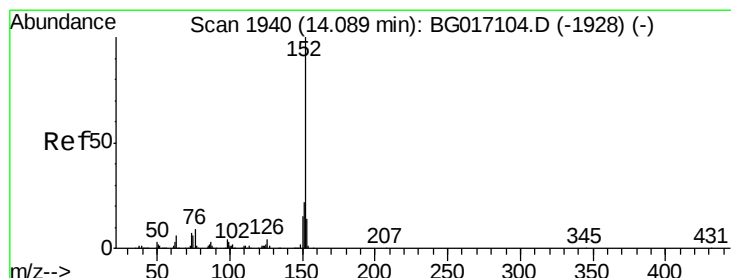
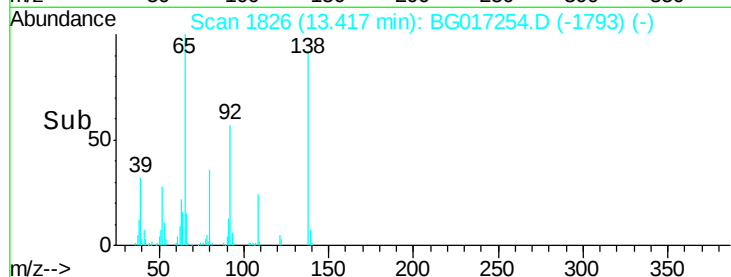
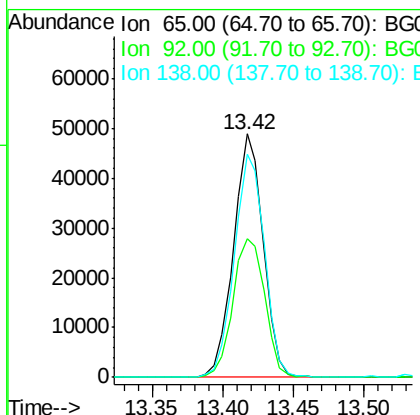
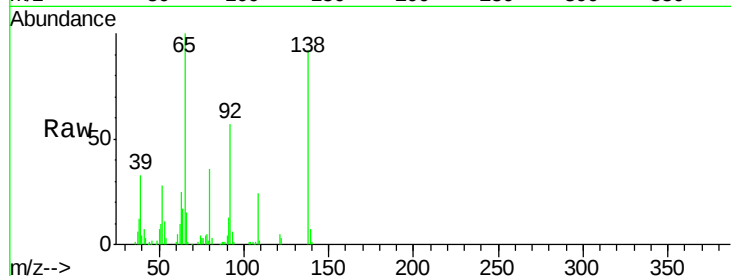




#47
2-Nitroaniline
Concen: 40.48 ng
RT: 13.42 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

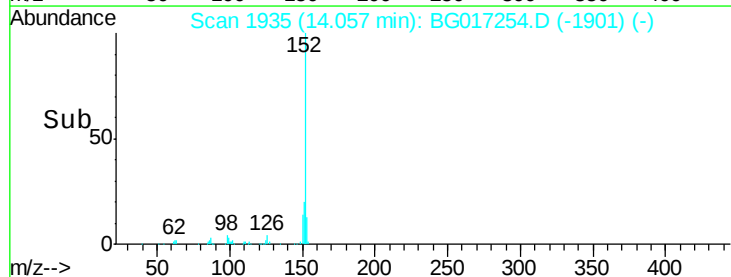
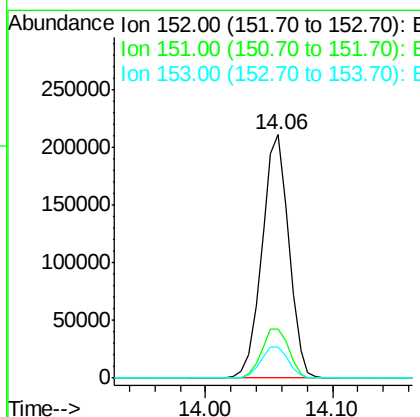
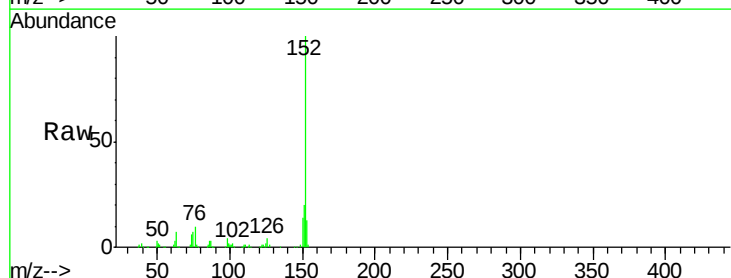
Instrument :
BNA_G
ClientSampleId :
PB83561BS

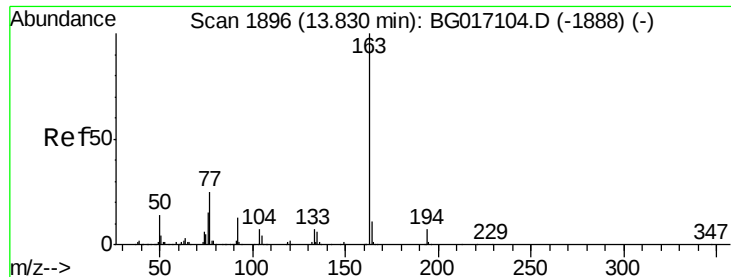
Tgt Ion: 65 Resp: 71450
Ion Ratio Lower Upper
65 100
92 56.9 51.0 76.4
138 91.9 79.3 118.9



#48
Acenaphthylene
Concen: 39.96 ng
RT: 14.06 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion: 152 Resp: 310512
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 12.9 10.8 16.2

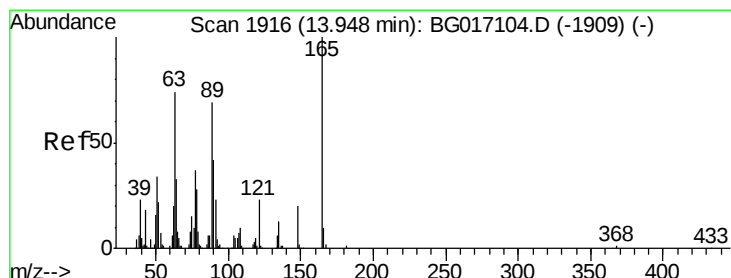
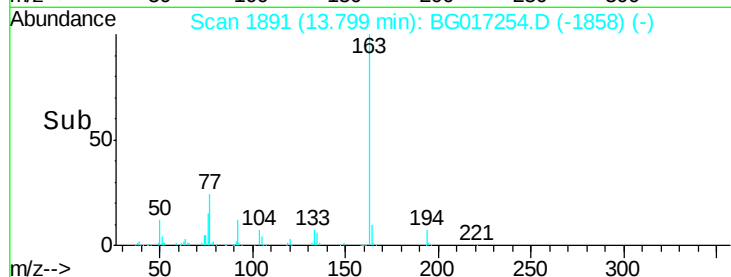
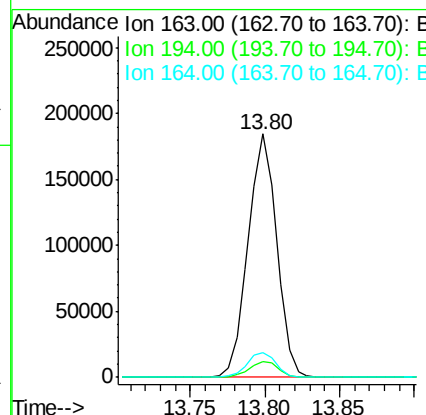
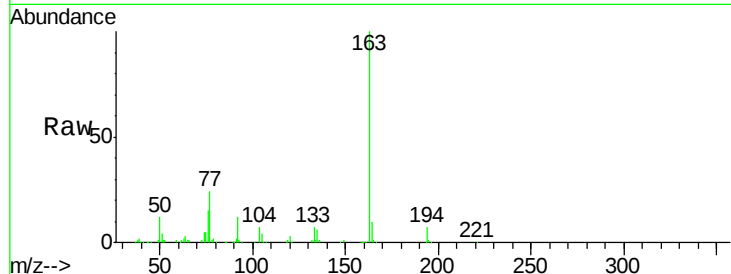




#49
Dimethylphthalate
Concen: 39.19 ng
RT: 13.80 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

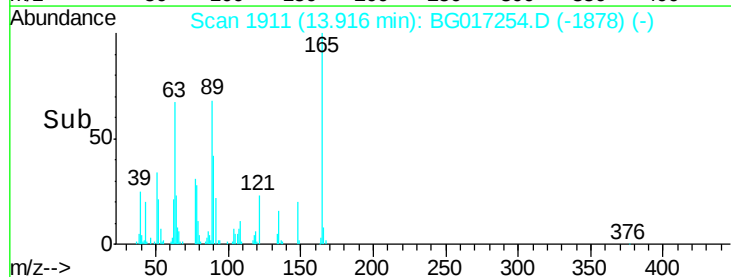
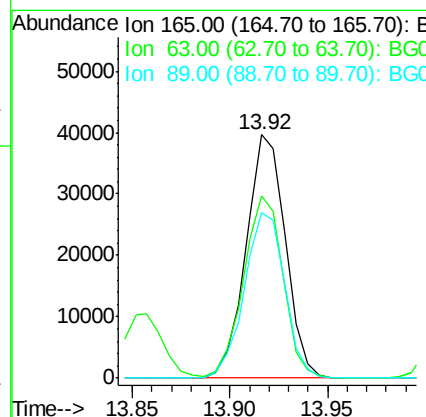
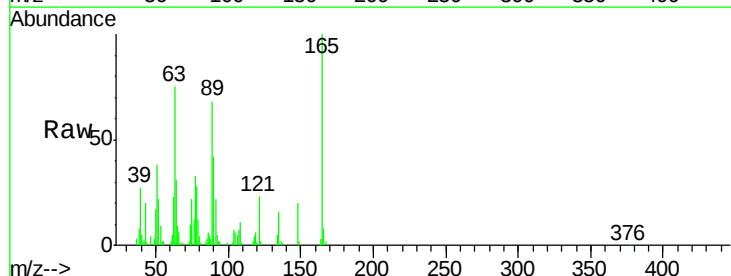
Instrument :
BNA_G
ClientSampleId :
PB83561BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.6	8.4
164	10.4	8.6	13.0



#50
2,6-Dinitrotoluene
Concen: 39.93 ng
RT: 13.92 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.9	60.6	90.8
89	68.0	55.0	82.6





#51

Acenaphthene

Concen: 39.92 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

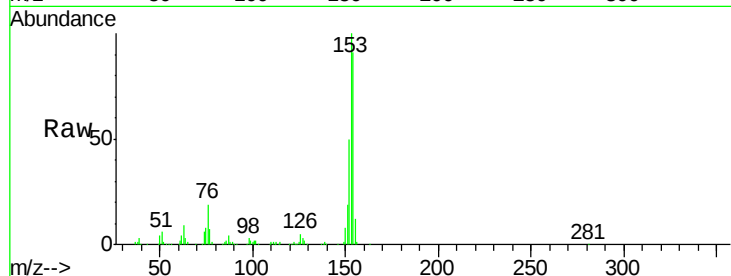
Instrument :

BNA_G

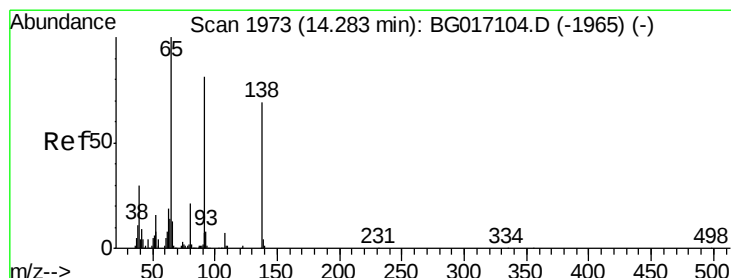
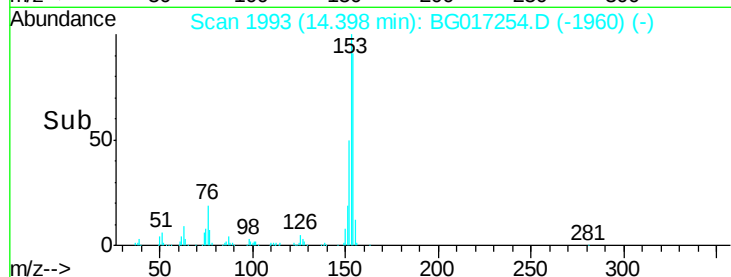
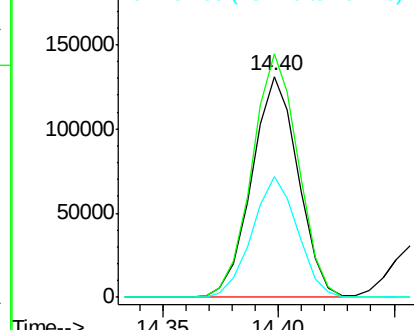
ClientSampleId :

PB83561BS

Tgt Ion:	154	Resp:	183207
Ion	Ratio	Lower	Upper
154	100		
153	110.2	86.2	129.4
152	54.9	41.5	62.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.40 ng

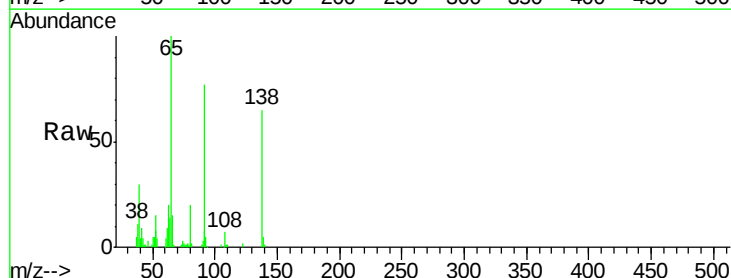
RT: 14.25 min Scan# 1968

Delta R.T. -0.00 min

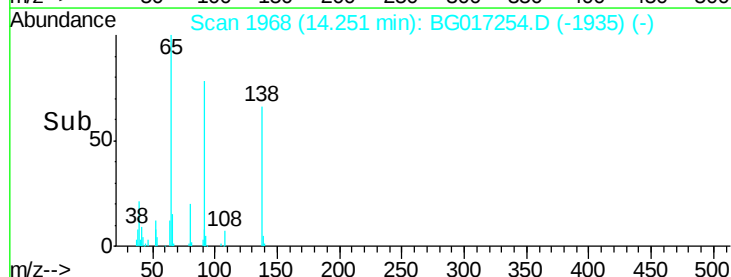
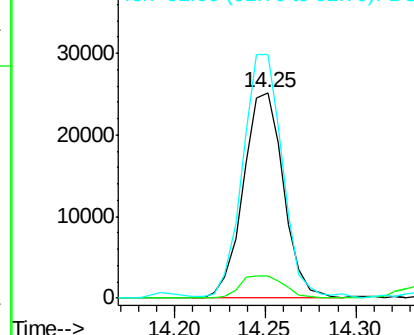
Lab File: BG017254.D

