

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017132.D
 Acq On : 14 May 2015 6:11
 Operator : TP/IZ
 Sample : PB83339BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

Quant Time: May 14 07:13:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:13:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	51250	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	219510	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	145196	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	332733	20.00	ng	0.00
75) Chrysene-d12	21.30	240	365599	20.00	ng	0.00
86) Perylene-d12	23.56	264	354235	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	344664	119.32	ng	0.00
7) Phenol-d6	6.91	99	467069	115.22	ng	0.00
23) Nitrobenzene-d5	8.87	82	301090	64.04	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	184733	105.25	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	624269	63.09	ng	0.00
78) Terphenyl-d14	19.74	244	1159849	66.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	34356	30.14	ng	94
3) Pyridine	3.57	79	105781	30.68	ng	97
4) n-Nitrosodimethylamine	3.48	42	82505	31.53	ng	# 99
6) Aniline	7.03	93	127434	22.72	ng	92
8) 2-Chlorophenol	7.28	128	128370	37.15	ng	94
9) Benzaldehyde	6.84	77	37947	11.79	ng	94
10) Phenol	6.93	94	165315	38.45	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	115207	35.74	ng	94
12) 1,3-Dichlorobenzene	7.60	146	122312	31.69	ng	98
13) 1,4-Dichlorobenzene	7.74	146	125628	32.25	ng	94
14) 1,2-Dichlorobenzene	8.06	146	118499	31.85	ng	98
15) Benzyl Alcohol	7.95	79	131008	33.26	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	196043	37.51	ng	98
17) 2-Methylphenol	8.18	107	115444	37.04	ng	# 85
18) Hexachloroethane	8.78	117	50909	31.29	ng	88
19) n-Nitroso-di-n-propylamine	8.51	70	108763	30.80	ng	96
20) 3+4-Methylphenols	8.50	107	151888	35.06	ng	91
22) Acetophenone	8.53	105	182093	34.18	ng	96
24) Nitrobenzene	8.91	77	159799	34.74	ng	93
25) Isophorone	9.43	82	284721	32.85	ng	97
26) 2-Nitrophenol	9.62	139	68647	33.38	ng	89
27) 2,4-Dimethylphenol	9.69	122	126602	37.40	ng	95
28) bis(2-Chloroethoxy)methane	9.92	93	151649	35.94	ng	94
29) 2,4-Dichlorophenol	10.17	162	124544	39.00	ng	94
30) 1,2,4-Trichlorobenzene	10.37	180	119942	33.11	ng	98
31) Naphthalene	10.55	128	367778	34.24	ng	97
32) Benzoic acid	9.84	122	74804	32.61	ng	86
33) 4-Chloroaniline	10.67	127	75947	14.95	ng	93
34) Hexachlorobutadiene	10.84	225	70166	30.59	ng	97
35) Caprolactam	11.43	113	34232	21.32	ng	94
36) 4-Chloro-3-methylphenol	11.83	107	151933	37.66	ng	96
37) 2-Methylnaphthalene	12.17	142	285833	33.55	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	131919	32.11	ng	99
40) Hexachlorocyclopentadiene	12.52	237	175416	70.00	ng	98

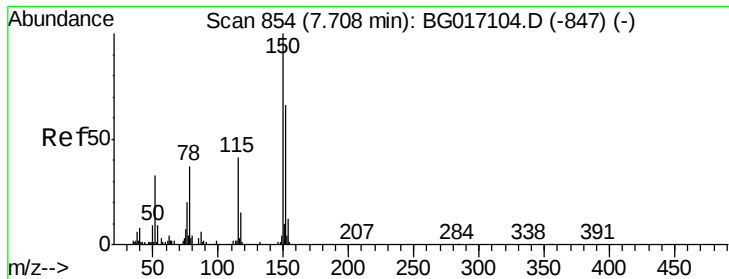
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	98940	33.95	ng	96
43) 2,4,5-Trichlorophenol	12.88	196	107506	35.81	ng	94
45) 1,1'-Biphenyl	13.20	154	356383	34.08	ng	98
46) 2-Chloronaphthalene	13.23	162	275914	33.32	ng	100
47) 2-Nitroaniline	13.45	65	116476	36.16	ng	95
48) Acenaphthylene	14.08	152	479757	33.83	ng	99
49) Dimethylphthalate	13.82	163	384270	33.85	ng	98
50) 2,6-Dinitrotoluene	13.95	165	89438	35.55	ng	94
51) Acenaphthene	14.43	154	281050	33.55	ng	95
52) 3-Nitroaniline	14.28	138	63880	22.89	ng	98
53) 2,4-Dinitrophenol	14.48	184	110449	75.62	ng	90
54) Dibenzofuran	14.76	168	437987	35.17	ng	99
55) 4-Nitrophenol	14.63	139	177646	79.04	ng	87
56) 2,4-Dinitrotoluene	14.73	165	128284	36.56	ng	96
57) Fluorene	15.42	166	383496	34.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	98095	35.60	ng	98
59) Diethylphthalate	15.19	149	418639	34.33	ng	100
60) 4-Chlorophenyl-phenylether	15.41	204	193346	34.15	ng	96
61) 4-Nitroaniline	15.45	138	111333	35.75	ng	94
62) Azobenzene	15.70	77	442823	38.01	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	78750	34.53	ng	95
65) n-Nitrosodiphenylamine	15.63	169	344180	33.69	ng	99
66) 4-Bromophenyl-phenylether	16.30	248	119437	32.91	ng	96
67) Hexachlorobenzene	16.41	284	125567	32.79	ng	96
68) Atrazine	16.58	200	137037	36.67	ng	96
69) Pentachlorophenol	16.77	266	170877	71.48	ng	94
70) Phenanthrene	17.16	178	599853	34.96	ng	99
71) Anthracene	17.24	178	614756	35.35	ng	98
72) Carbazole	17.52	167	611225	38.25	ng	98
73) Di-n-butylphthalate	18.08	149	815751	38.16	ng	100
74) Fluoranthene	19.17	202	763593	37.06	ng	97
76) Benzidine	19.36	184	418370	35.05	ng	96
77) Pyrene	19.53	202	797669	35.56	ng	99
79) Butylbenzylphthalate	20.44	149	364087	35.70	ng	99
80) Benzo(a)anthracene	21.28	228	730677	34.88	ng	100
81) 3,3'-Dichlorobenzidine	21.22	252	161379	19.90	ng	# 98
82) Chrysene	21.33	228	678821	34.79	ng	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	496688	34.27	ng	99
84) Di-n-octyl phthalate	22.10	149	850110	35.23	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	789353	33.80	ng	96
87) Benzo(b)fluoranthene	22.87	252	707600	34.27	ng	# 97
88) Benzo(k)fluoranthene	22.92	252	694613	35.43	ng	99
89) Benzo(a)pyrene	23.46	252	687753	36.27	ng	99
90) Dibenzo(a,h)anthracene	25.89	278	669941	34.41	ng	# 97
91) Benzo(g,h,i)perylene	26.59	276	640723	34.97	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

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ClientSampleId :

PB83339BS

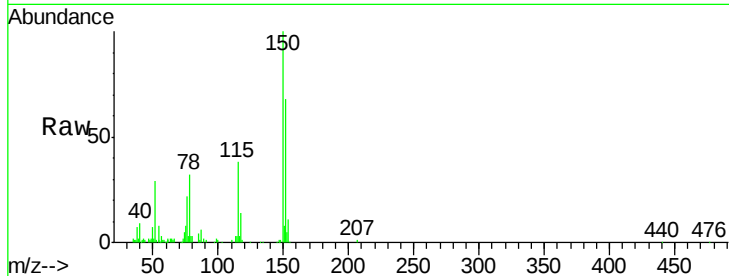
Tgt Ion:152 Resp: 51250

Ion Ratio Lower Upper

152 100

150 148.1 120.8 181.2

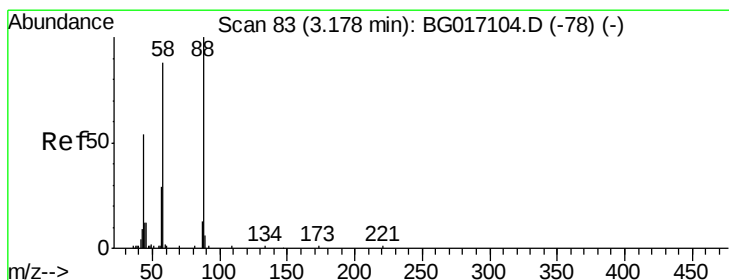
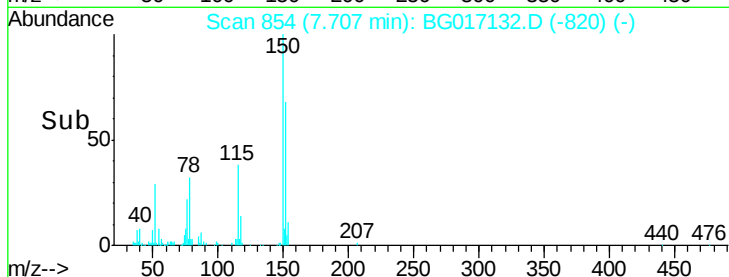
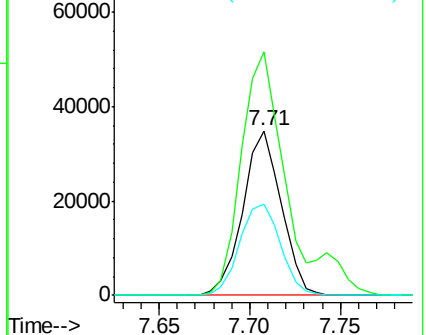
115 55.5 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.14 ng

RT: 3.17 min Scan# 82

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

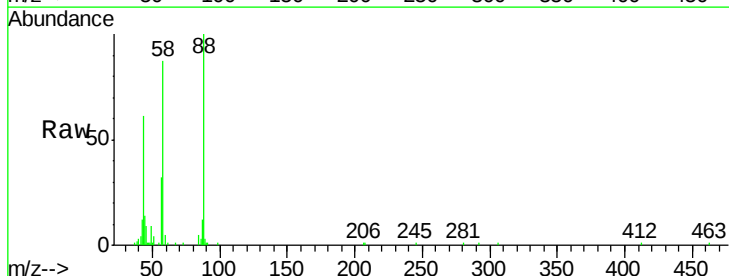
Tgt Ion: 88 Resp: 34356

Ion Ratio Lower Upper

88 100

58 89.2 68.6 103.0

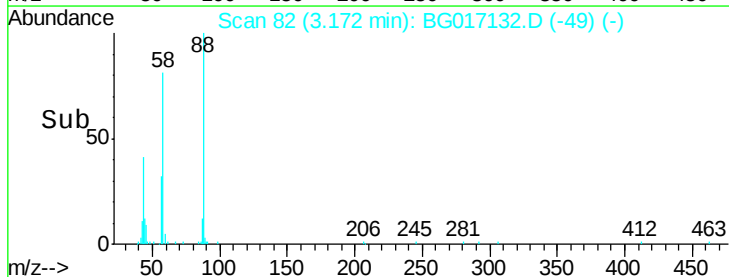
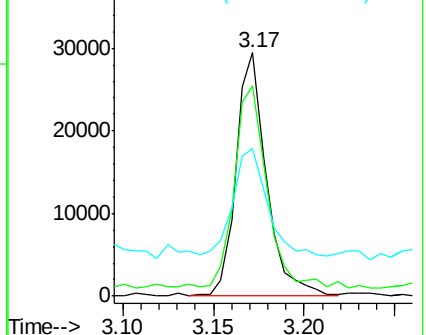
43 57.9 40.3 60.5

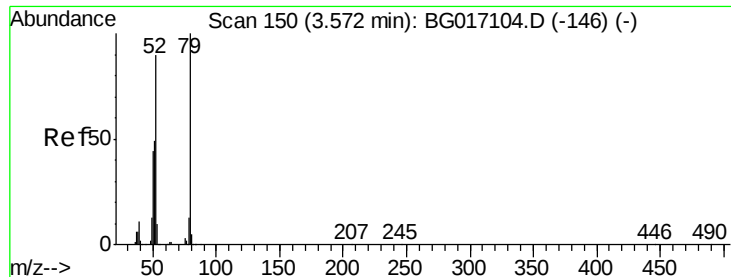


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.68 ng

RT: 3.57 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

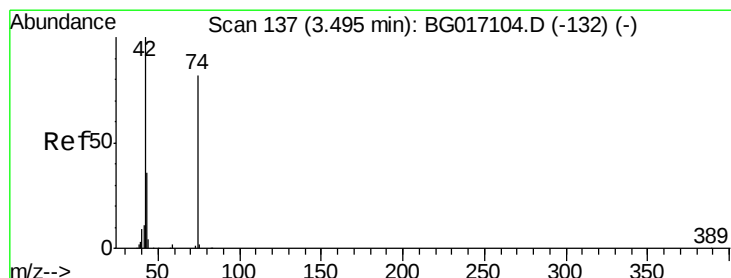
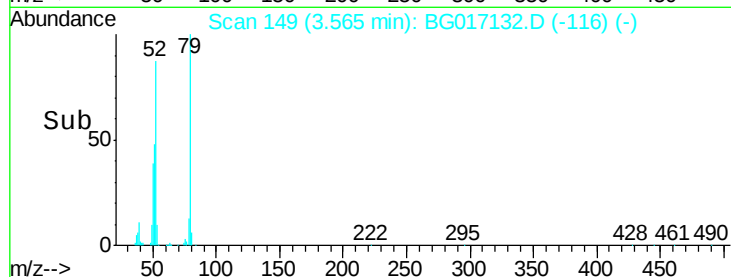
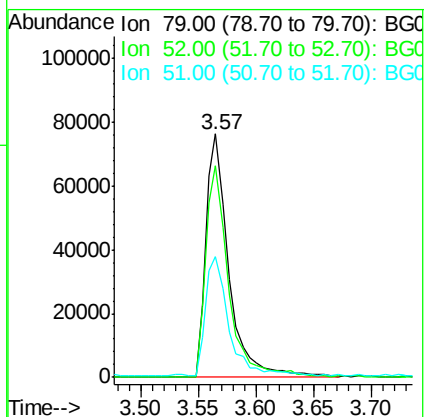
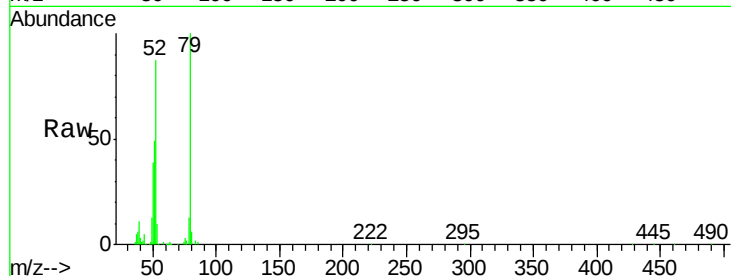
Tgt Ion: 79 Resp: 105781

Ion Ratio Lower Upper

79 100

52 86.7 72.2 108.2

51 49.4 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 31.53 ng

RT: 3.48 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

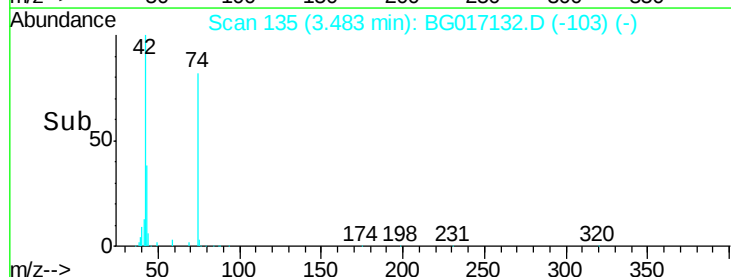
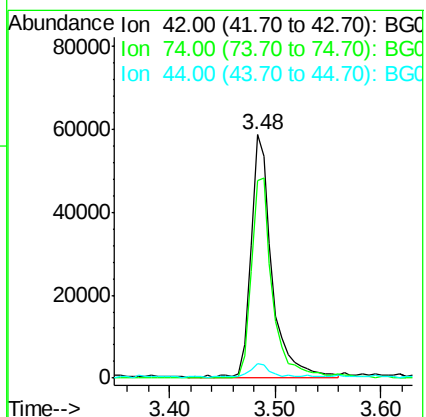
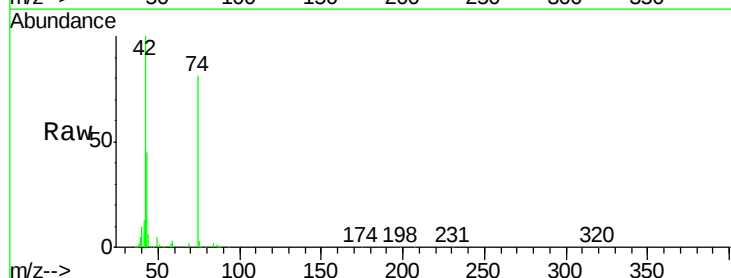
Tgt Ion: 42 Resp: 82505

Ion Ratio Lower Upper

42 100

74 81.0 65.2 97.8

44 5.9 3.2 4.8#





#5

2-Fluorophenol

Concen: 119.32 ng

RT: 5.30 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

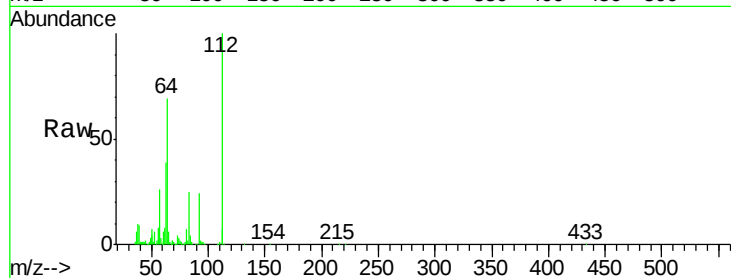
Tgt Ion: 112 Resp: 344664

Ion Ratio Lower Upper

112 100

64 69.1 48.1 72.1

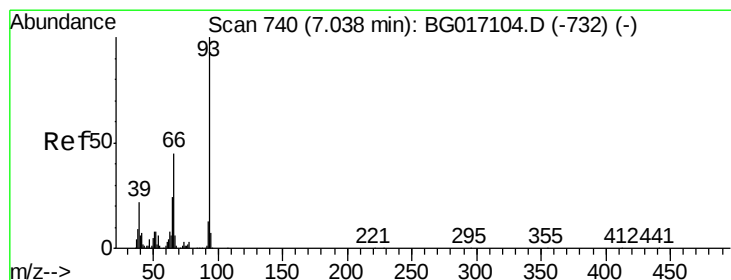
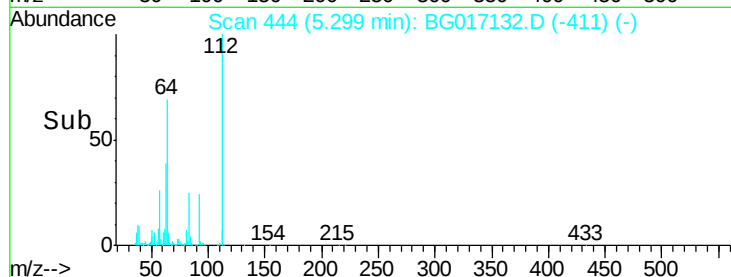
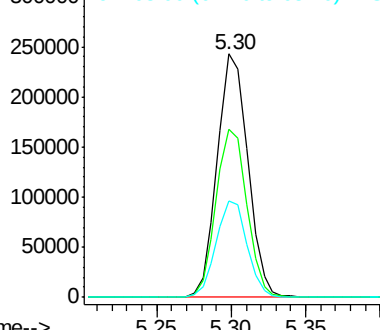
63 39.5 29.8 44.8



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: 22.72 ng

RT: 7.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

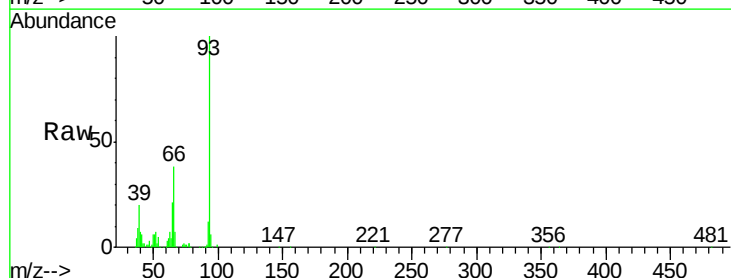
Tgt Ion: 93 Resp: 127434

Ion Ratio Lower Upper

93 100

66 38.2 35.8 53.8

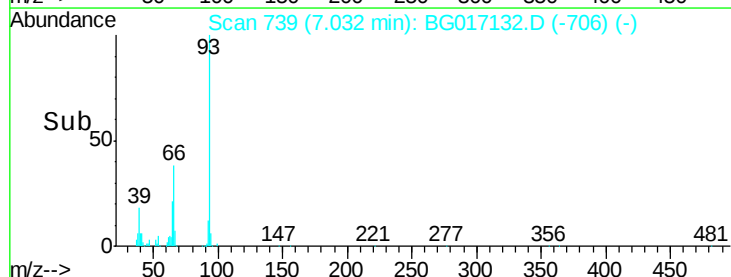
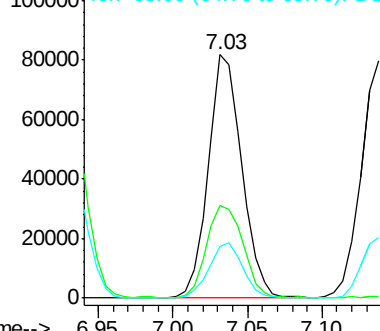
65 21.2 19.2 28.8

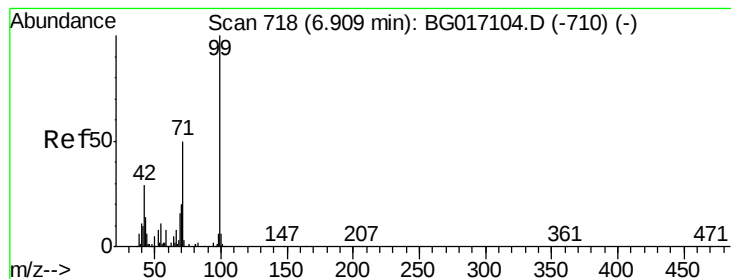


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.22 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

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PB83339BS

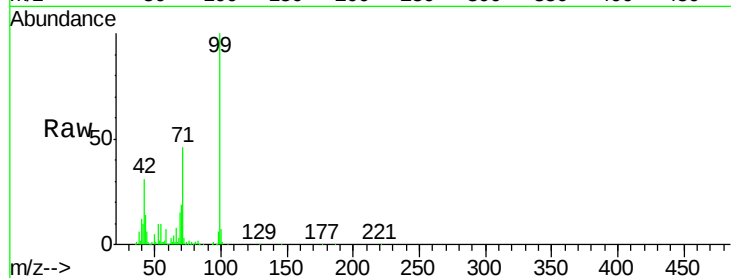
Tgt Ion: 99 Resp: 467069

Ion Ratio Lower Upper

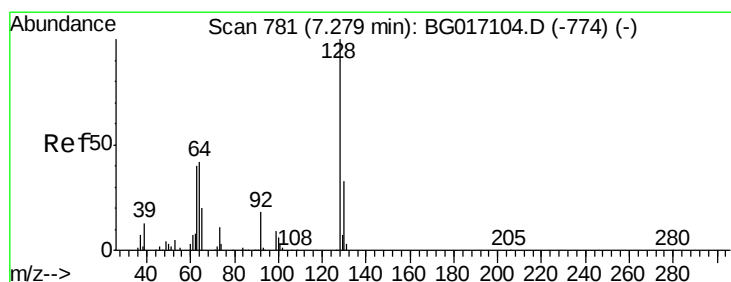
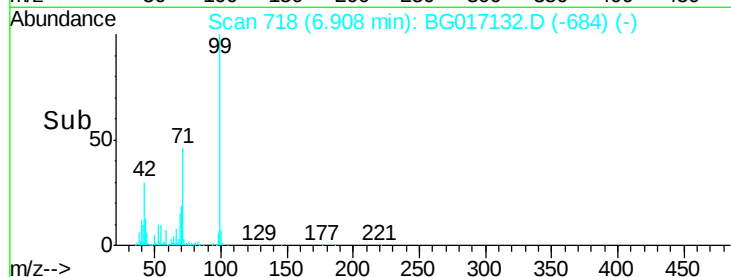
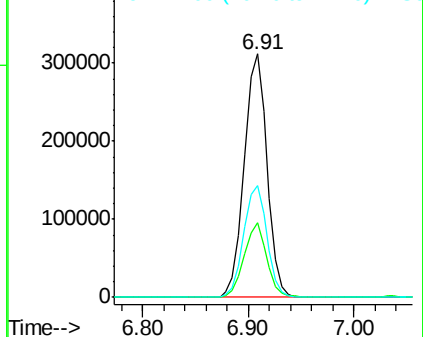
99 100

42 30.5 23.5 35.3

71 46.0 39.8 59.8



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



#8

2-Chlorophenol

Concen: 37.15 ng

RT: 7.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

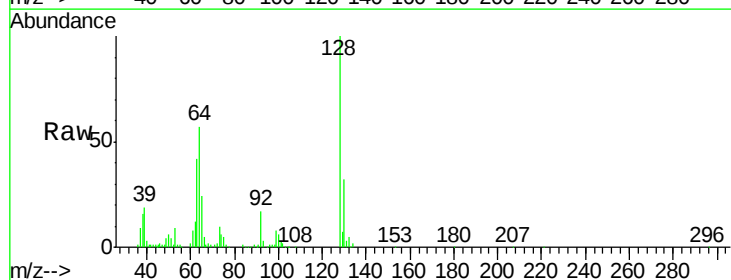
Tgt Ion: 128 Resp: 128370

Ion Ratio Lower Upper

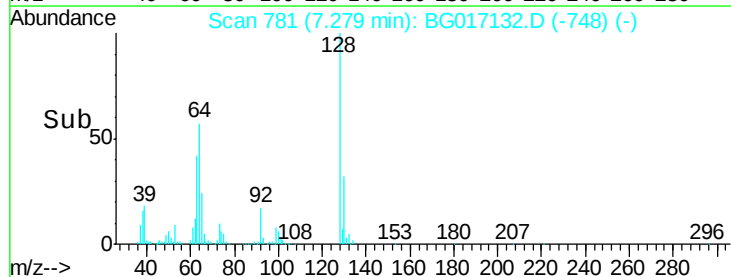
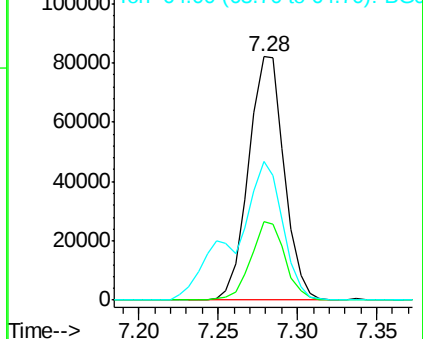
128 100

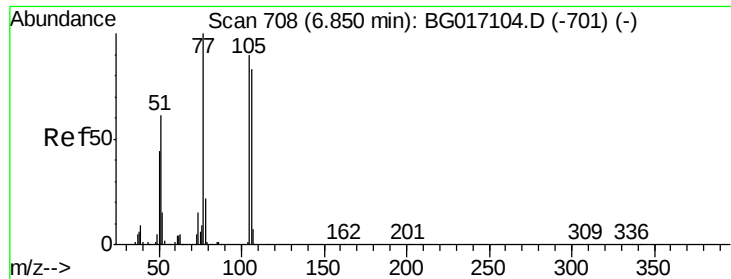
130 32.5 13.3 53.3

64 56.8 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: 11.79 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

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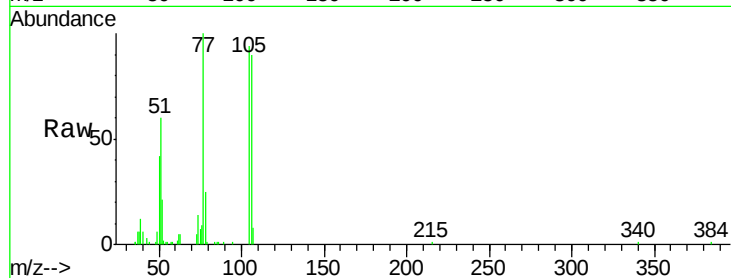
Tgt Ion: 77 Resp: 37947

Ion Ratio Lower Upper

77 100

105 94.3 69.5 109.5

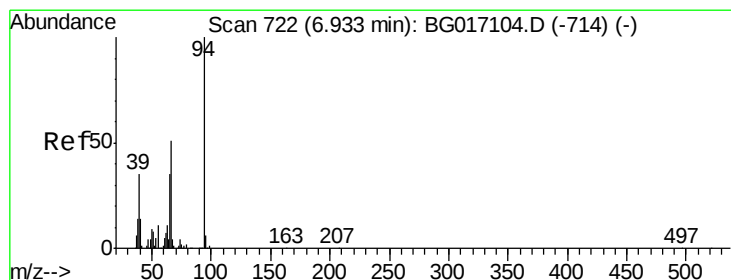
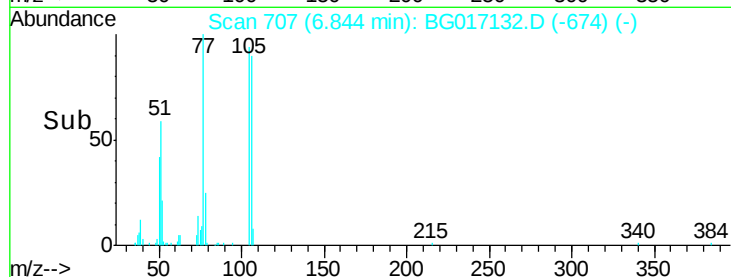
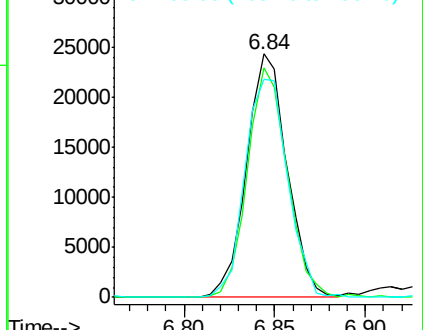
106 89.8 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.45 ng

