

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017305.D
 Acq On : 27 May 2015 16:51
 Operator : TP/IZ
 Sample : PB83579BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

Quant Time: May 28 03:31:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23633	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	96933	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	66305	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	171200	20.00	ng	0.00
75) Chrysene-d12	21.25	240	194350	20.00	ng	0.00
86) Perylene-d12	23.50	264	191478	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	25930	19.47	ng	0.00
7) Phenol-d6	6.87	99	34234	18.31	ng	0.00
23) Nitrobenzene-d5	8.82	82	21473	10.34	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	14782	18.44	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	48198	10.67	ng	0.00
78) Terphenyl-d14	19.70	244	96887	10.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	3426	6.52	ng	90
3) Pyridine	3.52	79	8107	5.10	ng	91
4) n-Nitrosodimethylamine	3.44	42	6128	5.08	ng	94
6) Aniline	6.99	93	8845	3.42	ng	# 88
8) 2-Chlorophenol	7.24	128	9090	5.70	ng	95
10) Phenol	6.89	94	11591	5.85	ng	95
11) bis(2-Chloroethyl)ether	7.09	93	8321	5.60	ng	92
12) 1,3-Dichlorobenzene	7.55	146	9450	5.31	ng	95
13) 1,4-Dichlorobenzene	7.69	146	9222	5.13	ng	93
14) 1,2-Dichlorobenzene	8.01	146	9334	5.44	ng	89
15) Benzyl Alcohol	7.91	79	8768	4.83	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	14566	6.04	ng	91
17) 2-Methylphenol	8.12	107	7914	5.51	ng	# 76
18) Hexachloroethane	8.73	117	4337	5.78	ng	# 70
19) n-Nitroso-di-n-propylamine	8.47	70	7230	4.44	ng	# 75
20) 3+4-Methylphenols	8.46	107	10377	5.19	ng	87
22) Acetophenone	8.48	105	12782	5.43	ng	# 98
24) Nitrobenzene	8.86	77	11214	5.52	ng	# 90
25) Isophorone	9.39	82	18871	4.93	ng	99
26) 2-Nitrophenol	9.58	139	5081	5.60	ng	92
27) 2,4-Dimethylphenol	9.65	122	8403	5.62	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	10121	5.43	ng	# 97
29) 2,4-Dichlorophenol	10.12	162	9217	6.54	ng	95
30) 1,2,4-Trichlorobenzene	10.32	180	8579	5.36	ng	93
31) Naphthalene	10.50	128	26916	5.67	ng	# 92
32) Benzoic acid	9.77	122	2804m	2.77	ng	
33) 4-Chloroaniline	10.62	127	8946	3.99	ng	# 88
34) Hexachlorobutadiene	10.79	225	5793	5.72	ng	# 79
35) Caprolactam	11.38	113	3616	5.10	ng	90
36) 4-Chloro-3-methylphenol	11.78	107	10917	6.13	ng	95
37) 2-Methylnaphthalene	12.12	142	20503	5.45	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	10223	5.45	ng	99
40) Hexachlorocyclopentadiene	12.47	237	8387	7.33	ng	84
42) 2,4,6-Trichlorophenol	12.75	196	6875m	5.17	ng	

