

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017177.D
 Acq On : 15 May 2015 16:04
 Operator : TP/IZ
 Sample : PB83400BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

Quant Time: May 16 00:18:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:01:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	49299	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	218257	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	147534	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	349949	20.00	ng	0.00
75) Chrysene-d12	21.29	240	367461	20.00	ng	0.00
86) Perylene-d12	23.56	264	360220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	345618	124.38	ng	0.00
7) Phenol-d6	6.91	99	470358	120.62	ng	0.00
23) Nitrobenzene-d5	8.87	82	312236	66.79	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	204016	114.39	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	653775	65.02	ng	0.00
78) Terphenyl-d14	19.74	244	1195606	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	36004	32.84	ng	98
3) Pyridine	3.57	79	108504	32.71	ng	93
4) n-Nitrosodimethylamine	3.49	42	82045	32.59	ng	# 99
6) Aniline	7.03	93	115309	21.37	ng	99
8) 2-Chlorophenol	7.28	128	126183	37.96	ng	94
9) Benzaldehyde	6.84	77	35347	11.38	ng	91
10) Phenol	6.93	94	169538	41.00	ng	97
11) bis(2-Chloroethyl)ether	7.13	93	112600	36.32	ng	96
12) 1,3-Dichlorobenzene	7.59	146	121695	32.78	ng	98
13) 1,4-Dichlorobenzene	7.74	146	122963	32.81	ng	96
14) 1,2-Dichlorobenzene	8.05	146	119481	33.38	ng	94
15) Benzyl Alcohol	7.95	79	130053	34.33	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	191395	38.07	ng	99
17) 2-Methylphenol	8.17	107	114559	38.21	ng	90
18) Hexachloroethane	8.78	117	51628	32.98	ng	89
19) n-Nitroso-di-n-propylamine	8.51	70	111180	32.73	ng	99
20) 3+4-Methylphenols	8.50	107	157379	37.77	ng	94
22) Acetophenone	8.53	105	184495	34.83	ng	# 99
24) Nitrobenzene	8.91	77	162652	35.56	ng	98
25) Isophorone	9.43	82	285941	33.18	ng	98
26) 2-Nitrophenol	9.62	139	71656	35.05	ng	98
27) 2,4-Dimethylphenol	9.69	122	130360	38.74	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	150359	35.84	ng	93
29) 2,4-Dichlorophenol	10.16	162	126328	39.79	ng	93
30) 1,2,4-Trichlorobenzene	10.36	180	118039	32.77	ng	98
31) Naphthalene	10.55	128	368841	34.53	ng	# 96
32) Benzoic acid	9.85	122	78137	34.26	ng	# 83
33) 4-Chloroaniline	10.66	127	80603	15.96	ng	95
34) Hexachlorobutadiene	10.83	225	72819	31.93	ng	97
35) Caprolactam	11.49	113	16760	10.50	ng	94
36) 4-Chloro-3-methylphenol	11.83	107	160680	40.06	ng	93
37) 2-Methylnaphthalene	12.17	142	284454	33.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	136875	32.79	ng	99
40) Hexachlorocyclopentadiene	12.52	237	174599	68.57	ng	96

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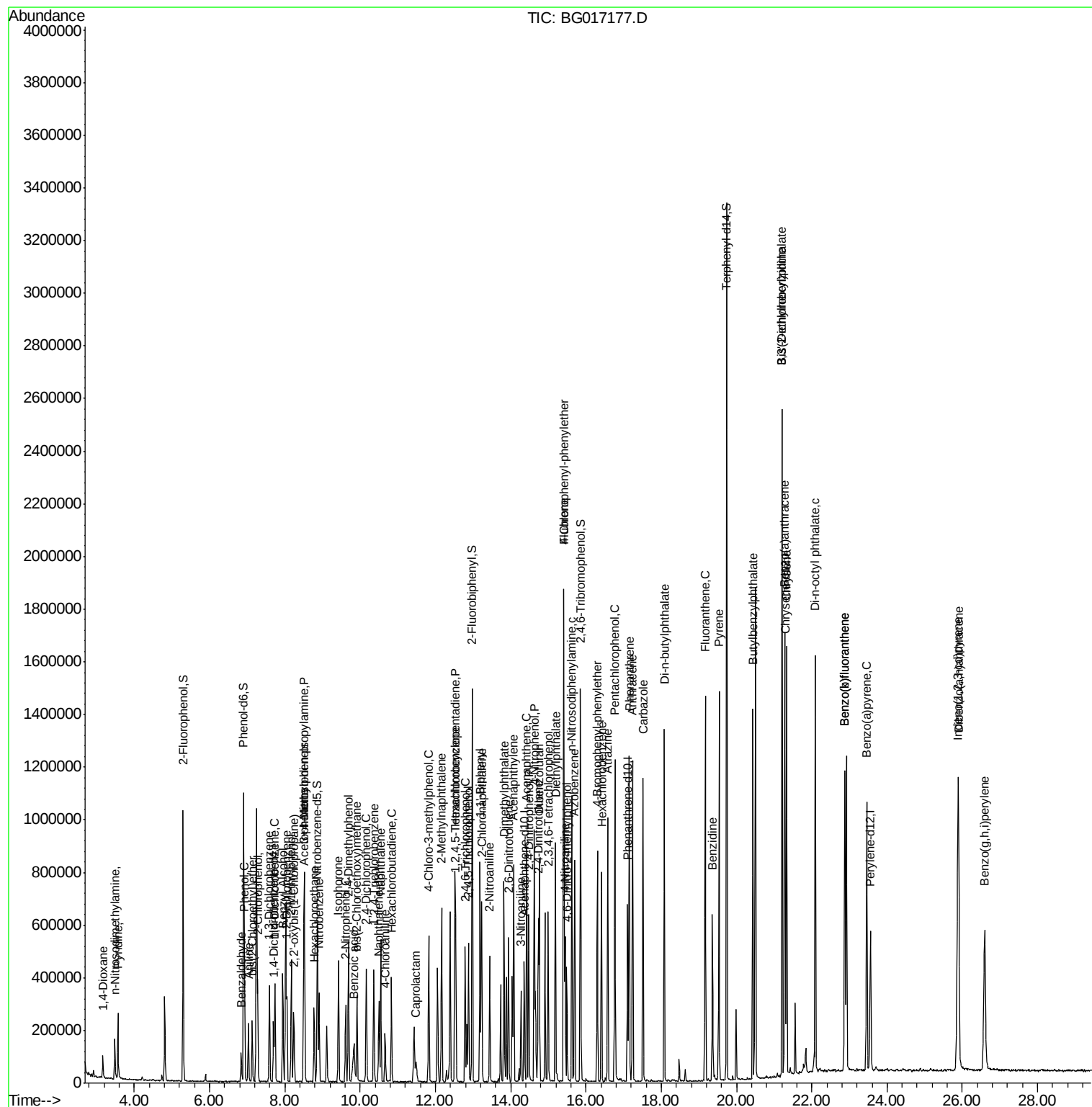
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42) 2,4,6-Trichlorophenol	12.80	196	101668	34.34	ng	97
43) 2,4,5-Trichlorophenol	12.88	196	115111	37.73	ng	97
45) 1,1'-Biphenyl	13.19	154	373262	35.13	ng	98
46) 2-Chloronaphthalene	13.23	162	294039	34.95	ng	96
47) 2-Nitroaniline	13.45	65	122798	37.51	ng	98
48) Acenaphthylene	14.08	152	505103	35.05	ng	99
49) Dimethylphthalate	13.82	163	399522	34.63	ng	98
50) 2,6-Dinitrotoluene	13.94	165	91960	35.97	ng	99
51) Acenaphthene	14.42	154	301018	35.37	ng	98
52) 3-Nitroaniline	14.28	138	69561	24.53	ng	# 91
53) 2,4-Dinitrophenol	14.48	184	109751	73.95	ng	98
54) Dibenzofuran	14.76	168	463440	36.63	ng	98
55) 4-Nitrophenol	14.63	139	180439	79.01	ng	95
56) 2,4-Dinitrotoluene	14.74	165	136394	38.25	ng	90
57) Fluorene	15.41	166	403847	36.06	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.99	232	106421	38.01	ng	99
59) Diethylphthalate	15.19	149	435129	35.12	ng	98
60) 4-Chlorophenyl-phenylether	15.40	204	203646	35.40	ng	96
61) 4-Nitroaniline	15.45	138	117751	37.21	ng	96
62) Azobenzene	15.70	77	461829	39.01	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	75833	31.62	ng	94
65) n-Nitrosodiphenylamine	15.63	169	358297	33.35	ng	99
66) 4-Bromophenyl-phenylether	16.30	248	126857	33.24	ng	99
67) Hexachlorobenzene	16.42	284	135911	33.75	ng	94
68) Atrazine	16.58	200	146970	37.40	ng	98
69) Pentachlorophenol	16.77	266	172741	68.71	ng	94
70) Phenanthrene	17.15	178	633363	35.10	ng	98
71) Anthracene	17.24	178	658040	35.98	ng	99
72) Carbazole	17.52	167	635188	37.80	ng	100
73) Di-n-butylphthalate	18.08	149	825013	36.69	ng	99
74) Fluoranthene	19.17	202	785395	36.24	ng	95
76) Benzidine	19.36	184	317835	26.49	ng	98
77) Pyrene	19.54	202	808215	35.85	ng	99
79) Butylbenzylphthalate	20.44	149	374631	36.55	ng	94
80) Benzo(a)anthracene	21.28	228	752582	35.74	ng	99
81) 3,3'-Dichlorobenzidine	21.22	252	197588	24.25	ng	98
82) Chrysene	21.33	228	702506	35.82	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	520551	35.73	ng	99
84) Di-n-octyl phthalate	22.09	149	874640	36.06	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	844169	35.97	ng	97
87) Benzo(b)fluoranthene	22.88	252	748588	35.65	ng	# 97
88) Benzo(k)fluoranthene	22.88	252	748588	37.55	ng	98
89) Benzo(a)pyrene	23.46	252	711661	36.91	ng	98
90) Dibenzo(a,h)anthracene	25.90	278	708616	35.80	ng	# 96
91) Benzo(g,h,i)perylene	26.59	276	674093	36.18	ng	# 96

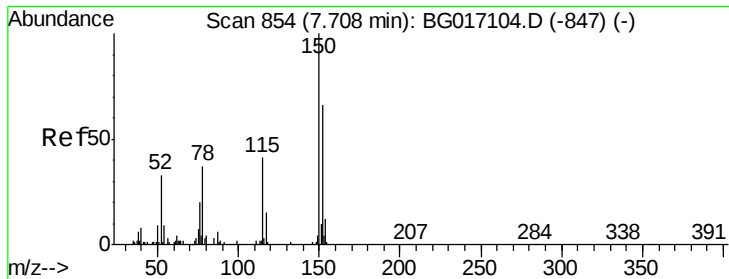
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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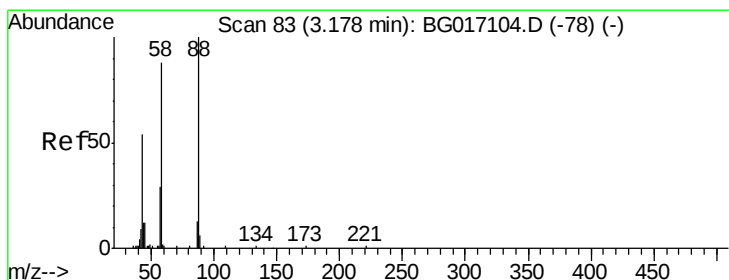
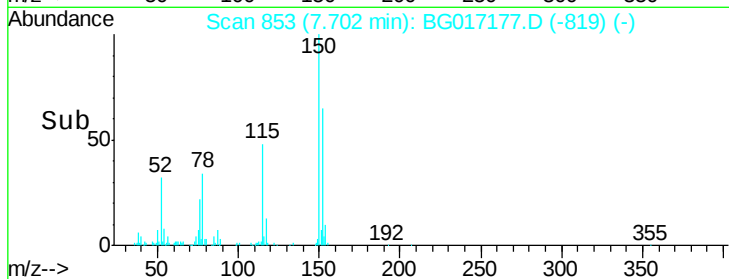
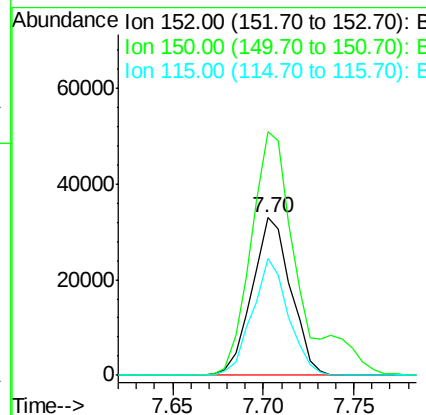
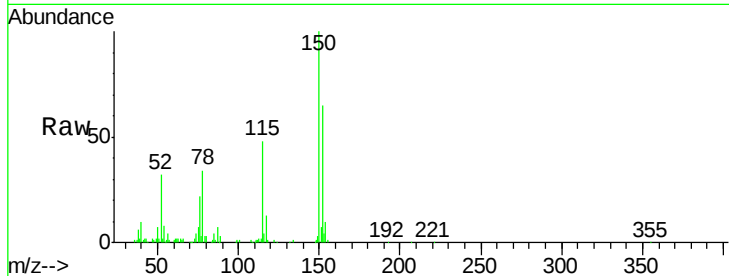


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Instrument :
BNA_G
ClientSampleId :
PB83400BS

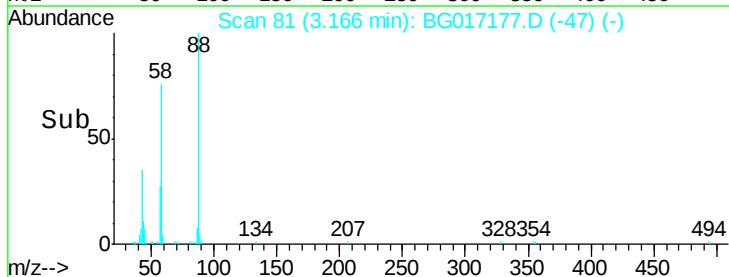
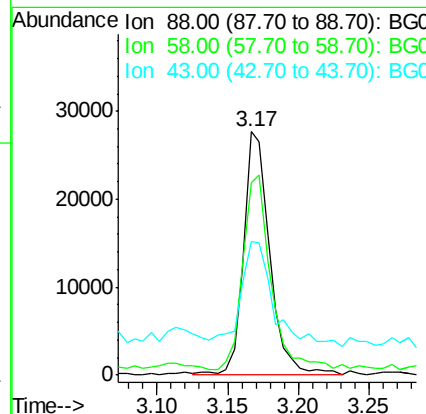
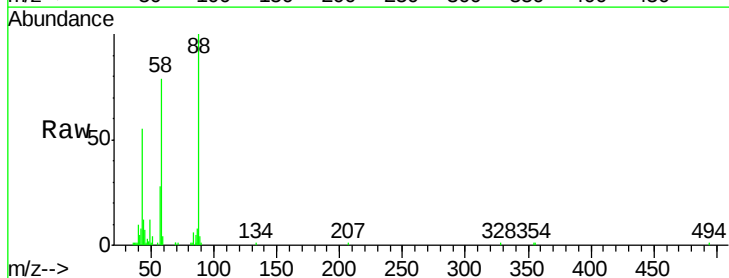
Tgt Ion:152 Resp: 49299
Ion Ratio Lower Upper
152 100
150 154.3 120.8 181.2
115 73.9 49.4 74.2

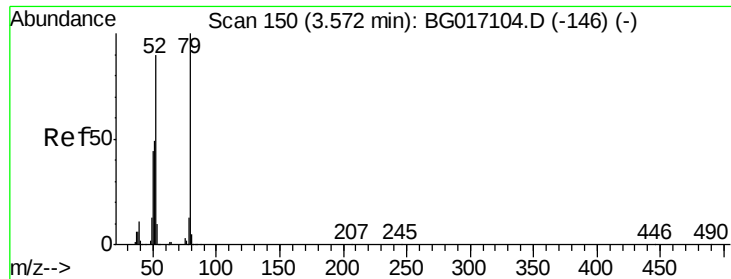


#2

1,4-Dioxane
Concen: 32.84 ng
RT: 3.17 min Scan# 81
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion: 88 Resp: 36004
Ion Ratio Lower Upper
88 100
58 87.2 68.6 103.0
43 52.9 40.3 60.5





#3

Pyridine

Concen: 32.71 ng

RT: 3.57 min Scan# 149

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

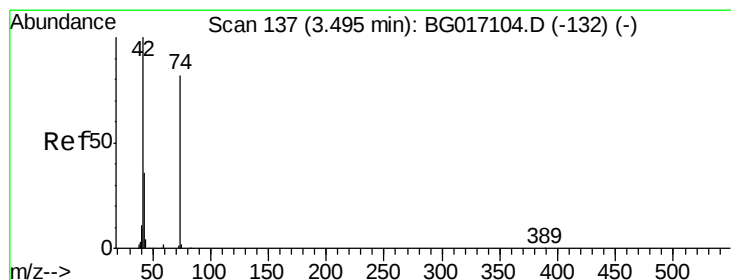
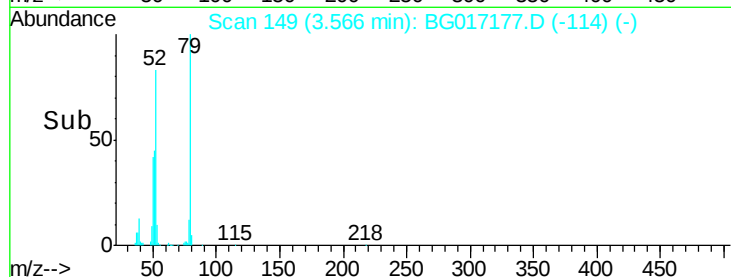
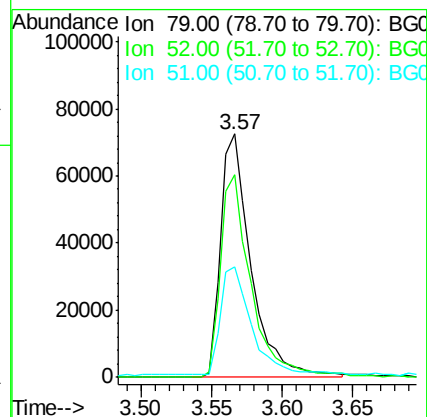
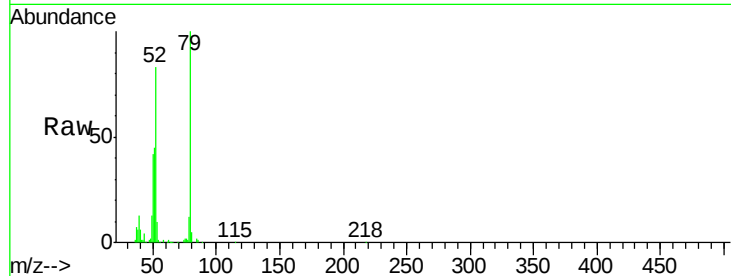
Tgt Ion: 79 Resp: 108504

Ion Ratio Lower Upper

79 100

52 83.3 72.2 108.2

51 45.4 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 32.59 ng

RT: 3.49 min Scan# 136

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

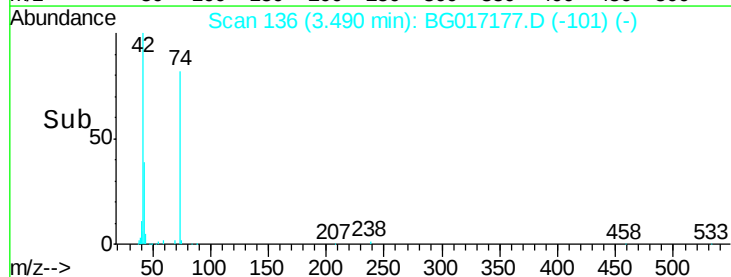
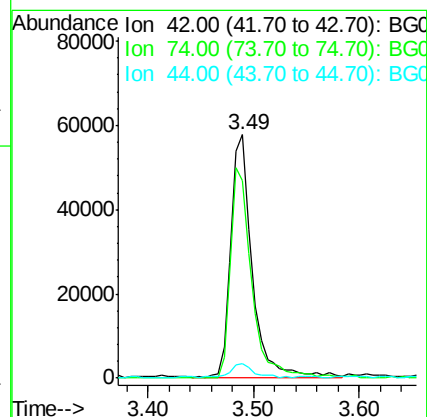
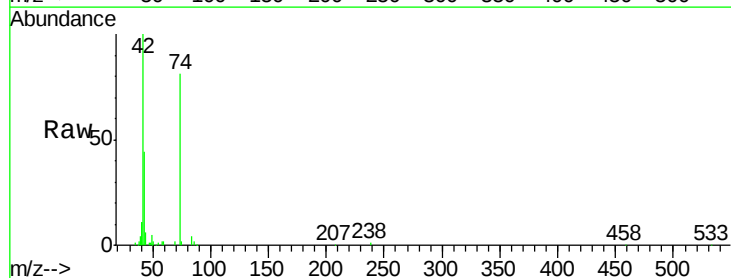
Tgt Ion: 42 Resp: 82045

Ion Ratio Lower Upper

42 100

74 81.1 65.2 97.8

44 5.9 3.2 4.8#





#5

2-Fluorophenol

Concen: 124.38 ng

RT: 5.30 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

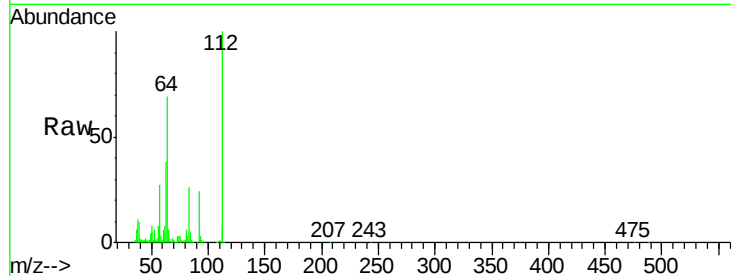
Tgt Ion: 112 Resp: 345618

Ion Ratio Lower Upper

112 100

64 69.4 48.1 72.1

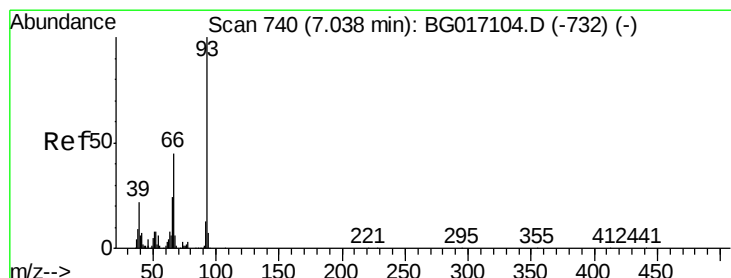
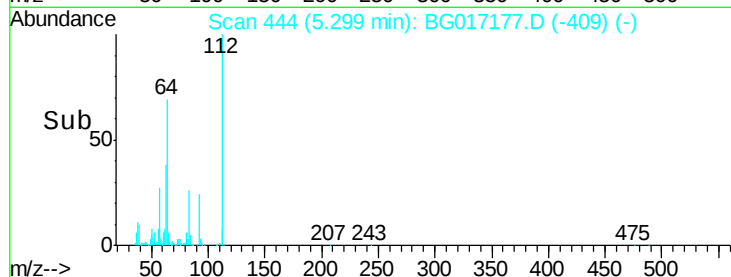
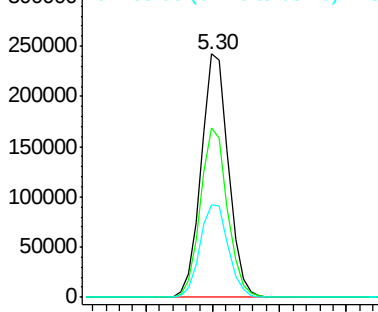
63 38.2 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.37 ng

RT: 7.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

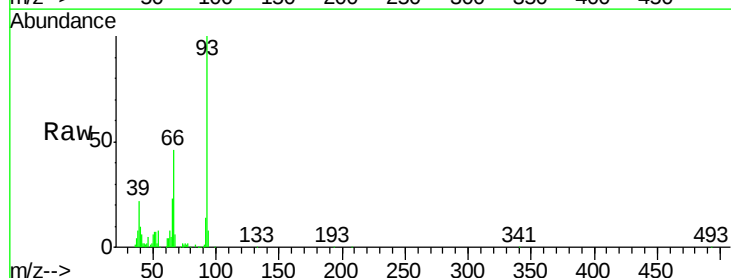
Tgt Ion: 93 Resp: 115309

Ion Ratio Lower Upper

93 100

66 45.6 35.8 53.8

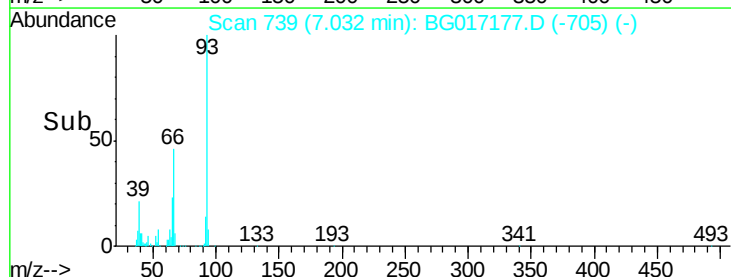
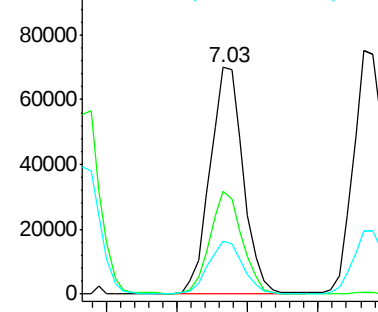
65 23.5 19.2 28.8

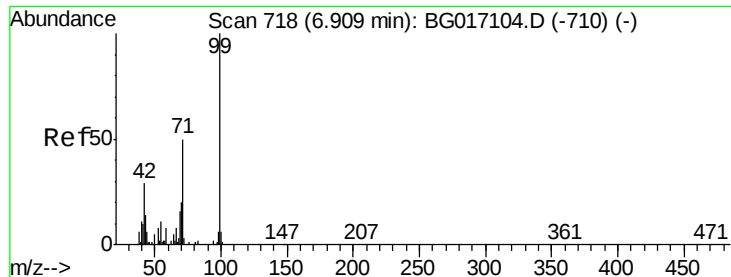


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.62 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

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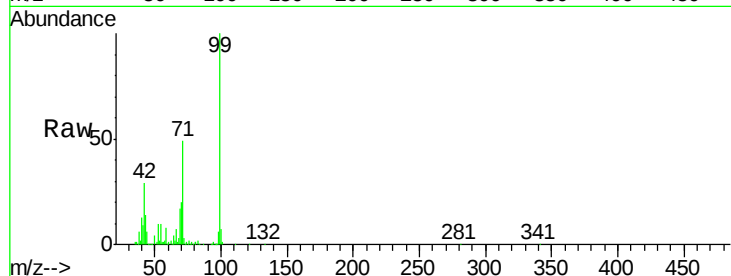
Tgt Ion: 99 Resp: 470358

Ion Ratio Lower Upper

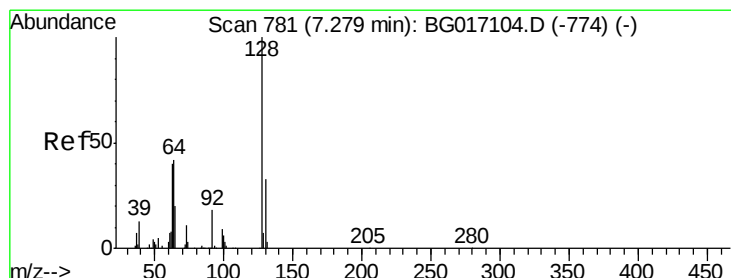
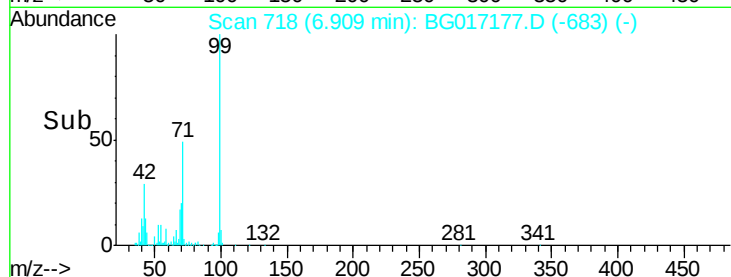
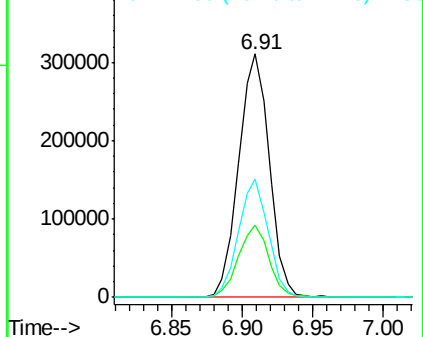
99 100

42 29.4 23.5 35.3

71 48.5 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: 37.96 ng

RT: 7.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG017177.D

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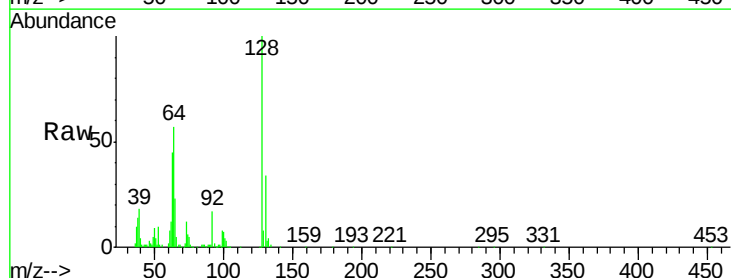
Tgt Ion: 128 Resp: 126183

Ion Ratio Lower Upper

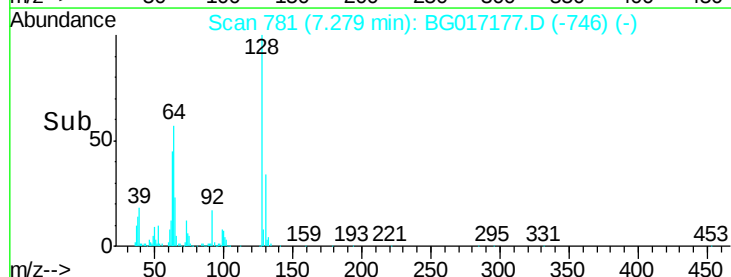
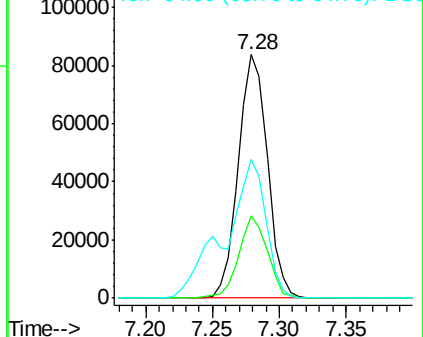
128 100

