

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017217.D
 Acq On : 20 May 2015 16:36
 Operator : TP/IZ
 Sample : PB83496BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

Quant Time: May 21 02:34:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 02:15:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37371	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	161587	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	103828	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	259245	20.00	ng	0.00
75) Chrysene-d12	21.29	240	298668	20.00	ng	0.00
86) Perylene-d12	23.55	264	288960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	264372	125.51	ng	0.00
7) Phenol-d6	6.89	99	352313	119.19	ng	0.00
23) Nitrobenzene-d5	8.85	82	236257	68.26	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	164638	131.17	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	506008	71.51	ng	0.00
78) Terphenyl-d14	19.74	244	1005895	70.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	24023	28.91	ng	97
3) Pyridine	3.55	79	79947	31.80	ng	91
4) n-Nitrosodimethylamine	3.47	42	61434	32.19	ng	97
6) Aniline	7.02	93	110379	26.99	ng	98
8) 2-Chlorophenol	7.27	128	93870	37.25	ng	98
9) Benzaldehyde	6.83	77	18631	7.65	ng	100
10) Phenol	6.92	94	120342	38.39	ng	96
11) bis(2-Chloroethyl)ether	7.12	93	82872	35.26	ng	94
12) 1,3-Dichlorobenzene	7.58	146	93679	33.29	ng	97
13) 1,4-Dichlorobenzene	7.73	146	97382	34.28	ng	93
14) 1,2-Dichlorobenzene	8.04	146	94003	34.65	ng	93
15) Benzyl Alcohol	7.94	79	94311	32.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	137865	36.18	ng	98
17) 2-Methylphenol	8.16	107	81674	35.93	ng	98
18) Hexachloroethane	8.77	117	39709	33.47	ng	90
19) n-Nitroso-di-n-propylamine	8.50	70	82634	32.09	ng	96
20) 3+4-Methylphenols	8.49	107	115011	36.41	ng	99
22) Acetophenone	8.51	105	140729	35.88	ng	94
24) Nitrobenzene	8.90	77	117798	34.79	ng	97
25) Isophorone	9.41	82	211321	33.13	ng	98
26) 2-Nitrophenol	9.61	139	54547	36.03	ng	# 88
27) 2,4-Dimethylphenol	9.68	122	96803	38.85	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	109919	35.39	ng	95
29) 2,4-Dichlorophenol	10.15	162	92724	39.45	ng	97
30) 1,2,4-Trichlorobenzene	10.35	180	93246	34.97	ng	94
31) Naphthalene	10.53	128	276672	34.99	ng	98
32) Benzoic acid	9.82	122	57148	33.85	ng	91
33) 4-Chloroaniline	10.65	127	81948	21.91	ng	97
34) Hexachlorobutadiene	10.82	225	58848	34.86	ng	99
35) Caprolactam	11.43	113	36235	30.66	ng	93
36) 4-Chloro-3-methylphenol	11.81	107	117240	39.48	ng	100
37) 2-Methylnaphthalene	12.16	142	216031	34.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	105222	35.82	ng	99
40) Hexachlorocyclopentadiene	12.51	237	137602	76.79	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	78869	37.85	ng	92
43) 2,4,5-Trichlorophenol	12.87	196	88629	41.28	ng	92
45) 1,1'-Biphenyl	13.18	154	272324	36.42	ng	99
46) 2-Chloronaphthalene	13.22	162	219864	37.13	ng	95
47) 2-Nitroaniline	13.44	65	95004	41.24	ng	96
48) Acenaphthylene	14.07	152	378044	37.28	ng	99
49) Dimethylphthalate	13.81	163	306904	37.80	ng	99
50) 2,6-Dinitrotoluene	13.94	165	74748	41.55	ng	95
51) Acenaphthene	14.42	154	225366	37.62	ng	96
52) 3-Nitroaniline	14.27	138	62334	31.23	ng	96
53) 2,4-Dinitrophenol	14.47	184	87397	83.67	ng	95
54) Dibenzofuran	14.75	168	345876	38.84	ng	99
55) 4-Nitrophenol	14.62	139	137689	85.67	ng	98
56) 2,4-Dinitrotoluene	14.72	165	104587	41.68	ng	97
57) Fluorene	15.41	166	317651	40.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	86275	43.79	ng	99
59) Diethylphthalate	15.18	149	337047	38.65	ng	99
60) 4-Chlorophenyl-phenylether	15.40	204	159550	39.41	ng	95
61) 4-Nitroaniline	15.44	138	91513	41.09	ng	98
62) Azobenzene	15.69	77	345542	41.48	ng	96
64) 4,6-Dinitro-2-methylphenol	15.49	198	63097	35.51	ng	99
65) n-Nitrosodiphenylamine	15.62	169	280271	35.22	ng	97
66) 4-Bromophenyl-phenylether	16.29	248	98968	35.00	ng	99
67) Hexachlorobenzene	16.40	284	106219	35.60	ng	99
68) Atrazine	16.57	200	114835	39.44	ng	98
69) Pentachlorophenol	16.76	266	131653	70.68	ng	93
70) Phenanthrene	17.14	178	511418	38.26	ng	99
71) Anthracene	17.23	178	513555	37.90	ng	97
72) Carbazole	17.51	167	504653	40.54	ng	98
73) Di-n-butylphthalate	18.07	149	652677	39.18	ng	99
74) Fluoranthene	19.17	202	636483	39.65	ng	99
76) Benzidine	19.35	184	296009	30.36	ng	97
77) Pyrene	19.53	202	661348	36.09	ng	99
79) Butylbenzylphthalate	20.43	149	309364	37.13	ng	98
80) Benzo(a)anthracene	21.27	228	632996	36.98	ng	98
81) 3,3'-Dichlorobenzidine	21.21	252	188343	28.44	ng	98
82) Chrysene	21.32	228	599915	37.63	ng	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	435442	36.77	ng	99
84) Di-n-octyl phthalate	22.09	149	739397	37.51	ng	99
85) Indeno(1,2,3-cd)pyrene	25.86	276	710327	37.23	ng	98
87) Benzo(b)fluoranthene	22.87	252	652980	38.77	ng	98
88) Benzo(k)fluoranthene	22.91	252	602160	37.65	ng	99
89) Benzo(a)pyrene	23.45	252	618170	39.96	ng	98
90) Dibenzo(a,h)anthracene	25.88	278	611152	38.49	ng	98
91) Benzo(g,h,i)perylene	26.58	276	587823	39.33	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

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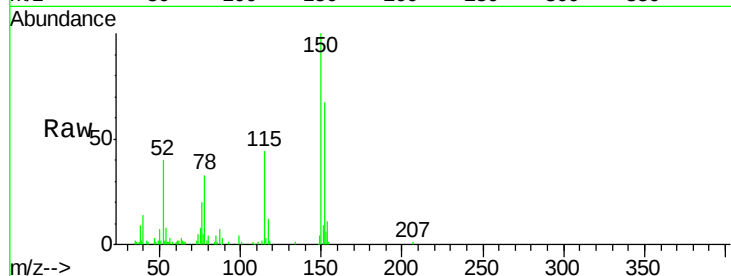
Tot Ion:152 Resp: 37371

Ion Ratio Lower Upper

152 100

150 150.2 120.8 181.2

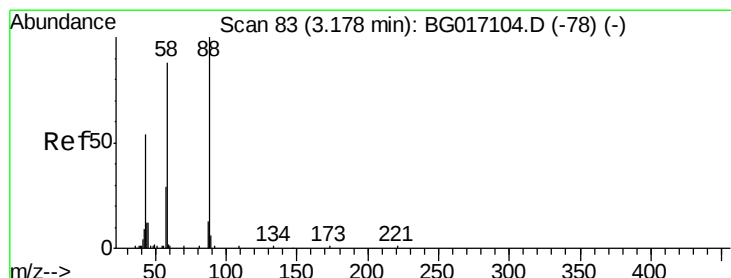
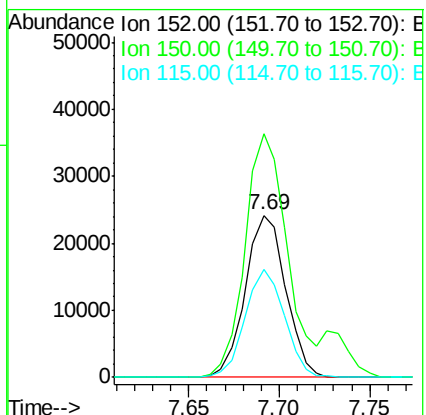
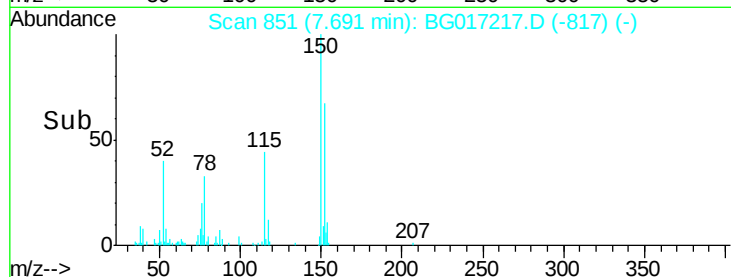
115 66.4 49.4 74.2



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: 28.91 ng

RT: 3.16 min Scan# 79

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

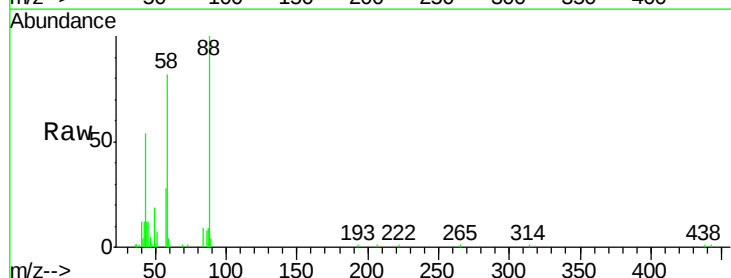
Tgt Ion: 88 Resp: 24023

Ion Ratio Lower Upper

88 100

58 88.4 68.6 103.0

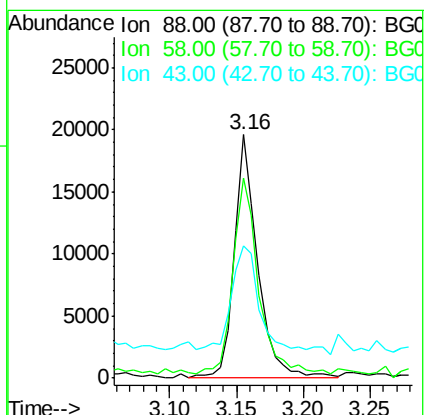
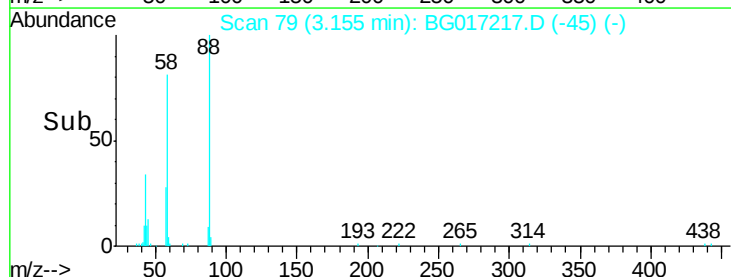
43 48.4 40.3 60.5



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

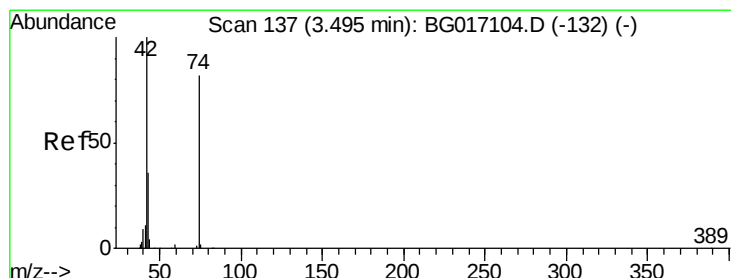
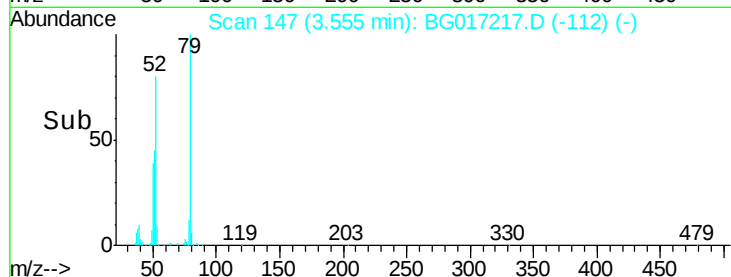
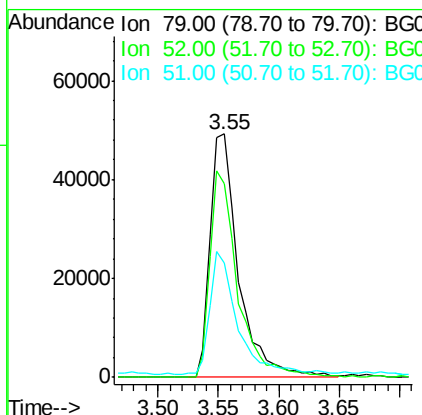
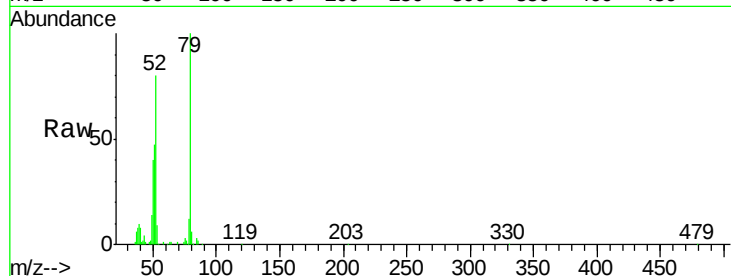




#3
 Pvridine
 Concen: 31.80 ng
 RT: 3.55 min Scan# 147
 Delta R.T. 0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

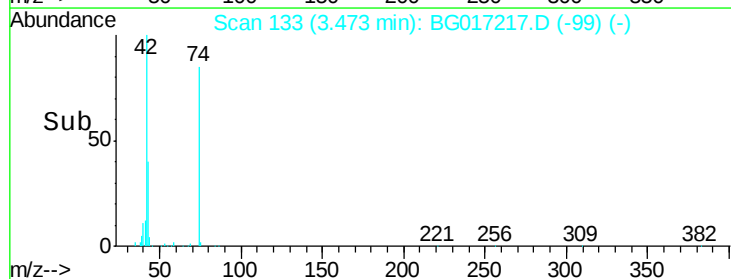
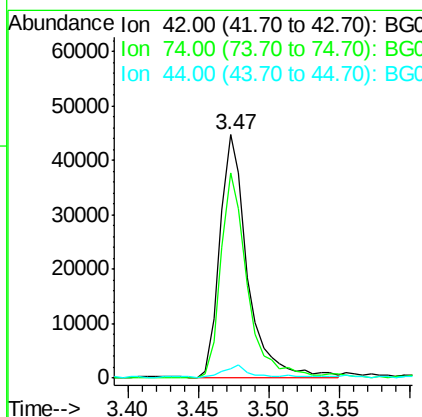
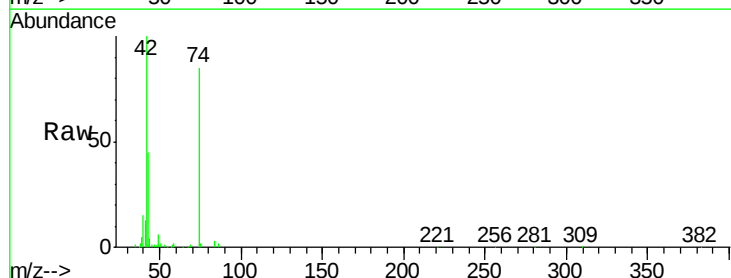
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

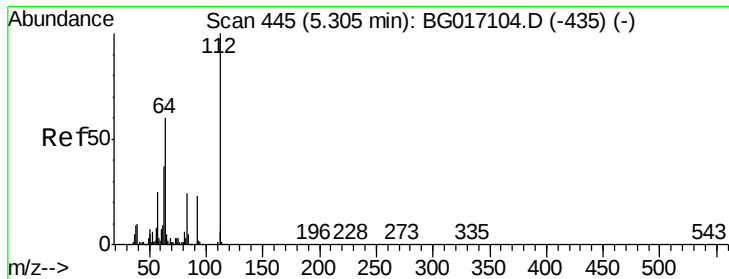
Tot Ion: 79 Resp: 79947
 Ion Ratio Lower Upper
 79 100
 52 79.6 72.2 108.2
 51 47.0 40.6 60.8



#4
 n-Nitrosodimethylamine
 Concen: 32.19 ng
 RT: 3.47 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion: 42 Resp: 61434
 Ion Ratio Lower Upper
 42 100
 74 84.5 65.2 97.8
 44 4.0 3.2 4.8





#5

2-Fluorophenol

Concen: 125.51 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

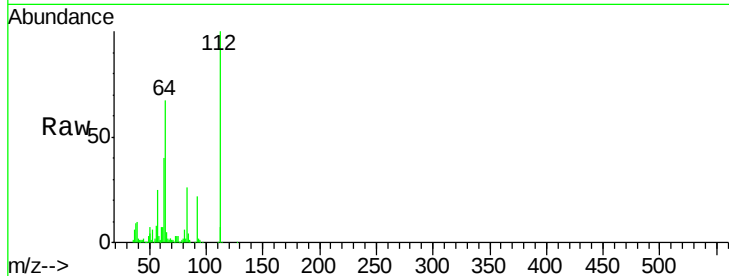
Tot Ion:112 Resp: 264372

Ion Ratio Lower Upper

112 100

64 66.6 48.1 72.1

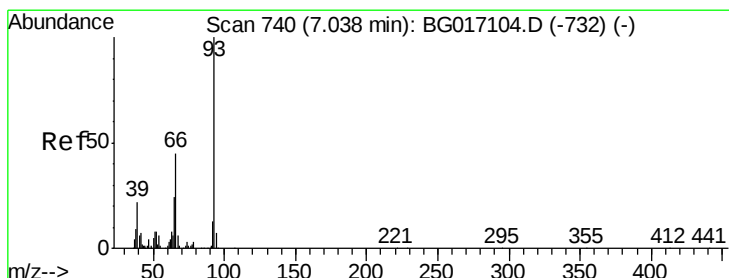
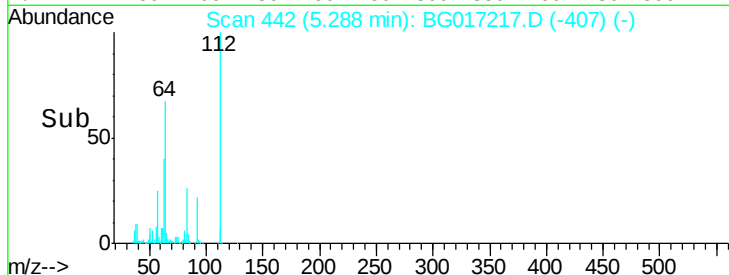
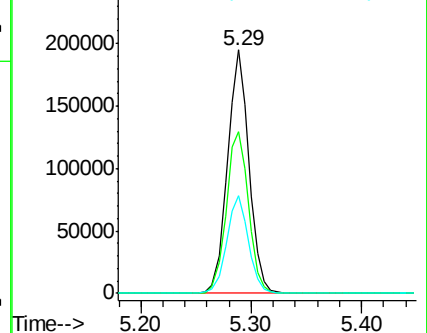
63 39.9 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.99 ng

RT: 7.02 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

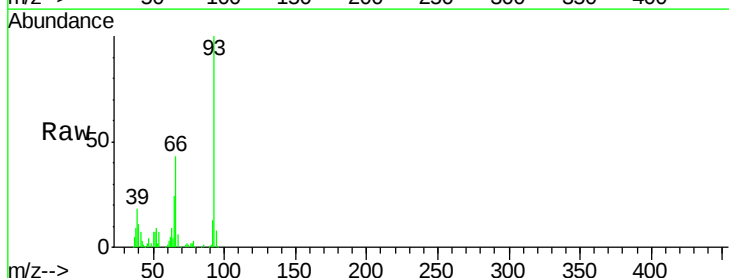
Tgt Ion: 93 Resp: 110379

Ion Ratio Lower Upper

93 100

66 42.7 35.8 53.8

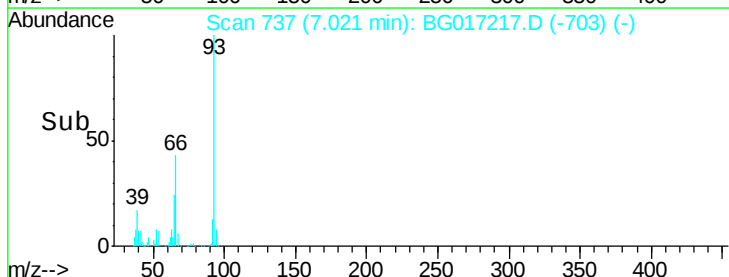
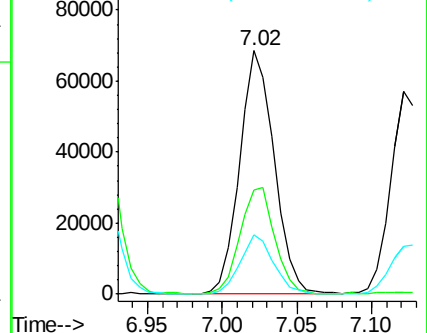
65 24.4 19.2 28.8

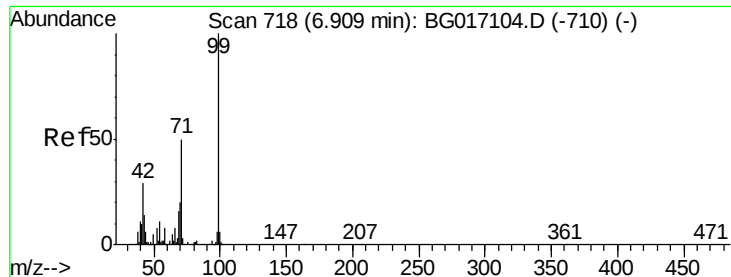


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.19 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

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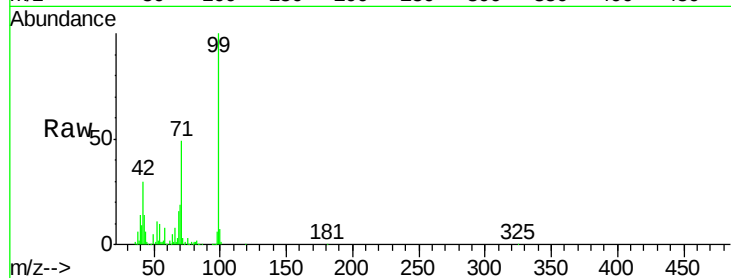
Tot Ion: 99 Resp: 352313

Ion Ratio Lower Upper

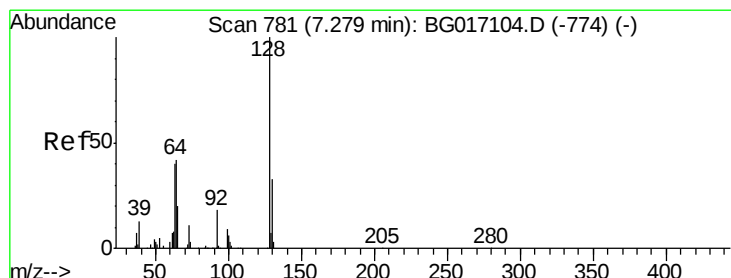
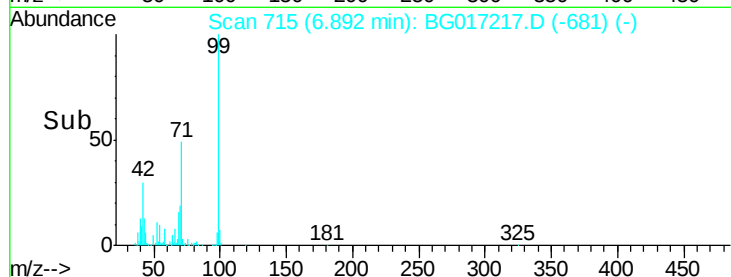
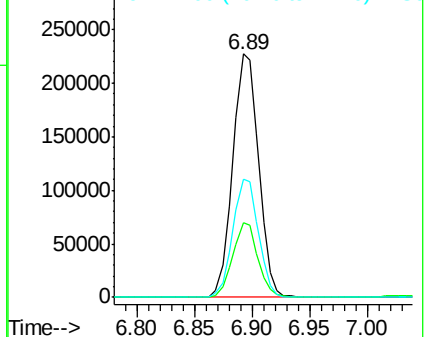
99 100

42 30.5 23.5 35.3

71 48.7 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: 37.25 ng

RT: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

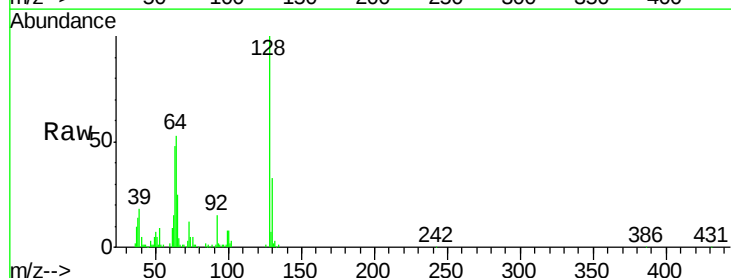
Tgt Ion: 128 Resp: 93870

Ion Ratio Lower Upper

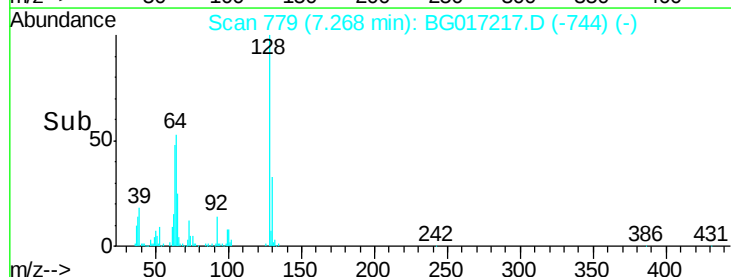
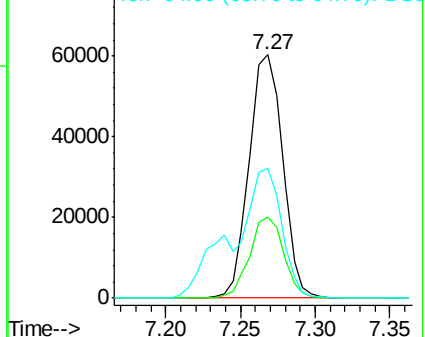
128 100

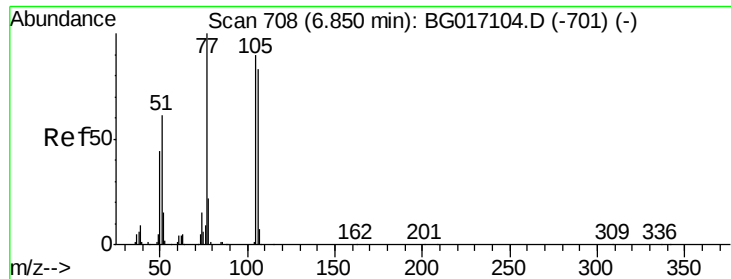
130 33.3 13.3 53.3

64 53.4 30.9 70.9



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





#9

Benzaldehyde

Concen: 7.65 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

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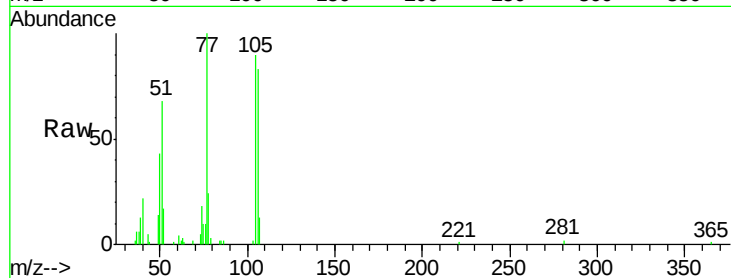
Tot Ion: 77 Resp: 18631

Ion Ratio Lower Upper

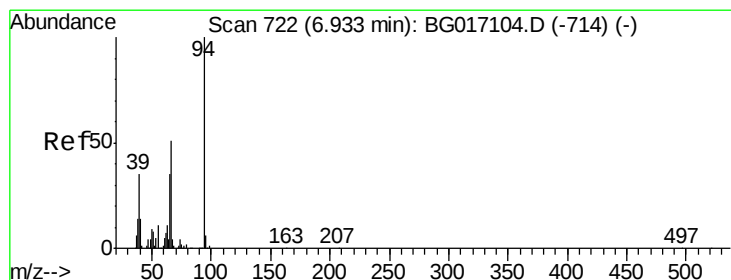
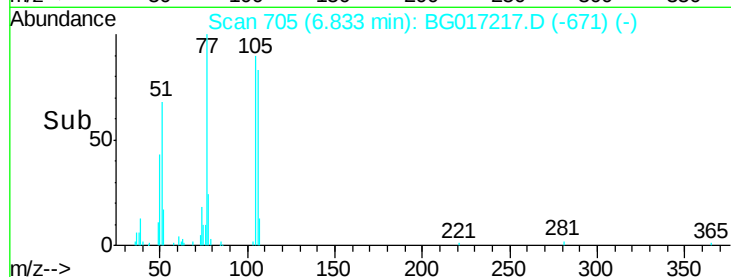
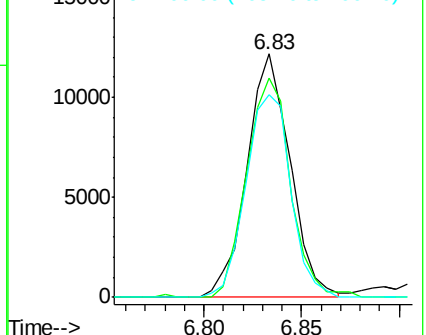
77 100