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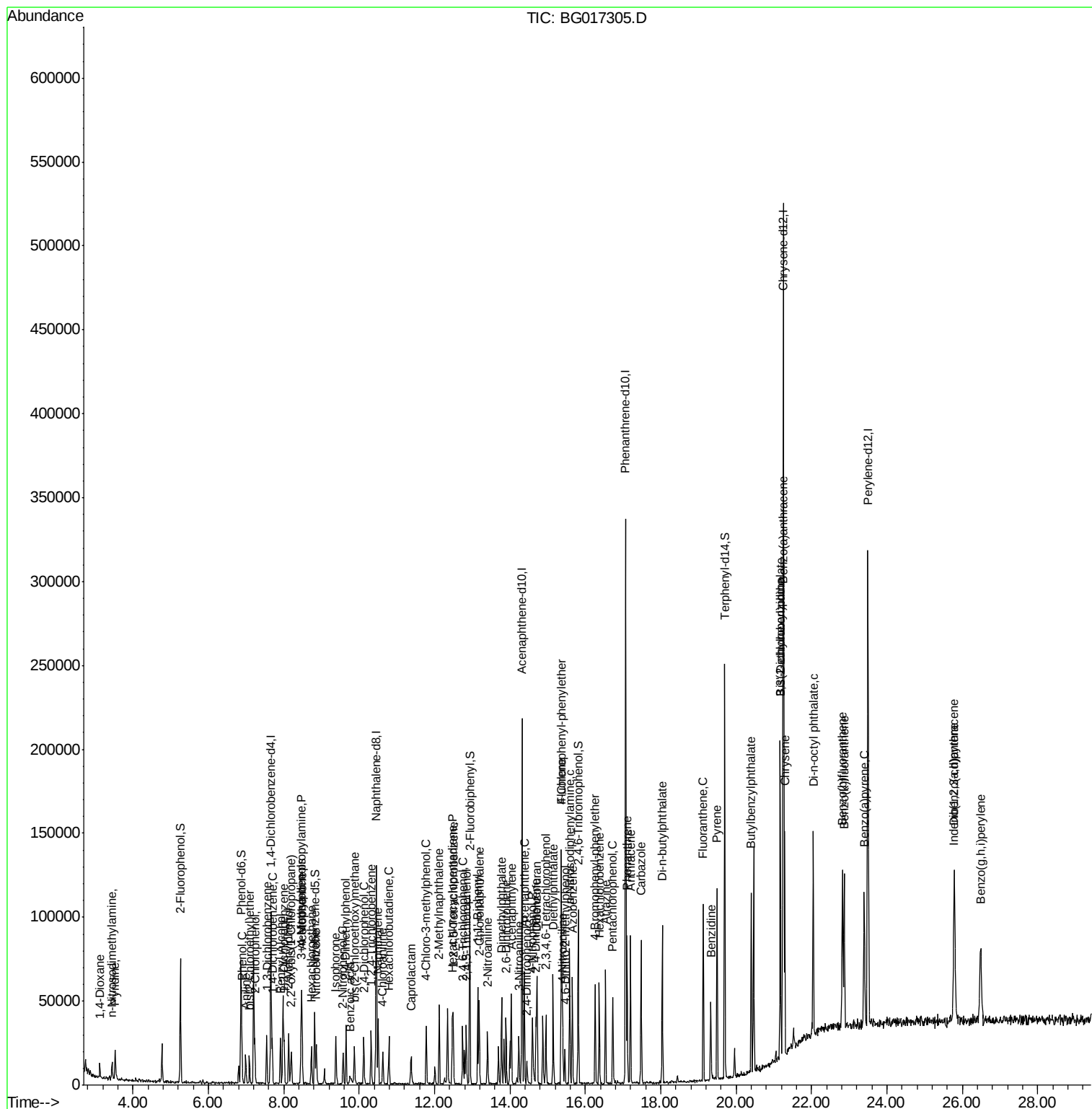
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.83	196	8238	6.01	nq	93
45) 1,1'-Biphenyl	13.15	154	26629	5.58	nq	100
46) 2-Chloronaphthalene	13.19	162	20545	5.43	nq	99
47) 2-Nitroaniline	13.40	65	7385	5.02	nq	# 82
48) Acenaphthylene	14.04	152	37057	5.72	nq	99
49) Dimethylphthalate	13.78	163	27815	5.37	nq	# 92
50) 2,6-Dinitrotoluene	13.90	165	6473	5.63	nq	90
51) Acenaphthene	14.38	154	21769	5.69	nq	95
52) 3-Nitroaniline	14.24	138	6515	5.11	nq	# 91
53) 2,4-Dinitrophenol	14.44	184	3864	5.79	nq	92
54) Dibenzofuran	14.72	168	35137	6.18	nq	97
55) 4-Nitrophenol	14.60	139	10239	9.98	nq	87
56) 2,4-Dinitrotoluene	14.69	165	8968	5.60	nq	91
57) Fluorene	15.37	166	29014	5.76	nq	# 90
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7370	5.86	nq	# 95
59) Diethylphthalate	15.14	149	31314	5.62	nq	97
60) 4-Chlorophenyl-phenylether	15.37	204	14107	5.46	nq	98
61) 4-Nitroaniline	15.40	138	7785	5.47	nq	95
62) Azobenzene	15.66	77	33669	6.33	nq	94
64) 4,6-Dinitro-2-methylphenol	15.46	198	4112	3.50	nq	92
65) n-Nitrosodiphenylamine	15.58	169	26910	5.12	nq	98
66) 4-Bromophenyl-phenylether	16.27	248	9482	5.08	nq	93
67) Hexachlorobenzene	16.37	284	10618	5.39	nq	91
68) Atrazine	16.54	200	10592	5.51	nq	83
69) Pentachlorophenol	16.73	266	9082	7.38	nq	93
70) Phenanthrene	17.11	178	48288	5.47	nq	97
71) Anthracene	17.20	178	49446	5.53	nq	97
72) Carbazole	17.48	167	47360	5.76	nq	96
73) Di-n-butylphthalate	18.04	149	61815	5.62	nq	# 96
74) Fluoranthene	19.13	202	60577	5.71	nq	93
76) Benzidine	19.33	184	27934	4.40	nq	96
77) Pyrene	19.49	202	63519	5.33	nq	100
79) Butylbenzylphthalate	20.40	149	27890	5.14	nq	98
80) Benzo(a)anthracene	21.24	228	62194	5.58	nq	97
81) 3,3'-Dichlorobenzidine	21.18	252	17625	4.09	nq	# 98
82) Chrysene	21.29	228	59933	5.78	nq	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	39862	5.17	nq	99
84) Di-n-octyl phthalate	22.05	149	68031	5.30	nq	100
85) Indeno(1,2,3-cd)pyrene	25.78	276	64943	5.23	nq	98
87) Benzo(b)fluoranthene	22.82	252	58710	5.26	nq	98
88) Benzo(k)fluoranthene	22.86	252	58326m	5.50	nq	
89) Benzo(a)pyrene	23.40	252	56887	5.55	nq	98
90) Dibenzo(a,h)anthracene	25.80	278	53866	5.12	nq	97
91) Benzo(g,h,i)perylene	26.48	276	53908	5.44	nq	96

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

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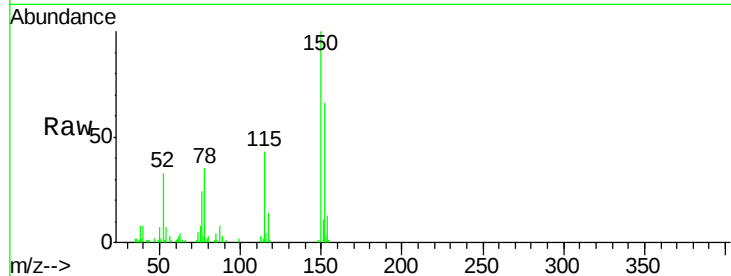


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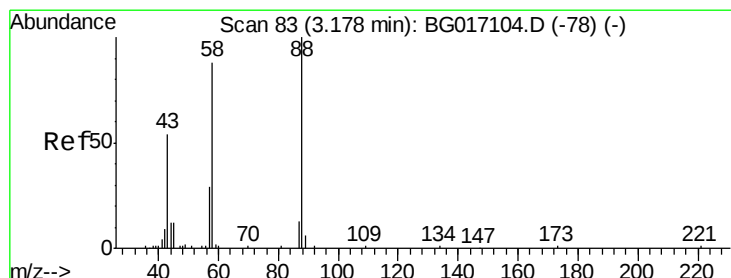
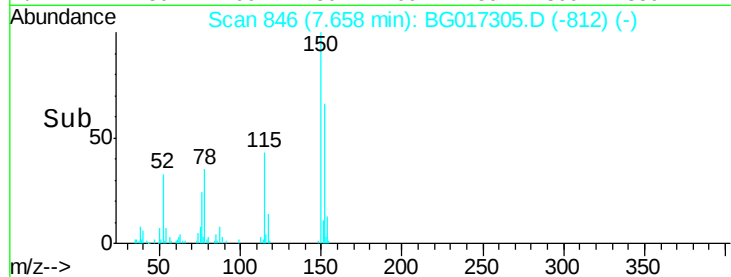
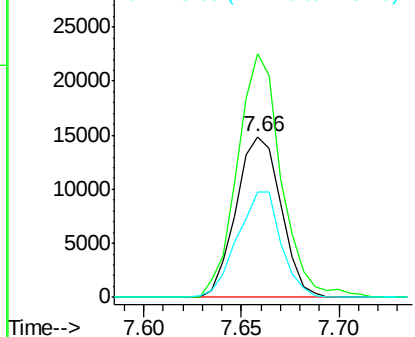
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Instrument :
BNA_G
ClientSampleId :
PB83579BS