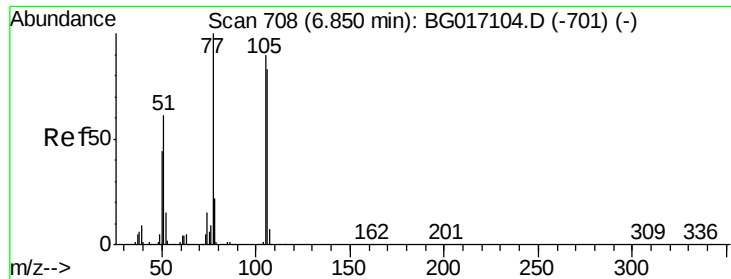
130 33.7 13.3 53.3

64 57.2 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: 11.38 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

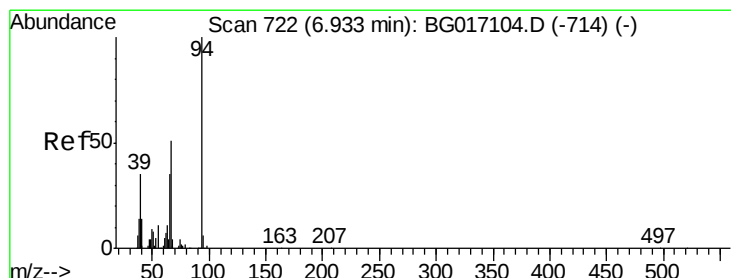
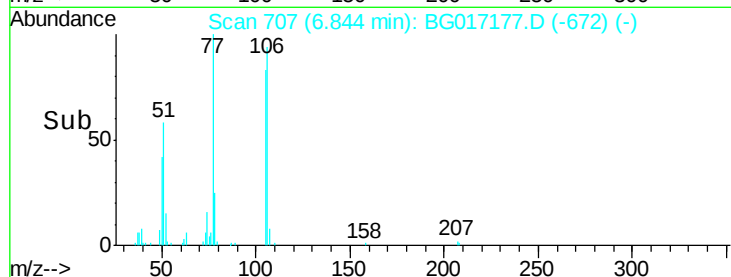
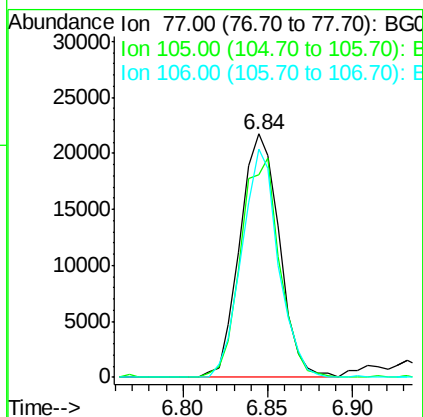
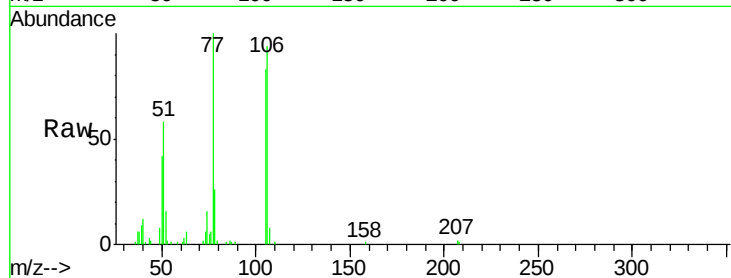
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Tgt Ion:	77	Resp:	35347
Ion	Ratio	Lower	Upper
77	100		
105	83.0	69.5	109.5
106	93.6	63.4	103.4



#10

Phenol

Concen: 41.00 ng

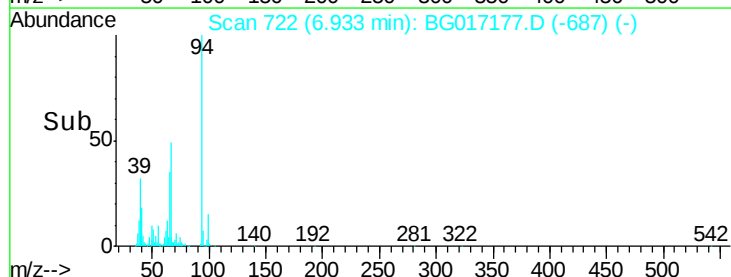
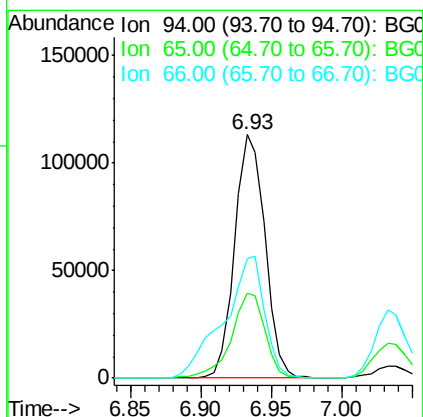
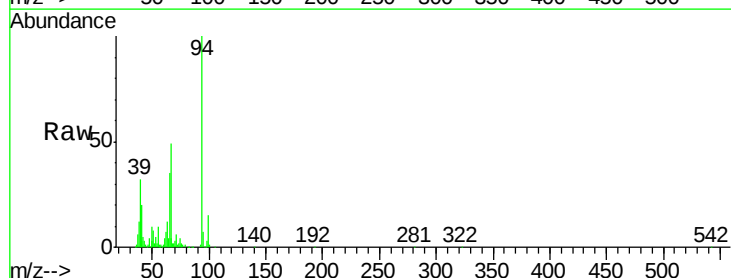
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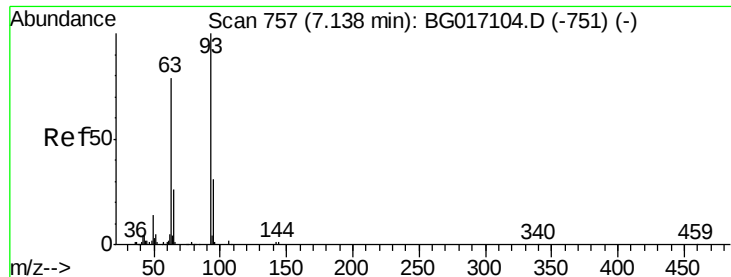
Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Tgt Ion:	94	Resp:	169538
Ion	Ratio	Lower	Upper
94	100		
65	34.8	15.0	55.0
66	48.9	32.1	72.1



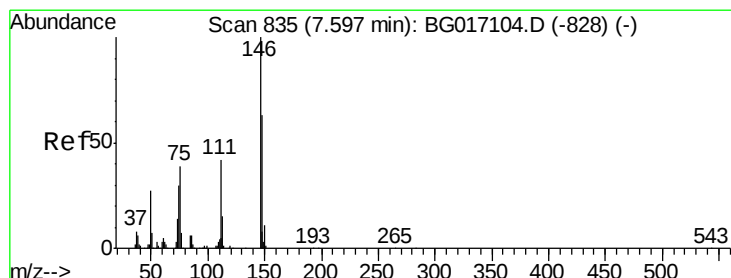
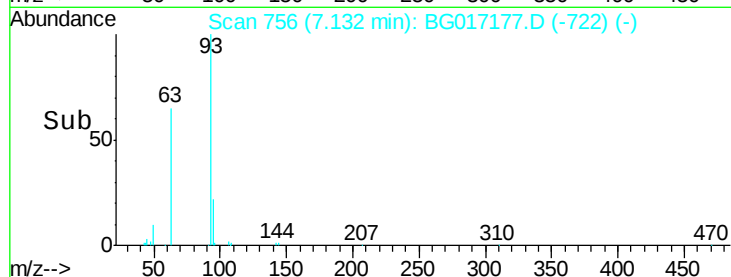
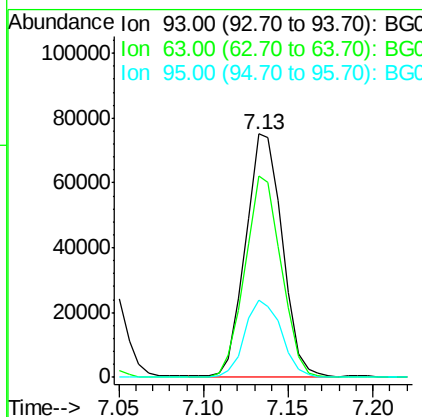
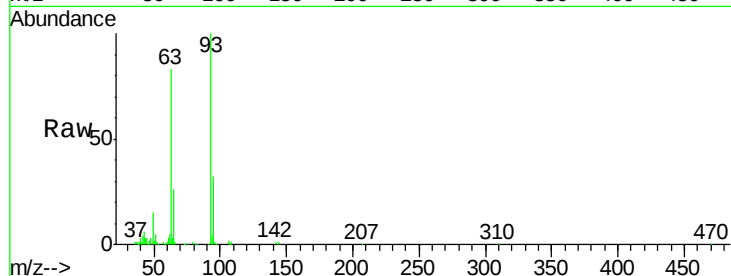


#11
bis(2-Chloroethyl)ether
Concen: 36.32 ng
RT: 7.13 min Scan# 756
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Instrument :
BNA_G
ClientSampleId :
PB83400BS

Tgt Ion: 93 Resp: 112600

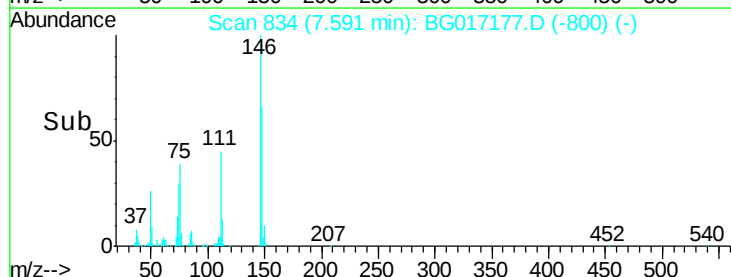
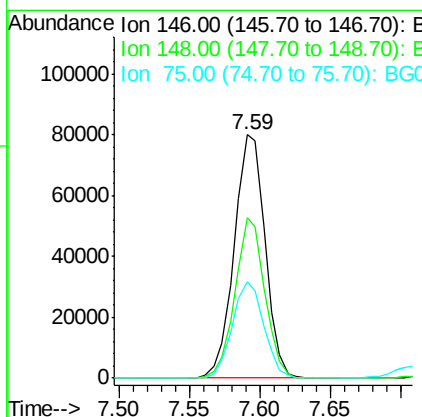
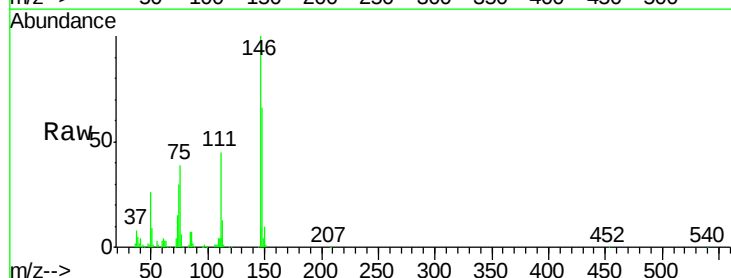
Ion	Ratio	Lower	Upper
93	100		
63	82.7	58.5	98.5
95	31.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 32.78 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion: 146 Resp: 121695

Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.6	75.8
75	39.4	31.4	47.2

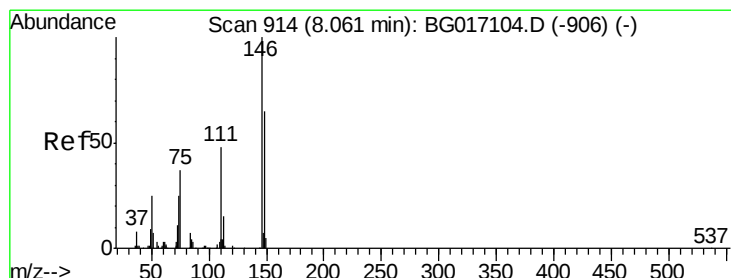
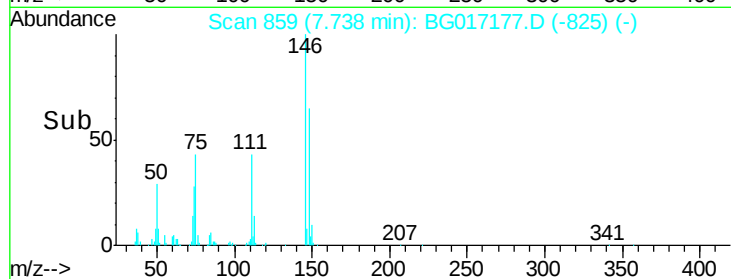
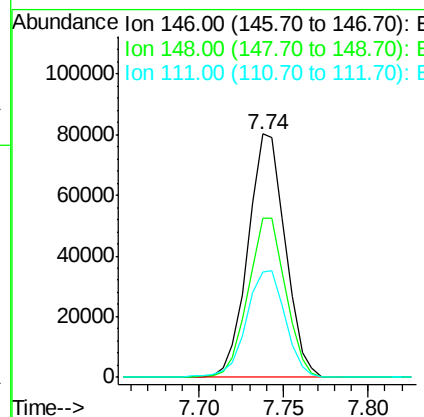
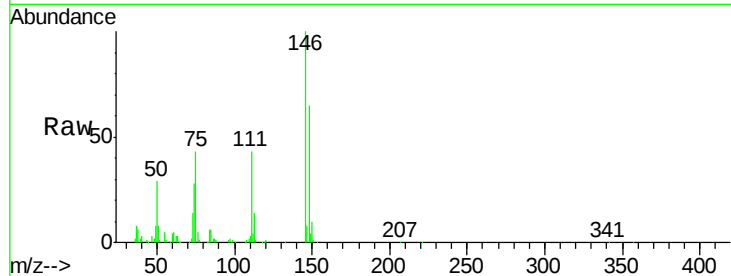




#13
 1,4-Dichlorobenzene
 Concen: 32.81 ng
 RT: 7.74 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

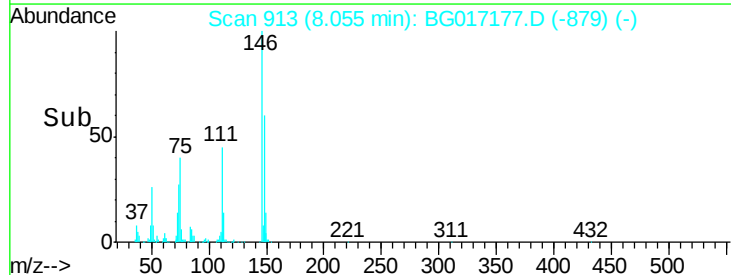
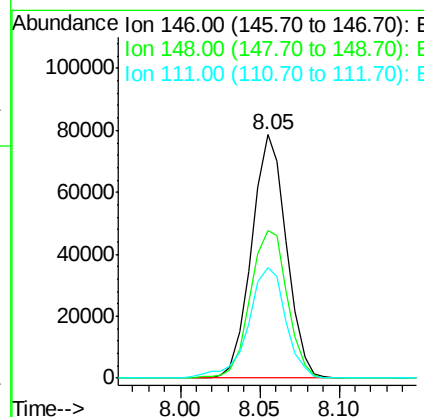
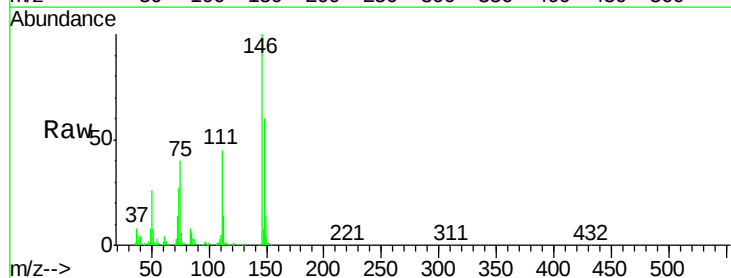
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

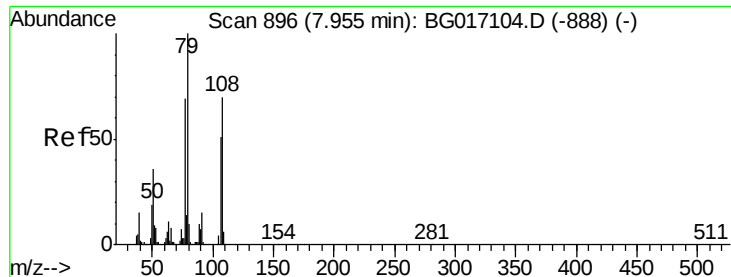
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.9	80.9
111	43.4	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 33.38 ng
 RT: 8.05 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	52.3	78.5
111	45.5	39.0	58.4





#15

Benzyl Alcohol

Concen: 34.33 ng

RT: 7.95 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampled :

PB83400BS

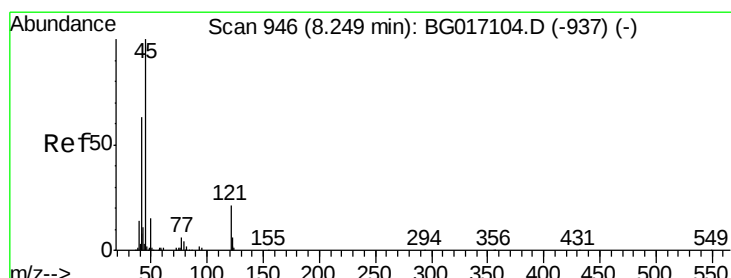
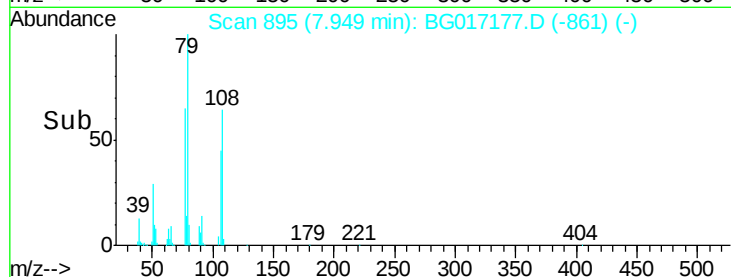
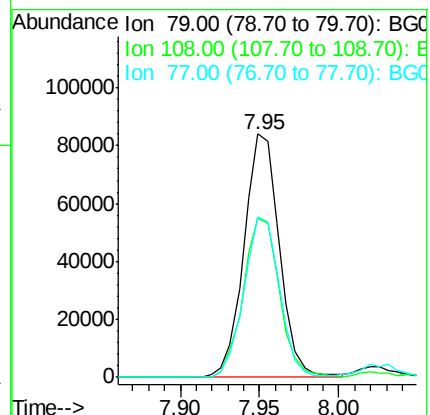
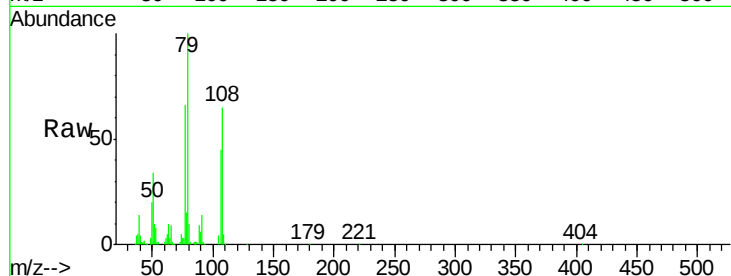
Tgt Ion: 79 Resp: 130053

Ion Ratio Lower Upper

79 100

108 65.2 55.8 83.6

77 65.7 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.07 ng

RT: 8.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

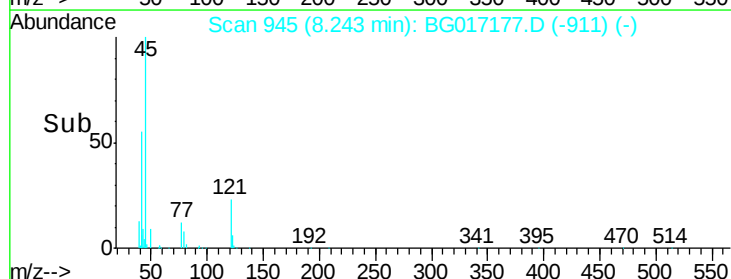
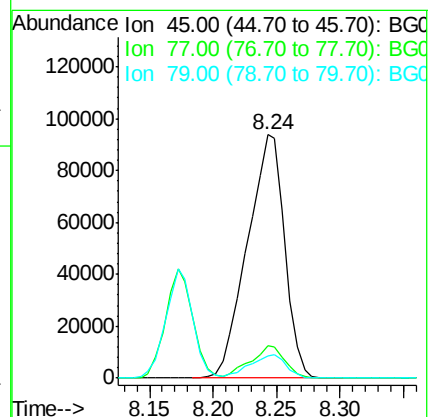
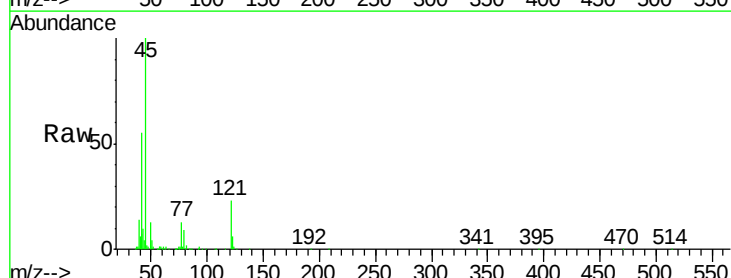
Tgt Ion: 45 Resp: 191395

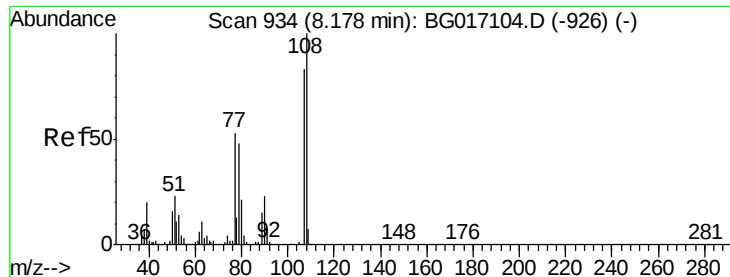
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.5

79 9.3 0.0 29.4

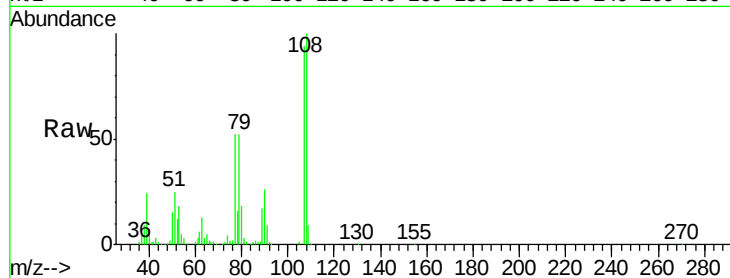




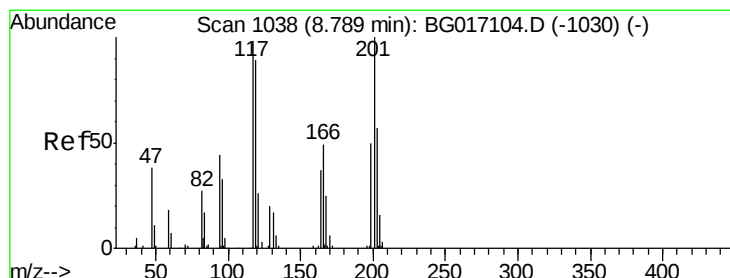
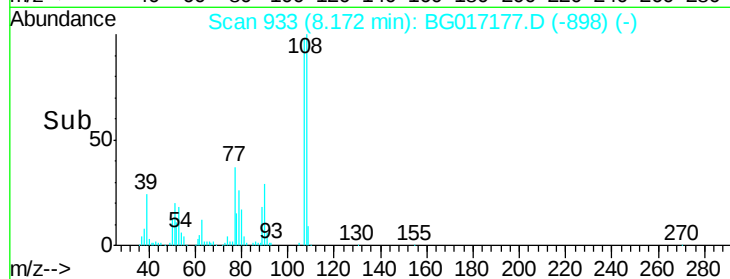
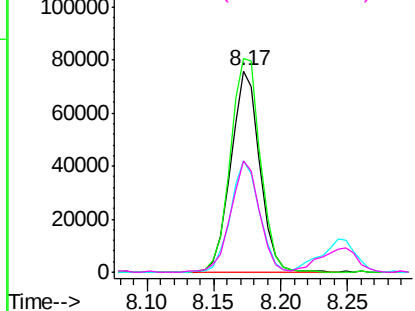
#17
2-Methylphenol
Concen: 38.21 ng
RT: 8.17 min Scan# 933
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Instrument :
BNA_G
ClientSampleId :
PB83400BS

Tgt Ion:	107	Resp:	114559
Ion	Ratio	Lower	Upper
107	100		
108	106.3	96.6	144.8
77	55.7	51.2	76.8
79	55.6	45.9	68.9

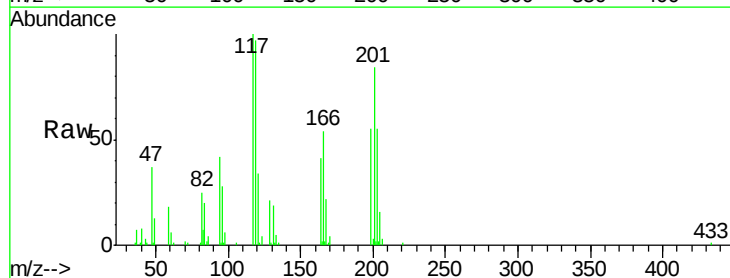


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

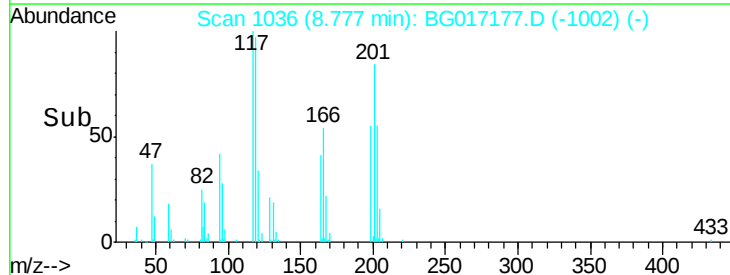
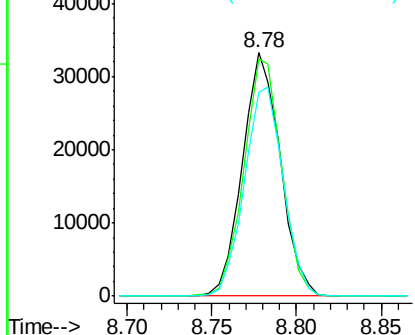


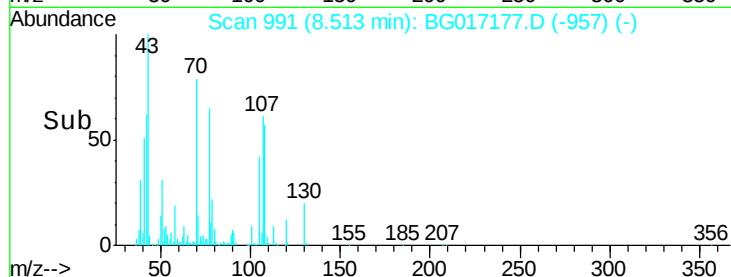
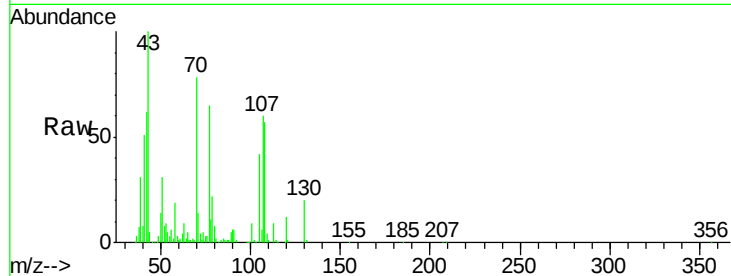
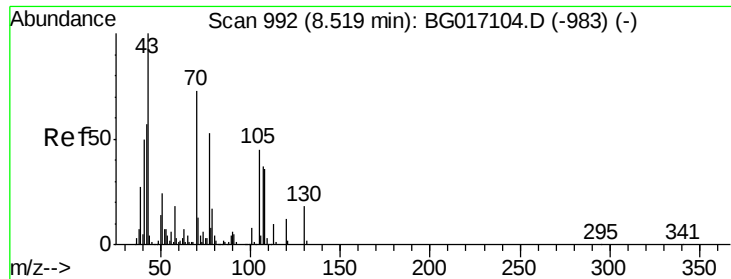
#18
Hexachloroethane
Concen: 32.98 ng
RT: 8.78 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion:	117	Resp:	51628
Ion	Ratio	Lower	Upper
117	100		
119	97.5	73.0	109.6
201	86.5	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

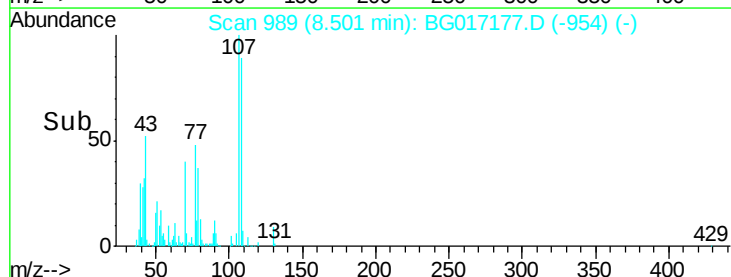
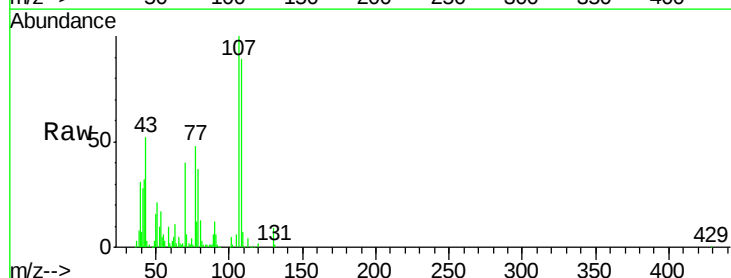
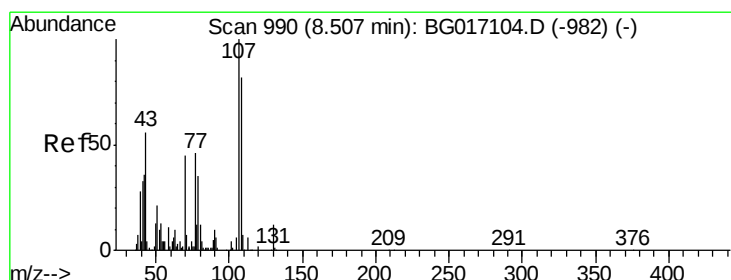
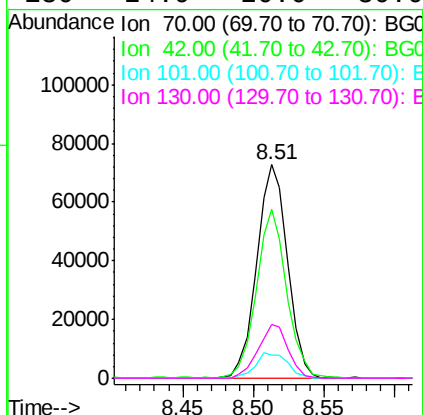