RT: 6.93 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

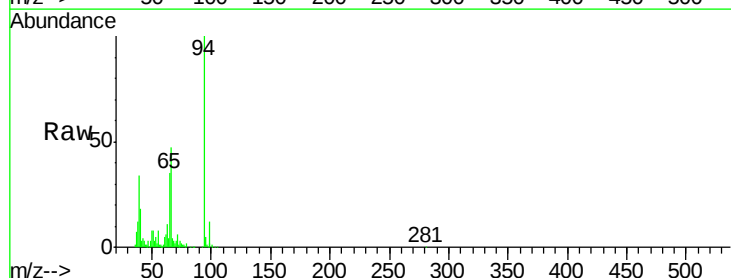
Tgt Ion: 94 Resp: 165315

Ion Ratio Lower Upper

94 100

65 35.3 15.0 55.0

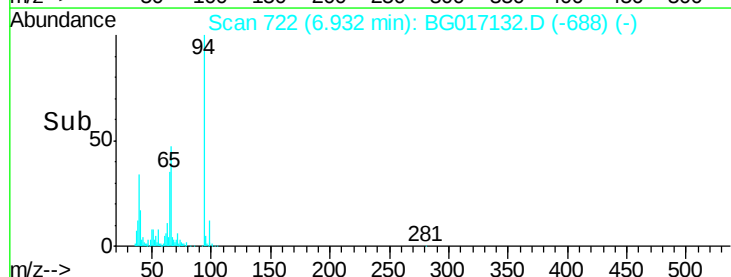
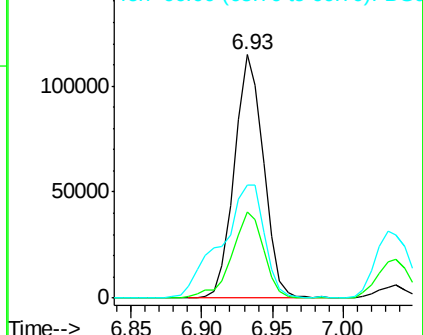
66 46.6 32.1 72.1

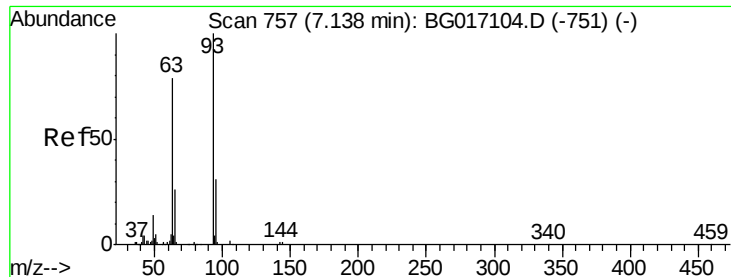


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

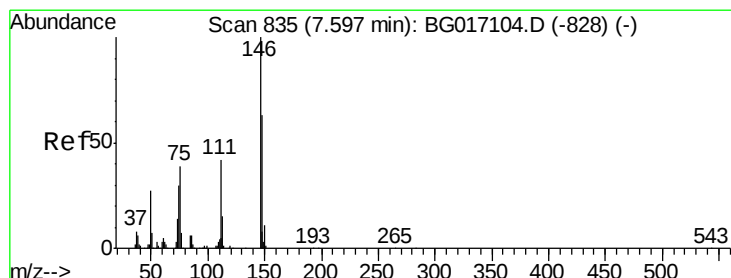
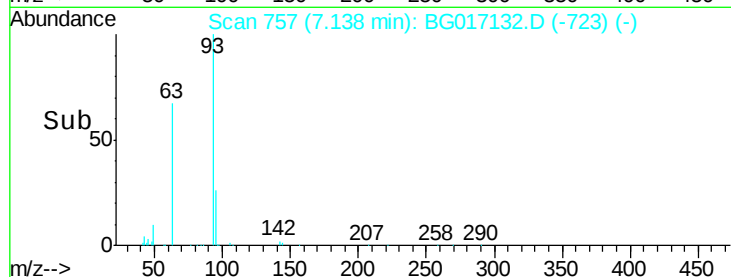
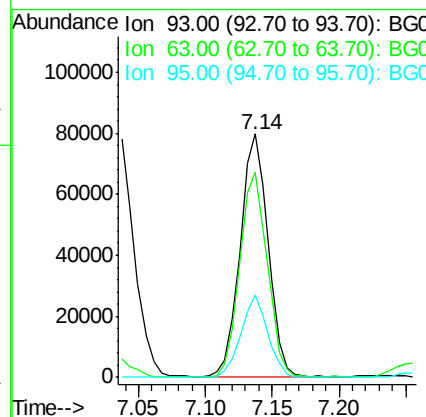
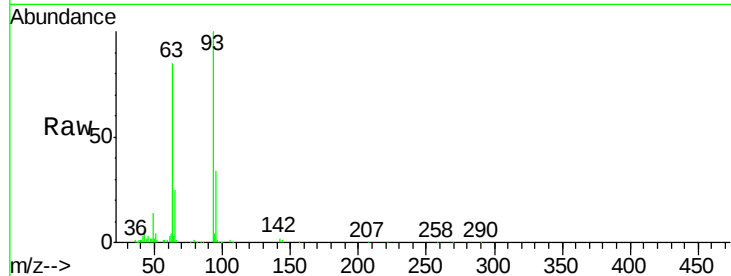




#11
bis(2-Chloroethyl)ether
Concen: 35.74 ng
RT: 7.14 min Scan# 757
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

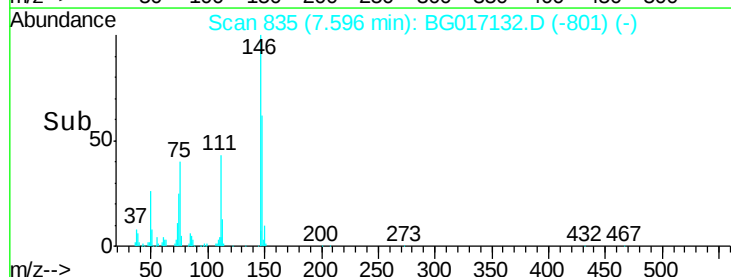
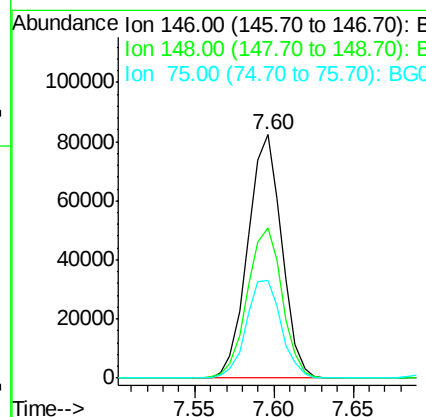
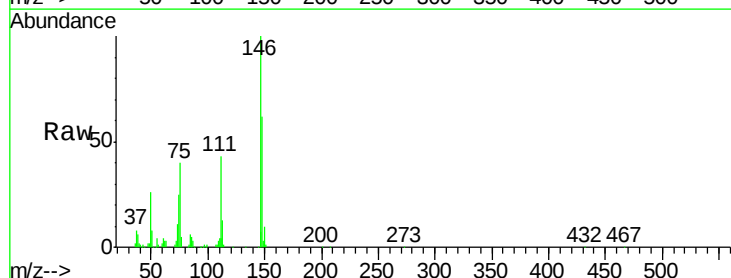
Instrument :
BNA_G
ClientSampleId :
PB83339BS

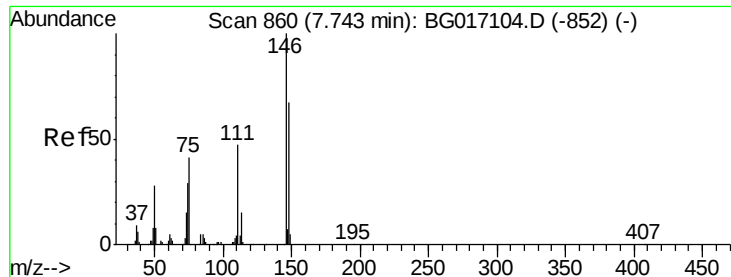
Tgt Ion: 93 Resp: 115207
Ion Ratio Lower Upper
93 100
63 84.6 58.5 98.5
95 33.9 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 31.69 ng
RT: 7.60 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion: 146 Resp: 122312
Ion Ratio Lower Upper
146 100
148 61.8 50.6 75.8
75 40.1 31.4 47.2

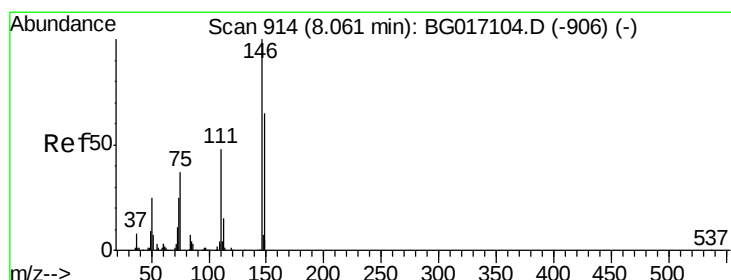
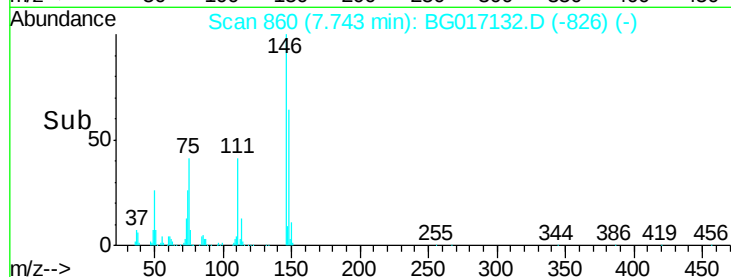
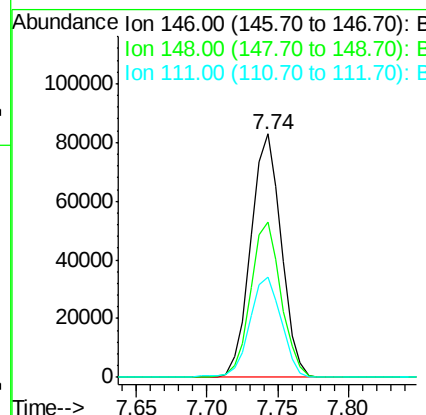
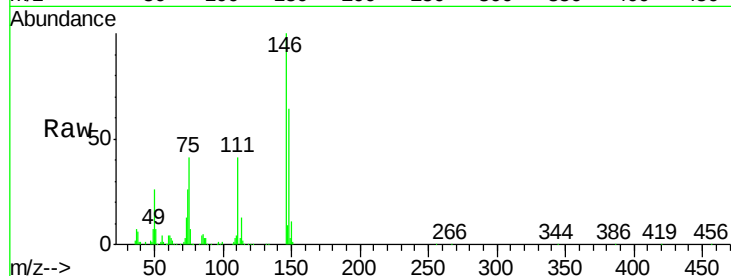




#13
 1,4-Dichlorobenzene
 Concen: 32.25 ng
 RT: 7.74 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

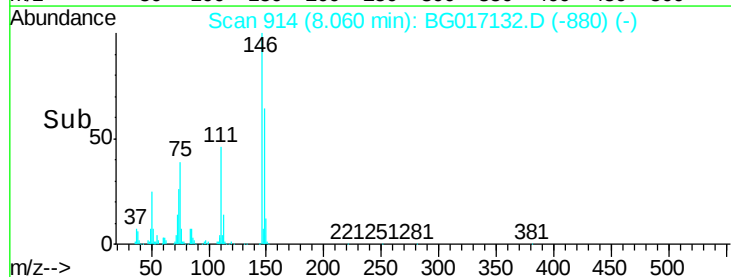
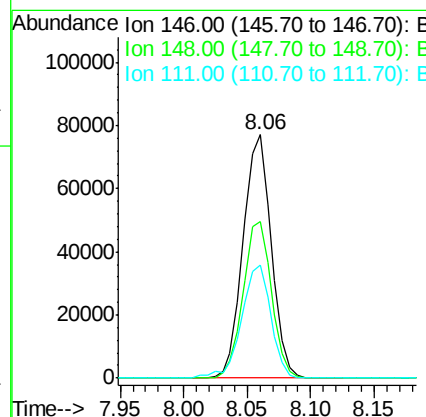
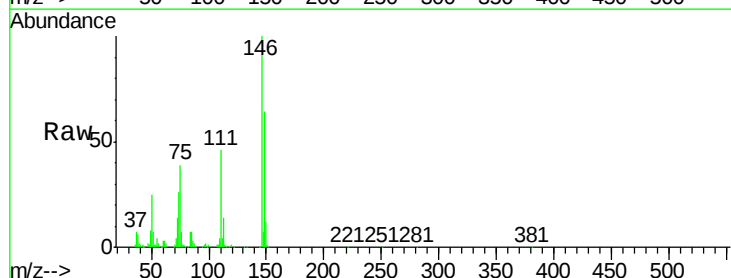
Instrument :
 BNA_G
 ClientSampled :
 PB83339BS

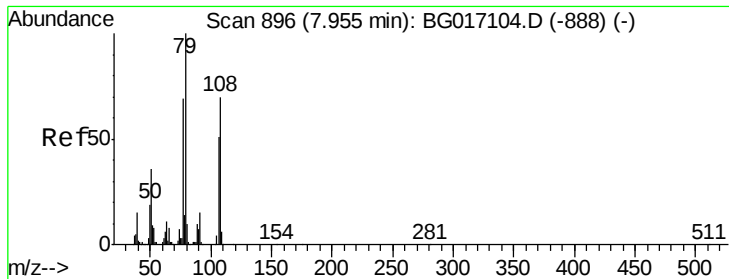
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.9	80.9
111	41.3	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 31.85 ng
 RT: 8.06 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	46.2	39.0	58.4





#15

Benzyl Alcohol

Concen: 33.26 ng

RT: 7.95 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

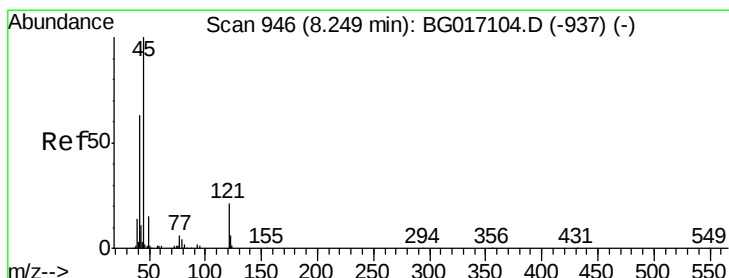
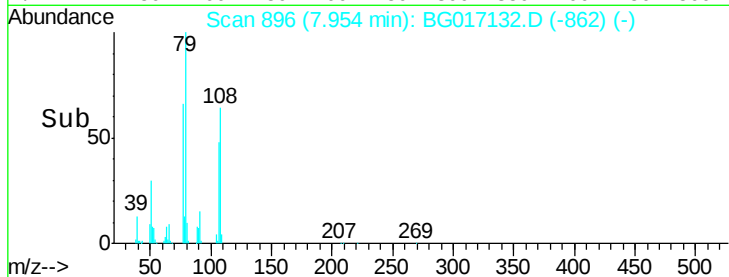
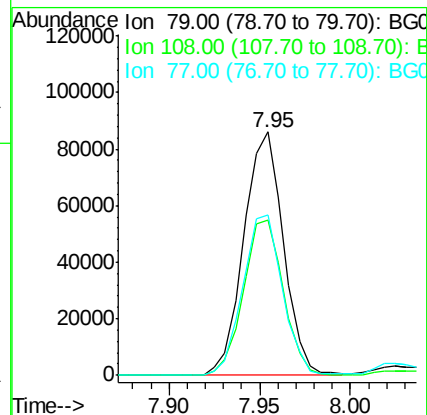
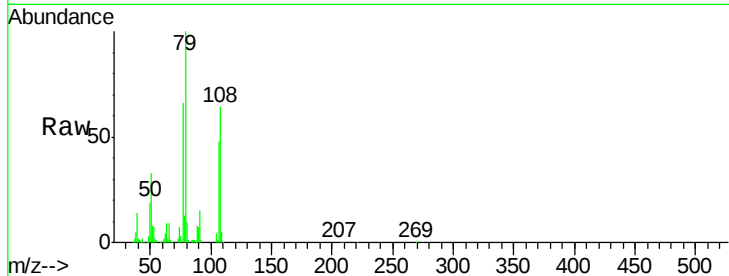
Tgt Ion: 79 Resp: 131008

Ion Ratio Lower Upper

79 100

108 64.0 55.8 83.6

77 65.7 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.51 ng

RT: 8.25 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

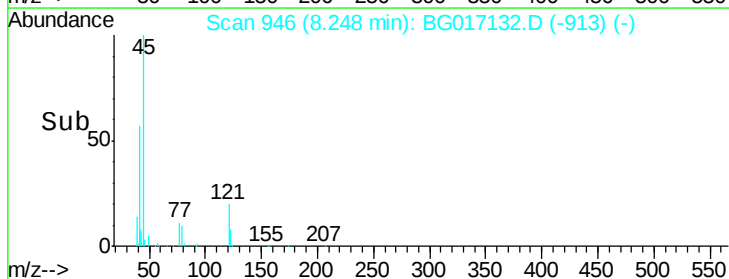
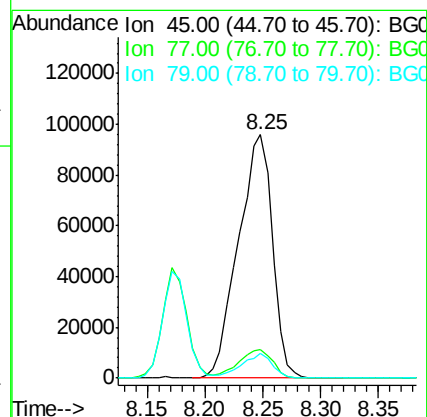
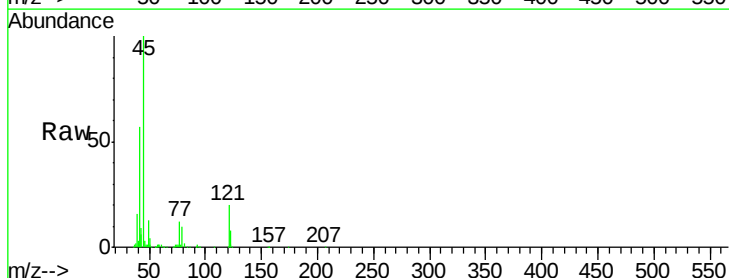
Tgt Ion: 45 Resp: 196043

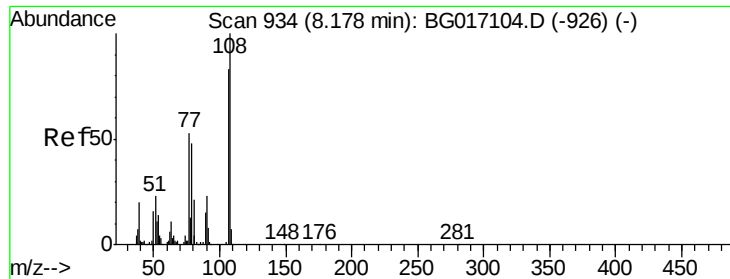
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.5

79 10.0 0.0 29.4

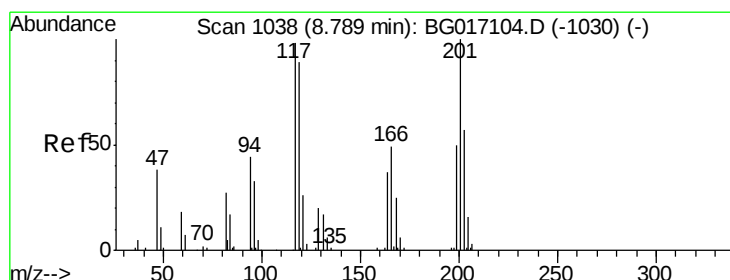
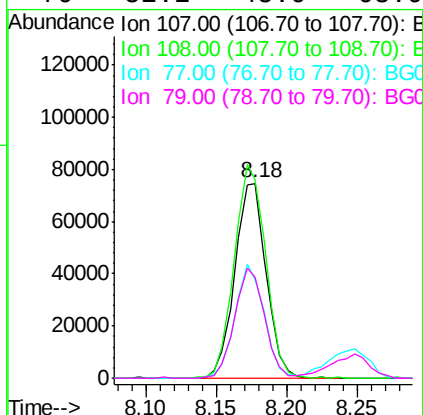
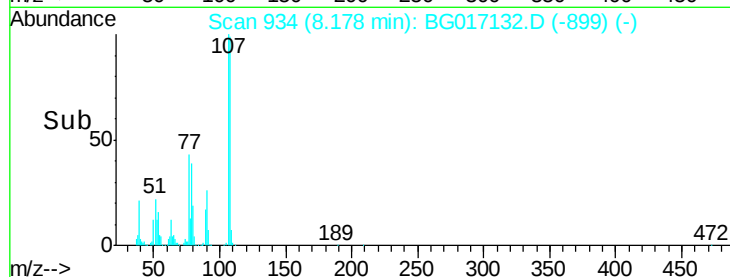
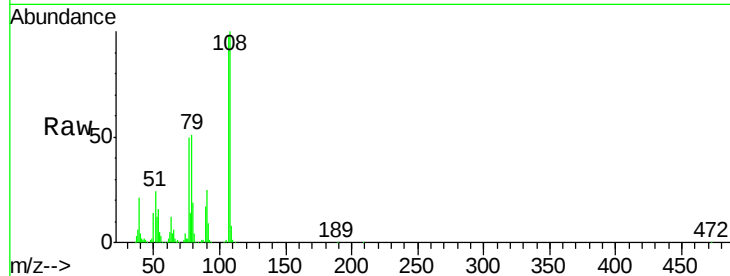




#17
2-Methylphenol
Concen: 37.04 ng
RT: 8.18 min Scan# 934
Delta R.T. 0.01 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

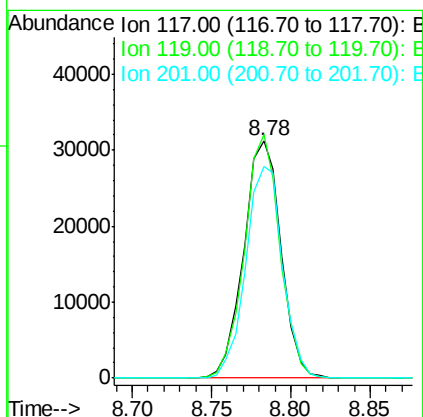
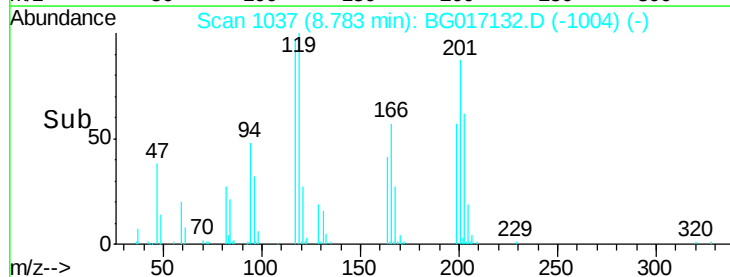
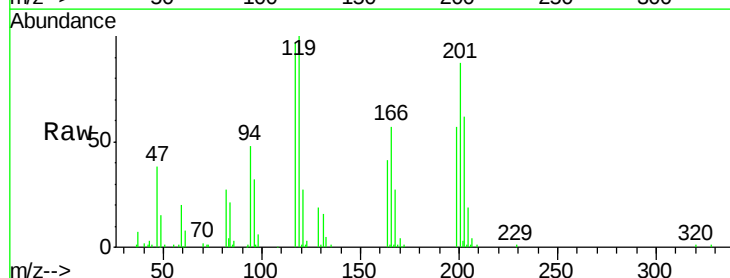
Instrument :
BNA_G
ClientSampleId :
PB83339BS

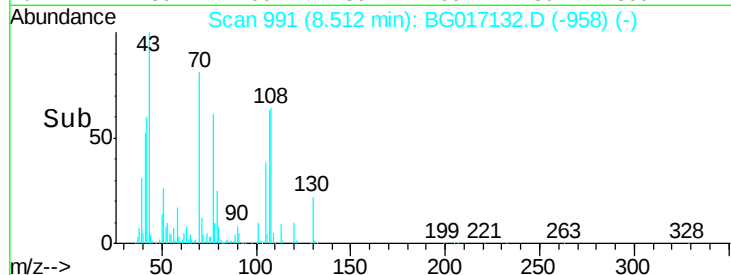
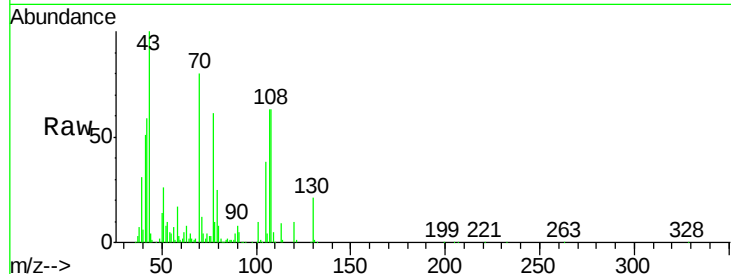
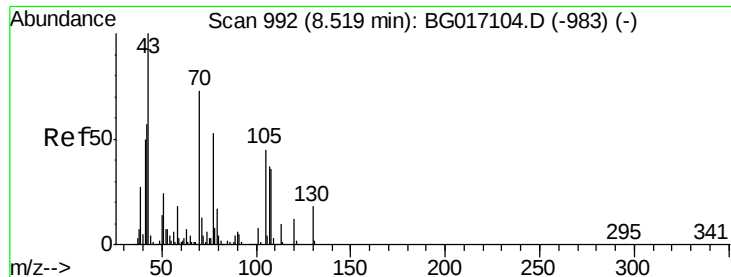
Tgt Ion	Ratio	Lower	Upper
107	100		
108	101.6	96.6	144.8
77	50.7	51.2	76.8#
79	52.2	45.9	68.9



#18
Hexachloroethane
Concen: 31.29 ng
RT: 8.78 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.6	73.0	109.6
201	89.1	81.7	122.5

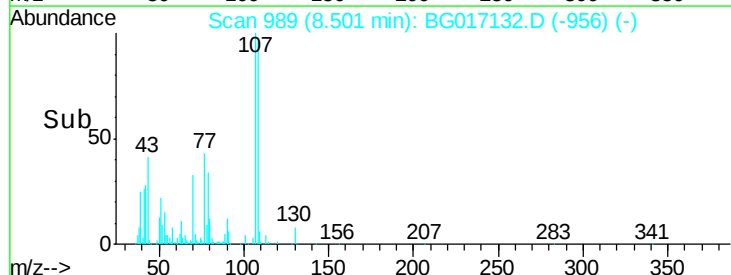
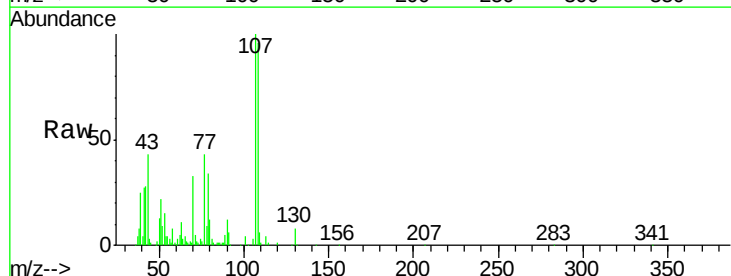
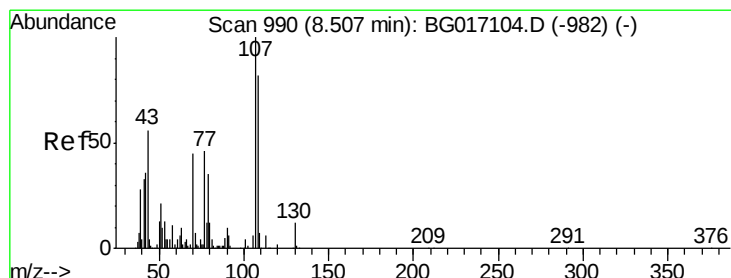
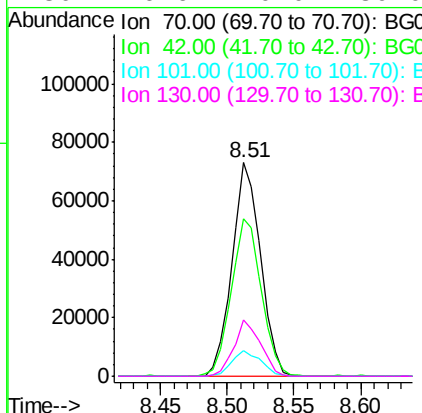




#19
n-Nitroso-di-n-propylamine
Concen: 30.80 ng
RT: 8.51 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

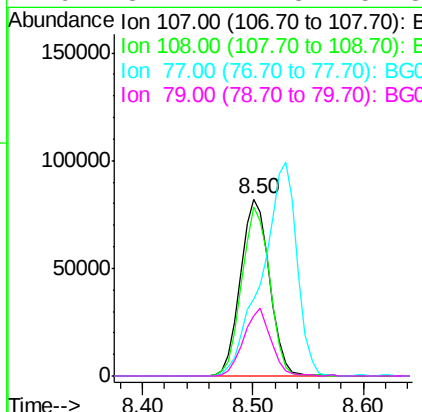
Instrument :
BNA_G
ClientSampleId :
PB83339BS

Tgt Ion: 70 Resp: 108763
Ion Ratio Lower Upper
70 100
42 73.8 62.6 94.0
101 11.9 9.0 13.4
130 26.6 20.0 30.0



#20
3+4-Methylphenols
Concen: 35.06 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion: 107 Resp: 151888
Ion Ratio Lower Upper
107 100
108 95.6 62.2 102.2
77 43.1 26.0 66.0
79 34.2 14.8 54.8