Tot Ion:152 Resp: 23633
Ion Ratio Lower Upper
152 100
150 151.7 120.8 181.2
115 65.5 49.4 74.2



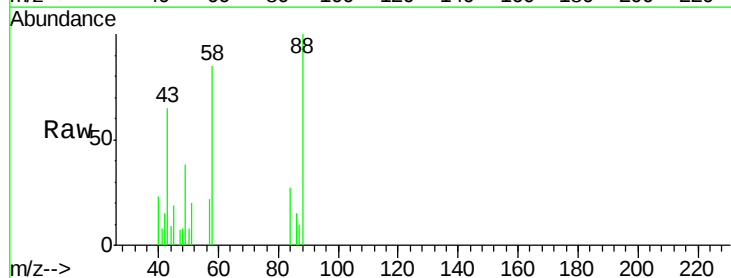
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



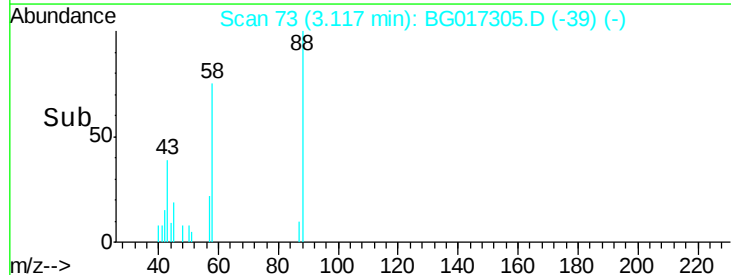
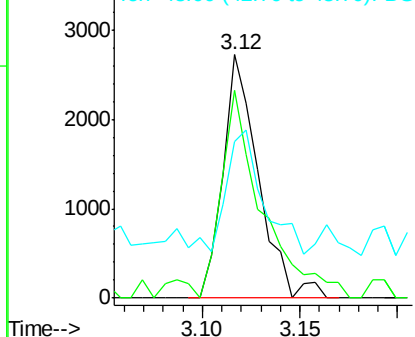
#2

1,4-Dioxane
Concen: 6.52 ng
RT: 3.12 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion: 88 Resp: 3426
Ion Ratio Lower Upper
88 100
58 98.1 68.6 103.0
43 52.8 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: 5.10 ng

RT: 3.52 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

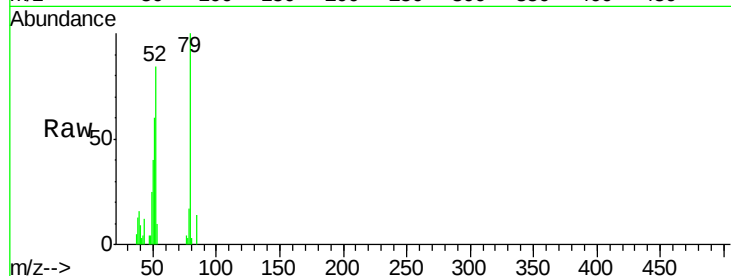
Tot Ion: 79 Resp: 8107

Ion Ratio Lower Upper

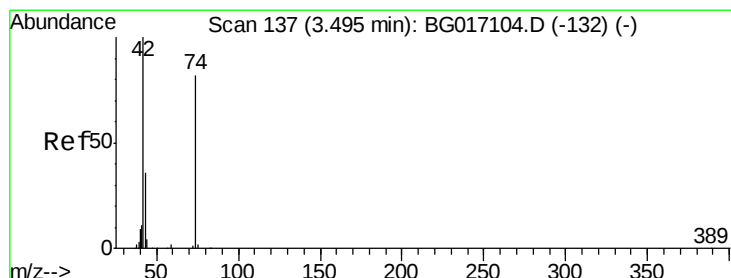
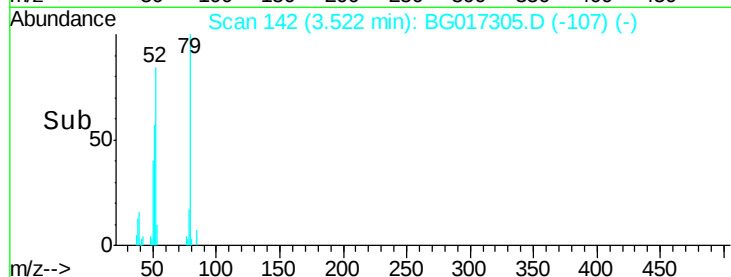
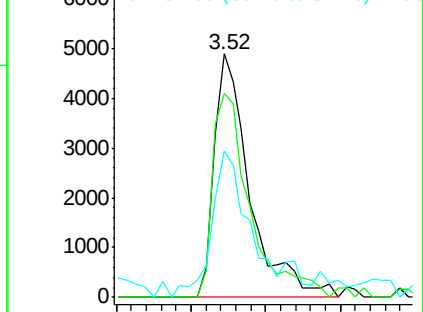
79 100