#19
n-Nitroso-di-n-propylamine
Concen: 32.73 ng
RT: 8.51 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

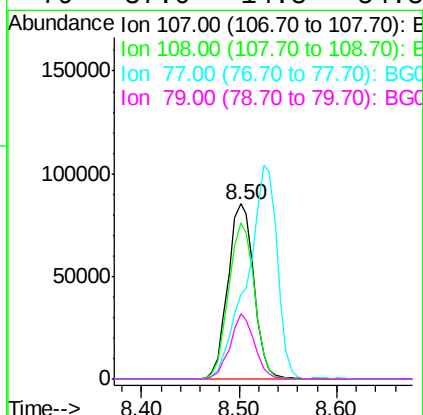
Instrument :
BNA_G
ClientSampleId :
PB83400BS

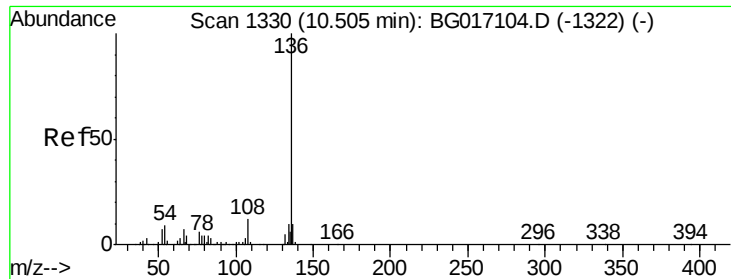
Tgt Ion:	70	Resp:	111180
Ion	Ratio	Lower	Upper
70	100		
42	78.8	62.6	94.0
101	10.9	9.0	13.4
130	24.9	20.0	30.0



#20
3+4-Methylphenols
Concen: 37.77 ng
RT: 8.50 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion:	107	Resp:	157379
Ion	Ratio	Lower	Upper
107	100		
108	88.9	62.2	102.2
77	48.3	26.0	66.0
79	37.0	14.8	54.8

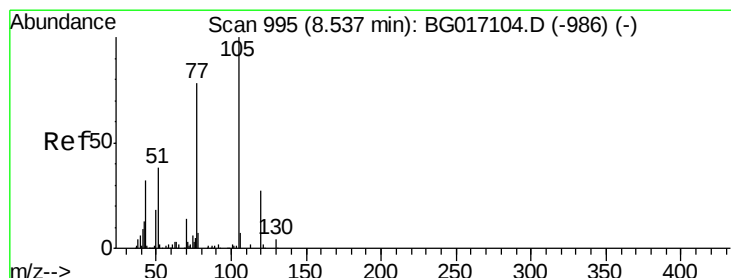
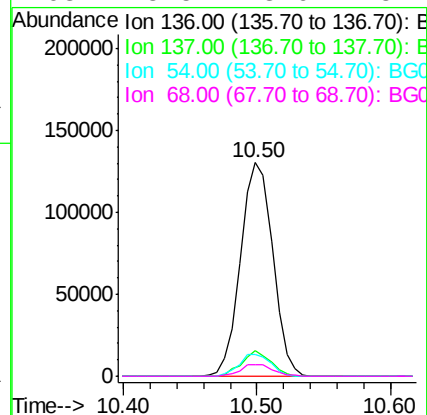
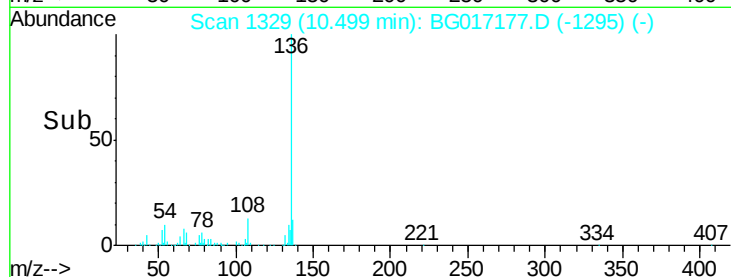
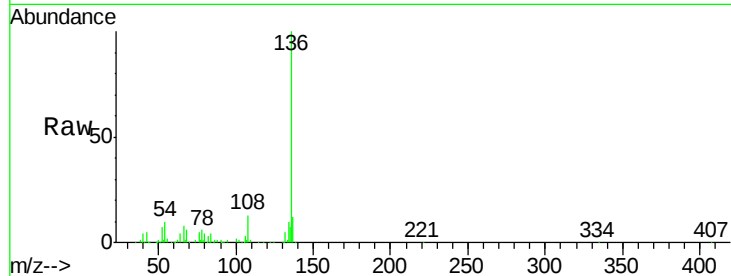




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

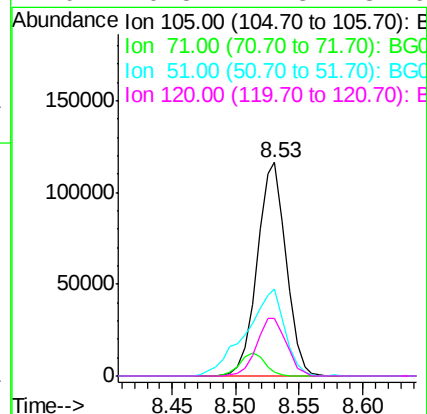
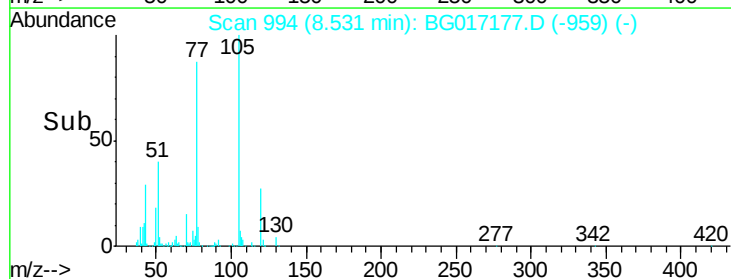
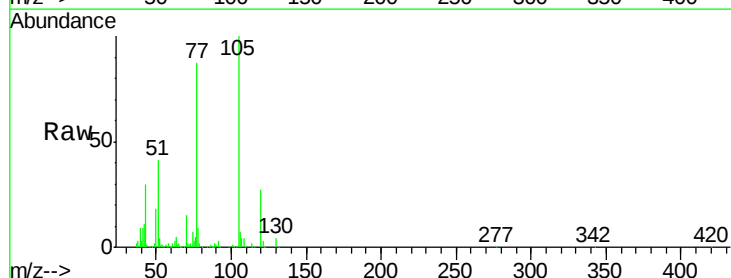
Instrument :
BNA_G
ClientSampleId :
PB83400BS

Tgt Ion:	136	Resp:	218257
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.3	12.5
54	10.2	7.4	11.2
68	5.5	3.6	5.4#



#22
Acetophenone
Concen: 34.83 ng
RT: 8.53 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion:	105	Resp:	184495
Ion Ratio	Lower	Upper	
105	100		
71	2.1	2.2	3.4#
51	40.5	32.8	49.2
120	26.8	21.8	32.6

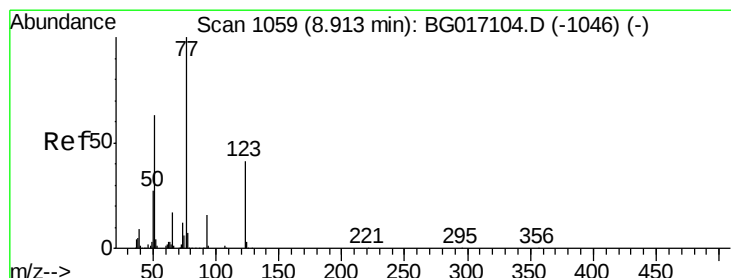
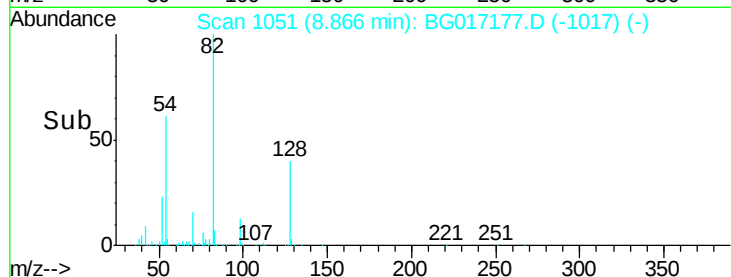
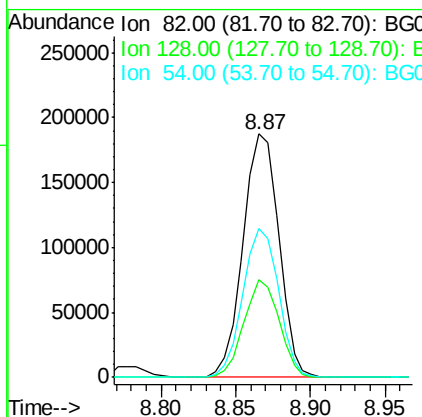
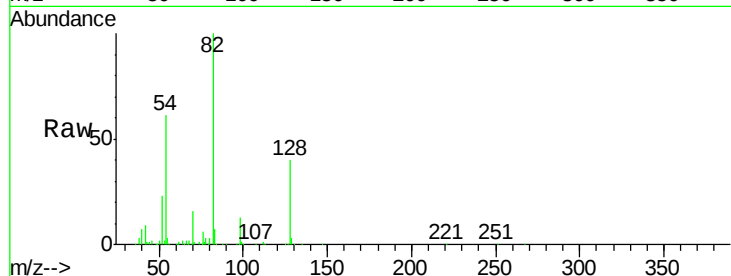




#23
 Nitrobenzene-d5
 Concen: 66.79 ng
 RT: 8.87 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

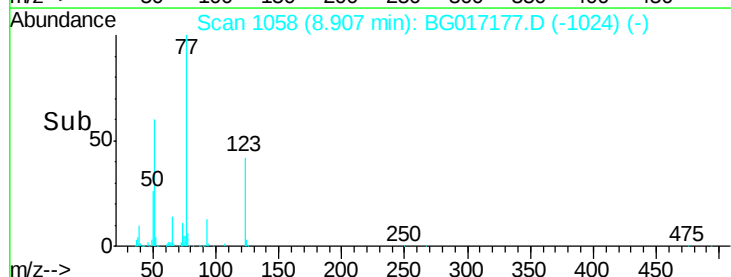
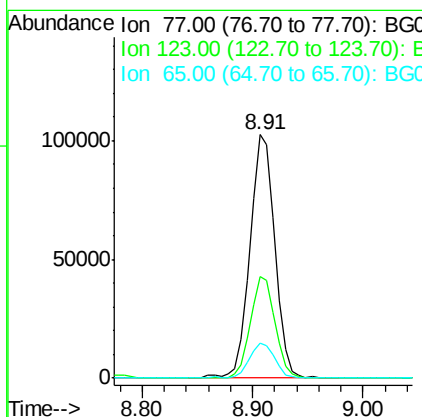
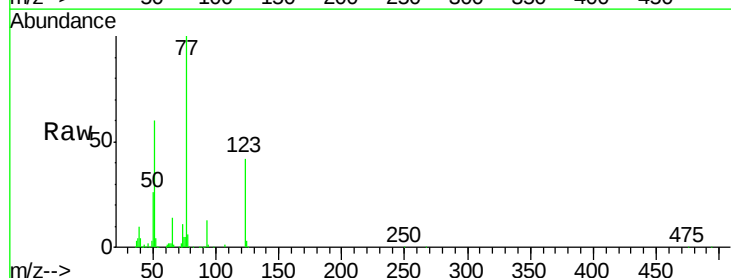
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

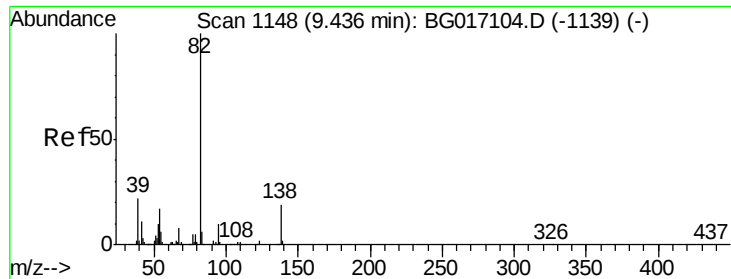
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	49.0
54	61.1	49.6	74.4



#24
 Nitrobenzene
 Concen: 35.56 ng
 RT: 8.91 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.0	49.4
65	14.4	13.3	19.9





#25

Isophorone

Concen: 33.18 ng

RT: 9.43 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

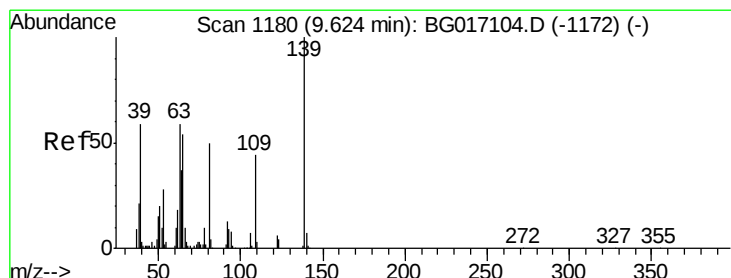
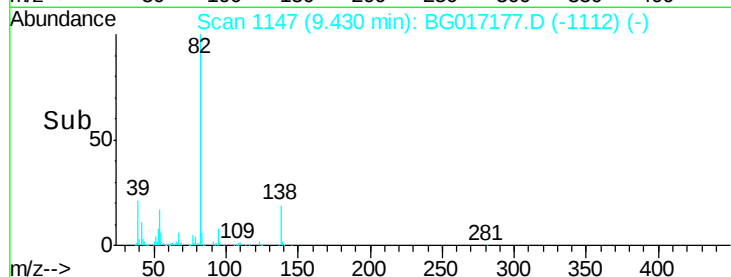
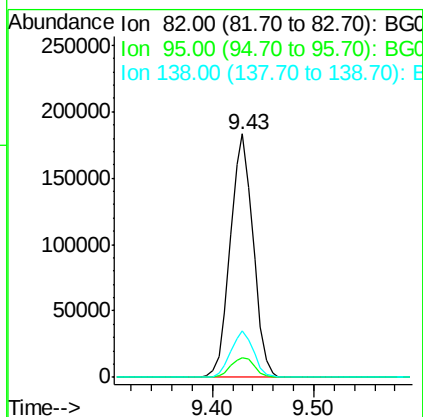
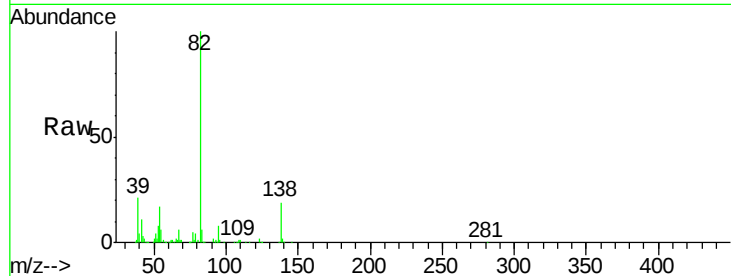
Tgt Ion: 82 Resp: 285941

Ion Ratio Lower Upper

82 100

95 7.9 7.7 11.5

138 18.9 15.0 22.6



#26

2-Nitrophenol

Concen: 35.05 ng

RT: 9.62 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

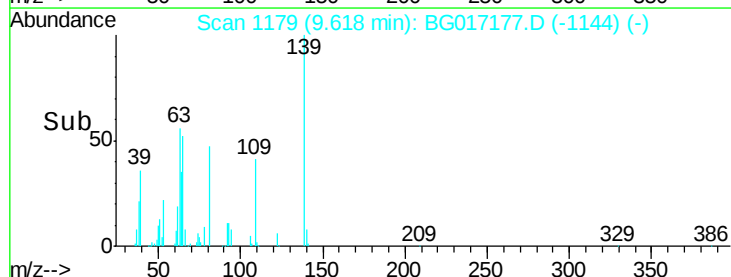
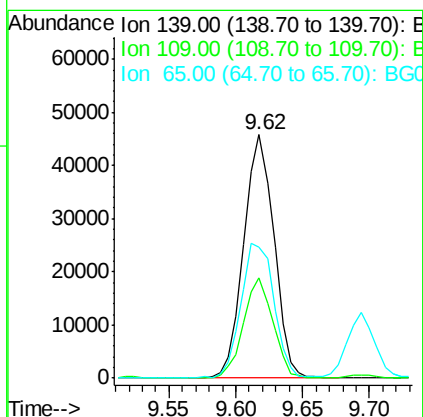
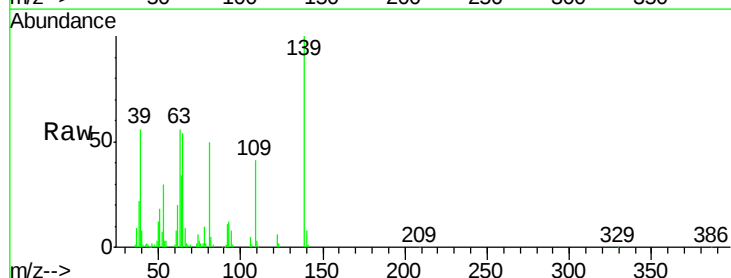
Tgt Ion: 139 Resp: 71656

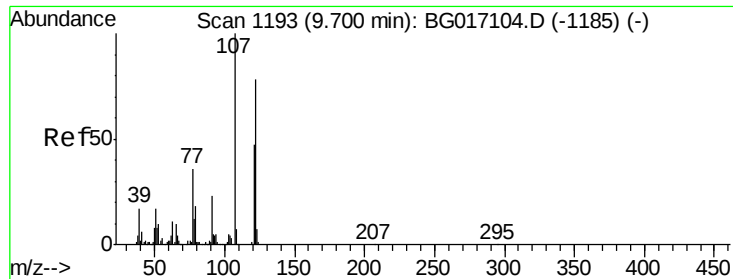
Ion Ratio Lower Upper

139 100

109 41.1 34.9 52.3

65 53.9 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 38.74 ng

RT: 9.69 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

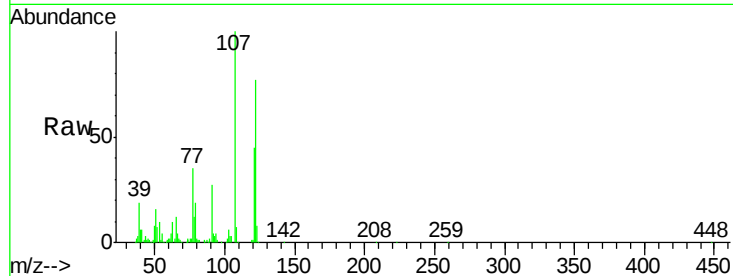
Tgt Ion:122 Resp: 130360

Ion Ratio Lower Upper

122 100

107 129.2 102.3 153.5

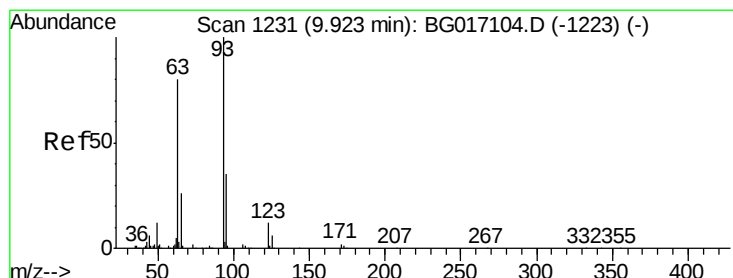
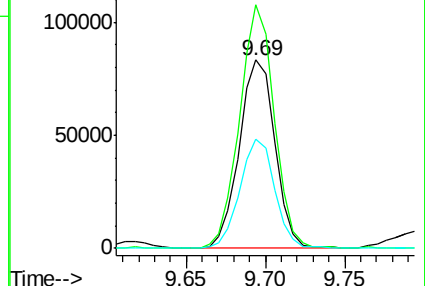
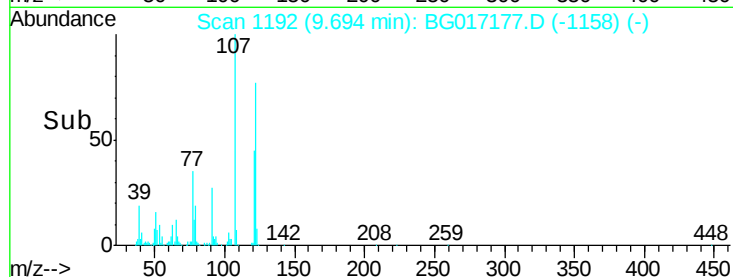
121 57.8 48.7 73.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.84 ng

RT: 9.92 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

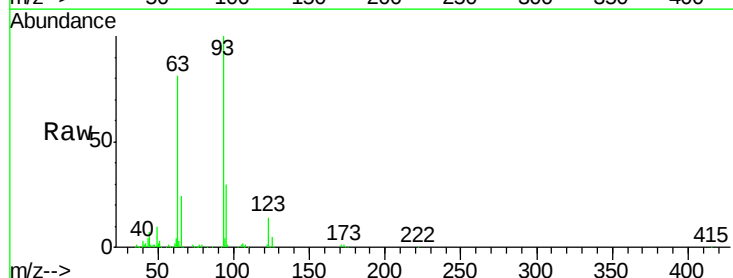
Tgt Ion: 93 Resp: 150359

Ion Ratio Lower Upper

93 100

95 30.3 28.0 42.0

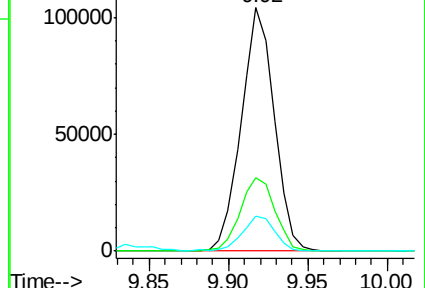
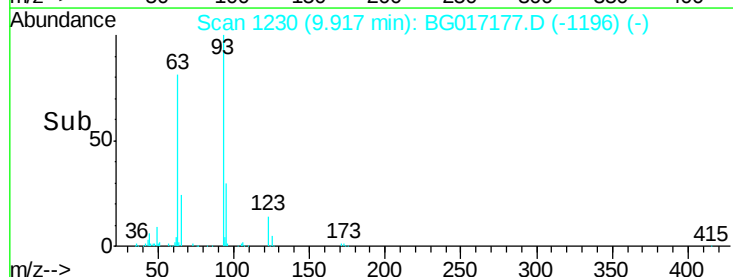
123 14.5 10.3 15.5

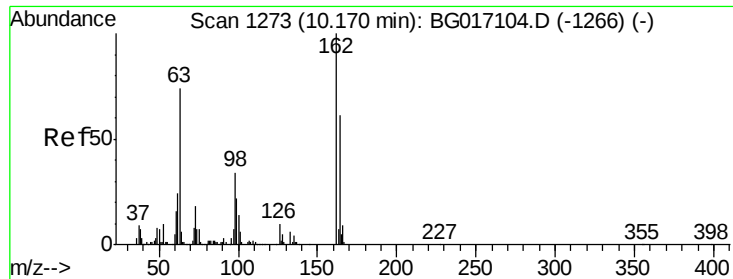


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

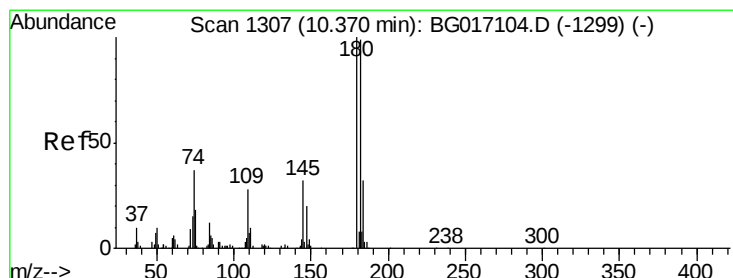
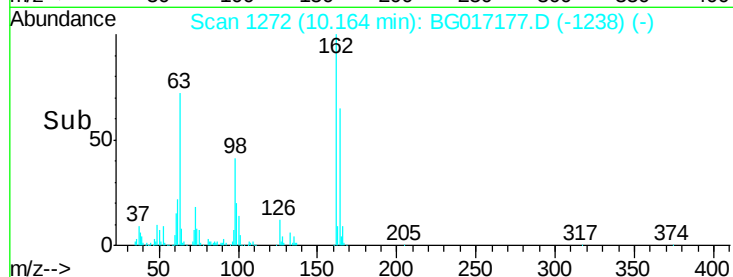
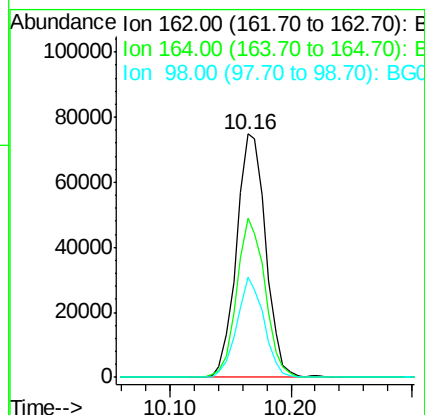
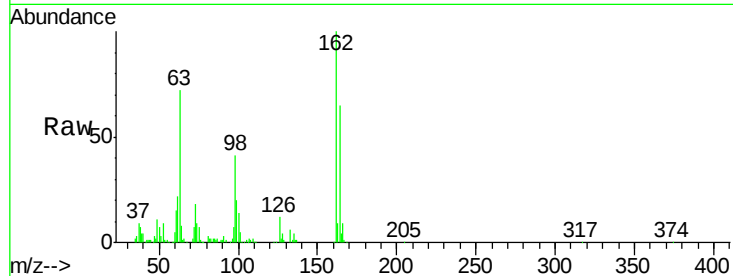




#29
 2,4-Dichlorophenol
 Concen: 39.79 ng
 RT: 10.16 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

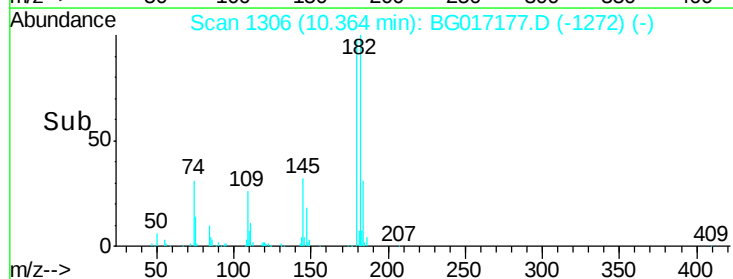
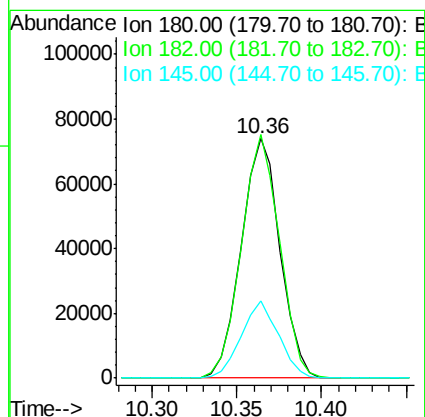
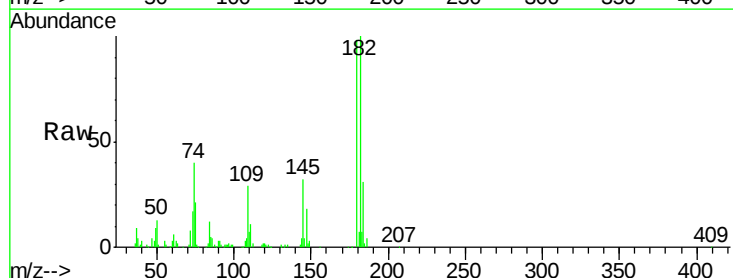
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

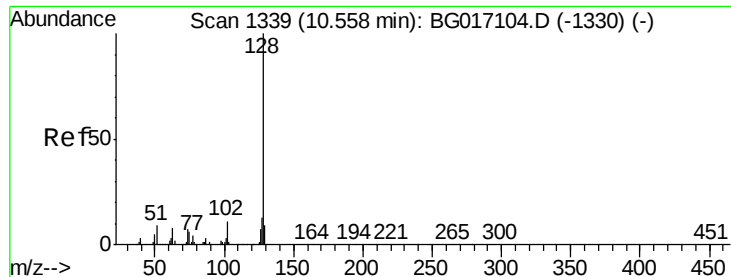
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	41.4	81.4
98	40.9	14.3	54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 32.77 ng
 RT: 10.36 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.6	79.4	119.0
145	32.5	25.3	37.9

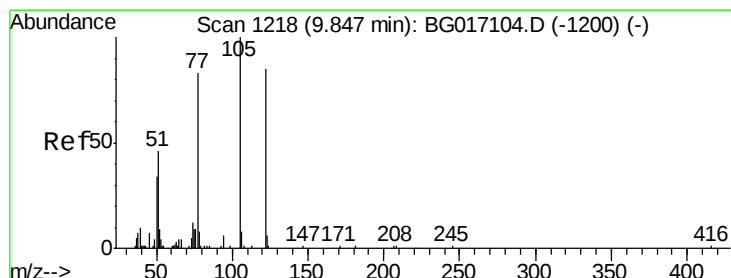
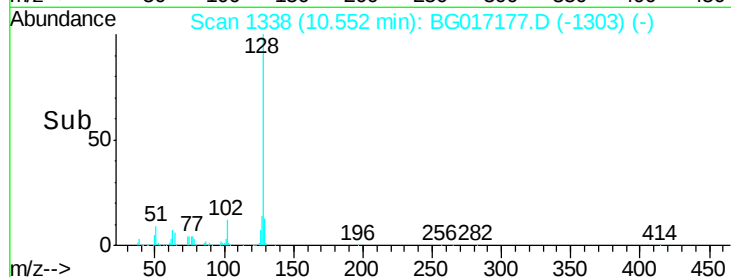
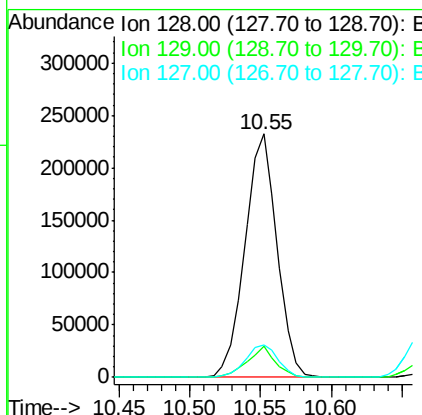
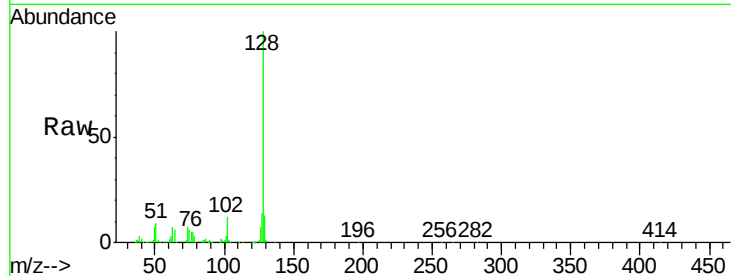