105 89.8 69.5 109.5

106 83.2 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: 38.39 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

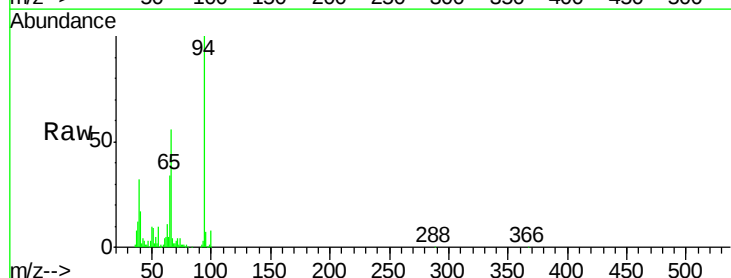
Tgt Ion: 94 Resp: 120342

Ion Ratio Lower Upper

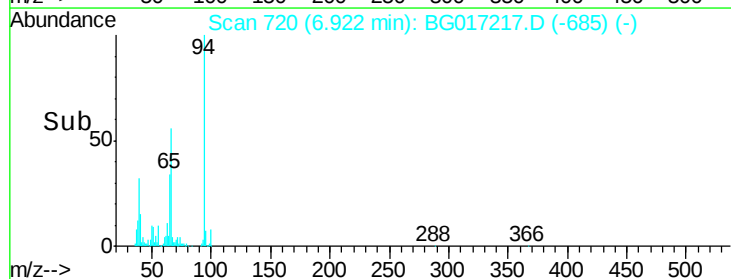
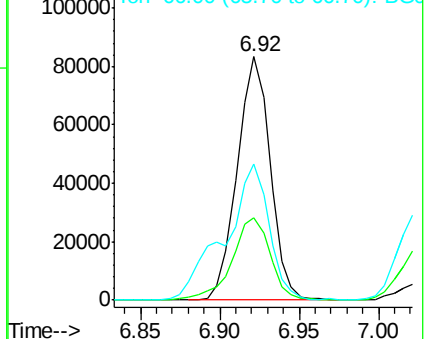
94 100

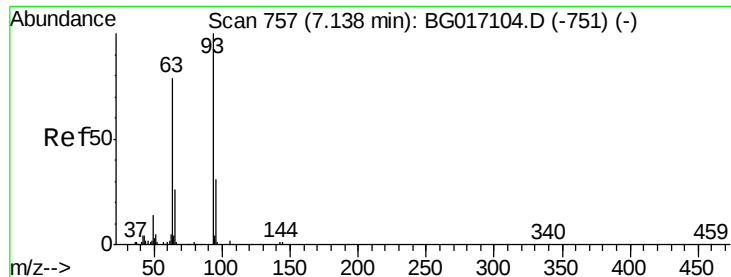
65 33.6 15.0 55.0

66 56.1 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: 35.26 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

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ClientSampleId :

PB83496BS

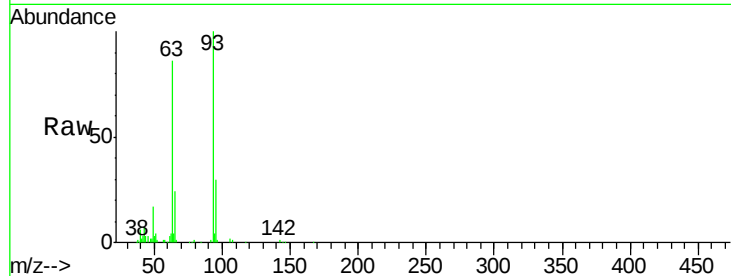
Tot Ion: 93 Resp: 82872

Ion Ratio Lower Upper

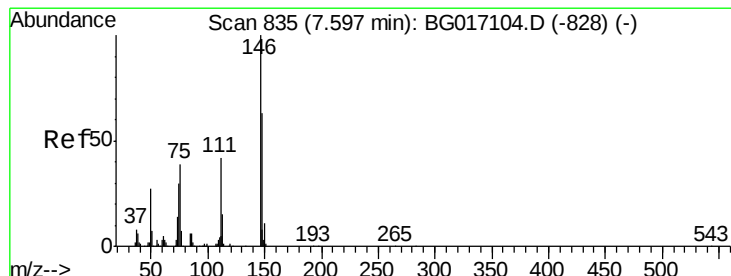
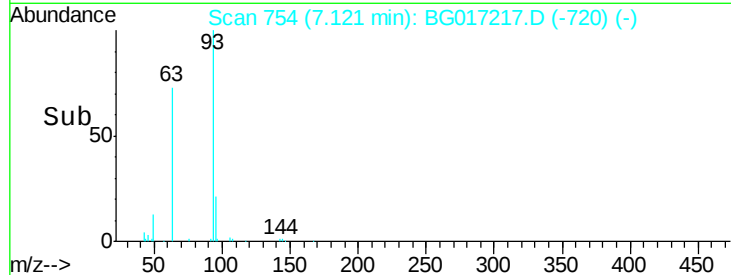
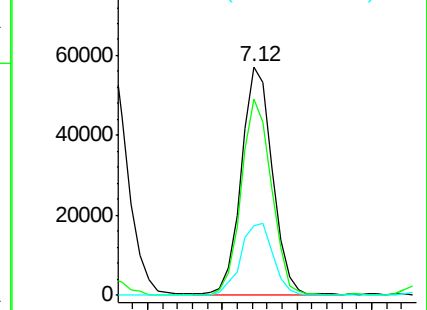
93 100

63 85.9 58.5 98.5

95 30.2 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 33.29 ng

RT: 7.58 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

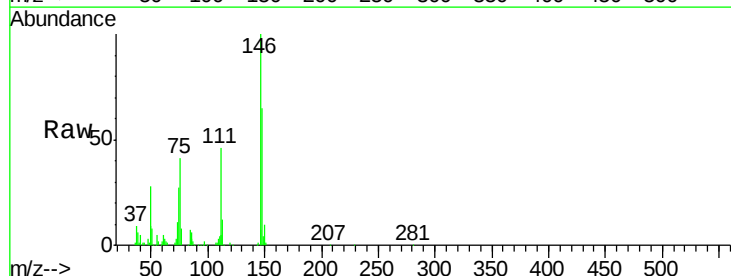
Tgt Ion: 146 Resp: 93679

Ion Ratio Lower Upper

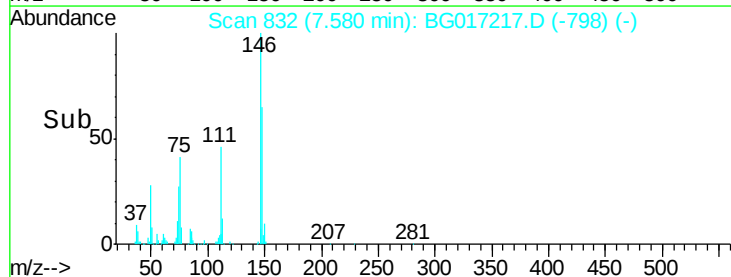
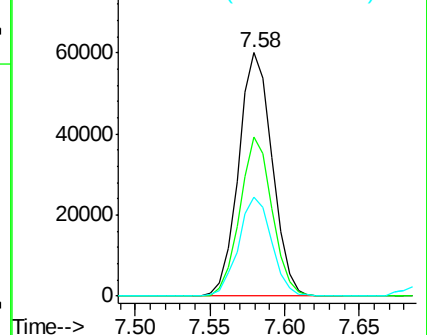
146 100

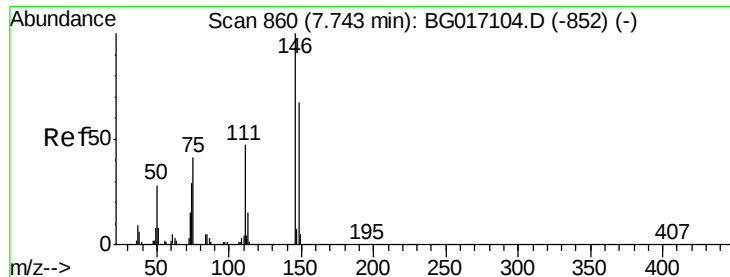
148 65.2 50.6 75.8

75 40.8 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 34.28 ng

RT: 7.73 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

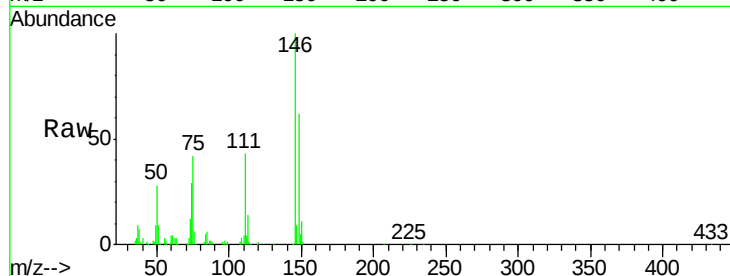
Tot Ion:146 Resp: 97382

Ion Ratio Lower Upper

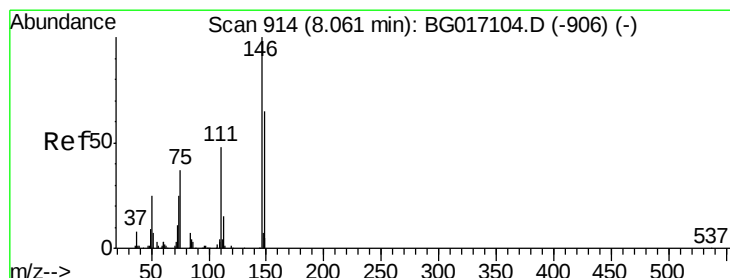
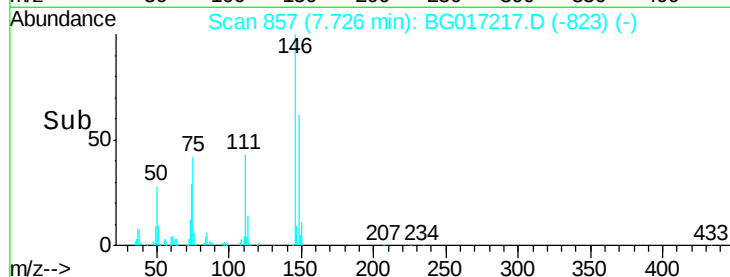
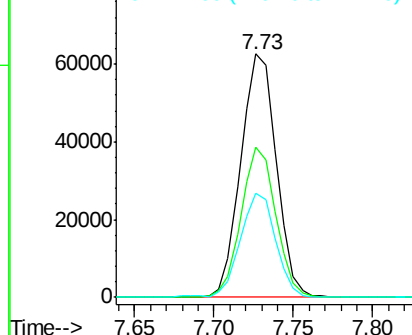
146 100

148 61.8 53.9 80.9

111 42.8 37.9 56.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.65 ng

RT: 8.04 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

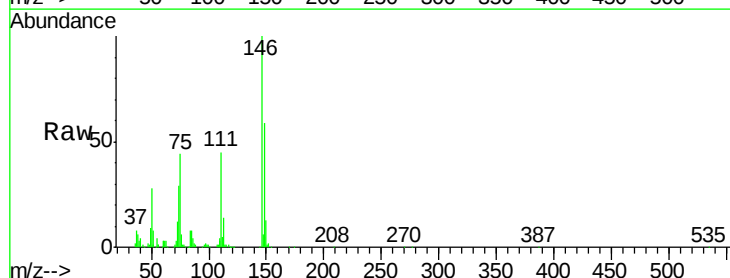
Tgt Ion:146 Resp: 94003

Ion Ratio Lower Upper

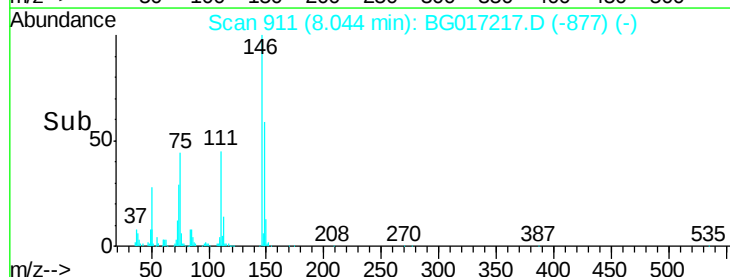
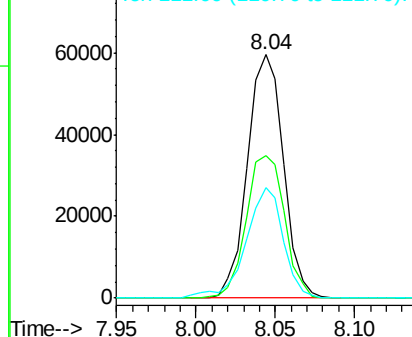
146 100

148 58.6 52.3 78.5

111 45.4 39.0 58.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.84 ng

RT: 7.94 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

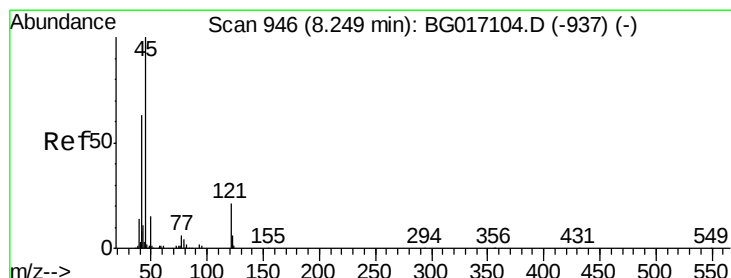
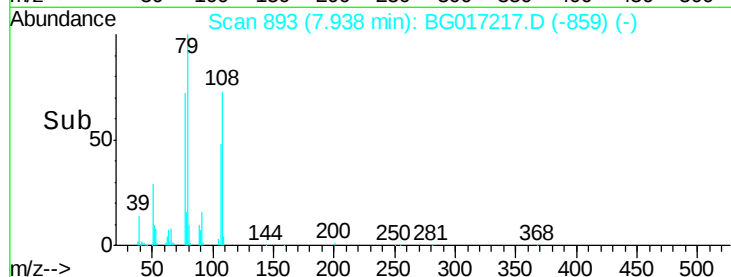
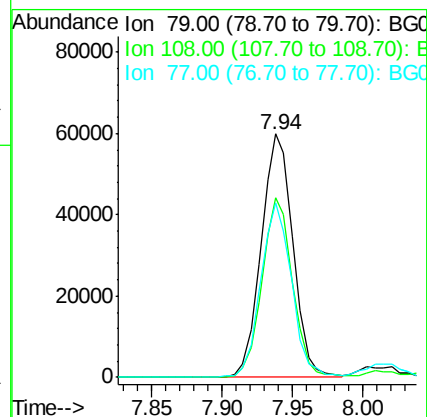
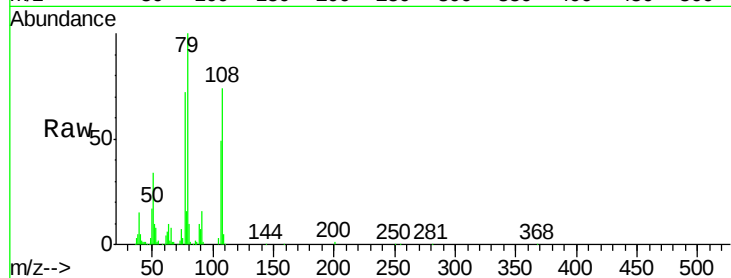
Tot Ion: 79 Resp: 94311

Ion Ratio Lower Upper

79 100

108 73.9 55.8 83.6

77 71.8 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.18 ng

RT: 8.23 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

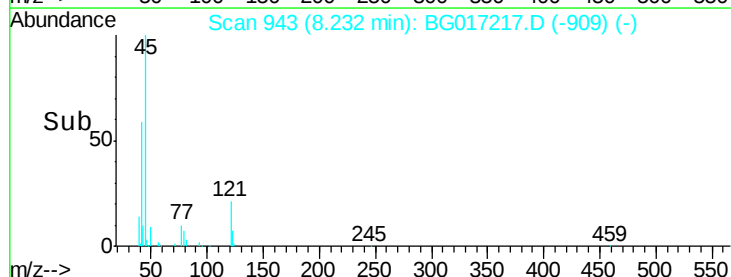
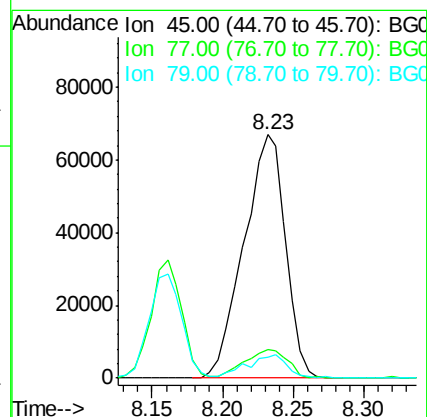
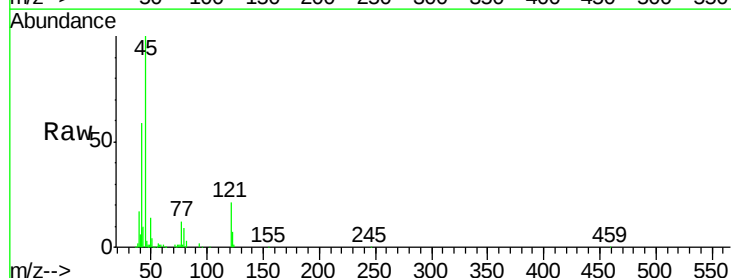
Tgt Ion: 45 Resp: 137865

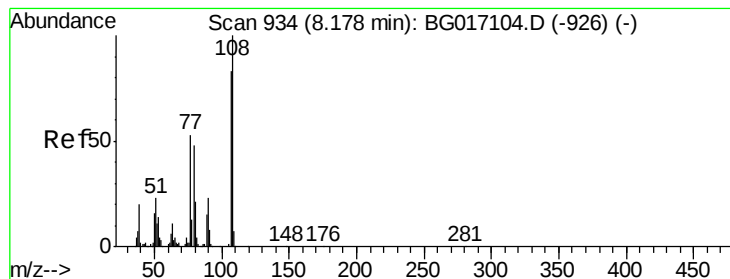
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.5

79 8.7 0.0 29.4





#17

2-Methylphenol

Concen: 35.93 ng

RT: 8.16 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

Tot Ion:107 Resp: 81674

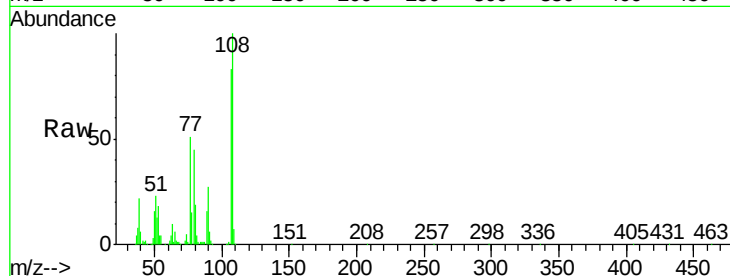
Ion Ratio Lower Upper

107 100

108 119.9 96.6 144.8

77 61.4 51.2 76.8

79 54.4 45.9 68.9

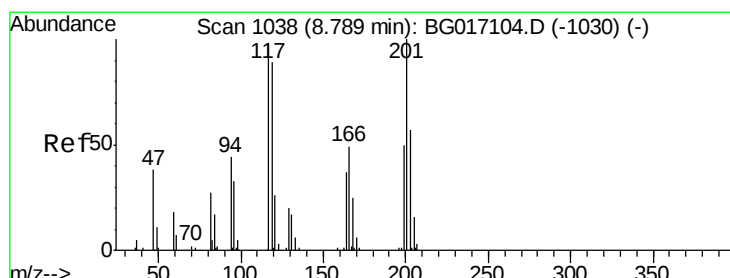
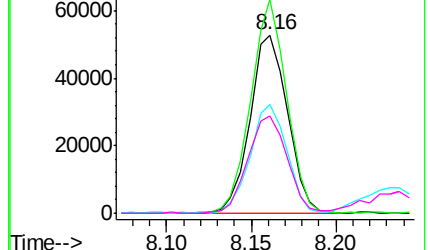
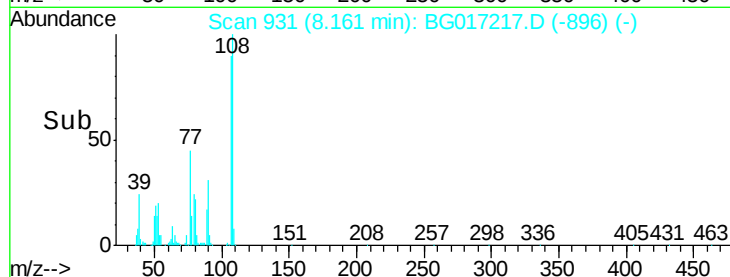


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.47 ng

RT: 8.77 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

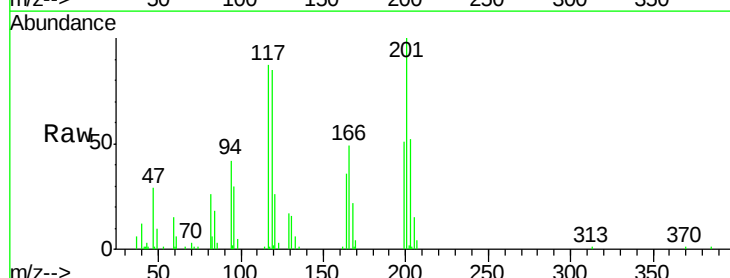
Tgt Ion:117 Resp: 39709

Ion Ratio Lower Upper

117 100

119 97.6 73.0 109.6

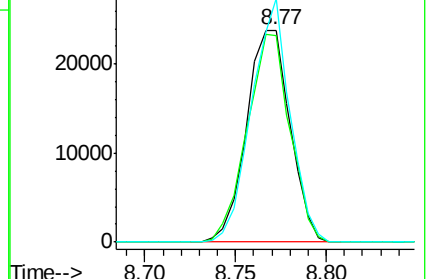
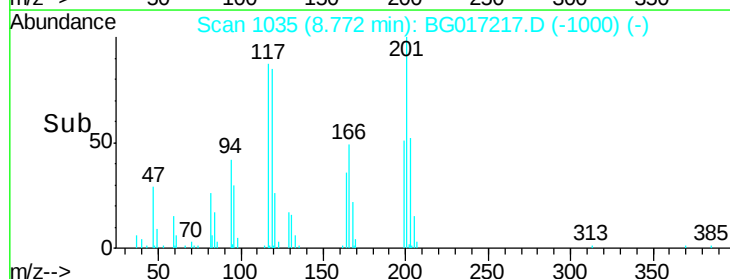
201 114.8 81.7 122.5

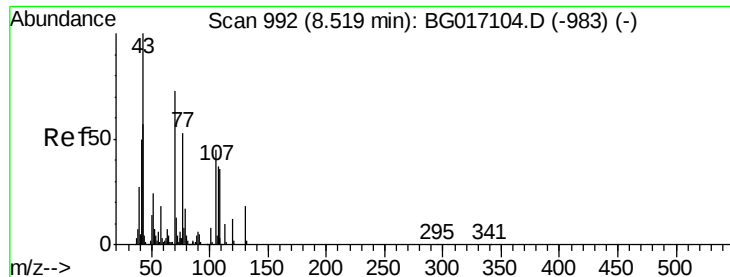


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

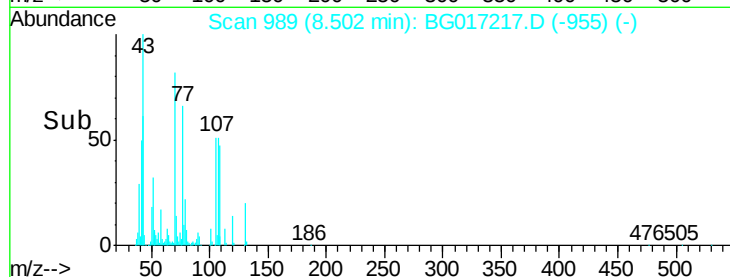
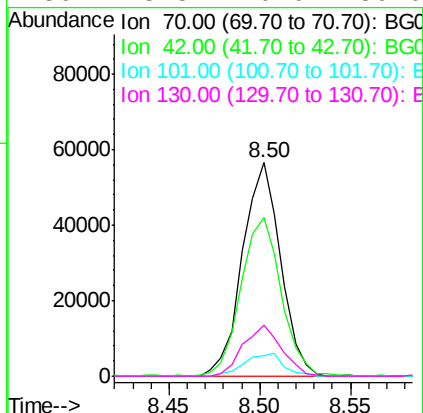
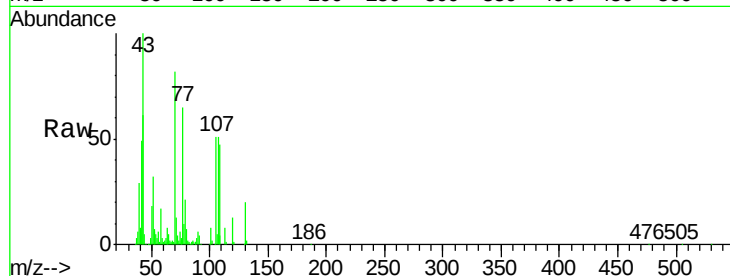




#19
n-Nitroso-di-n-propylamine
Concen: 32.09 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

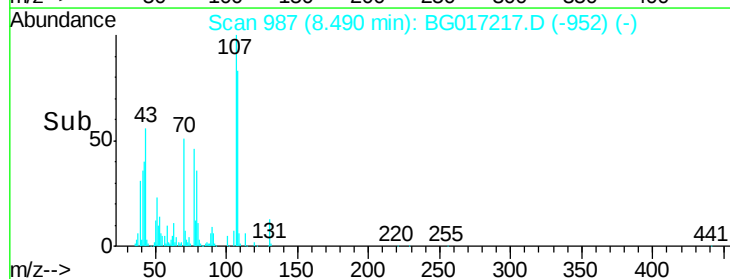
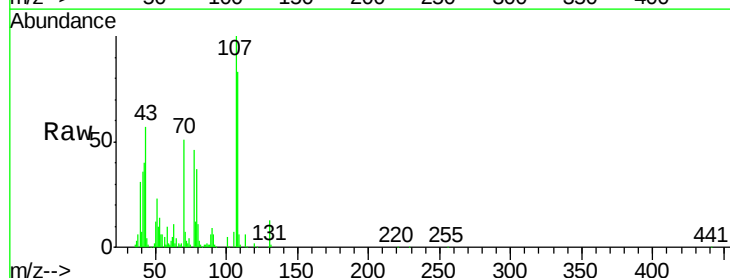
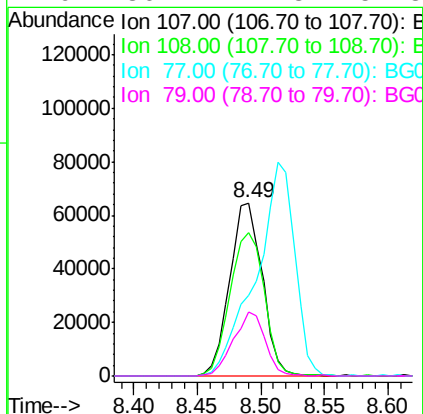
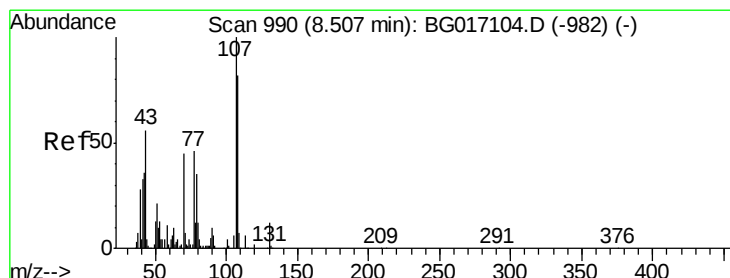
Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion:	70	Resp:	82634
Ion	Ratio	Lower	Upper
70	100		
42	74.2	62.6	94.0
101	9.6	9.0	13.4
130	23.8	20.0	30.0



#20
3+4-Methylphenols
Concen: 36.41 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:	107	Resp:	115011
Ion	Ratio	Lower	Upper
107	100		
108	82.9	62.2	102.2
77	46.4	26.0	66.0
79	36.7	14.8	54.8

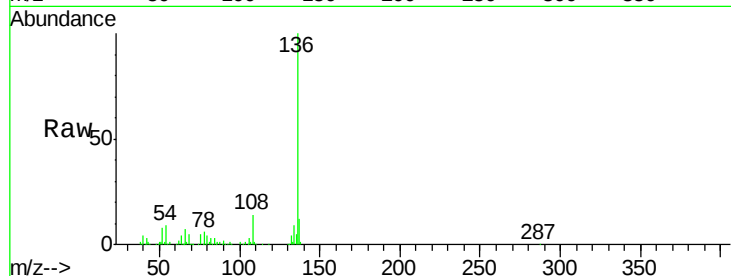




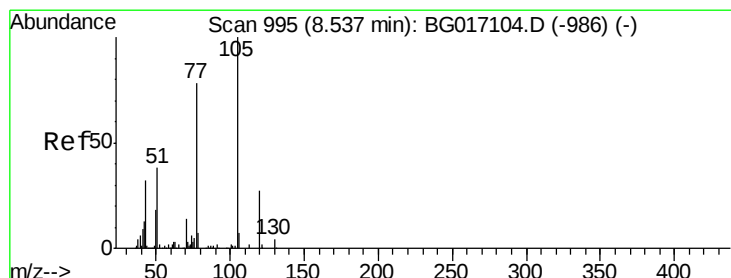
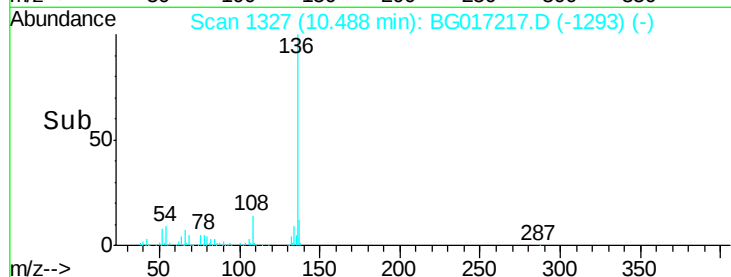
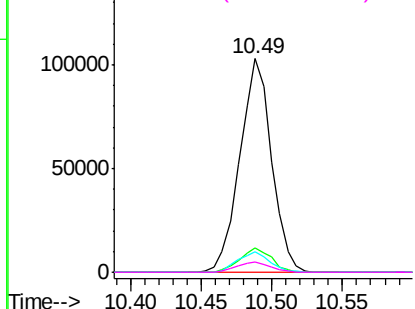
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion:136	Resp:	161587
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.3 12.5
54	9.4	7.4 11.2
68	4.6	3.6 5.4