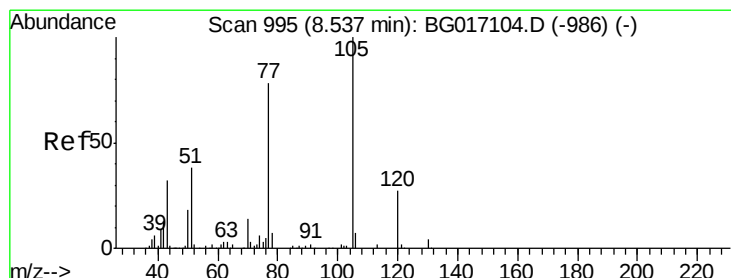
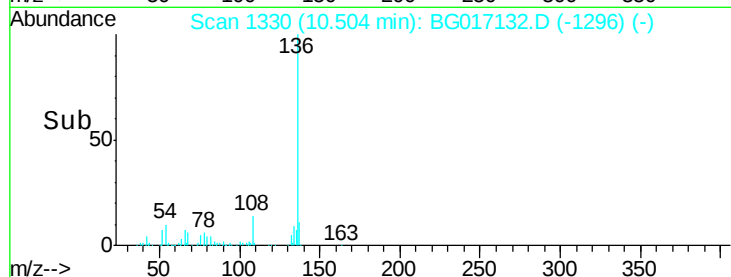
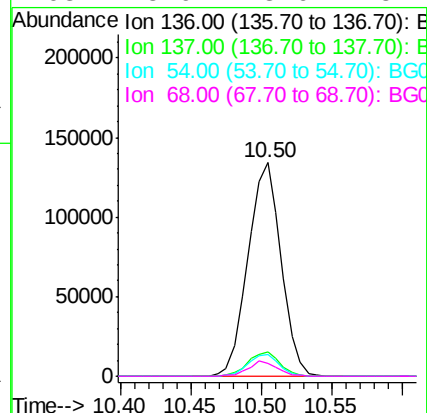
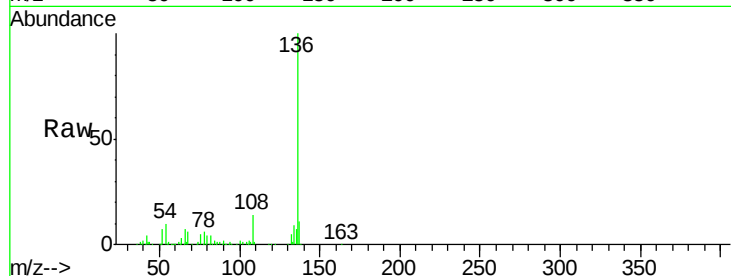




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

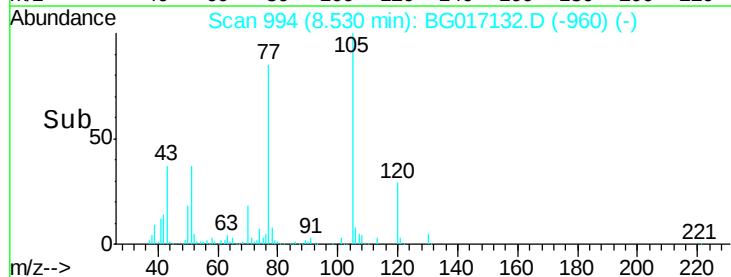
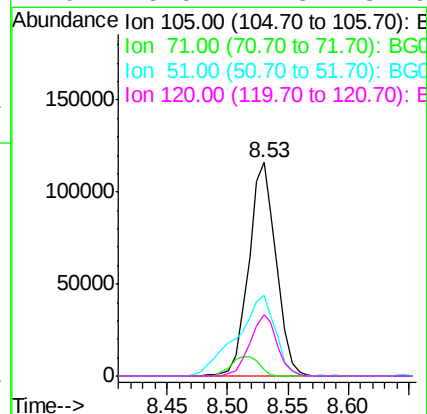
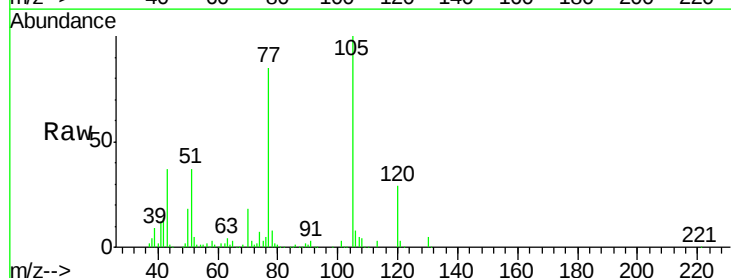
Instrument :
BNA_G
ClientSampleId :
PB83339BS

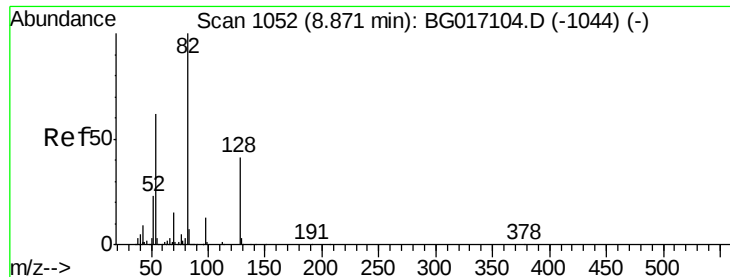
Tgt Ion:	136	Resp:	219510
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	10.0	7.4	11.2
68	5.9	3.6	5.4#



#22
Acetophenone
Concen: 34.18 ng
RT: 8.53 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion:	105	Resp:	182093
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.2	3.4
51	37.5	32.8	49.2
120	28.5	21.8	32.6

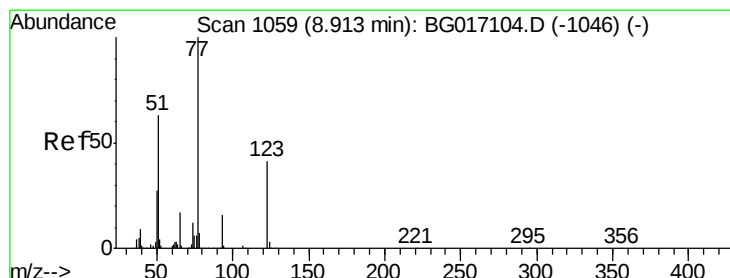
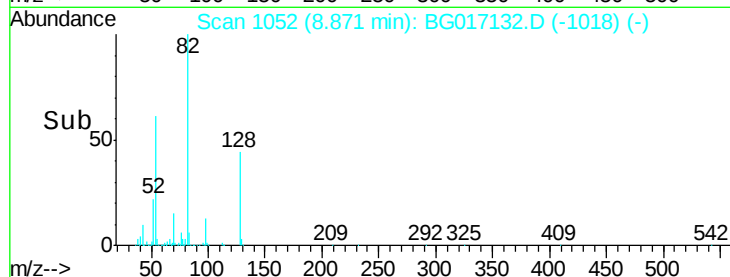
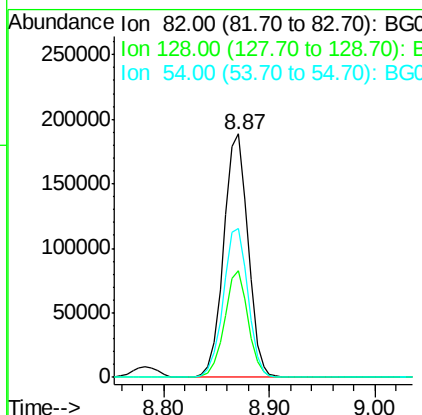
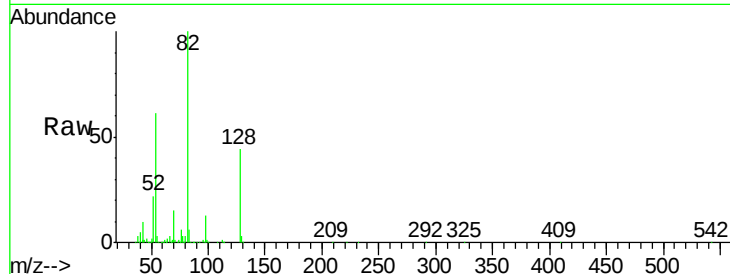




#23
 Nitrobenzene-d5
 Concen: 64.04 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

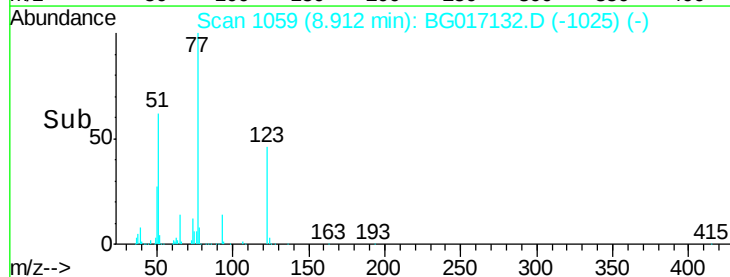
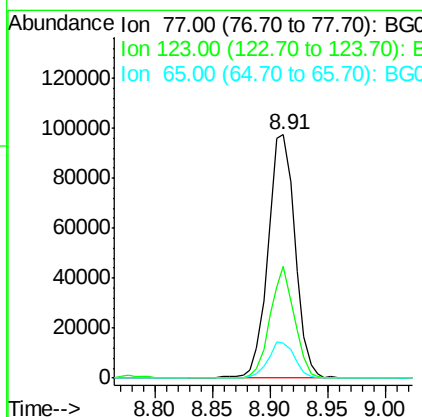
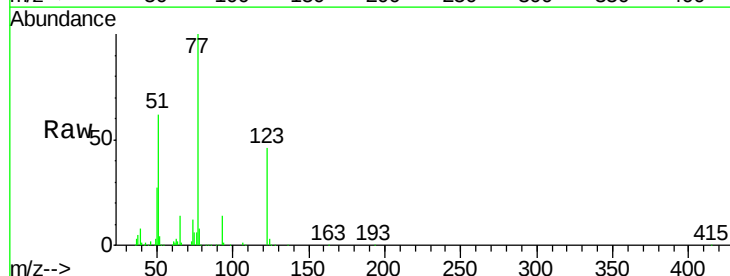
Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

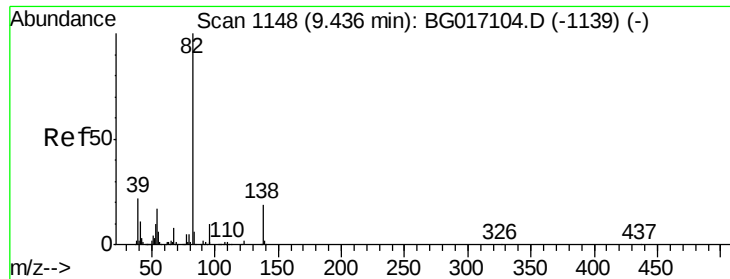
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.6	49.0
54	61.0	49.6	74.4



#24
 Nitrobenzene
 Concen: 34.74 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.0	49.4
65	14.2	13.3	19.9

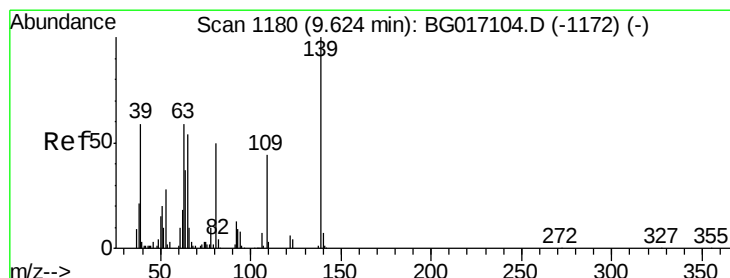
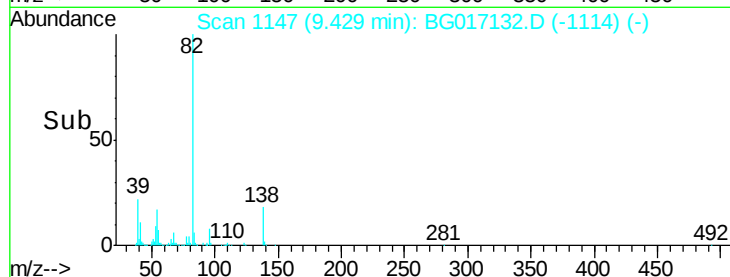
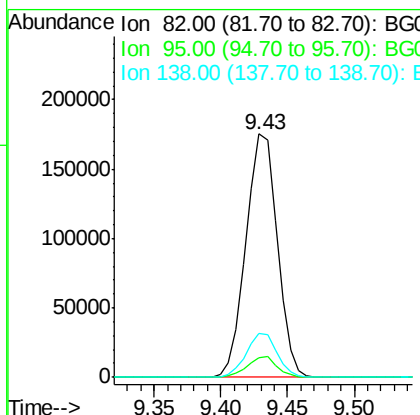
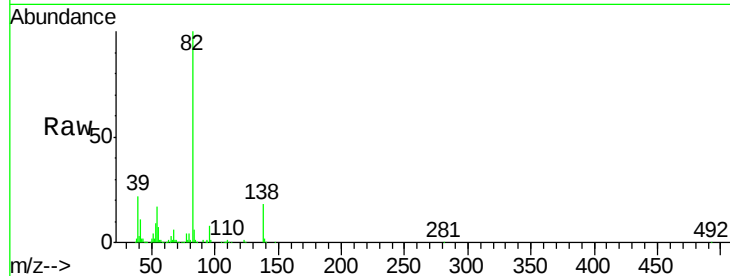




#25
Isophorone
Concen: 32.85 ng
RT: 9.43 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

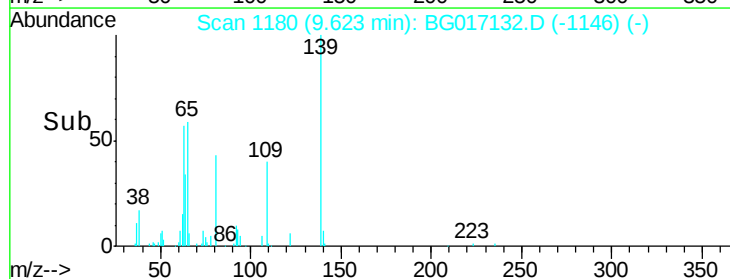
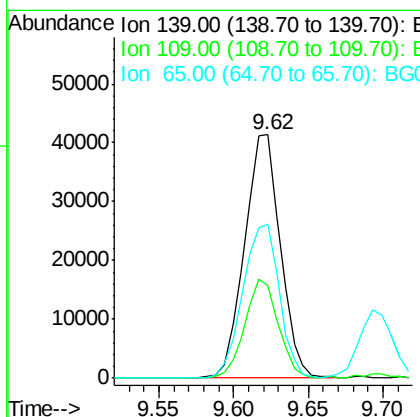
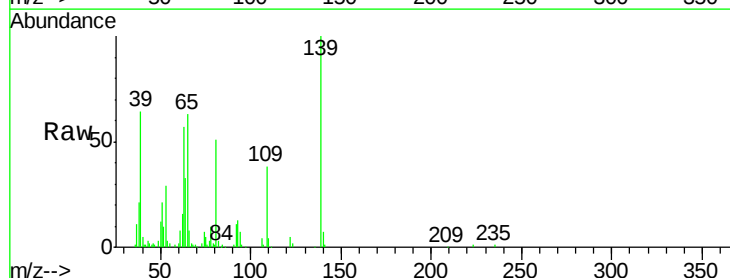
Instrument :
BNA_G
ClientSampleId :
PB83339BS

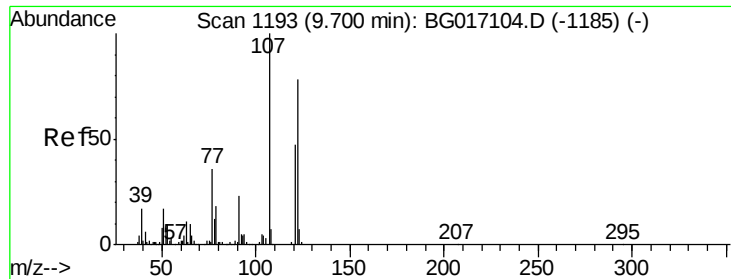
Tgt Ion: 82 Resp: 284721
Ion Ratio Lower Upper
82 100
95 8.0 7.7 11.5
138 17.9 15.0 22.6



#26
2-Nitrophenol
Concen: 33.38 ng
RT: 9.62 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion: 139 Resp: 68647
Ion Ratio Lower Upper
139 100
109 38.0 34.9 52.3
65 63.1 43.0 64.4

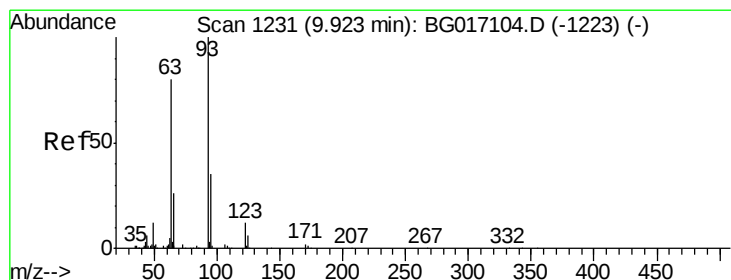
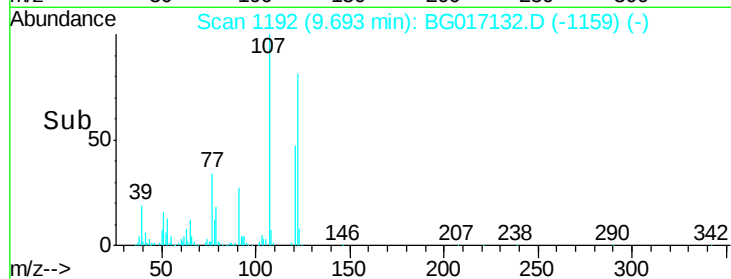
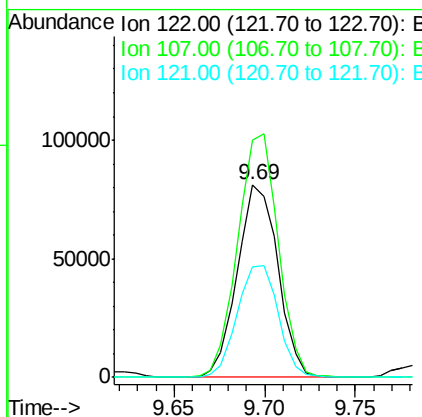
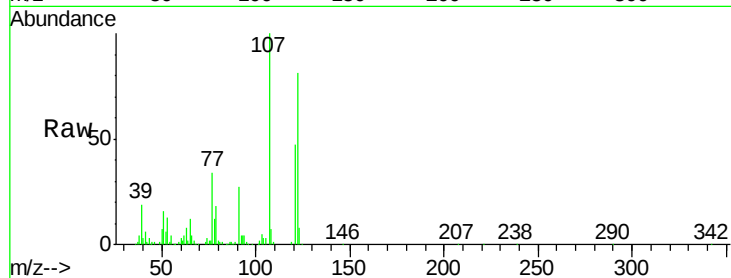




#27
 2,4-Dimethylphenol
 Concen: 37.40 ng
 RT: 9.69 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

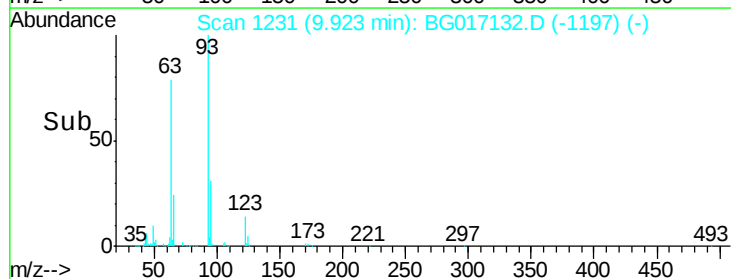
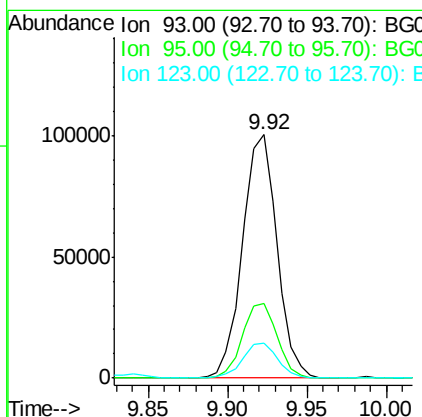
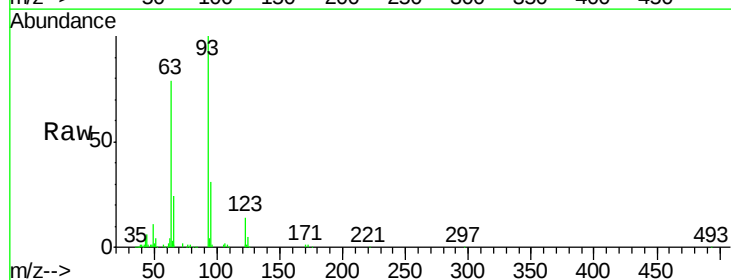
Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

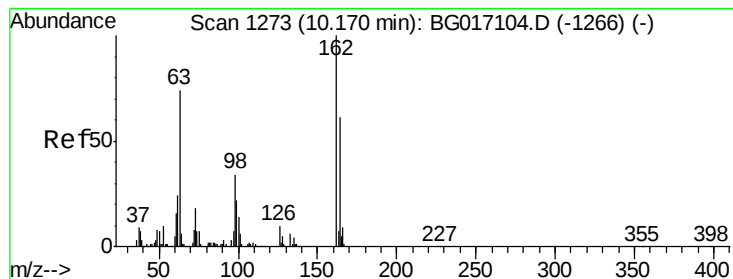
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.8	102.3	153.5
121	57.2	48.7	73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.94 ng
 RT: 9.92 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	28.0	42.0
123	14.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 39.00 ng

RT: 10.17 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

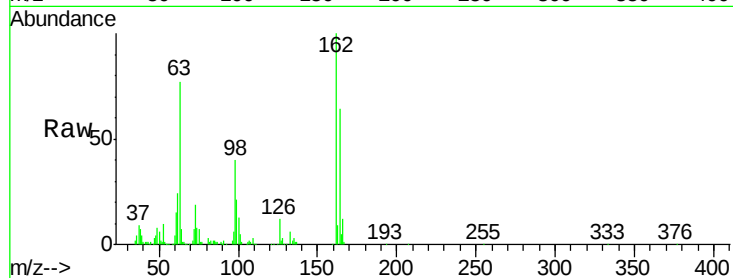
Tgt Ion:162 Resp: 124544

Ion Ratio Lower Upper

162 100

164 64.3 41.4 81.4

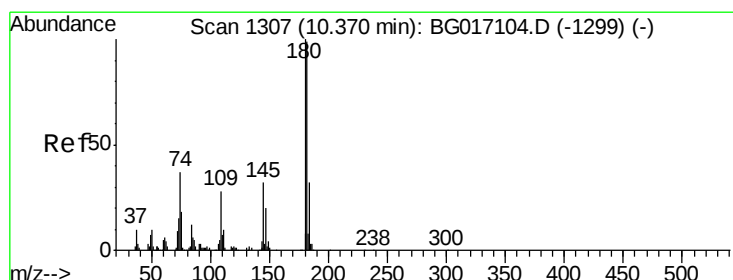
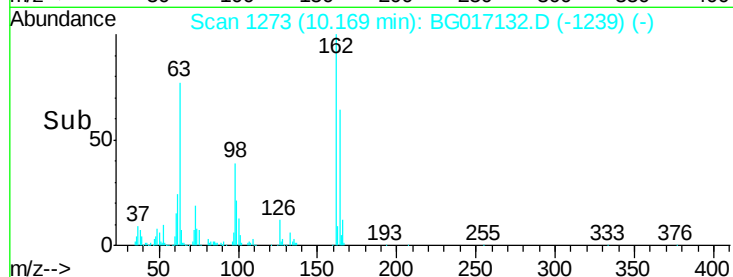
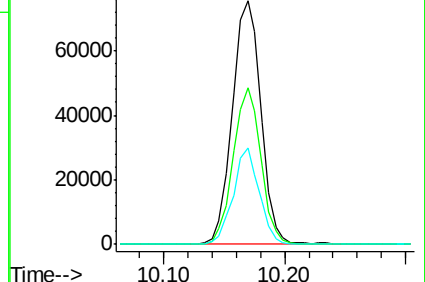
98 39.6 14.3 54.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 33.11 ng

RT: 10.37 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

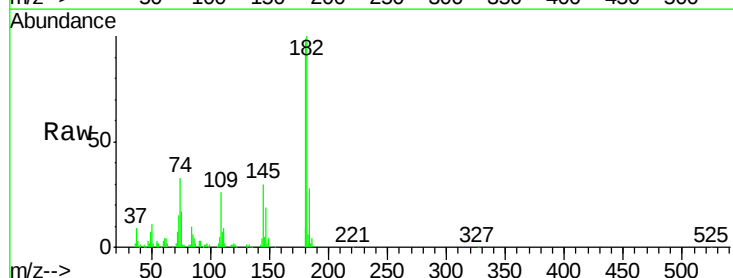
Tgt Ion:180 Resp: 119942

Ion Ratio Lower Upper

180 100

182 101.1 79.4 119.0

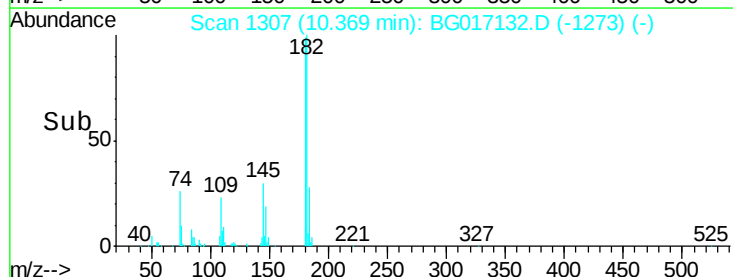
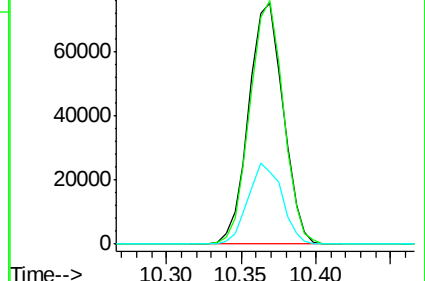
145 30.1 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

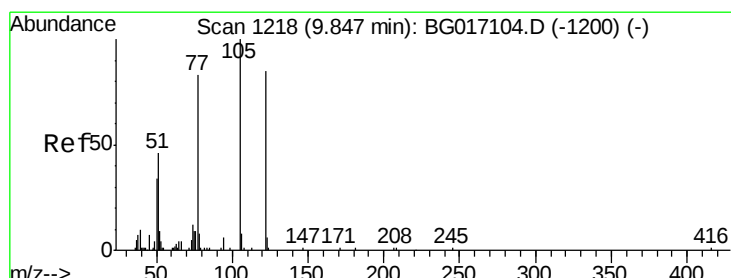
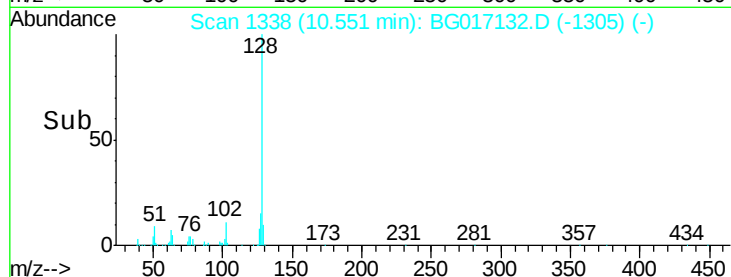
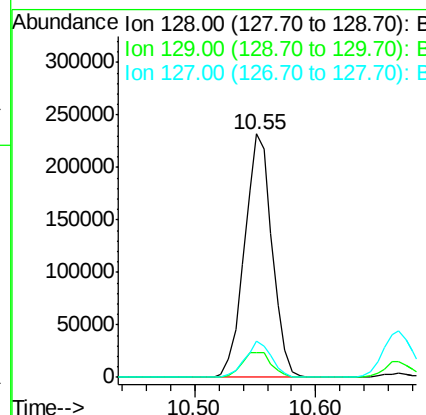
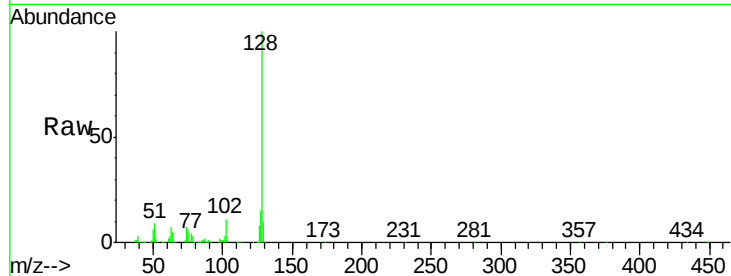




#31
Naphthalene
Concen: 34.24 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

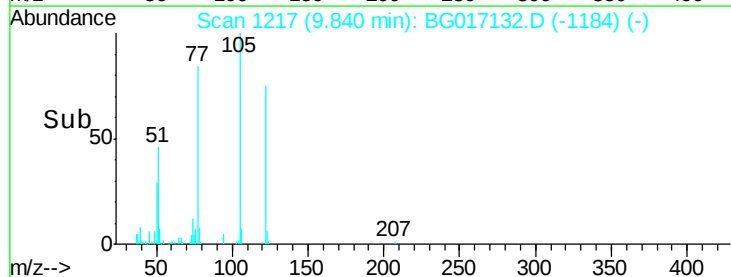
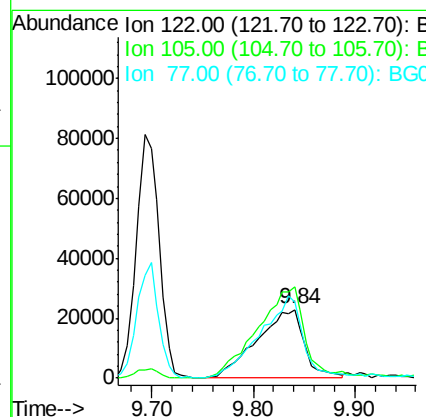
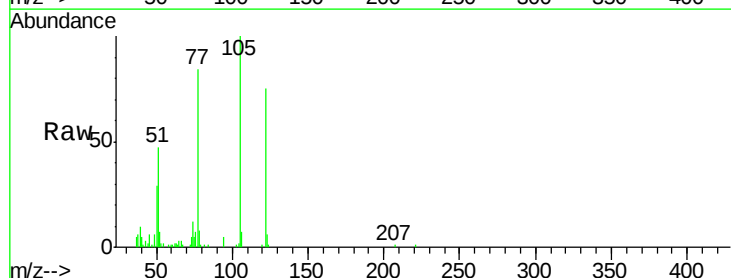
Instrument :
BNA_G
ClientSampleId :
PB83339BS