#31
Naphthalene
Concen: 34.53 ng
RT: 10.55 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

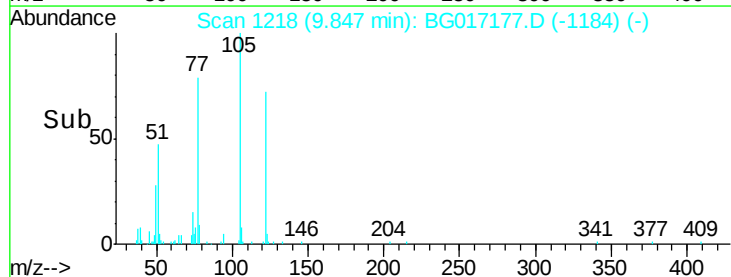
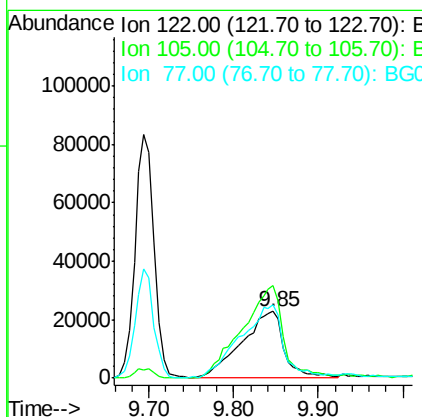
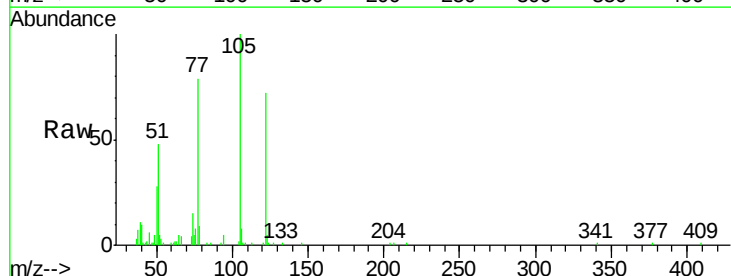
Instrument :
BNA_G
ClientSampleId :
PB83400BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.9	7.6	11.4#
127	13.5	10.6	16.0



#32
Benzoic acid
Concen: 34.26 ng
RT: 9.85 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.2	96.7	136.7#
77	110.2	78.5	118.5





#33

4-Chloroaniline

Concen: 15.96 ng

RT: 10.66 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

Tgt Ion:127 Resp: 80603

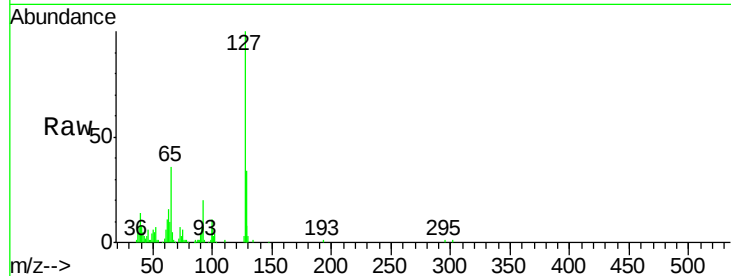
Ion Ratio Lower Upper

127 100

129 34.1 24.8 37.2

65 35.8 25.8 38.6

92 20.1 15.0 22.4

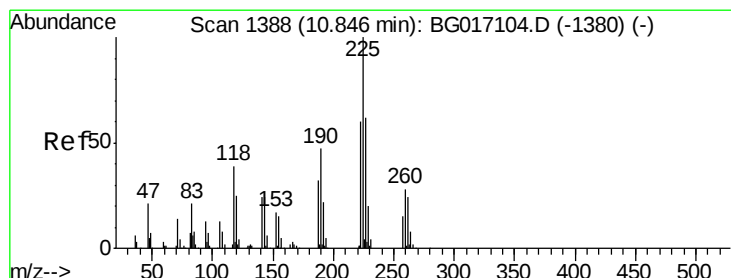
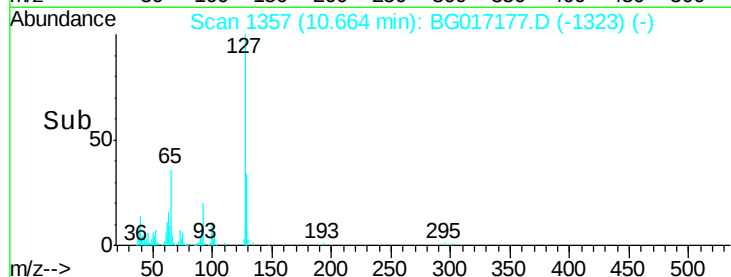
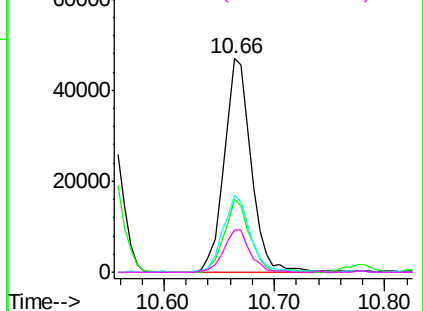


Abundance Ion 127.00 (126.70 to 127.70): E

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: 31.93 ng

RT: 10.83 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

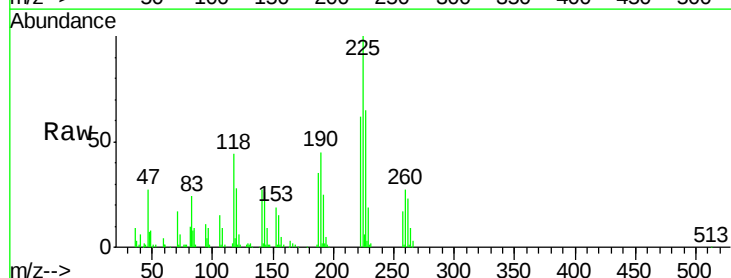
Tgt Ion:225 Resp: 72819

Ion Ratio Lower Upper

225 100

223 62.4 48.3 72.5

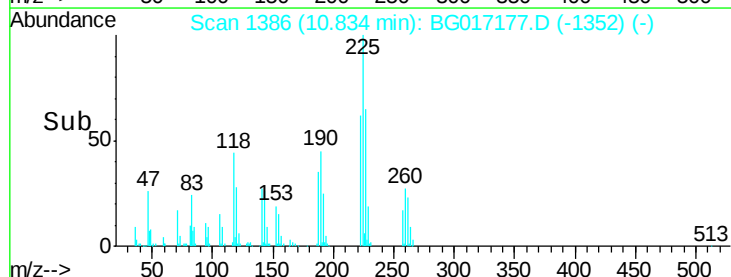
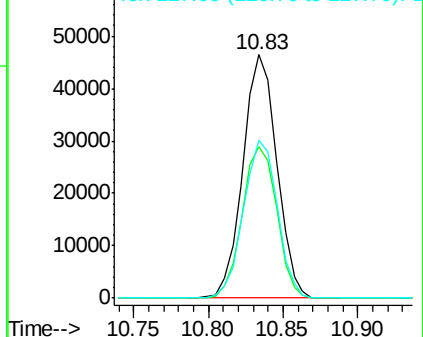
227 64.9 49.8 74.8

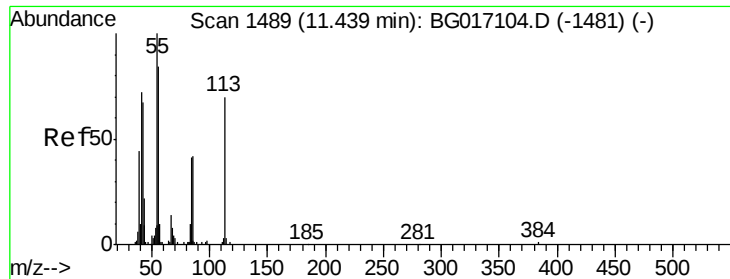


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.50 ng

RT: 11.49 min Scan# 1498

Delta R.T. 0.05 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

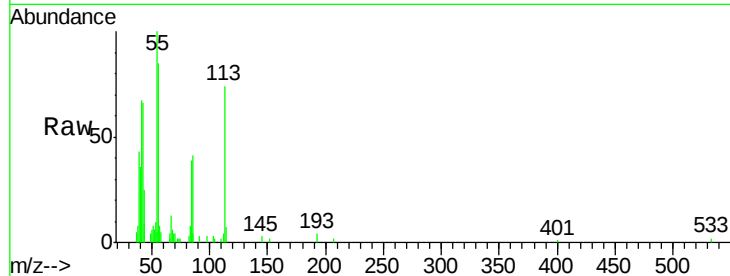
Tgt Ion:113 Resp: 16760

Ion Ratio Lower Upper

113 100

55 134.5 124.1 164.1

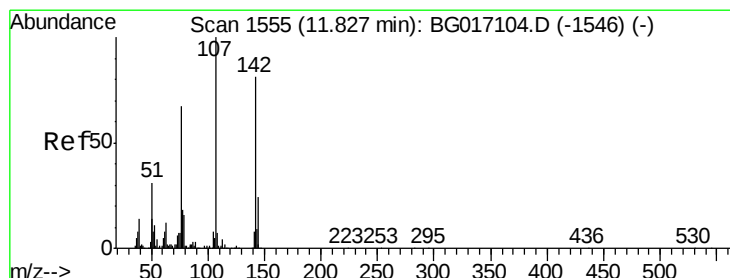
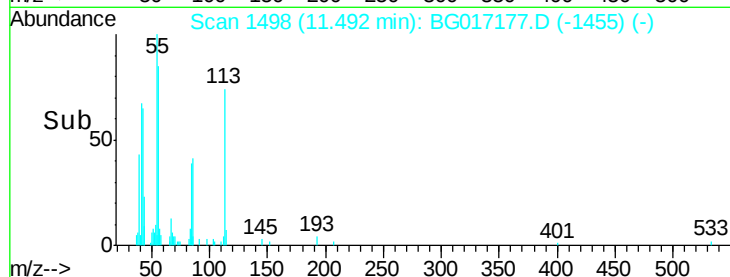
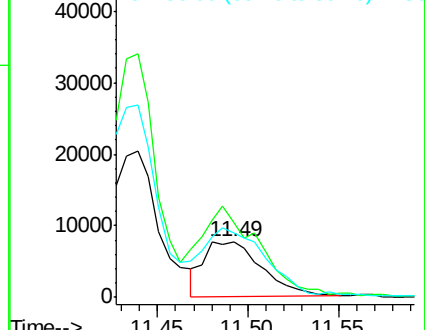
56 114.9 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.06 ng

RT: 11.83 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

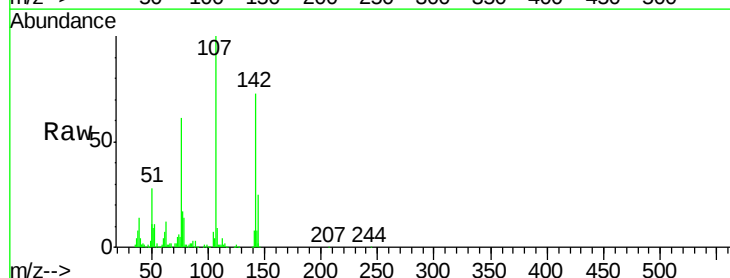
Tgt Ion:107 Resp: 160680

Ion Ratio Lower Upper

107 100

144 25.2 19.6 29.4

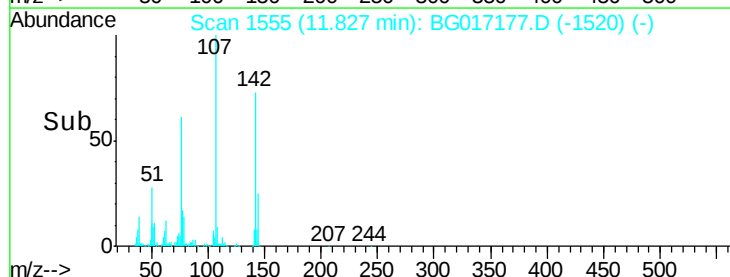
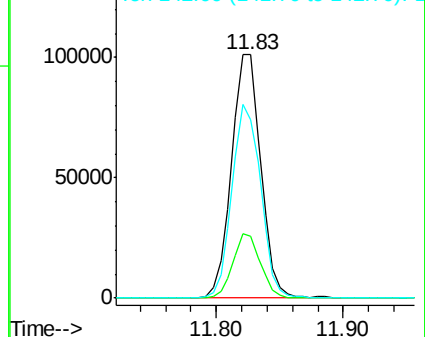
142 73.2 64.9 97.3

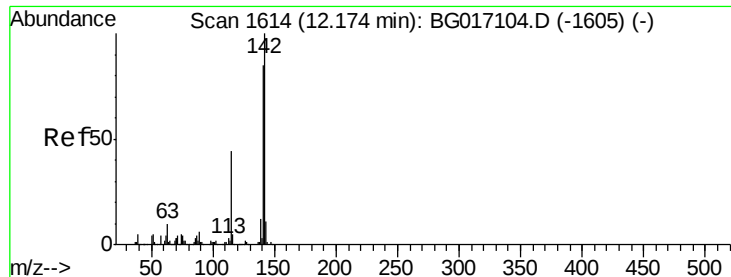


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

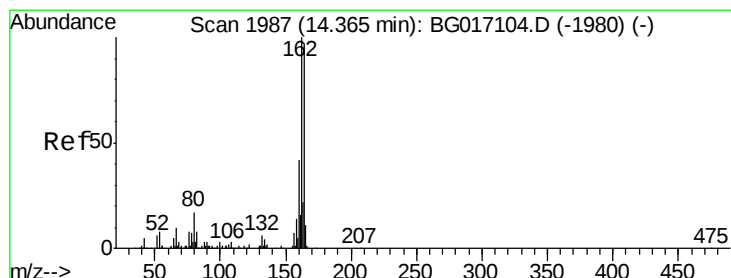
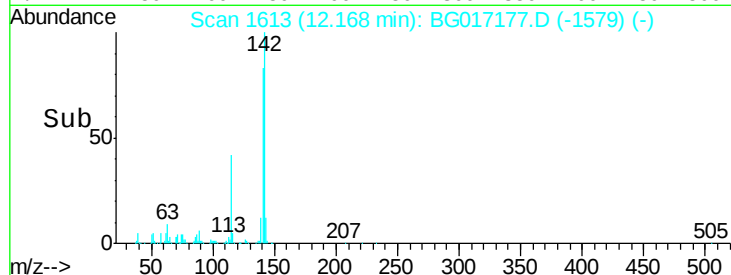
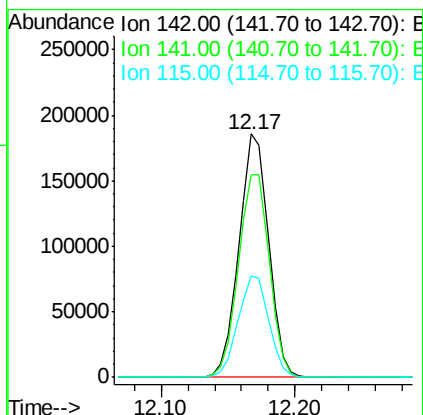
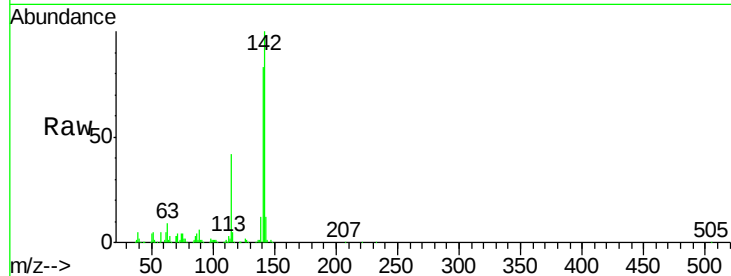




#37
 2-Methylnaphthalene
 Concen: 33.58 ng
 RT: 12.17 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

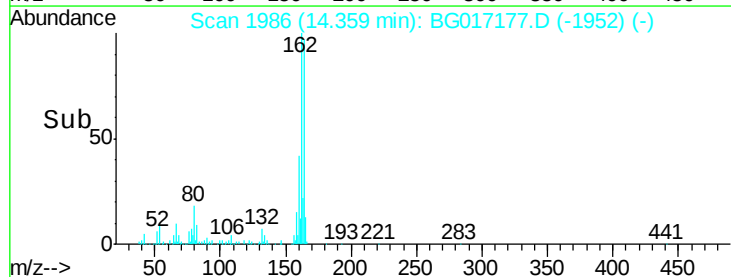
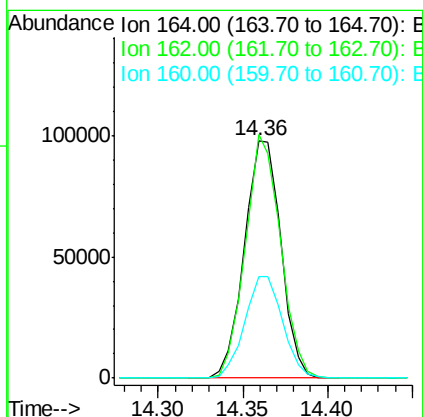
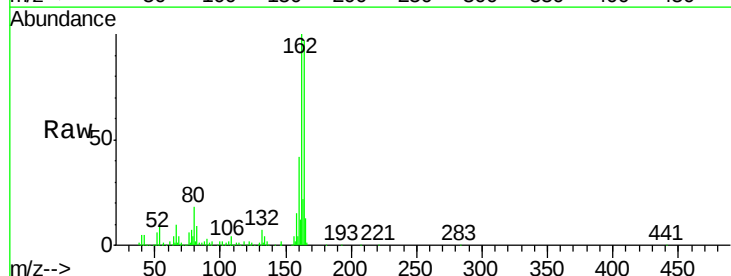
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

Tgt Ion:142 Resp: 284454
 Ion Ratio Lower Upper
 142 100
 141 83.4 68.2 102.2
 115 41.6 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion:164 Resp: 147534
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 42.7 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.79 ng

RT: 12.54 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

Tgt Ion:216 Resp: 136875

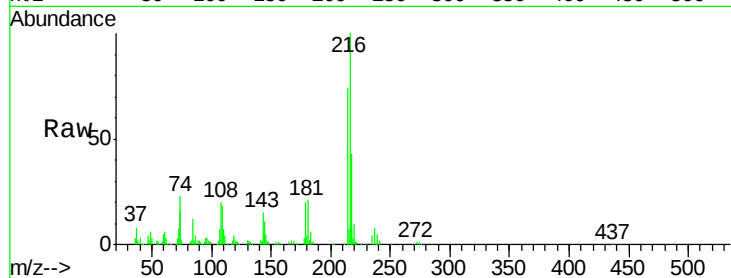
Ion Ratio Lower Upper

216 100

214 79.3 63.3 94.9

179 21.9 17.8 26.8

108 27.2 19.9 29.9

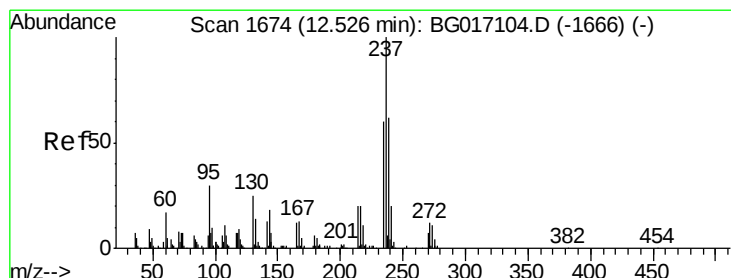
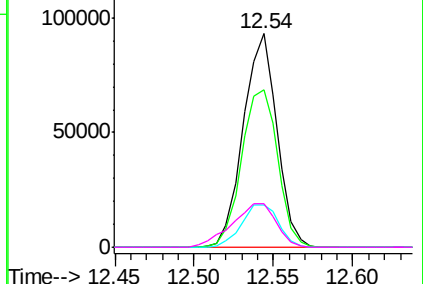
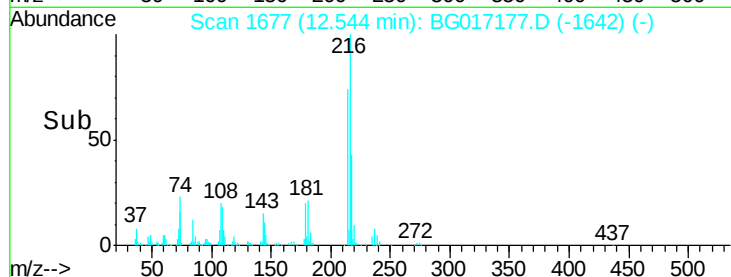


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.57 ng

RT: 12.52 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

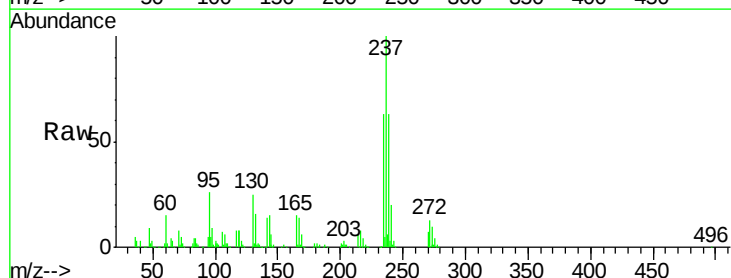
Tgt Ion:237 Resp: 174599

Ion Ratio Lower Upper

237 100

235 63.0 39.7 79.7

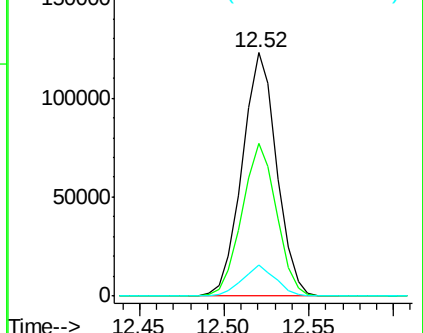
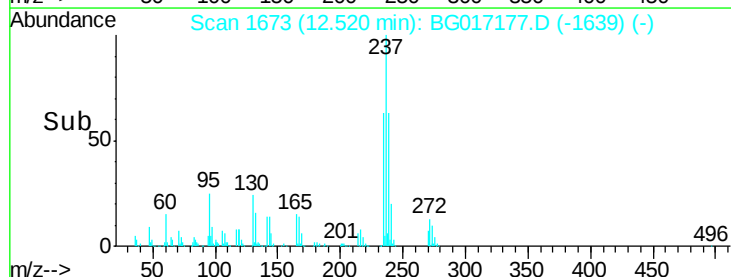
272 12.8 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

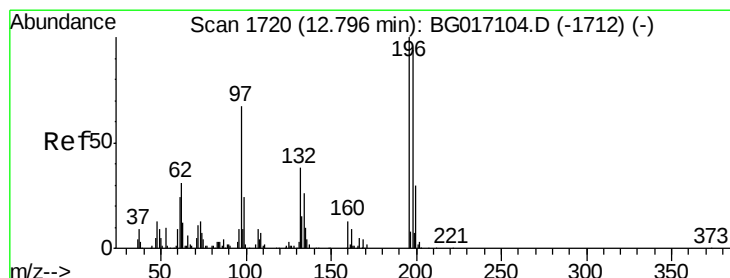
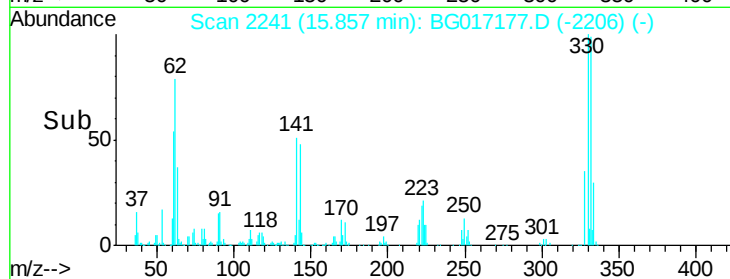
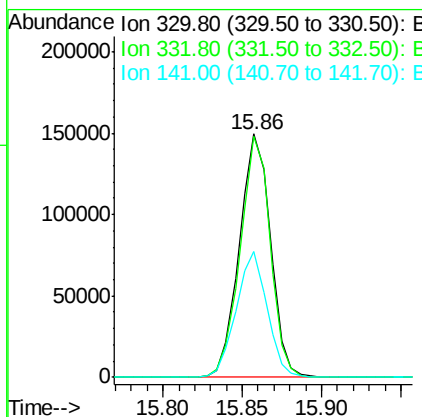
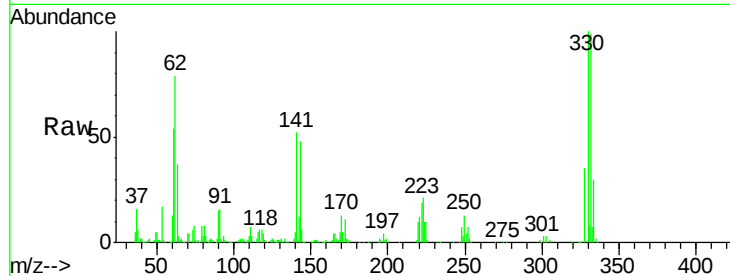




#41
 2,4,6-Tribromophenol
 Concen: 114.39 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

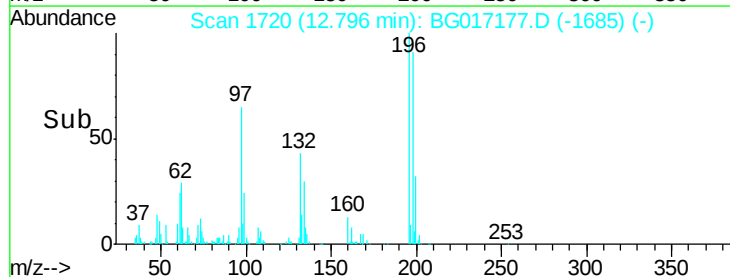
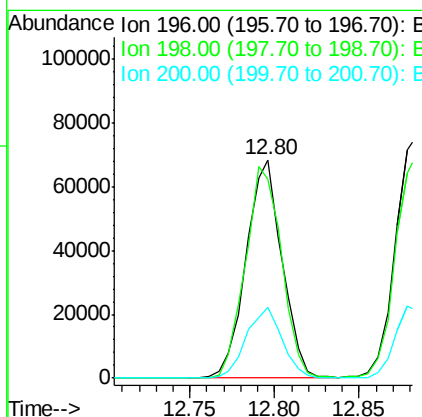
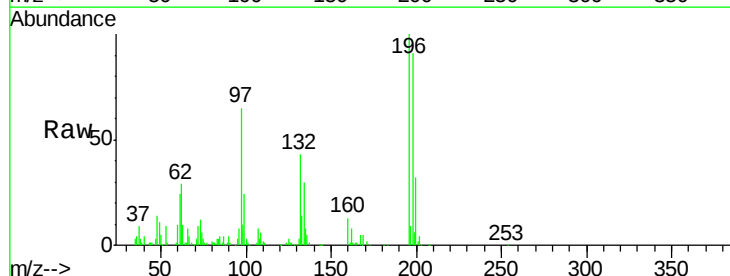
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

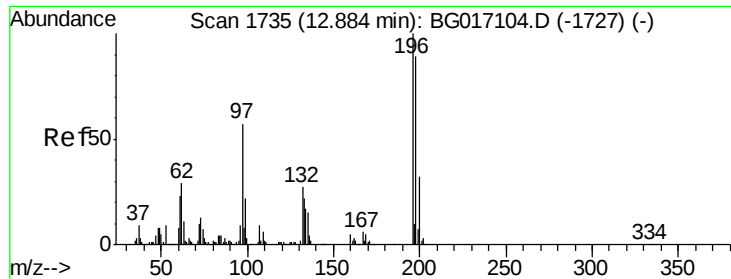
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	51.5	42.2	63.2



#42
 2,4,6-Trichlorophenol
 Concen: 34.34 ng
 RT: 12.80 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	74.9	112.3
200	32.2	24.2	36.2

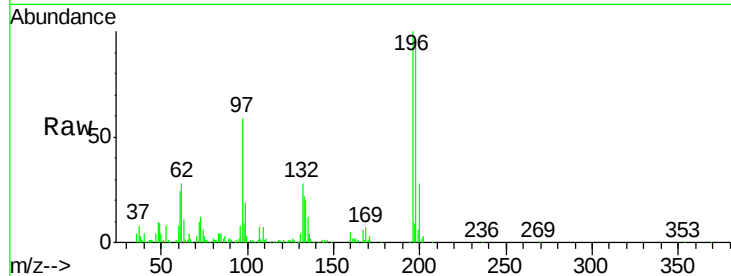




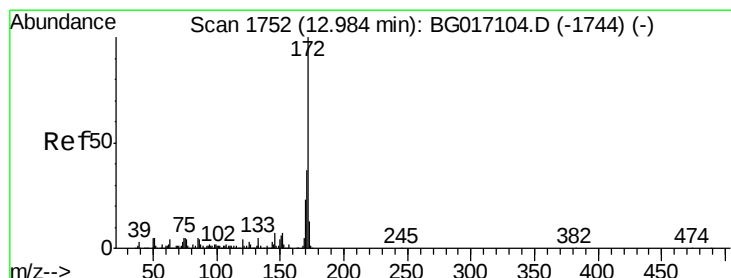
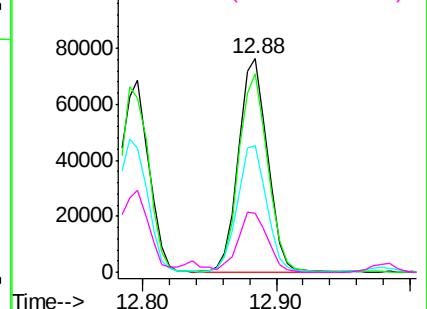
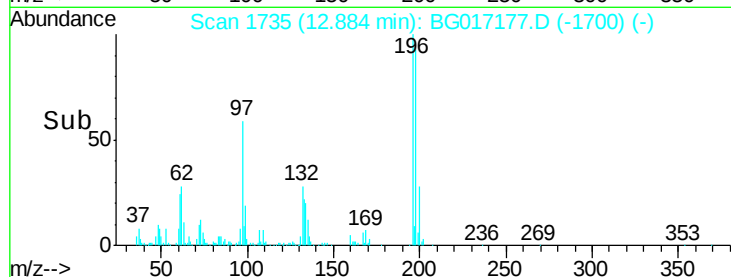
#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	71.4	107.0
97	59.4	45.4	68.0
132	27.7	22.5	33.7