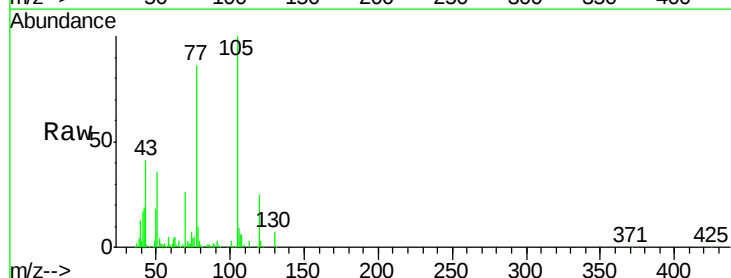


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

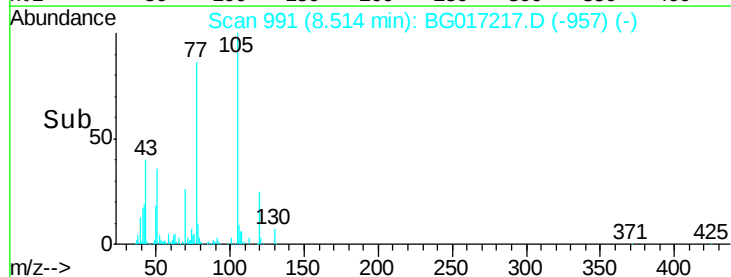
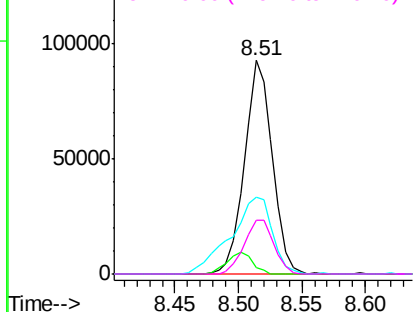


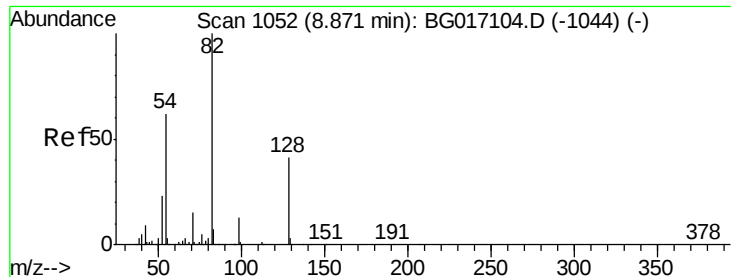
#22
Acetophenone
Concen: 35.88 ng
RT: 8.51 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:105	Resp:	140729
Ion Ratio	Lower	Upper
105	100	
71	3.0	2.2 3.4
51	36.2	32.8 49.2
120	25.4	21.8 32.6



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

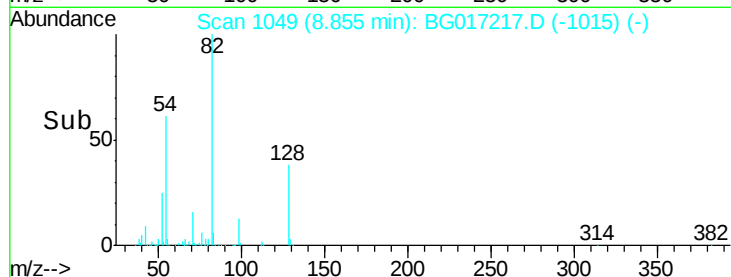
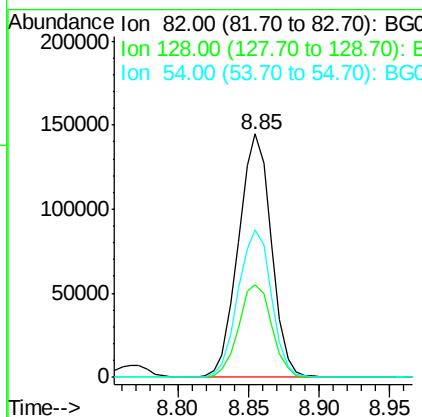
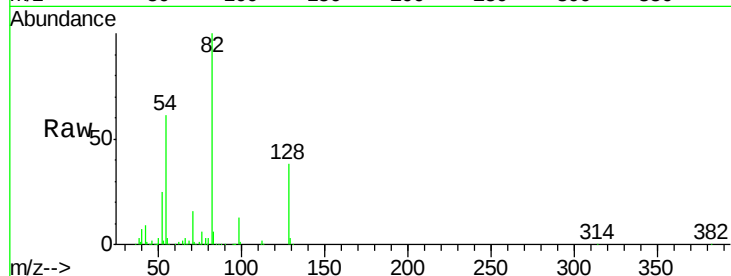




#23
 Nitrobenzene-d5
 Concen: 68.26 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

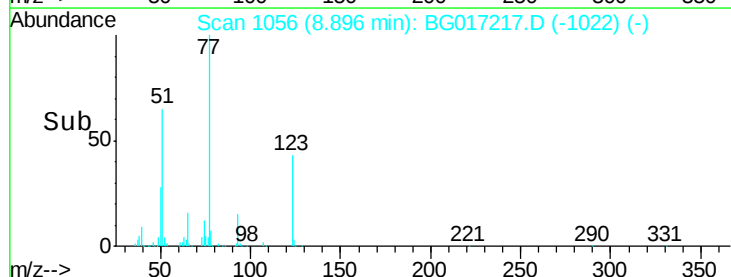
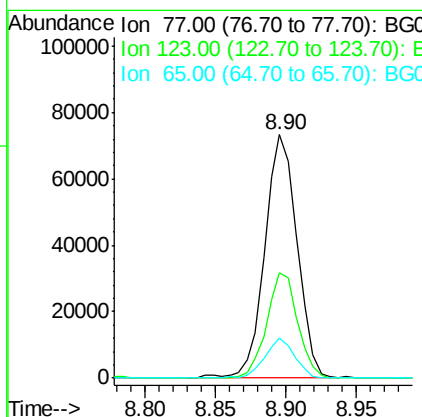
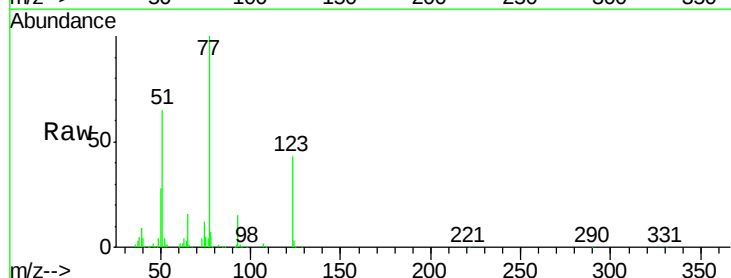
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

Tot Ion	82	Resp	236257
Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.6	49.0
54	60.9	49.6	74.4



#24
 Nitrobenzene
 Concen: 34.79 ng
 RT: 8.90 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion	77	Resp	117798
Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.4
65	16.4	13.3	19.9





#25

Isophorone

Concen: 33.13 ng

RT: 9.41 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

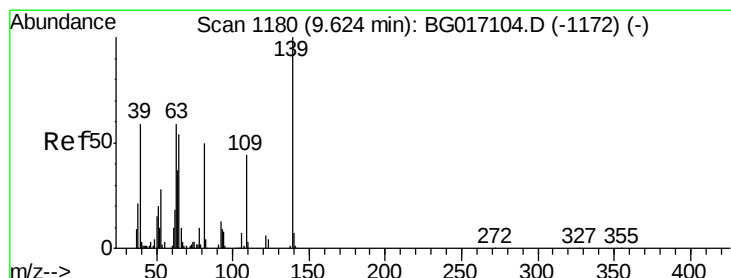
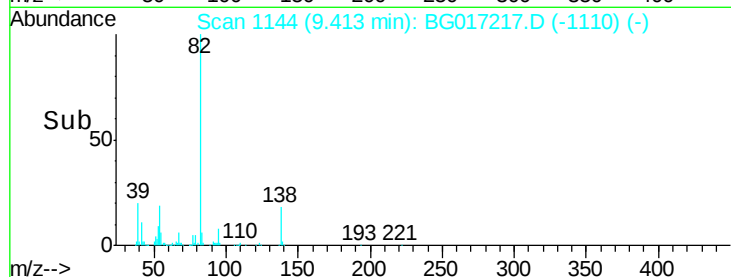
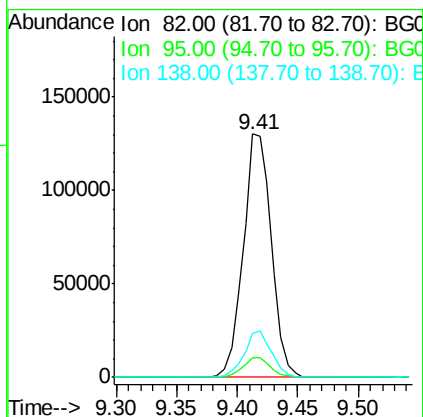
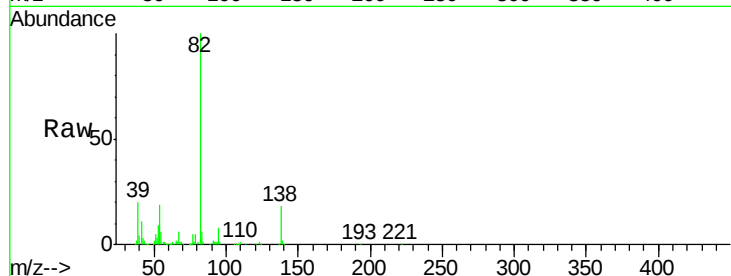
Tot Ion: 82 Resp: 211321

Ion Ratio Lower Upper

82 100

95 8.1 7.7 11.5

138 18.2 15.0 22.6



#26

2-Nitrophenol

Concen: 36.03 ng

RT: 9.61 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

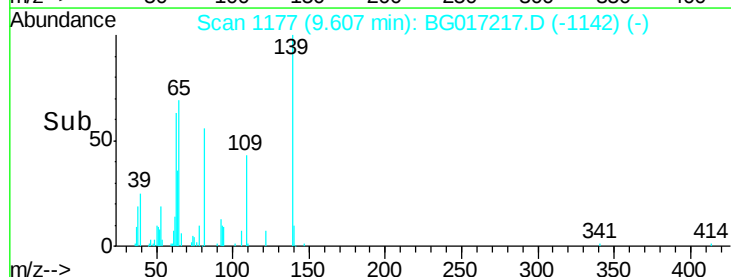
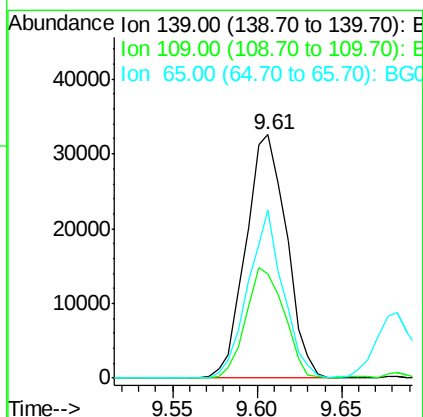
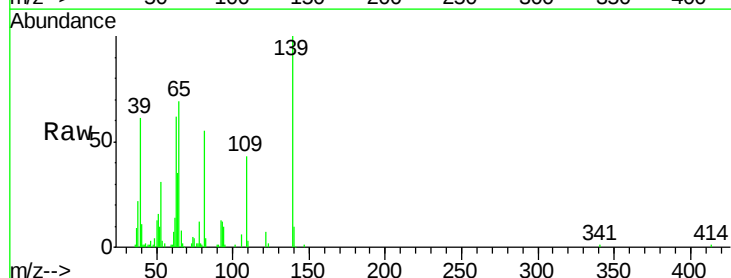
Tgt Ion: 139 Resp: 54547

Ion Ratio Lower Upper

139 100

109 42.9 34.9 52.3

65 69.3 43.0 64.4#

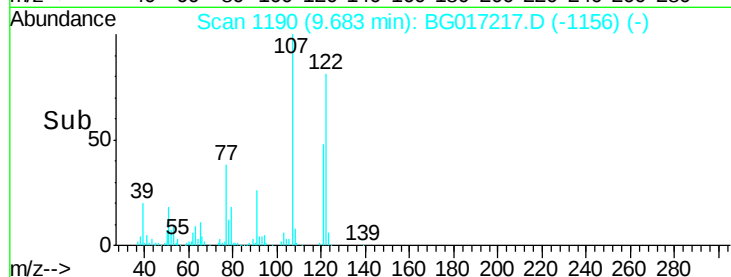
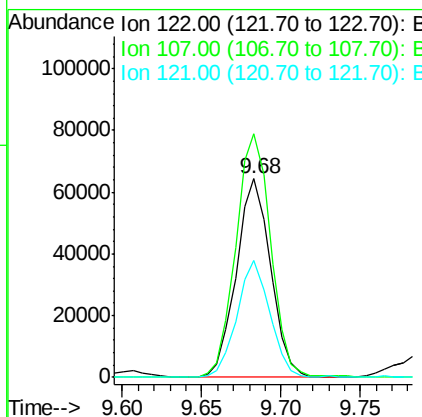
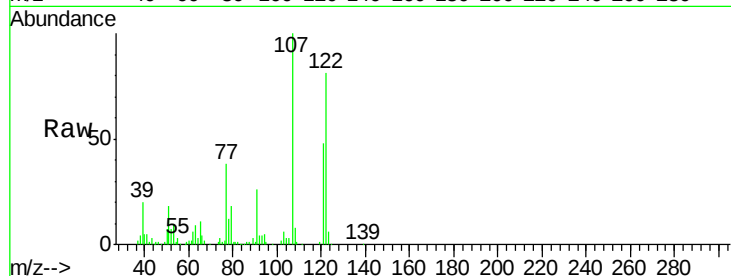




#27
 2,4-Dimethylphenol
 Concen: 38.85 ng
 RT: 9.68 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

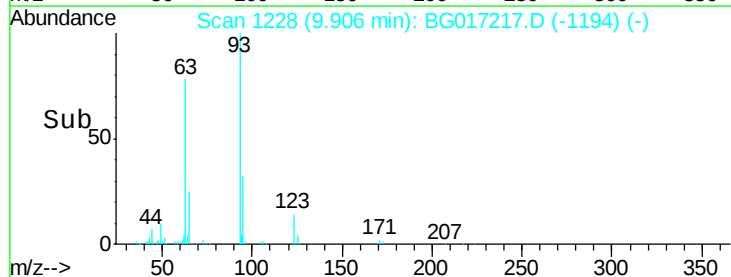
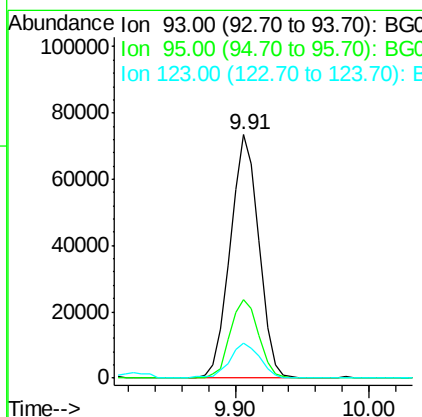
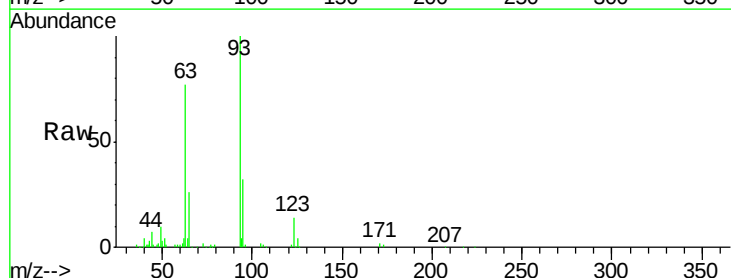
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

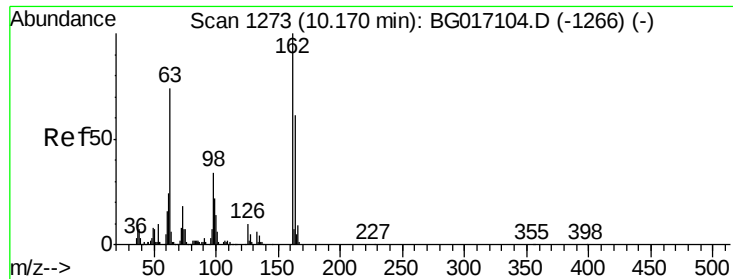
Tot Ion:122 Resp: 96803
 Ion Ratio Lower Upper
 122 100
 107 122.7 102.3 153.5
 121 59.0 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.39 ng
 RT: 9.91 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion: 93 Resp: 109919
 Ion Ratio Lower Upper
 93 100
 95 32.2 28.0 42.0
 123 14.4 10.3 15.5

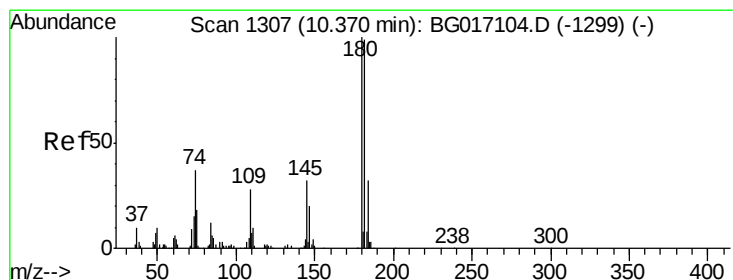
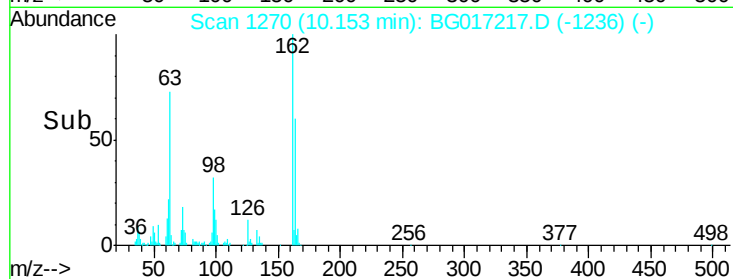
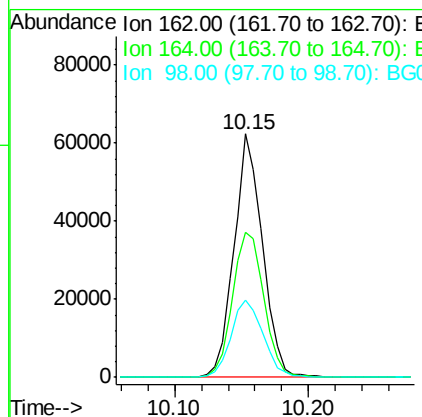
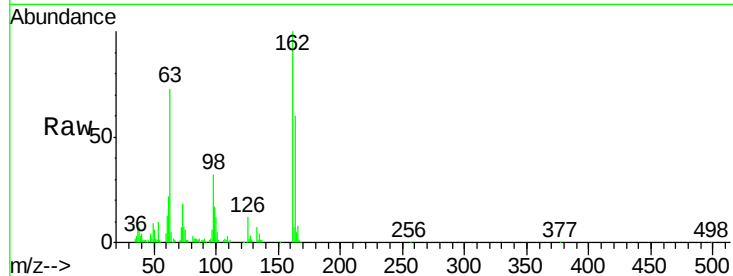




#29
 2,4-Dichlorophenol
 Concen: 39.45 ng
 RT: 10.15 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

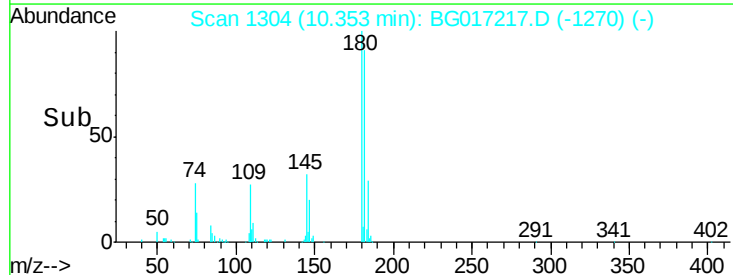
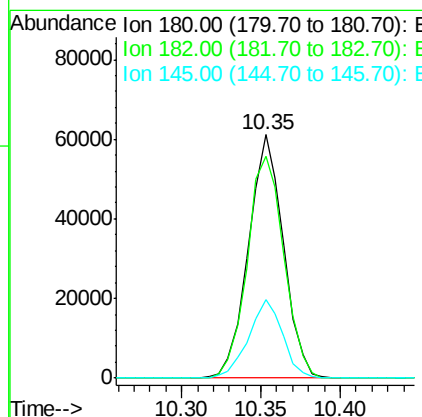
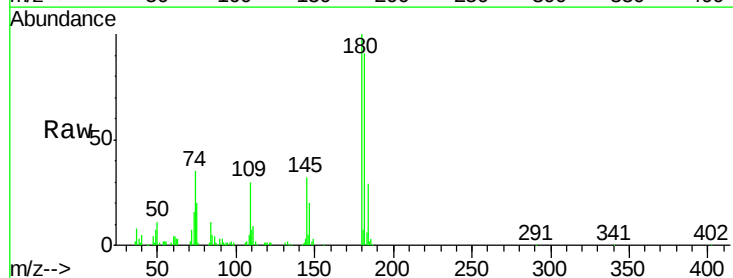
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

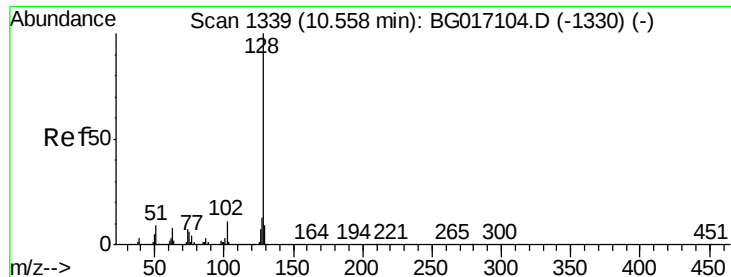
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.7	41.4	81.4
98	31.7	14.3	54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.97 ng
 RT: 10.35 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	79.4	119.0
145	32.0	25.3	37.9

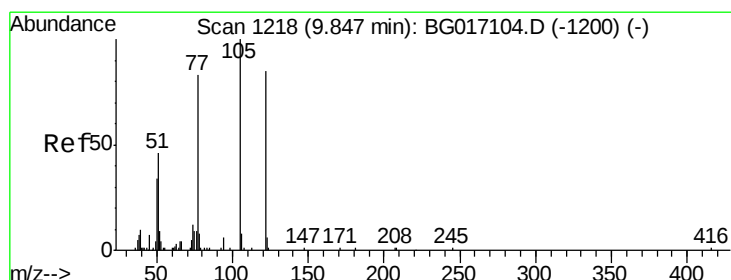
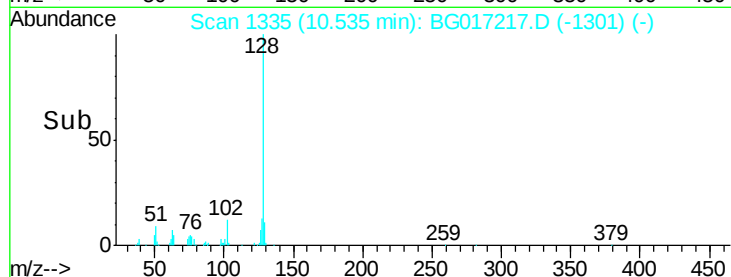
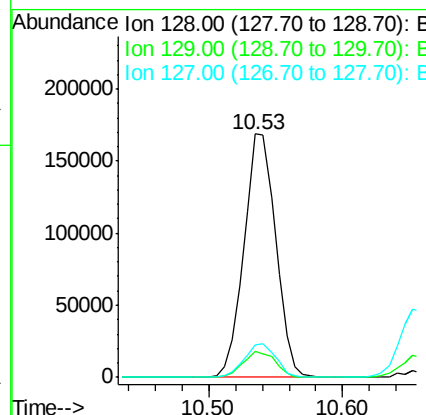
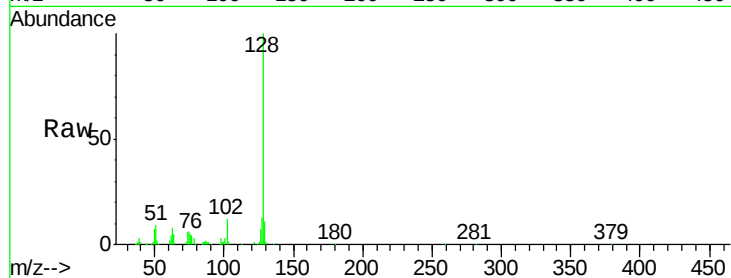




#31
Naphthalene
Concen: 34.99 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

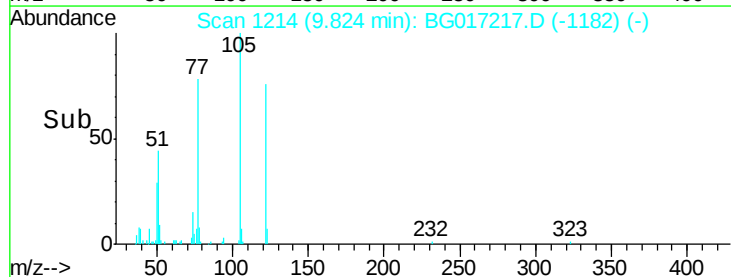
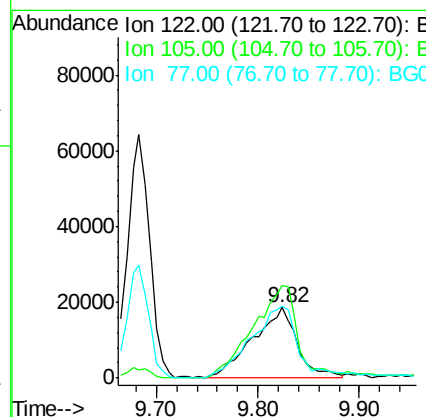
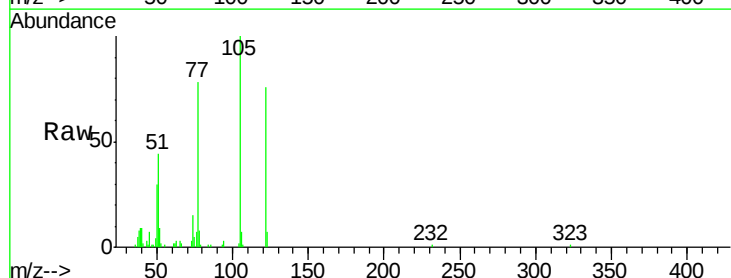
Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion:128 Resp: 276672
Ion Ratio Lower Upper
128 100
129 10.8 7.6 11.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 33.85 ng
RT: 9.82 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:122 Resp: 57148
Ion Ratio Lower Upper
122 100
105 131.2 96.7 136.7
77 101.9 78.5 118.5

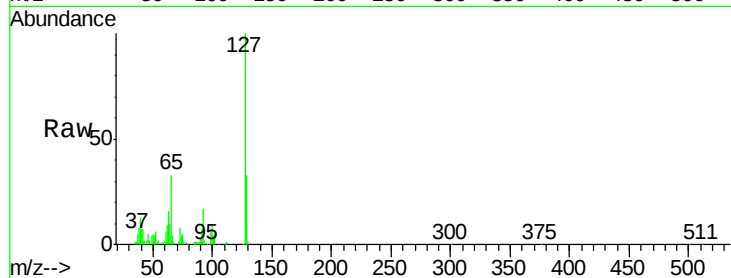




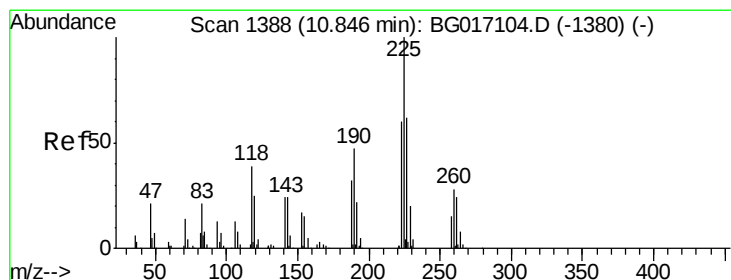
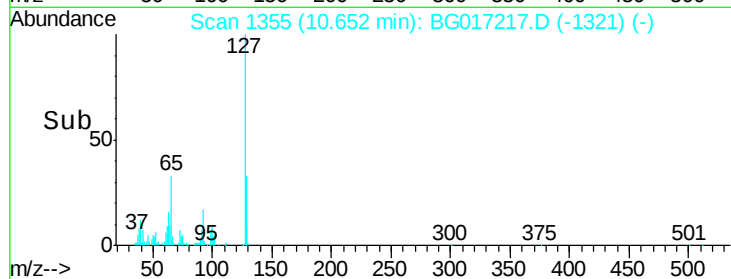
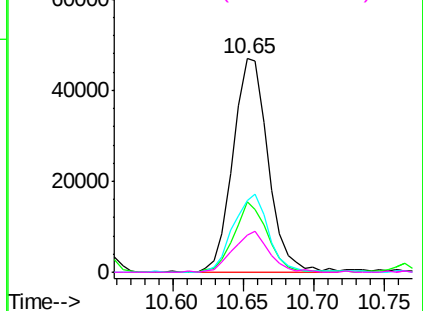
#33
4-Chloroaniline
Concen: 21.91 ng
RT: 10.65 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion:	127	Resp:	81948
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.8	37.2
65	33.5	25.8	38.6
92	17.3	15.0	22.4