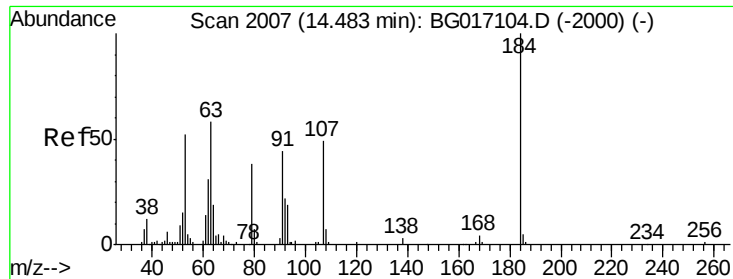
Acq: 22 May 2015 20:06

Tgt Ion:	138	Resp:	38847
Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.6	11.4
92	118.4	93.6	140.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG

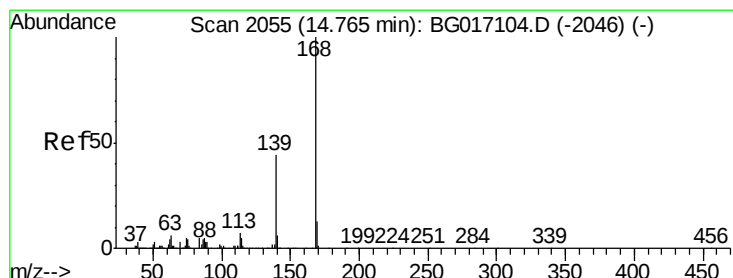
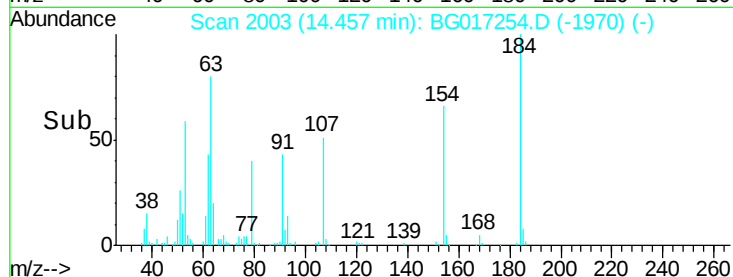
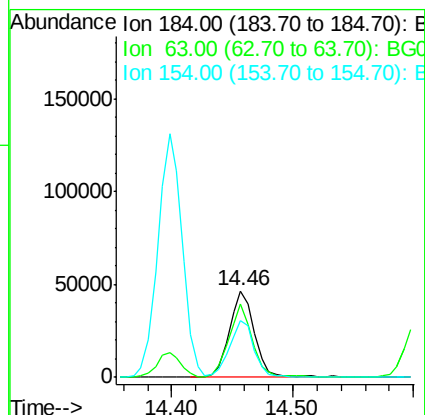
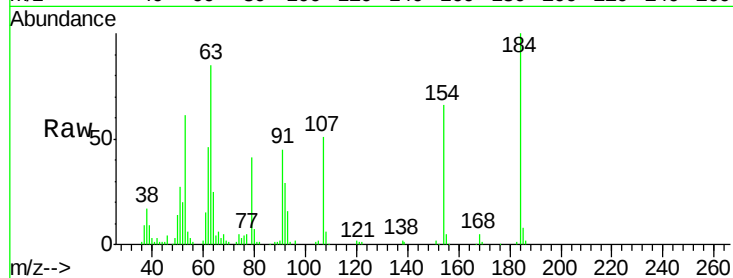




#53
 2,4-Dinitrophenol
 Concen: 83.97 ng
 RT: 14.46 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

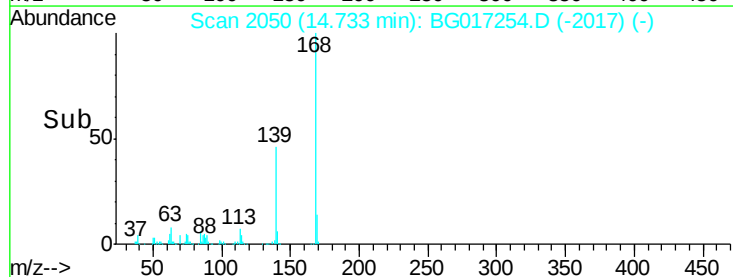
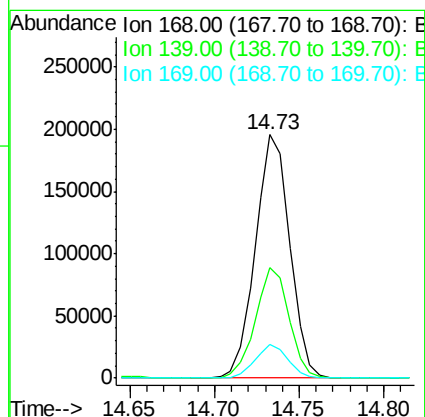
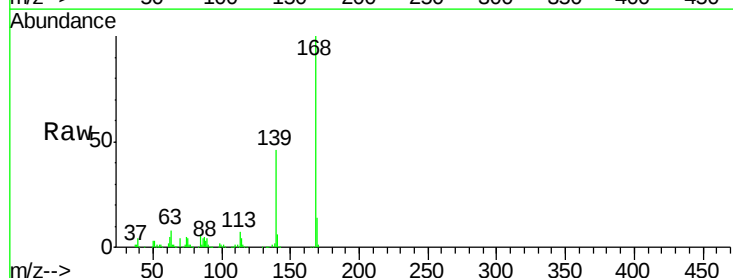
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion:184 Resp: 67208
 Ion Ratio Lower Upper
 184 100
 63 85.0 63.6 95.4
 154 66.1 47.8 71.6



#54
 Dibenzofuran
 Concen: 40.50 ng
 RT: 14.73 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:168 Resp: 276342
 Ion Ratio Lower Upper
 168 100
 139 45.6 34.9 52.3
 169 13.9 10.5 15.7

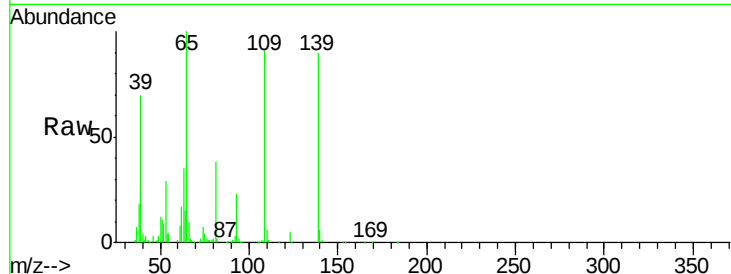




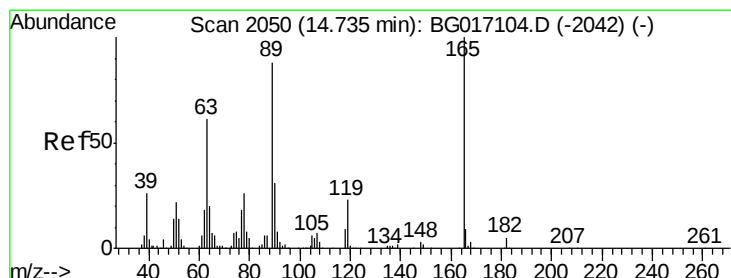
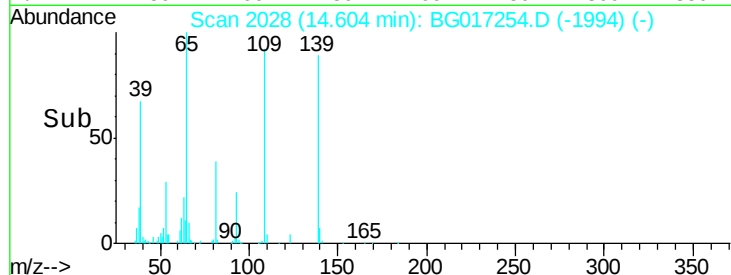
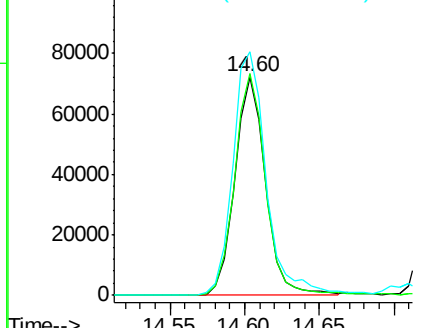
#55
4-Nitrophenol
Concen: 83.80 ng
RT: 14.60 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Instrument :
BNA_G
ClientSampleId :
PB83561BS

Tgt Ion:139 Resp: 103197
Ion Ratio Lower Upper
139 100
109 101.8 90.5 130.5
65 111.5 99.9 139.9

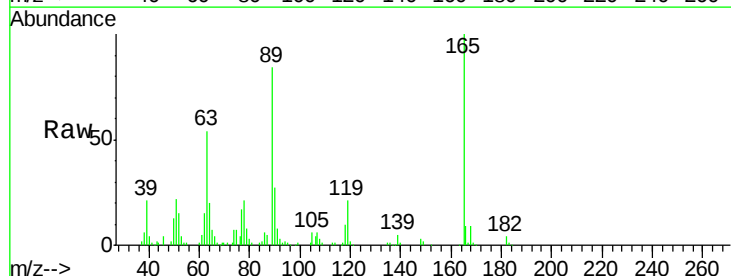


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

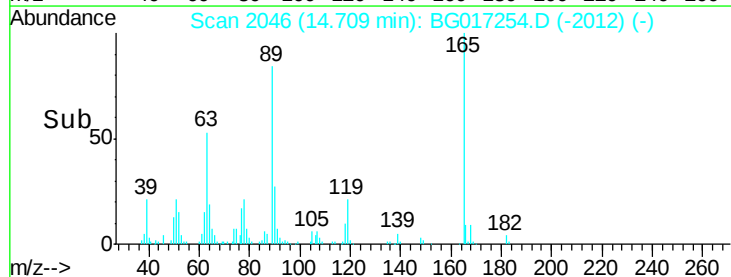
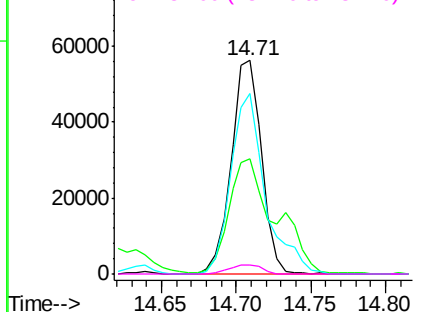


#56
2,4-Dinitrotoluene
Concen: 41.51 ng
RT: 14.71 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion:165 Resp: 79806
Ion Ratio Lower Upper
165 100
63 54.1 49.0 73.4
89 84.3 70.1 105.1
182 4.3 3.9 5.9



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





#57

Fluorene

Concen: 40.33 ng

RT: 15.39 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

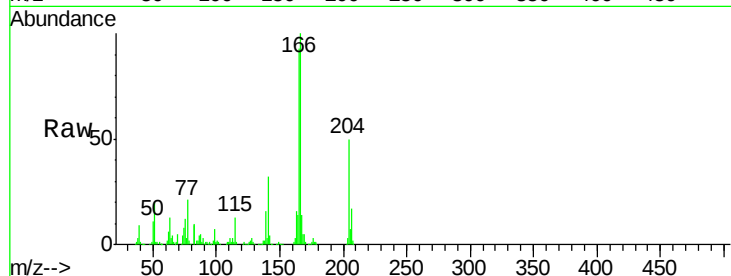
Tgt Ion:166 Resp: 243590

Ion Ratio Lower Upper

166 100

165 92.5 74.2 111.4

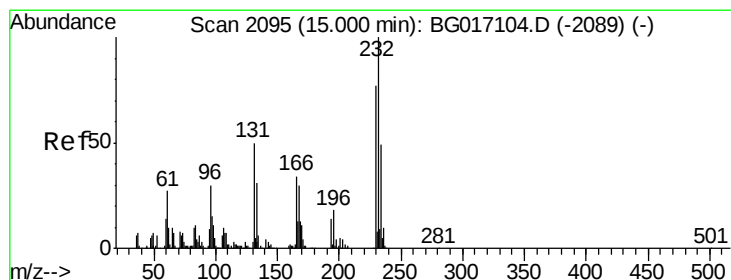
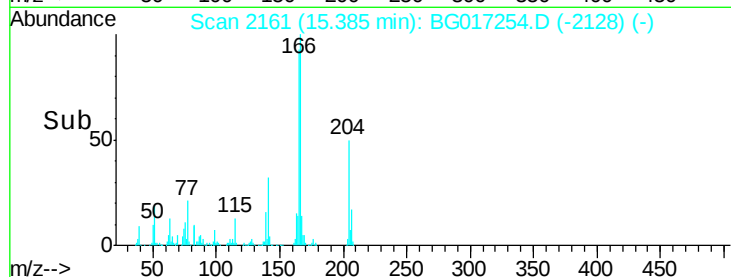
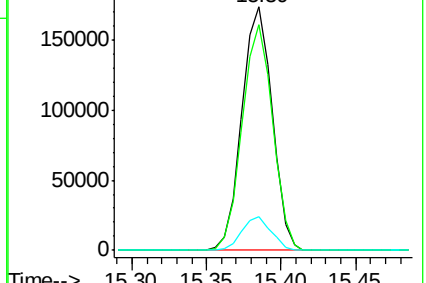
167 13.8 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.90 ng

RT: 14.97 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Tgt Ion:232 Resp: 63257