52 83.7 72.2 108.2

51 60.0 40.6 60.8



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



#4

n-Nitrosodimethylamine

Concen: 5.08 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

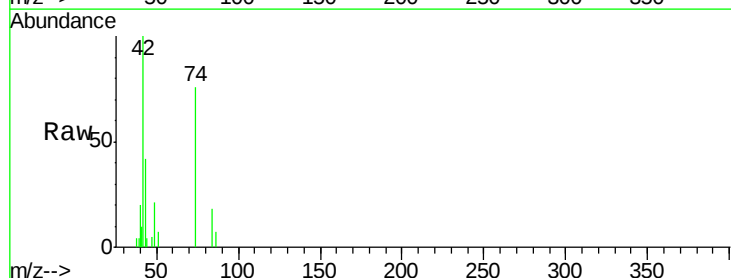
Tgt Ion: 42 Resp: 6128

Ion Ratio Lower Upper

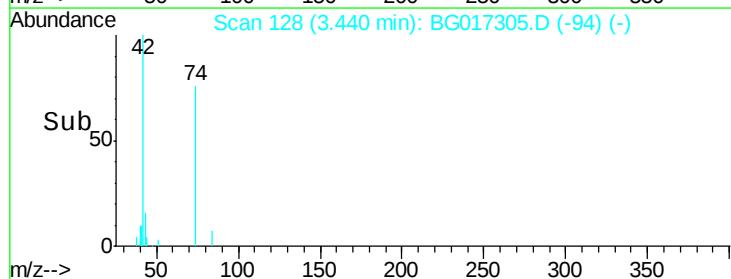
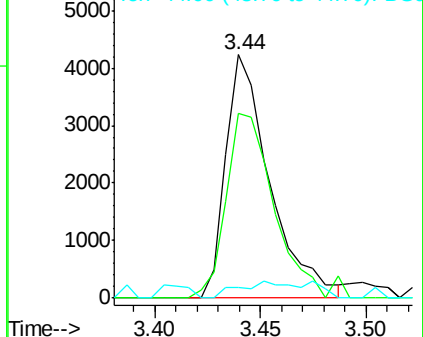
42 100

74 76.0 65.2 97.8

44 4.2 3.2 4.8



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





#5

2-Fluorophenol

Concen: 19.47 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG017305.D

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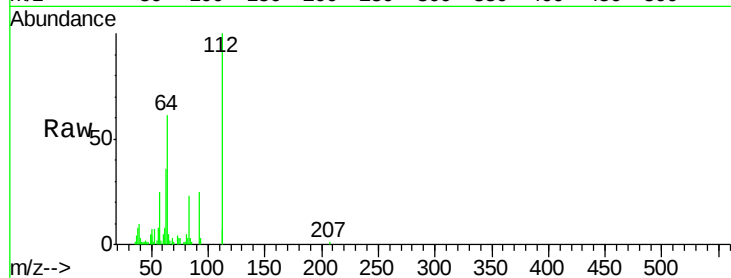
Tot Ion:112 Resp: 25930

Ion Ratio Lower Upper

112 100

64 61.3 48.1 72.1

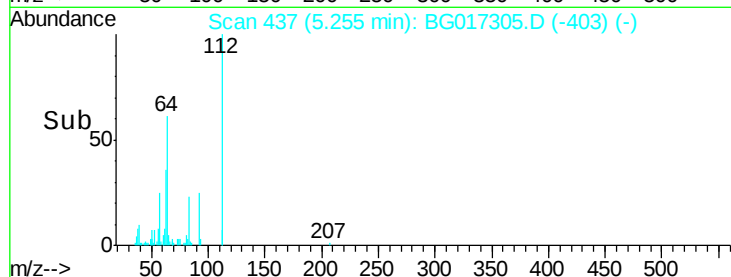
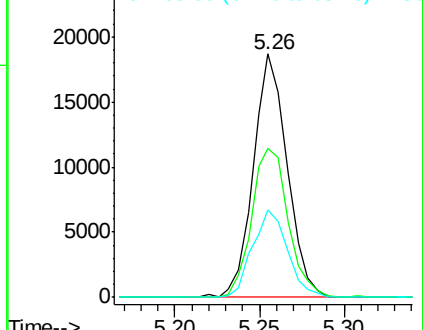
63 35.8 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.42 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

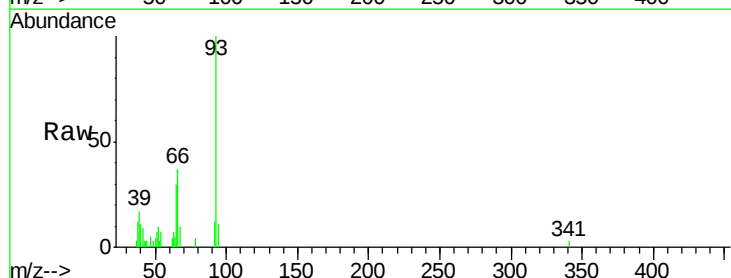
Tgt Ion: 93 Resp: 8845

Ion Ratio Lower Upper

93 100

66 37.5 35.8 53.8

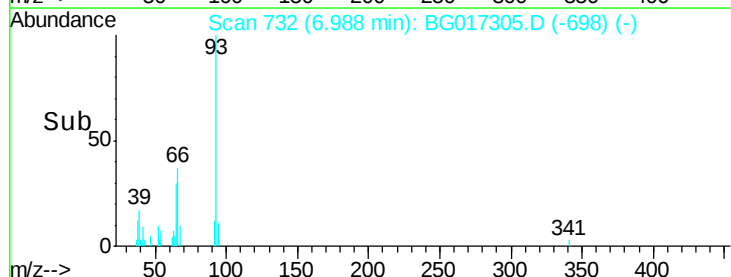
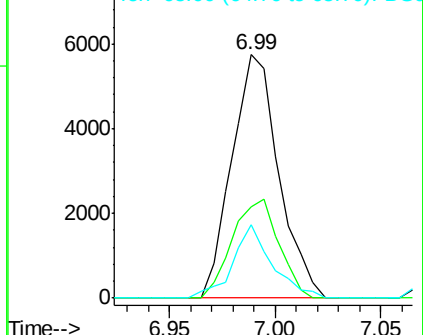
65 30.2 19.2 28.8#

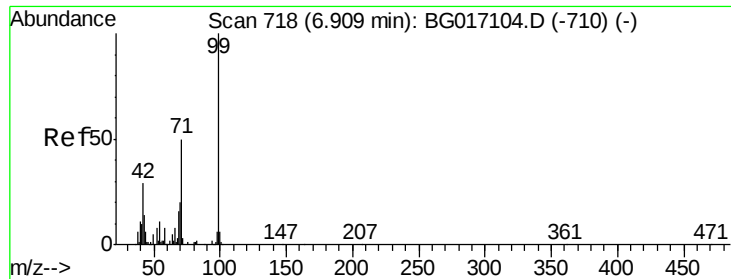


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 18.31 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