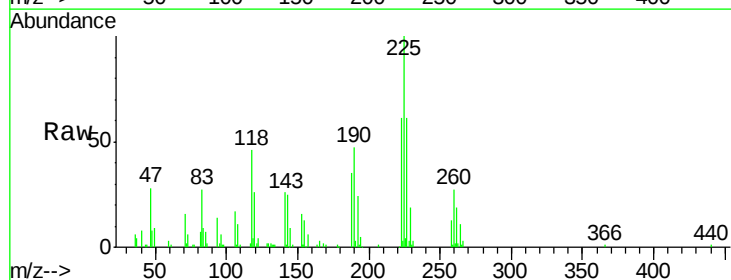


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

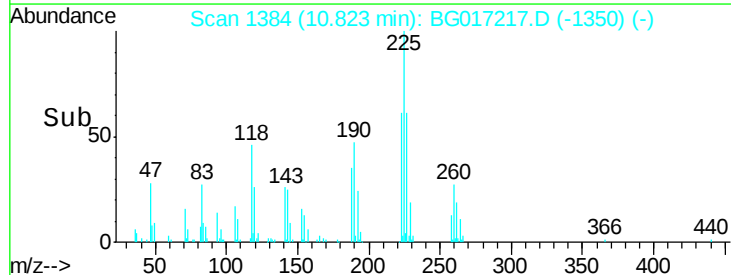
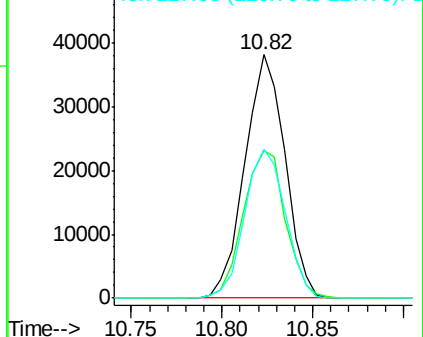


#34
Hexachlorobutadiene
Concen: 34.86 ng
RT: 10.82 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:	225	Resp:	58848
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.3	72.5
227	61.3	49.8	74.8



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





#35

Caprolactam

Concen: 30.66 ng

RT: 11.43 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

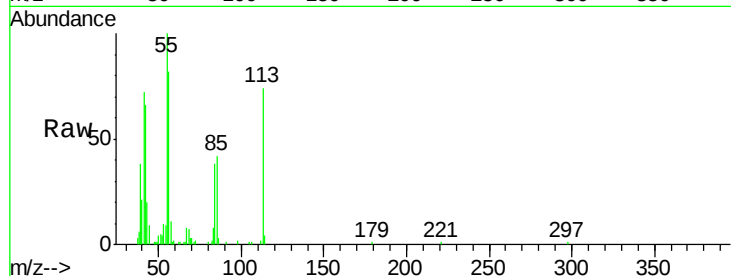
Tot Ion:113 Resp: 36235

Ion Ratio Lower Upper

113 100

55 135.9 124.1 164.1

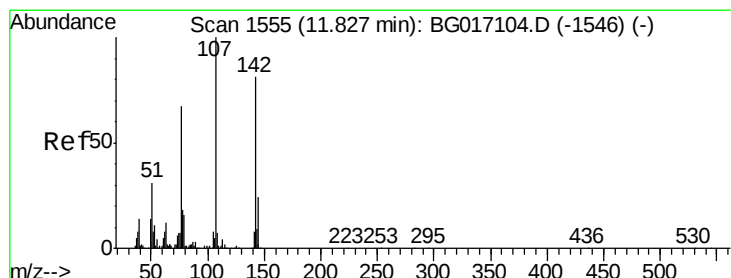
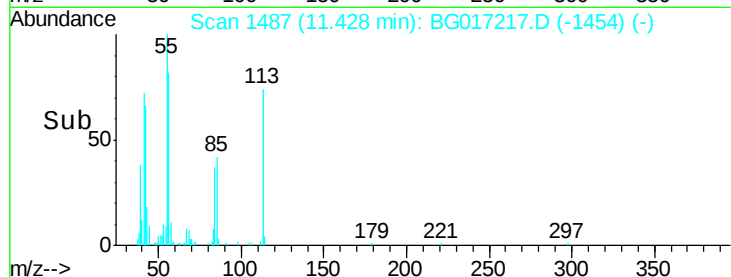
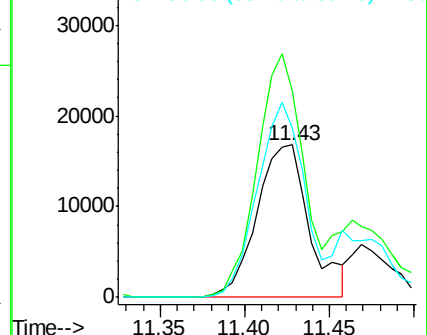
56 111.0 100.3 140.3



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: 39.48 ng

RT: 11.81 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

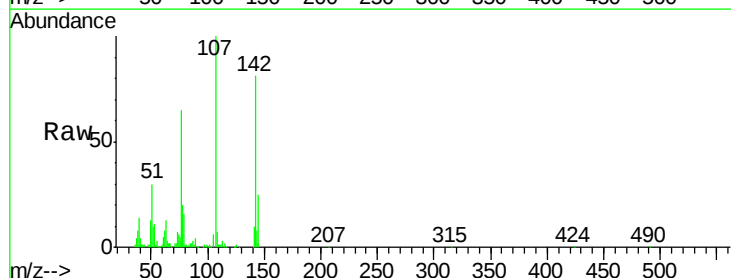
Tgt Ion:107 Resp: 117240

Ion Ratio Lower Upper

107 100

144 24.8 19.6 29.4

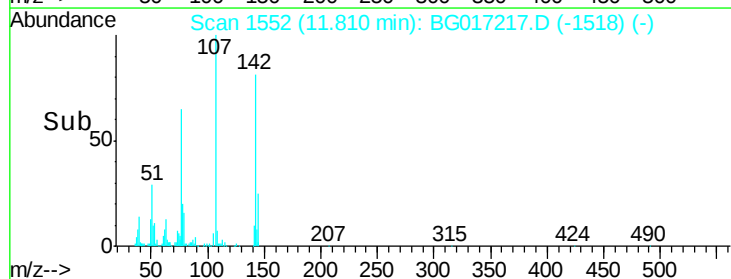
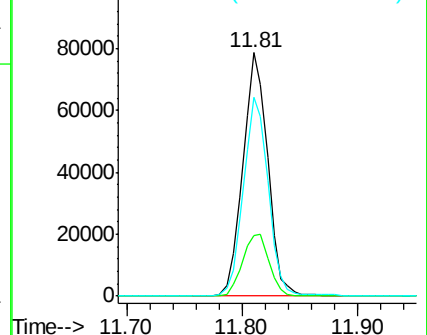
142 81.4 64.9 97.3

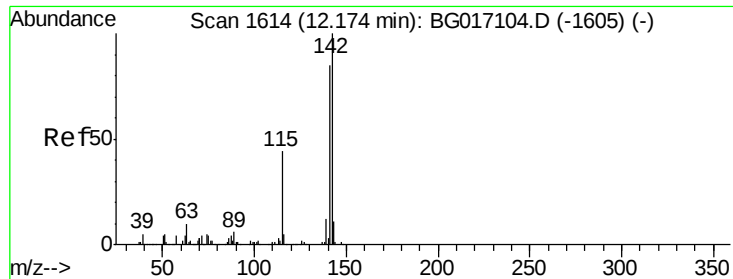


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

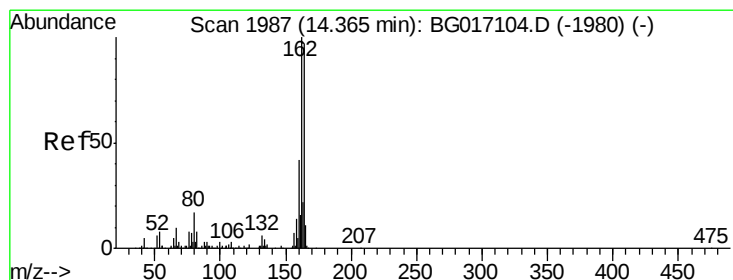
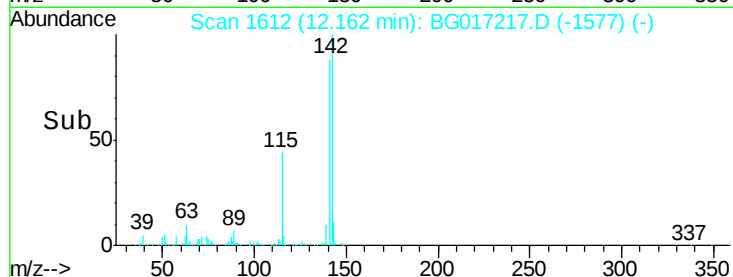
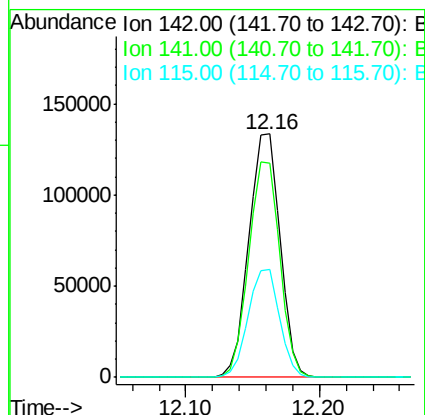
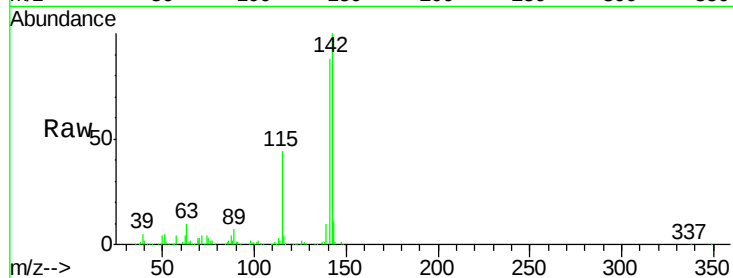




#37
2-Methylnaphthalene
Concen: 34.45 ng
RT: 12.16 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

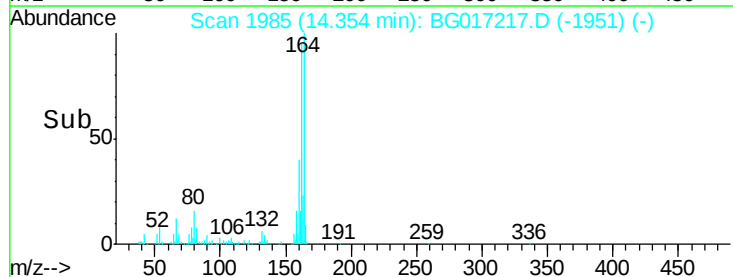
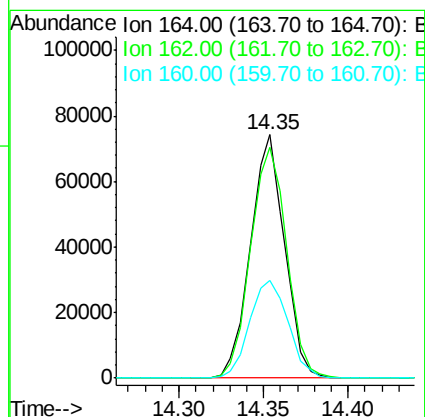
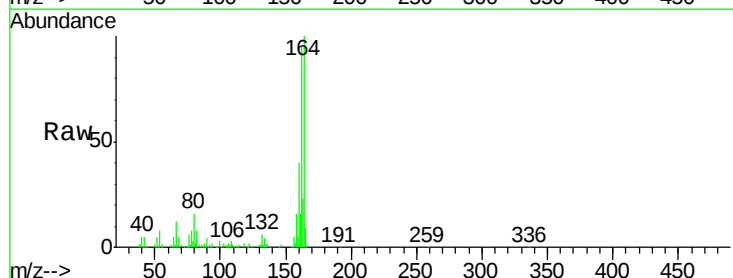
Instrument :
BNA_G
ClientSampleId :
PB83496BS

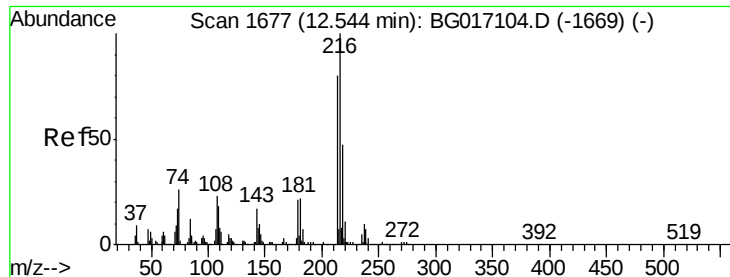
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.2	102.2
115	44.2	35.6	53.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	82.1	123.1
160	40.1	34.8	52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.82 ng

RT: 12.53 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

Tot Ion:216 Resp: 105222

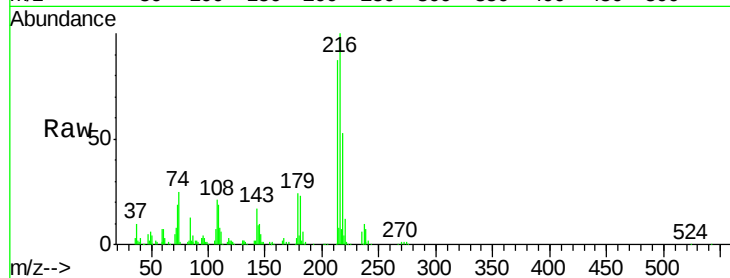
Ion Ratio Lower Upper

216 100

214 80.1 63.3 94.9

179 22.4 17.8 26.8

108 26.5 19.9 29.9

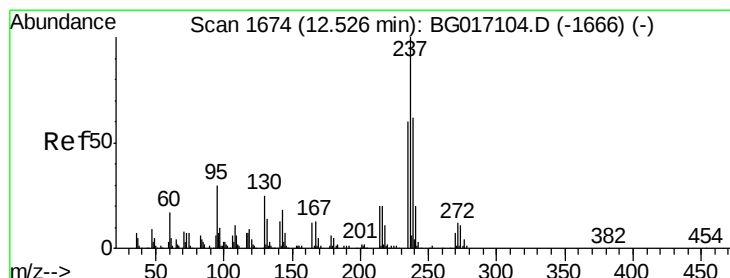
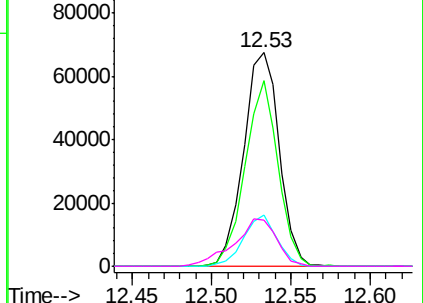
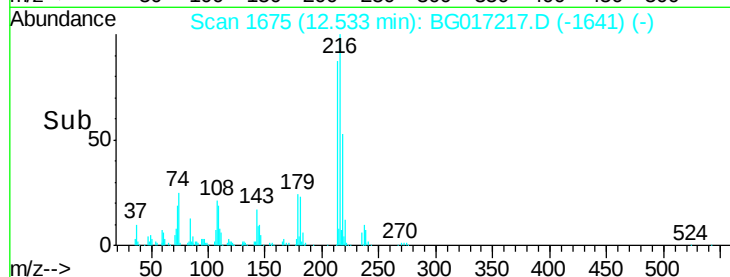


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.79 ng

RT: 12.51 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

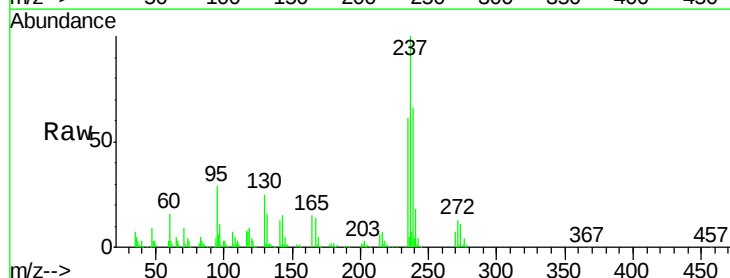
Tgt Ion:237 Resp: 137602

Ion Ratio Lower Upper

237 100

235 61.4 39.7 79.7

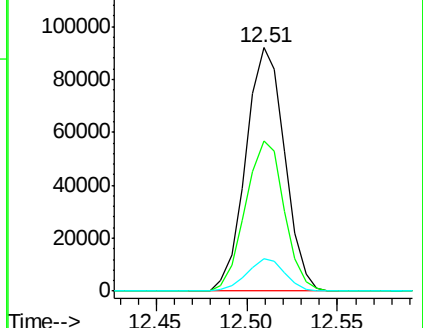
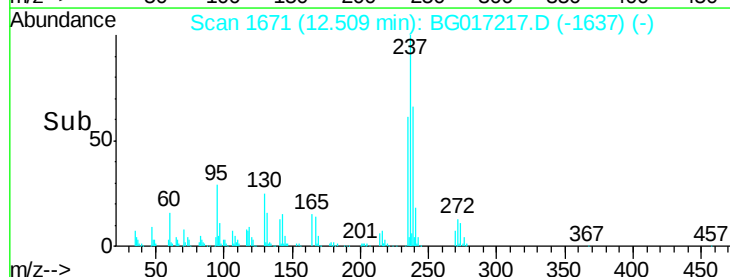
272 13.2 0.0 32.1



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

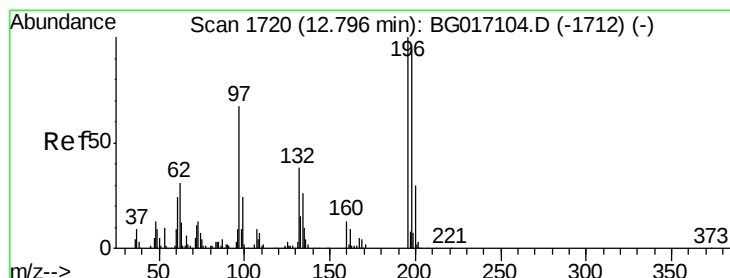
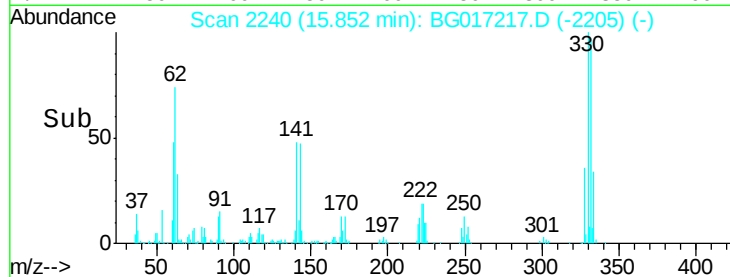
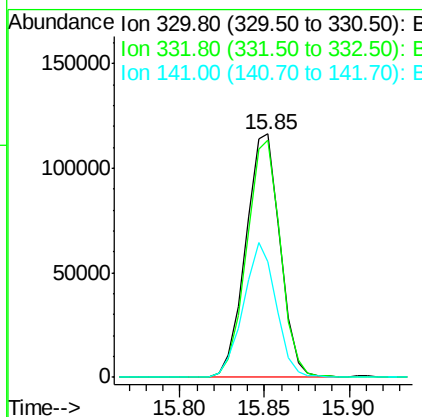
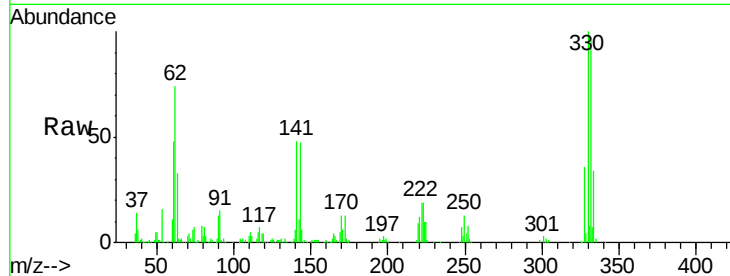




#41
 2,4,6-Tribromophenol
 Concen: 131.17 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

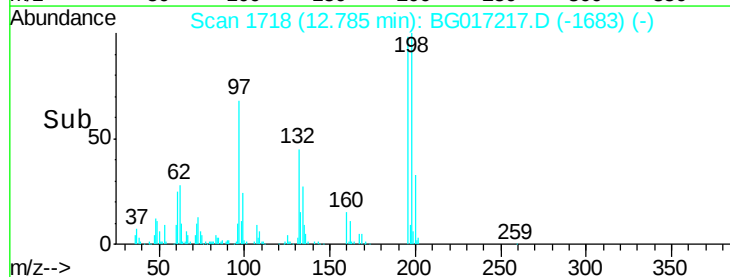
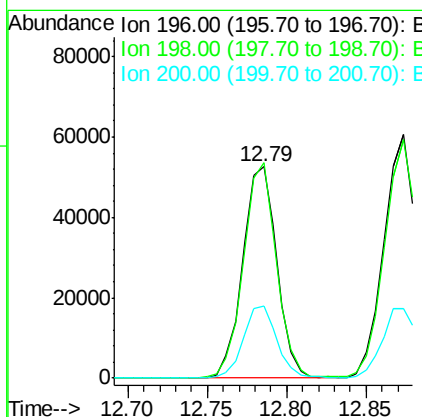
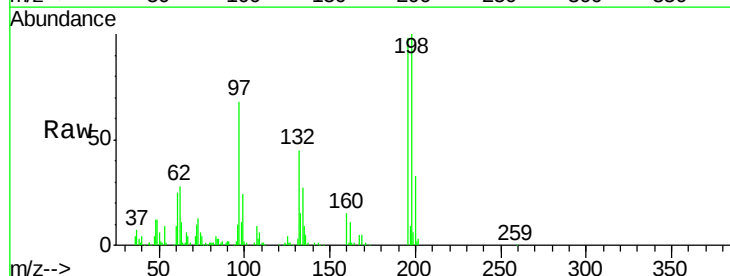
Instrument :
 BNA_G
 ClientSampleID :
 PB83496BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	52.8	42.2	63.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.85 ng
 RT: 12.79 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	74.9	112.3
200	33.8	24.2	36.2

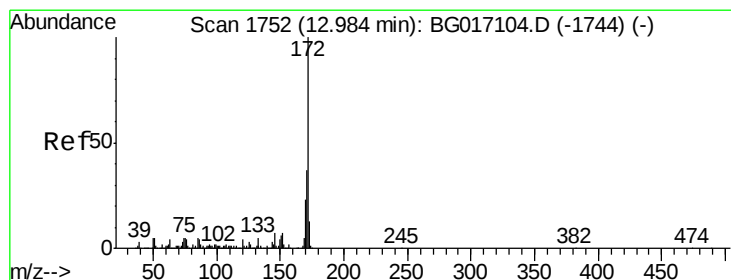
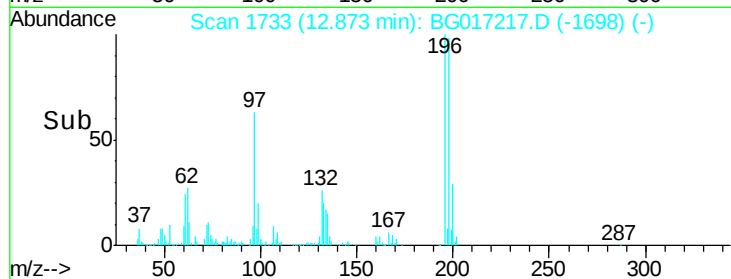
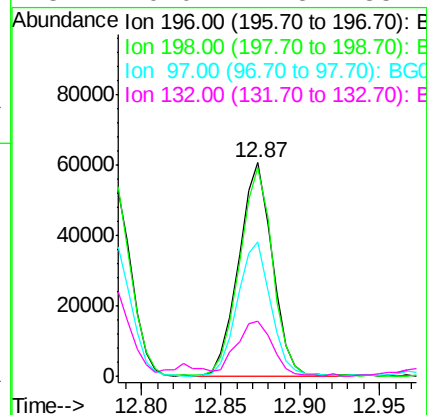
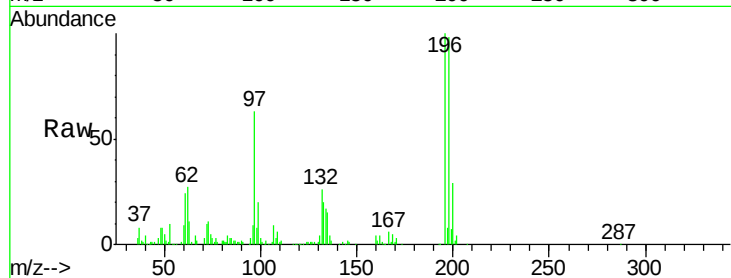




#43
2,4,5-Trichlorophenol
Concen: 41.28 ng
RT: 12.87 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

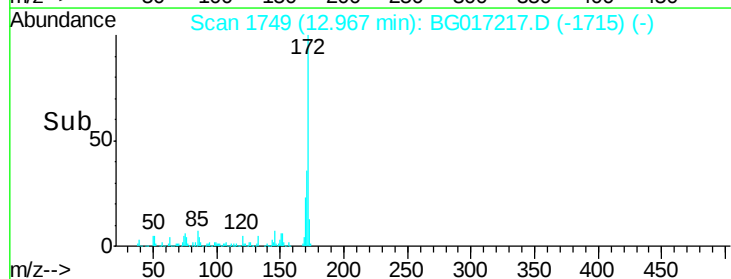
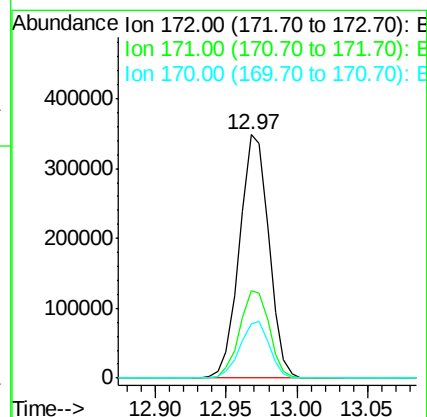
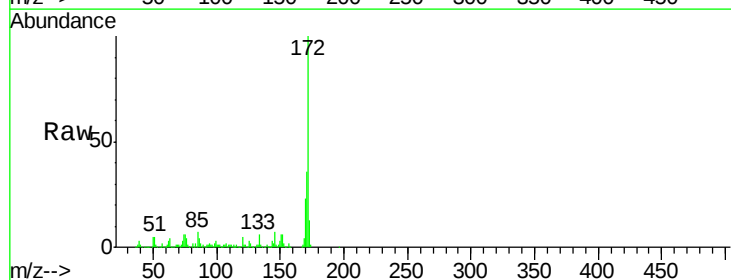
Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion:196 Resp: 88629
Ion Ratio Lower Upper
196 100
198 98.0 71.4 107.0
97 63.2 45.4 68.0
132 26.0 22.5 33.7



#44
2-Fluorobiphenyl
Concen: 71.51 ng
RT: 12.97 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:172 Resp: 506008
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 22.5 18.4 27.6

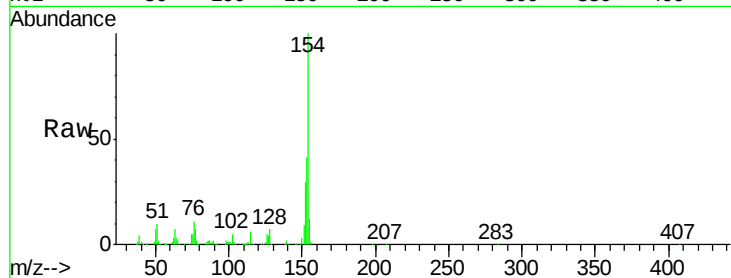




#45
 1,1'-Biphenyl
 Concen: 36.42 ng
 RT: 13.18 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	11.4	0.0	31.9

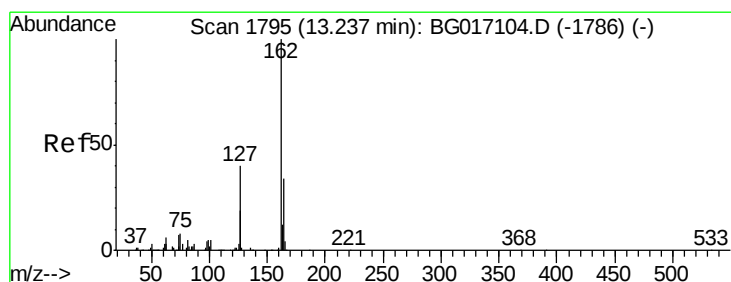
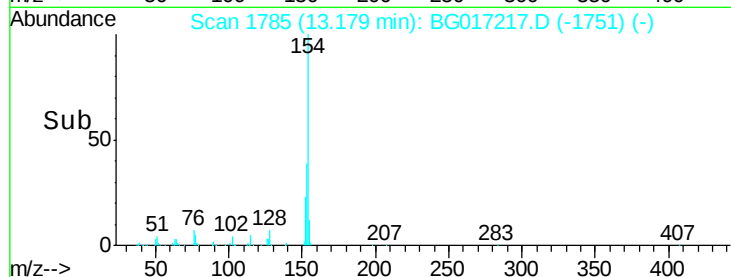
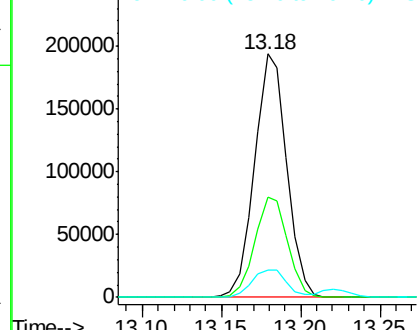