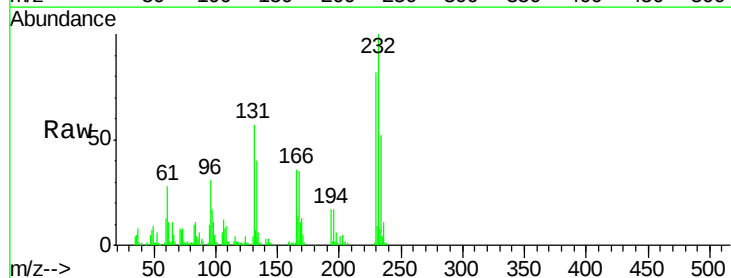
Ion Ratio Lower Upper

232 100

131 53.6 42.7 64.1

130 3.5 3.0 4.4

166 32.7 25.7 38.5

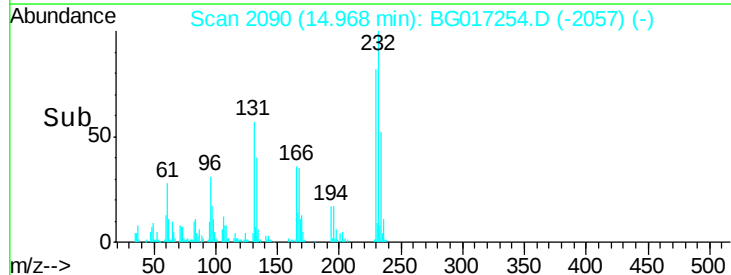
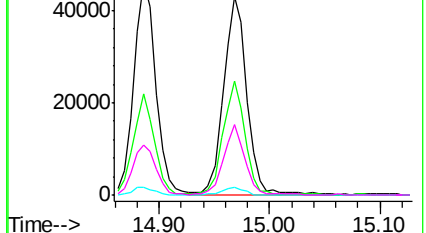


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

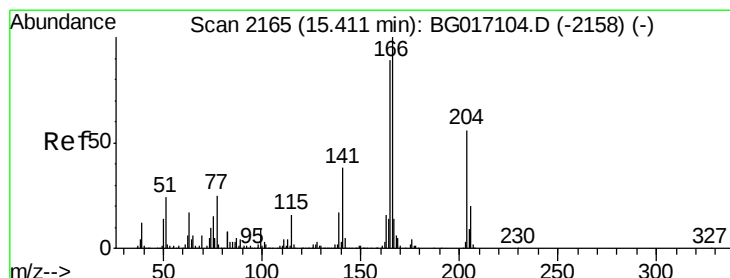
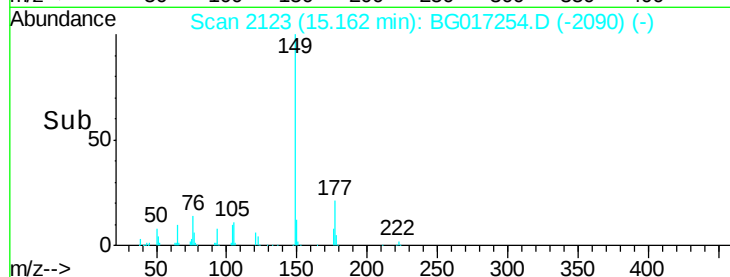
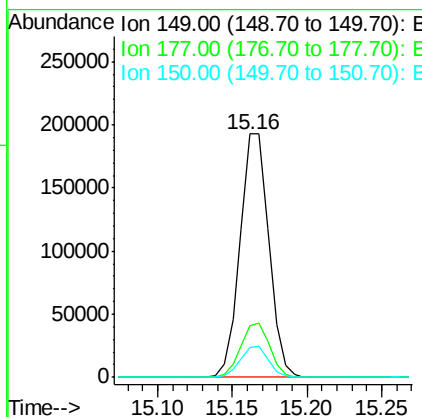
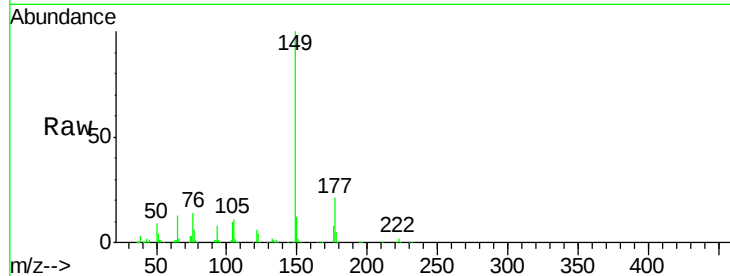




#59
Diethylphthalate
Concen: 38.68 ng
RT: 15.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

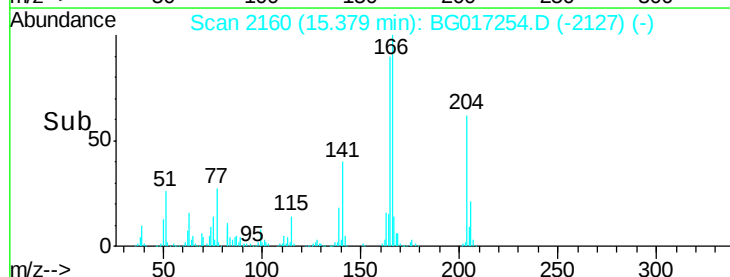
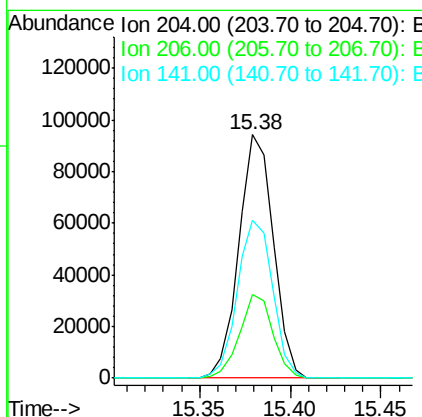
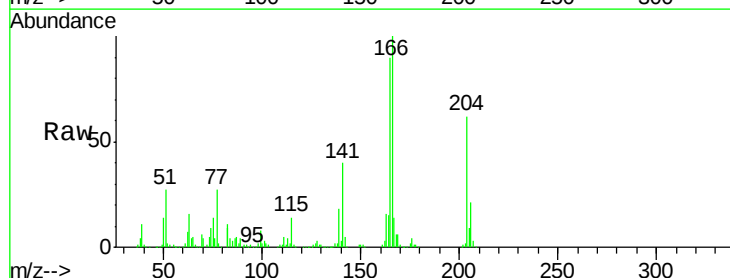
Instrument :
BNA_G
ClientSampleId :
PB83561BS

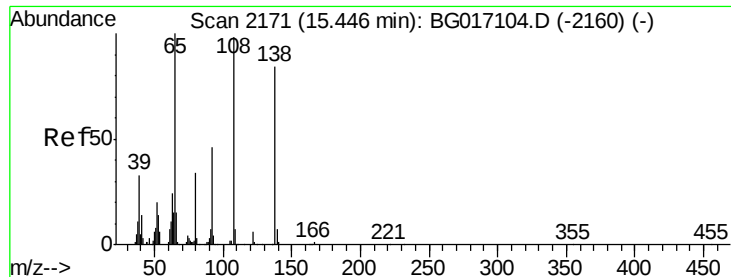
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.3	27.5
150	12.4	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 40.13 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.6	42.8
141	64.7	54.2	81.2

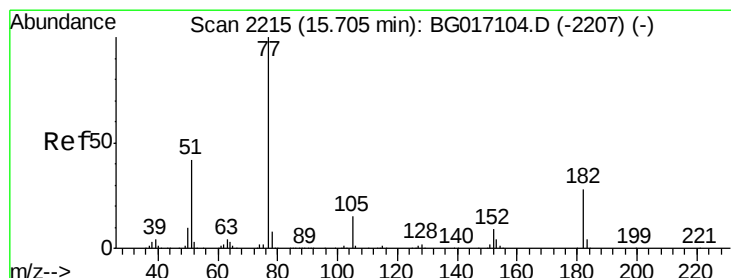
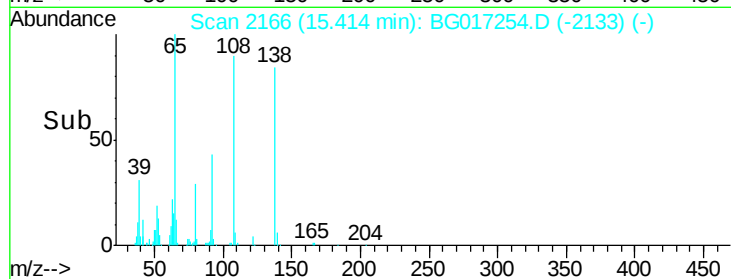
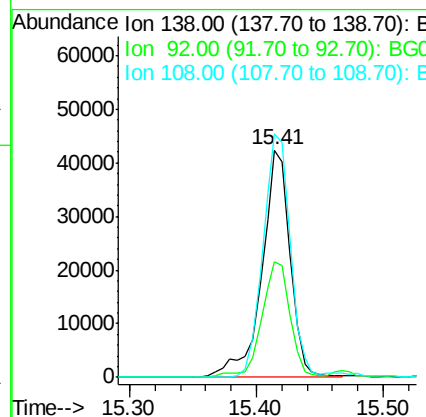
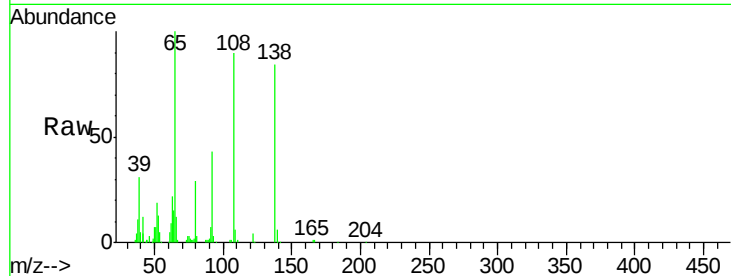




#61
4-Nitroaniline
Concen: 38.80 ng
RT: 15.41 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

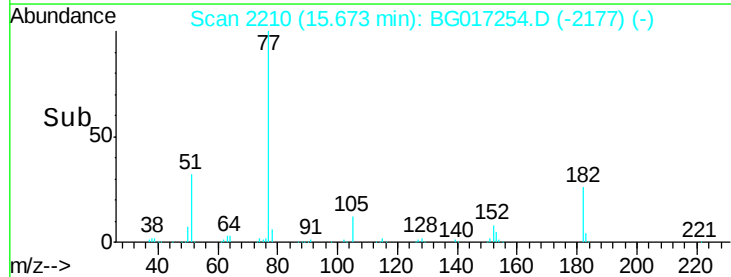
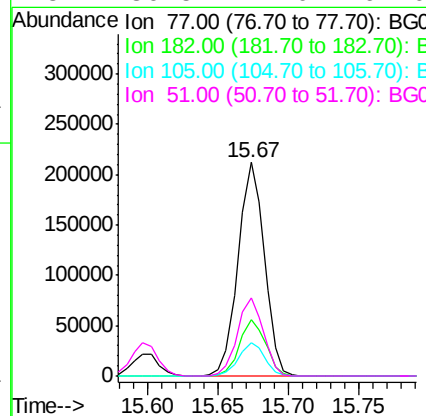
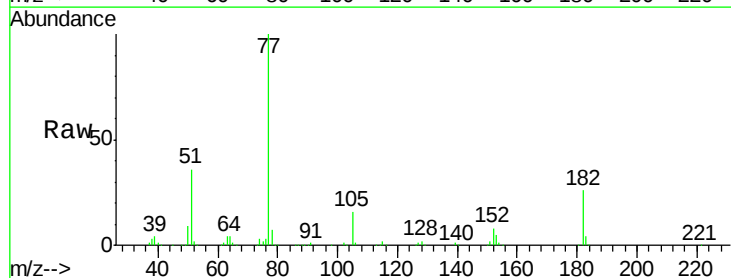
Instrument :
BNA_G
ClientSampleId :
PB83561BS

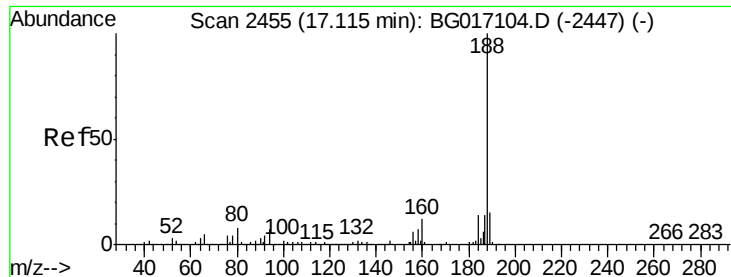
Tgt Ion:138 Resp: 66197
Ion Ratio Lower Upper
138 100
92 51.0 34.9 74.9
108 107.2 95.8 135.8



#62
Azobenzene
Concen: 43.20 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion: 77 Resp: 275755
Ion Ratio Lower Upper
77 100
182 26.3 8.1 48.1
105 15.8 0.0 34.8
51 36.5 22.0 62.0

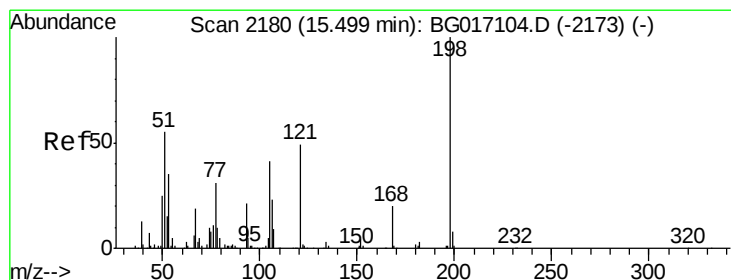
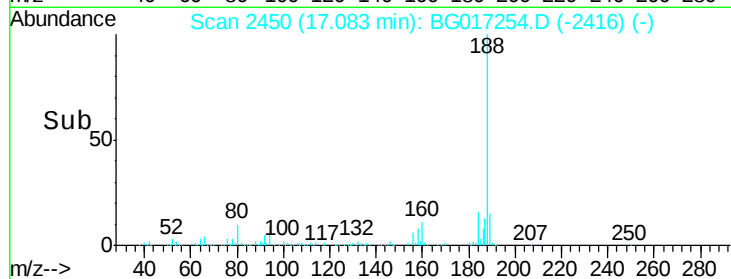
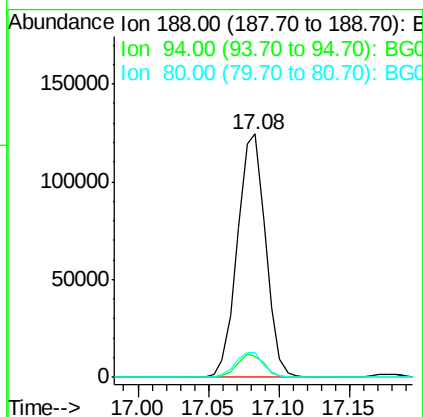
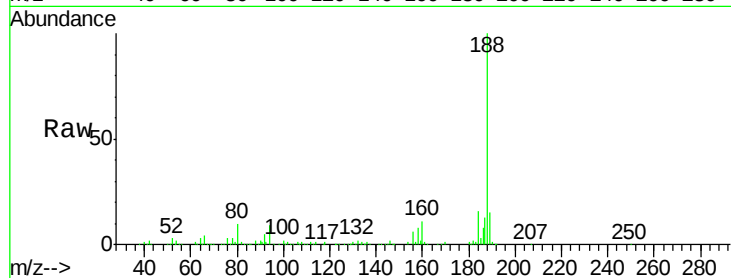