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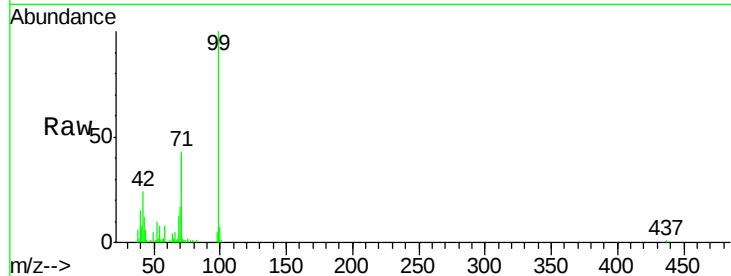
Tot Ion: 99 Resp: 34234

Ion Ratio Lower Upper

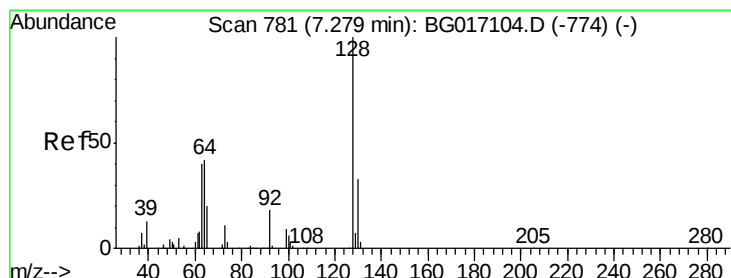
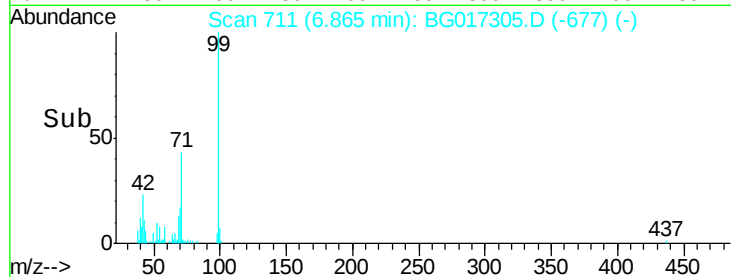
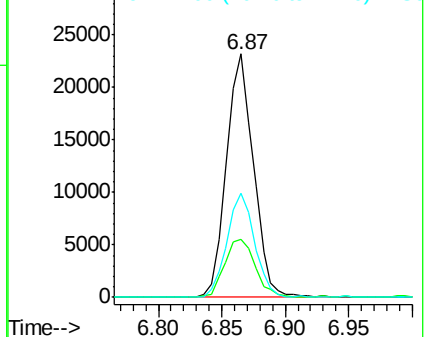
99 100

42 24.0 23.5 35.3

71 42.6 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: 5.70 ng

RT: 7.24 min Scan# 774

Delta R.T. -0.00 min

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Acq: 27 May 2015 16:51

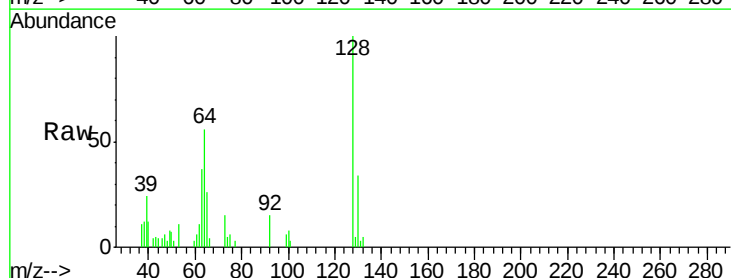
Tgt Ion: 128 Resp: 9090

Ion Ratio Lower Upper

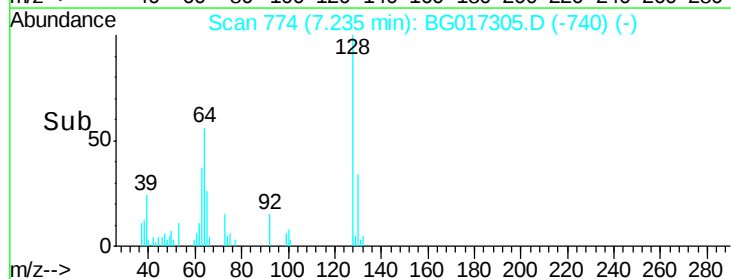
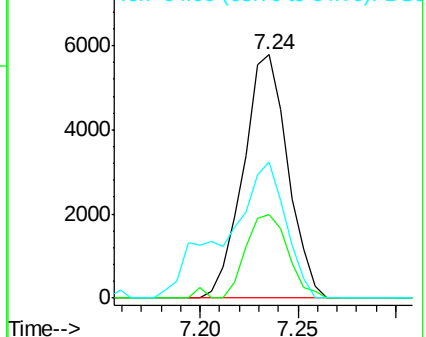
128 100