Abundance

Ion 154.00 (153.70 to 154.70): E

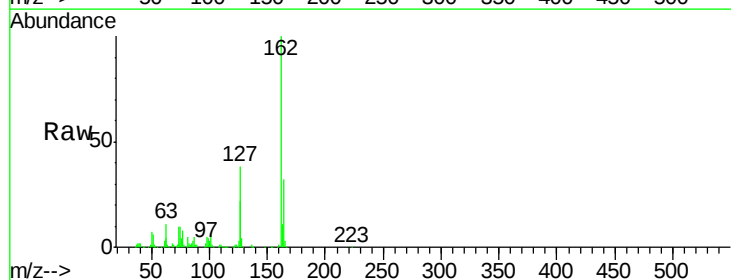
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46
 2-Chloronaphthalene
 Concen: 37.13 ng
 RT: 13.22 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.5	50.3
164	31.8	27.0	40.6

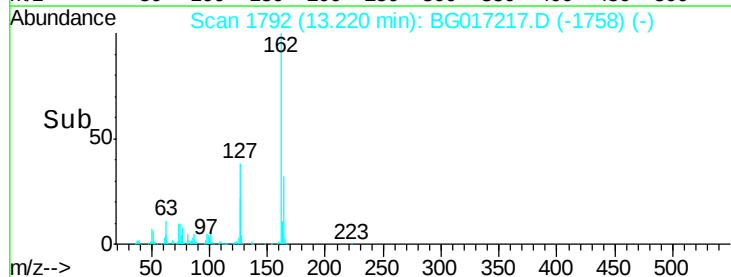
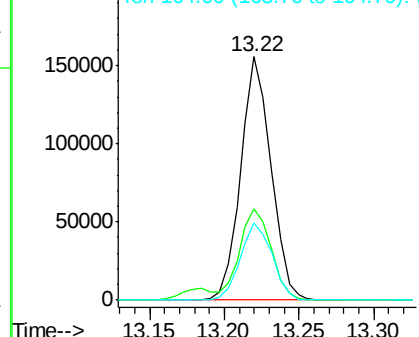


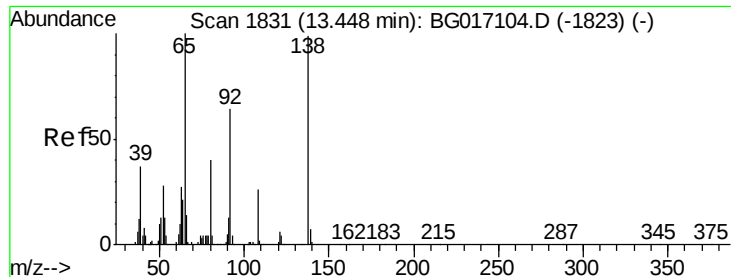
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.24 ng

RT: 13.44 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

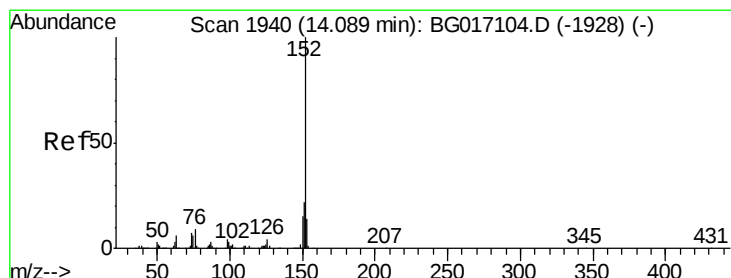
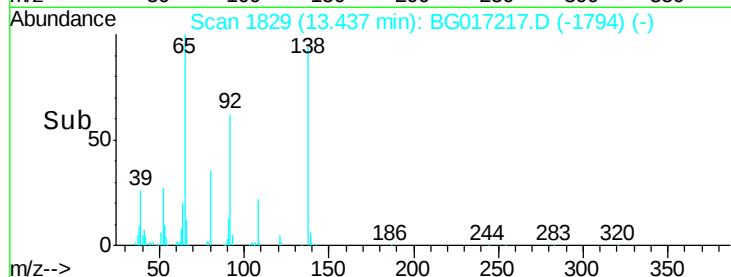
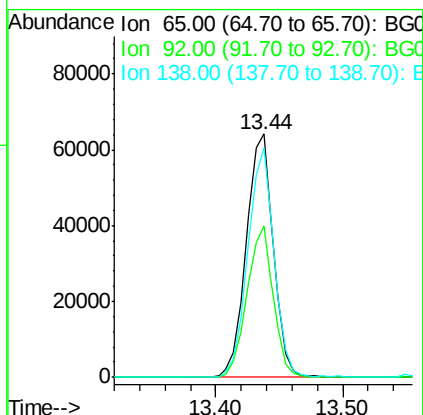
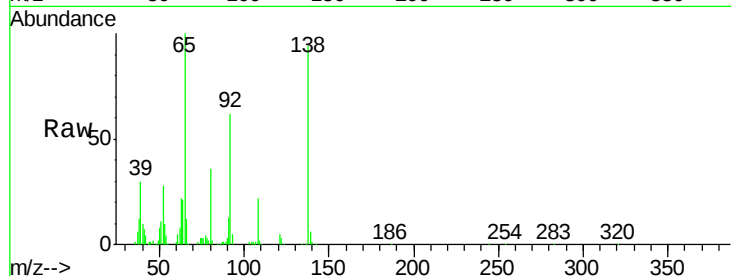
Tot Ion: 65 Resp: 95004

Ion Ratio Lower Upper

65 100

92 62.2 51.0 76.4

138 94.4 79.3 118.9



#48

Acenaphthylene

Concen: 37.28 ng

RT: 14.07 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

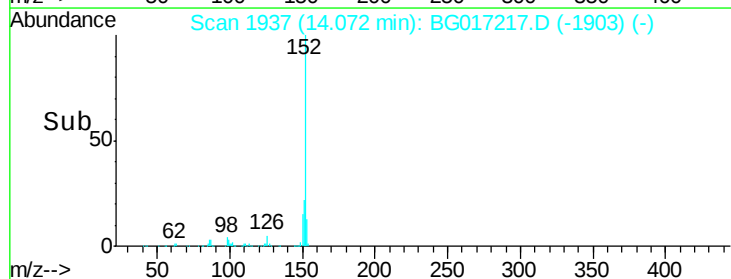
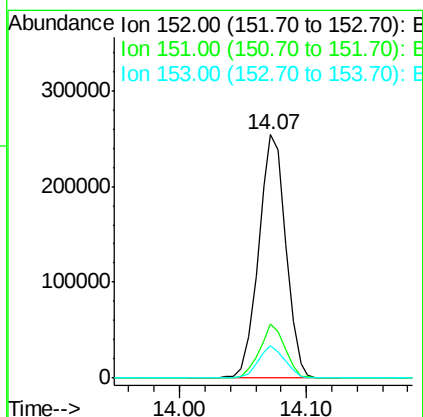
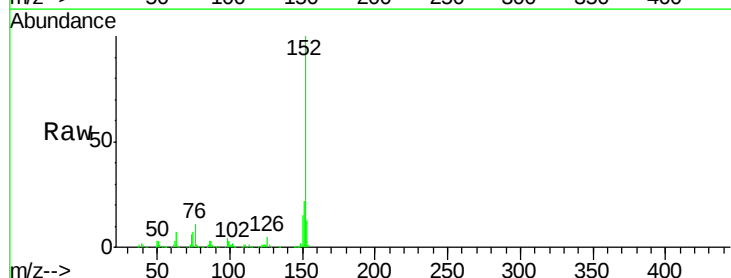
Tgt Ion: 152 Resp: 378044

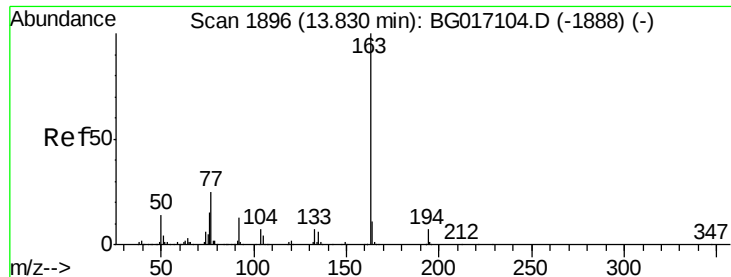
Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

153 13.1 10.8 16.2

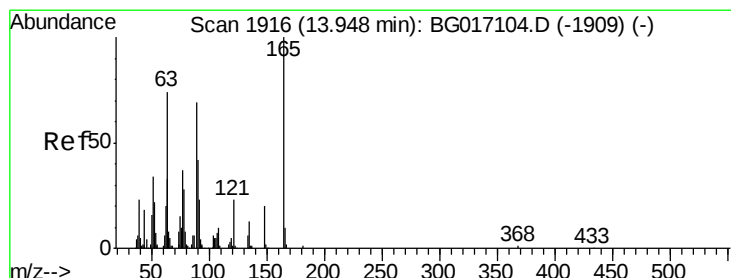
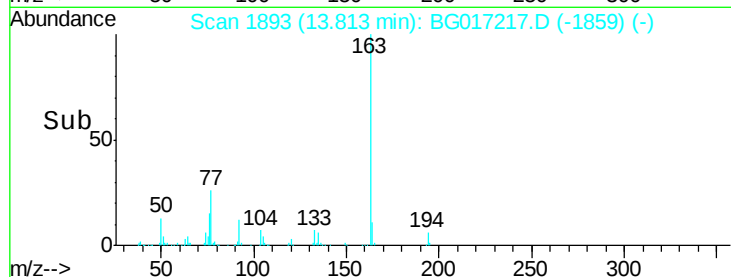
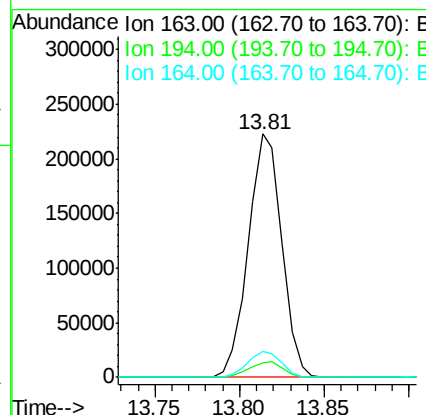
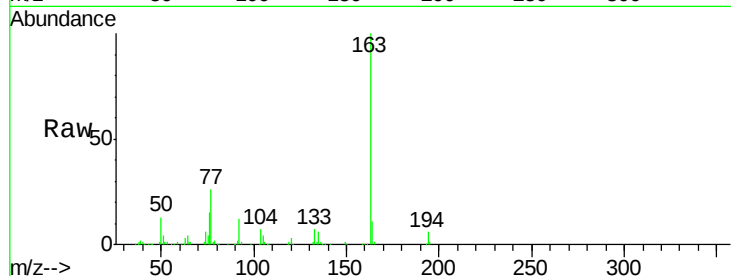




#49
Dimethylphthalate
Concen: 37.80 ng
RT: 13.81 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

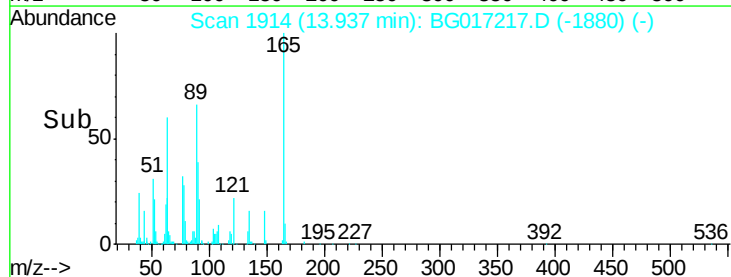
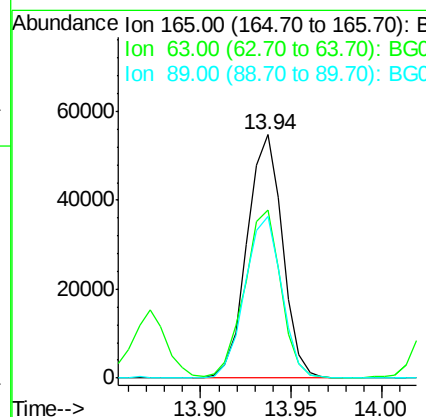
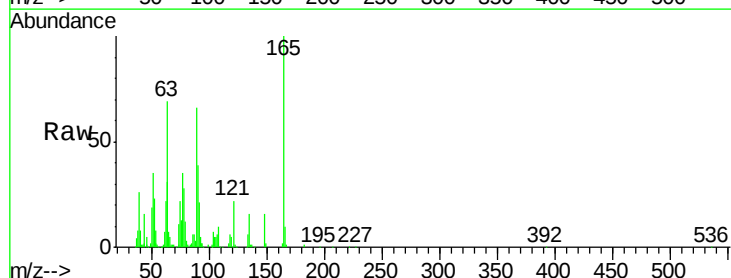
Instrument :
BNA_G
ClientSampleId :
PB83496BS

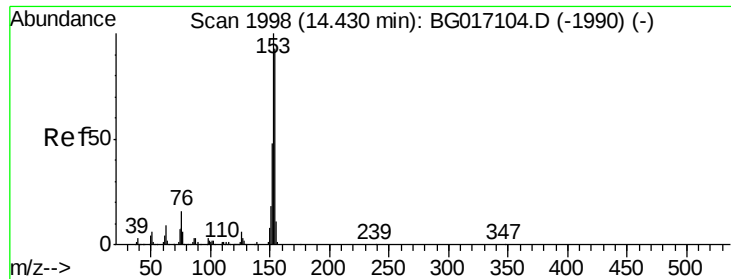
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.6	8.4
164	10.6	8.6	13.0



#50
2,6-Dinitrotoluene
Concen: 41.55 ng
RT: 13.94 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.2	60.6	90.8
89	66.5	55.0	82.6





#51

Acenaphthene

Concen: 37.62 ng

RT: 14.42 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

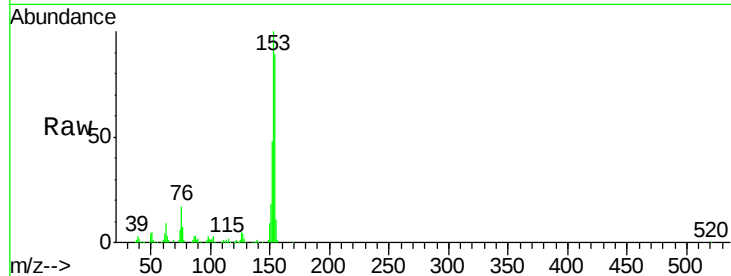
Tot Ion:154 Resp: 225366

Ion Ratio Lower Upper

154 100

153 112.4 86.2 129.4

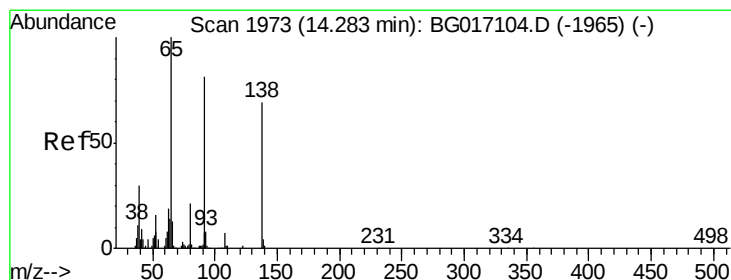
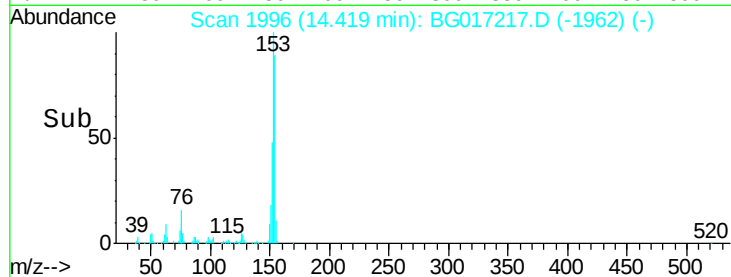
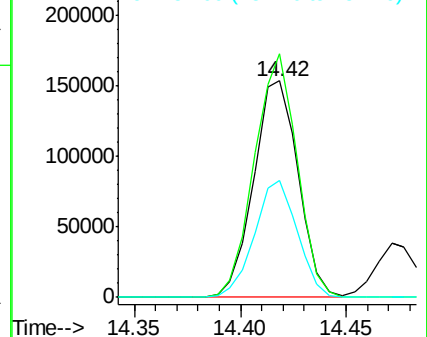
152 54.1 41.5 62.3



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: 31.23 ng

RT: 14.27 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

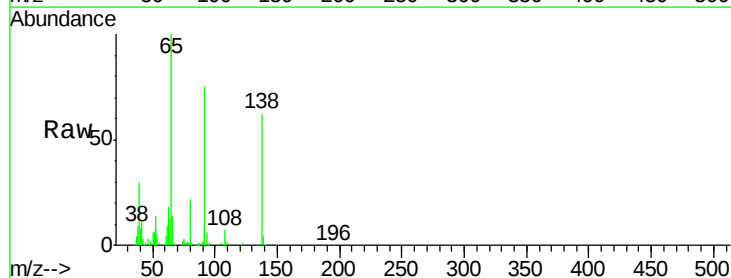
Tgt Ion:138 Resp: 62334

Ion Ratio Lower Upper

138 100

108 10.7 7.6 11.4

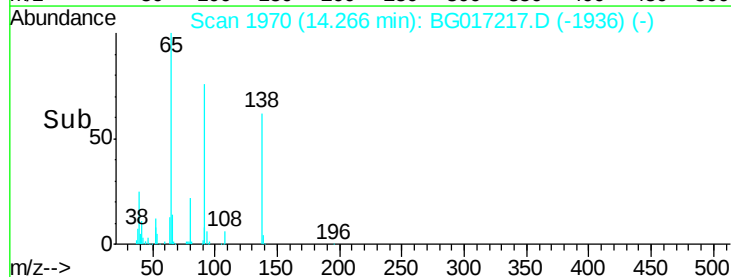
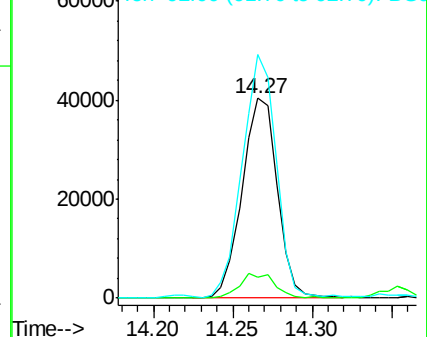
92 121.7 93.6 140.4

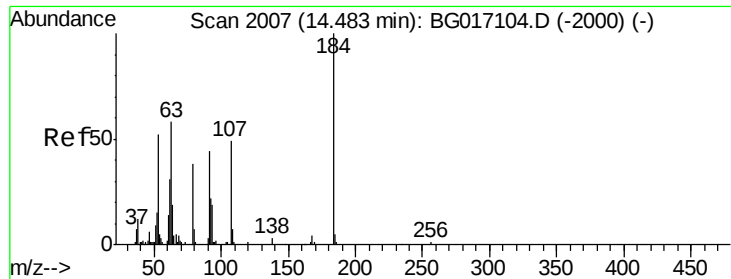


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 83.67 ng

RT: 14.47 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

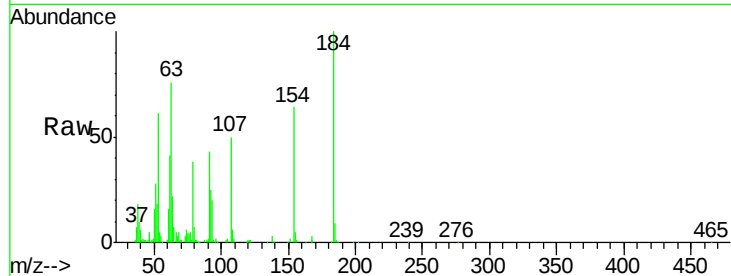
Tot Ion:184 Resp: 87397

Ion Ratio Lower Upper

184 100

63 75.8 63.6 95.4

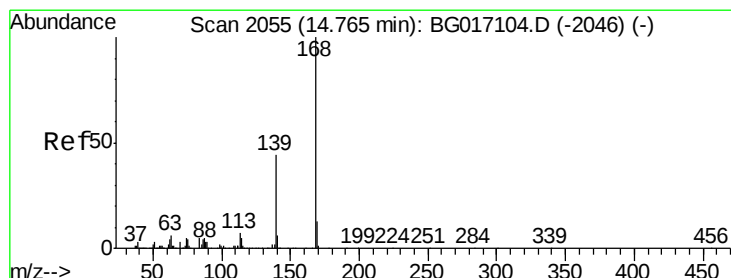
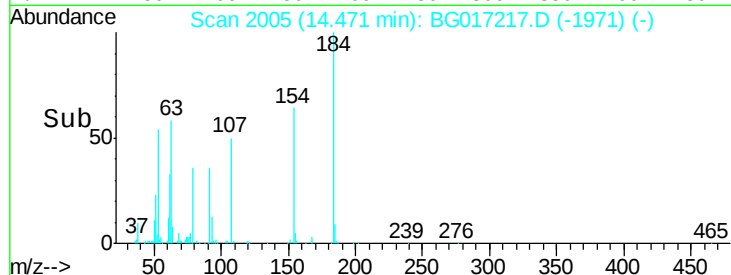
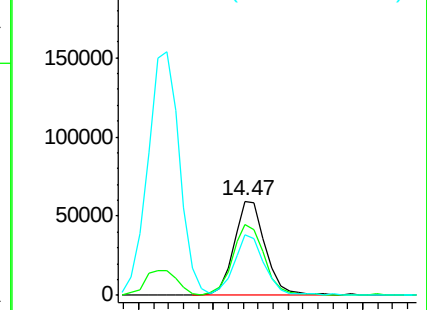
154 64.3 47.8 71.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.84 ng

RT: 14.75 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

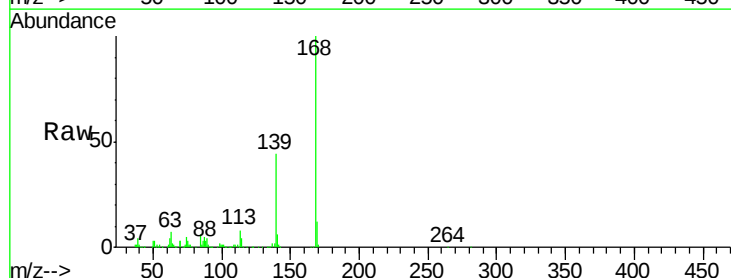
Tgt Ion:168 Resp: 345876

Ion Ratio Lower Upper

168 100

139 43.6 34.9 52.3

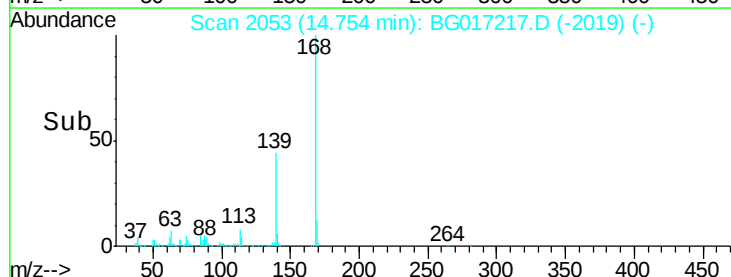
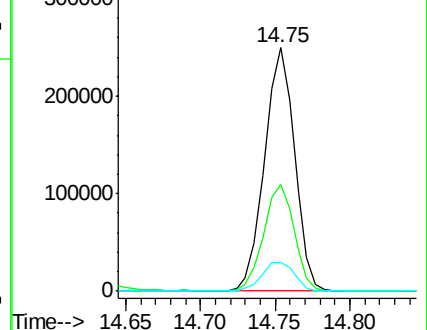
169 11.9 10.5 15.7

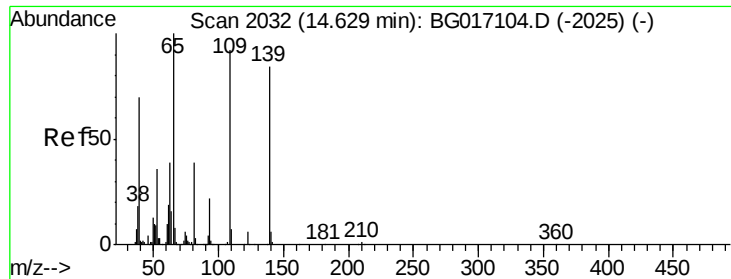


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

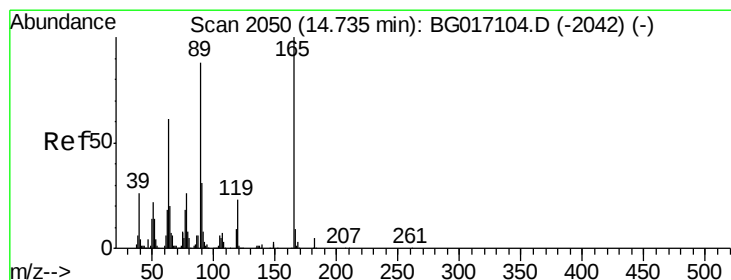
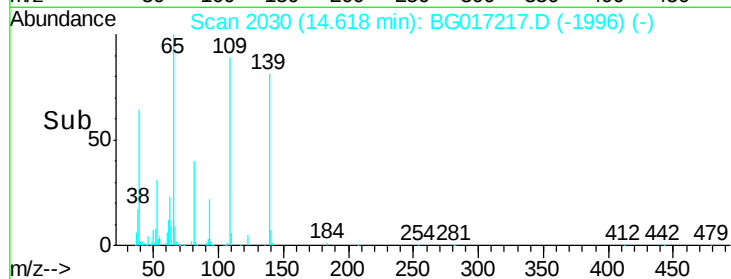
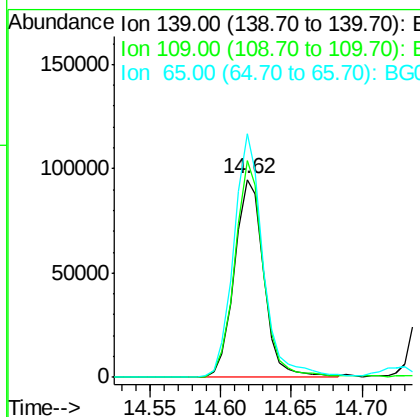
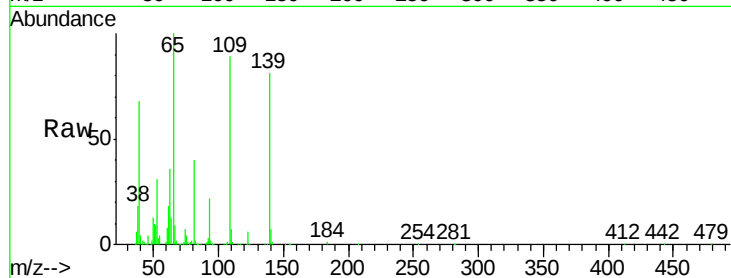




#55
4-Nitrophenol
Concen: 85.67 ng
RT: 14.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

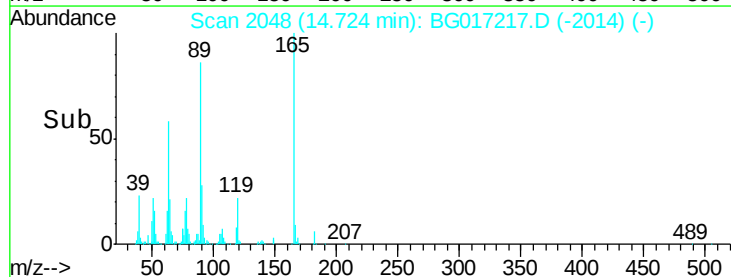
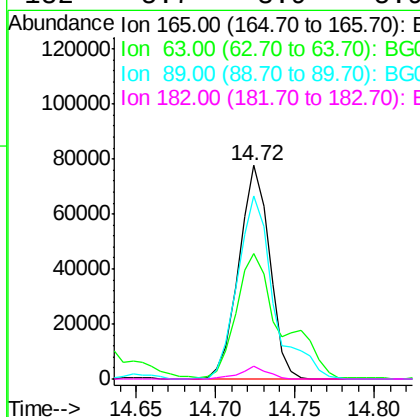
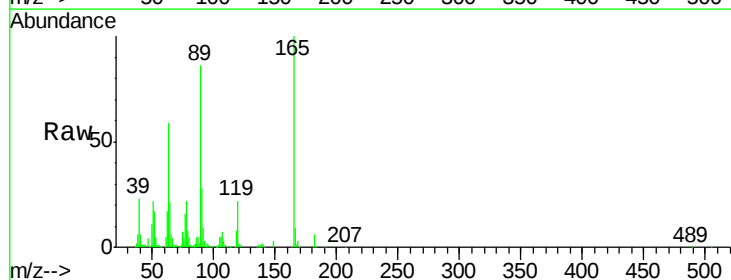
Instrument :
BNA_G
ClientSampleId :
PB83496BS

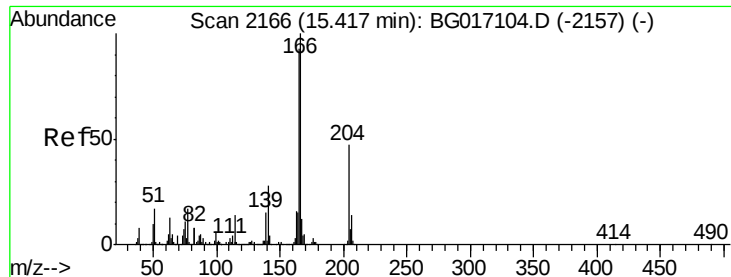
Tot Ion:139 Resp: 137689
Ion Ratio Lower Upper
139 100
109 109.3 90.5 130.5
65 123.0 99.9 139.9



#56
2,4-Dinitrotoluene
Concen: 41.68 ng
RT: 14.72 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:165 Resp: 104587
Ion Ratio Lower Upper
165 100
63 58.8 49.0 73.4
89 85.5 70.1 105.1
182 5.7 3.9 5.9