Tgt Ion:128 Resp: 367778
Ion Ratio Lower Upper
128 100
129 10.4 7.6 11.4
127 14.6 10.6 16.0



#32
Benzoic acid
Concen: 32.61 ng
RT: 9.84 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion:122 Resp: 74804
Ion Ratio Lower Upper
122 100
105 132.9 96.7 136.7
77 111.1 78.5 118.5

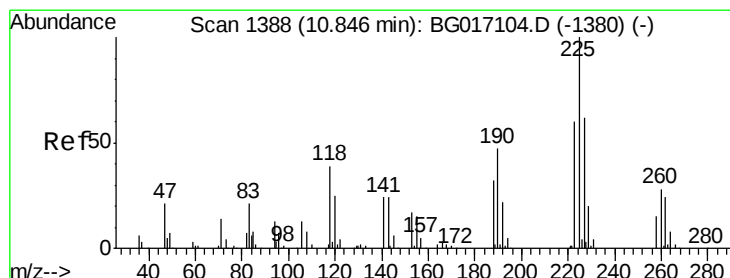
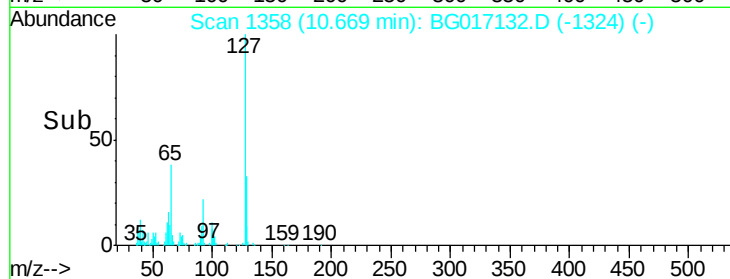
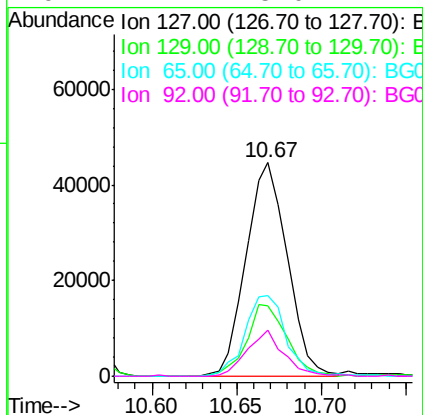
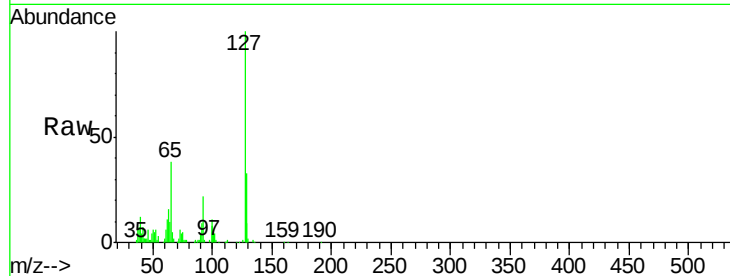




#33
4-Chloroaniline
Concen: 14.95 ng
RT: 10.67 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

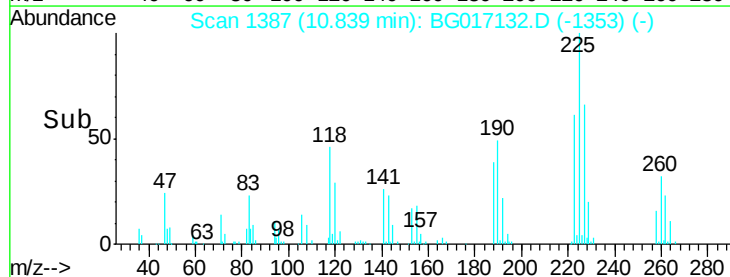
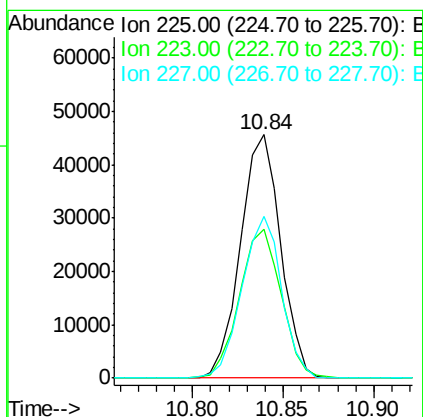
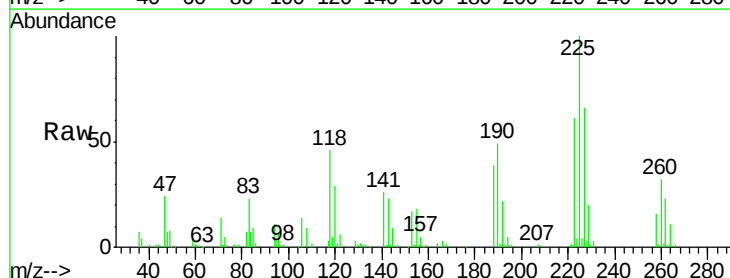
Instrument :
BNA_G
ClientSampleId :
PB83339BS

Tgt Ion:	127	Resp:	75947
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.8	37.2
65	37.5	25.8	38.6
92	21.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 30.59 ng
RT: 10.84 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion:	225	Resp:	70166
Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.3	72.5
227	66.4	49.8	74.8





#35

Caprolactam

Concen: 21.32 ng

RT: 11.43 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

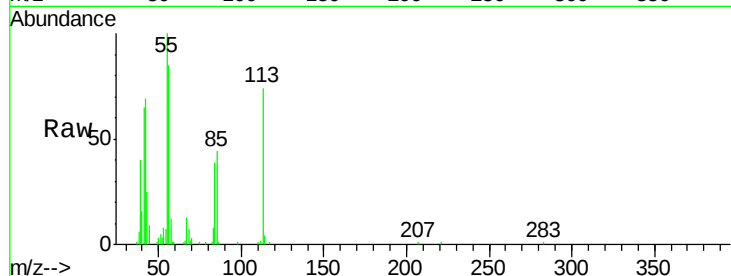
Tgt Ion:113 Resp: 34232

Ion Ratio Lower Upper

113 100

55 135.6 124.1 164.1

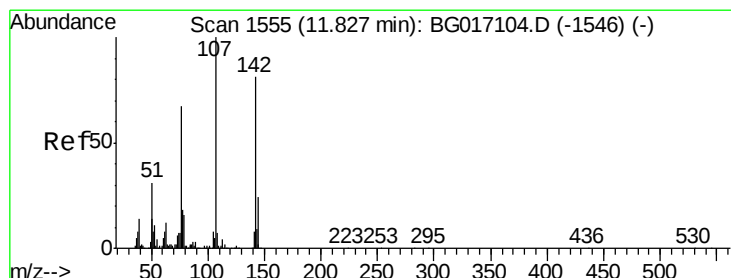
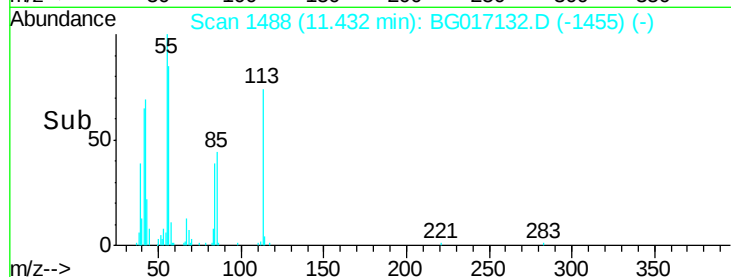
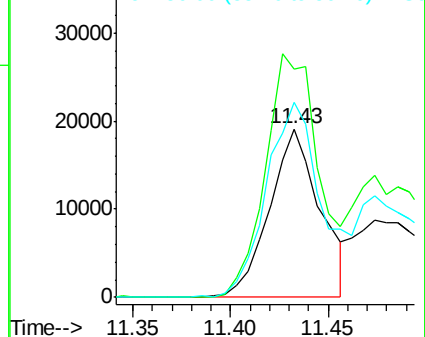
56 115.8 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.66 ng

RT: 11.83 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

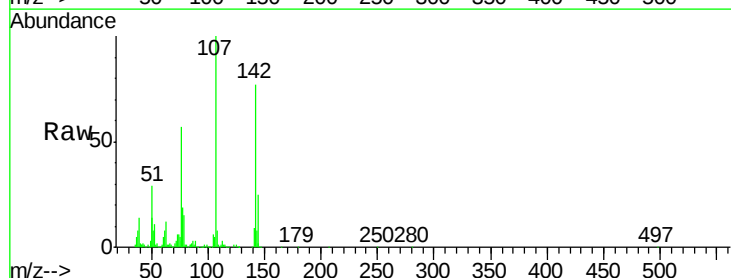
Tgt Ion:107 Resp: 151933

Ion Ratio Lower Upper

107 100

144 24.8 19.6 29.4

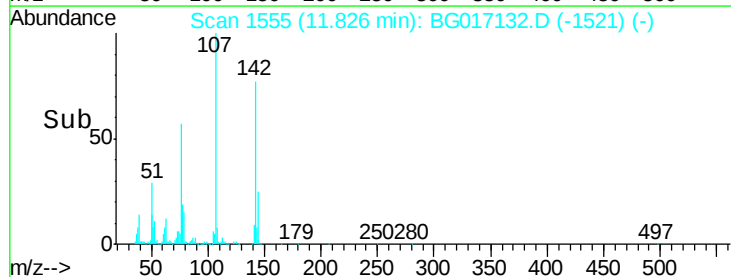
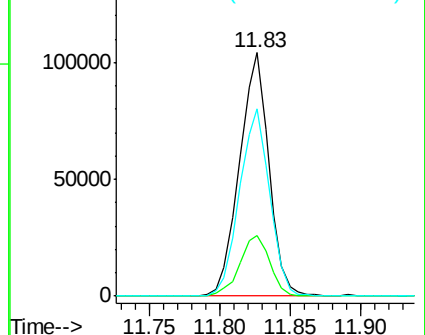
142 76.7 64.9 97.3

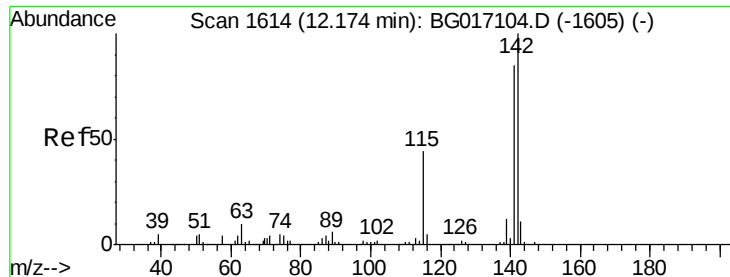


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

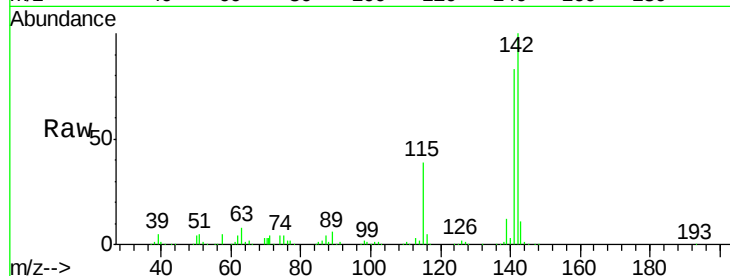




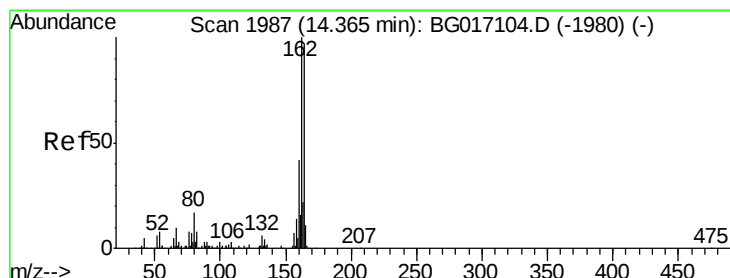
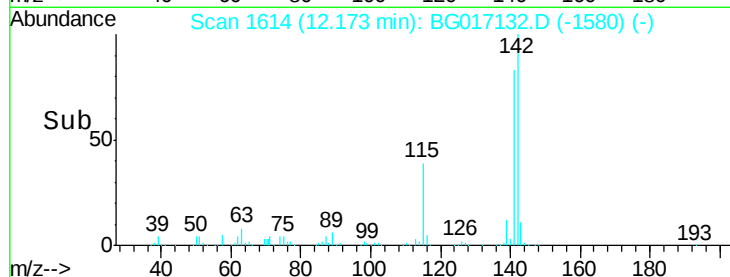
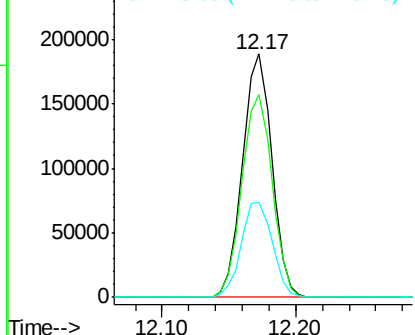
#37
 2-Methylnaphthalene
 Concen: 33.55 ng
 RT: 12.17 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

Tgt Ion:142 Resp: 285833
 Ion Ratio Lower Upper
 142 100
 141 83.1 68.2 102.2
 115 39.3 35.6 53.4

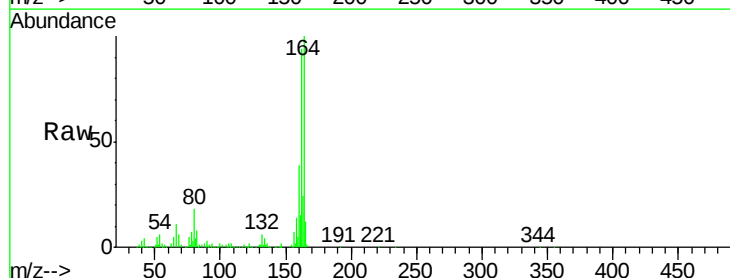


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

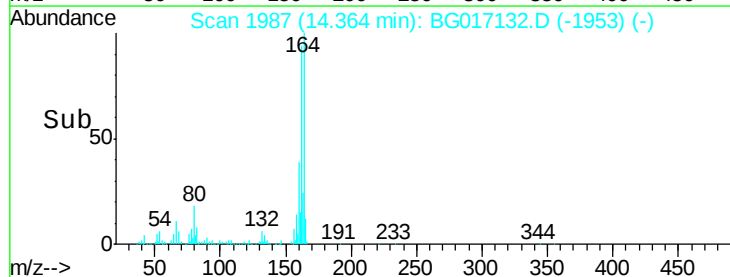
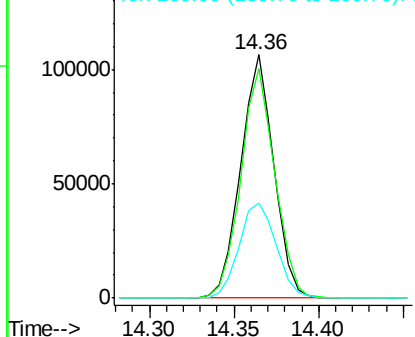


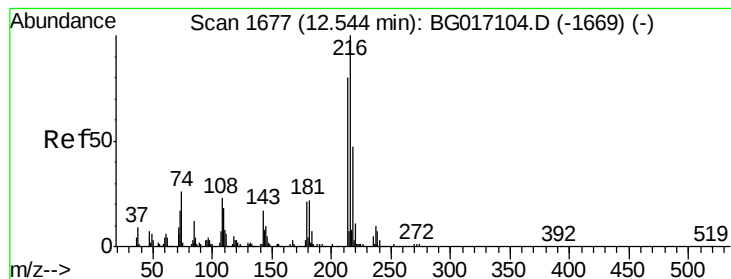
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion:164 Resp: 145196
 Ion Ratio Lower Upper
 164 100
 162 94.1 82.1 123.1
 160 39.2 34.8 52.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.11 ng

RT: 12.54 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

Tgt Ion:216 Resp: 131919

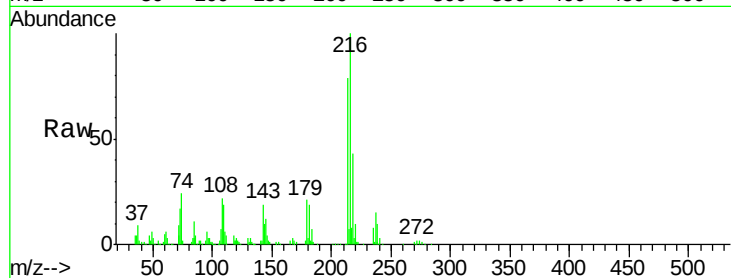
Ion Ratio Lower Upper

216 100

214 79.5 63.3 94.9

179 22.3 17.8 26.8

108 27.9 19.9 29.9

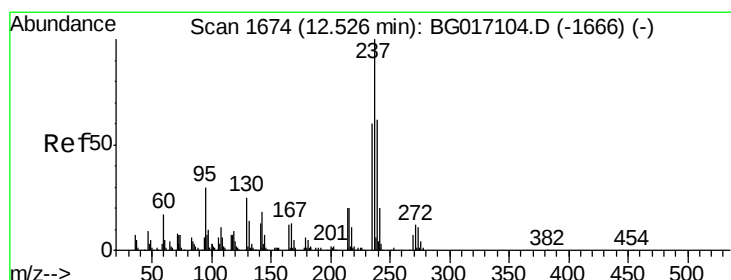
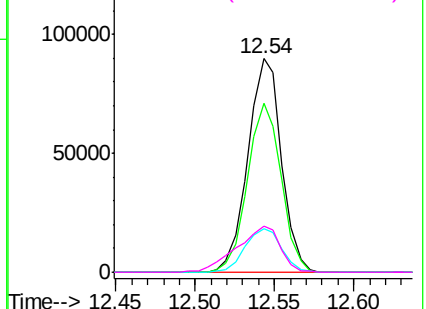
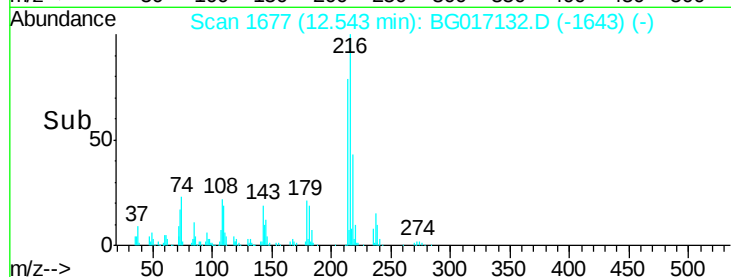


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.00 ng

RT: 12.52 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

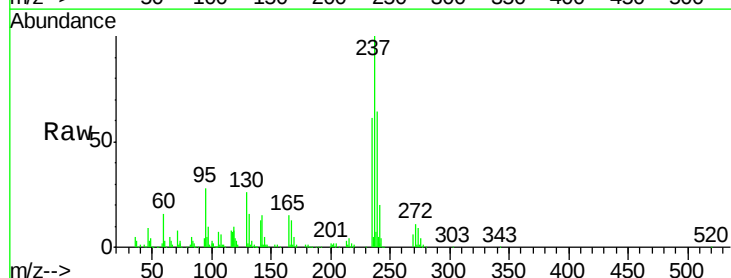
Tgt Ion:237 Resp: 175416

Ion Ratio Lower Upper

237 100

235 61.1 39.7 79.7

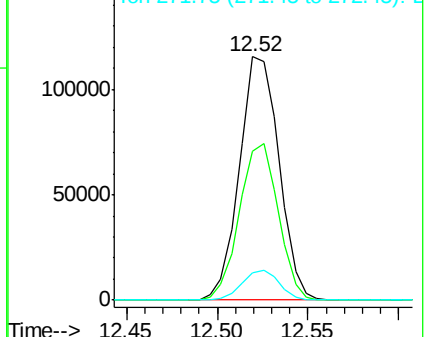
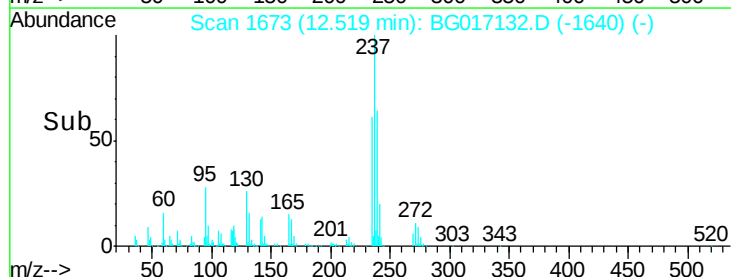
272 11.3 0.0 32.1

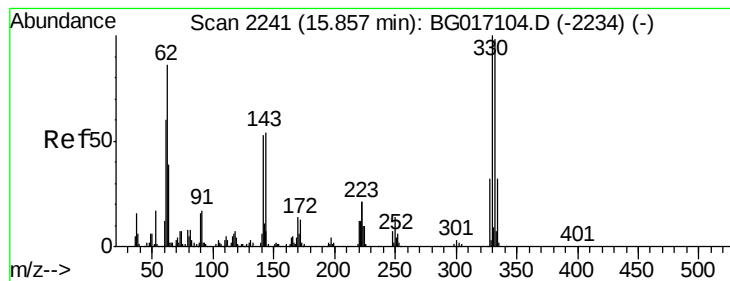


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 105.25 ng

RT: 15.86 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

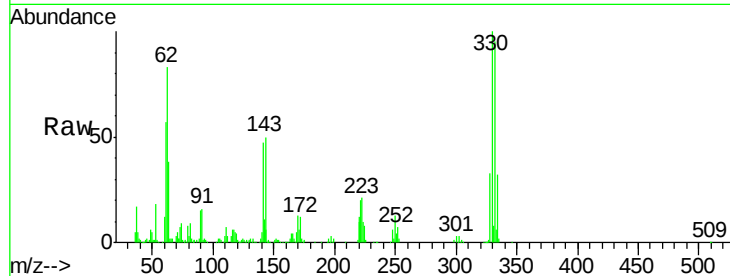
Tgt Ion:330 Resp: 184733

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

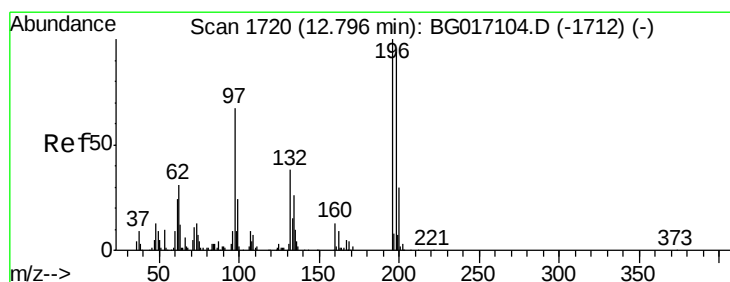
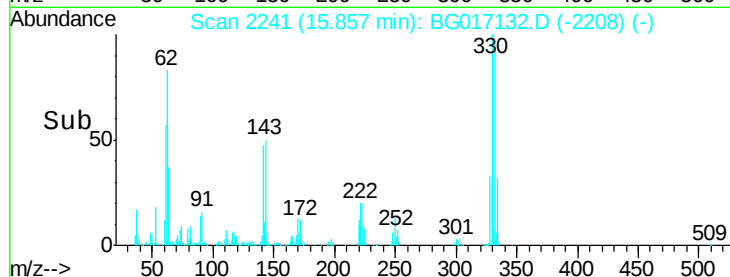
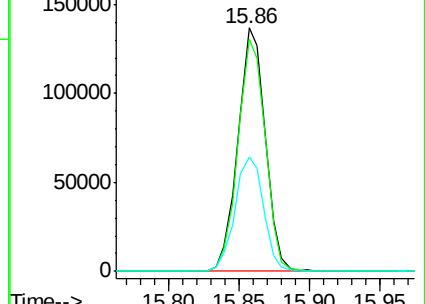
141 49.4 42.2 63.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 33.95 ng

RT: 12.80 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

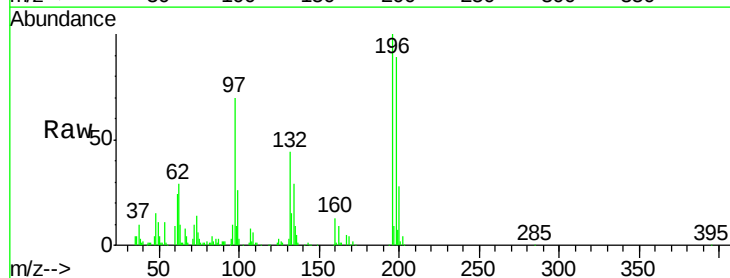
Tgt Ion:196 Resp: 98940

Ion Ratio Lower Upper

196 100

198 89.4 74.9 112.3

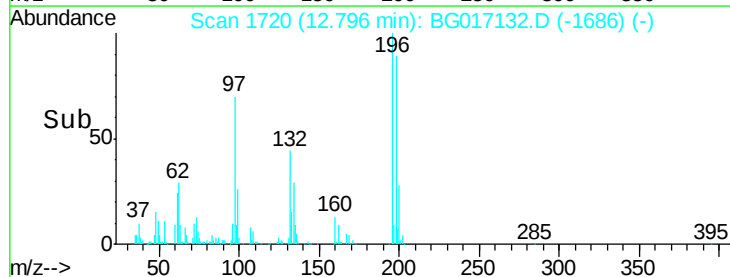
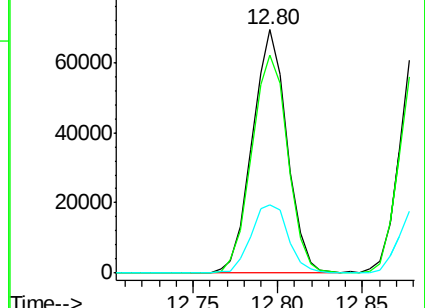
200 28.2 24.2 36.2

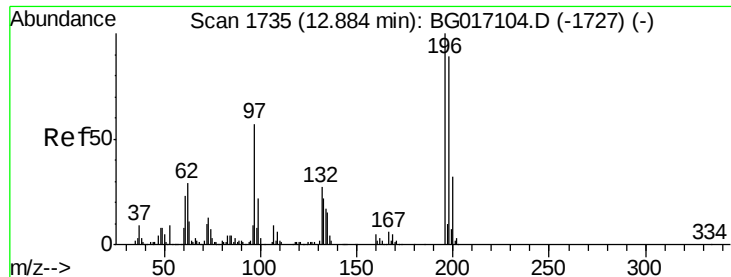


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

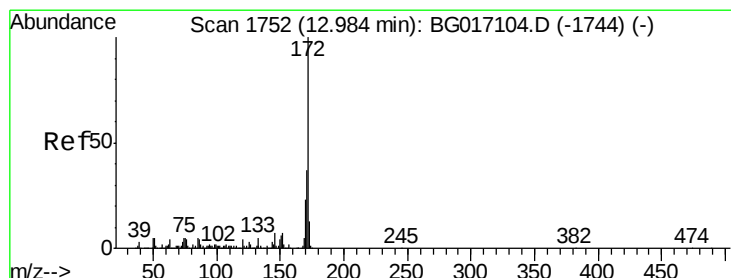
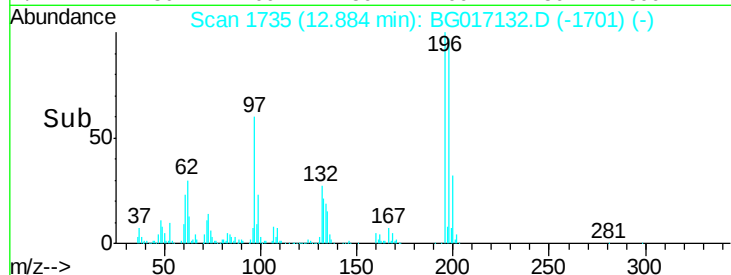
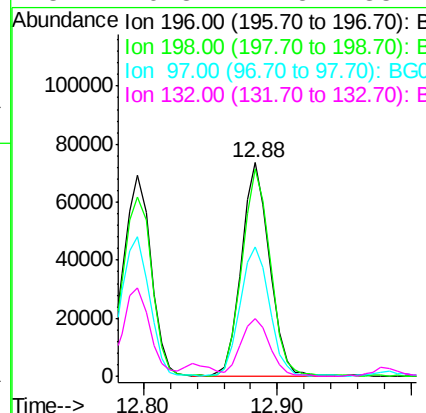
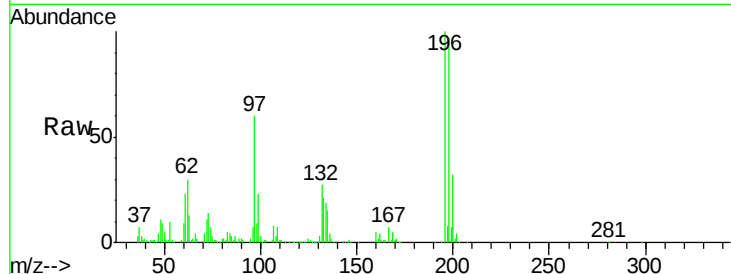




#43
2,4,5-Trichlorophenol
Concen: 35.81 ng
RT: 12.88 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

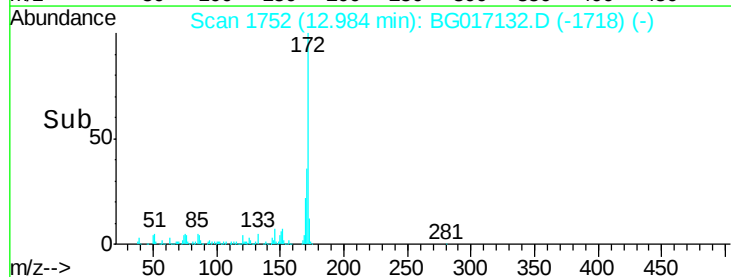
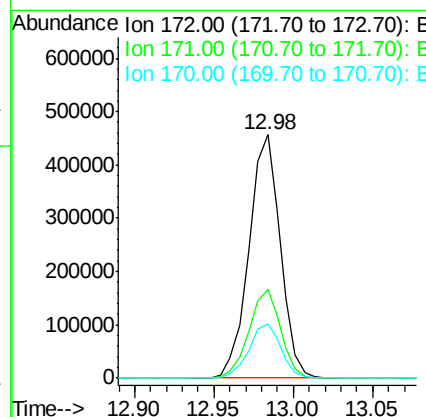
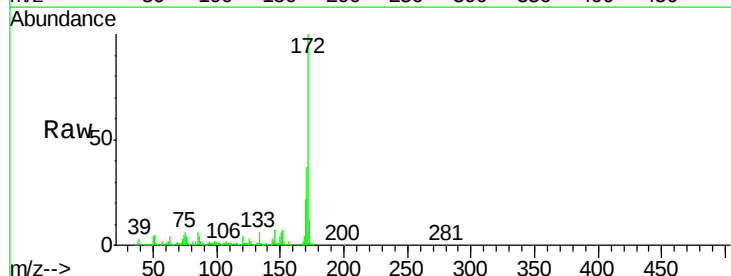
Instrument :
BNA_G
ClientSampleId :
PB83339BS