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

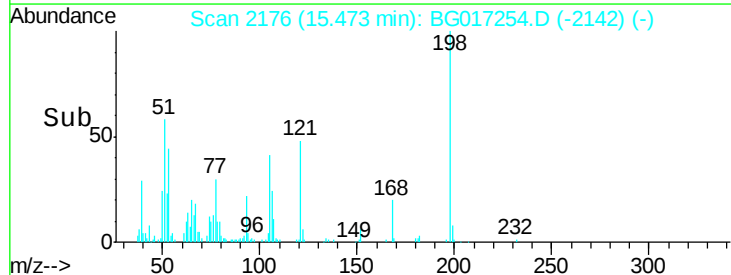
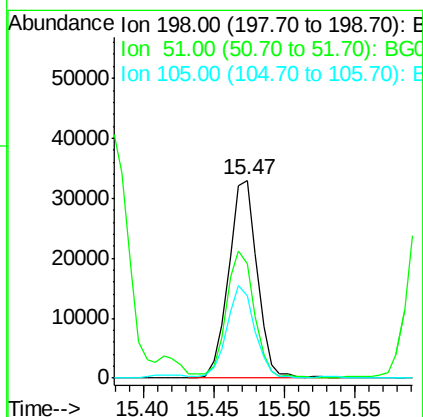
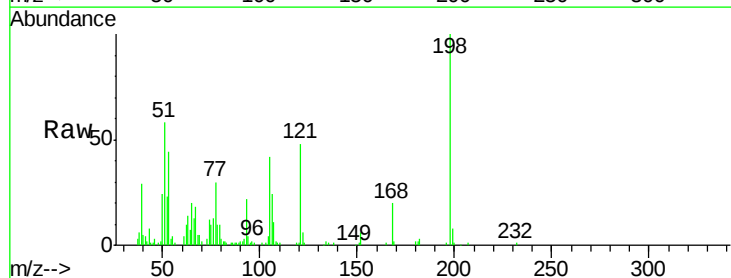
Instrument :
BNA_G
ClientSampleId :
PB83561BS

Tgt Ion:188 Resp: 172943
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 10.0 6.5 9.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.11 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion:198 Resp: 46363
Ion Ratio Lower Upper
198 100
51 57.9 39.9 79.9
105 41.5 22.0 62.0





#65

n-Nitrosodiphenylamine

Concen: 40.20 ng

RT: 15.60 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

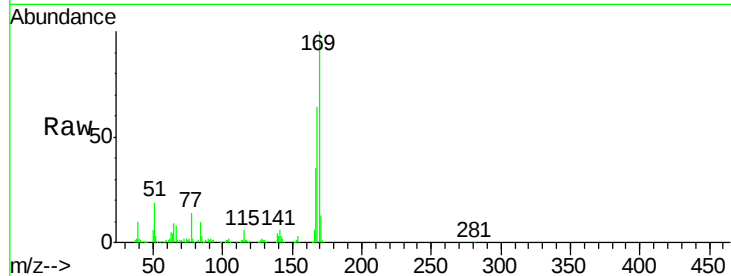
Tgt Ion:169 Resp: 213427

Ion Ratio Lower Upper

169 100

168 63.6 51.7 77.5

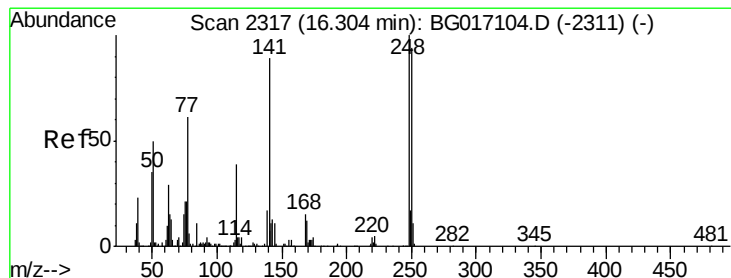
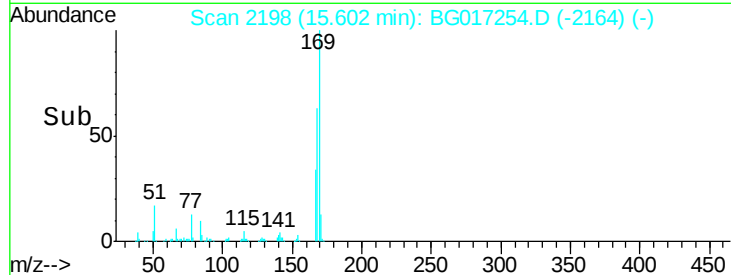
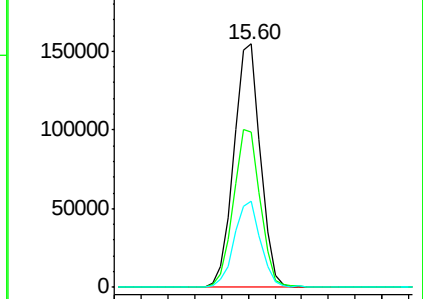
167 35.4 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

RT: 16.28 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

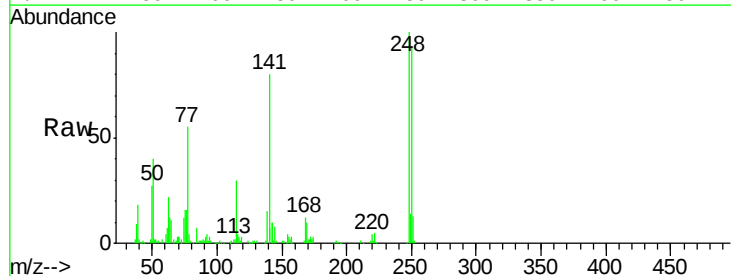
Tgt Ion:248 Resp: 76490

Ion Ratio Lower Upper

248 100

250 92.6 75.0 112.4

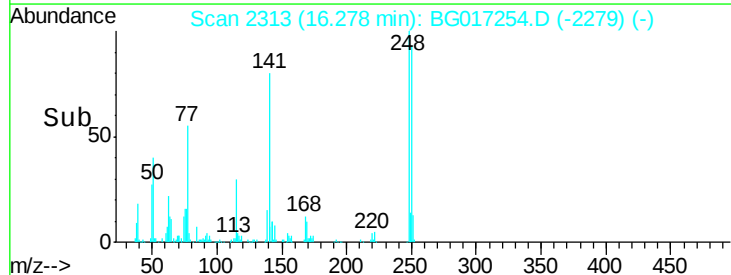
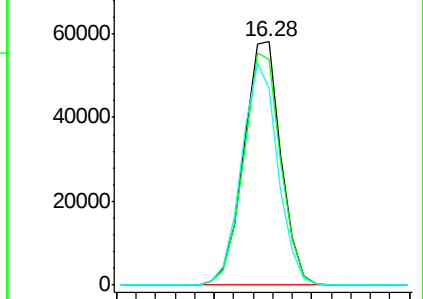
141 80.4 71.3 106.9

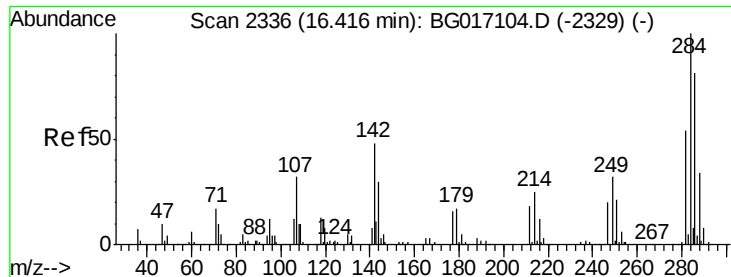


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.00 ng

RT: 16.39 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

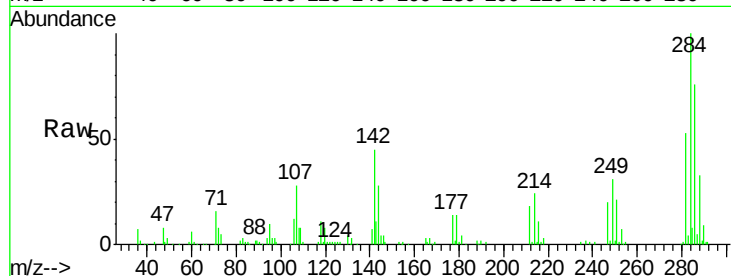
Tgt Ion:284 Resp: 79619

Ion Ratio Lower Upper

284 100

142 44.7 38.2 57.2

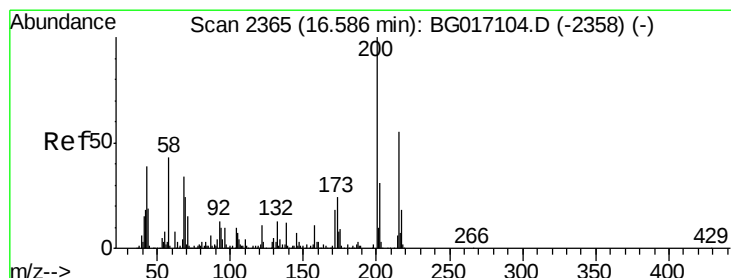
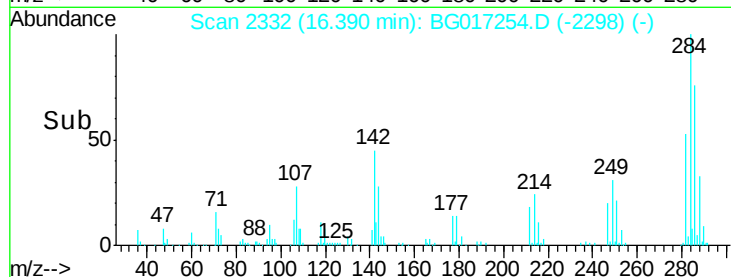
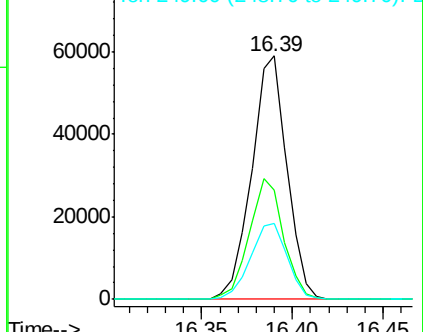
249 31.2 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.73 ng

RT: 16.55 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

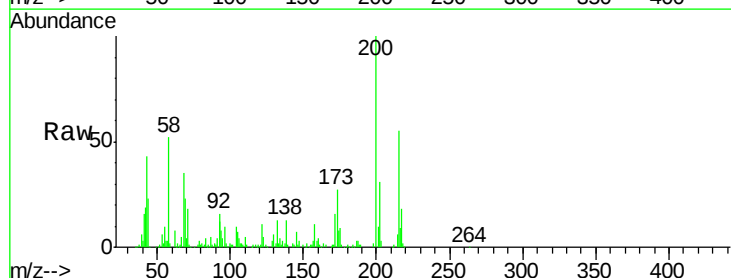
Tgt Ion:200 Resp: 82996

Ion Ratio Lower Upper

200 100

173 27.3 3.7 43.7

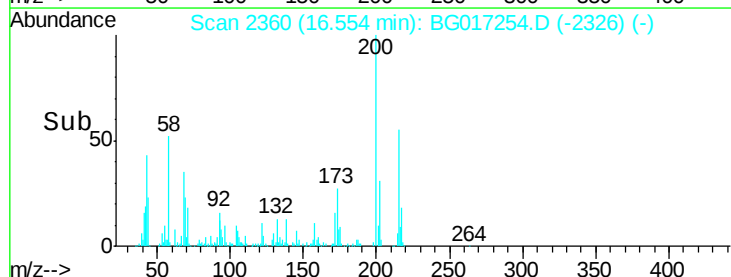
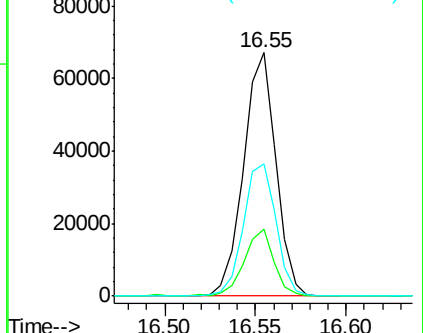
215 54.6 35.5 75.5

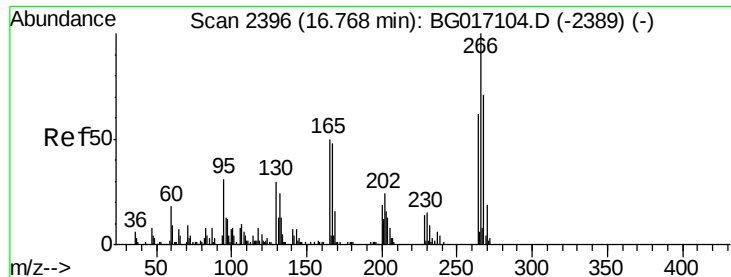


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.30 ng

RT: 16.74 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

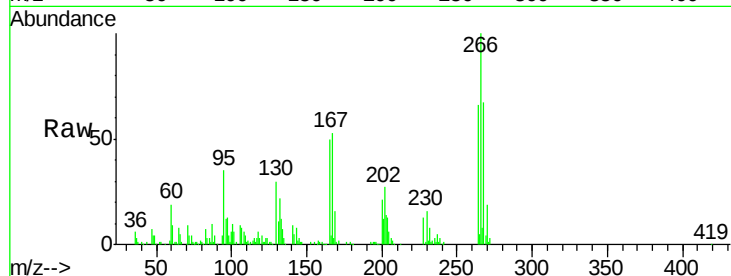
Tgt Ion:266 Resp: 99777

Ion Ratio Lower Upper

266 100

268 67.3 56.6 84.8

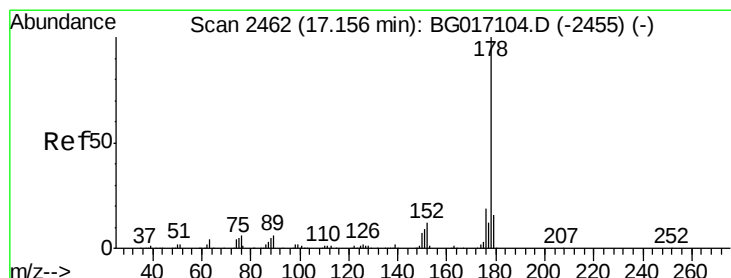
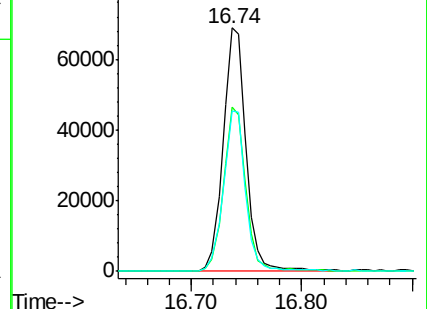
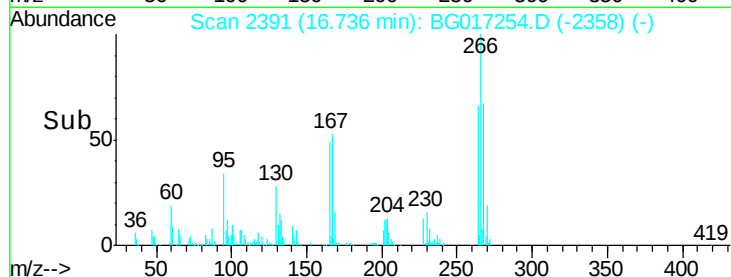
264 65.8 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.39 ng