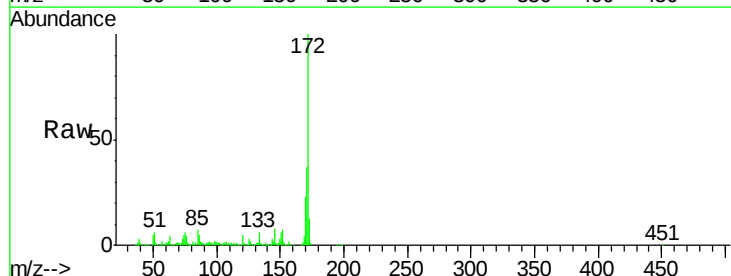


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

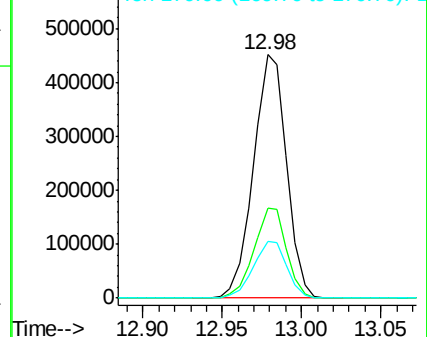
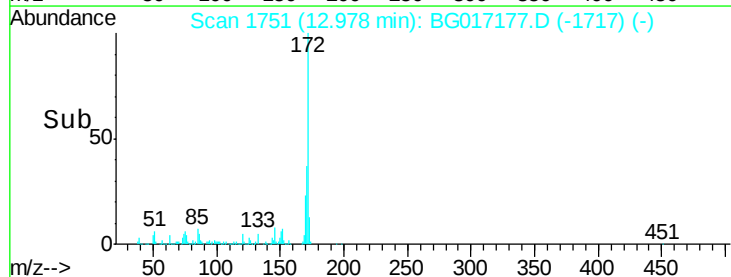


#44
 2-Fluorobiphenyl
 Concen: 65.02 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.3	18.4	27.6



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

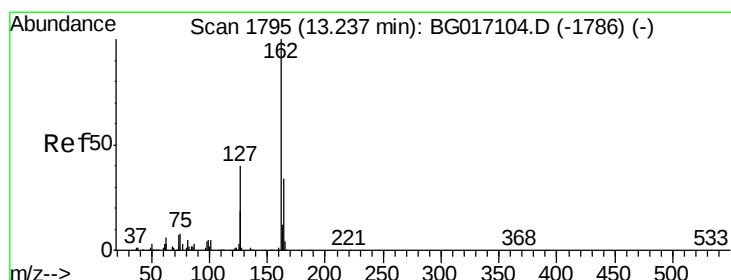
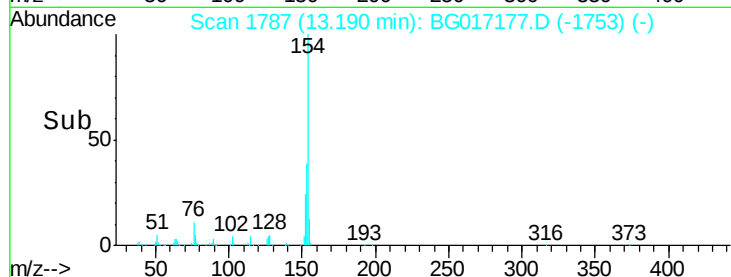
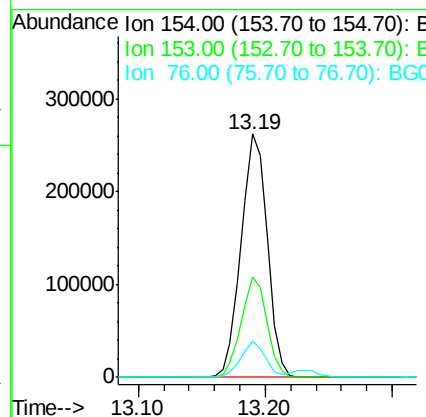
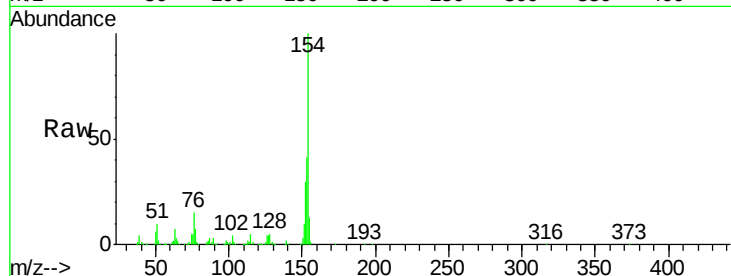




#45
 1,1'-Biphenyl
 Concen: 35.13 ng
 RT: 13.19 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

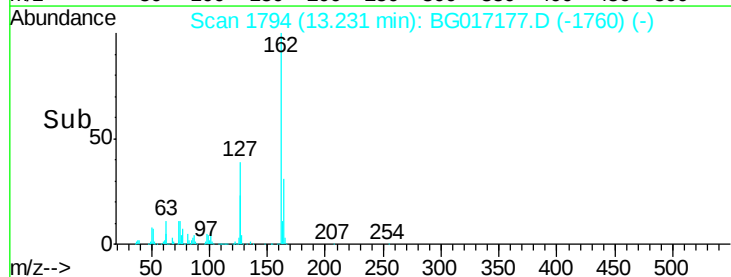
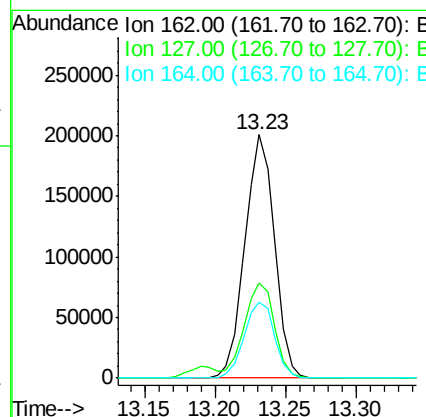
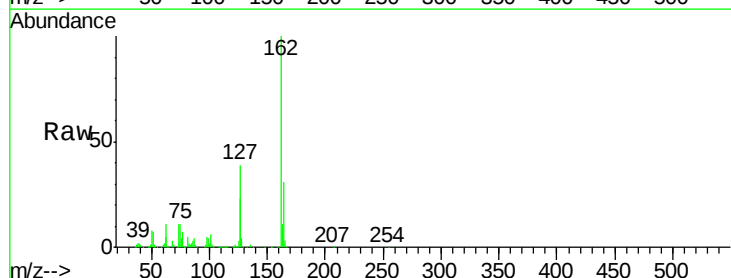
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

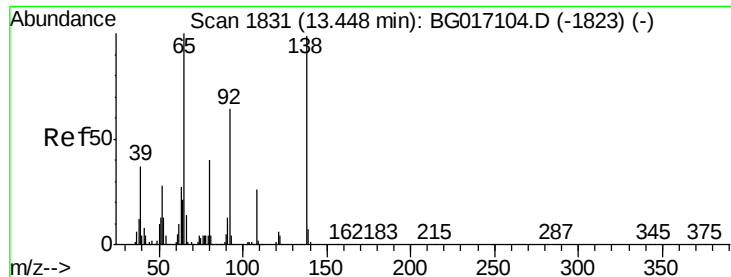
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	14.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 34.95 ng
 RT: 13.23 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.5	50.3
164	31.4	27.0	40.6

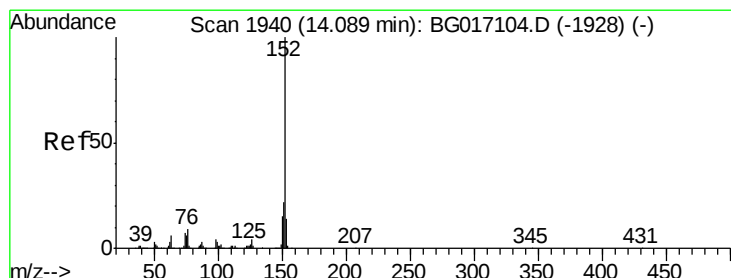
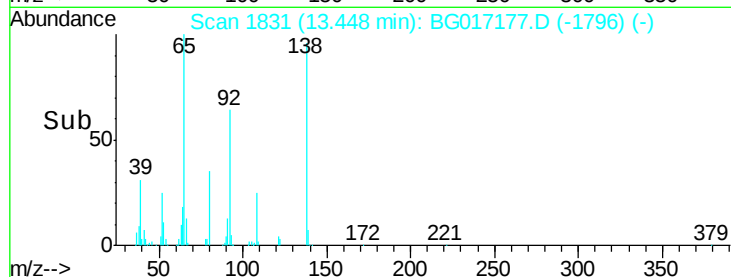
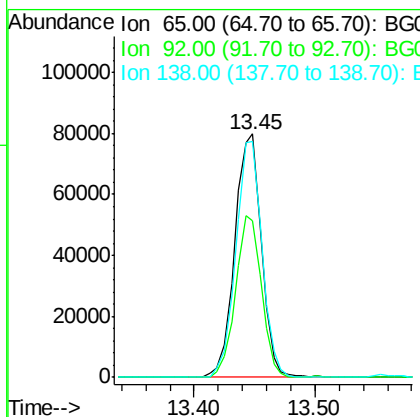
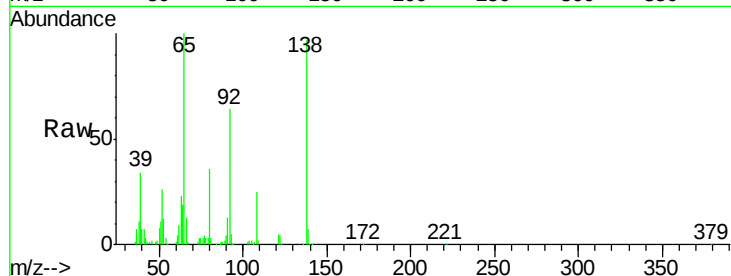




#47
2-Nitroaniline
Concen: 37.51 ng
RT: 13.45 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

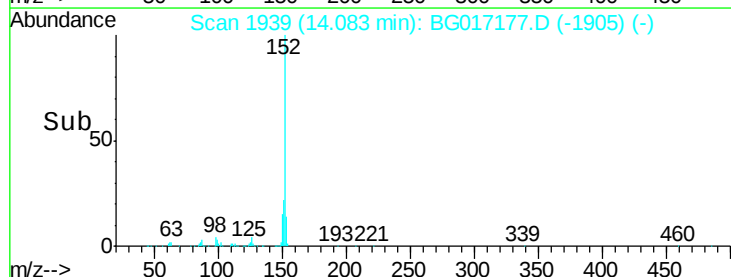
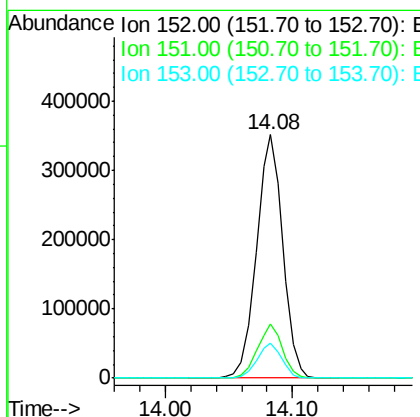
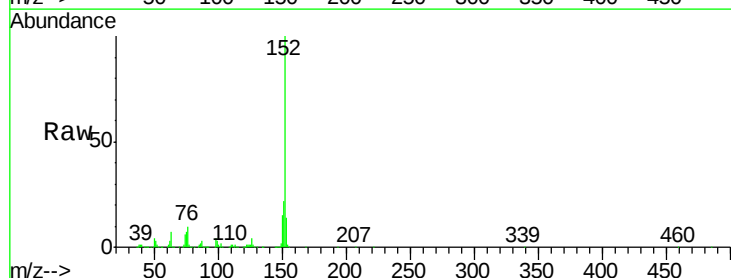
Instrument :
BNA_G
ClientSampleId :
PB83400BS

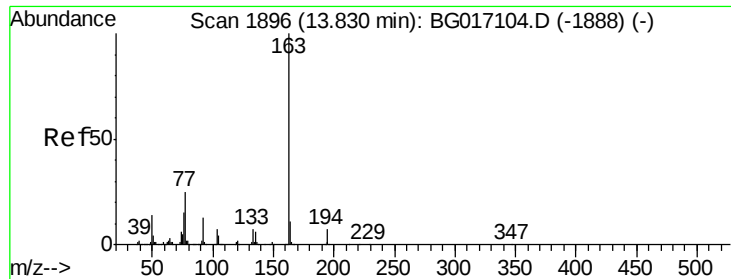
Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	51.0	76.4
138	96.7	79.3	118.9



#48
Acenaphthylene
Concen: 35.05 ng
RT: 14.08 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	14.2	10.8	16.2





#49

Dimethylphthalate

Concen: 34.63 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

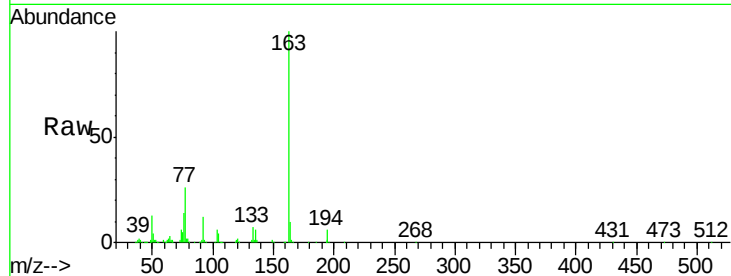
Tgt Ion:163 Resp: 399522

Ion Ratio Lower Upper

163 100

194 6.1 5.6 8.4

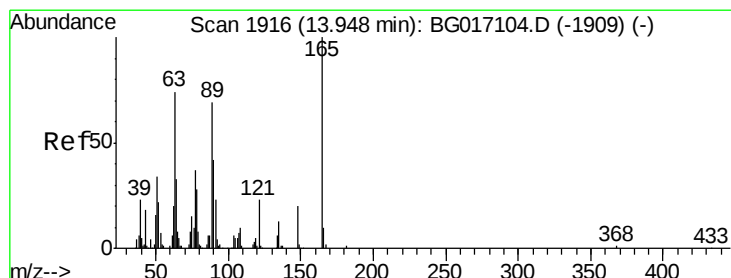
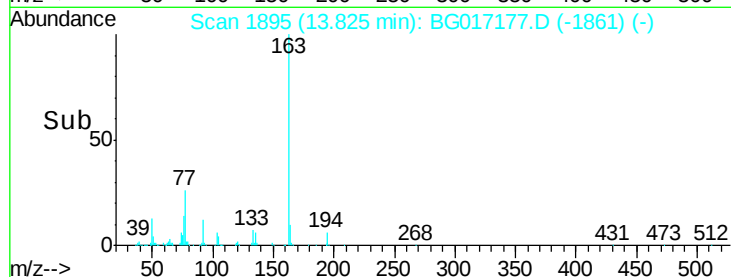
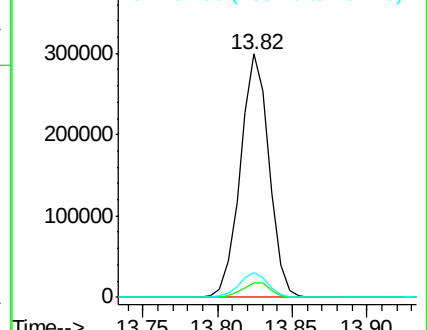
164 10.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.97 ng

RT: 13.94 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

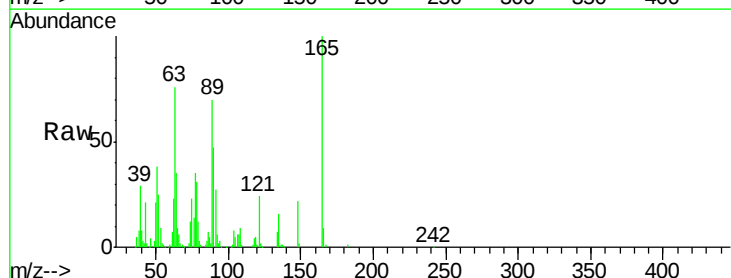
Tgt Ion:165 Resp: 91960

Ion Ratio Lower Upper

165 100

63 76.1 60.6 90.8

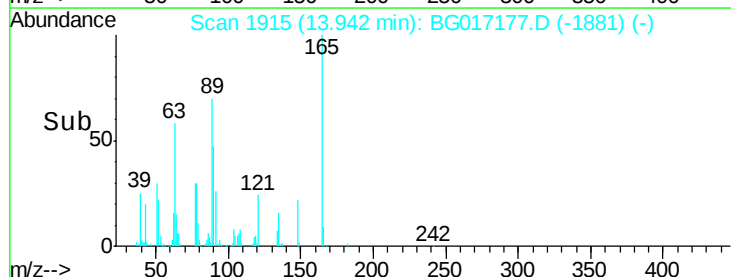
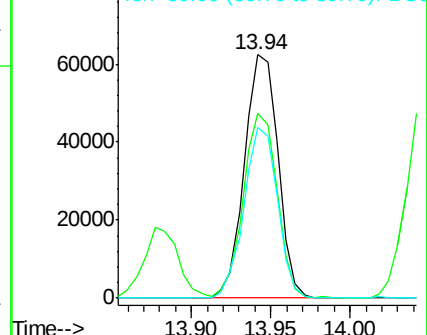
89 70.2 55.0 82.6

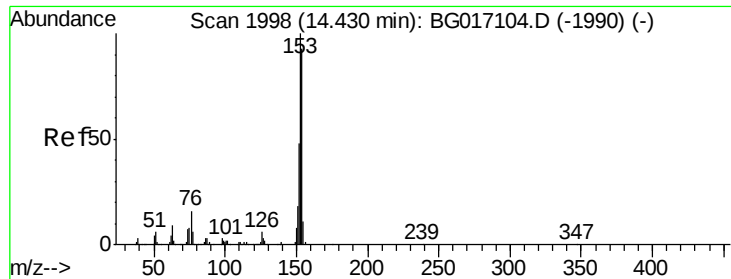


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.37 ng

RT: 14.42 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

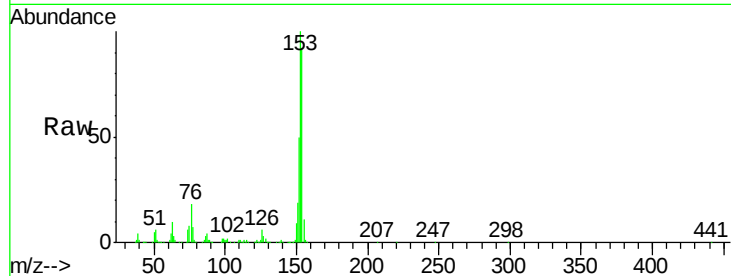
Tgt Ion:154 Resp: 301018

Ion Ratio Lower Upper

154 100

153 109.1 86.2 129.4

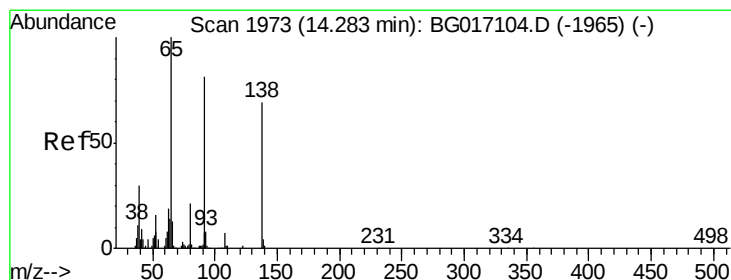
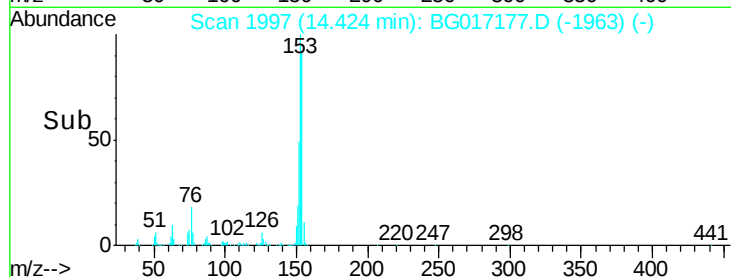
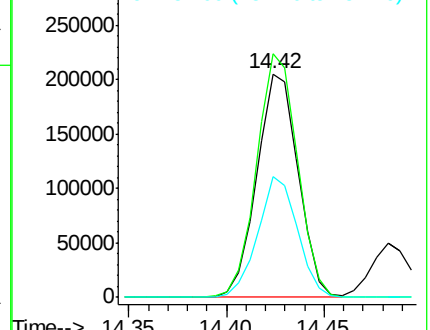
152 54.0 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.53 ng

RT: 14.28 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

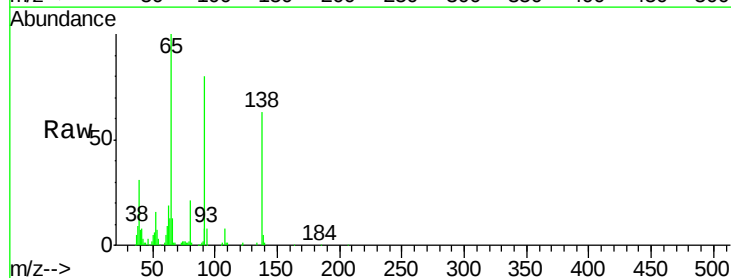
Tgt Ion:138 Resp: 69561

Ion Ratio Lower Upper

138 100

108 12.7 7.6 11.4#

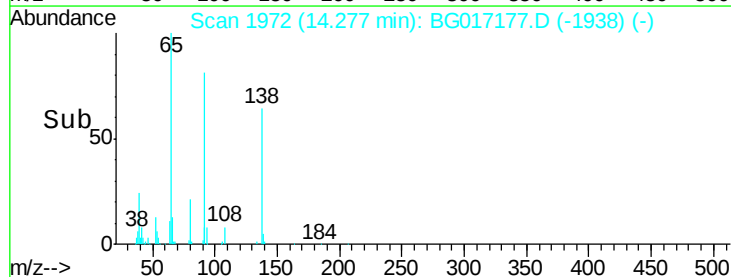
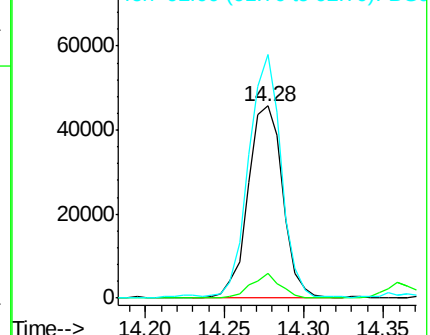
92 126.7 93.6 140.4

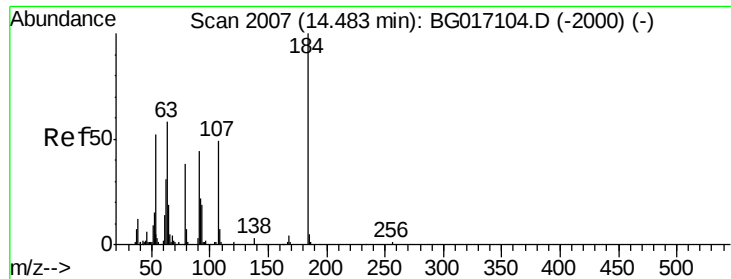


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 73.95 ng

RT: 14.48 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

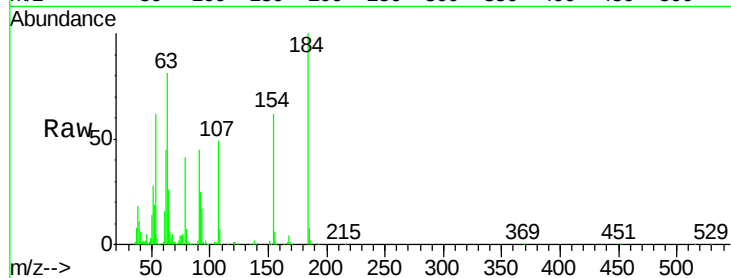
Tgt Ion:184 Resp: 109751

Ion Ratio Lower Upper

184 100

63 80.8 63.6 95.4

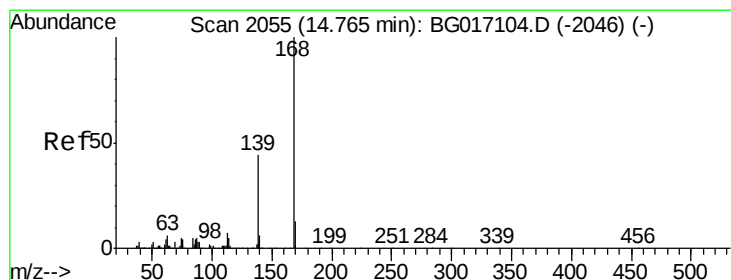
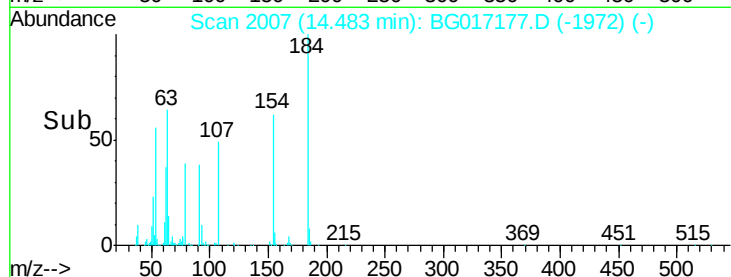
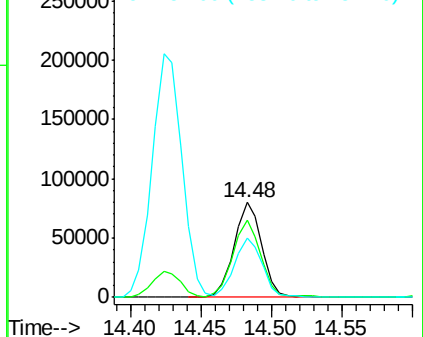
154 62.2 47.8 71.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.63 ng

RT: 14.76 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

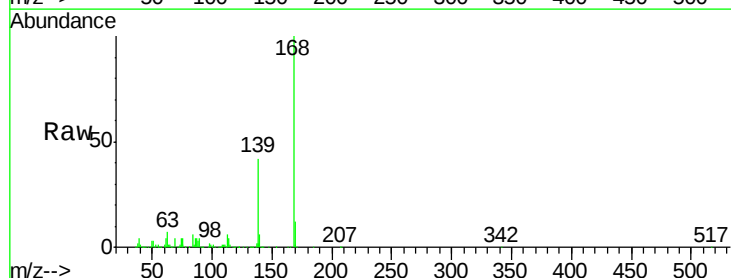
Tgt Ion:168 Resp: 463440

Ion Ratio Lower Upper

168 100

139 42.3 34.9 52.3

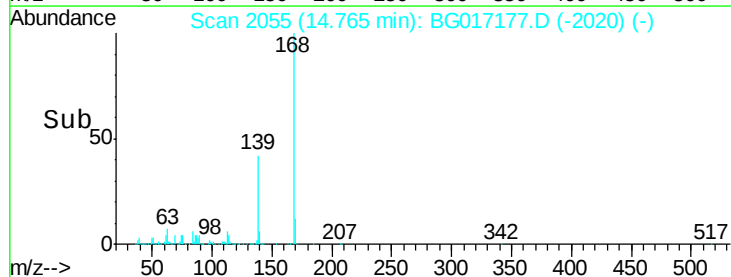
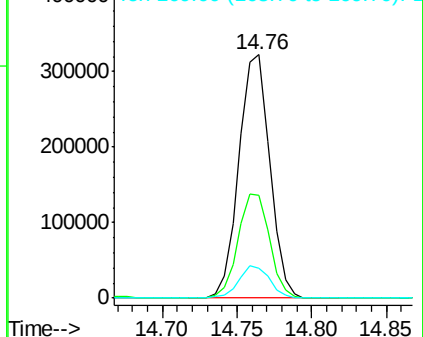
169 12.5 10.5 15.7

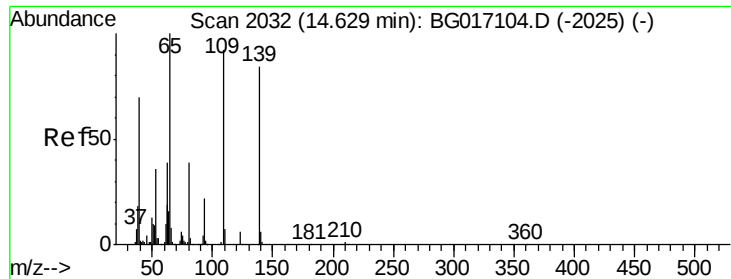


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

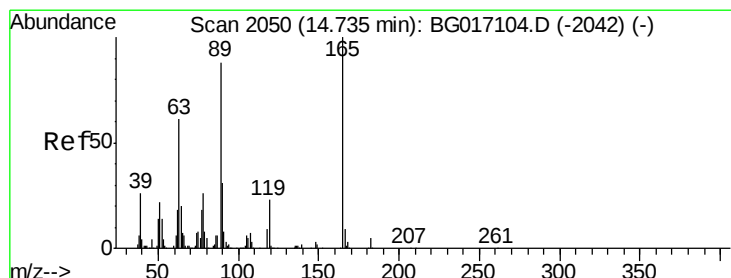
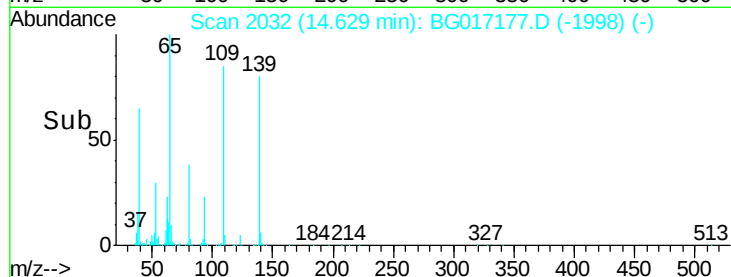
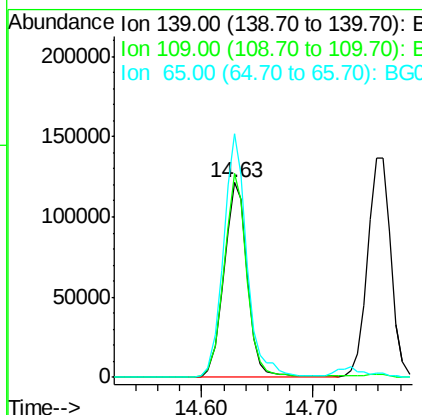
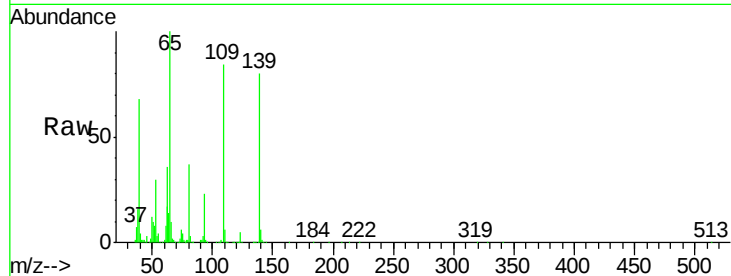