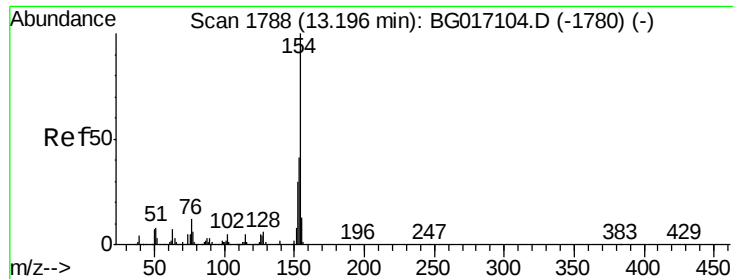
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	71.4	107.0
97	60.5	45.4	68.0
132	26.8	22.5	33.7



#44
2-Fluorobiphenyl
Concen: 63.09 ng
RT: 12.98 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	22.5	18.4	27.6

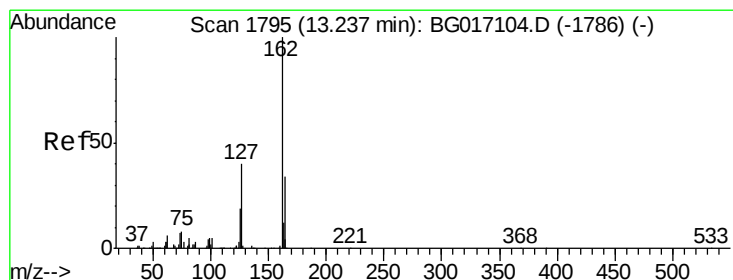
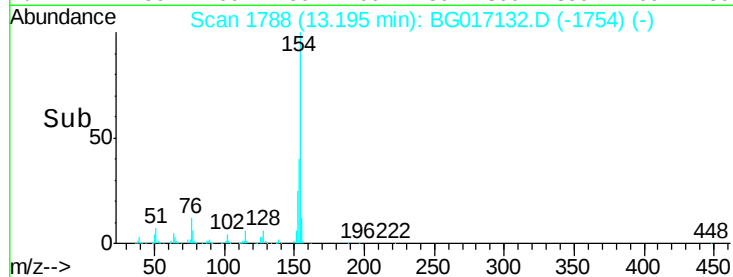
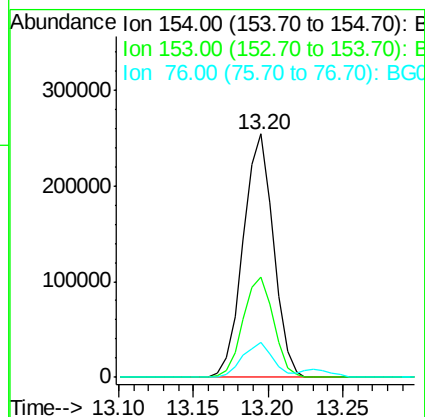
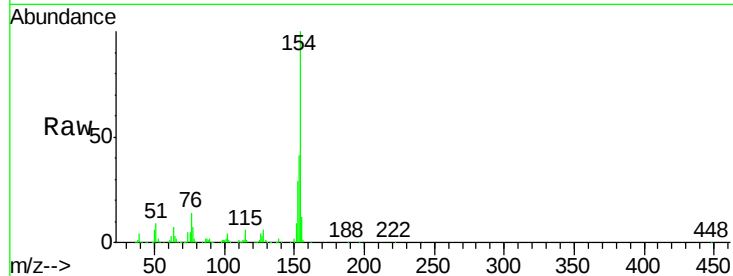




#45
 1,1'-Biphenyl
 Concen: 34.08 ng
 RT: 13.20 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

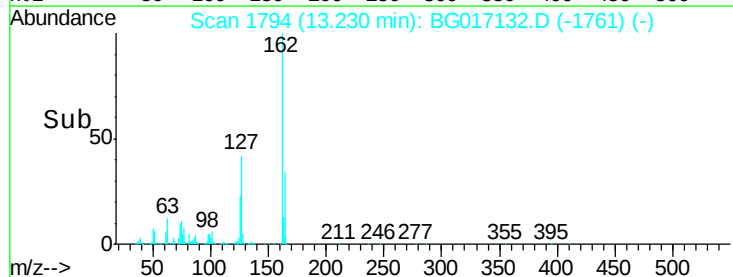
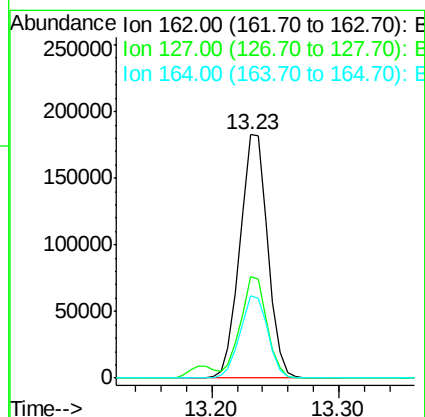
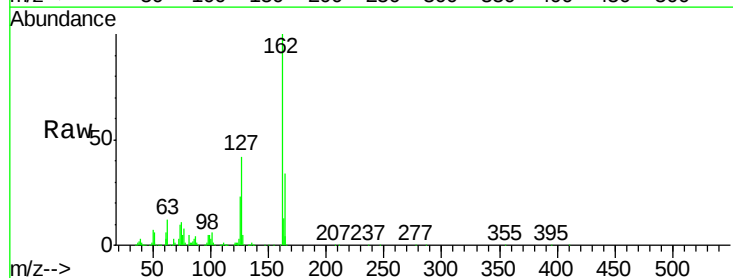
Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	14.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 33.32 ng
 RT: 13.23 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.5	50.3
164	33.9	27.0	40.6

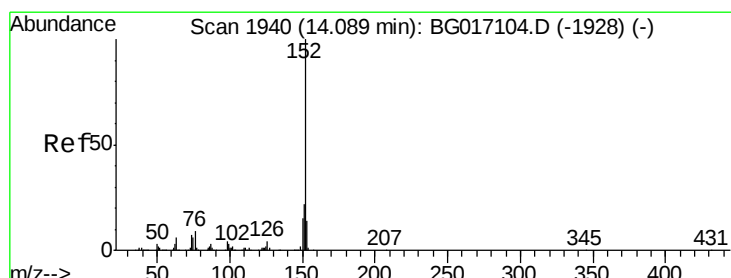
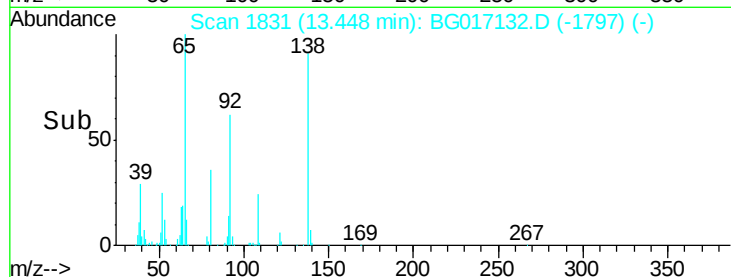
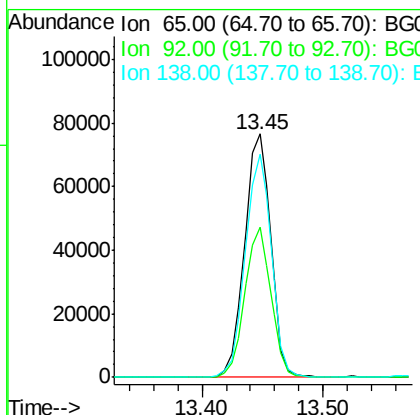
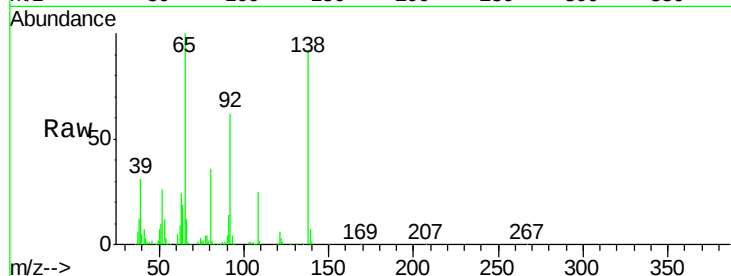




#47
2-Nitroaniline
Concen: 36.16 ng
RT: 13.45 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

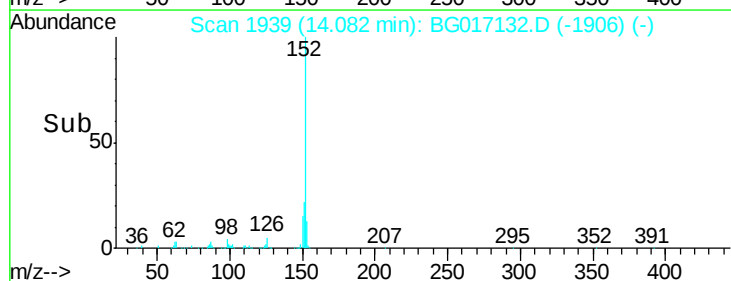
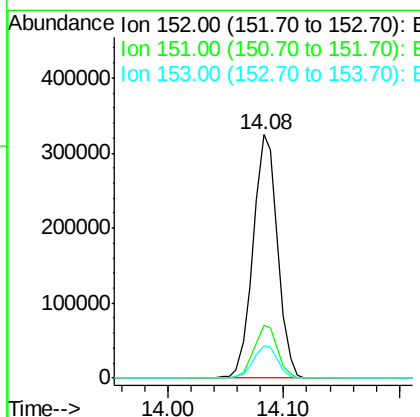
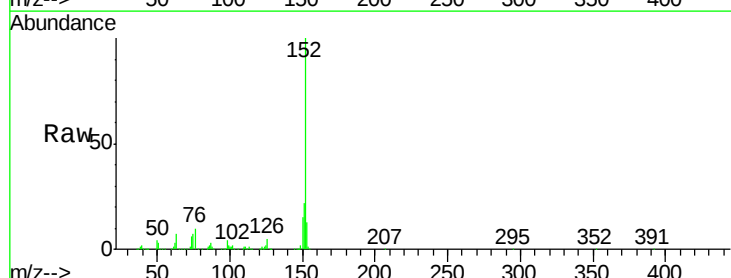
Instrument :
BNA_G
ClientSampleId :
PB83339BS

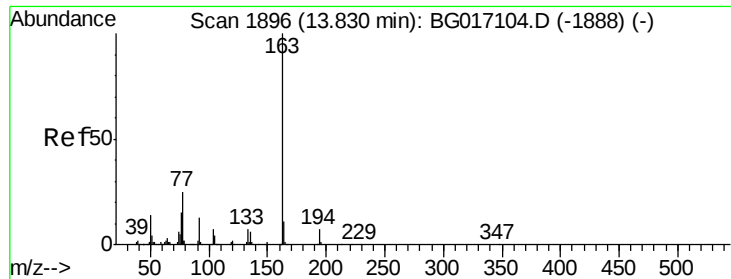
Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	51.0	76.4
138	91.9	79.3	118.9



#48
Acenaphthylene
Concen: 33.83 ng
RT: 14.08 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	13.3	10.8	16.2





#49

Dimethylphthalate

Concen: 33.85 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

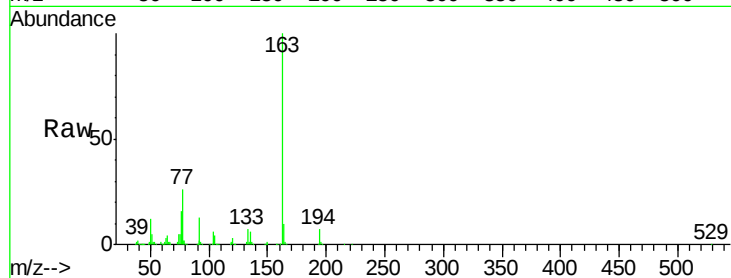
Tgt Ion:163 Resp: 384270

Ion Ratio Lower Upper

163 100

194 6.9 5.6 8.4

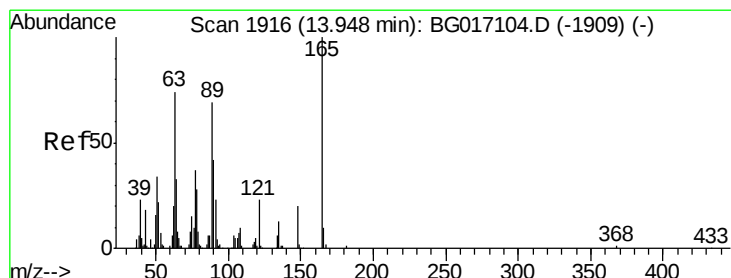
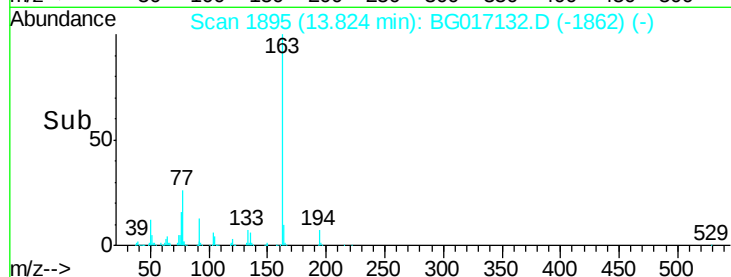
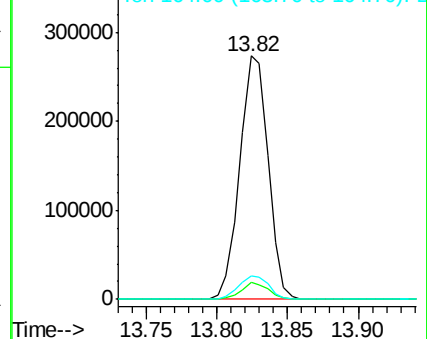
164 9.8 8.6 13.0



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: 35.55 ng

RT: 13.95 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

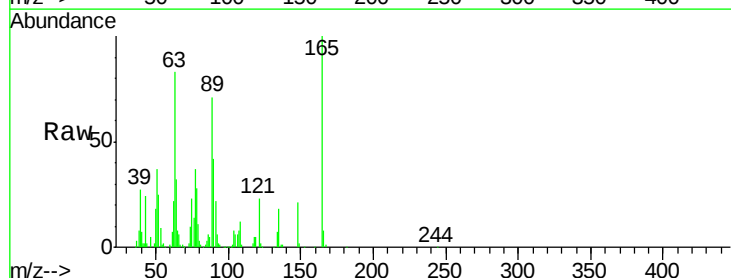
Tgt Ion:165 Resp: 89438

Ion Ratio Lower Upper

165 100

63 83.3 60.6 90.8

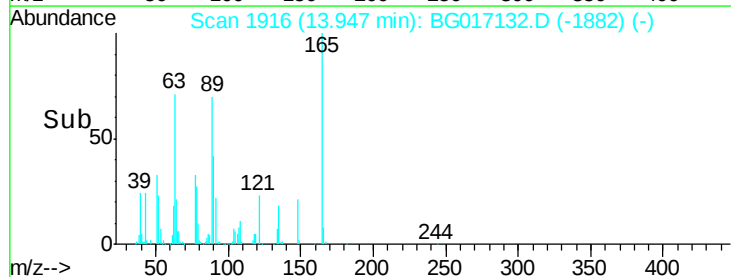
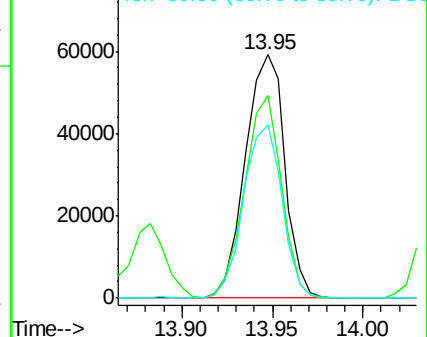
89 70.9 55.0 82.6

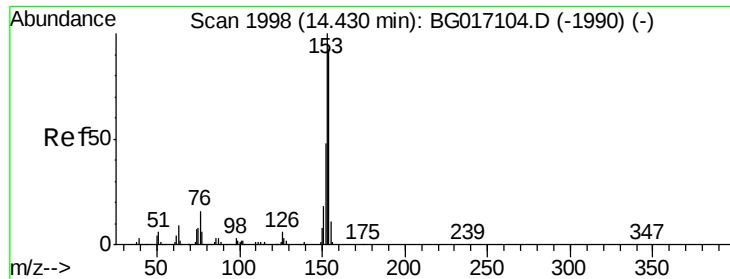


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 33.55 ng

RT: 14.43 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

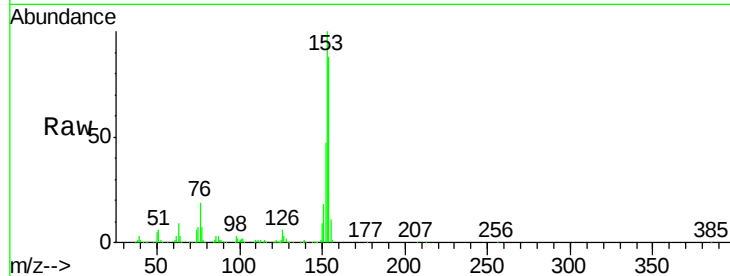
Tgt Ion:154 Resp: 281050

Ion Ratio Lower Upper

154 100

153 114.3 86.2 129.4

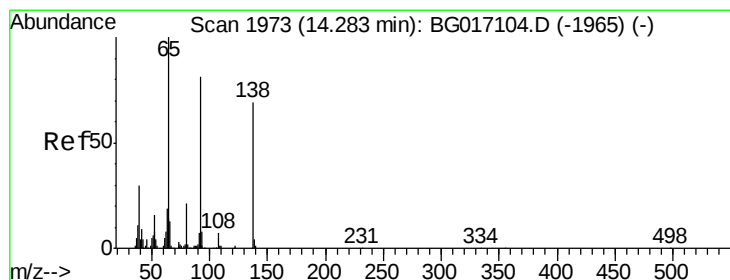
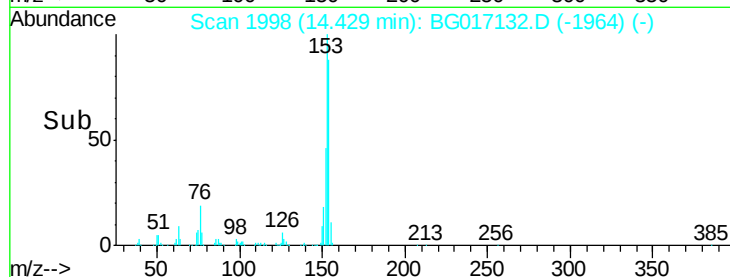
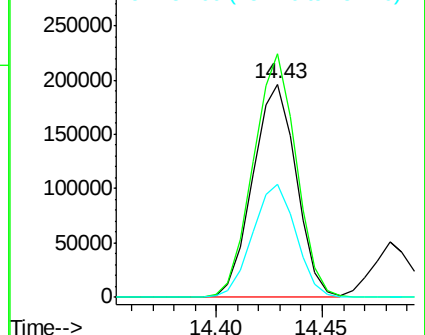
152 53.2 41.5 62.3



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: 22.89 ng

RT: 14.28 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

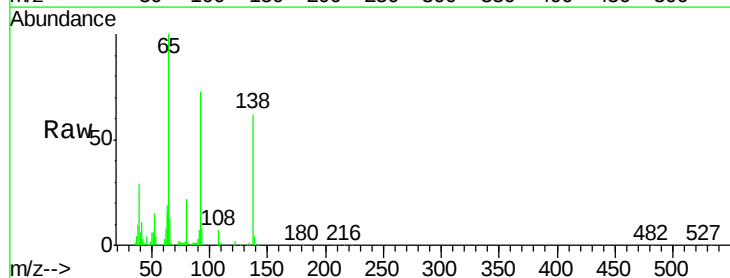
Tgt Ion:138 Resp: 63880

Ion Ratio Lower Upper

138 100

108 10.5 7.6 11.4

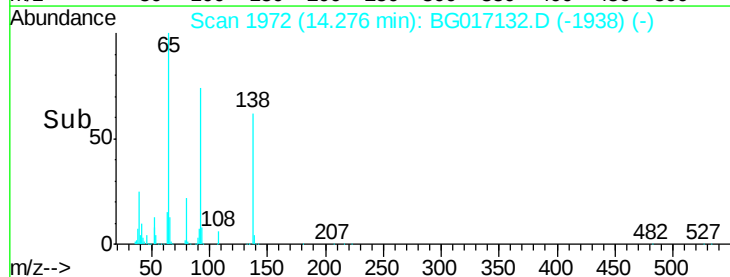
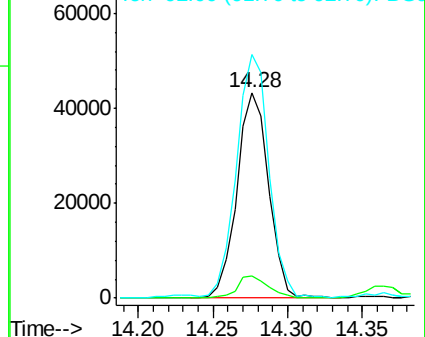
92 118.6 93.6 140.4

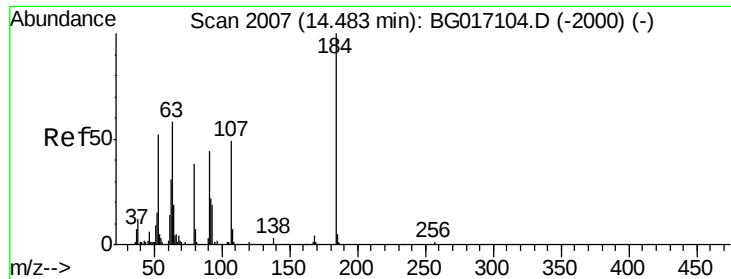


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

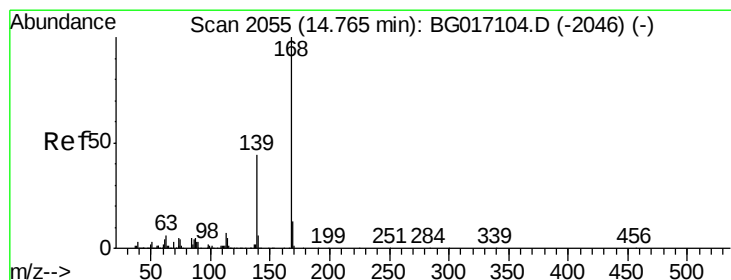
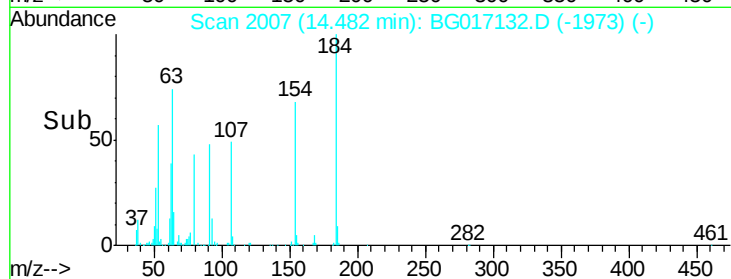
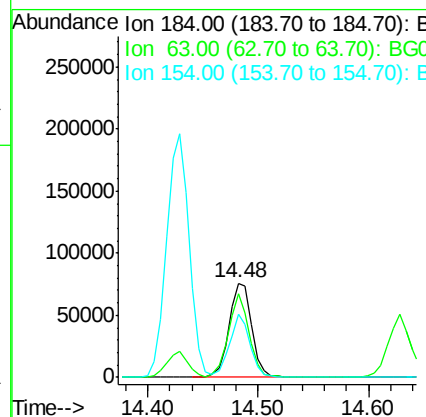
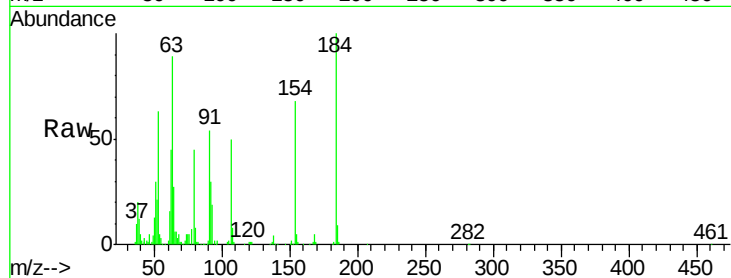




#53
2,4-Dinitrophenol
Concen: 75.62 ng
RT: 14.48 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

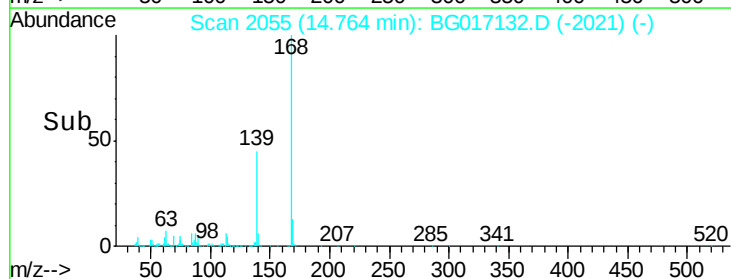
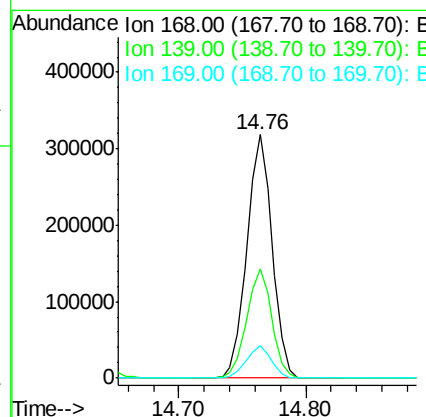
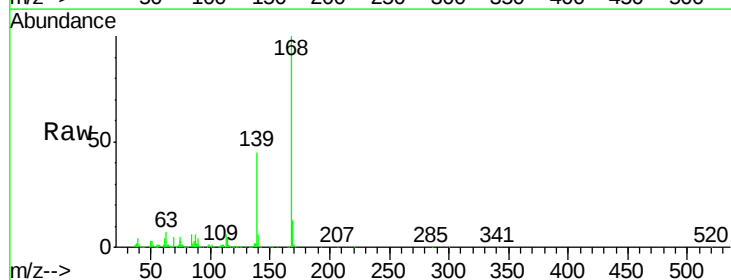
Instrument :
BNA_G
ClientSampleId :
PB83339BS

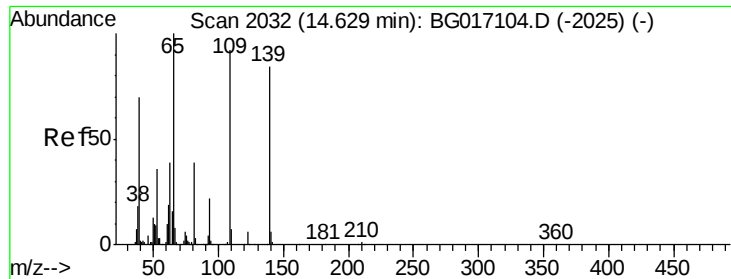
Tgt Ion:184 Resp: 110449
Ion Ratio Lower Upper
184 100
63 88.6 63.6 95.4
154 67.6 47.8 71.6



#54
Dibenzofuran
Concen: 35.17 ng
RT: 14.76 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion:168 Resp: 437987
Ion Ratio Lower Upper
168 100
139 44.6 34.9 52.3
169 13.3 10.5 15.7

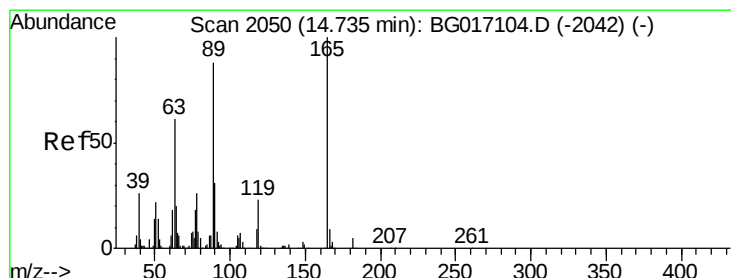
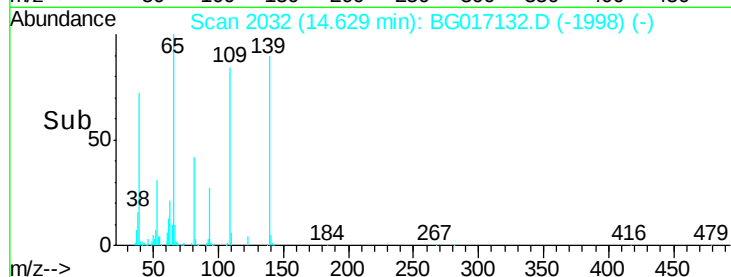
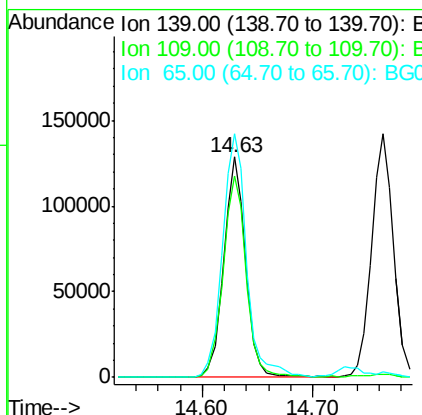
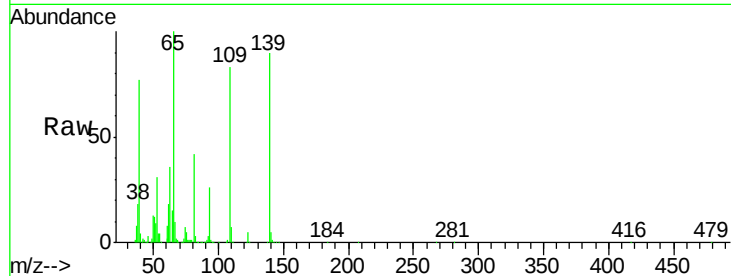