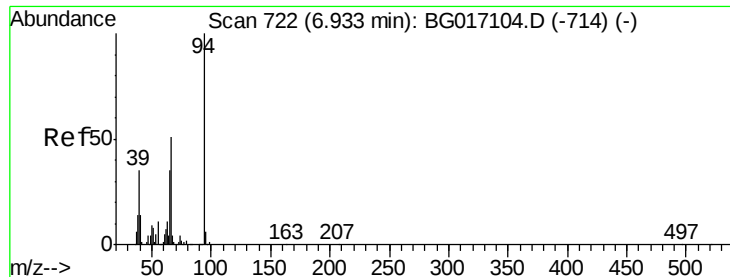
130 34.4 13.3 53.3

64 55.7 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





#10

Phenol

Concen: 5.85 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.00 min

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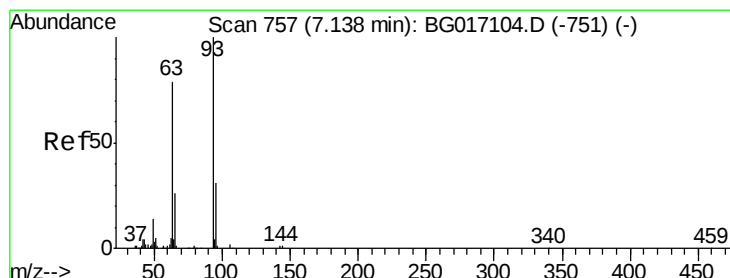
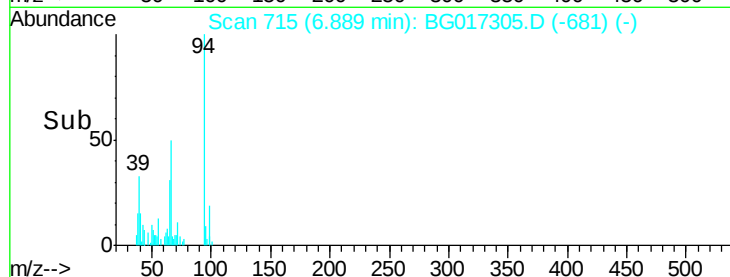
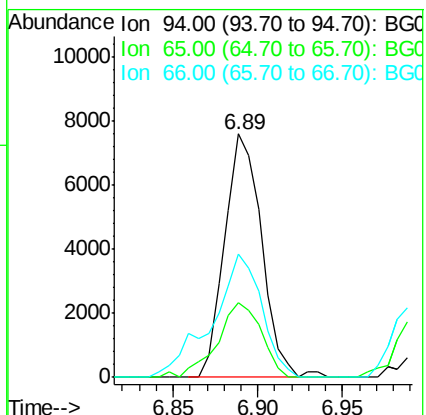
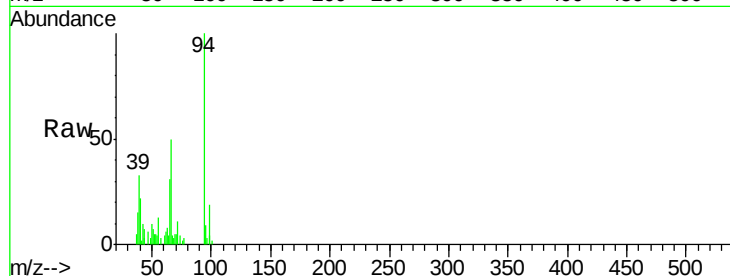
Tot Ion: 94 Resp: 11591

Ion Ratio Lower Upper

94 100

65 30.6 15.0 55.0

66 50.4 32.1 72.1



#11

bis(2-Chloroethyl)ether

Concen: 5.60 ng

RT: 7.09 min Scan# 750

Delta R.T. 0.00 min

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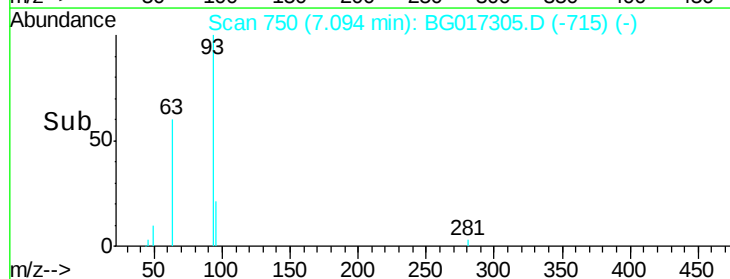
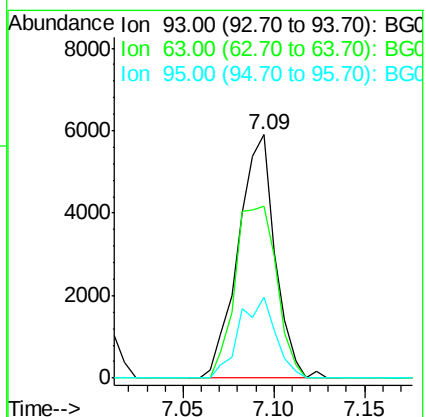
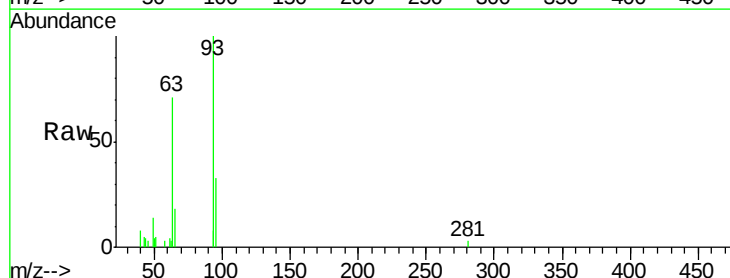
Tgt Ion: 93 Resp: 8321