RT: 17.12 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

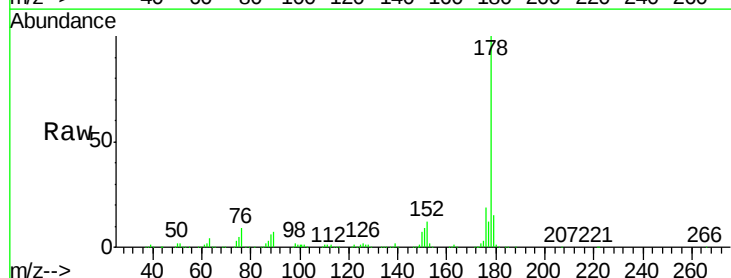
Tgt Ion:178 Resp: 369135

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

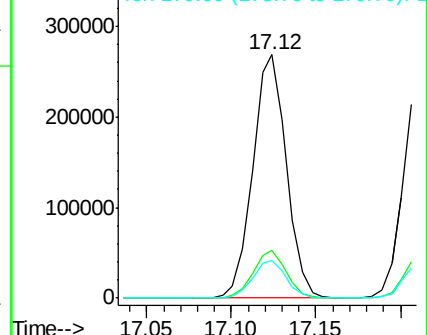
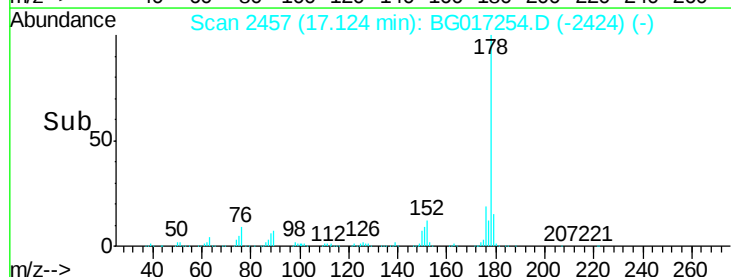
179 15.2 12.5 18.7

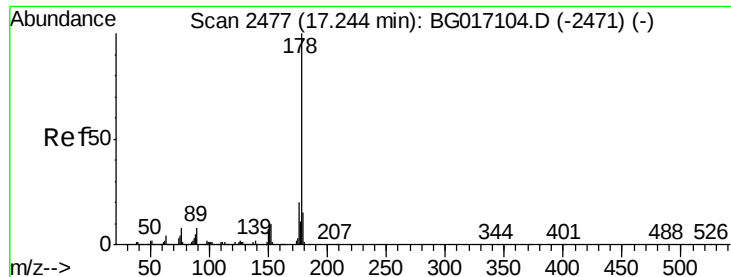


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

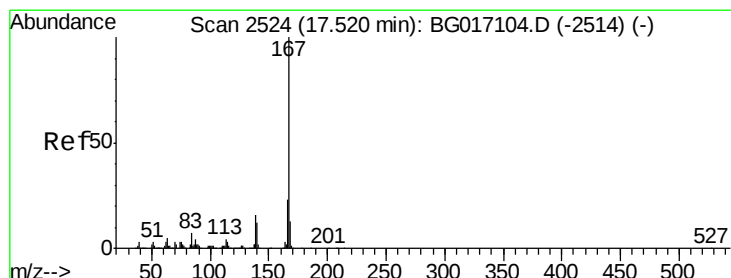
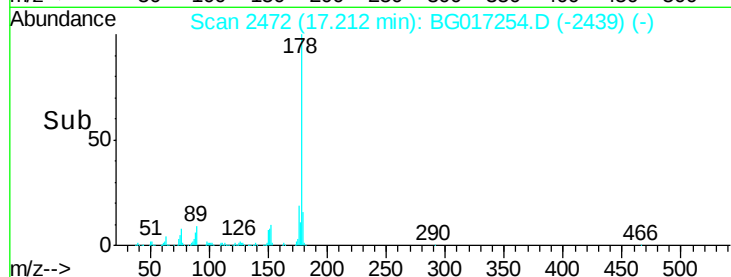
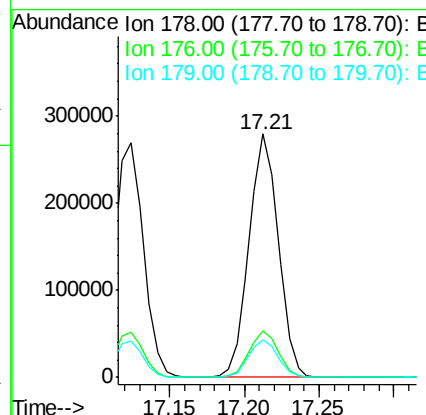
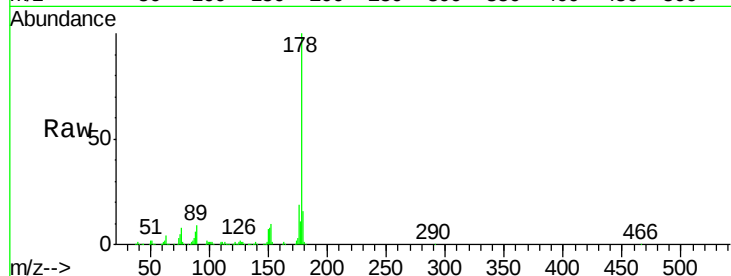




#71
 Anthracene
 Concen: 41.78 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

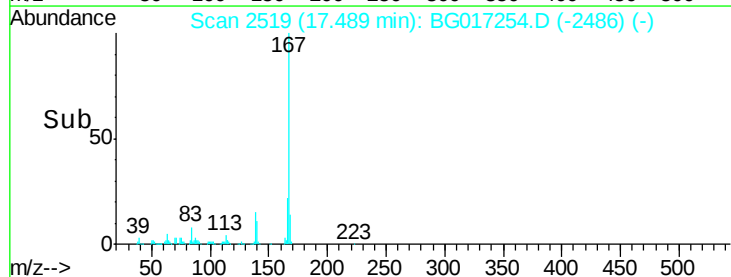
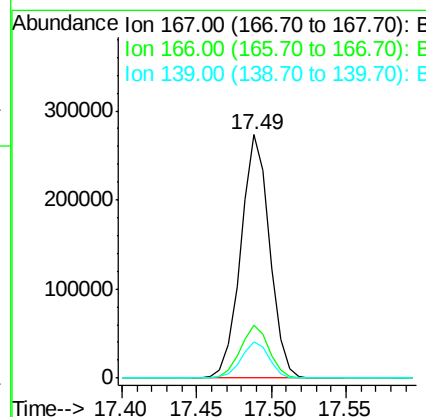
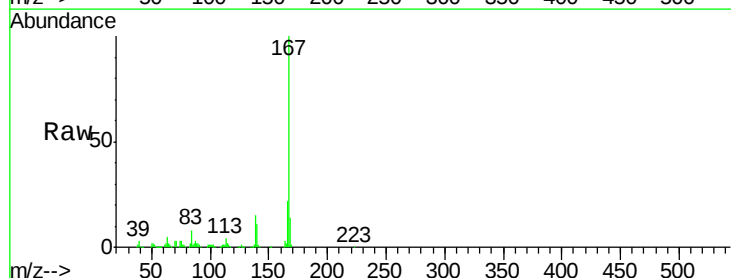
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

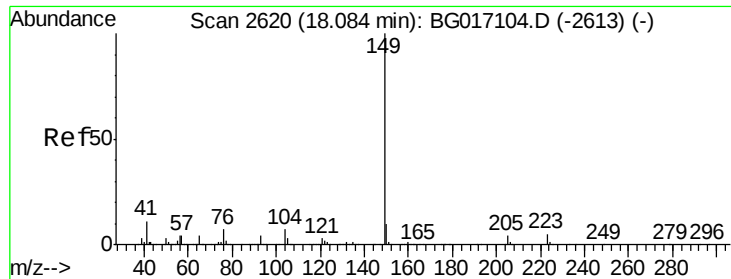
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.5	12.1	18.1



#72
 Carbazole
 Concen: 44.21 ng
 RT: 17.49 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.4	27.6
139	14.9	13.0	19.4





#73

Di-n-butylphthalate

Concen: 42.55 ng

RT: 18.05 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampled :

PB83561BS

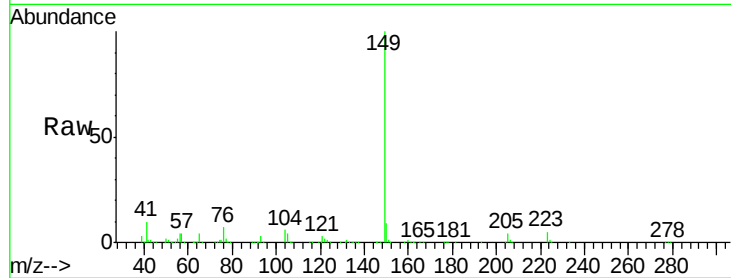
Tgt Ion:149 Resp: 472787

Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.4

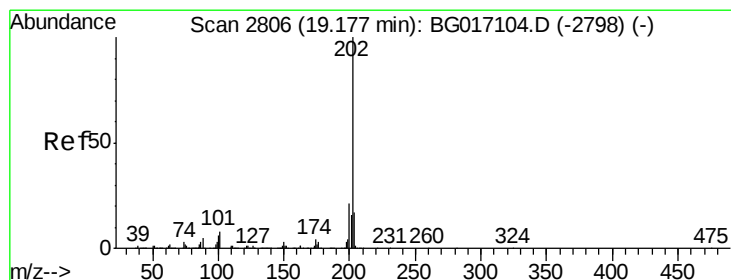
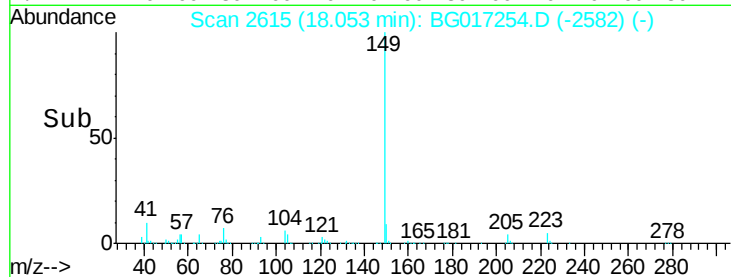
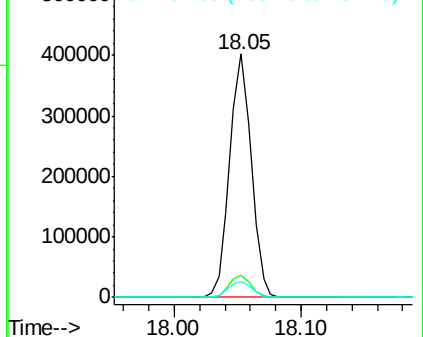
104 6.5 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.48 ng

RT: 19.14 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

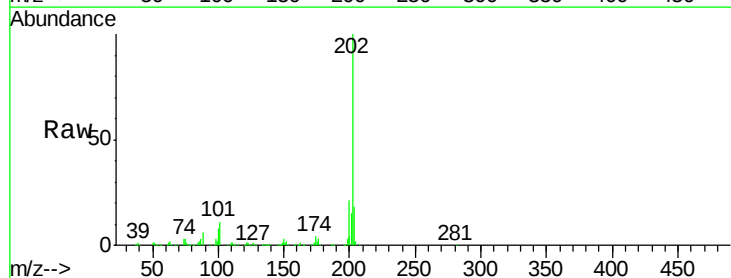
Tgt Ion:202 Resp: 465667

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.3

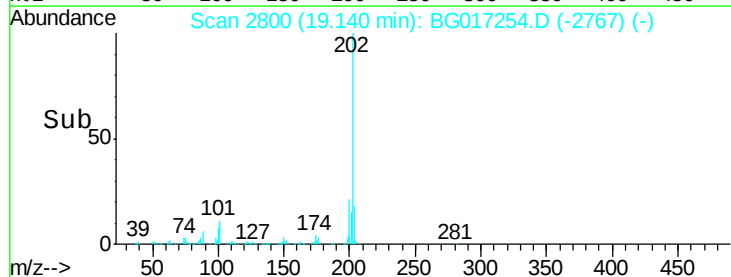
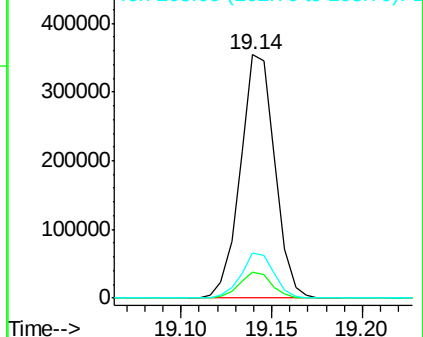
203 18.4 0.0 37.4