#55
4-Nitrophenol
Concen: 79.04 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

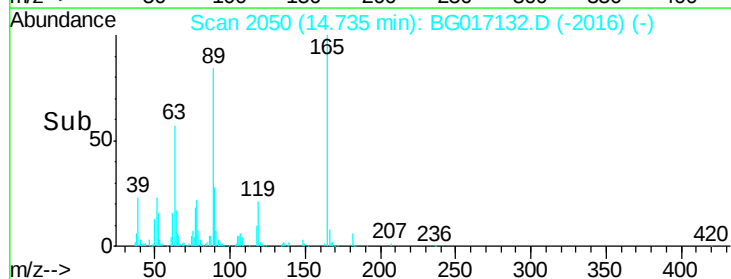
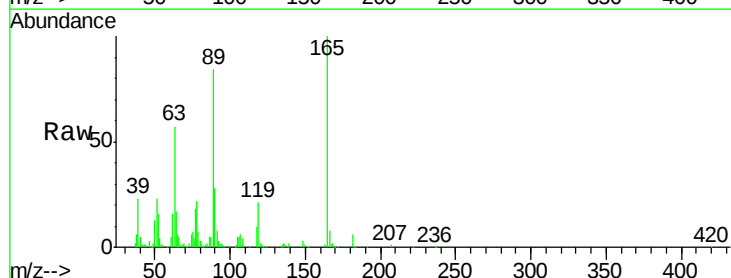
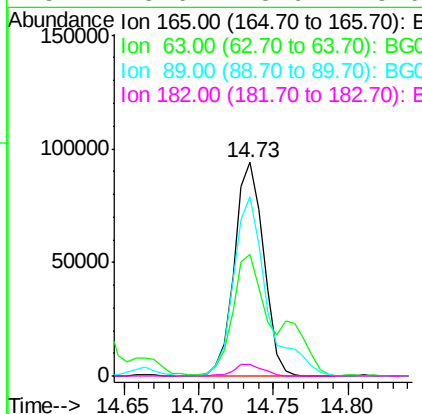
Instrument :
BNA_G
ClientSampleId :
PB83339BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.7	90.5	130.5
65	110.6	99.9	139.9



#56
2,4-Dinitrotoluene
Concen: 36.56 ng
RT: 14.73 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.2	49.0	73.4
89	83.8	70.1	105.1
182	5.6	3.9	5.9





#57

Fluorene

Concen: 34.79 ng

RT: 15.42 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

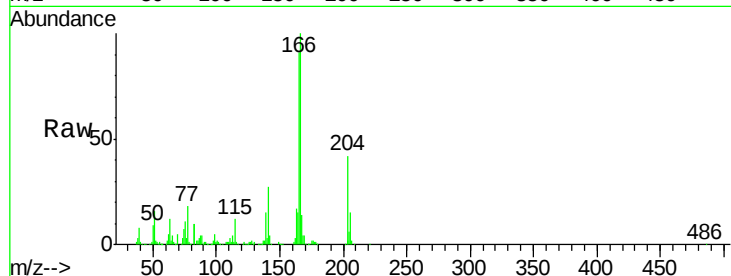
Tgt Ion:166 Resp: 383496

Ion Ratio Lower Upper

166 100

165 91.0 74.2 111.4

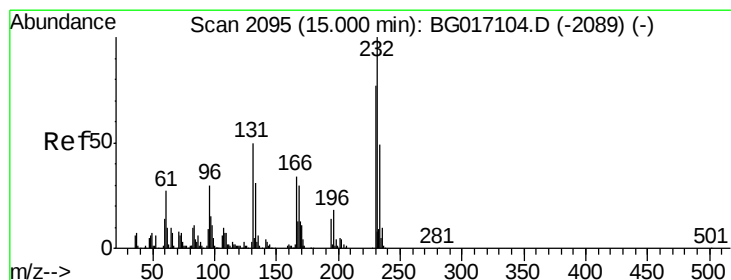
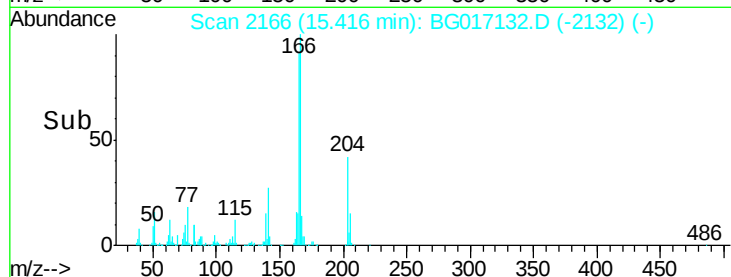
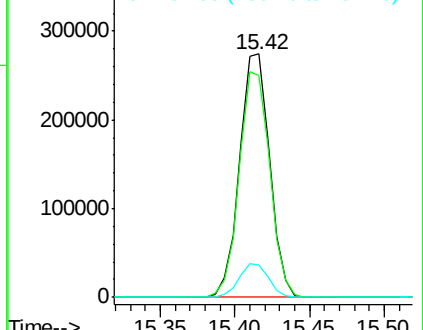
167 13.6 9.8 14.8



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: 35.60 ng

RT: 15.00 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Tgt Ion:232 Resp: 98095

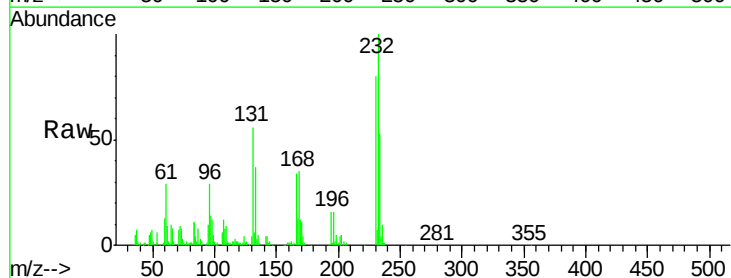
Ion Ratio Lower Upper

232 100

131 54.3 42.7 64.1

130 3.4 3.0 4.4

166 33.2 25.7 38.5

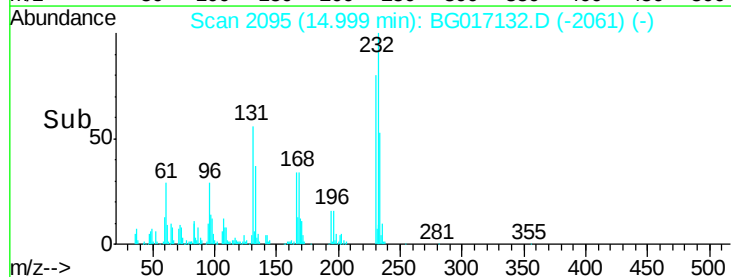
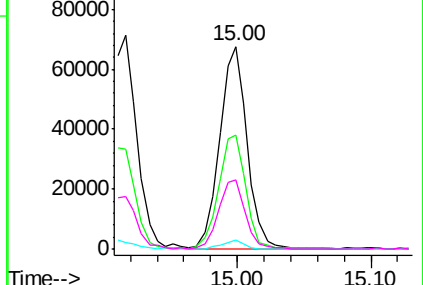


Abundance Ion 232.00 (231.70 to 232.70): E

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

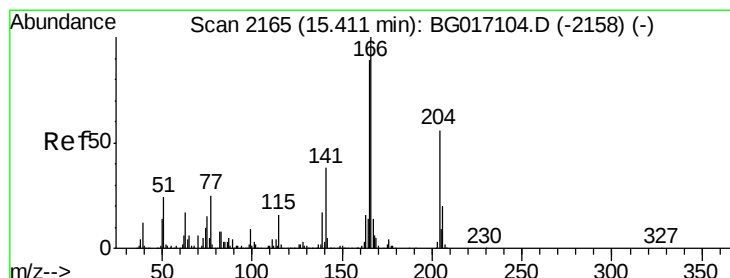
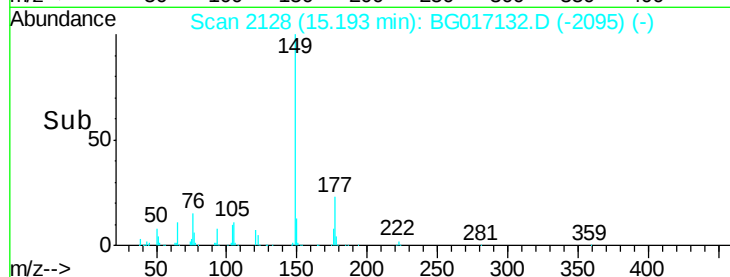
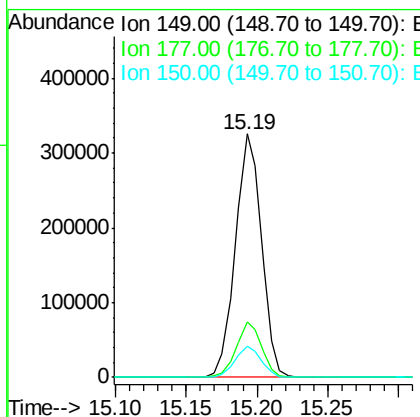
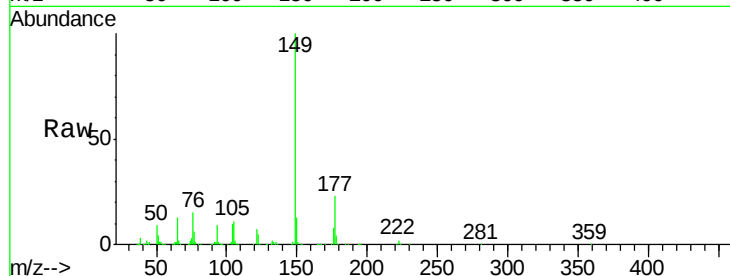




#59
Diethylphthalate
Concen: 34.33 ng
RT: 15.19 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

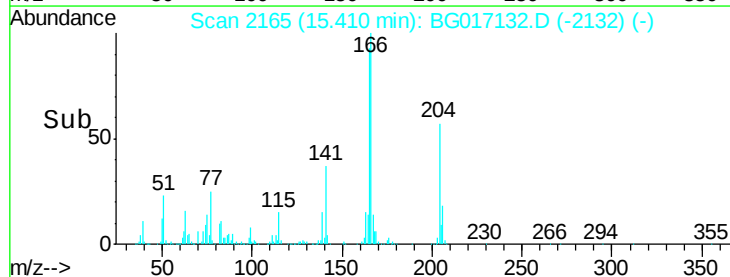
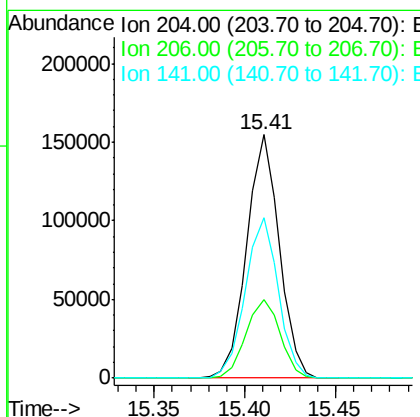
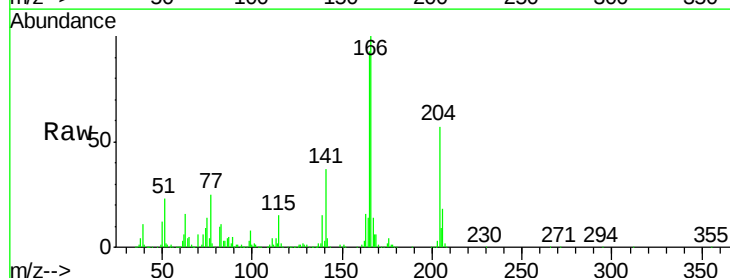
Instrument :
BNA_G
ClientSampleId :
PB83339BS

Tgt Ion:149 Resp: 418639
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.9 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 34.15 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion:204 Resp: 193346
Ion Ratio Lower Upper
204 100
206 32.4 28.6 42.8
141 65.7 54.2 81.2

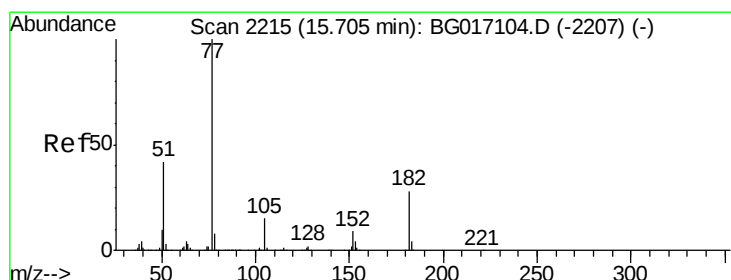
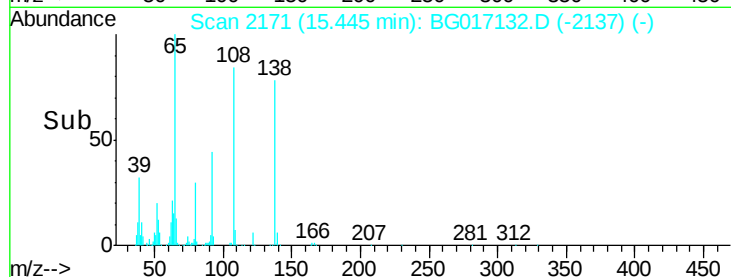
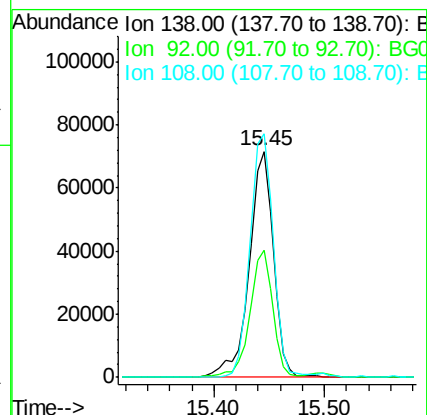
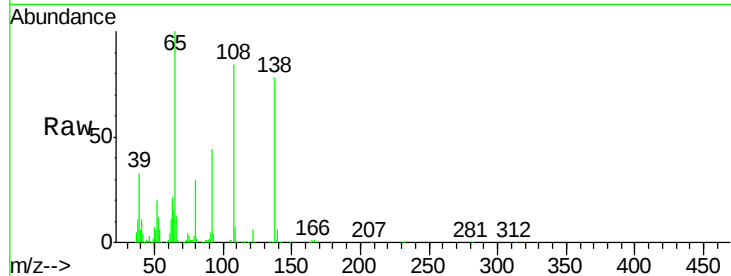




#61
4-Nitroaniline
Concen: 35.75 ng
RT: 15.45 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

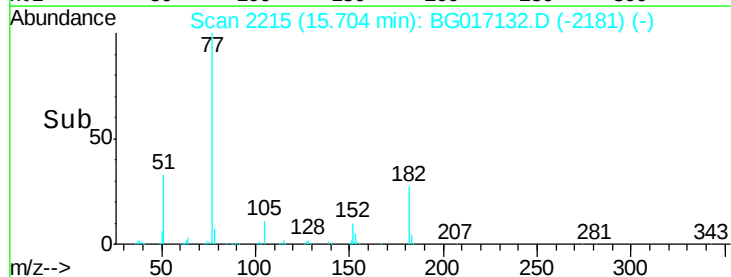
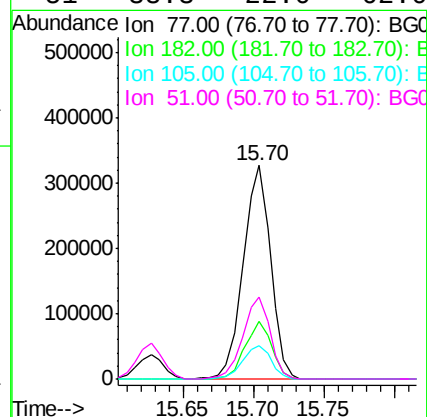
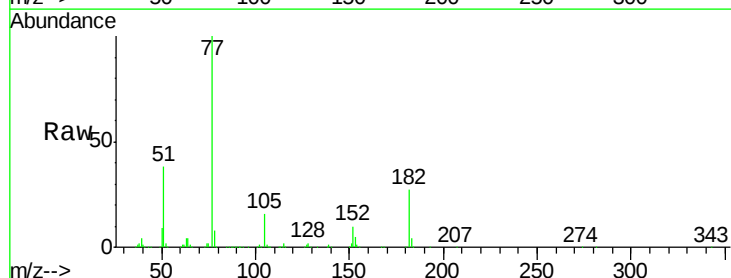
Instrument :
BNA_G
ClientSampled :
PB83339BS

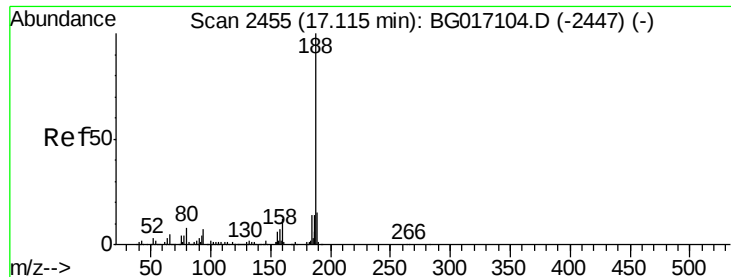
Tgt Ion:138 Resp: 111333
Ion Ratio Lower Upper
138 100
92 56.5 34.9 74.9
108 107.8 95.8 135.8



#62
Azobenzene
Concen: 38.01 ng
RT: 15.70 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion: 77 Resp: 442823
Ion Ratio Lower Upper
77 100
182 26.7 8.1 48.1
105 15.9 0.0 34.8
51 38.3 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: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

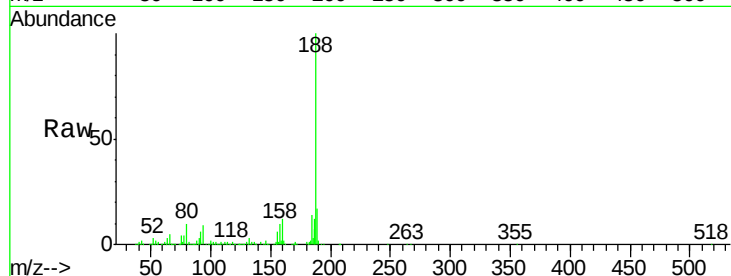
Tgt Ion:188 Resp: 332733

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

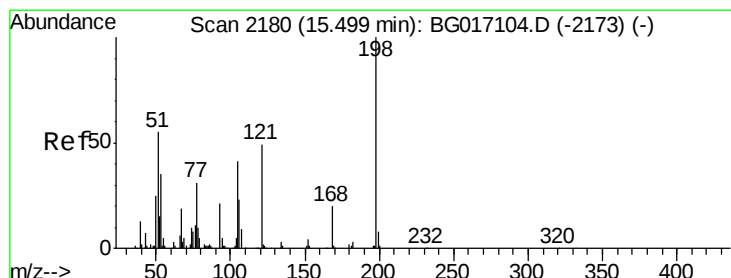
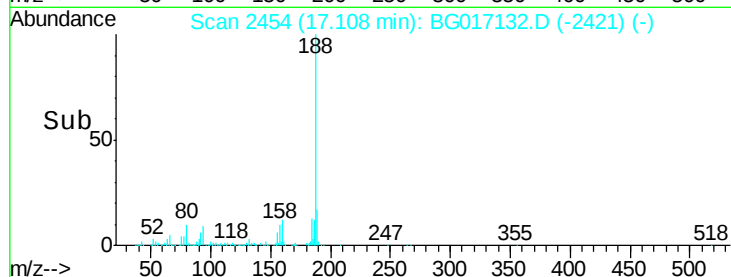
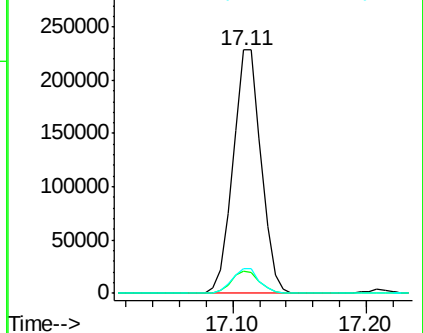
80 10.4 6.5 9.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.53 ng

RT: 15.50 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

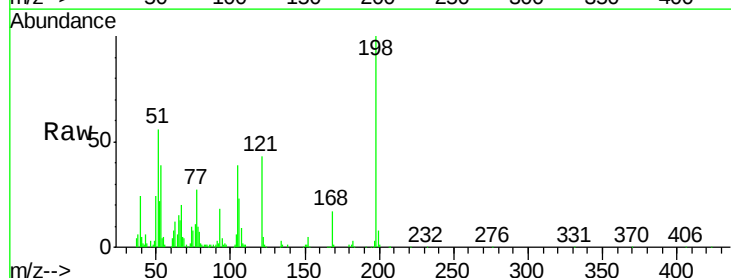
Tgt Ion:198 Resp: 78750

Ion Ratio Lower Upper

198 100

51 55.5 39.9 79.9

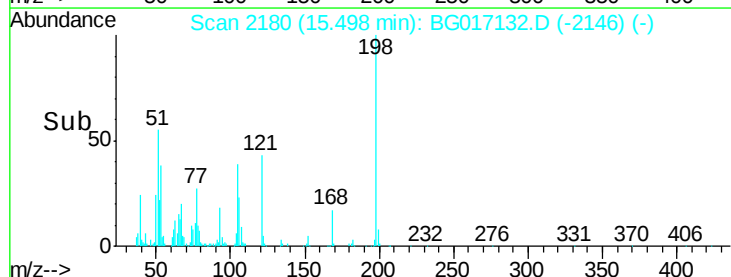
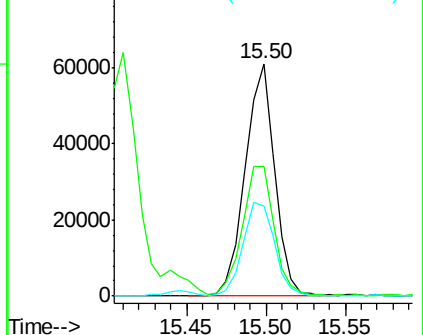
105 38.8 22.0 62.0

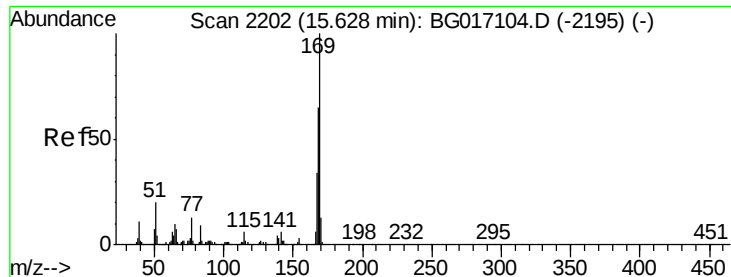


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.69 ng

RT: 15.63 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

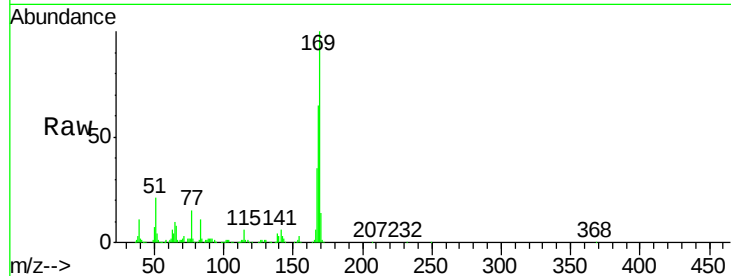
Tgt Ion:169 Resp: 344180

Ion Ratio Lower Upper

169 100

168 65.2 51.7 77.5

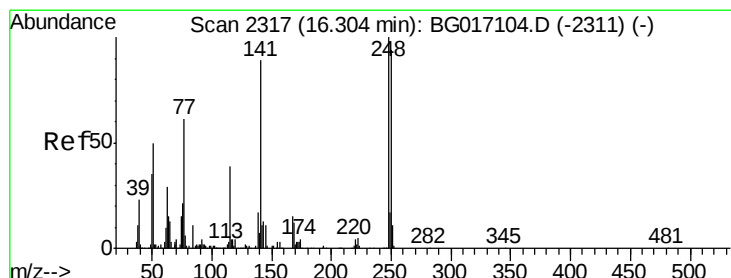
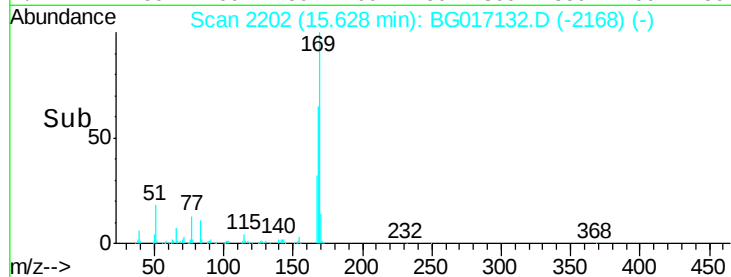
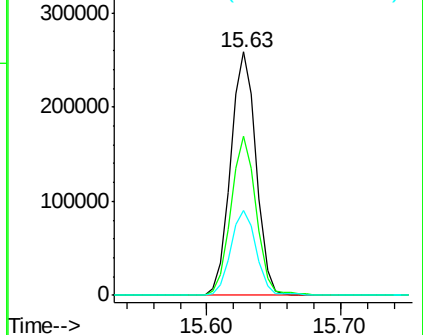
167 35.0 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.91 ng

RT: 16.30 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

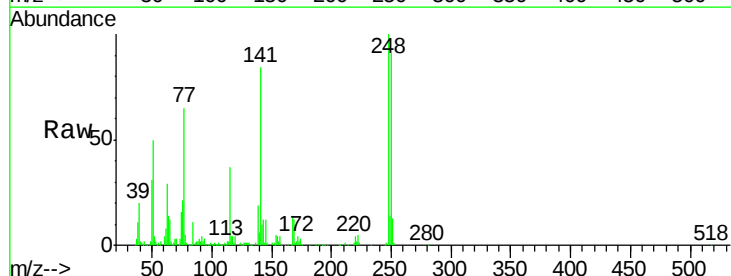
Tgt Ion:248 Resp: 119437

Ion Ratio Lower Upper

248 100

250 90.6 75.0 112.4

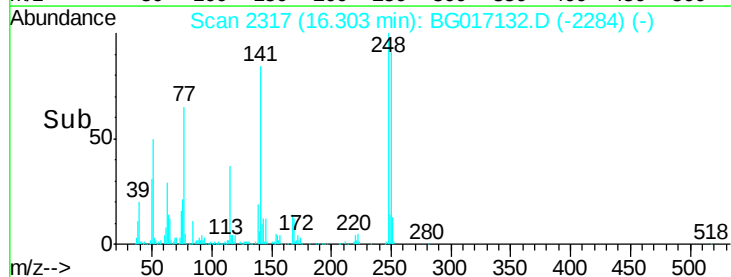
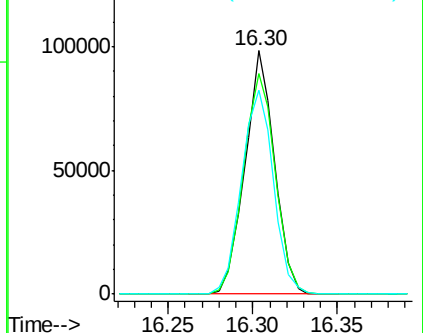
141 83.7 71.3 106.9

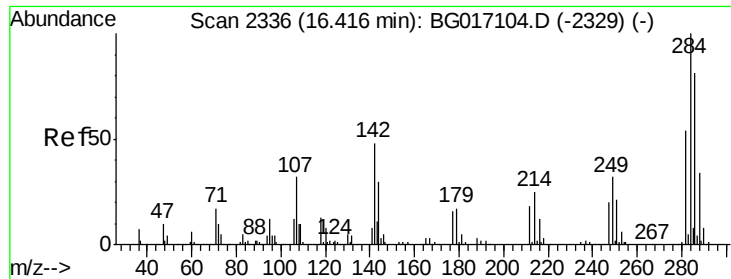


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.79 ng

RT: 16.41 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

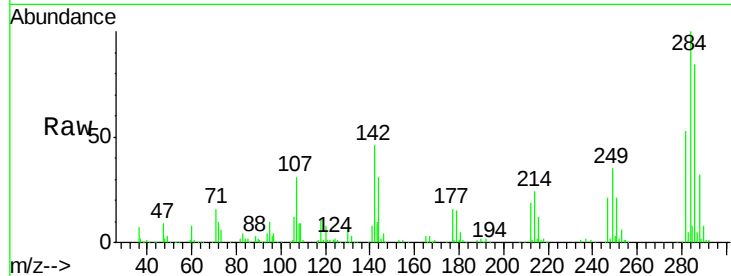
Tgt Ion:284 Resp: 125567

Ion Ratio Lower Upper

284 100

142 45.9 38.2 57.2

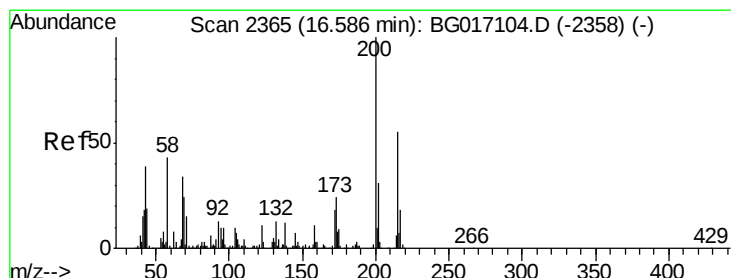
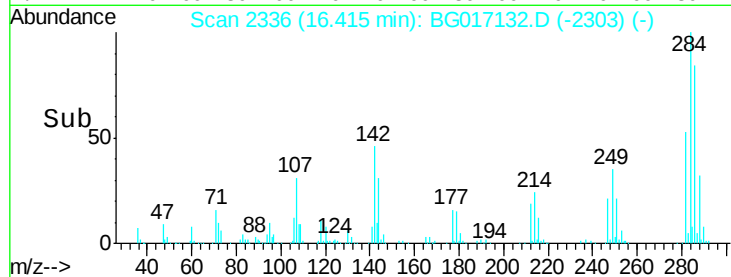
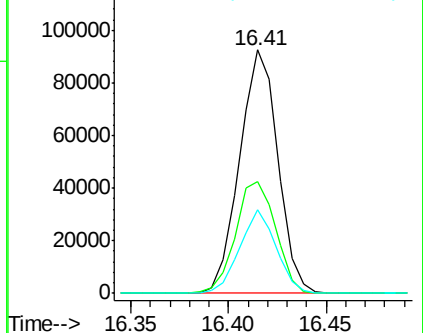
249 34.6 25.2 37.8