#57

Fluorene

Concen: 40.30 ng

RT: 15.41 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

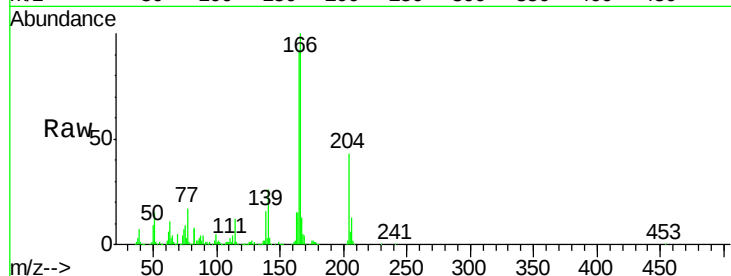
Tot Ion:166 Resp: 317651

Ion Ratio Lower Upper

166 100

165 91.7 74.2 111.4

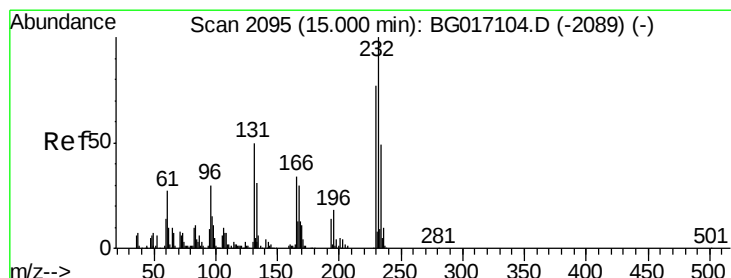
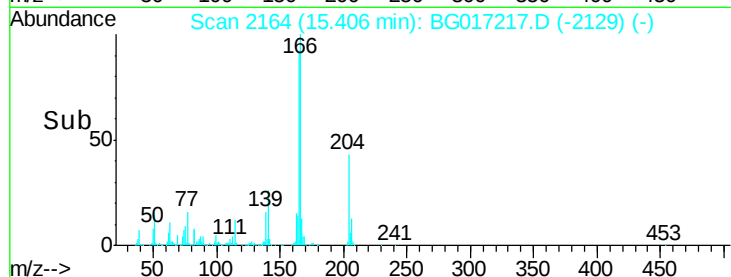
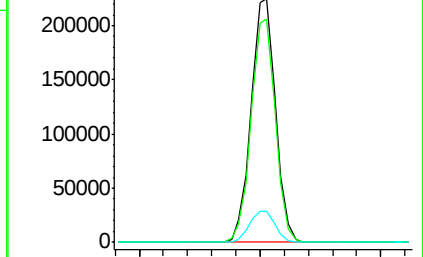
167 12.8 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.79 ng

RT: 14.99 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Tgt Ion:232 Resp: 86275

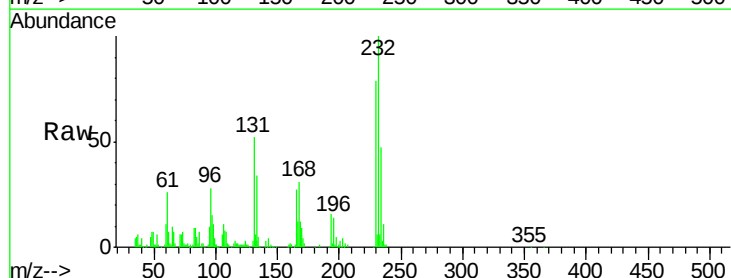
Ion Ratio Lower Upper

232 100

131 53.4 42.7 64.1

130 4.1 3.0 4.4

166 31.0 25.7 38.5

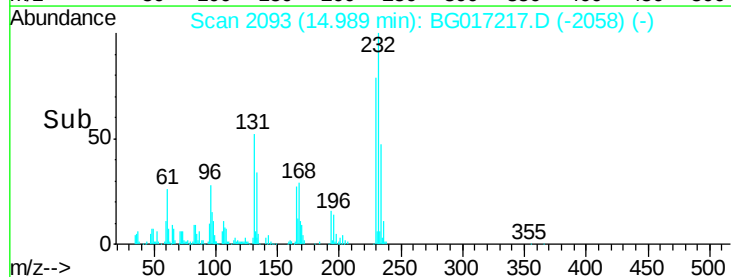
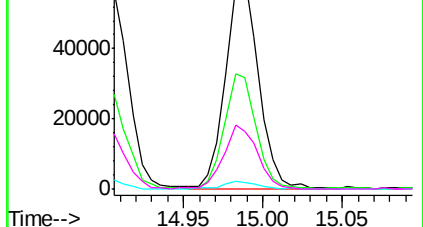


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.65 ng

RT: 15.18 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

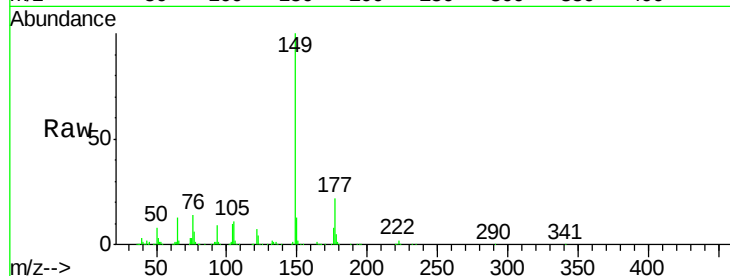
Tot Ion:149 Resp: 337047

Ion Ratio Lower Upper

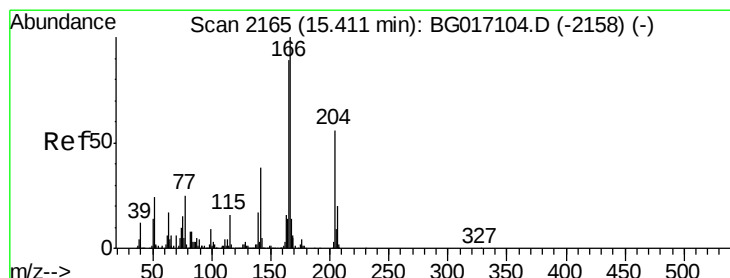
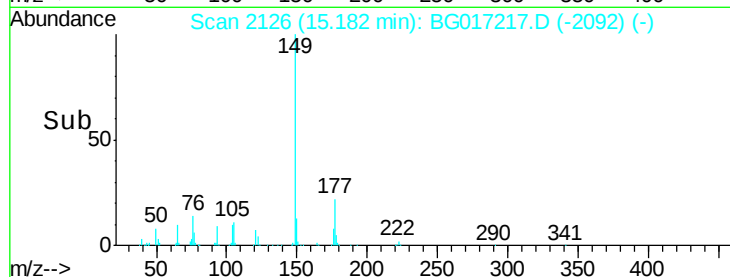
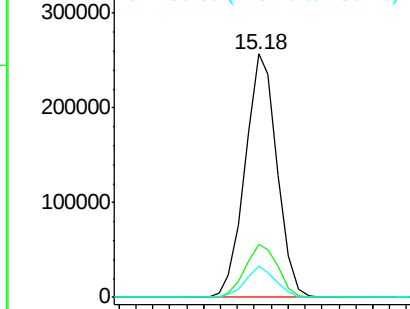
149 100

177 21.9 18.3 27.5

150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.41 ng

RT: 15.40 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

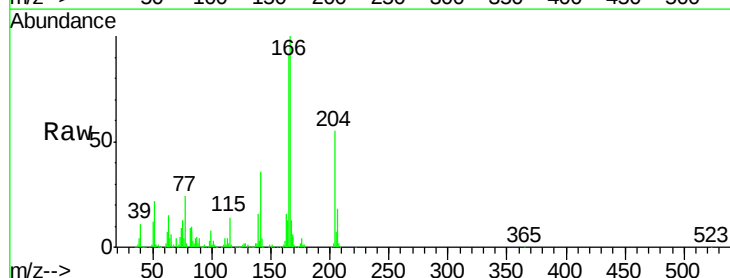
Tgt Ion:204 Resp: 159550

Ion Ratio Lower Upper

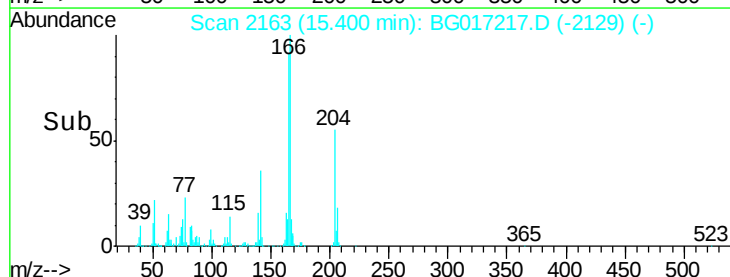
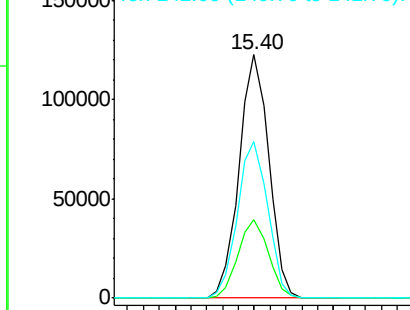
204 100

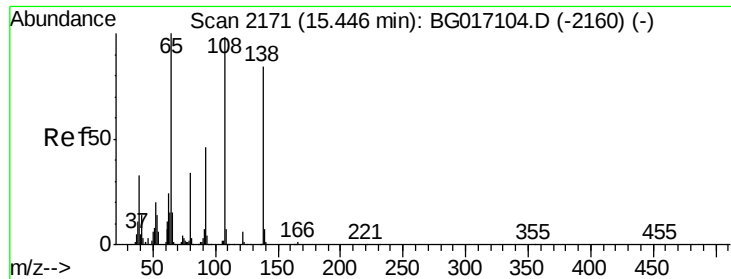
206 32.1 28.6 42.8

141 64.4 54.2 81.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

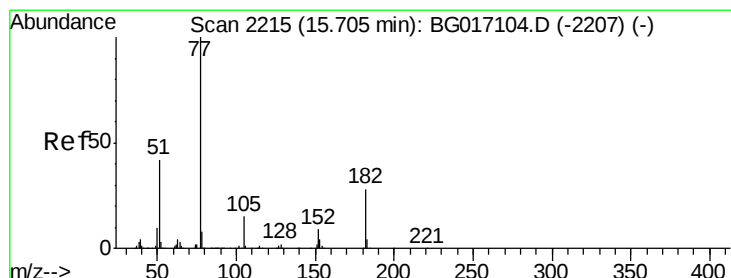
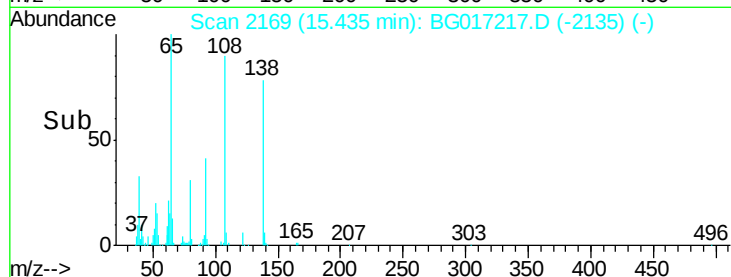
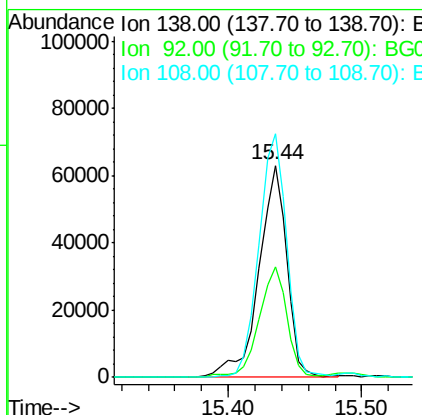
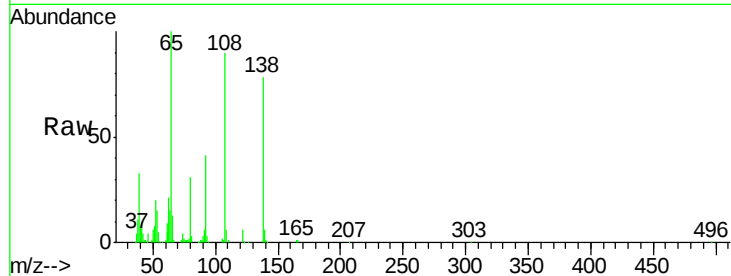




#61
4-Nitroaniline
Concen: 41.09 ng
RT: 15.44 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

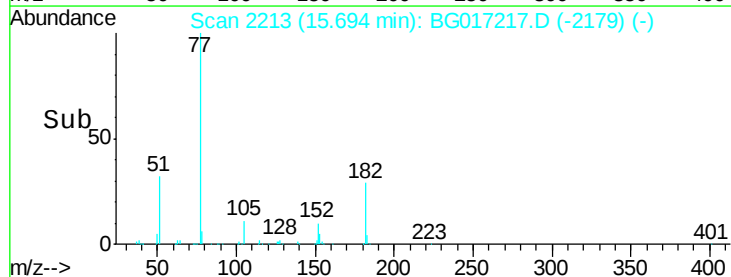
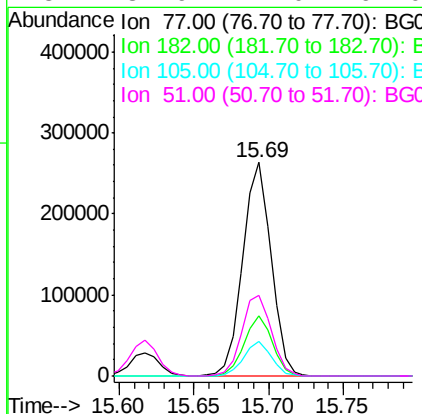
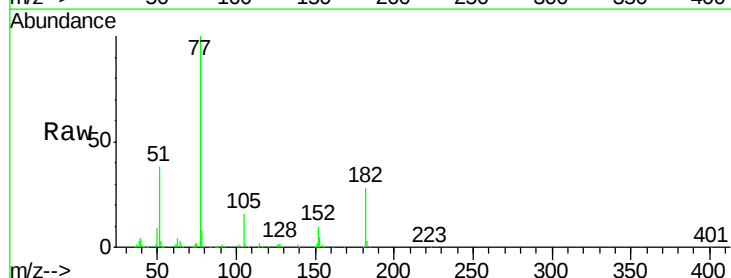
Instrument :
BNA_G
ClientSampleId :
PB83496BS

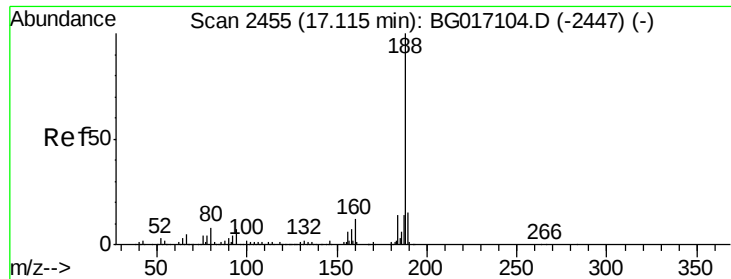
Tot Ion:138 Resp: 91513
Ion Ratio Lower Upper
138 100
92 52.0 34.9 74.9
108 114.8 95.8 135.8



#62
Azobenzene
Concen: 41.48 ng
RT: 15.69 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion: 77 Resp: 345542
Ion Ratio Lower Upper
77 100
182 28.3 8.1 48.1
105 15.9 0.0 34.8
51 37.9 22.0 62.0

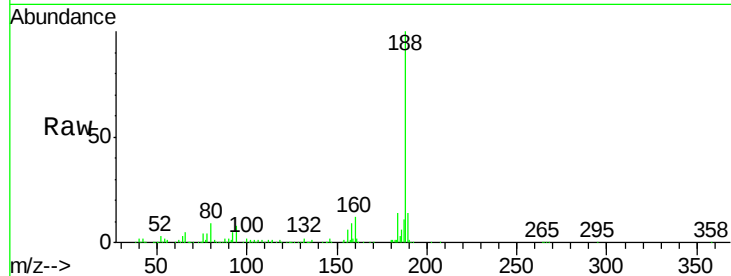




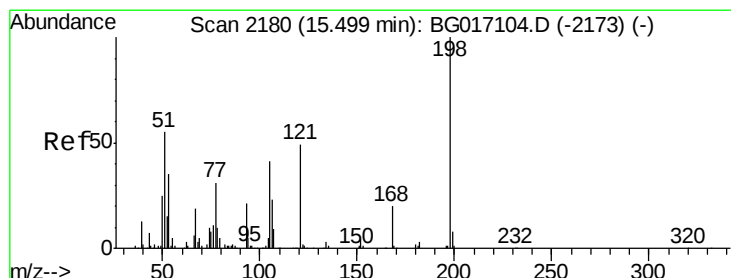
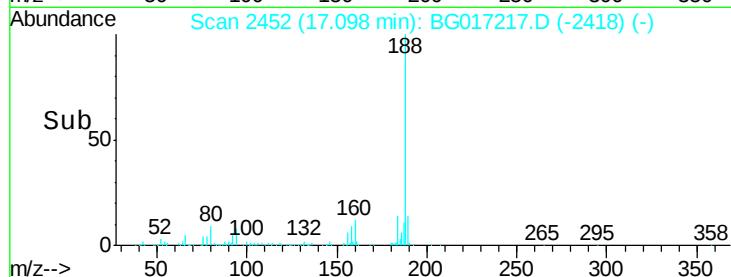
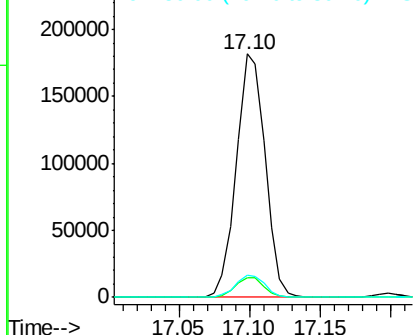
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	9.4	6.5	9.7

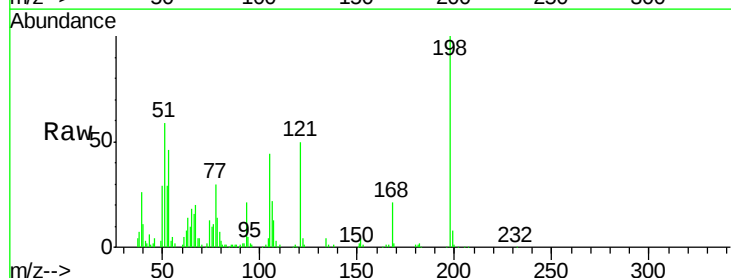


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

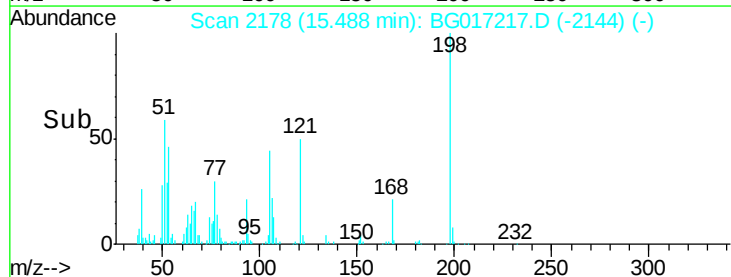
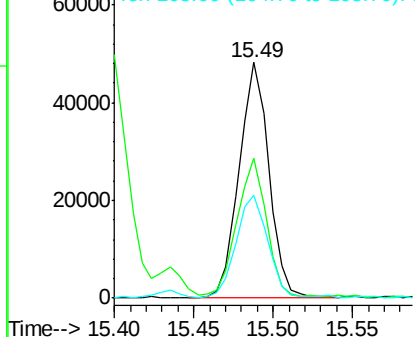


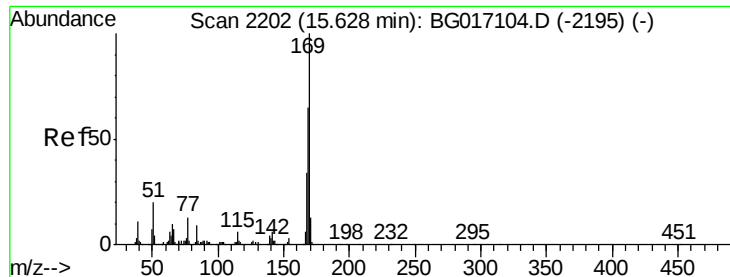
#64
4,6-Dinitro-2-methylphenol
Concen: 35.51 ng
RT: 15.49 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.3	39.9	79.9
105	43.6	22.0	62.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.22 ng

RT: 15.62 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

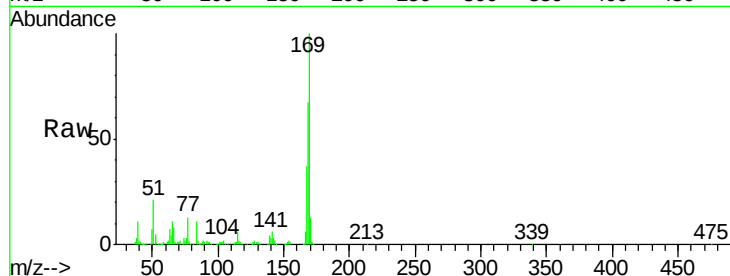
Tot Ion:169 Resp: 280271

Ion Ratio Lower Upper

169 100

168 66.5 51.7 77.5

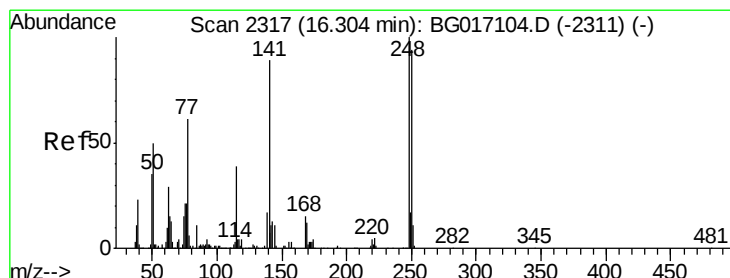
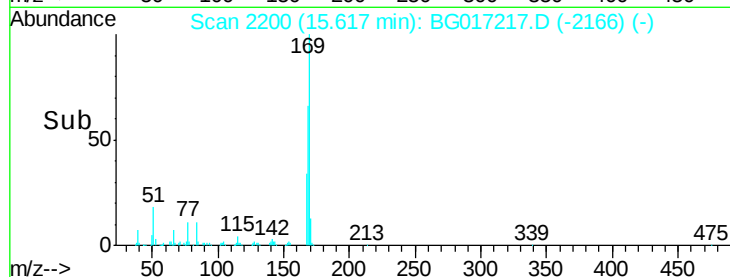
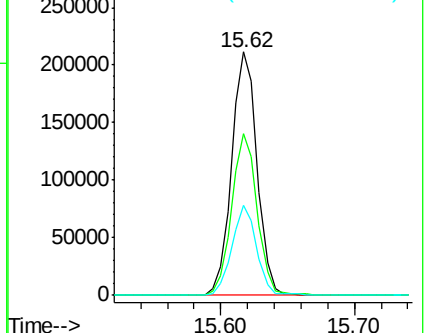
167 37.2 27.4 41.0



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: 35.00 ng

RT: 16.29 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

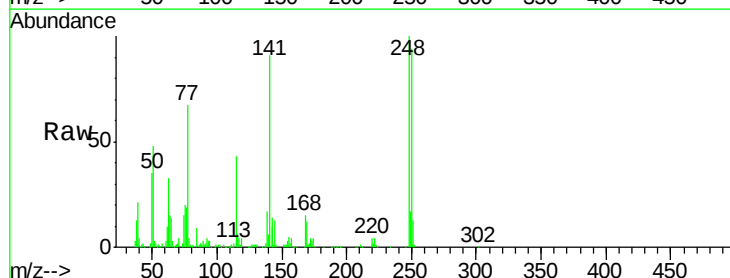
Tgt Ion:248 Resp: 98968

Ion Ratio Lower Upper

248 100

250 94.4 75.0 112.4

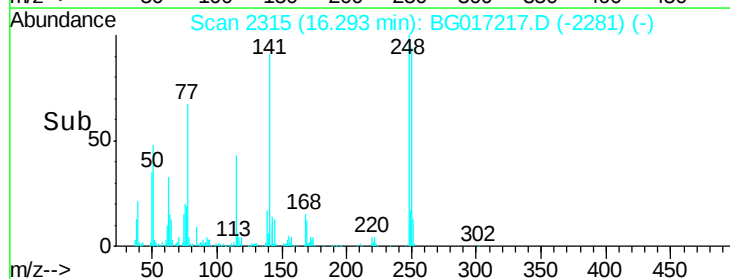
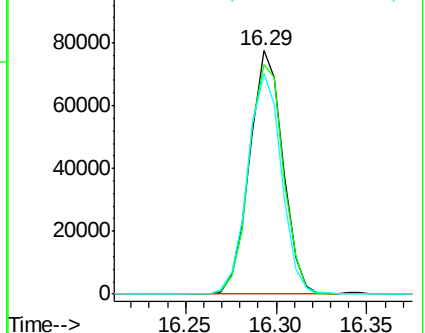
141 90.7 71.3 106.9

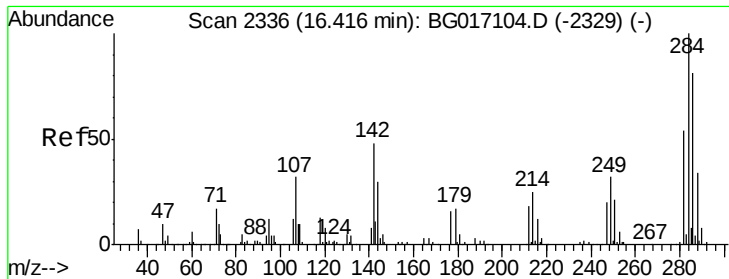


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

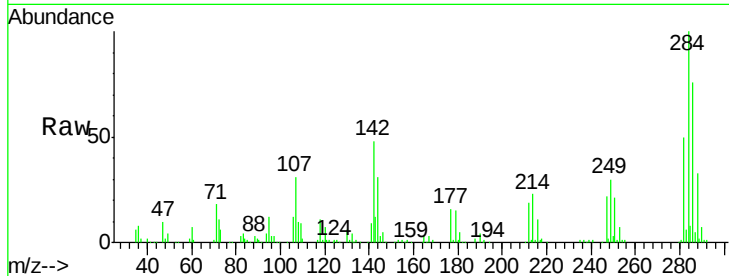




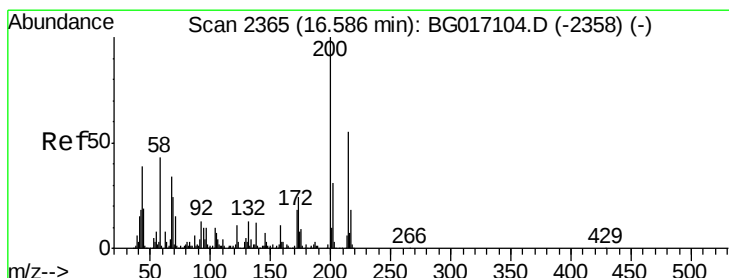
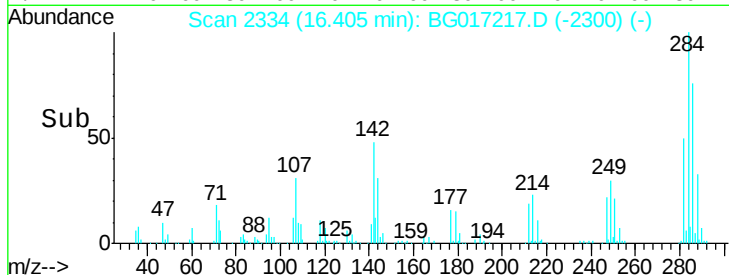
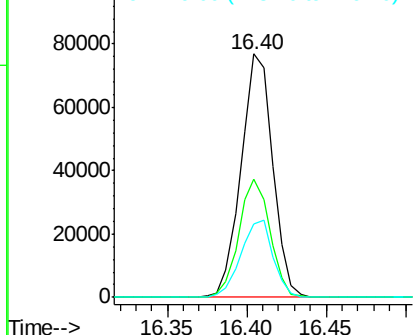
#67
Hexachlorobenzene
Concen: 35.60 ng
RT: 16.40 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion:284 Resp: 106219
Ion Ratio Lower Upper
284 100
142 48.3 38.2 57.2
249 30.4 25.2 37.8

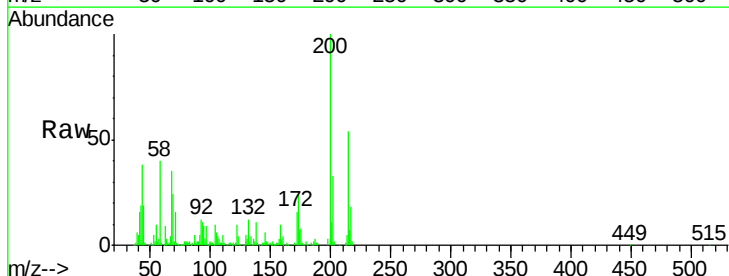


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

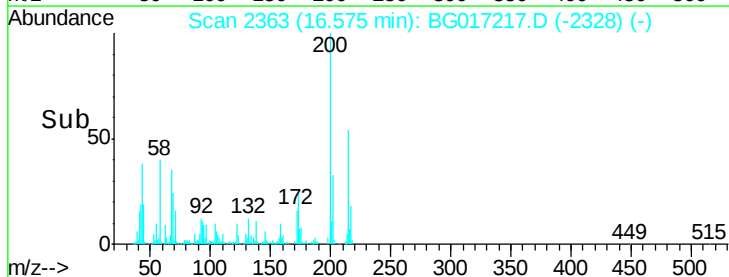
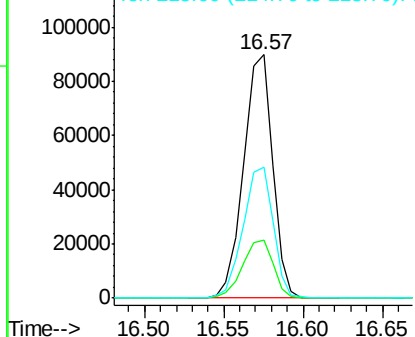