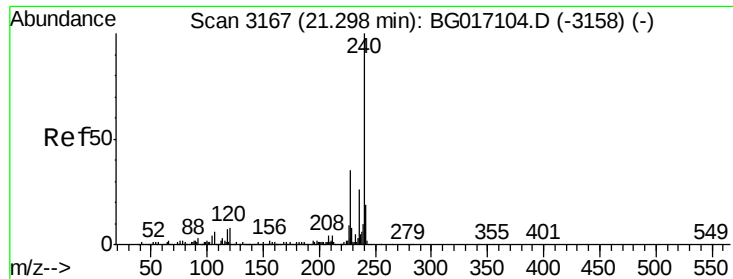


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

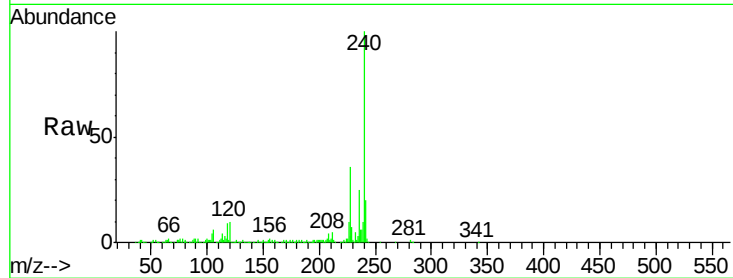
Tgt Ion:240 Resp: 202618

Ion Ratio Lower Upper

240 100

120 10.2 6.0 9.0#

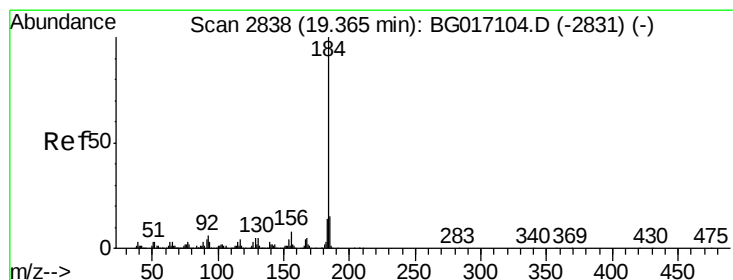
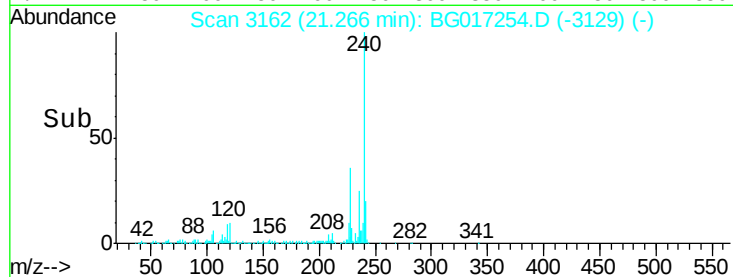
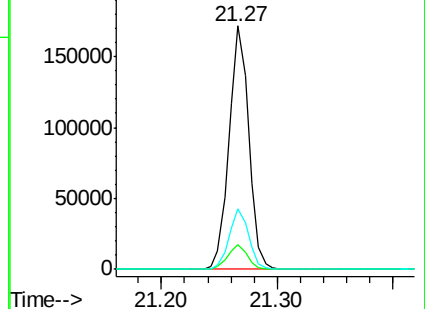
236 24.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.83 ng

RT: 19.33 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

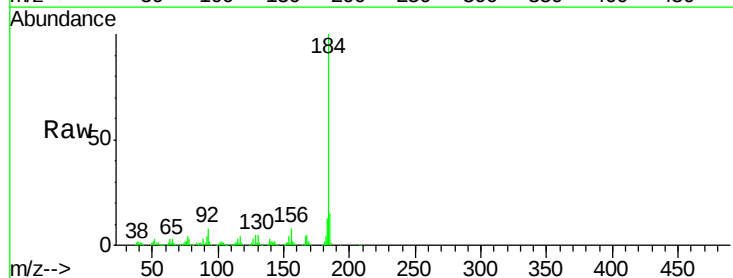
Tgt Ion:184 Resp: 250233

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

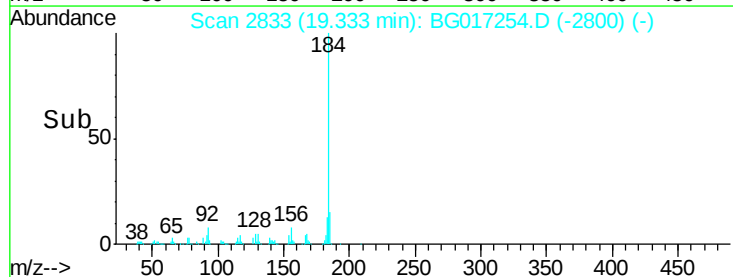
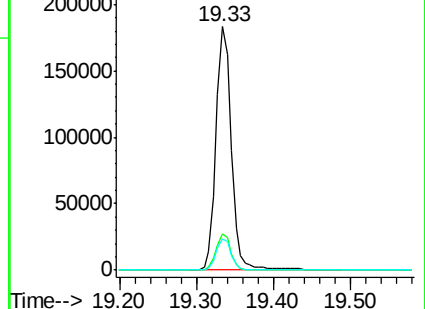
183 12.7 11.4 17.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

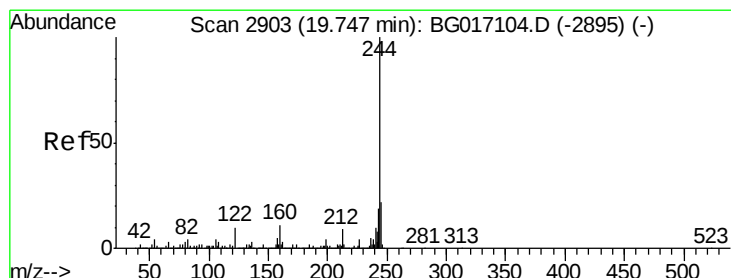
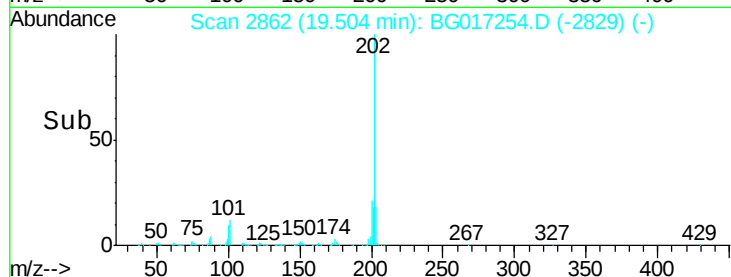
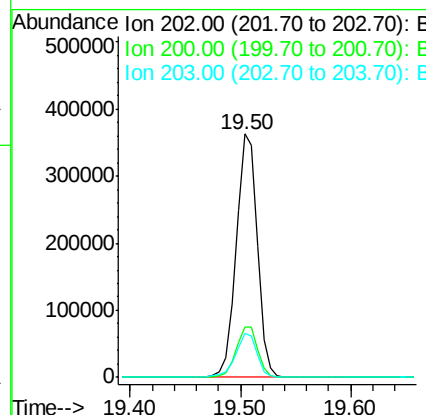
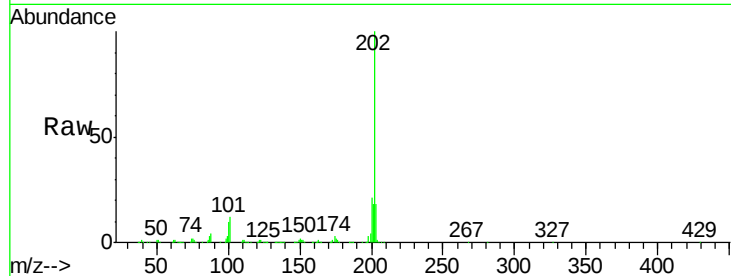




#77
 Pyrene
 Concen: 39.21 ng
 RT: 19.50 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

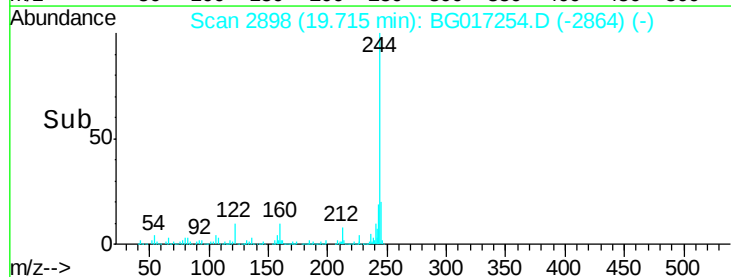
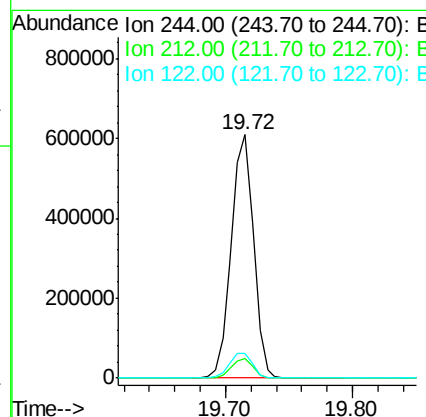
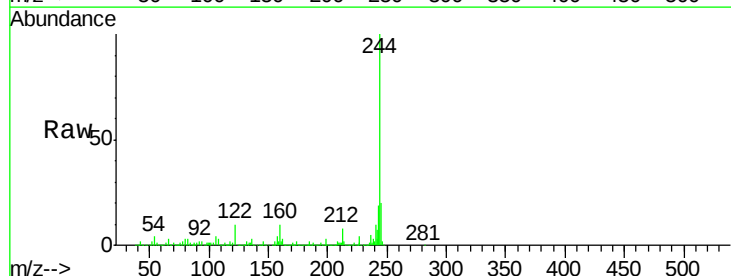
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

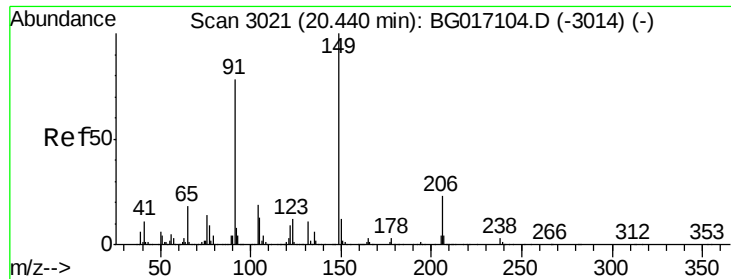
Tgt Ion:	202	Resp:	487415
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.8
203	17.9	14.4	21.6



#78
 Terphenyl-d14
 Concen: 76.06 ng
 RT: 19.72 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

Tgt Ion:	244	Resp:	739519
Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	10.4	8.4	12.6

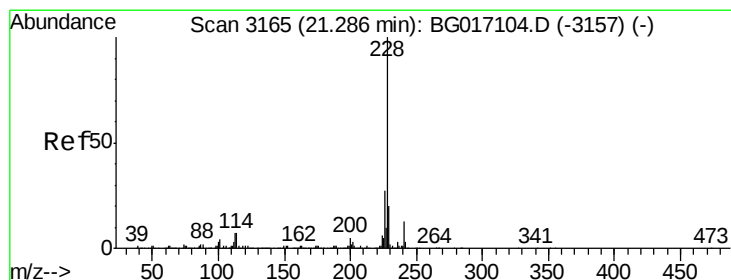
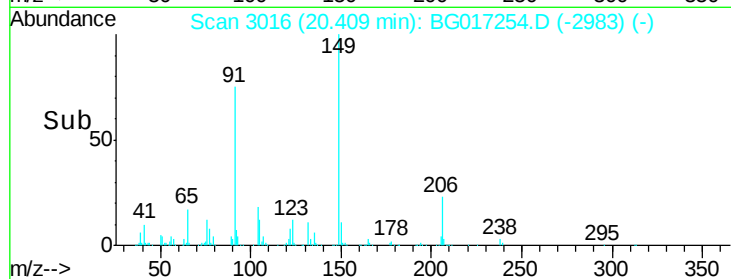
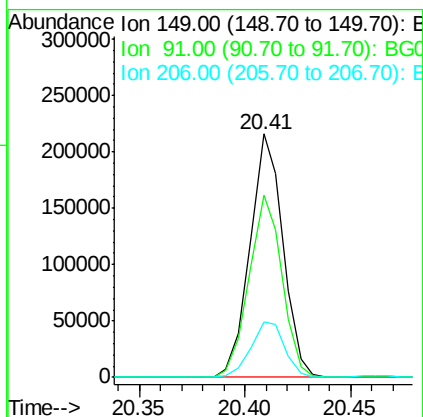
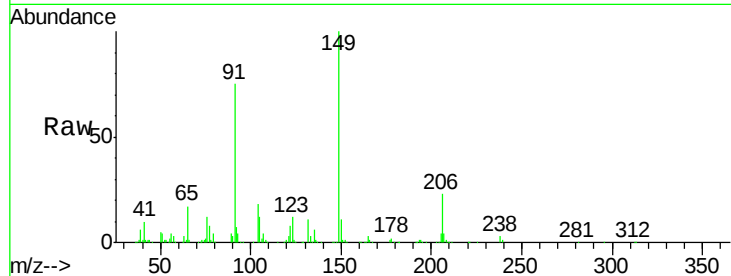




#79
Butylbenzylphthalate
Concen: 41.50 ng
RT: 20.41 min Scan# 3016
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

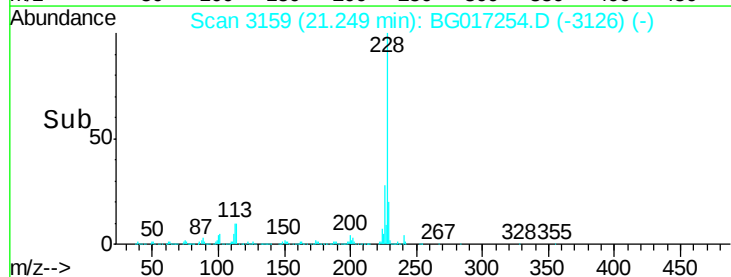
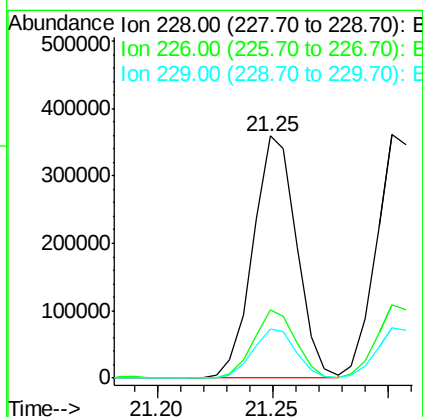
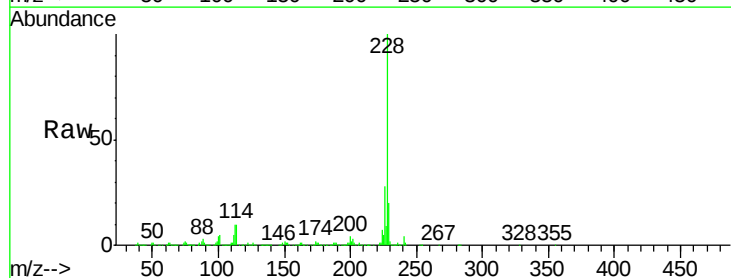
Instrument :
BNA_G
ClientSampleId :
PB83561BS