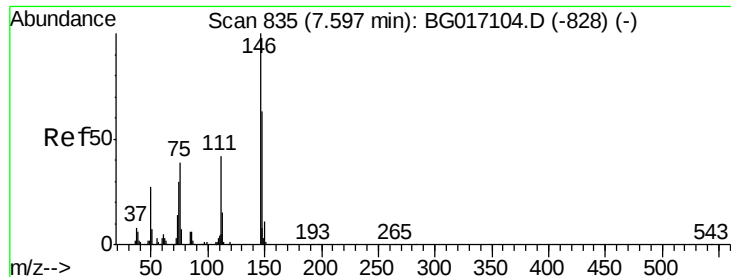
Ion Ratio Lower Upper

93 100

63 70.8 58.5 98.5

95 33.3 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 5.31 ng

RT: 7.55 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

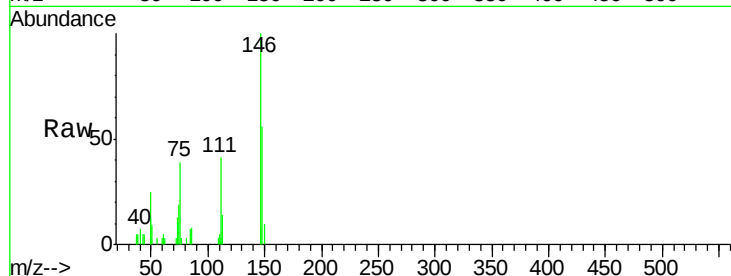
Tot Ion:146 Resp: 9450

Ion Ratio Lower Upper

146 100

148 56.5 50.6 75.8

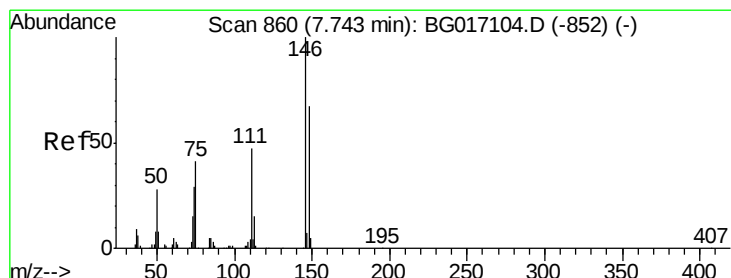
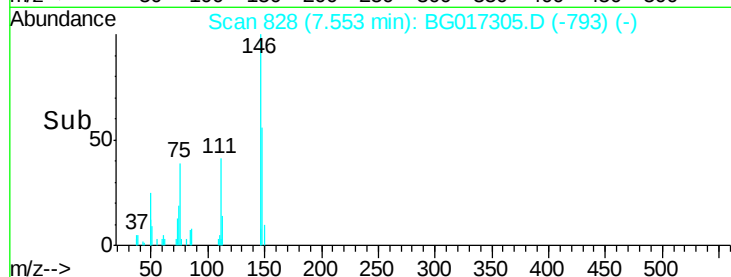
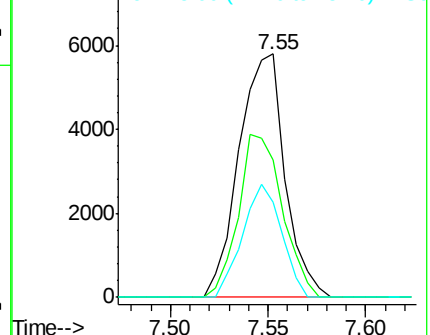
75 39.2 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 5.13 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

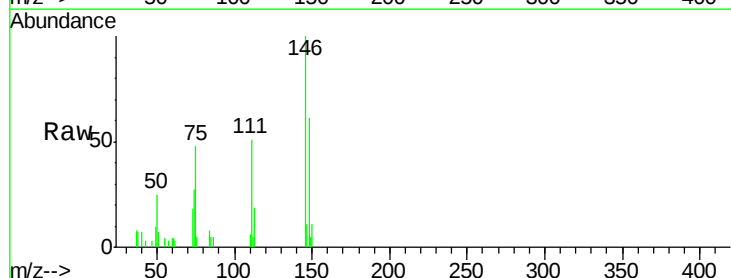
Tgt Ion:146 Resp: 9222

Ion Ratio Lower Upper

146 100

148 60.7 53.9 80.9

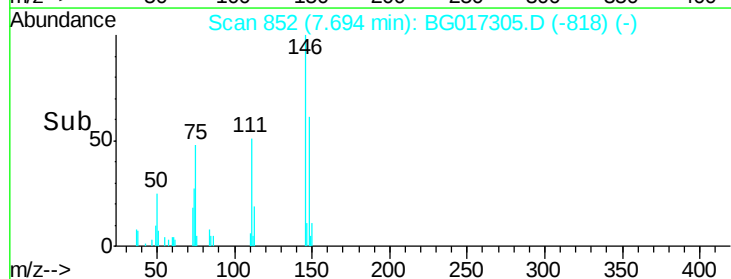
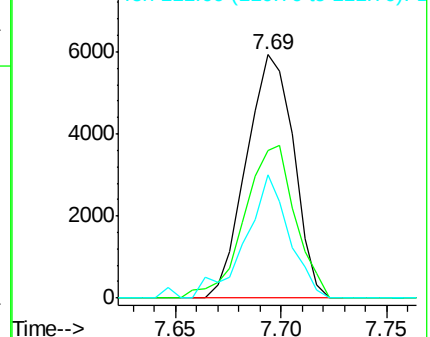
111 50.7 37.9 56.9

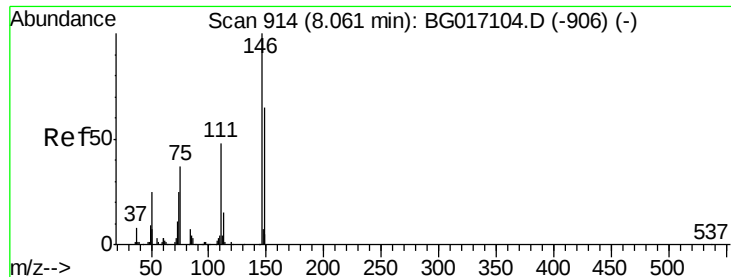


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 5.44 ng

RT: 8.01 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

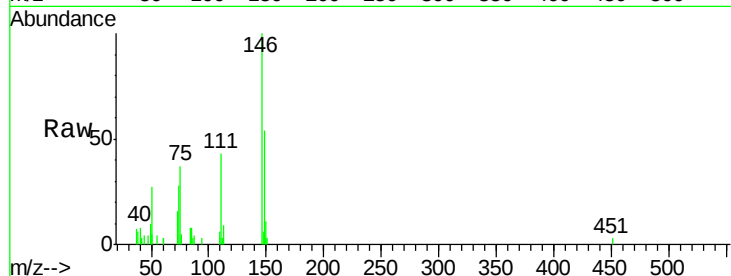
Tot Ion:146 Resp: 9334

Ion Ratio Lower Upper

146 100

148 54.4 52.3 78.5

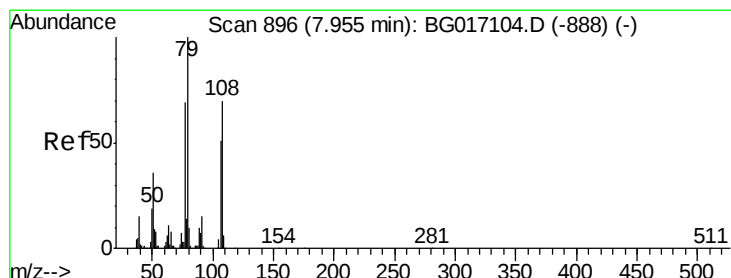
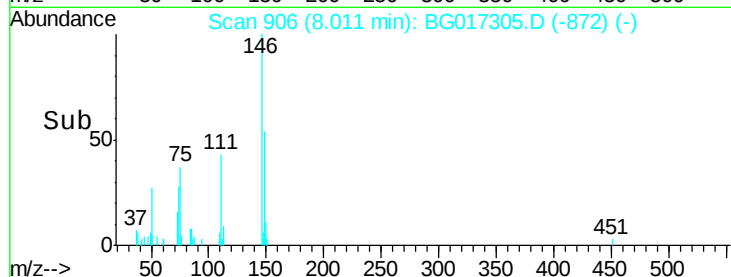
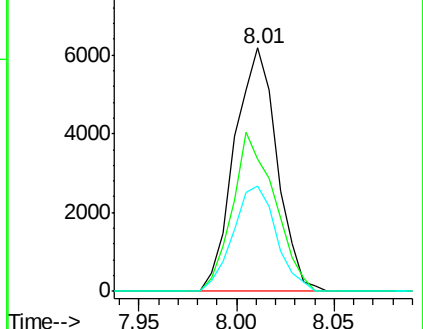
111 43.4 39.0 58.4