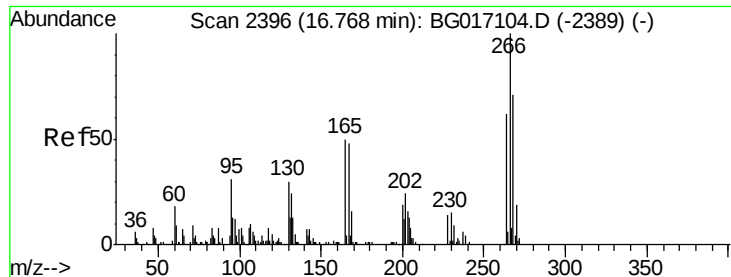
#68
Atrazine
Concen: 39.44 ng
RT: 16.57 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion:200 Resp: 114835
Ion Ratio Lower Upper
200 100
173 23.9 3.7 43.7
215 53.7 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

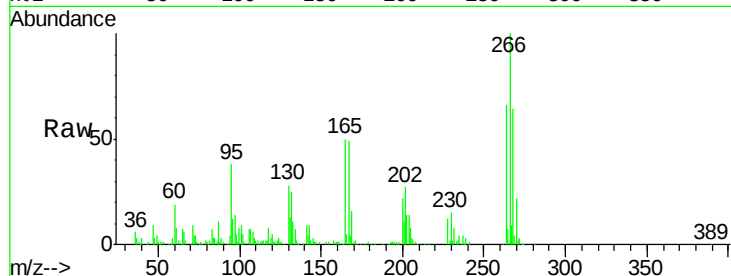




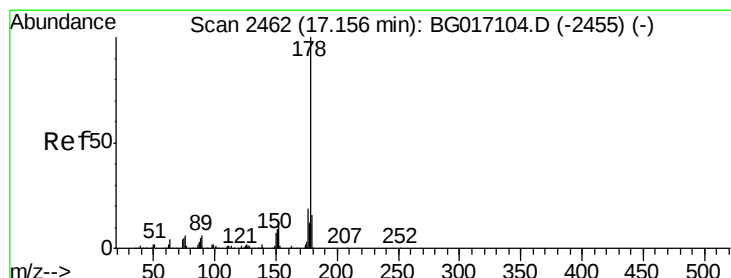
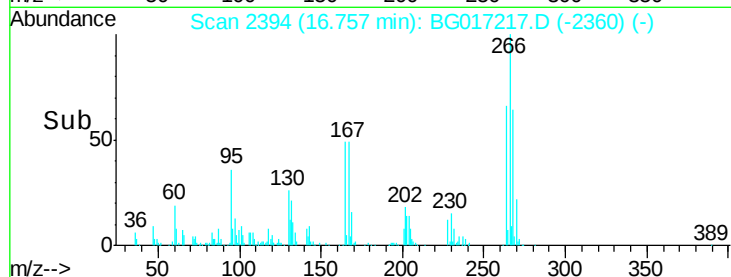
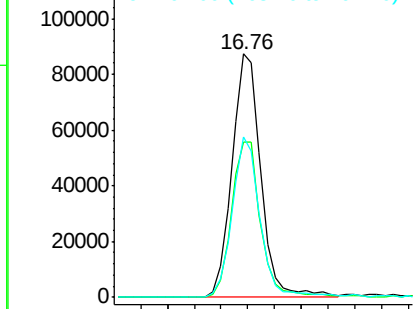
#69
 Pentachlorophenol
 Concen: 70.68 ng
 RT: 16.76 min Scan# 2394
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	56.6	84.8
264	65.9	49.4	74.0

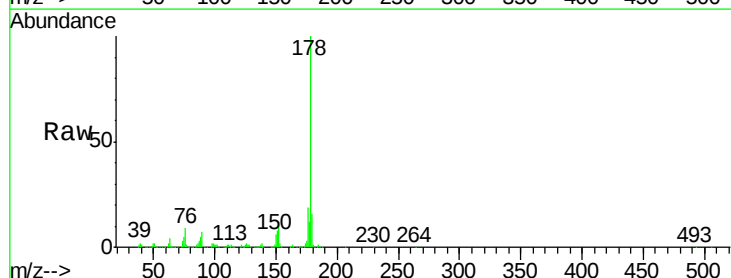


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

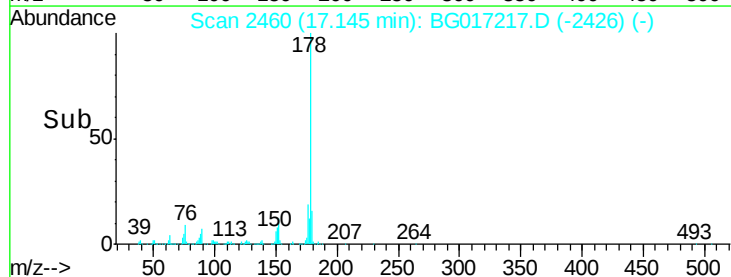
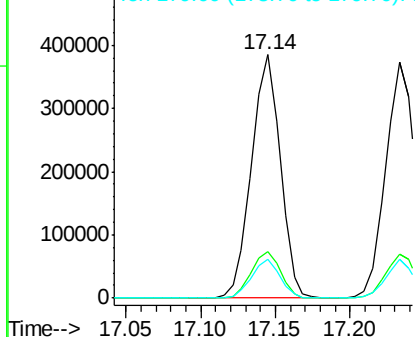


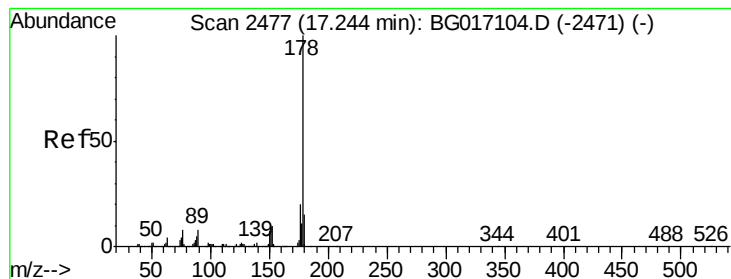
#70
 Phenanthrene
 Concen: 38.26 ng
 RT: 17.14 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.90 ng

RT: 17.23 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

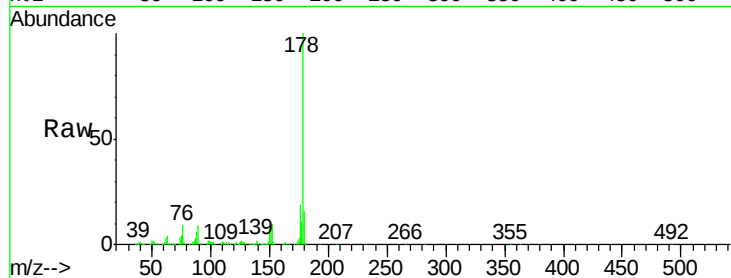
Tot Ion:178 Resp: 513555

Ion Ratio Lower Upper

178 100

176 18.7 16.3 24.5

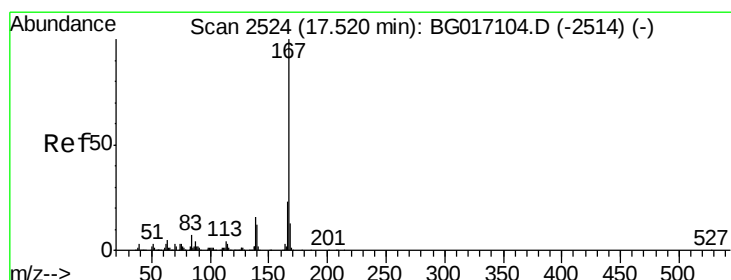
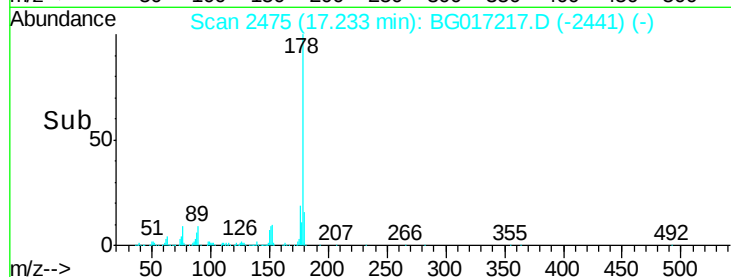
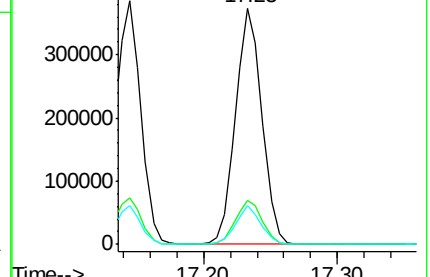
179 16.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.54 ng

RT: 17.51 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

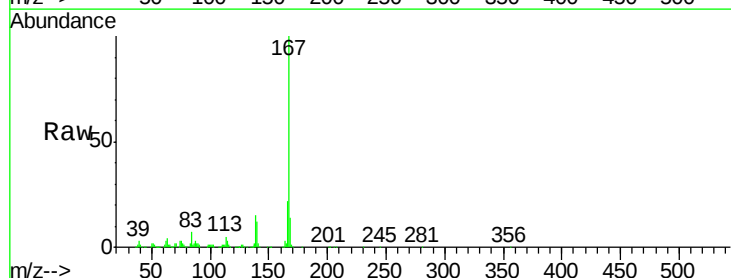
Tgt Ion:167 Resp: 504653

Ion Ratio Lower Upper

167 100

166 22.3 18.4 27.6

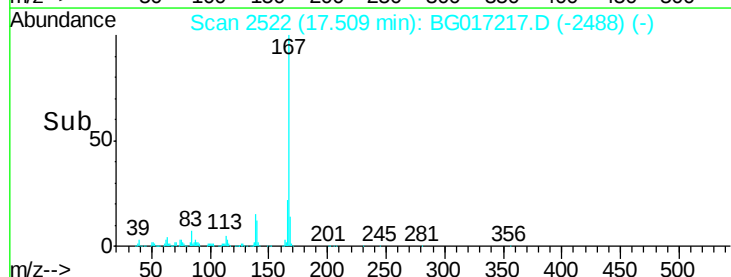
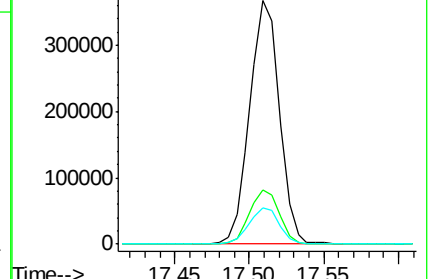
139 14.7 13.0 19.4

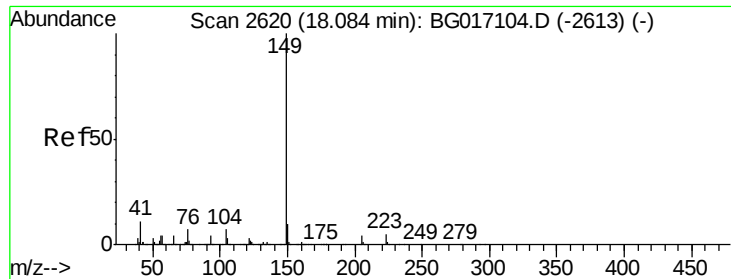


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

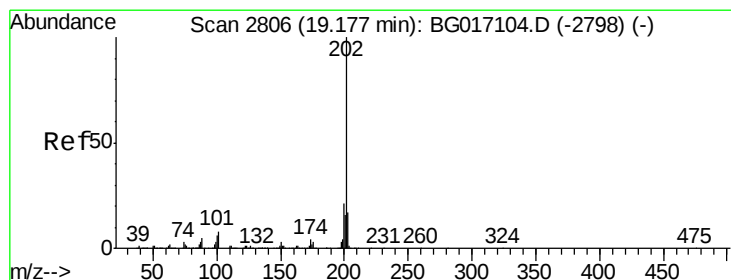
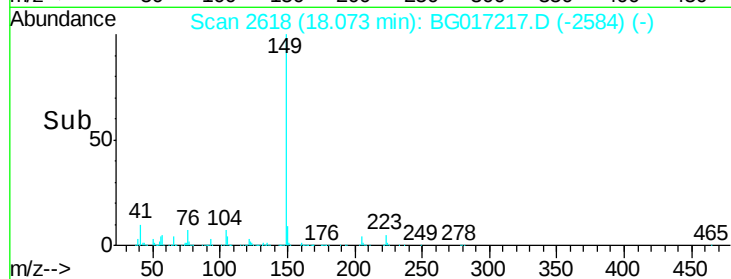
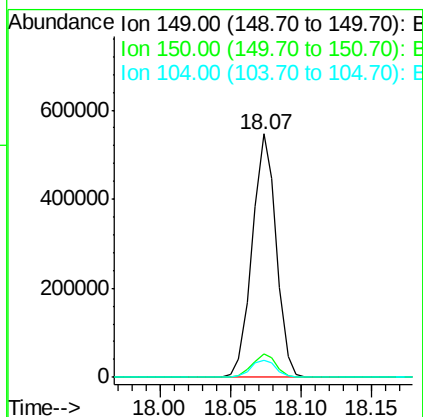
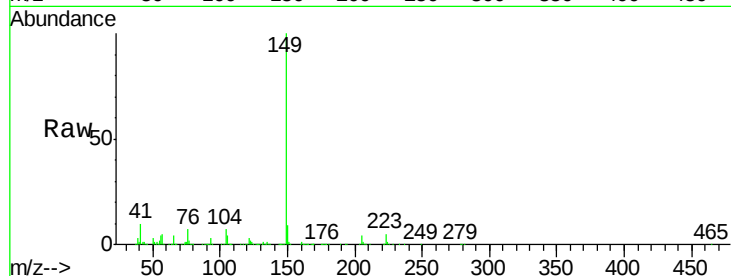




#73
Di-n-butylphthalate
Concen: 39.18 ng
RT: 18.07 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

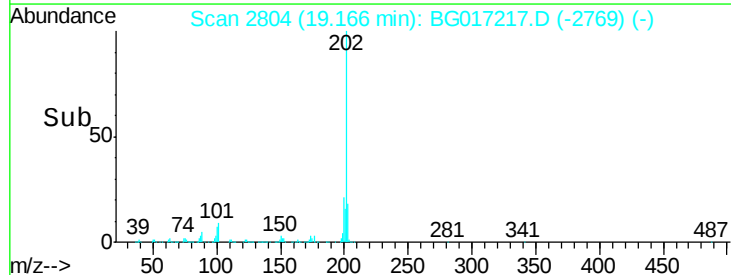
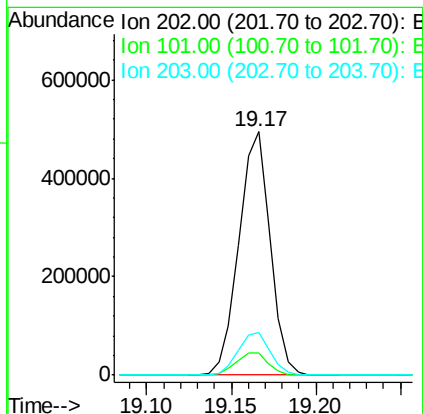
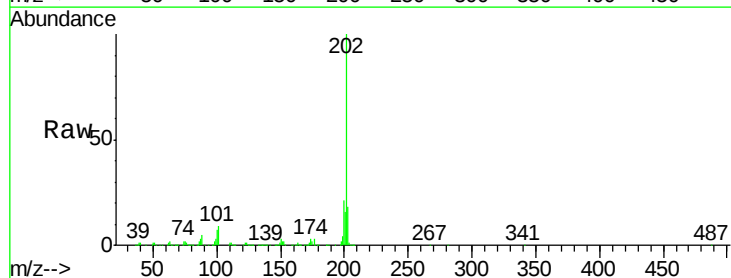
Instrument :
BNA_G
ClientSampleId :
PB83496BS

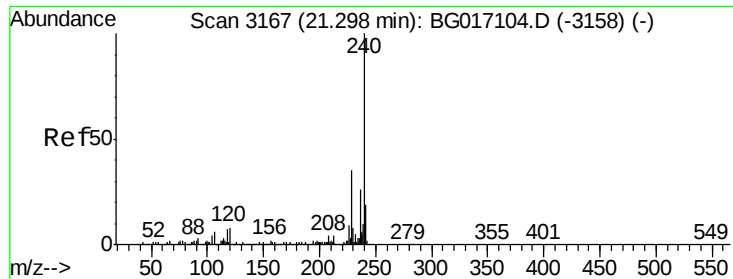
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.4
104	7.2	5.7	8.5



#74
Fluoranthene
Concen: 39.65 ng
RT: 19.17 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.3
203	17.8	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

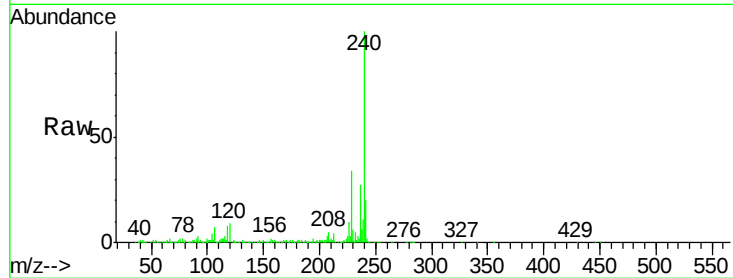
Tot Ion:240 Resp: 298668

Ion Ratio Lower Upper

240 100

120 9.1 6.0 9.0#

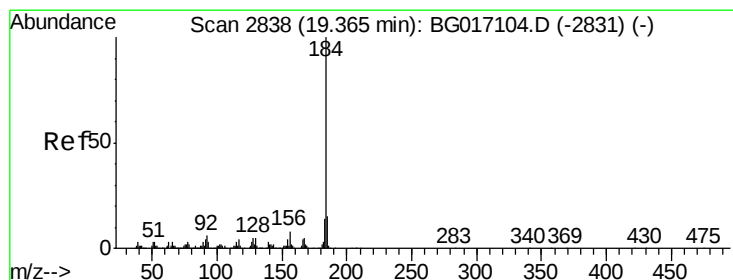
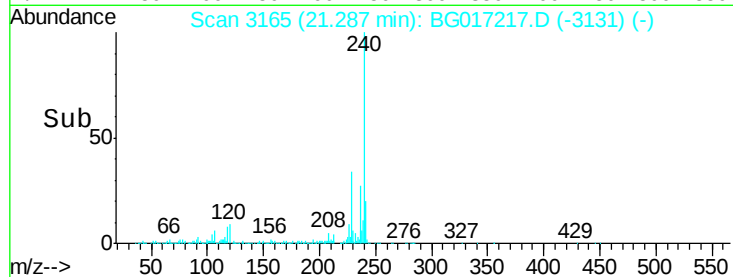
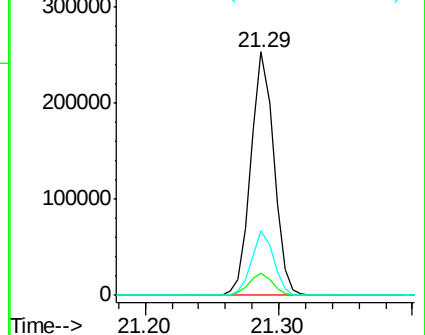
236 26.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.36 ng

RT: 19.35 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

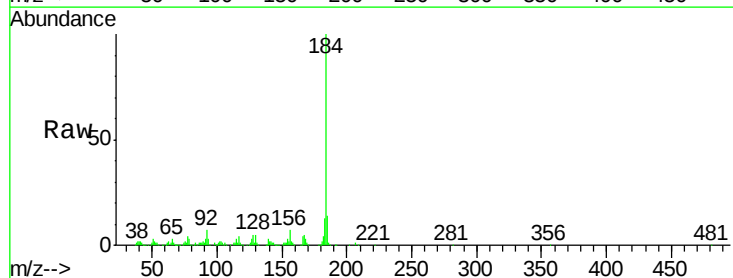
Tgt Ion:184 Resp: 296009

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

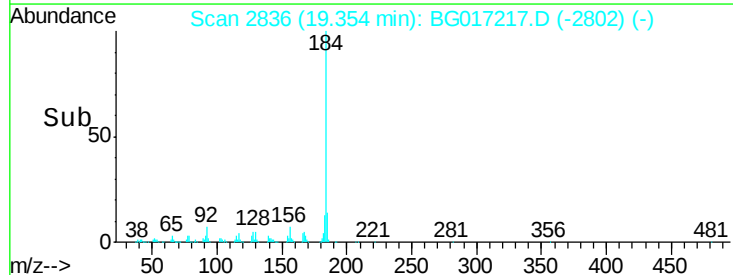
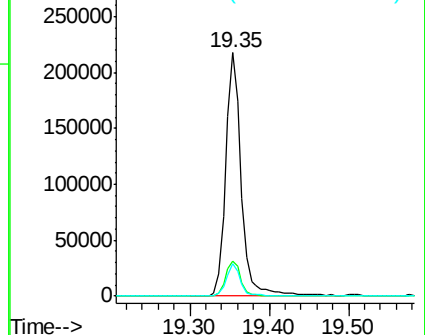
183 13.2 11.4 17.2

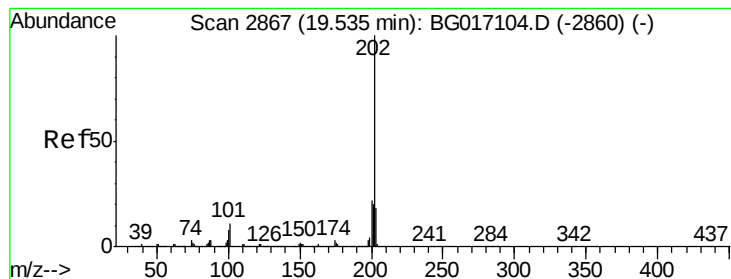


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.09 ng

RT: 19.53 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

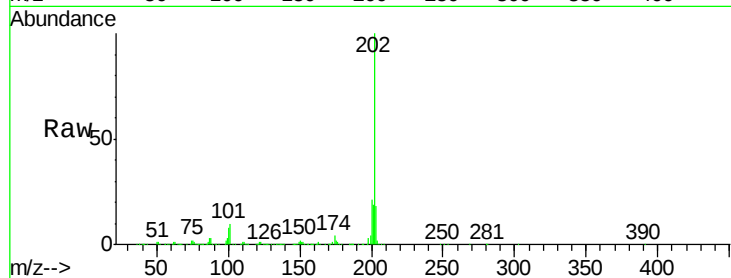
Tot Ion:202 Resp: 661348

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.8

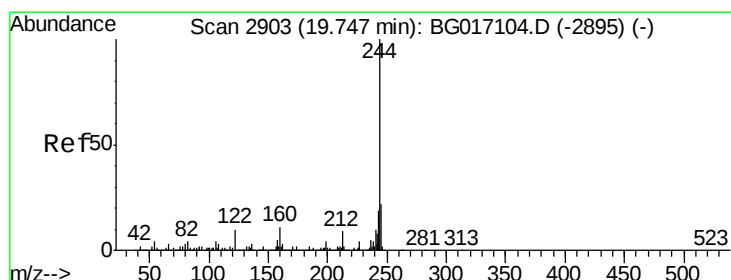
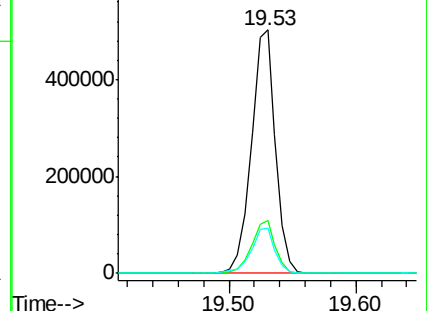
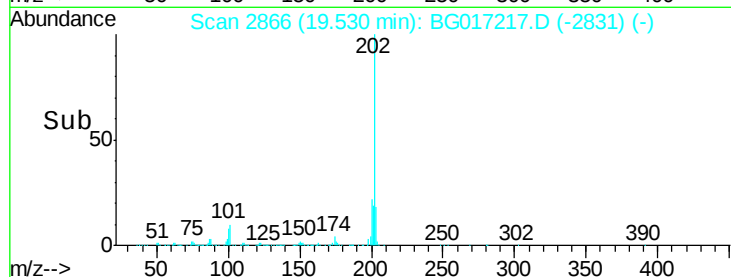
203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.18 ng

RT: 19.74 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

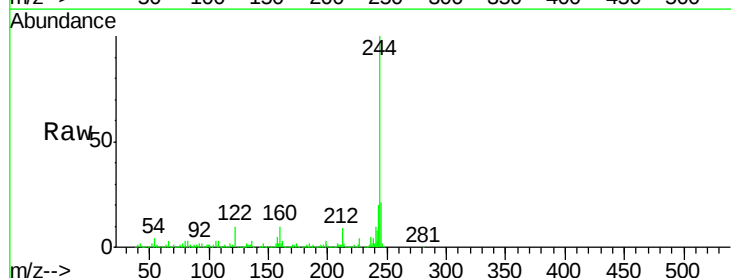
Tgt Ion:244 Resp: 1005895

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

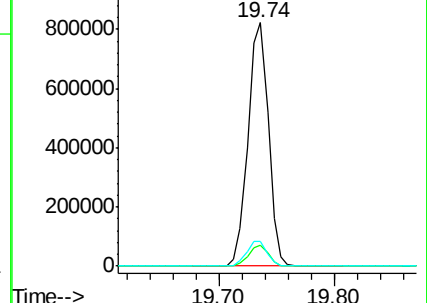
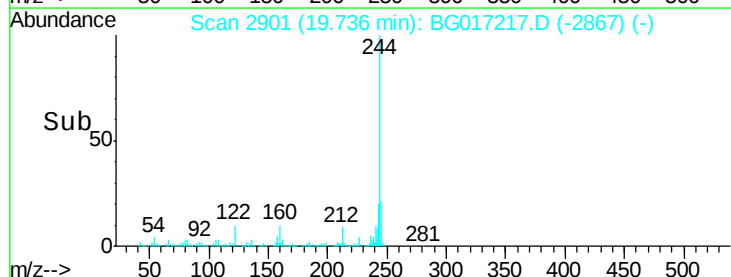
122 10.3 8.4 12.6

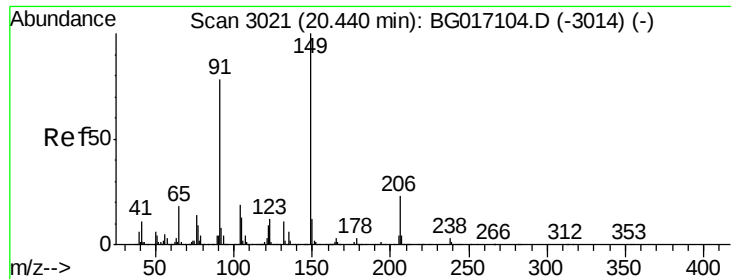


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

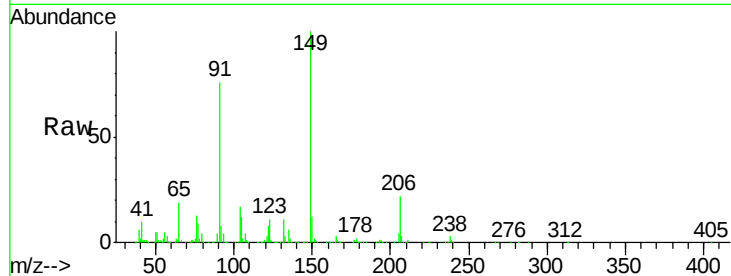




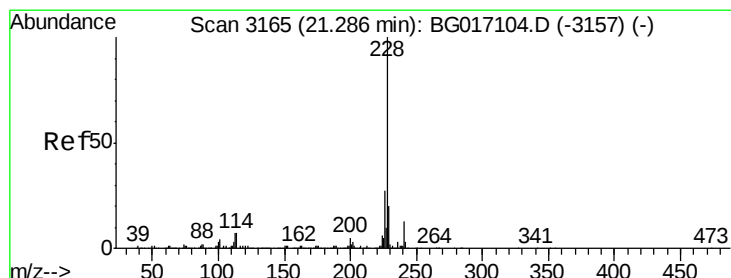
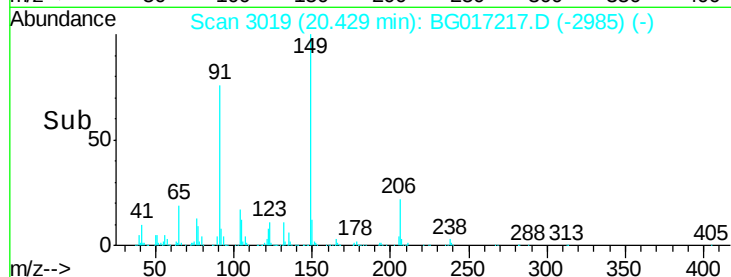
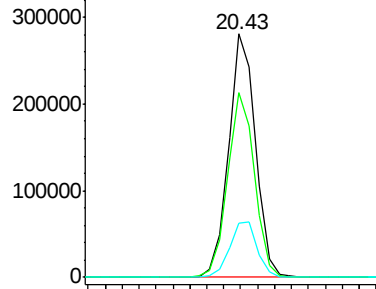
#79
Butylbenzylphthalate
Concen: 37.13 ng
RT: 20.43 min Scan# 3019
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PB83496BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.0	93.0
206	22.4	18.6	27.8