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: 36.67 ng

RT: 16.58 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

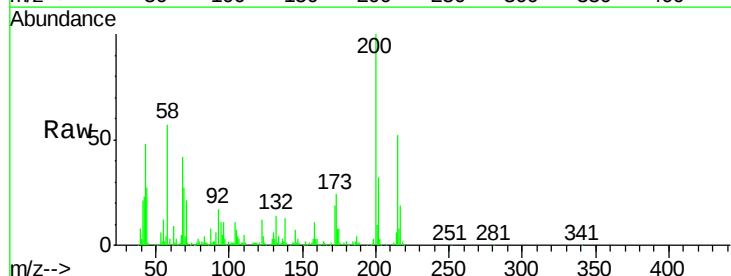
Tgt Ion:200 Resp: 137037

Ion Ratio Lower Upper

200 100

173 24.2 3.7 43.7

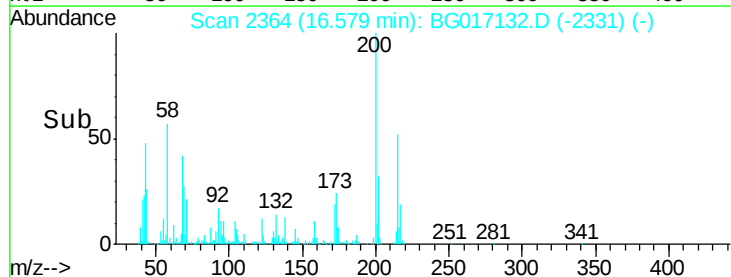
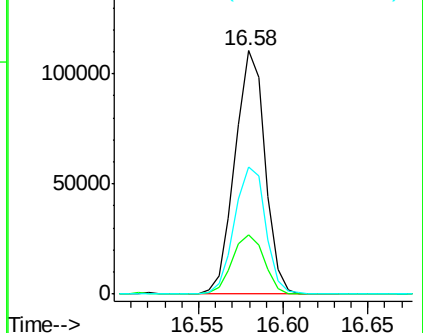
215 52.1 35.5 75.5

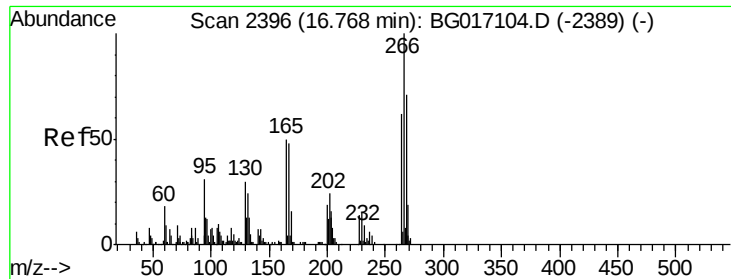


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.48 ng

RT: 16.77 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

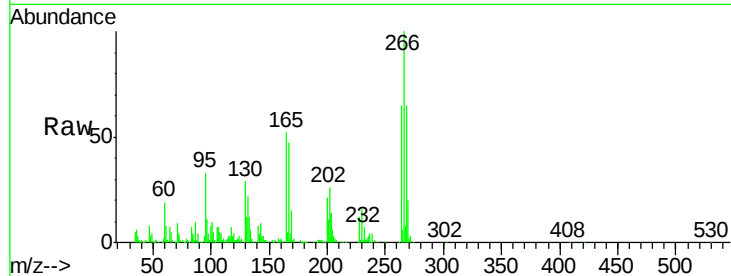
Tgt Ion:266 Resp: 170877

Ion Ratio Lower Upper

266 100

268 65.0 56.6 84.8

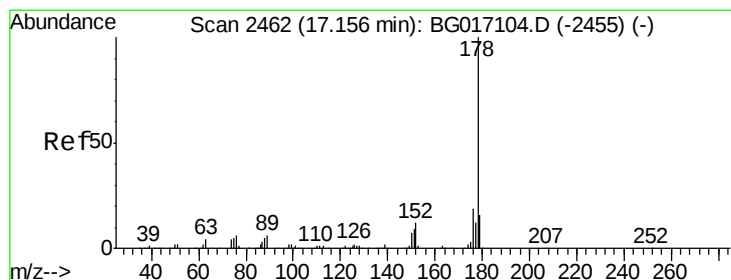
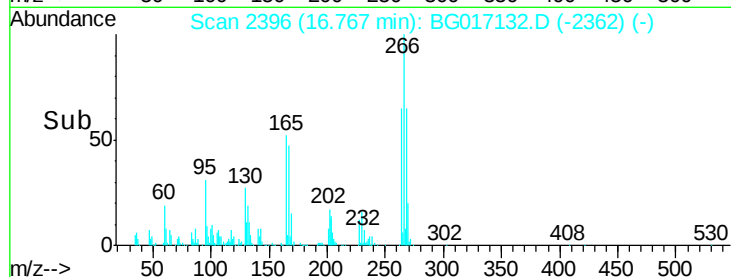
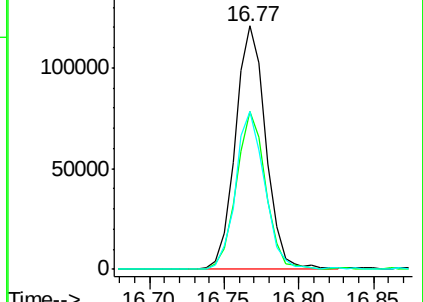
264 65.1 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 34.96 ng

RT: 17.16 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

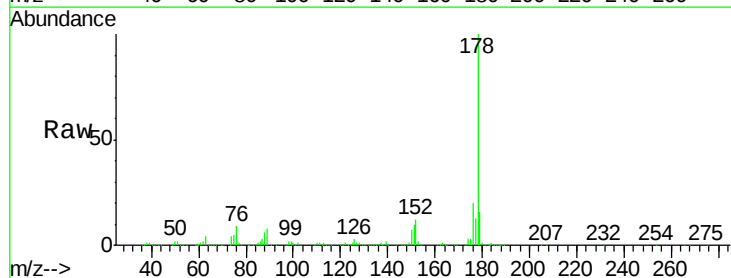
Tgt Ion:178 Resp: 599853

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

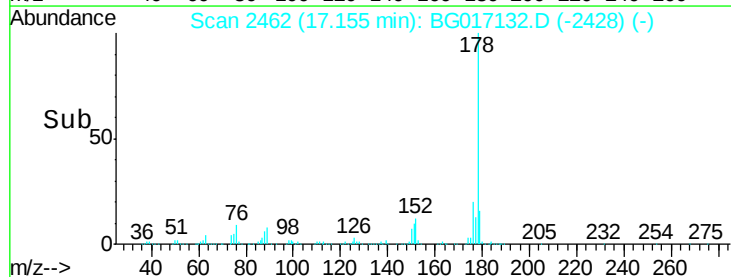
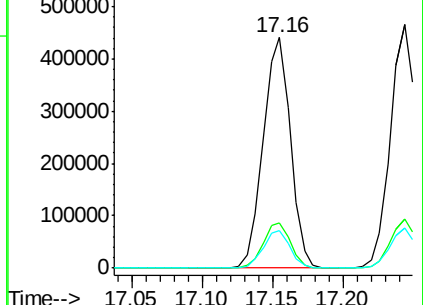
179 16.0 12.5 18.7

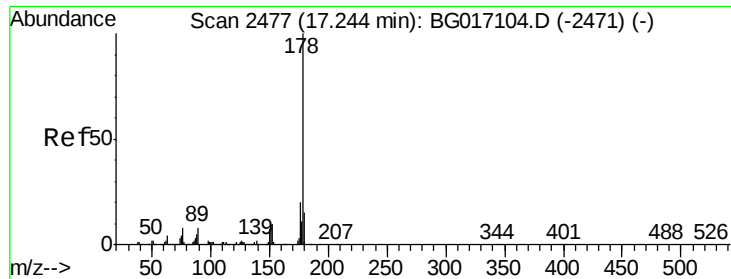


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

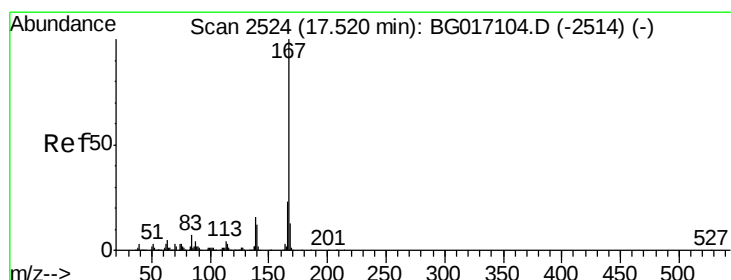
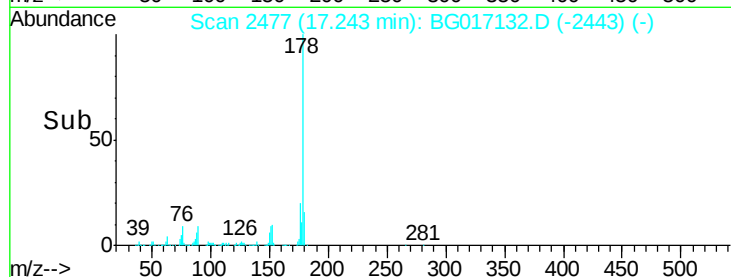
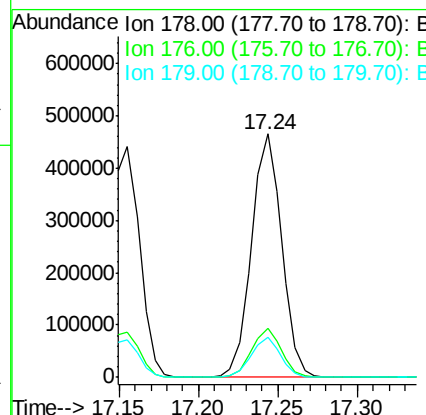
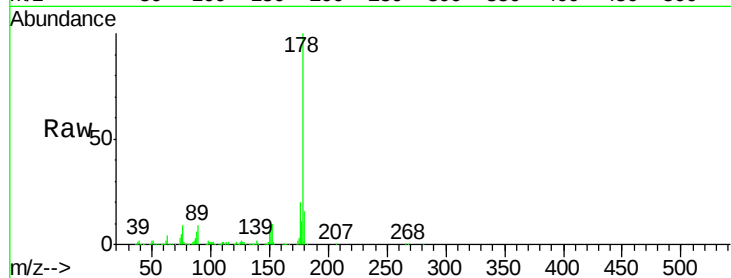




#71
 Anthracene
 Concen: 35.35 ng
 RT: 17.24 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

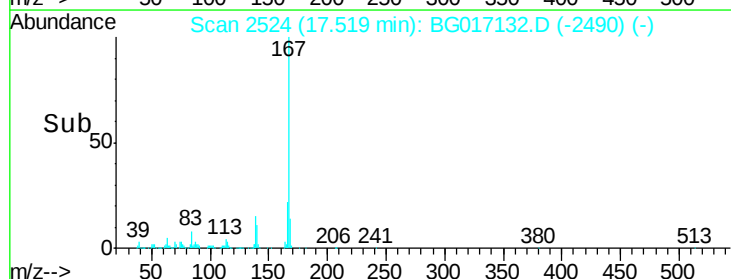
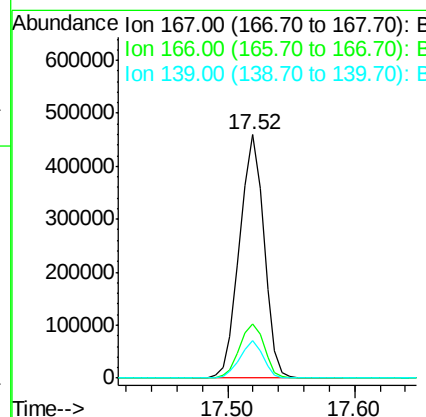
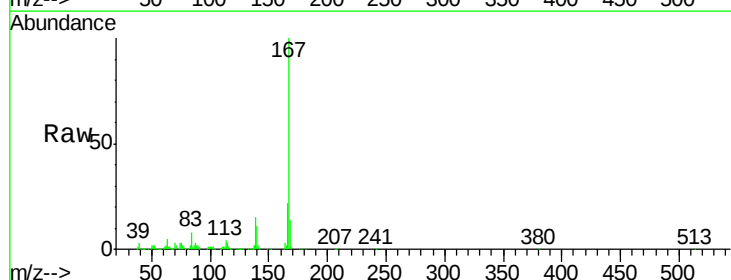
Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

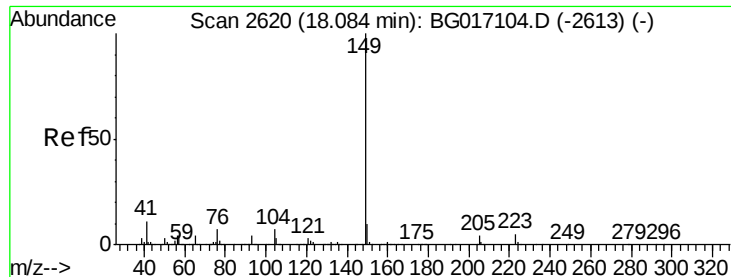
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	16.4	12.1	18.1



#72
 Carbazole
 Concen: 38.25 ng
 RT: 17.52 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.4	27.6
139	15.4	13.0	19.4

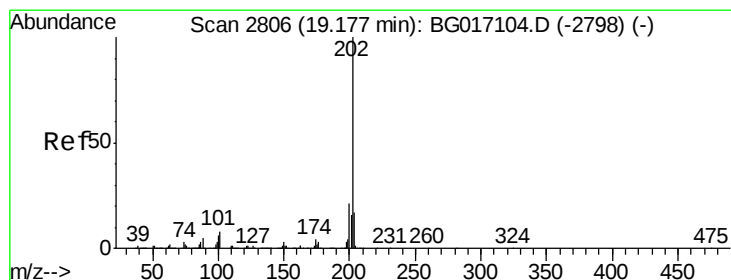
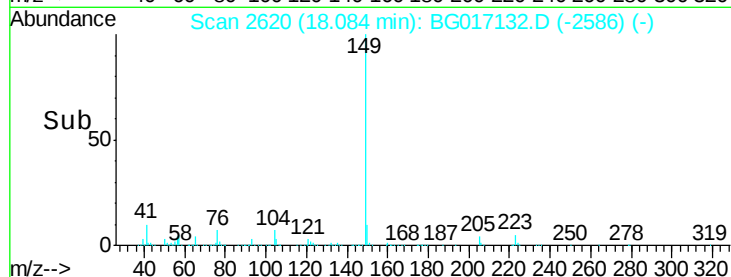
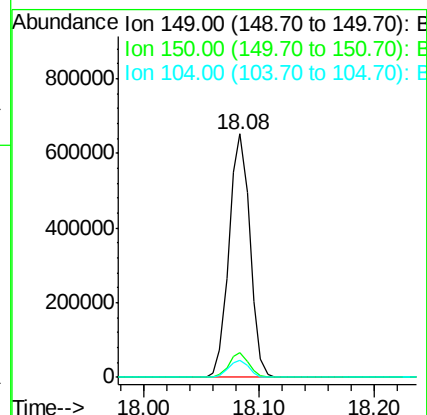
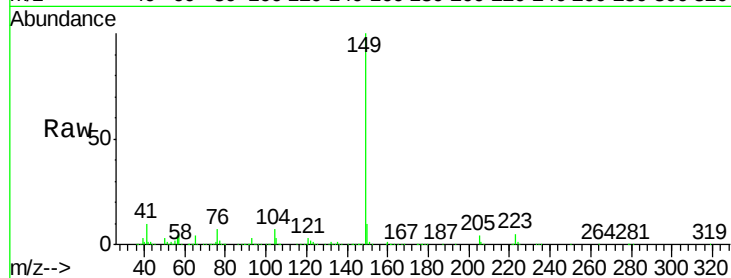




#73
Di-n-butylphthalate
Concen: 38.16 ng
RT: 18.08 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

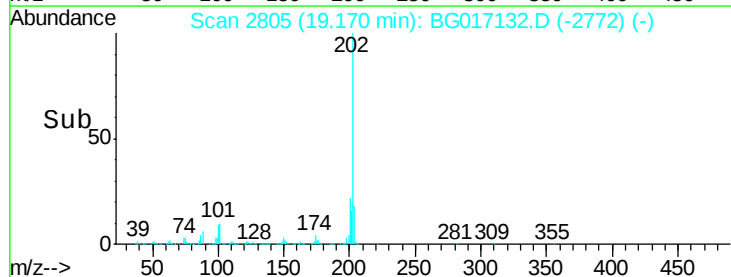
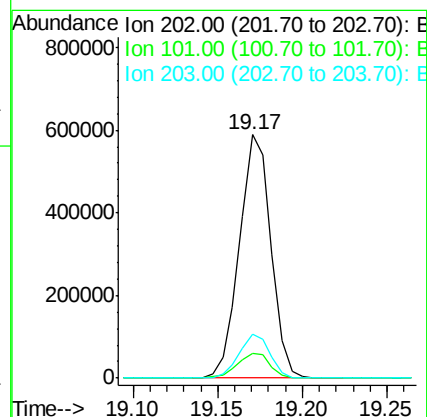
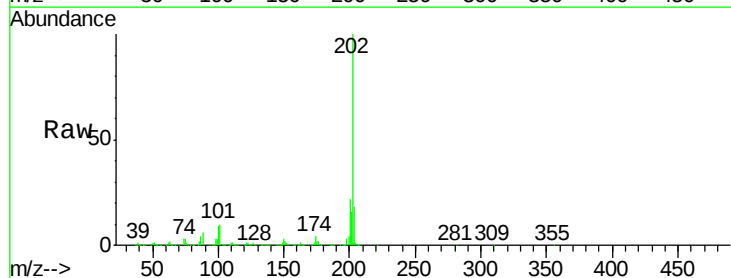
Instrument :
BNA_G
ClientSampleId :
PB83339BS

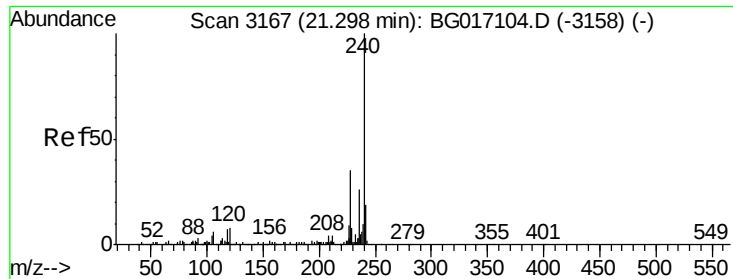
Tgt Ion:149 Resp: 815751
Ion Ratio Lower Upper
149 100
150 10.2 8.2 12.4
104 6.9 5.7 8.5



#74
Fluoranthene
Concen: 37.06 ng
RT: 19.17 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG017132.D
Acq: 14 May 2015 6:11

Tgt Ion:202 Resp: 763593
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.3
203 18.1 0.0 37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

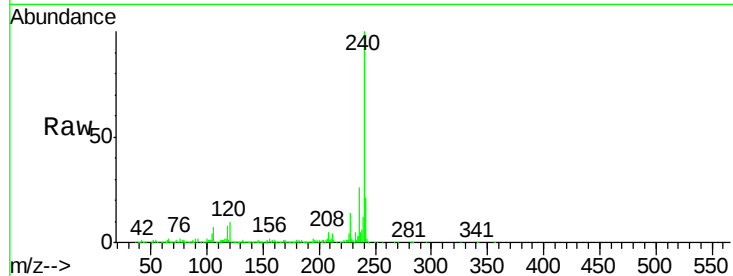
Tgt Ion:240 Resp: 365599

Ion Ratio Lower Upper

240 100

120 9.8 6.0 9.0#

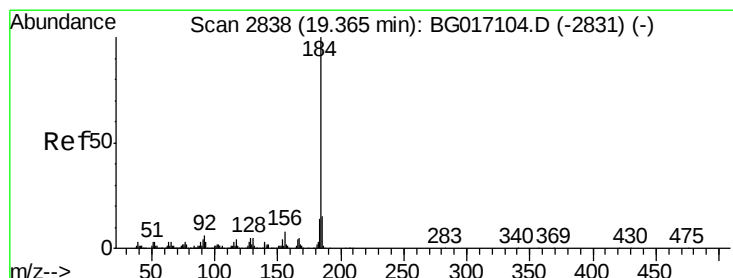
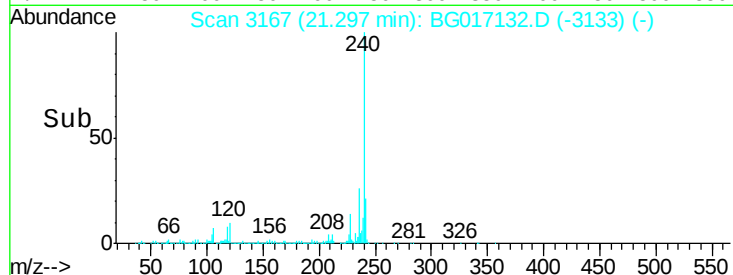
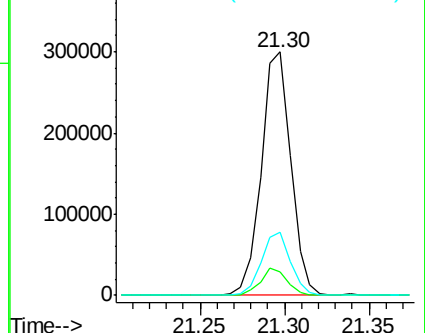
236 25.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.05 ng

RT: 19.36 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

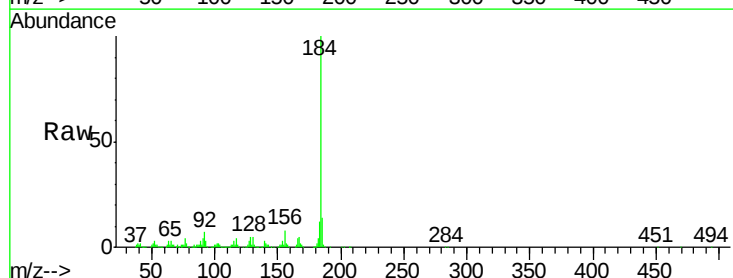
Tgt Ion:184 Resp: 418370

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

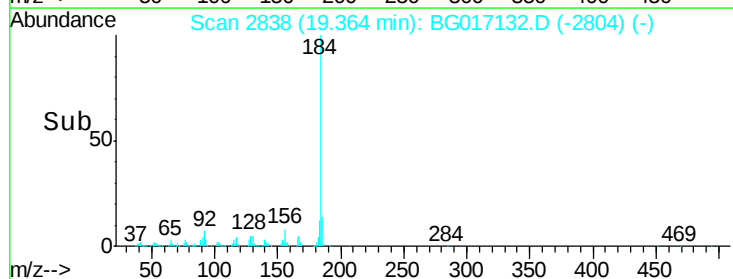
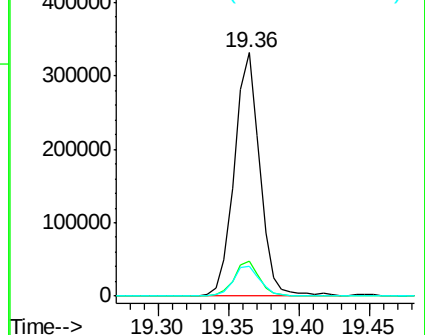
183 12.4 11.4 17.2



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

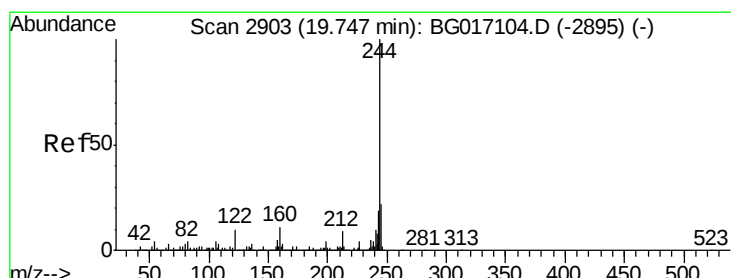
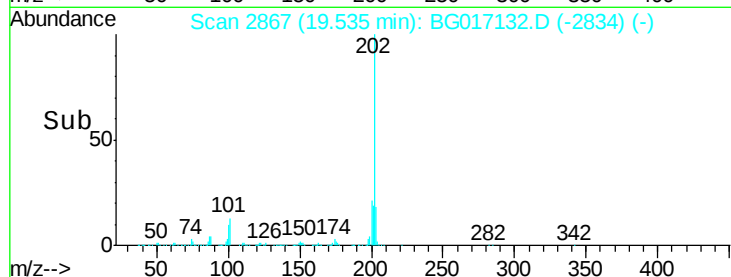
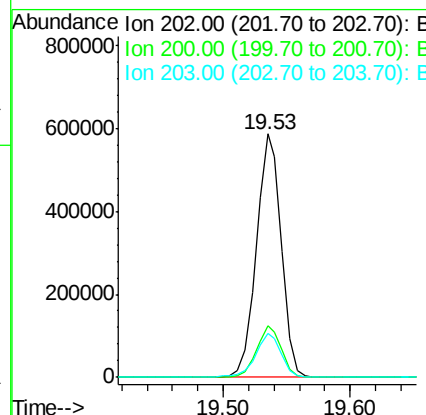
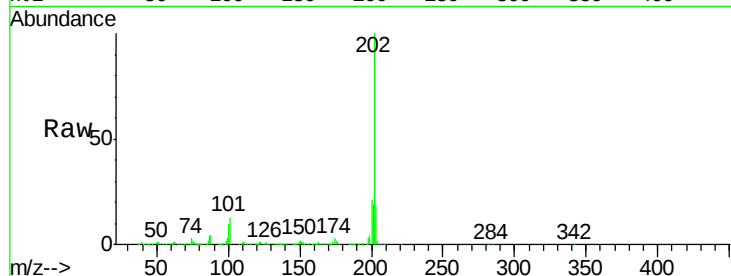




#77
 Pyrene
 Concen: 35.56 ng
 RT: 19.53 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

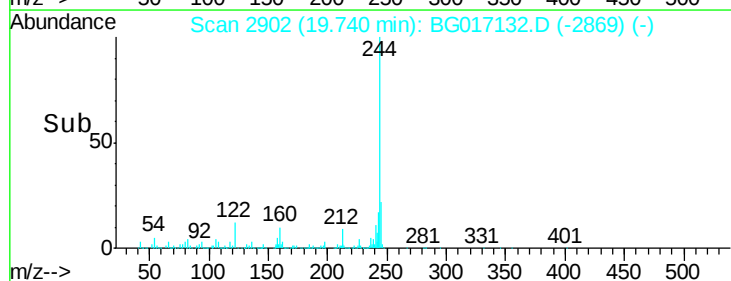
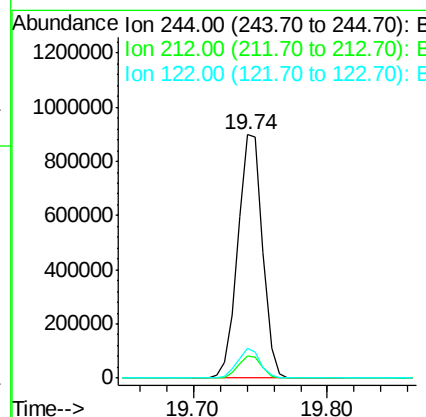
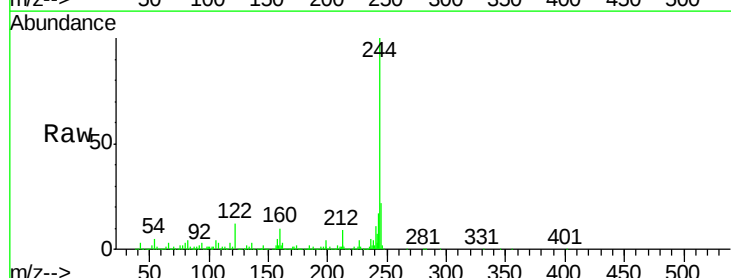
Instrument :
 BNA_G
 ClientSampleId :
 PB83339BS

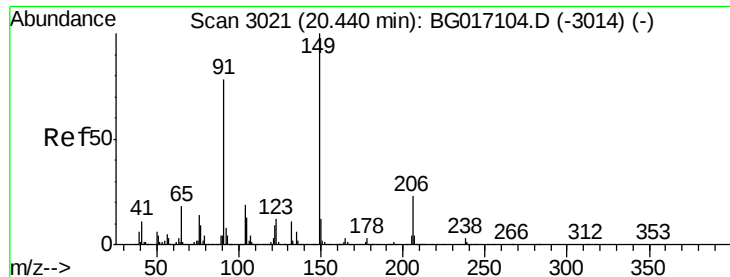
Tgt Ion:	202	Resp:	797669
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.8
203	18.2	14.4	21.6



#78
 Terphenyl-d14
 Concen: 66.11 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.00 min
 Lab File: BG017132.D
 Acq: 14 May 2015 6:11

Tgt Ion:	244	Resp:	1159849
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	12.1	8.4	12.6