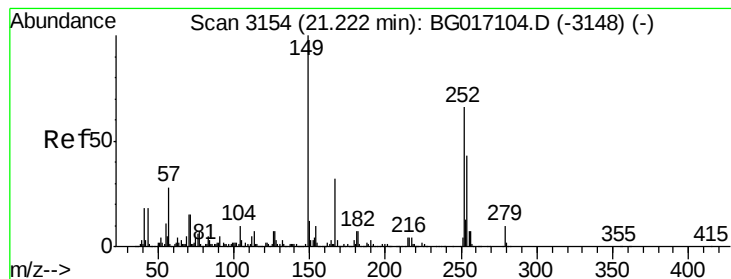
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	62.0	93.0
206	22.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 40.51 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG017254.D
Acq: 22 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	20.4	16.1	24.1





#81

3,3'-Dichlorobenzidine

Concen: 25.32 ng

RT: 21.19 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

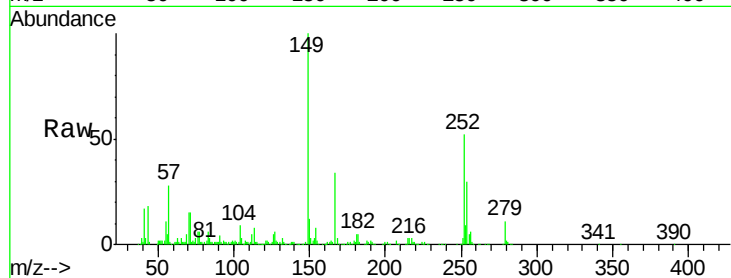
Tgt Ion:252 Resp: 113782

Ion Ratio Lower Upper

252 100

254 58.1 52.1 78.1

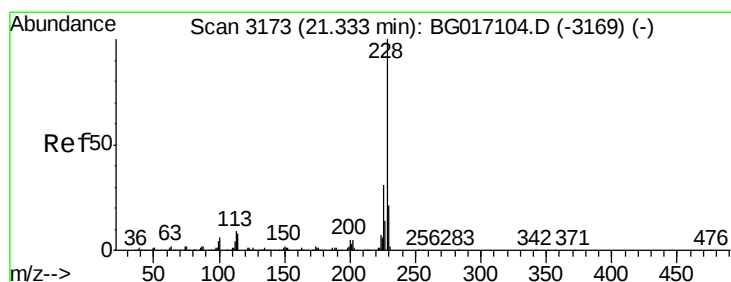
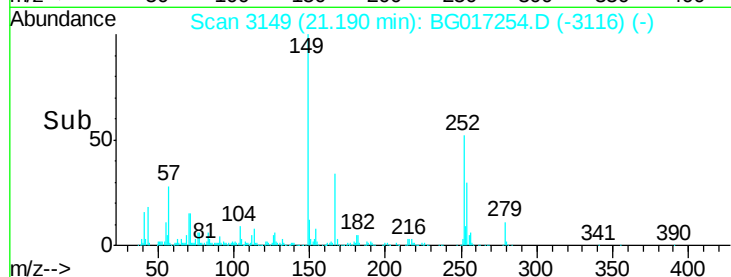
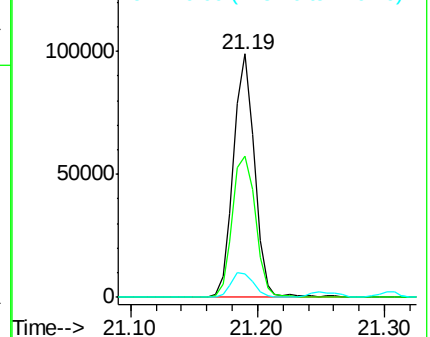
126 9.8 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.83 ng

RT: 21.30 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

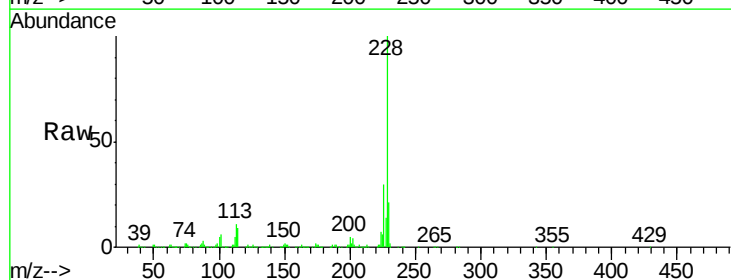
Tgt Ion:228 Resp: 441536

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

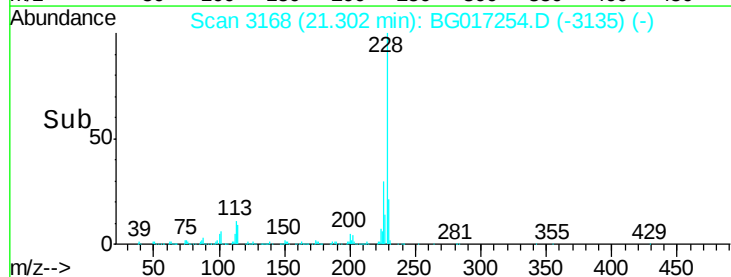
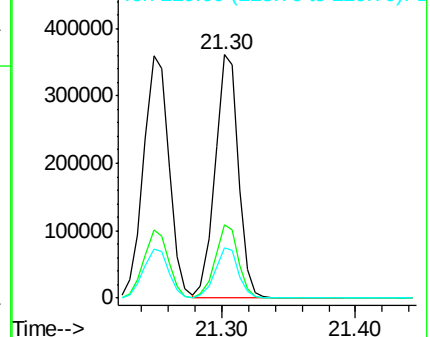
229 20.9 17.0 25.6

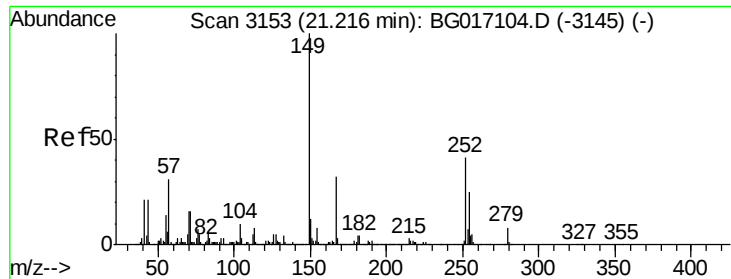


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

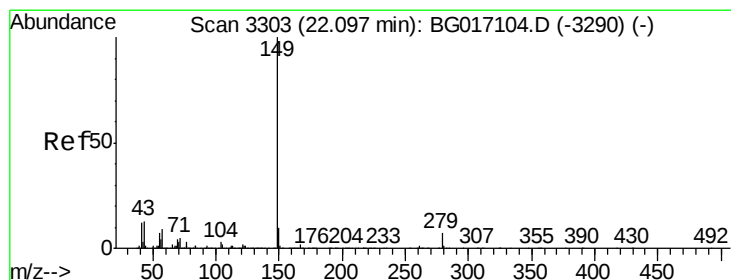
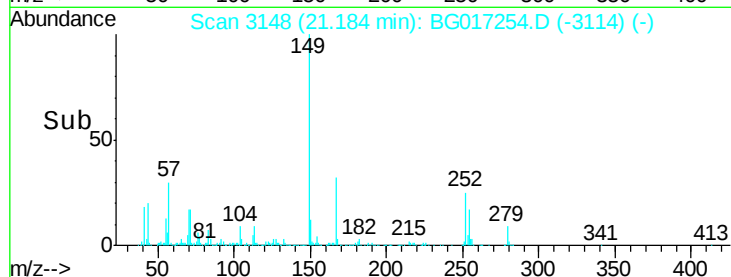
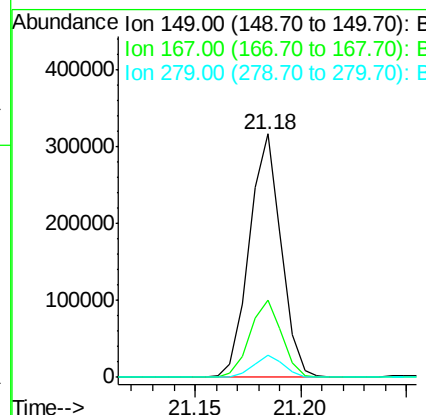
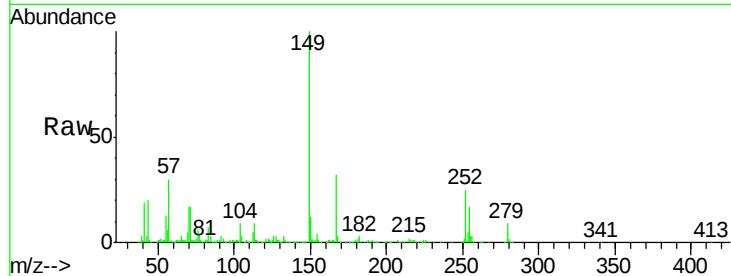




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.90 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

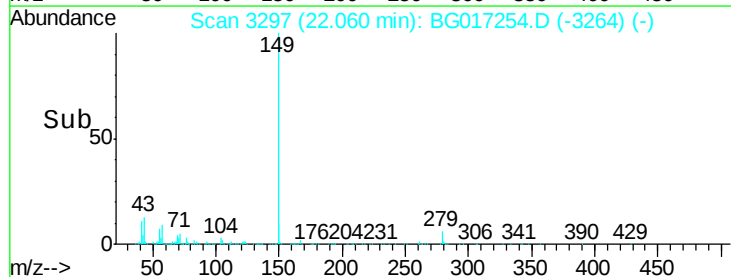
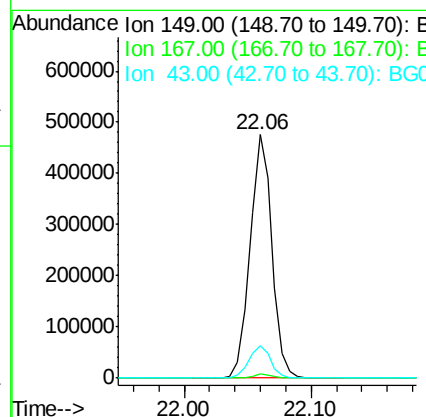
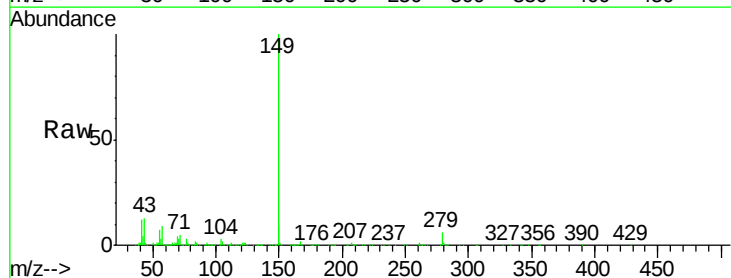
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	25.4	38.2
279	8.9	6.8	10.2



#84
 Di-n-octyl phthalate
 Concen: 42.41 ng
 RT: 22.06 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: BG017254.D
 Acq: 22 May 2015 20:06

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.84 ng

RT: 25.81 min Scan# 3936

Delta R.T. -0.01 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

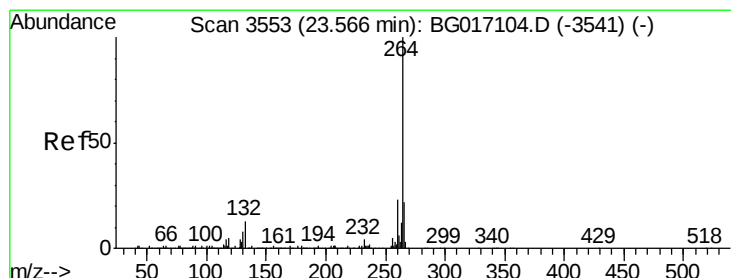
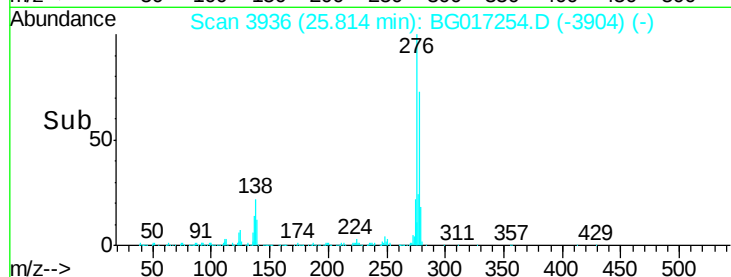
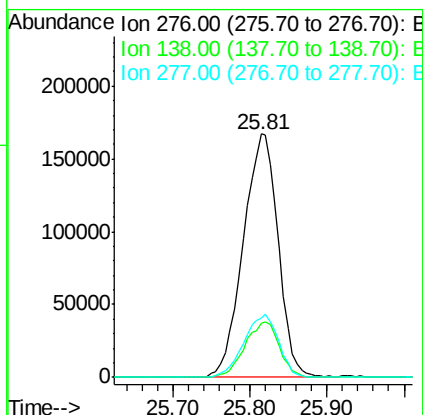
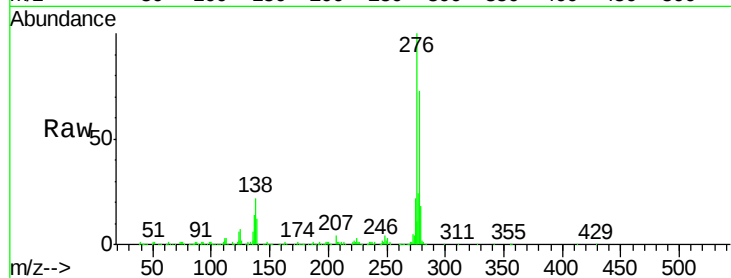
Instrument :

BNA_G

ClientSampleId :

PB83561BS

Tgt Ion:	276	Resp:	528587
Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.0	24.0
277	25.7	20.9	31.3