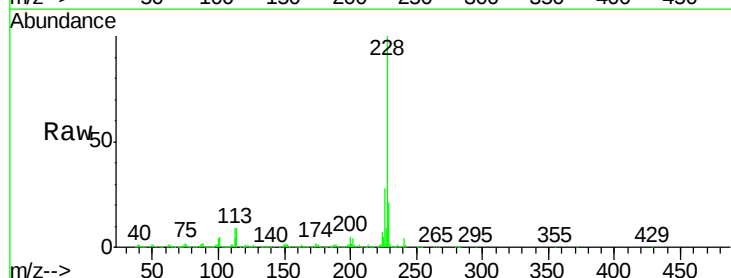


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

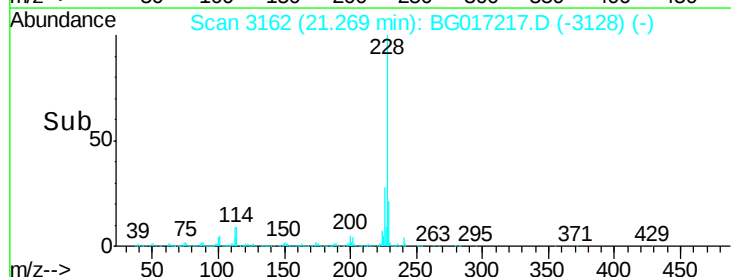
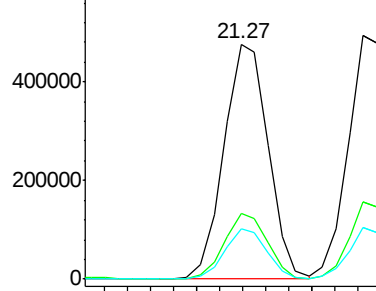


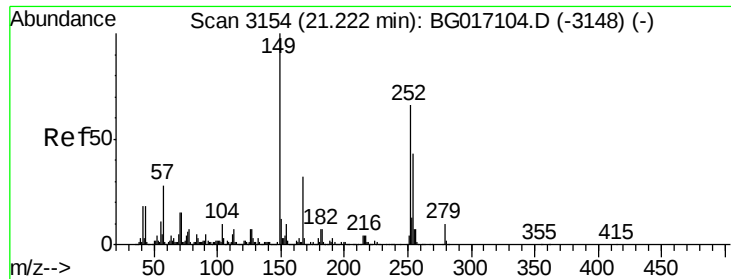
#80
Benzo(a)anthracene
Concen: 36.98 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG017217.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	21.4	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

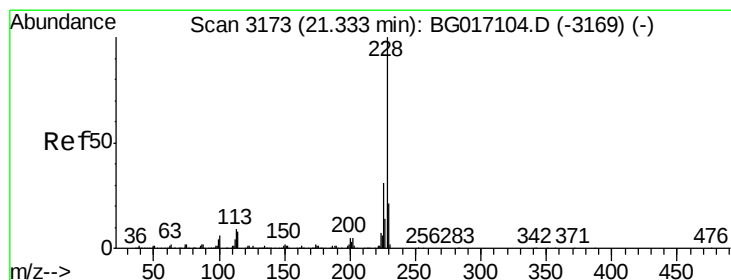
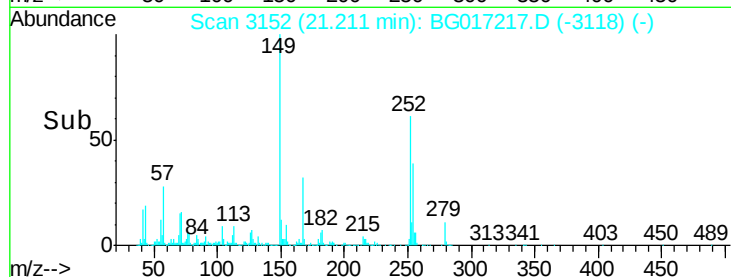
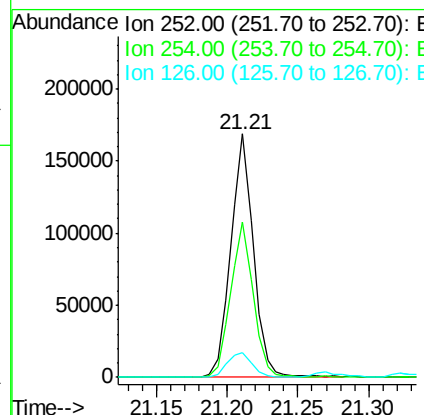
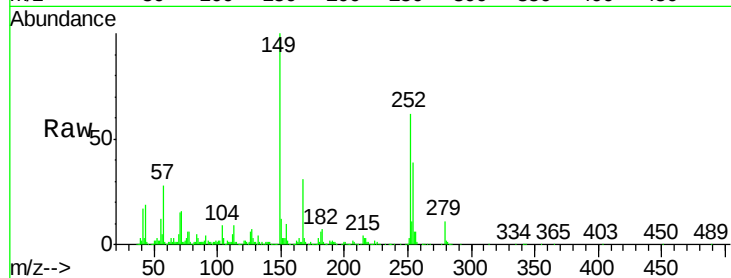




#81
 3,3'-Dichlorobenzidine
 Concen: 28.44 ng
 RT: 21.21 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

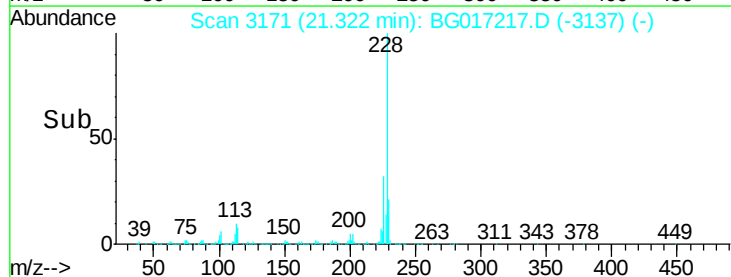
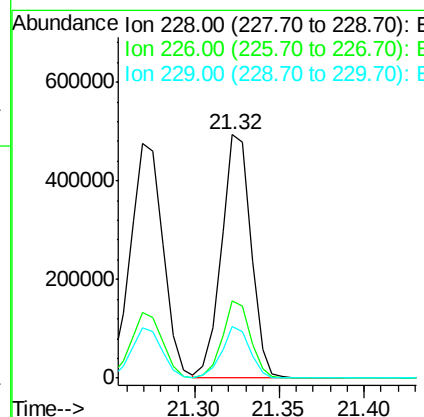
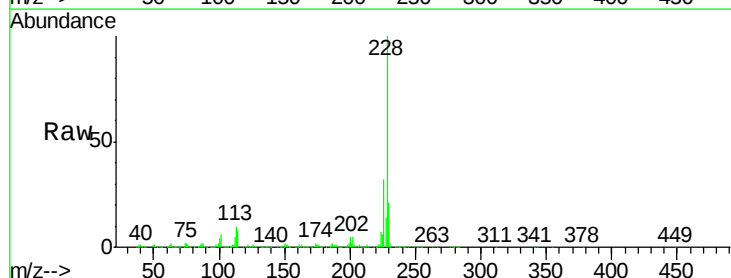
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

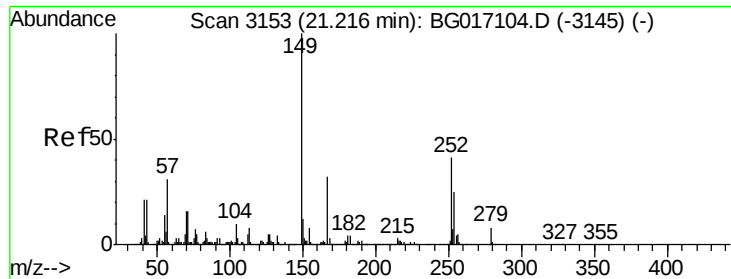
Tot Ion:252 Resp: 188343
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.1 78.1
 126 10.3 8.8 13.2



#82
 Chrysene
 Concen: 37.63 ng
 RT: 21.32 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion:228 Resp: 599915
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.8 37.2
 229 21.2 17.0 25.6

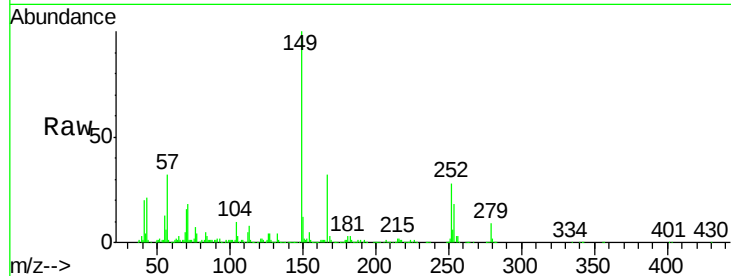




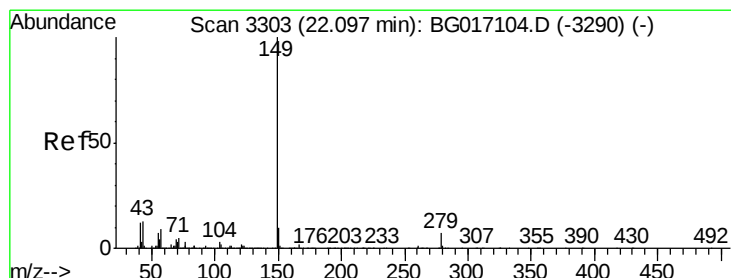
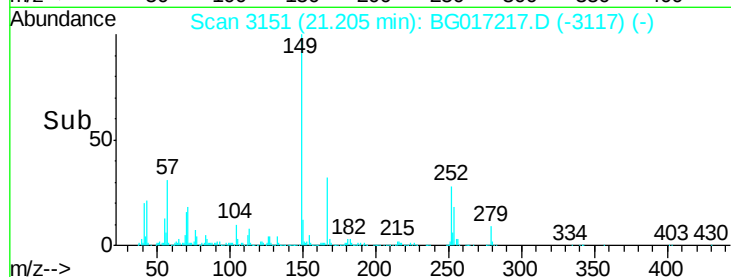
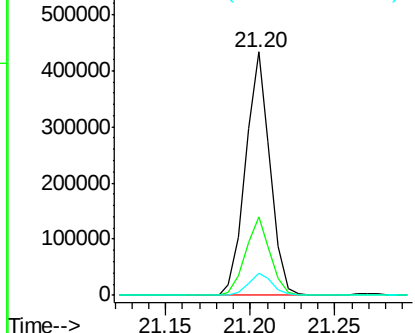
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.77 ng
 RT: 21.20 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

Tot Ion:149 Resp: 435442
 Ion Ratio Lower Upper
 149 100
 167 32.3 25.4 38.2
 279 9.0 6.8 10.2

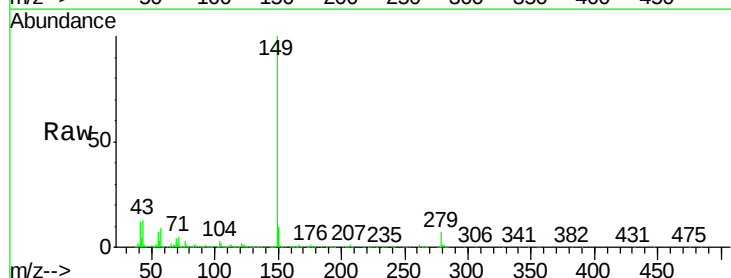


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

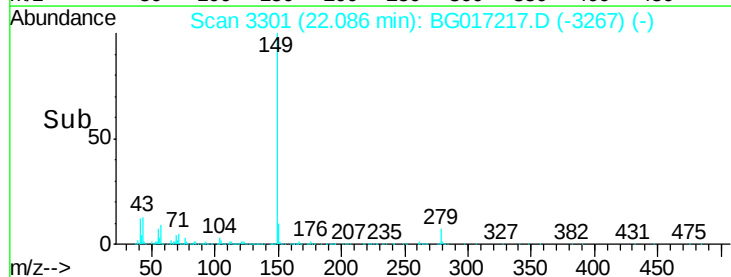
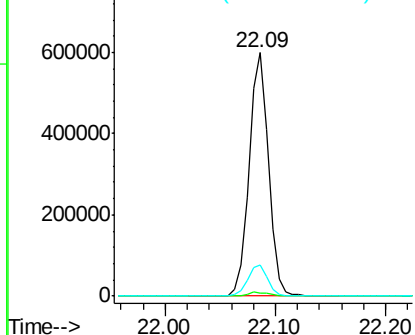


#84
 Di-n-octyl phthalate
 Concen: 37.51 ng
 RT: 22.09 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion:149 Resp: 739397
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 13.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO

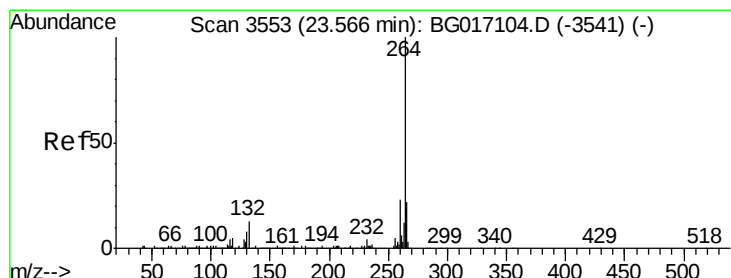
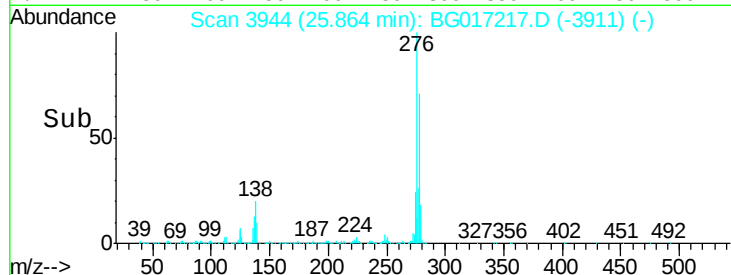
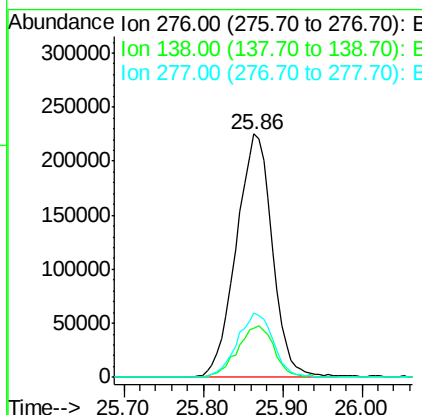
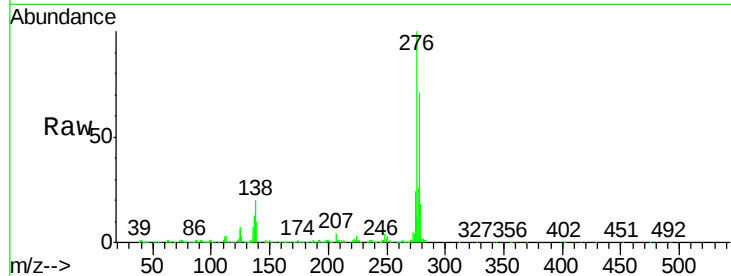




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.23 ng
 RT: 25.86 min Scan# 3944
 Delta R.T. -0.01 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

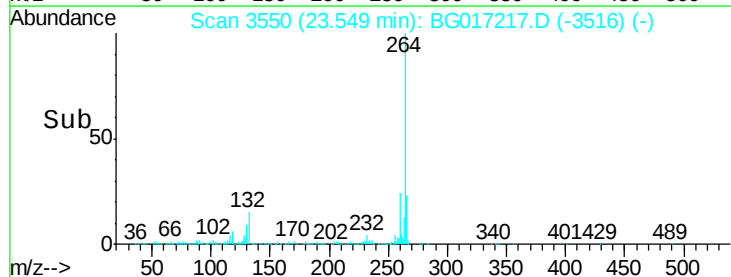
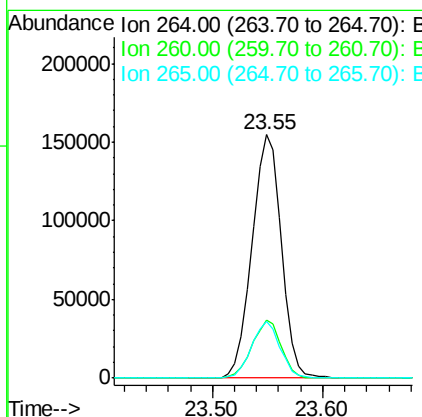
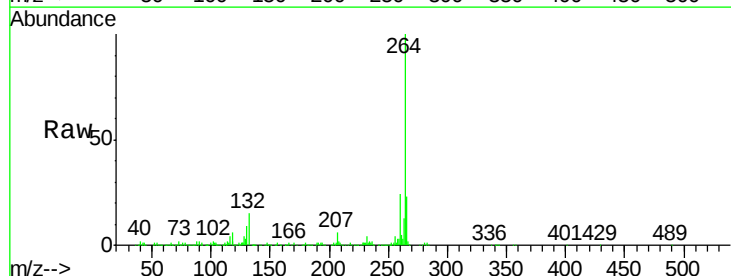
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

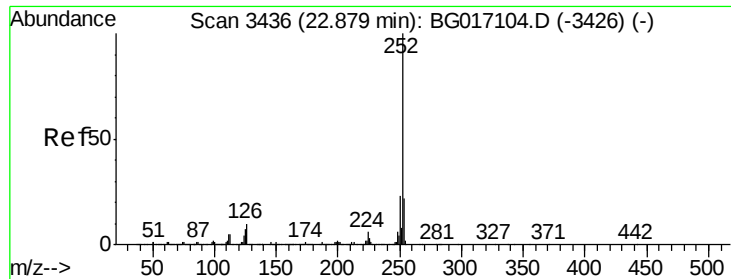
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.0	24.0
277	26.6	20.9	31.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.55 min Scan# 3550
 Delta R.T. -0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.0	27.0
265	23.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.77 ng

RT: 22.87 min Scan# 3434

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

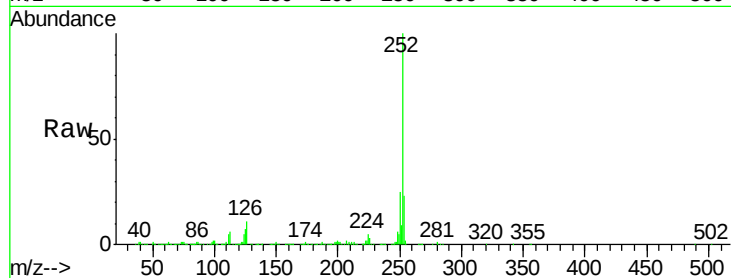
Tot Ion:252 Resp: 652980

Ion Ratio Lower Upper

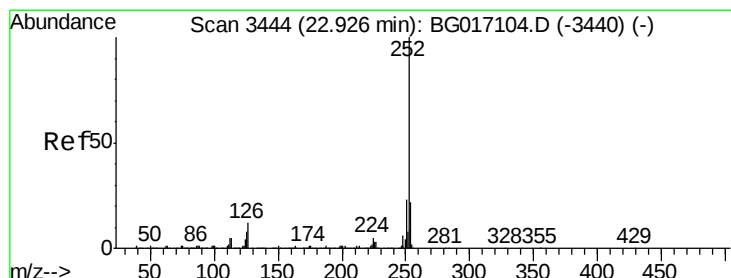
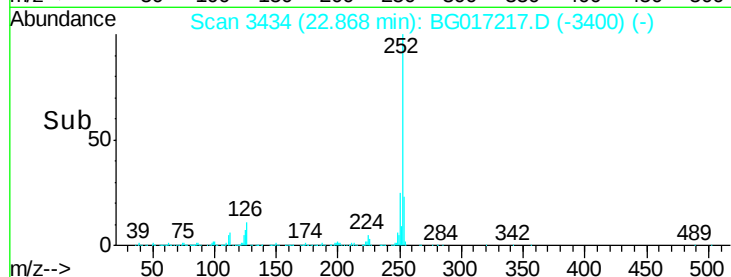
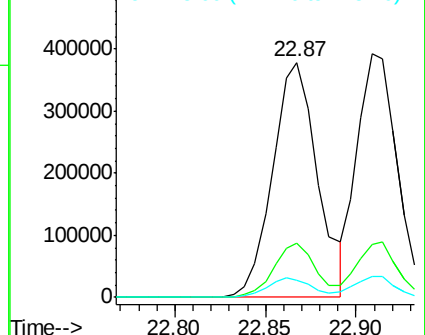
252 100

253 22.8 17.4 26.2

125 7.4 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.65 ng

RT: 22.91 min Scan# 3441

Delta R.T. -0.01 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

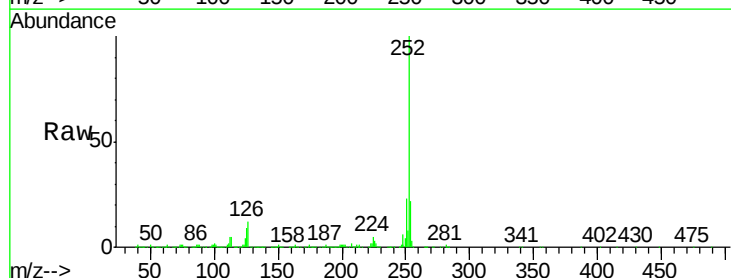
Tgt Ion:252 Resp: 602160

Ion Ratio Lower Upper

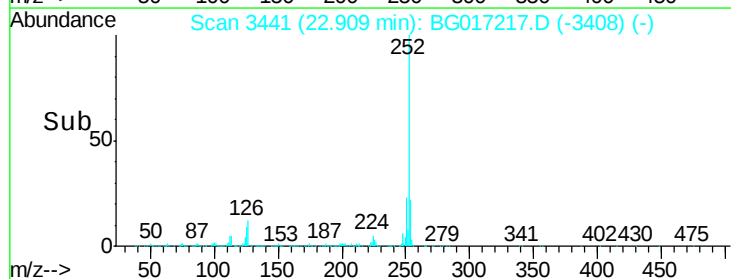
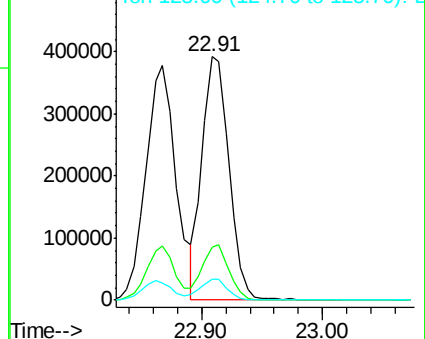
252 100

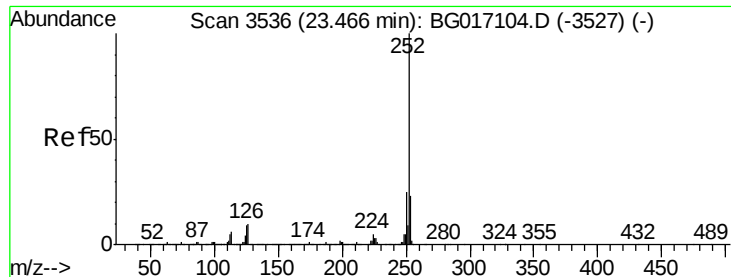
253 22.0 17.8 26.6

125 8.6 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: 39.96 ng

RT: 23.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PB83496BS

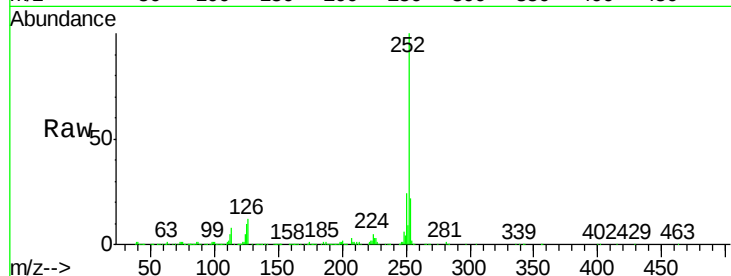
Tot Ion:252 Resp: 618170

Ion Ratio Lower Upper

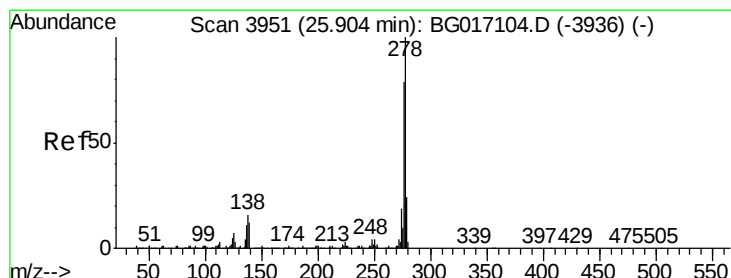
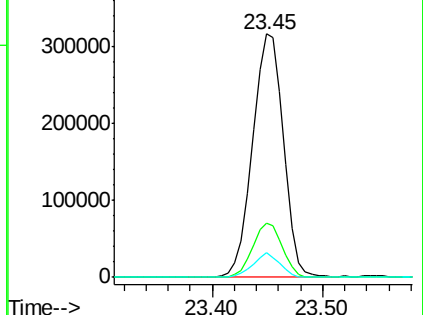
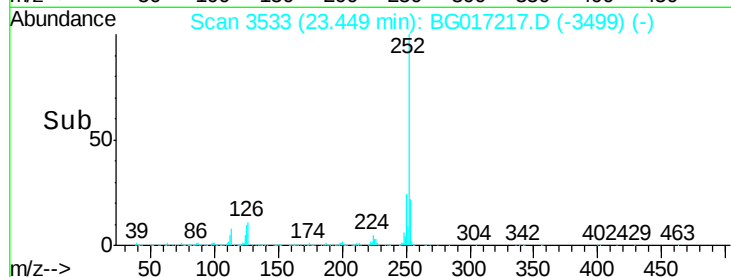
252 100

253 22.3 18.4 27.6

125 10.2 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: 38.49 ng

RT: 25.88 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BG017217.D

Acq: 20 May 2015 16:36

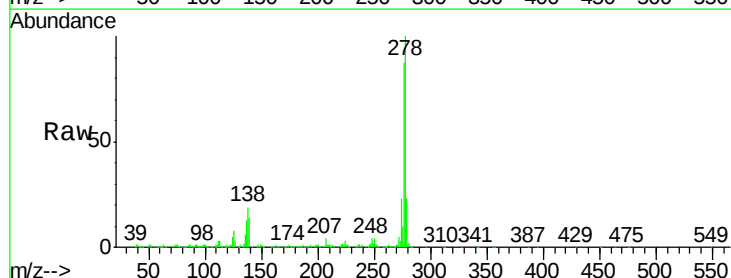
Tgt Ion:278 Resp: 611152

Ion Ratio Lower Upper

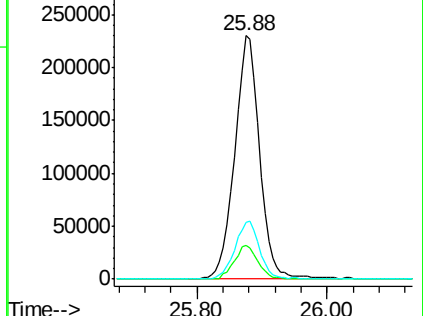
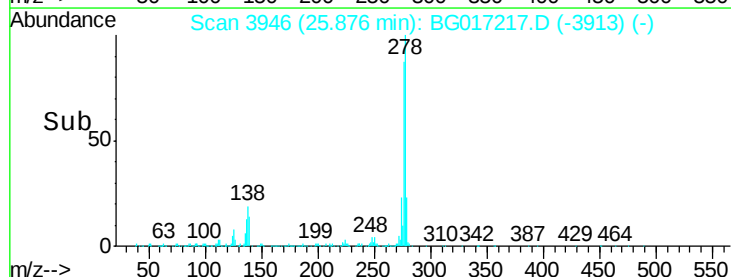
278 100

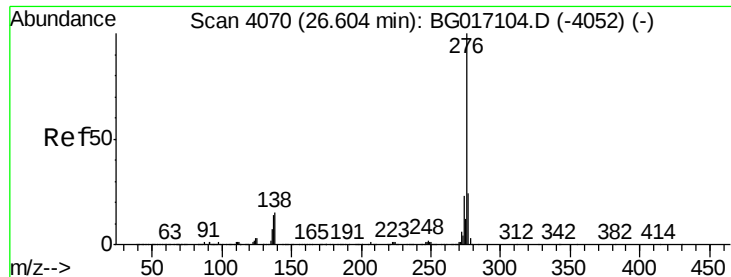
139 13.7 9.4 14.2

279 23.4 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

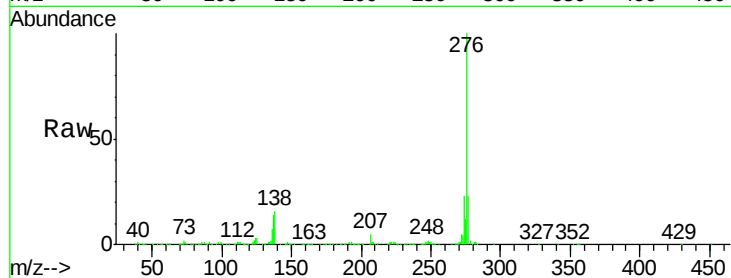




#91
 Benzo(a,h,i)perylene
 Concen: 39.33 ng
 RT: 26.58 min Scan# 4066
 Delta R.T. 0.00 min
 Lab File: BG017217.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	15.8	11.8	17.8

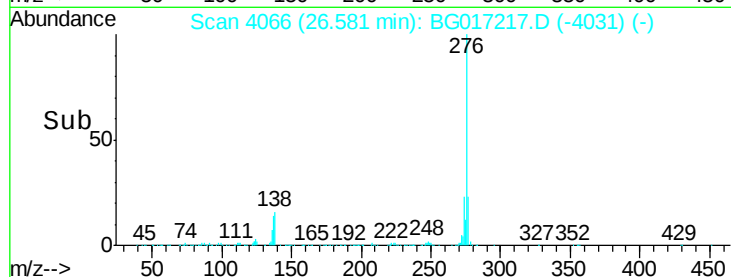
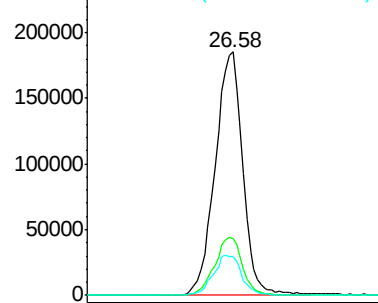


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->