#79

Butylbenzylphthalate

Concen: 35.70 ng

RT: 20.44 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

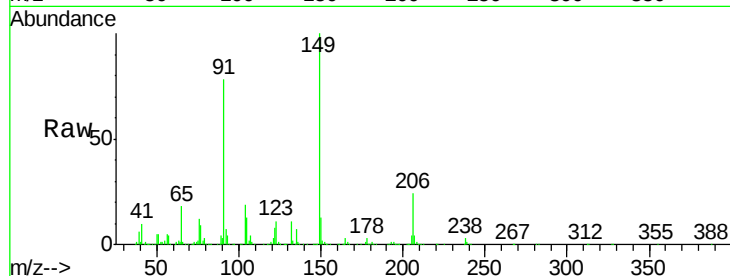
Tgt Ion:149 Resp: 364087

Ion Ratio Lower Upper

149 100

91 77.6 62.0 93.0

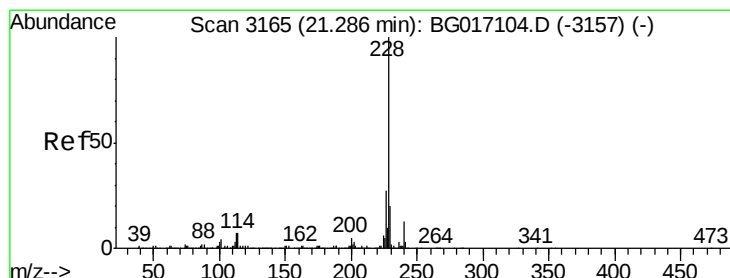
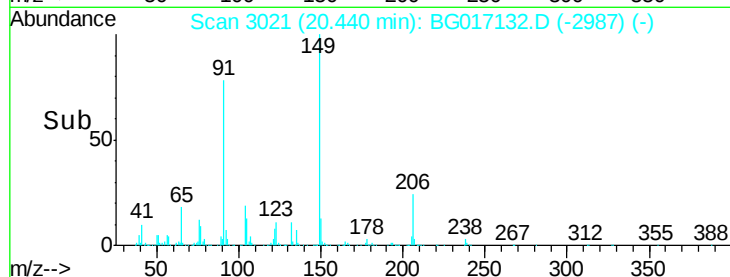
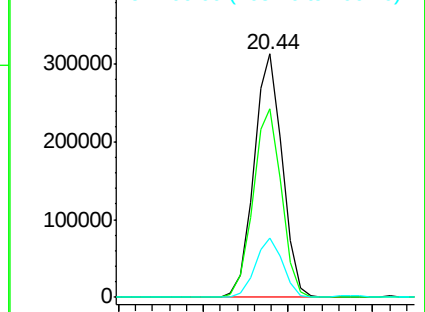
206 24.2 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.88 ng

RT: 21.28 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

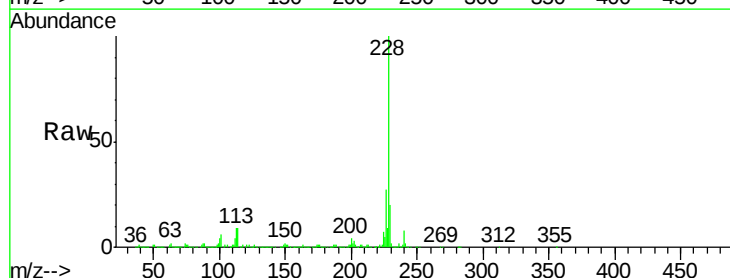
Tgt Ion:228 Resp: 730677

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

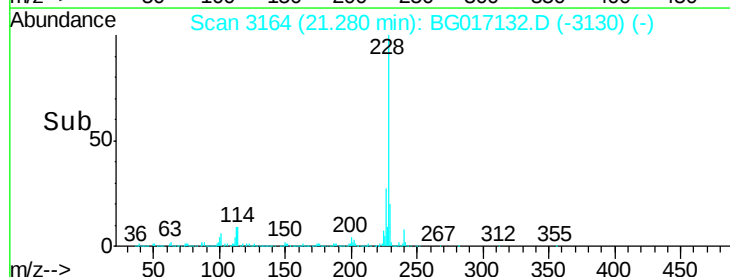
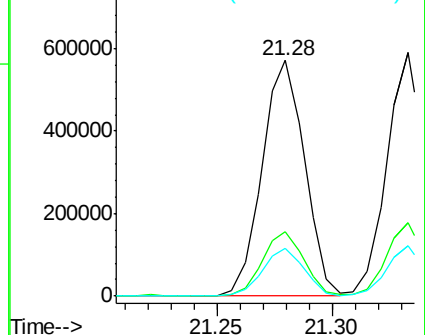
229 20.1 16.1 24.1

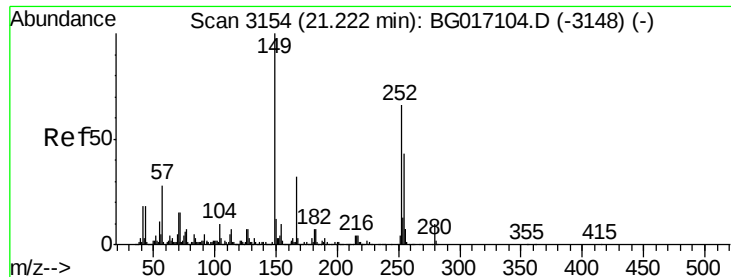


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 19.90 ng

RT: 21.22 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

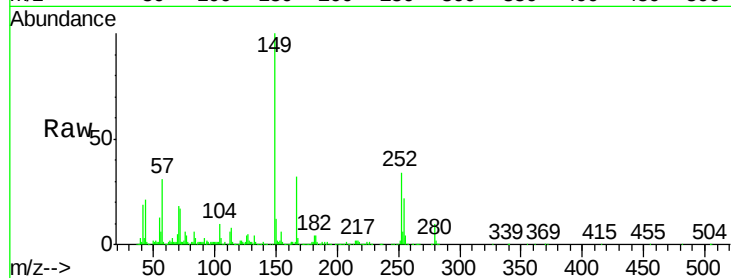
Tgt Ion:252 Resp: 161379

Ion Ratio Lower Upper

252 100

254 66.3 52.1 78.1

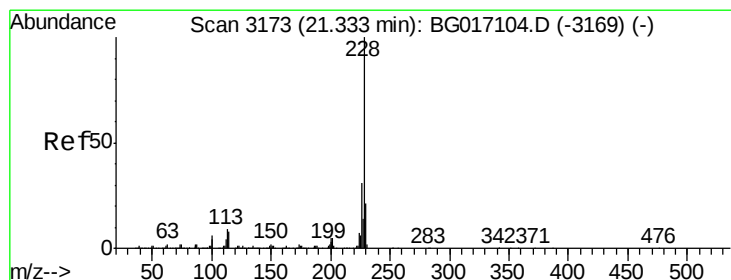
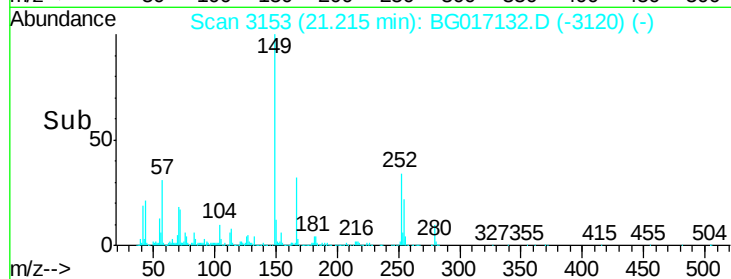
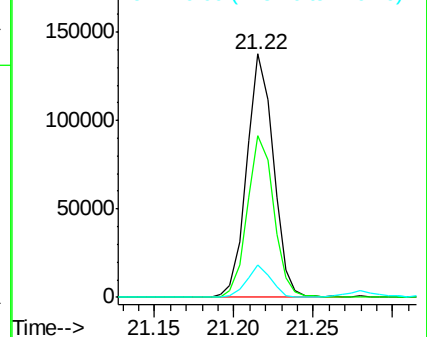
126 13.2 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.79 ng

RT: 21.33 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

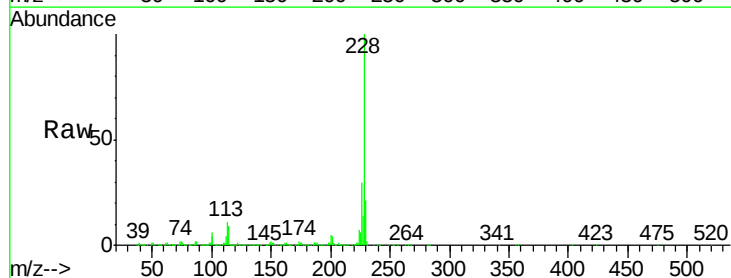
Tgt Ion:228 Resp: 678821

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

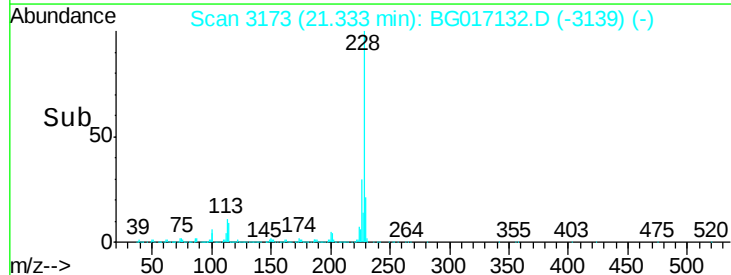
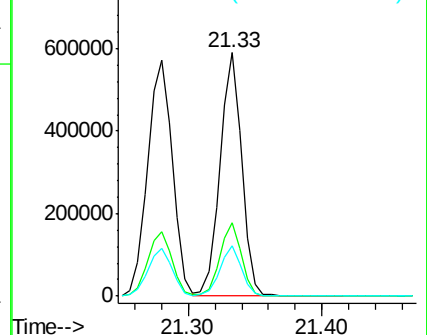
229 20.7 17.0 25.6

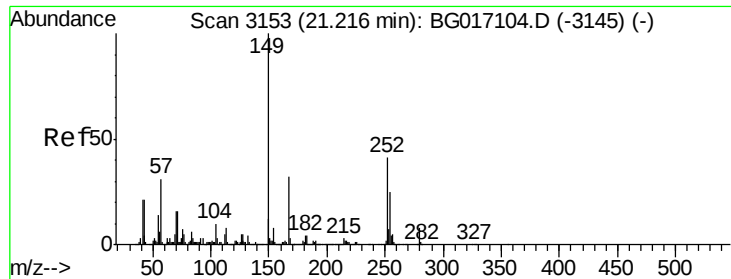


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.27 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

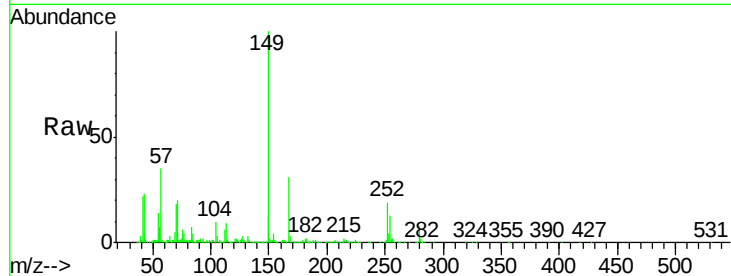
Tgt Ion:149 Resp: 496688

Ion Ratio Lower Upper

149 100

167 31.2 25.4 38.2

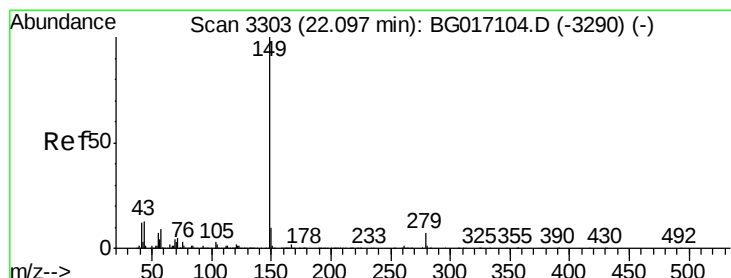
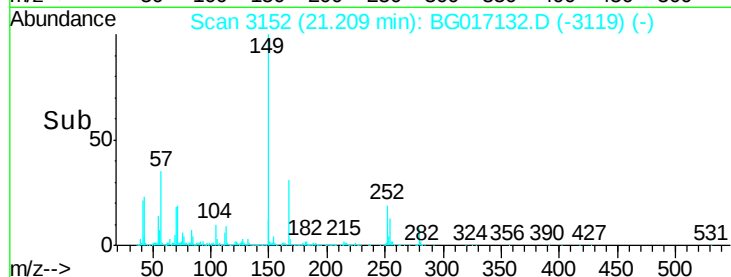
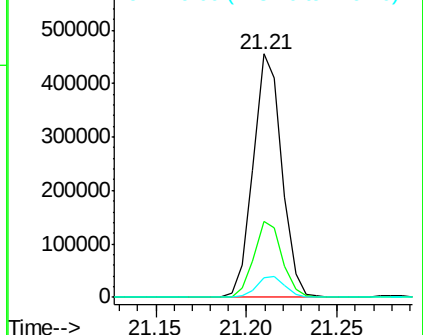
279 8.0 6.8 10.2



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: 35.23 ng

RT: 22.10 min Scan# 3303

Delta R.T. 0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

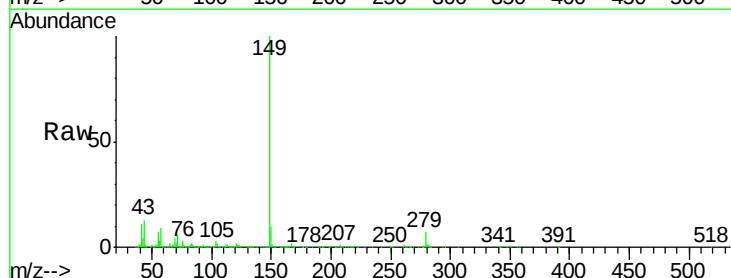
Tgt Ion:149 Resp: 850110

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

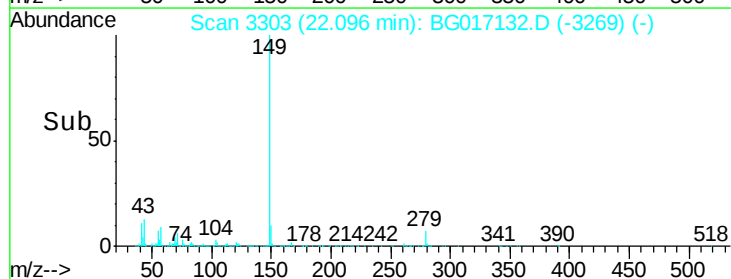
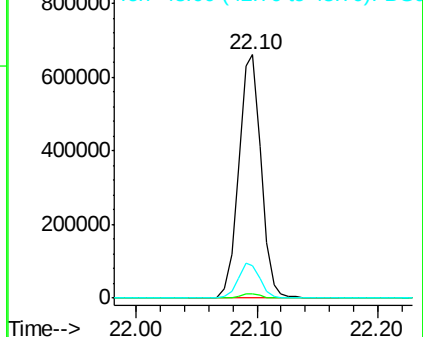
43 13.9 10.9 16.3



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: 33.80 ng

RT: 25.88 min Scan# 3947

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

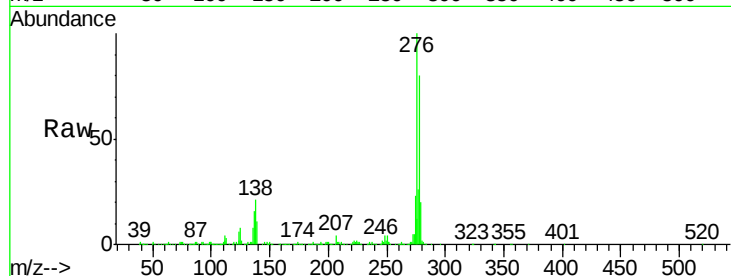
Tgt Ion:276 Resp: 789353

Ion Ratio Lower Upper

276 100

138 23.6 16.0 24.0

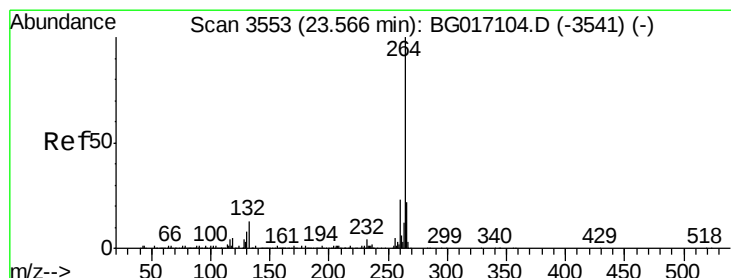
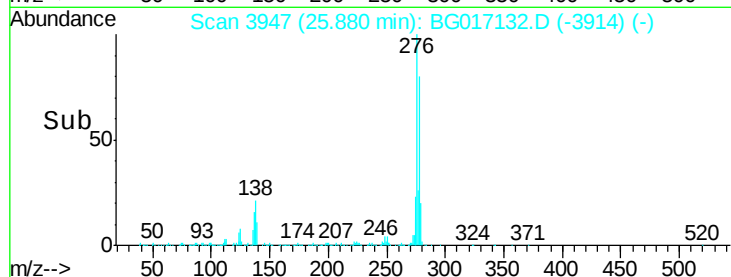
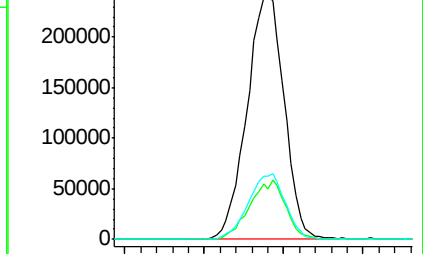
277 26.7 20.9 31.3



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: BG017132.D

Acq: 14 May 2015 6:11

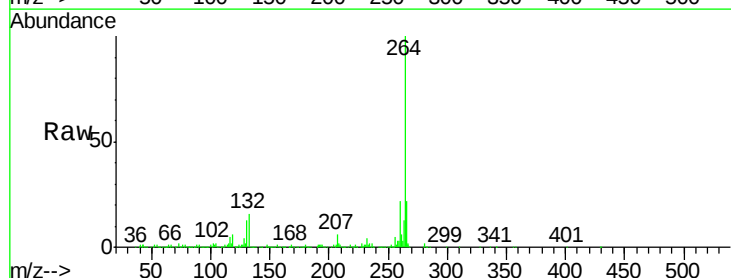
Tgt Ion:264 Resp: 354235

Ion Ratio Lower Upper

264 100

260 22.1 18.0 27.0

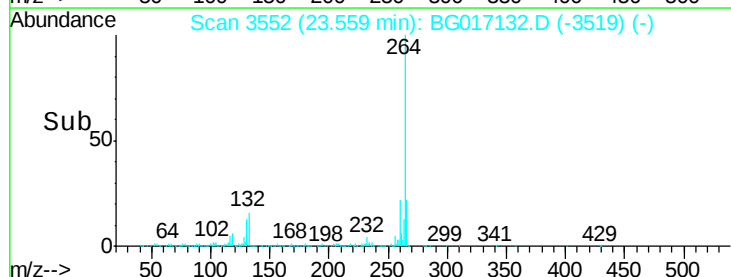
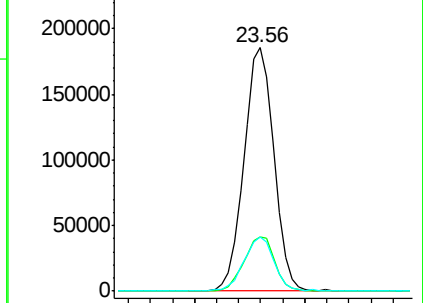
265 22.2 17.4 26.0

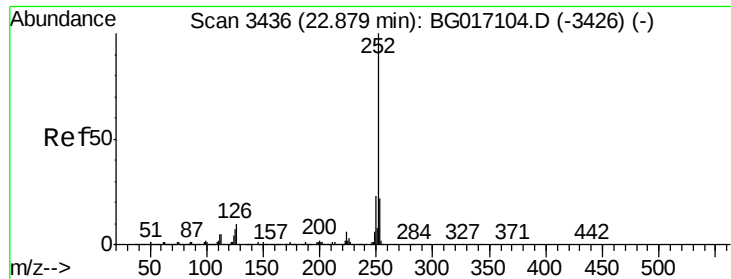


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.27 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

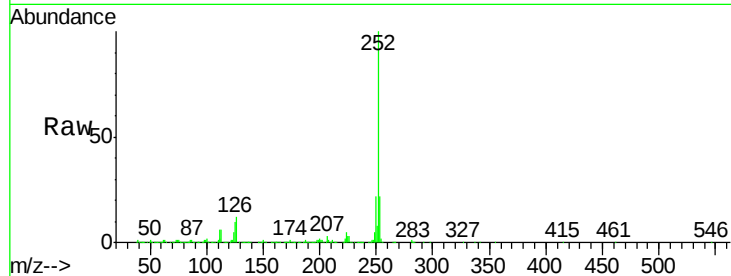
Tgt Ion:252 Resp: 707600

Ion Ratio Lower Upper

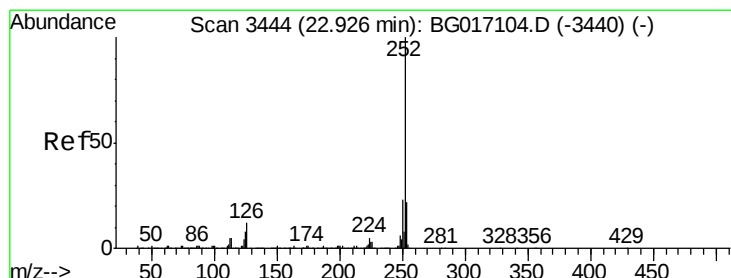
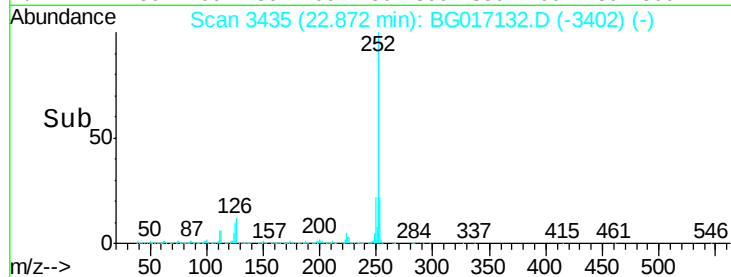
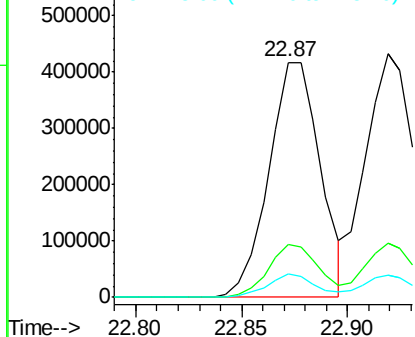
252 100

253 22.5 17.4 26.2

125 9.8 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: 35.43 ng

RT: 22.92 min Scan# 3443

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

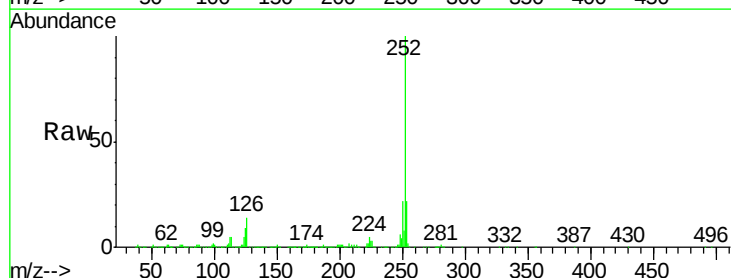
Tgt Ion:252 Resp: 694613

Ion Ratio Lower Upper

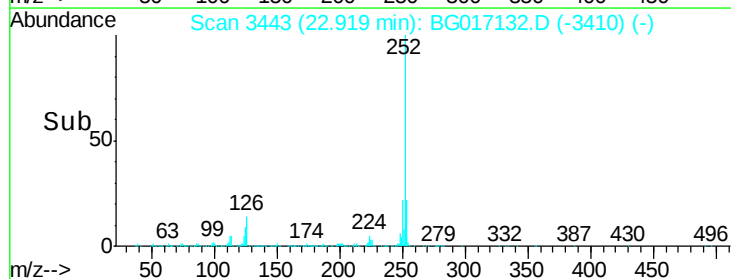
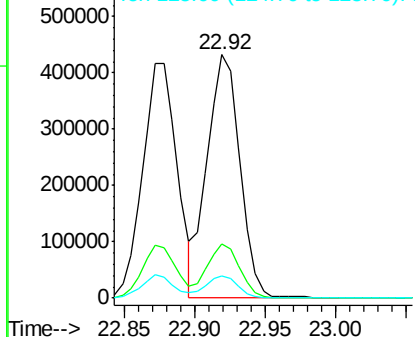
252 100

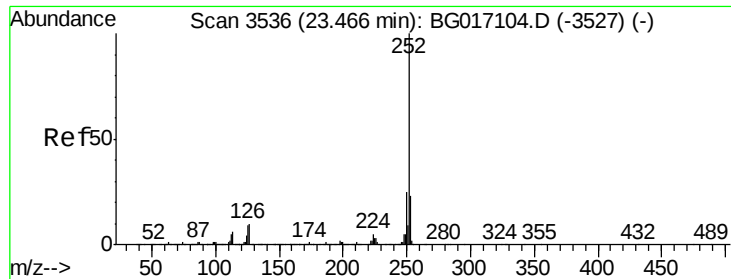
253 22.0 17.8 26.6

125 9.3 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: 36.27 ng

RT: 23.46 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

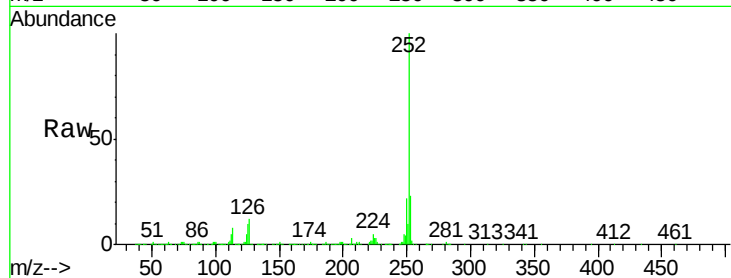
Tgt Ion:252 Resp: 687753

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

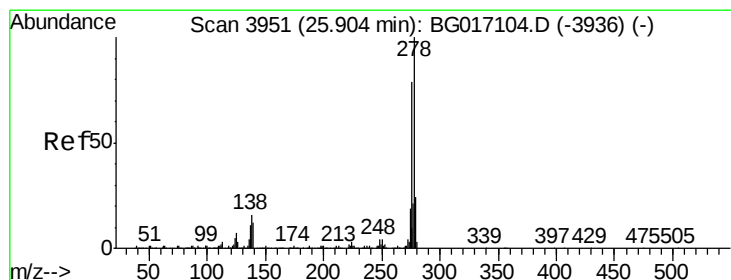
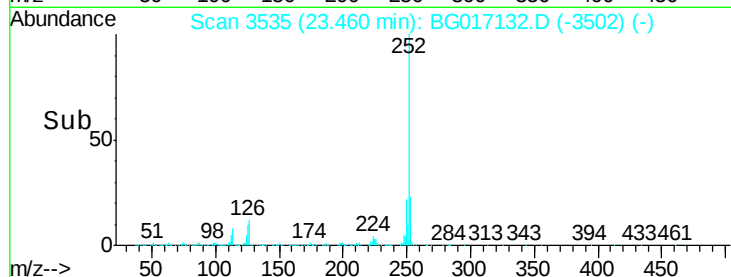
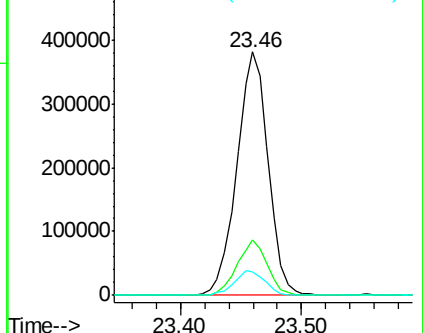
125 9.8 7.2 10.8



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: 34.41 ng

RT: 25.89 min Scan# 3949

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

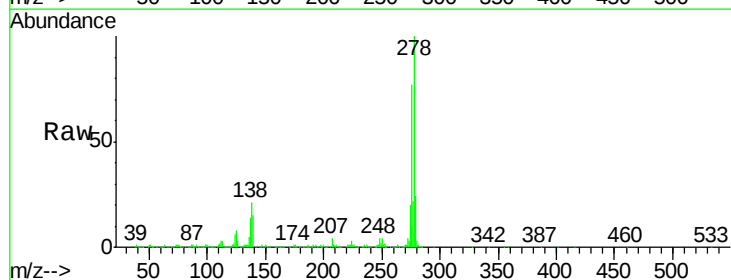
Tgt Ion:278 Resp: 669941

Ion Ratio Lower Upper

278 100

139 14.6 9.4 14.2#

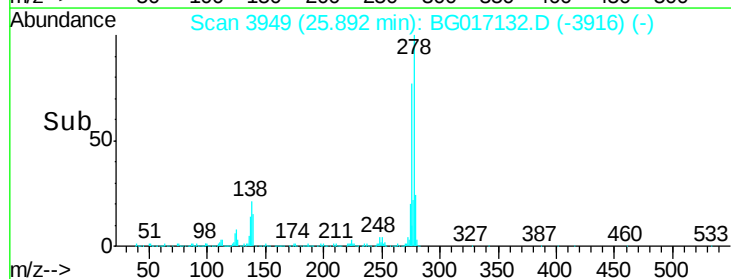
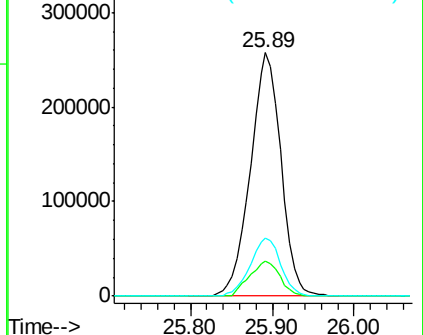
279 23.7 19.1 28.7

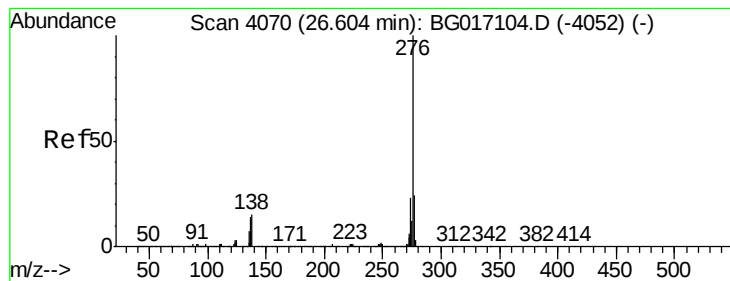


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.97 ng

RT: 26.59 min Scan# 4068

Delta R.T. -0.00 min

Lab File: BG017132.D

Acq: 14 May 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB83339BS

Tgt Ion: 276 Resp: 640723

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 20.1 11.8 17.8#