#55
4-Nitrophenol
Concen: 79.01 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

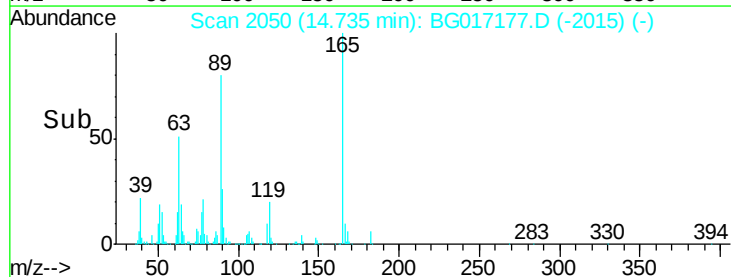
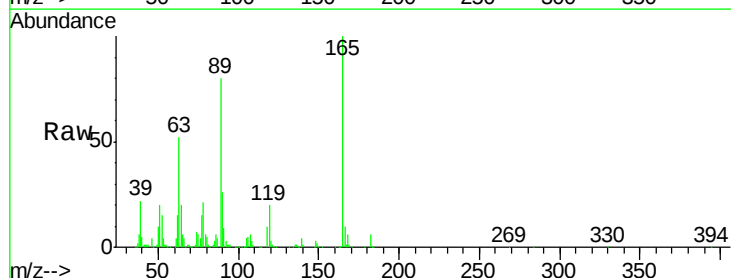
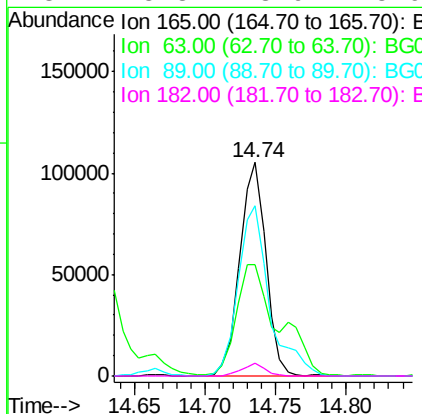
Instrument :
BNA_G
ClientSampleId :
PB83400BS

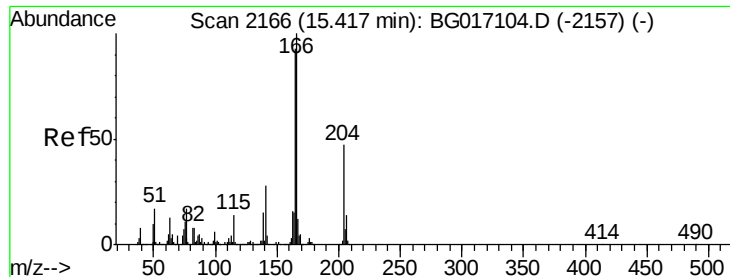
Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.9	90.5	130.5
65	125.0	99.9	139.9



#56
2,4-Dinitrotoluene
Concen: 38.25 ng
RT: 14.74 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	49.0	73.4
89	79.8	70.1	105.1
182	5.8	3.9	5.9





#57

Fluorene

Concen: 36.06 ng

RT: 15.41 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

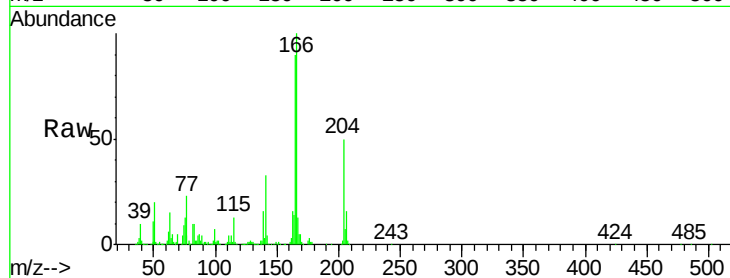
Tgt Ion:166 Resp: 403847

Ion Ratio Lower Upper

166 100

165 89.6 74.2 111.4

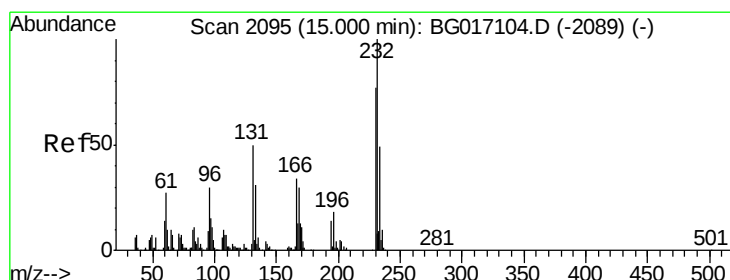
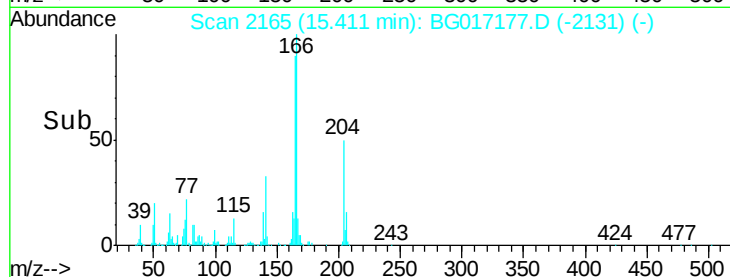
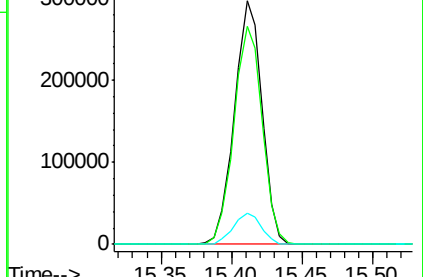
167 12.9 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.01 ng

RT: 14.99 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Tgt Ion:232 Resp: 106421

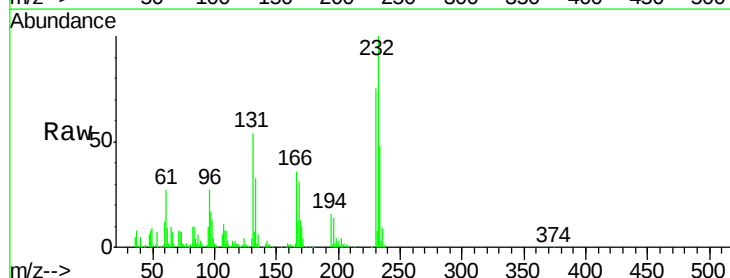
Ion Ratio Lower Upper

232 100

131 54.2 42.7 64.1

130 4.0 3.0 4.4

166 32.4 25.7 38.5

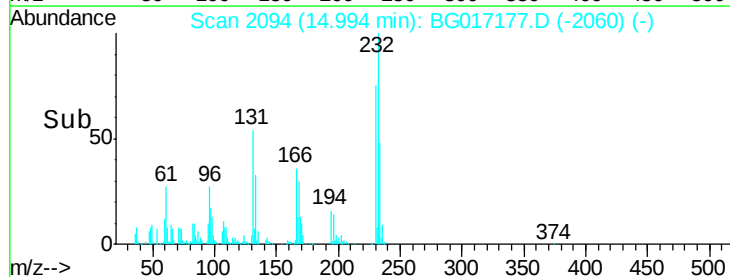
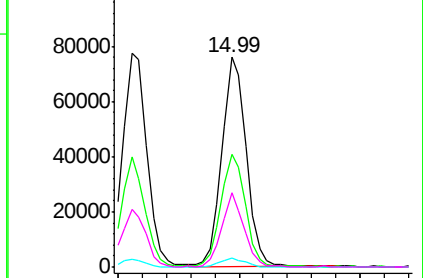


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.12 ng

RT: 15.19 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

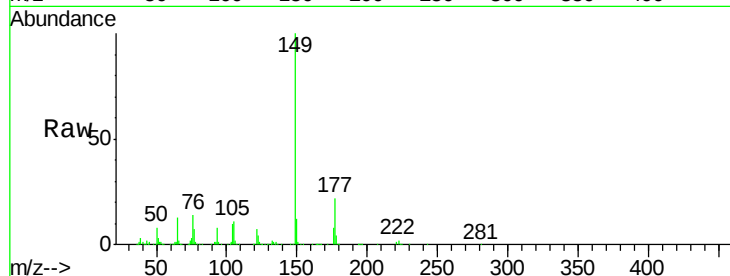
Tgt Ion:149 Resp: 435129

Ion Ratio Lower Upper

149 100

177 21.8 18.3 27.5

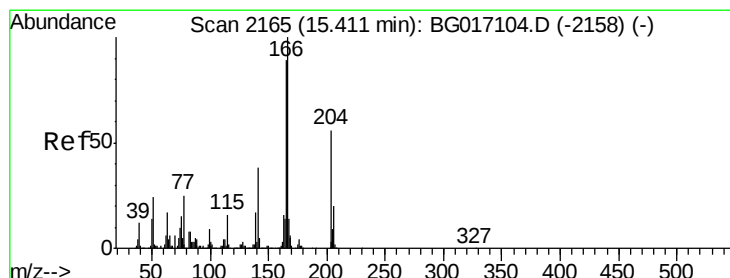
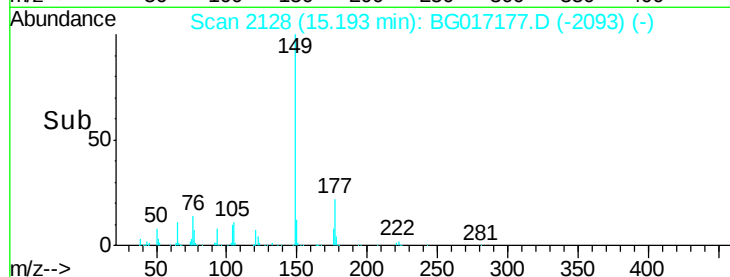
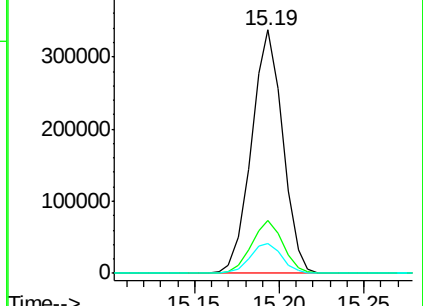
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.40 ng

RT: 15.40 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

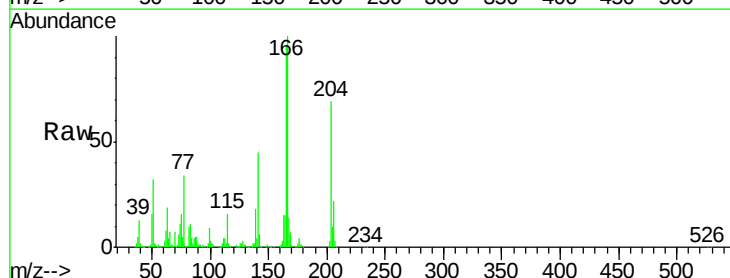
Tgt Ion:204 Resp: 203646

Ion Ratio Lower Upper

204 100

206 31.6 28.6 42.8

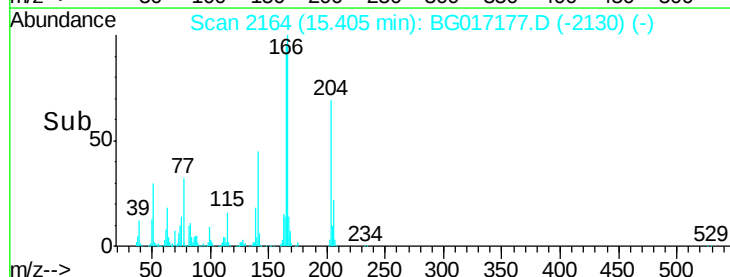
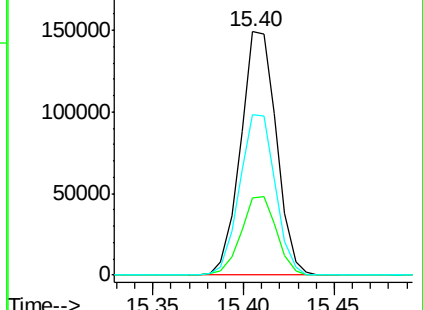
141 65.8 54.2 81.2

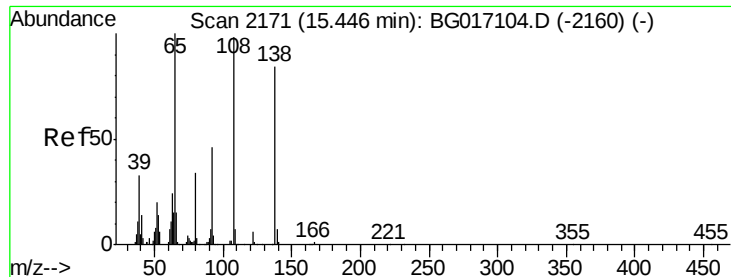


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

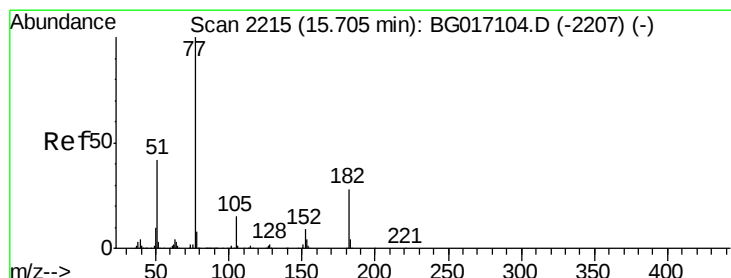
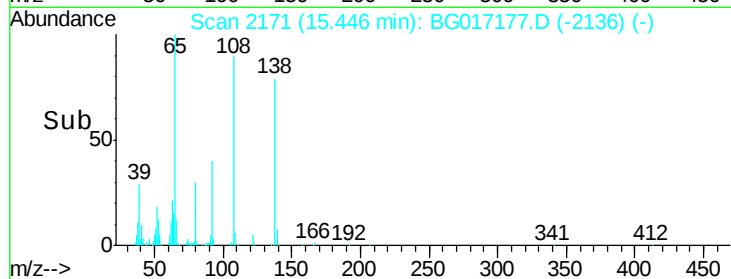
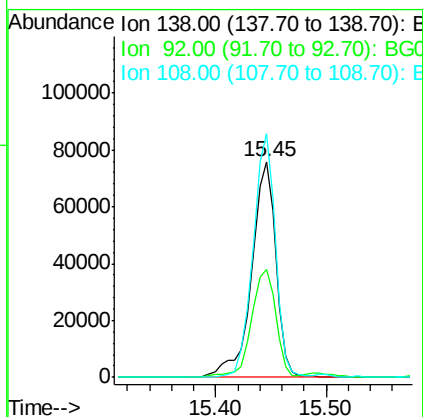
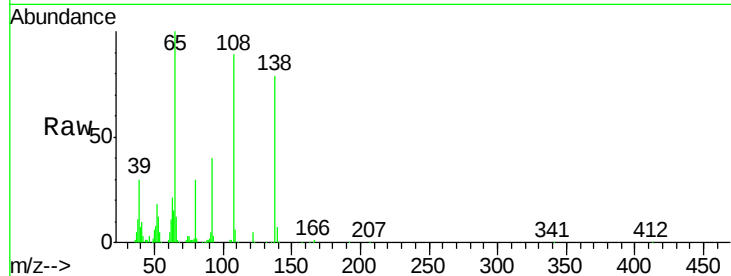




#61
4-Nitroaniline
Concen: 37.21 ng
RT: 15.45 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

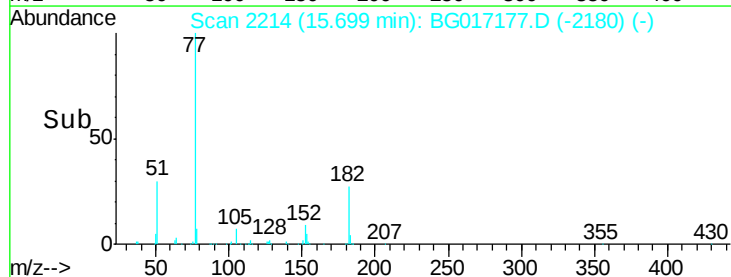
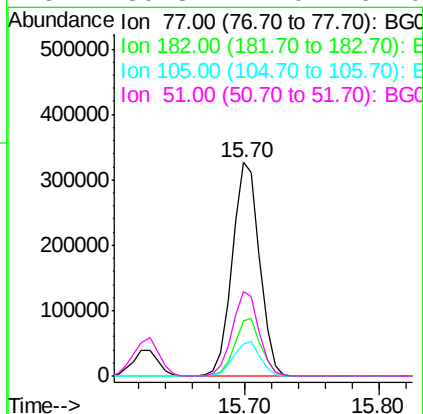
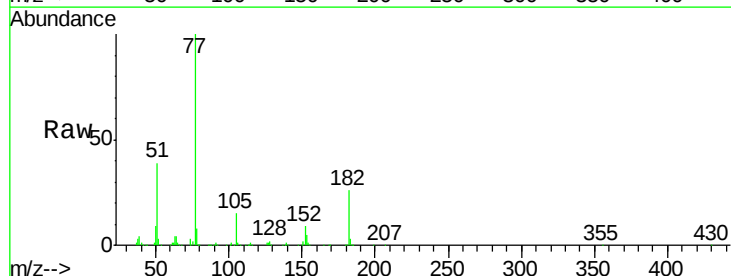
Instrument :
BNA_G
ClientSampled :
PB83400BS

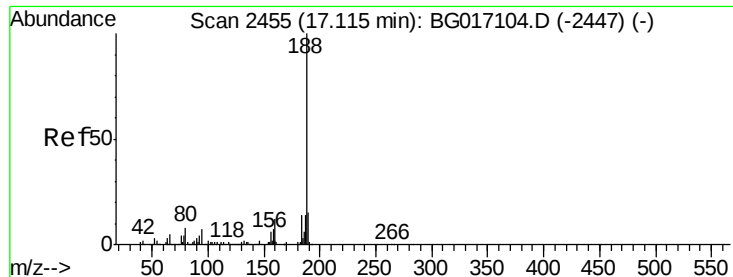
Tgt Ion: 138 Resp: 117751
Ion Ratio Lower Upper
138 100
92 50.1 34.9 74.9
108 112.8 95.8 135.8



#62
Azobenzene
Concen: 39.01 ng
RT: 15.70 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion: 77 Resp: 461829
Ion Ratio Lower Upper
77 100
182 25.6 8.1 48.1
105 15.1 0.0 34.8
51 39.3 22.0 62.0

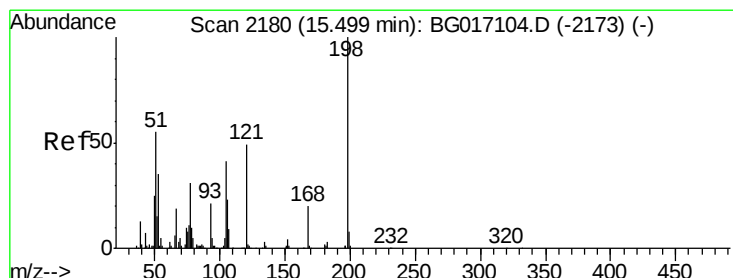
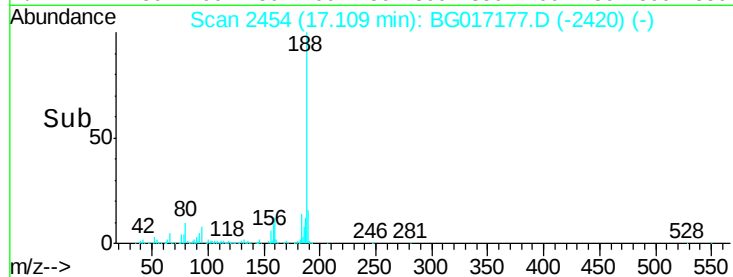
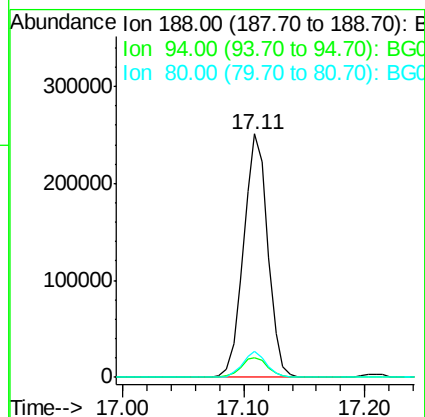
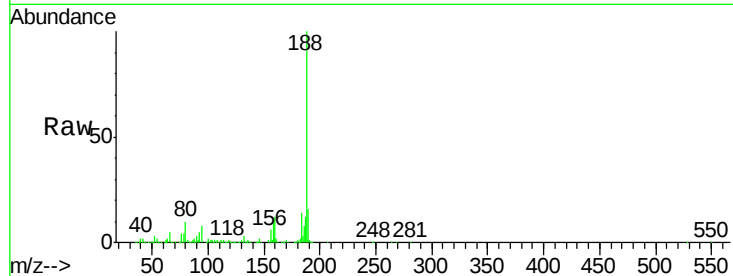




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

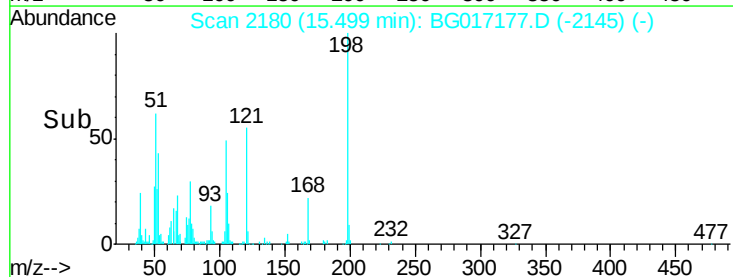
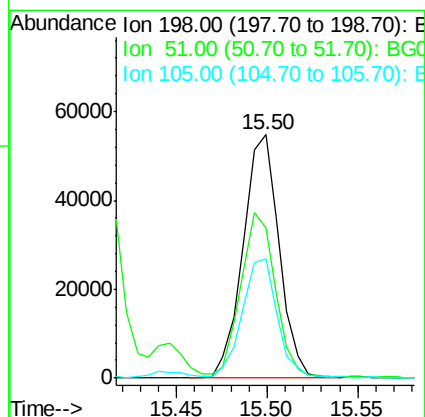
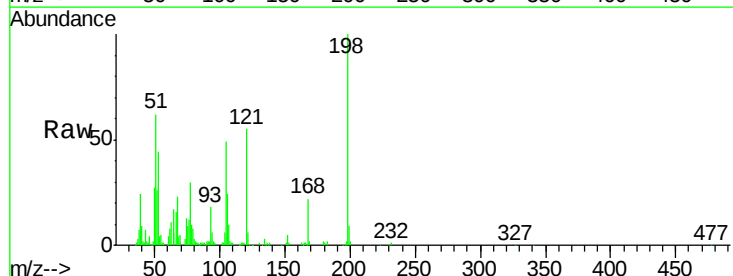
Instrument :
BNA_G
ClientSampleId :
PB83400BS

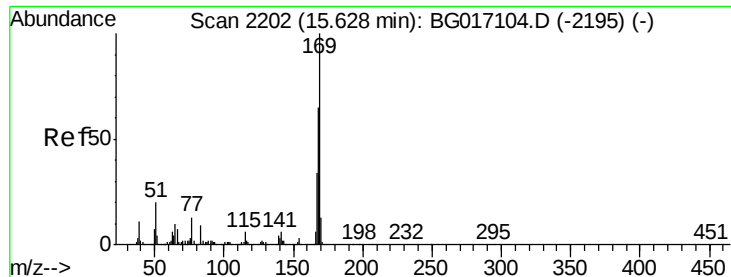
Tgt Ion:188 Resp: 349949
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 10.5 6.5 9.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 31.62 ng
RT: 15.50 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion:198 Resp: 75833
Ion Ratio Lower Upper
198 100
51 61.7 39.9 79.9
105 48.9 22.0 62.0

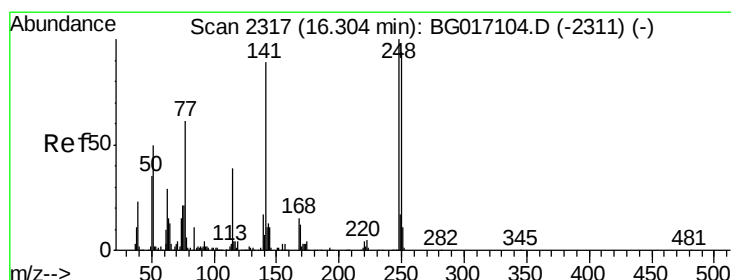
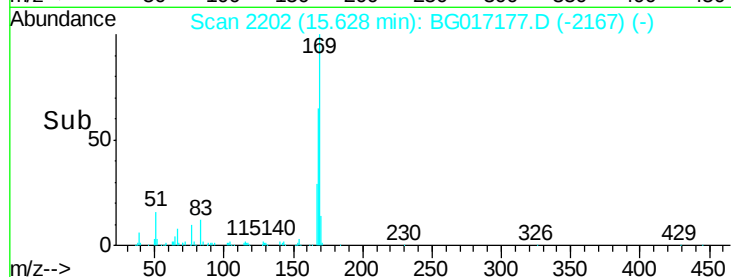
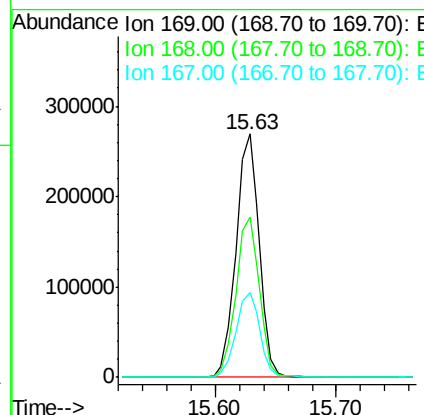
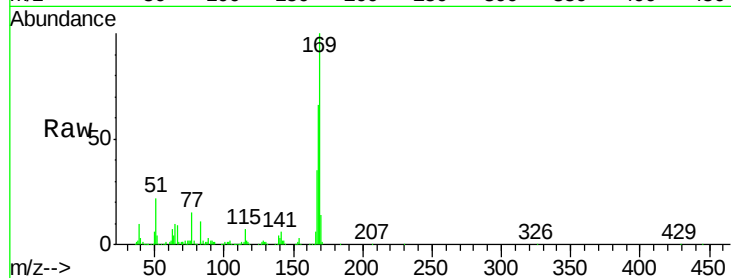




#65
n-Nitrosodiphenylamine
Concen: 33.35 ng
RT: 15.63 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

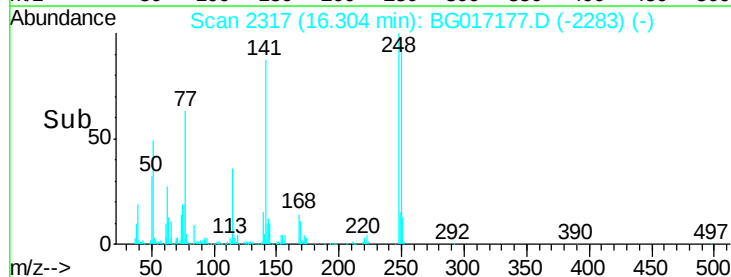
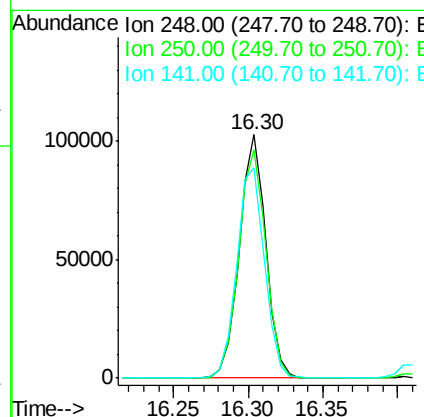
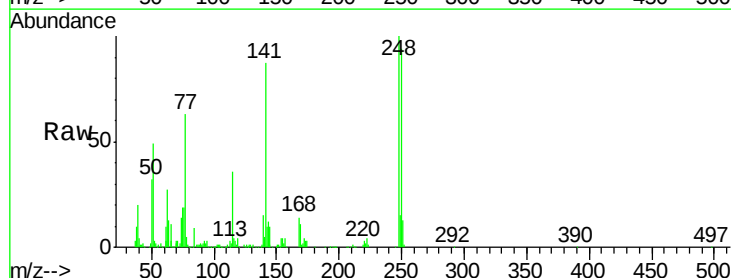
Instrument :
BNA_G
ClientSampleId :
PB83400BS

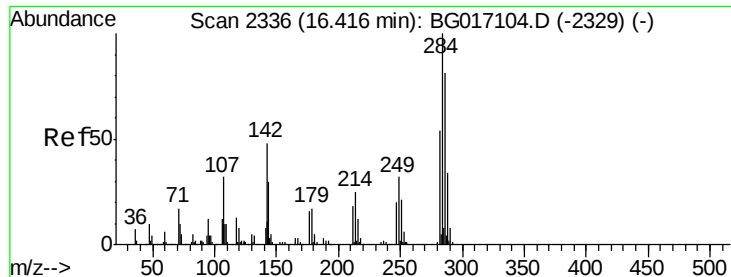
Tgt Ion:169 Resp: 358297
Ion Ratio Lower Upper
169 100
168 65.8 51.7 77.5
167 34.9 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 33.24 ng
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion:248 Resp: 126857
Ion Ratio Lower Upper
248 100
250 93.6 75.0 112.4
141 86.5 71.3 106.9

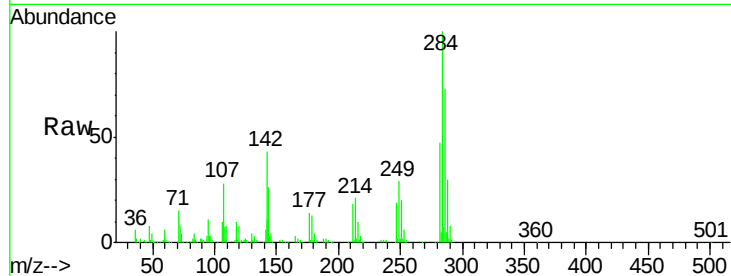




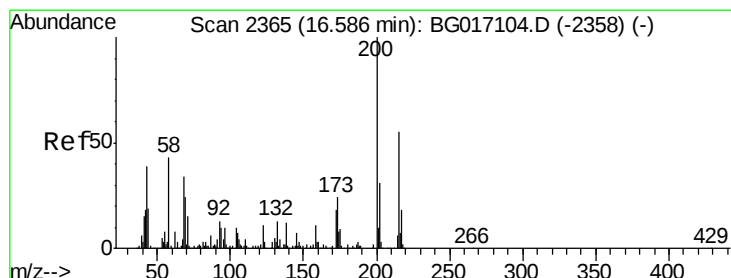
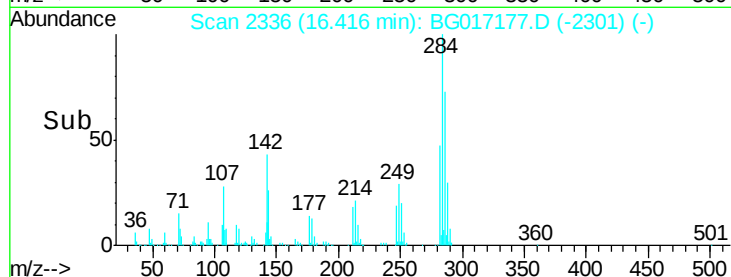
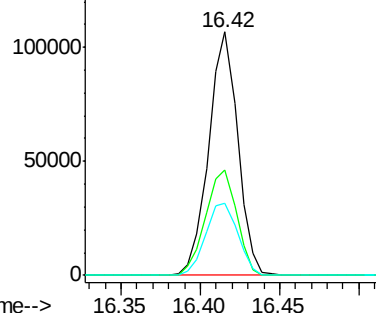
#67
Hexachlorobenzene
Concen: 33.75 ng
RT: 16.42 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Instrument :
BNA_G
ClientSampleId :
PB83400BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.2	38.2	57.2
249	29.5	25.2	37.8