#86

Perylene-d12

Concen: 20.00 ng

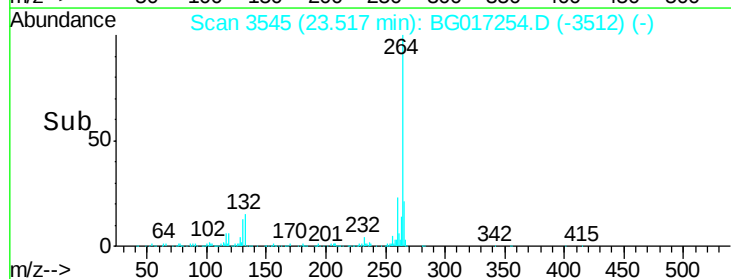
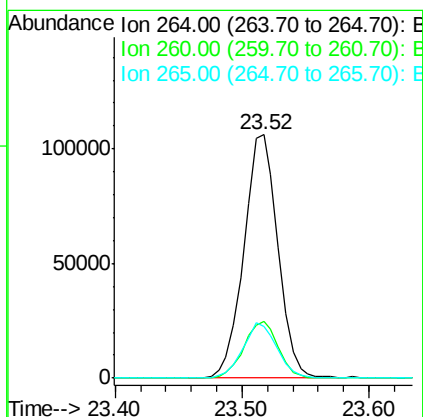
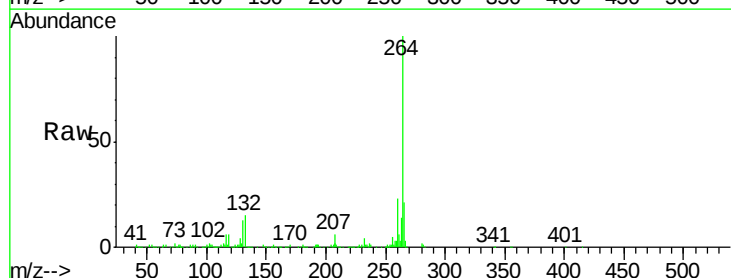
RT: 23.52 min Scan# 3545

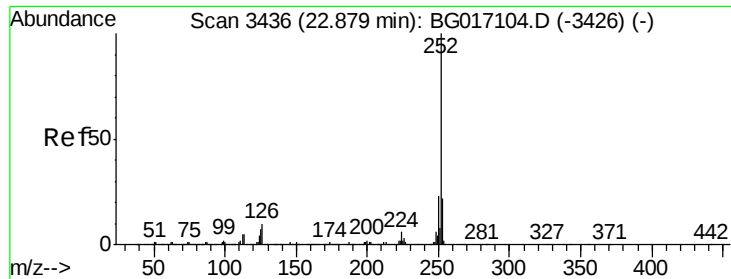
Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Tgt Ion:	264	Resp:	197876
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.0	27.0
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.07 ng

RT: 22.84 min Scan# 3429

Delta R.T. -0.00 min

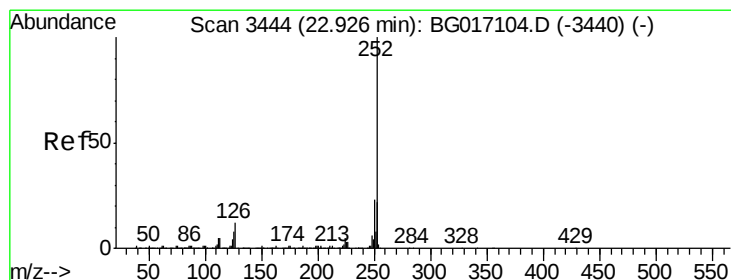
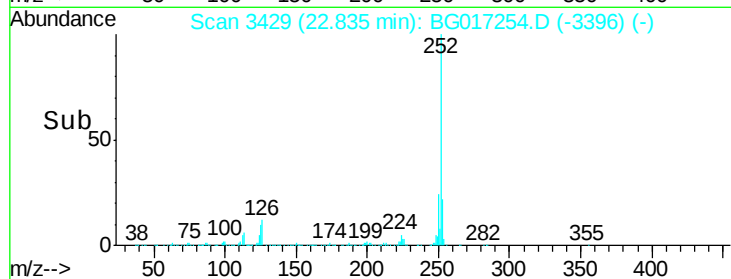
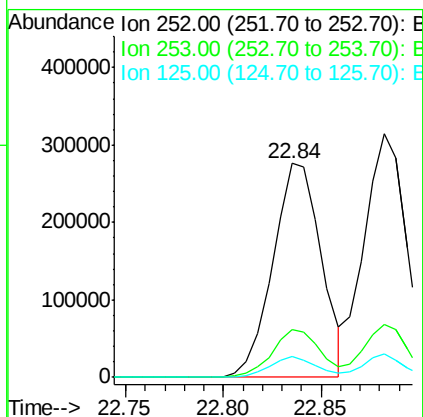
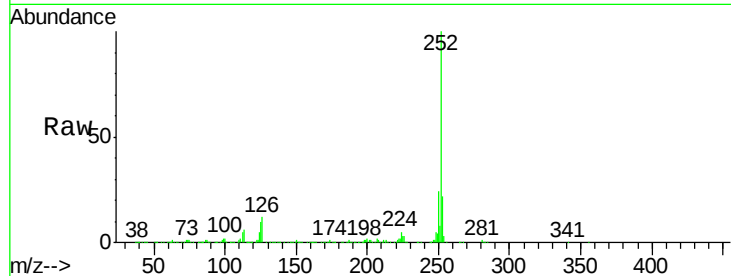
Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :
BNA_G
ClientSampleId :
PB83561BS

Tgt Ion:252 Resp: 473766

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.6	5.9	8.9#



#88

Benzo(k)fluoranthene

Concen: 43.19 ng

RT: 22.88 min Scan# 3437

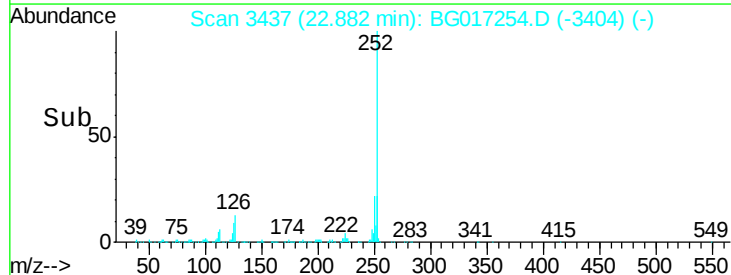
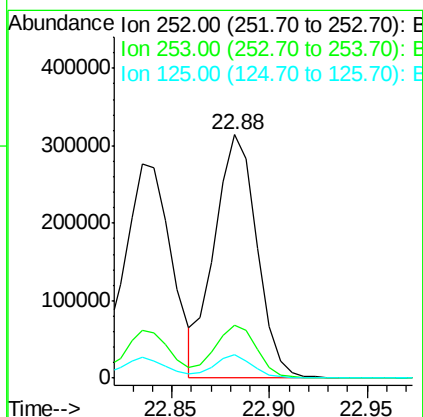
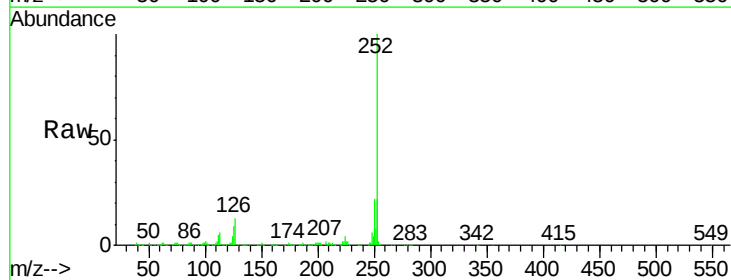
Delta R.T. -0.00 min

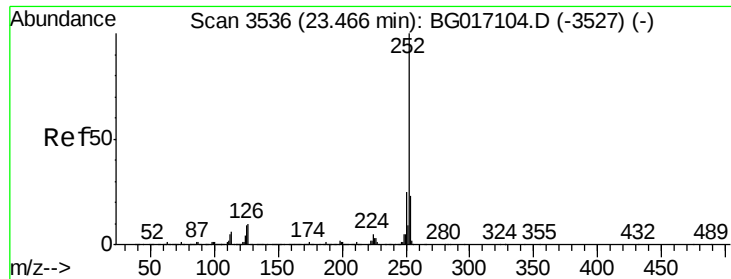
Lab File: BG017254.D

Acq: 22 May 2015 20:06

Tgt Ion:252 Resp: 472937

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.4	6.4	9.6





#89

Benzo(a)pyrene

Concen: 43.00 ng

RT: 23.42 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

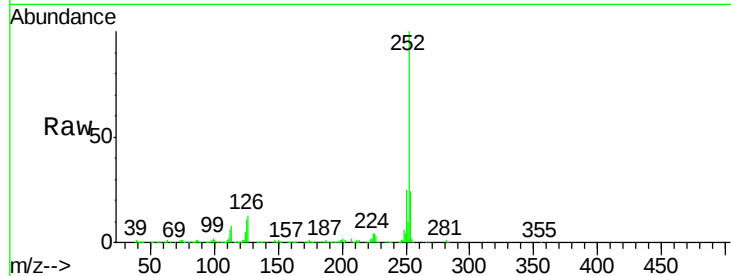
Tgt Ion:252 Resp: 455441

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

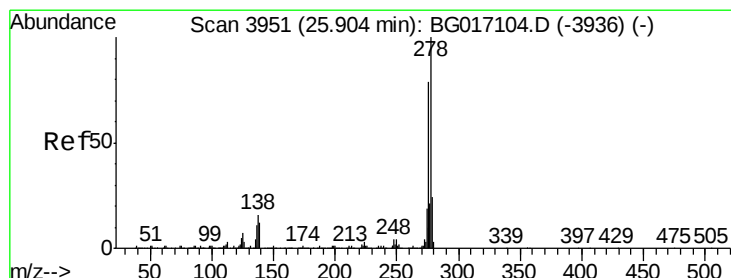
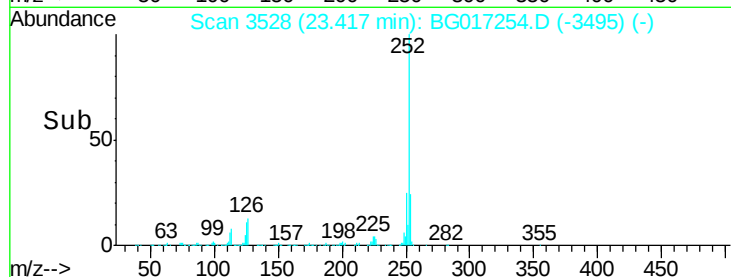
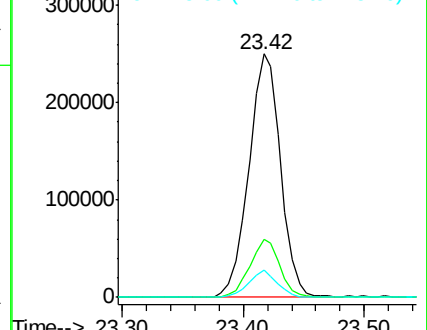
125 11.1 7.2 10.8#



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: 40.33 ng

RT: 25.83 min Scan# 3939

Delta R.T. 0.00 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

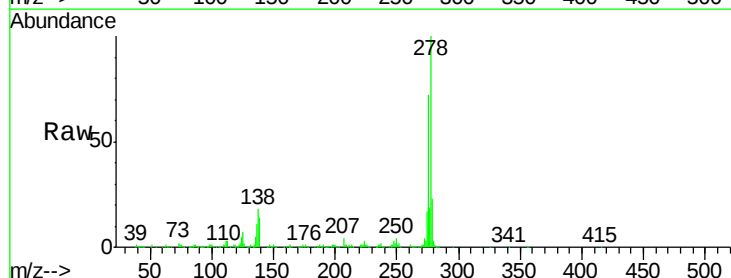
Tgt Ion:278 Resp: 438519

Ion Ratio Lower Upper

278 100

139 13.8 9.4 14.2

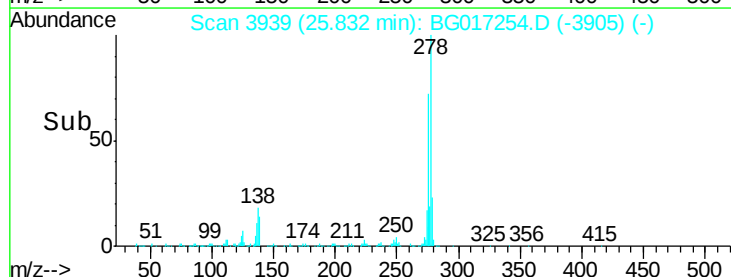
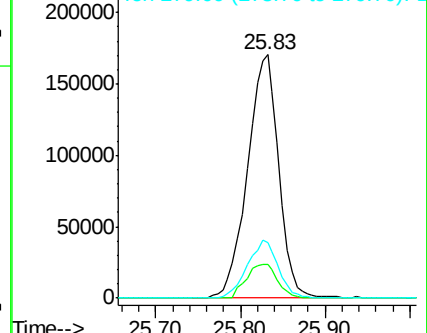
279 22.7 19.1 28.7

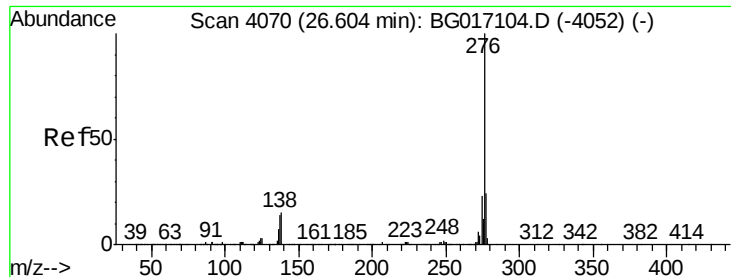


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.60 ng

RT: 26.52 min Scan# 4056

Delta R.T. -0.01 min

Lab File: BG017254.D

Acq: 22 May 2015 20:06

Instrument :

BNA_G

ClientSampleId :

PB83561BS

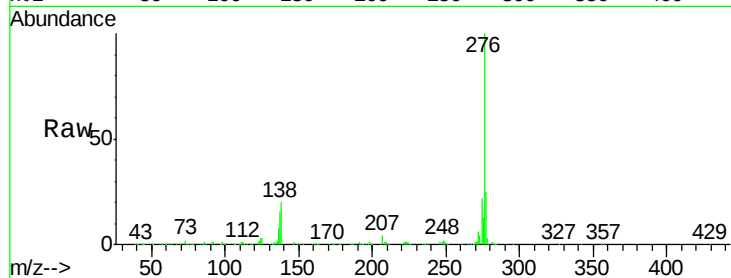
Tgt Ion: 276 Resp: 425758

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 20.0 11.8 17.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