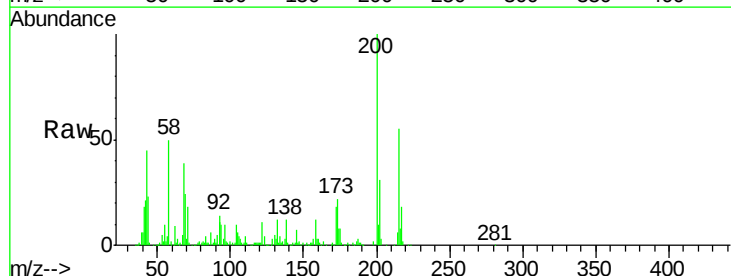


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

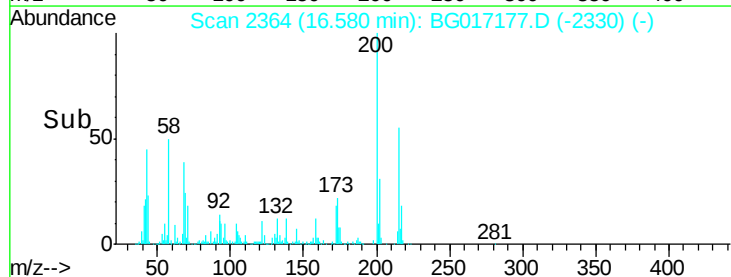
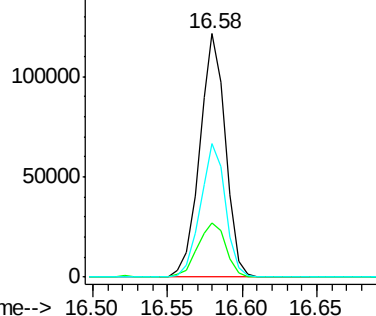


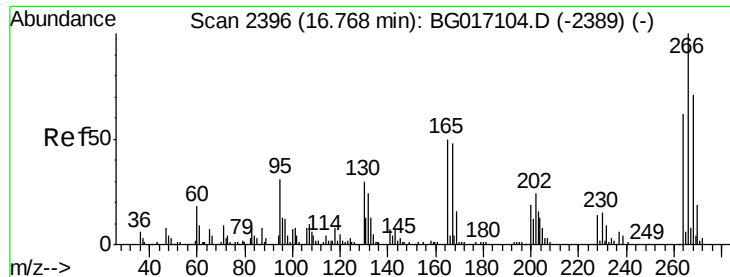
#68
Atrazine
Concen: 37.40 ng
RT: 16.58 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	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: 68.71 ng

RT: 16.77 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

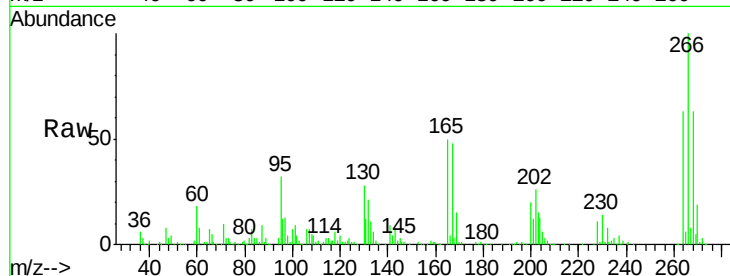
Tgt Ion:266 Resp: 172741

Ion Ratio Lower Upper

266 100

268 63.1 56.6 84.8

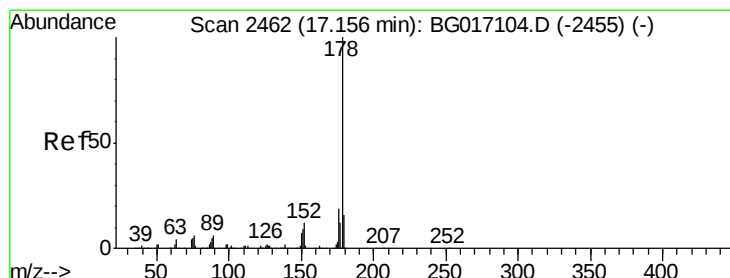
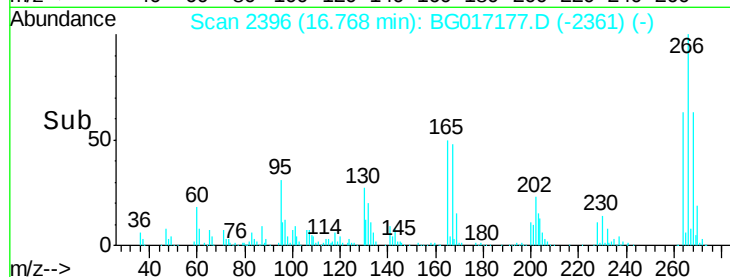
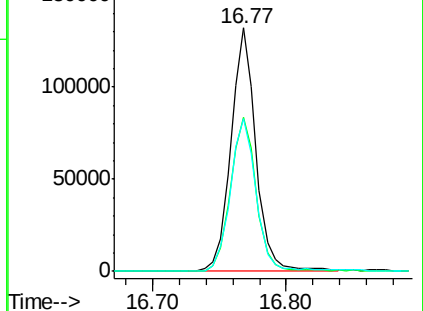
264 62.8 49.4 74.0



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: 35.10 ng

RT: 17.15 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

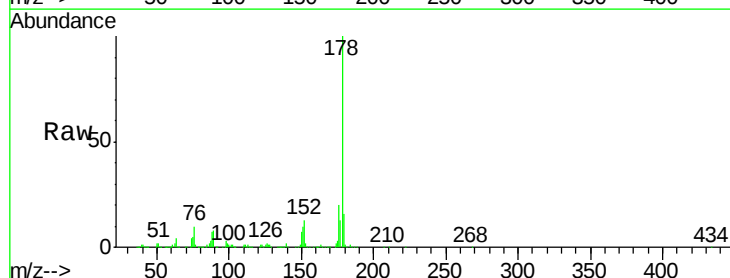
Tgt Ion:178 Resp: 633363

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

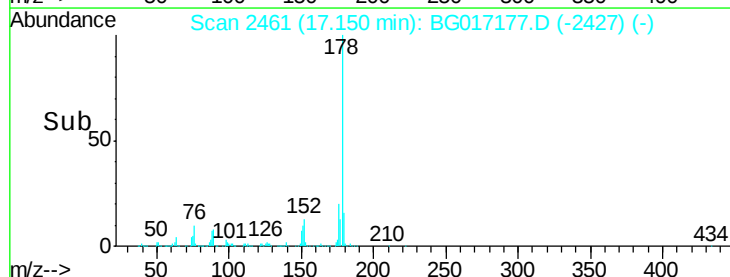
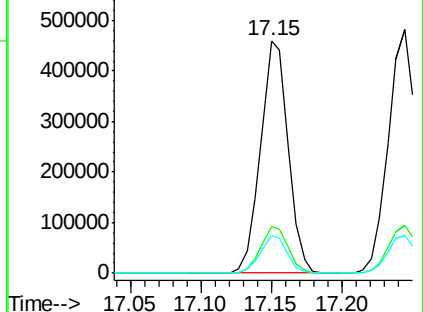
179 16.0 12.5 18.7

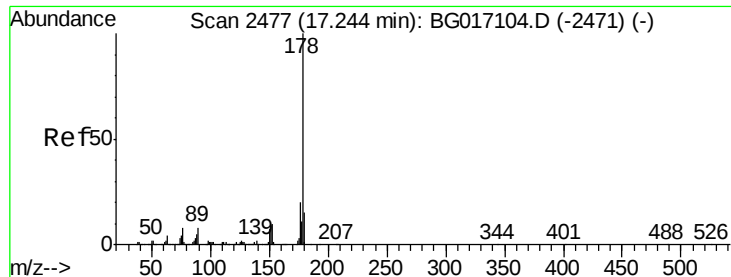


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.98 ng

RT: 17.24 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

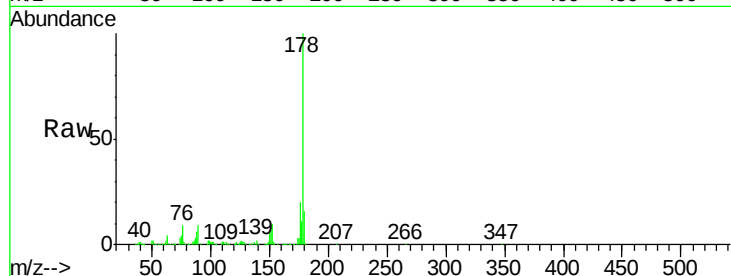
Tgt Ion:178 Resp: 658040

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

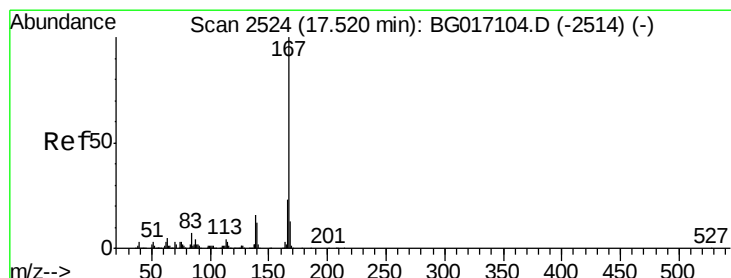
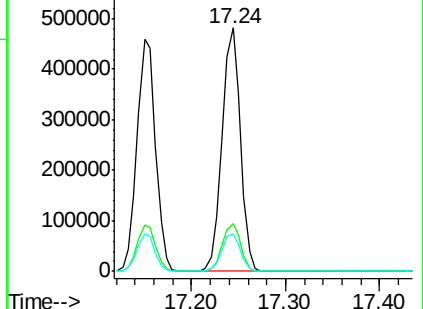
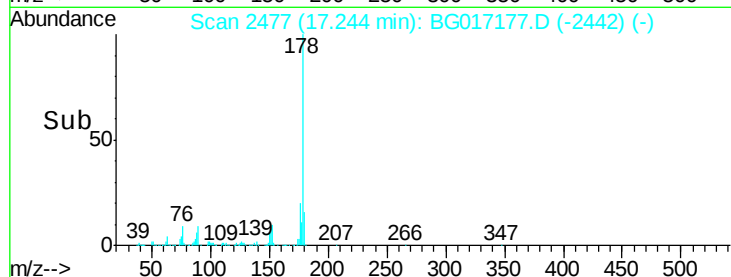
179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.80 ng

RT: 17.52 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

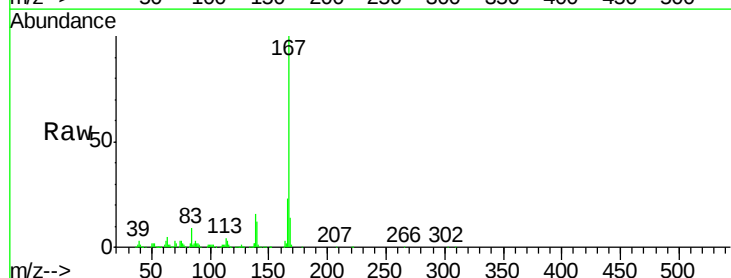
Tgt Ion:167 Resp: 635188

Ion Ratio Lower Upper

167 100

166 23.0 18.4 27.6

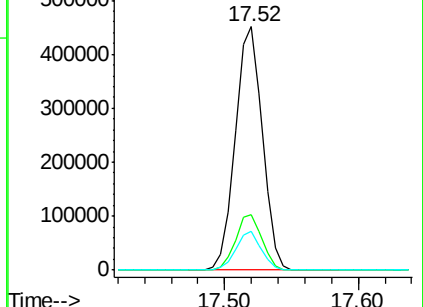
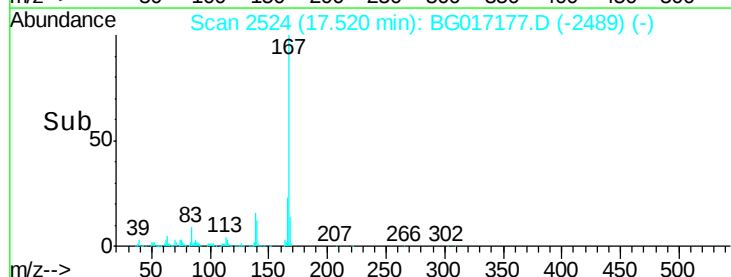
139 15.8 13.0 19.4

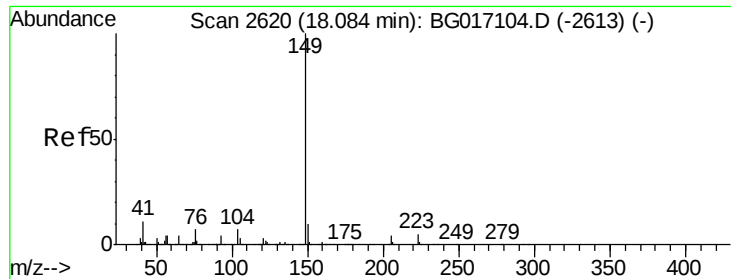


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.69 ng

RT: 18.08 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

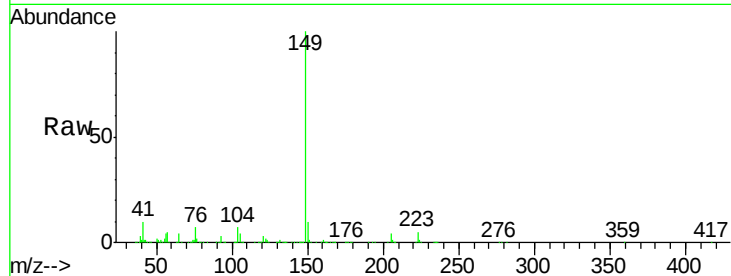
Tgt Ion:149 Resp: 825013

Ion Ratio Lower Upper

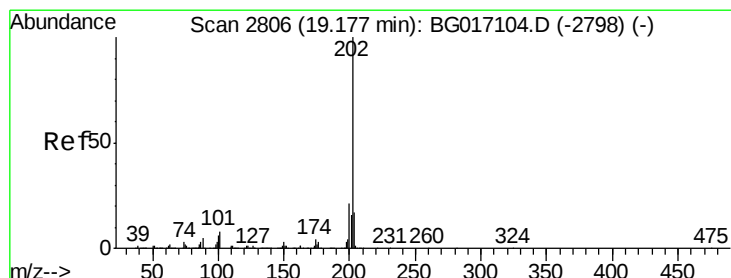
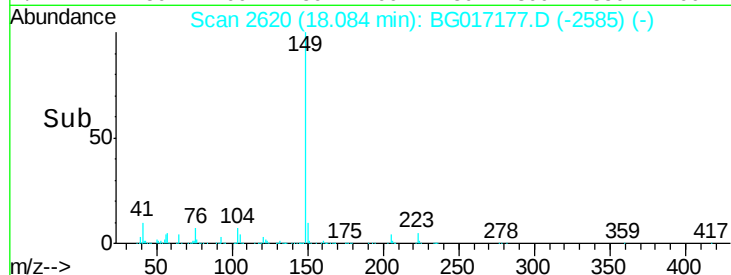
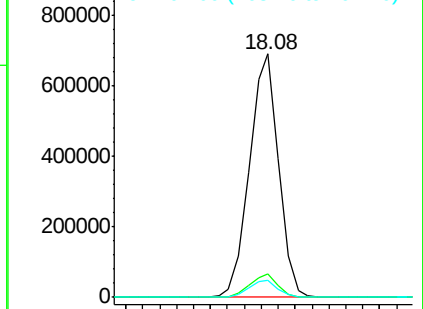
149 100

150 9.9 8.2 12.4

104 6.8 5.7 8.5



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



#74

Fluoranthene

Concen: 36.24 ng

RT: 19.17 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

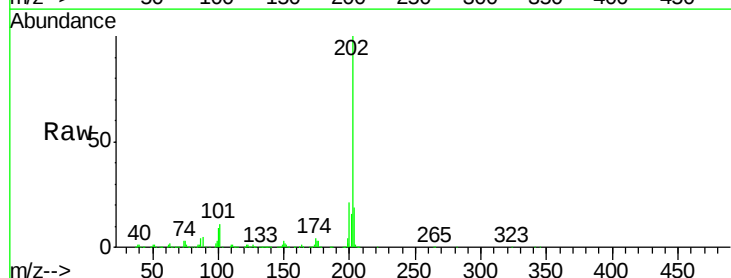
Tgt Ion:202 Resp: 785395

Ion Ratio Lower Upper

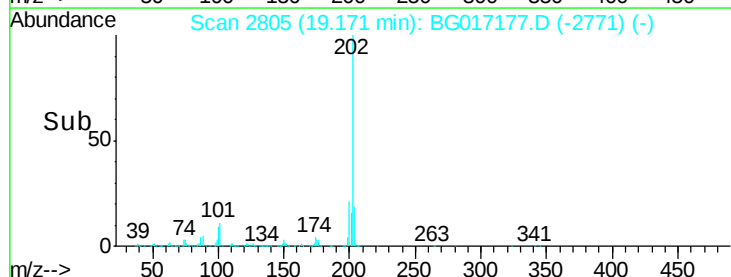
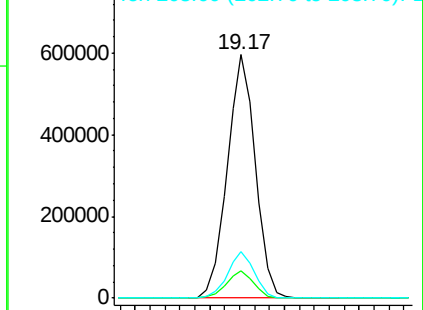
202 100

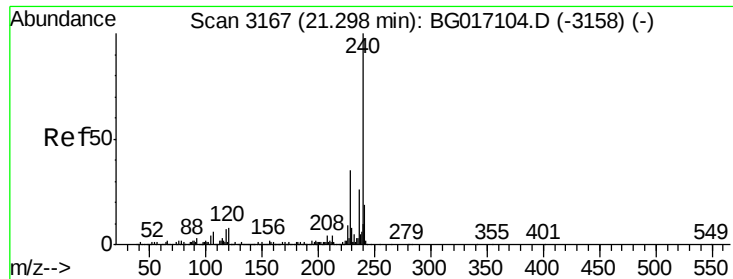
101 11.2 0.0 28.3

203 18.9 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: 21.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

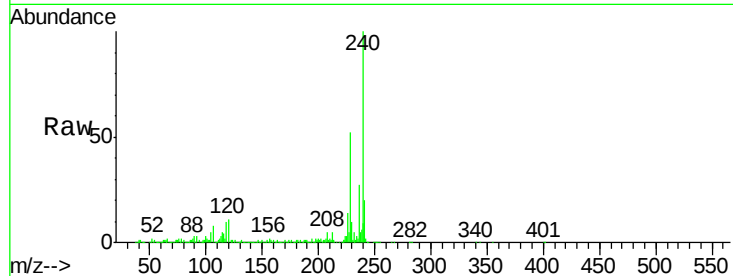
Tgt Ion:240 Resp: 367461

Ion Ratio Lower Upper

240 100

120 10.9 6.0 9.0#

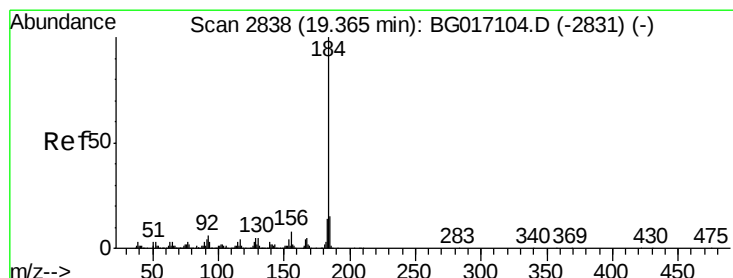
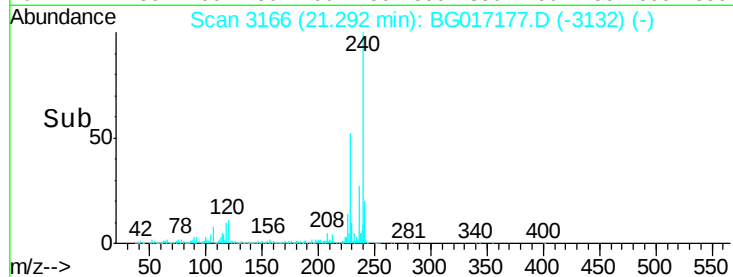
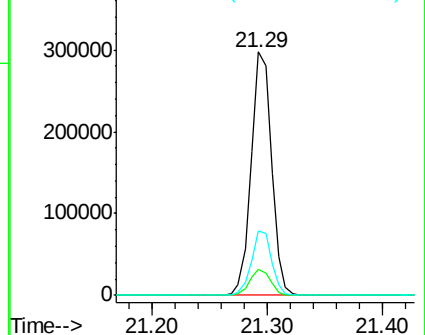
236 26.7 20.5 30.7



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: 26.49 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

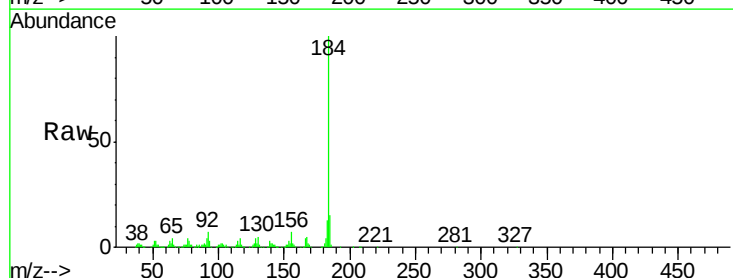
Tgt Ion:184 Resp: 317835

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

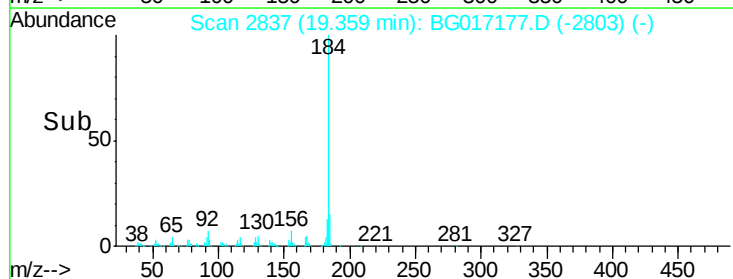
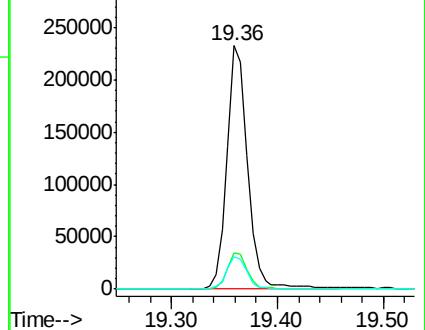
183 13.2 11.4 17.2

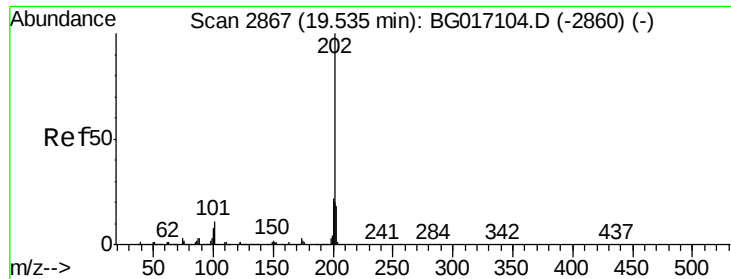


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

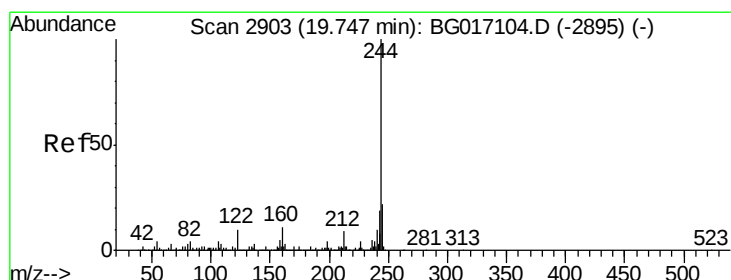
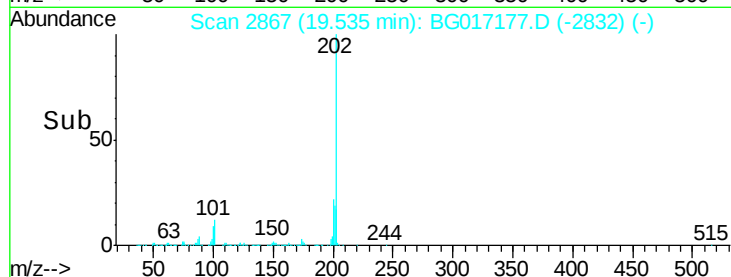
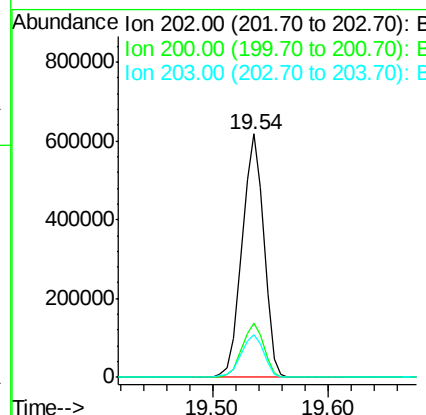
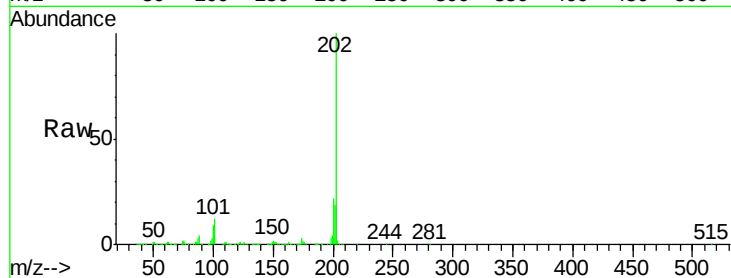




#77
 Pyrene
 Concen: 35.85 ng
 RT: 19.54 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

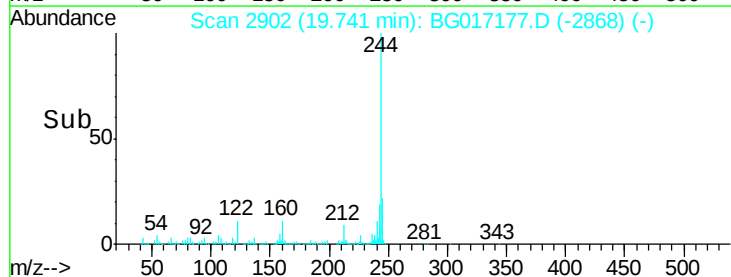
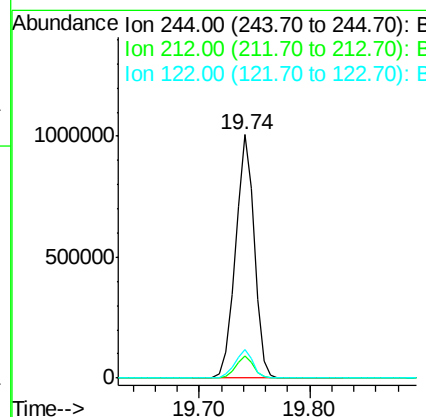
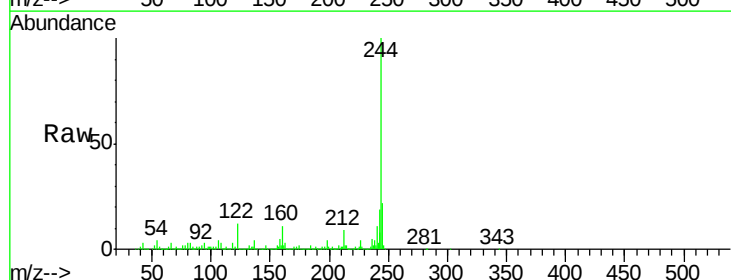
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

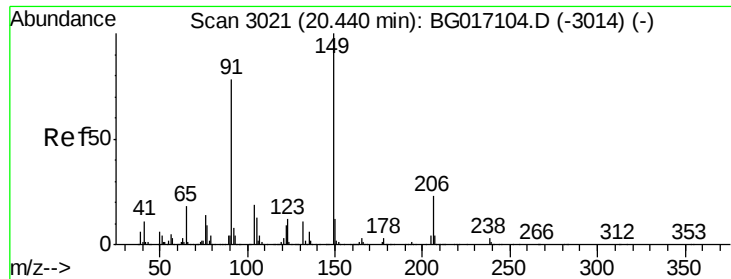
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.8
203	17.5	14.4	21.6



#78
 Terphenyl-d14
 Concen: 67.80 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	11.9	8.4	12.6

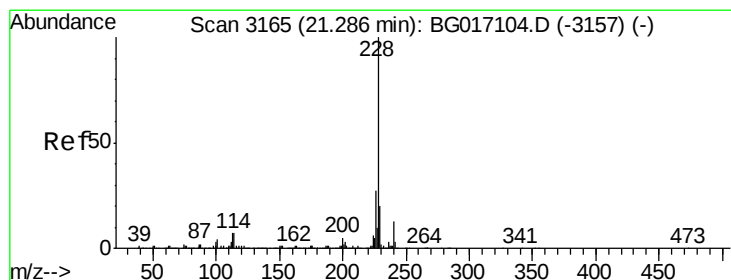
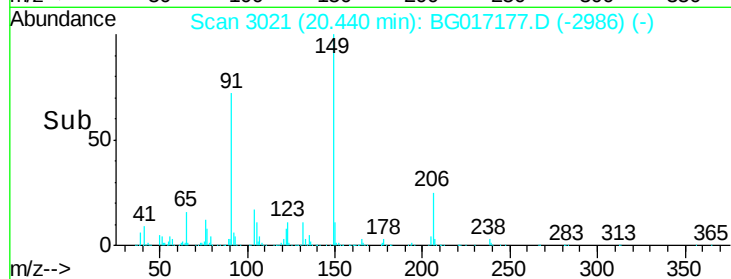
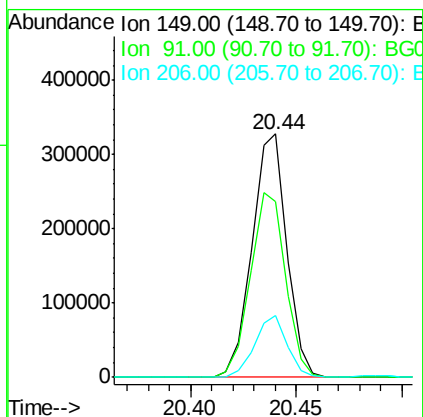
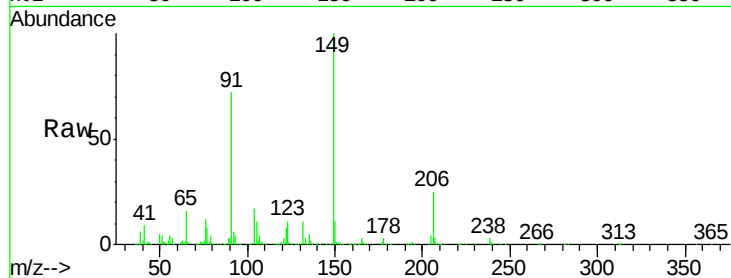




#79
Butylbenzylphthalate
Concen: 36.55 ng
RT: 20.44 min Scan# 3021
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

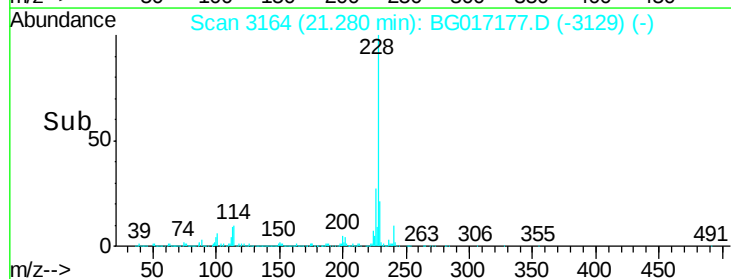
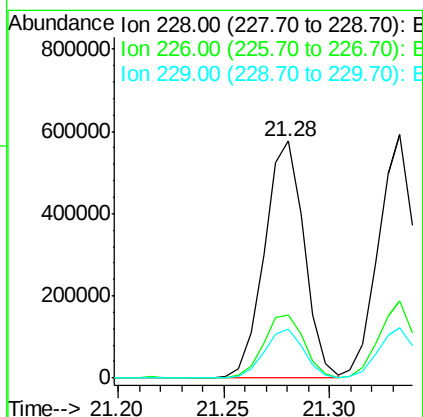
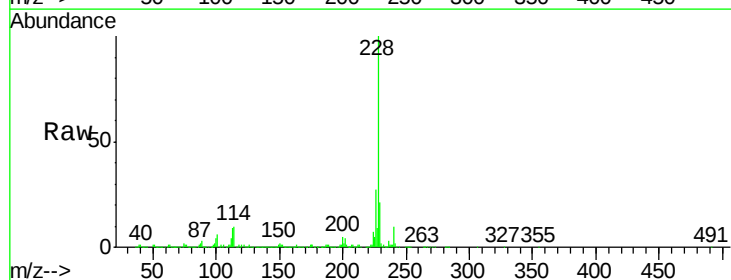
Instrument :
BNA_G
ClientSampleId :
PB83400BS

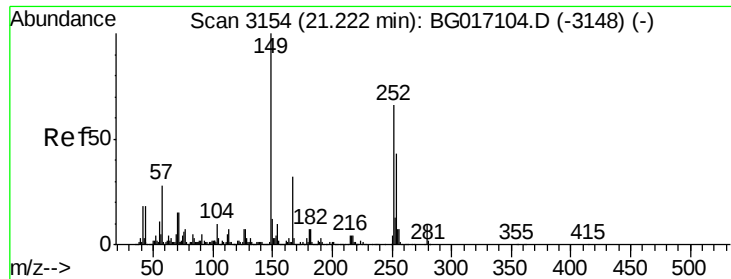
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.3	62.0	93.0
206	25.4	18.6	27.8



#80
Benzo(a)anthracene
Concen: 35.74 ng
RT: 21.28 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG017177.D
Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	20.9	16.1	24.1

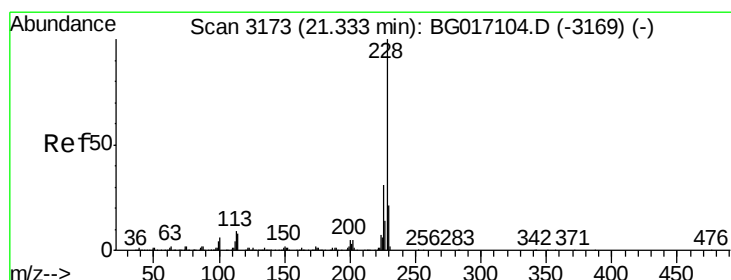
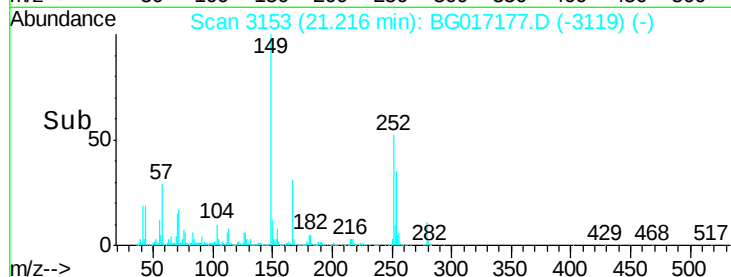
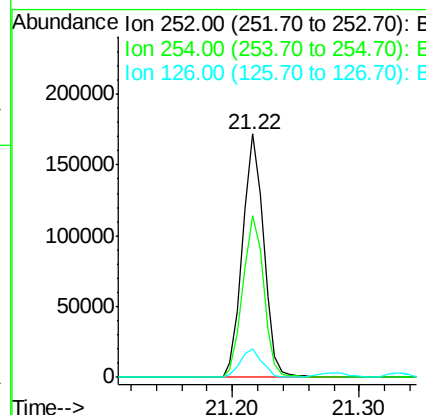
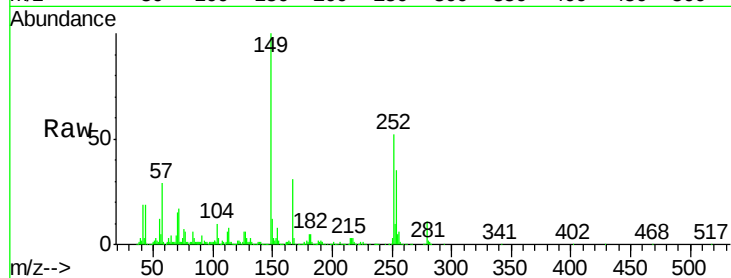




#81
 3,3'-Dichlorobenzidine
 Concen: 24.25 ng
 RT: 21.22 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

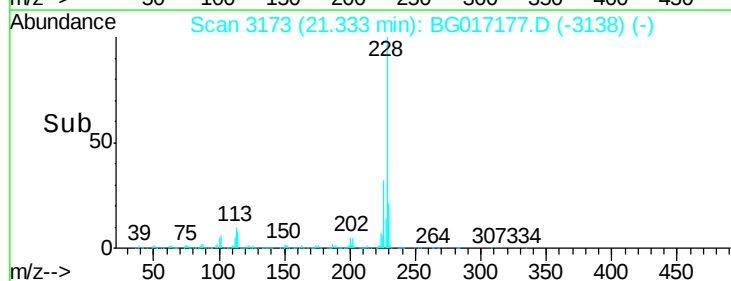
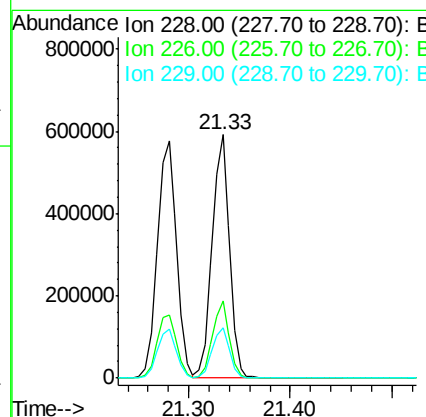
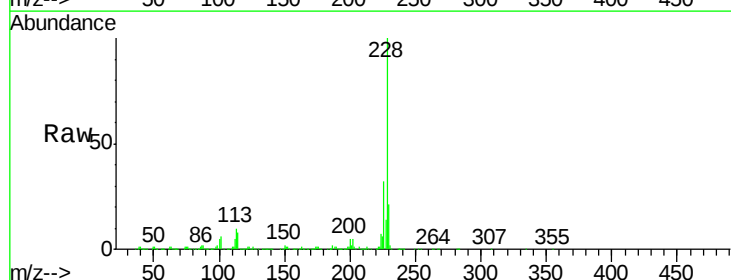
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BS

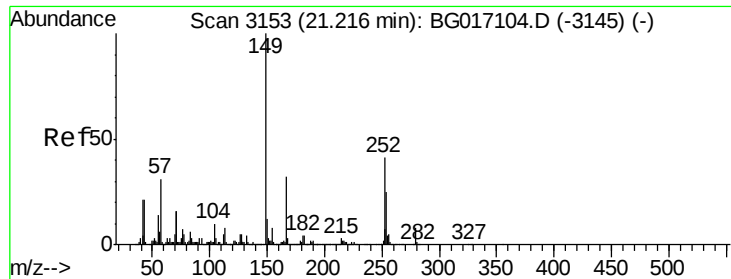
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.1	78.1
126	11.9	8.8	13.2



#82
 Chrysene
 Concen: 35.82 ng
 RT: 21.33 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BG017177.D
 Acq: 15 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.6	17.0	25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.73 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

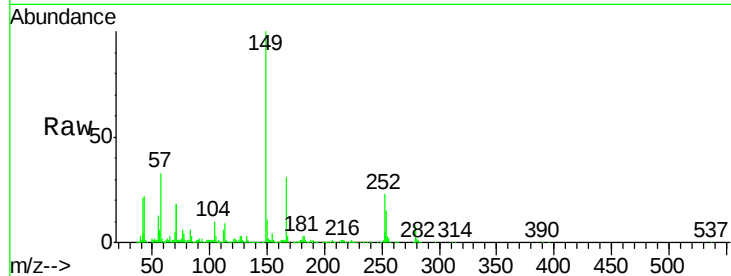
Tgt Ion:149 Resp: 520551

Ion Ratio Lower Upper

149 100

167 31.2 25.4 38.2

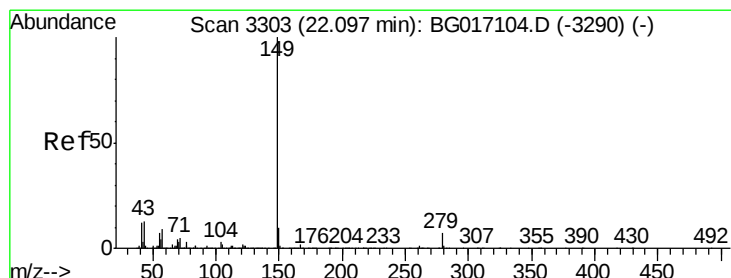
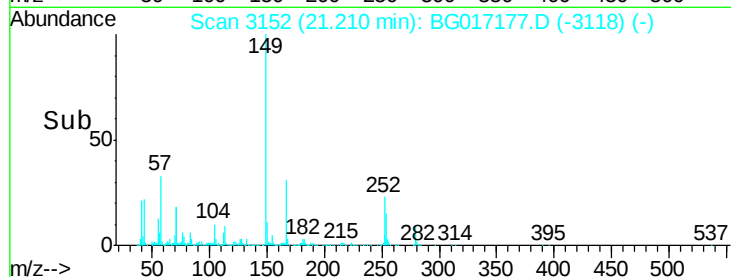
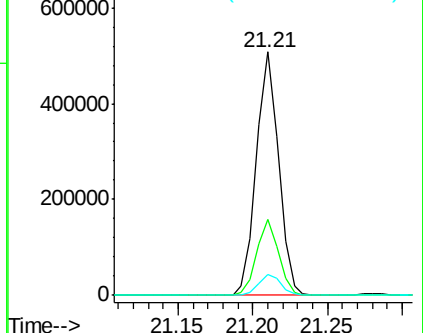
279 8.5 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.06 ng

RT: 22.09 min Scan# 3302

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

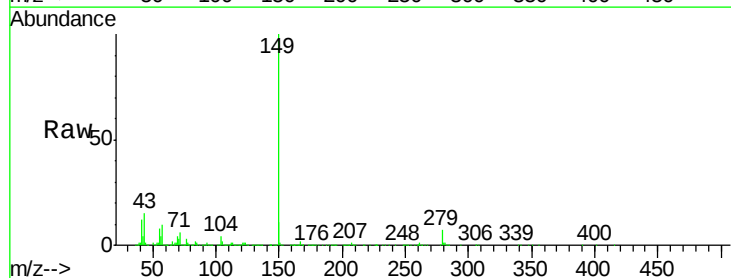
Tgt Ion:149 Resp: 874640

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

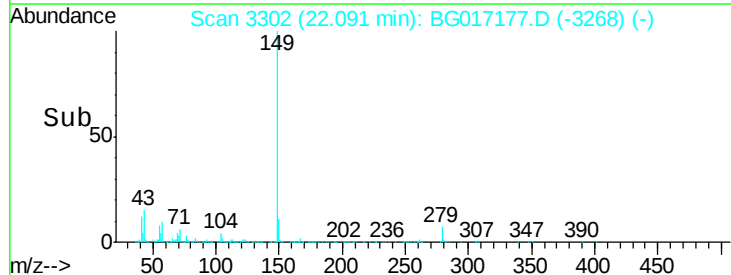
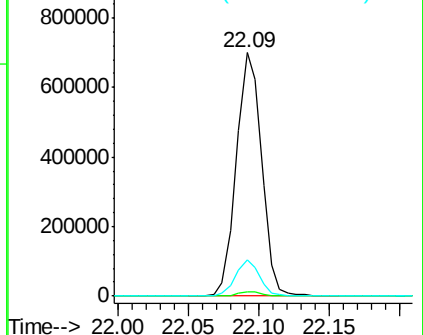
43 14.1 10.9 16.3

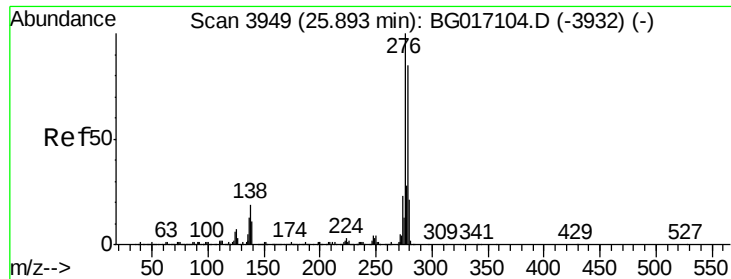


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.97 ng

RT: 25.88 min Scan# 3947

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

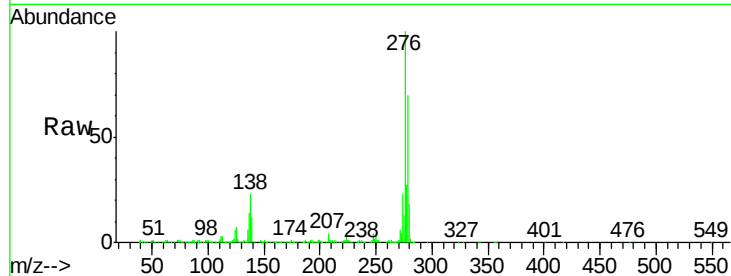
Tgt Ion:276 Resp: 844169

Ion Ratio Lower Upper

276 100

138 22.6 16.0 24.0

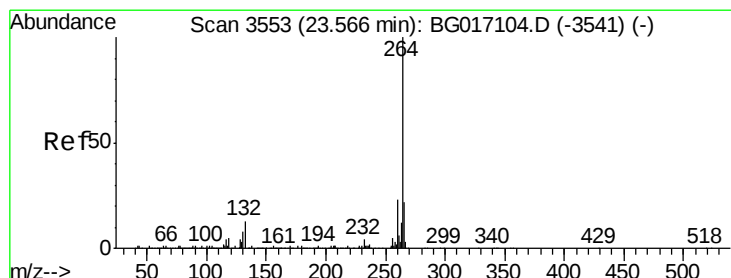
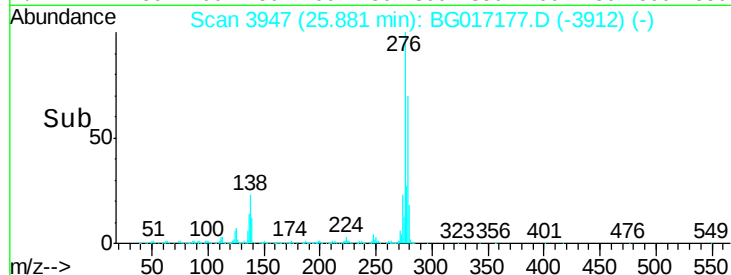
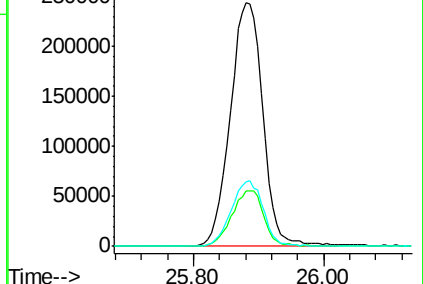
277 26.5 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

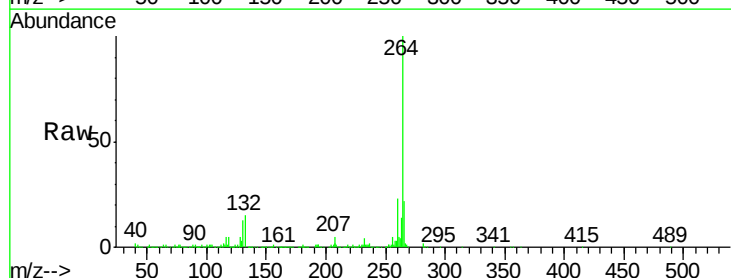
Tgt Ion:264 Resp: 360220

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

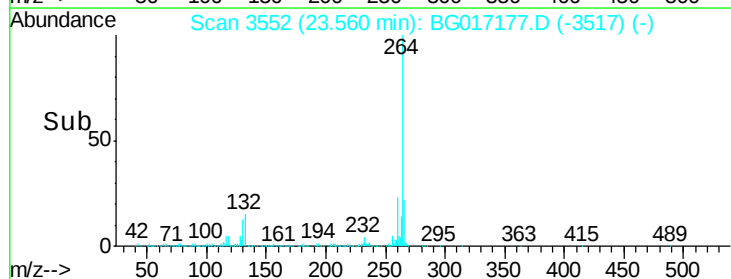
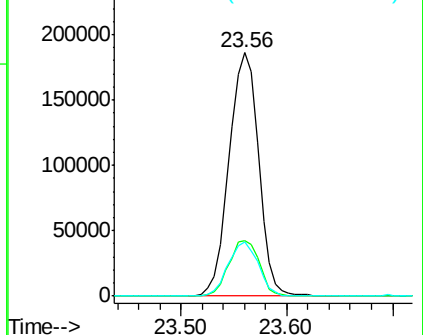
265 22.2 17.4 26.0

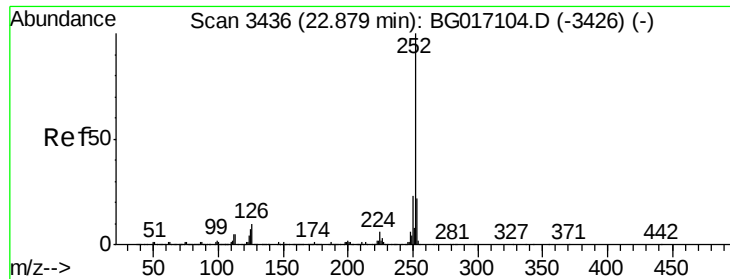


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.65 ng

RT: 22.88 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

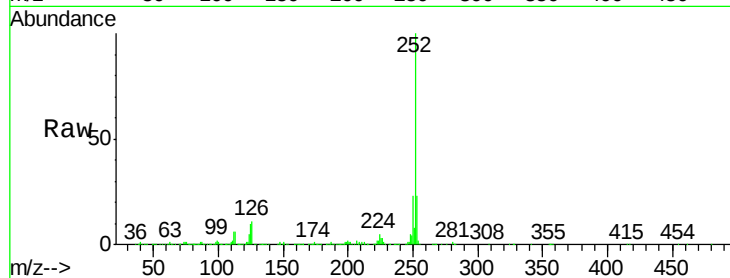
Tgt Ion:252 Resp: 748588

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

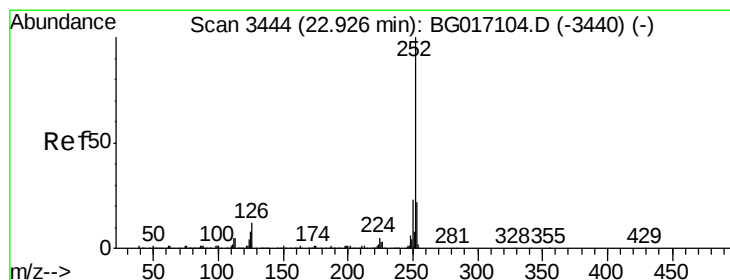
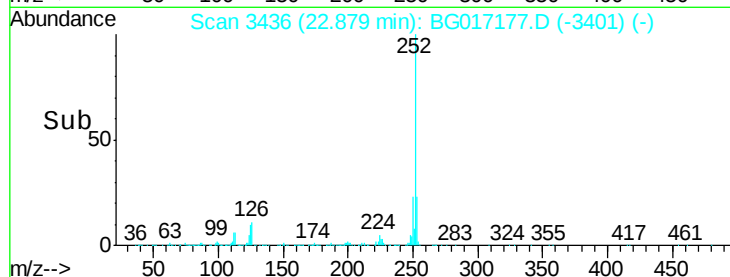
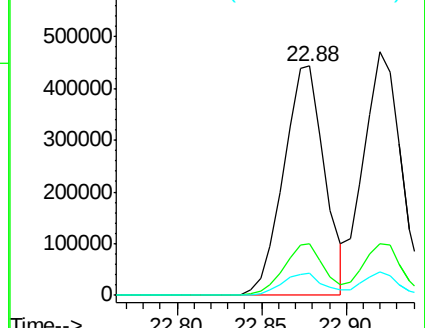
125 9.5 5.9 8.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.55 ng

RT: 22.88 min Scan# 3436

Delta R.T. -0.04 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

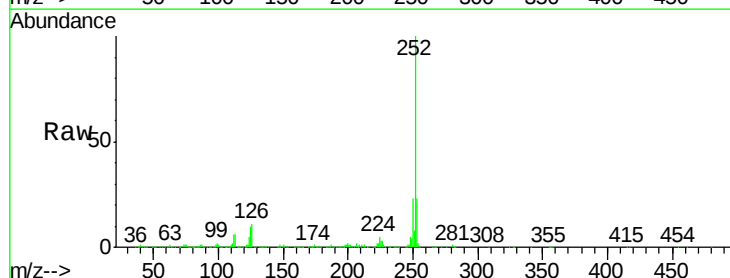
Tgt Ion:252 Resp: 748588

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

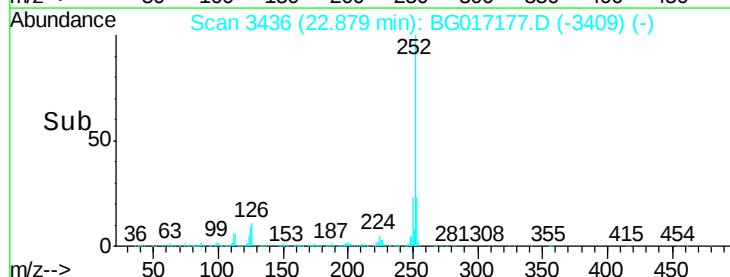
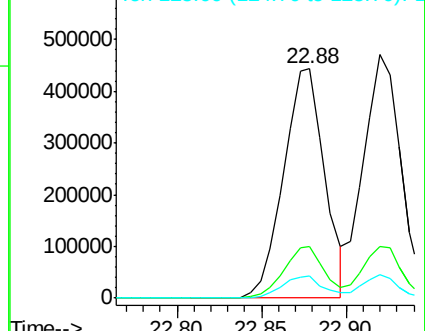
125 9.5 6.4 9.6

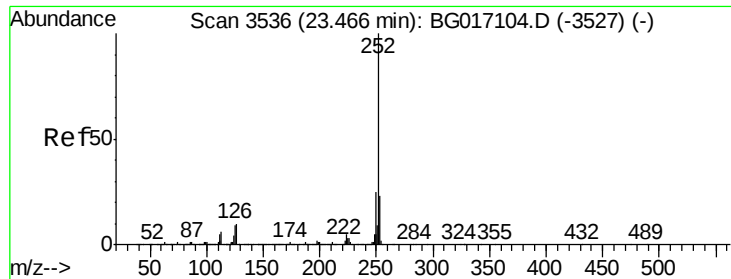


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.91 ng

RT: 23.46 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

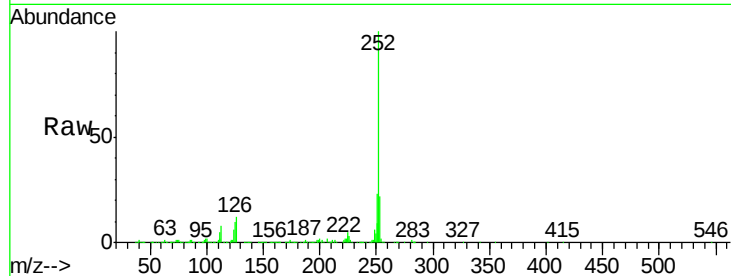
Tgt Ion:252 Resp: 711661

Ion Ratio Lower Upper

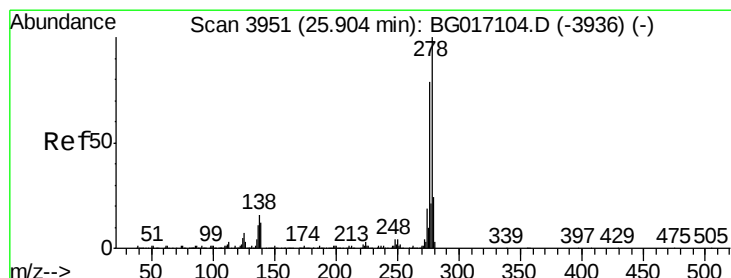
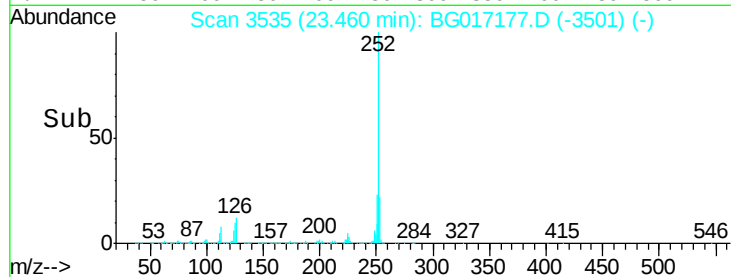
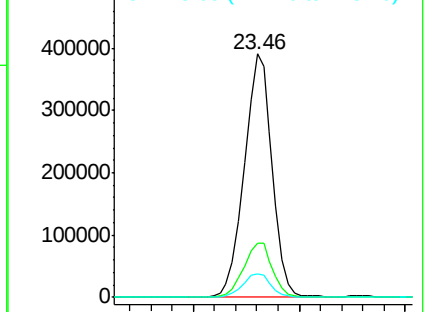
252 100

253 22.1 18.4 27.6

125 9.8 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: 35.80 ng

RT: 25.90 min Scan# 3950

Delta R.T. 0.01 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

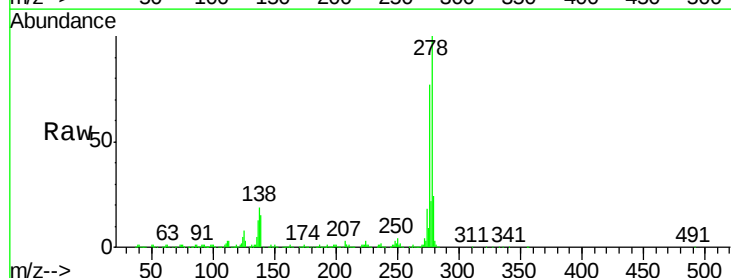
Tgt Ion:278 Resp: 708616

Ion Ratio Lower Upper

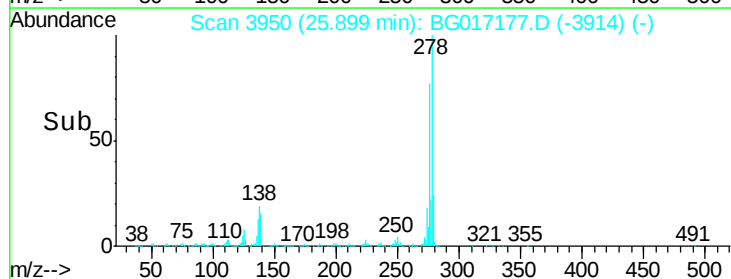
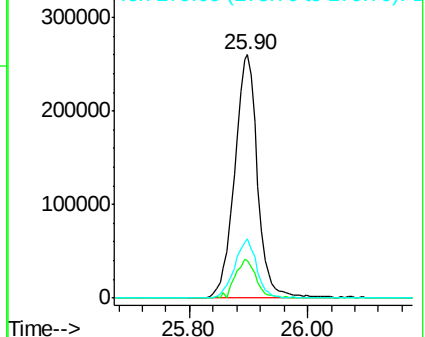
278 100

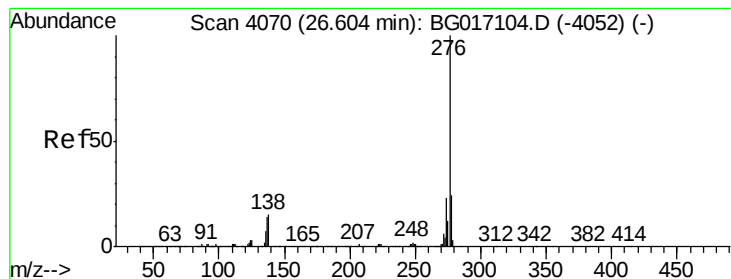
139 15.2 9.4 14.2#

279 24.3 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: 36.18 ng

RT: 26.59 min Scan# 4068

Delta R.T. 0.00 min

Lab File: BG017177.D

Acq: 15 May 2015 16:04

Instrument :

BNA_G

ClientSampleId :

PB83400BS

Tgt Ion: 276 Resp: 674093

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 18.8 11.8 17.8#