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: 4.83 ng

RT: 7.91 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

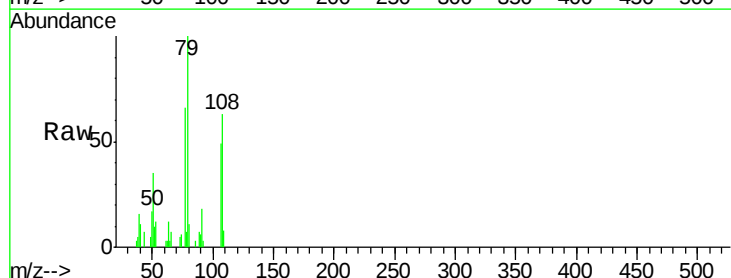
Tgt Ion: 79 Resp: 8768

Ion Ratio Lower Upper

79 100

108 63.4 55.8 83.6

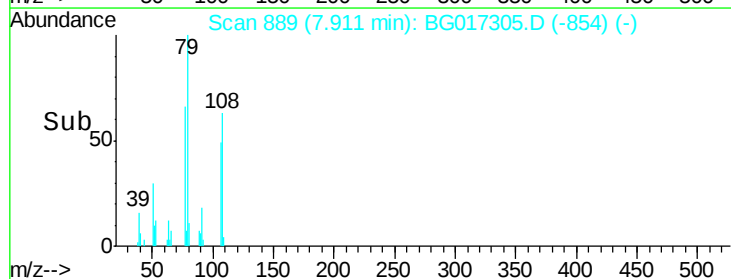
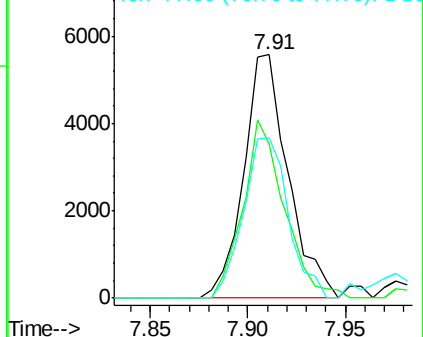
77 65.8 55.4 83.0

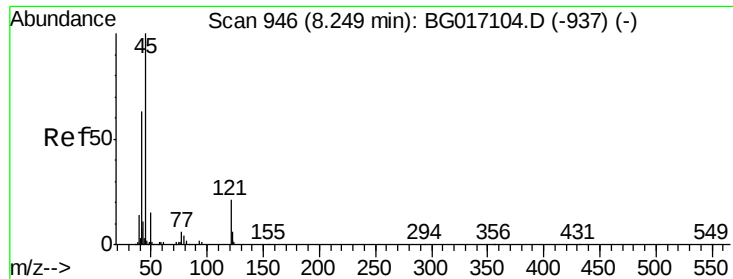


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

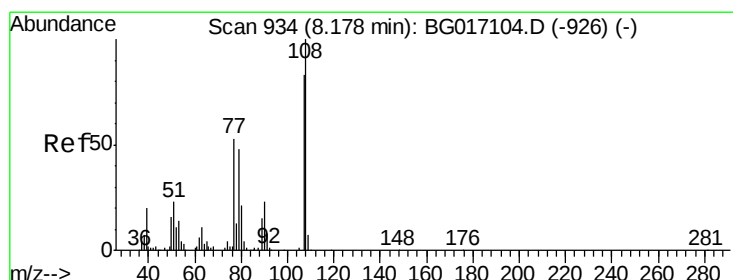
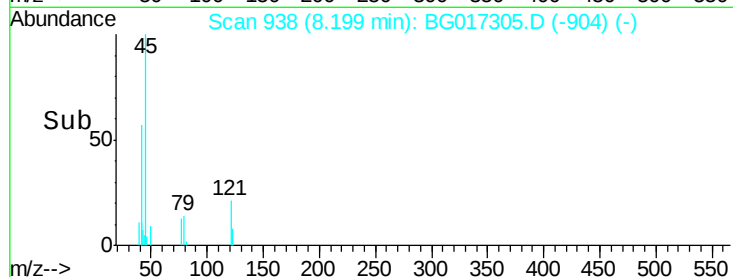
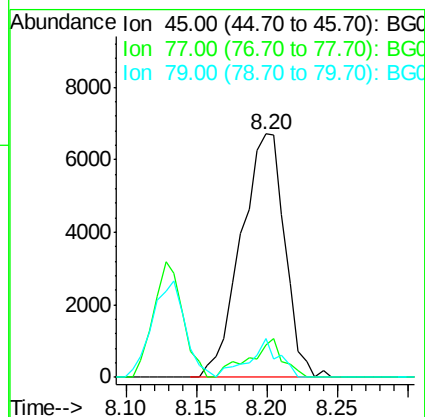
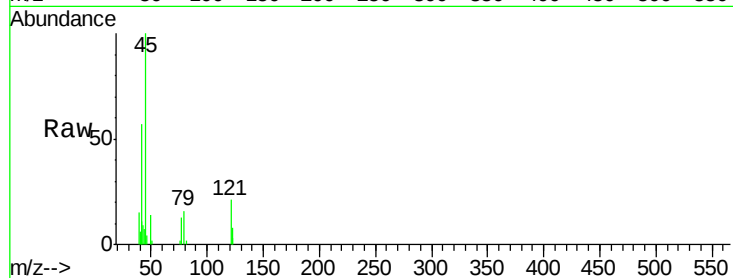




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 6.04 ng
RT: 8.20 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

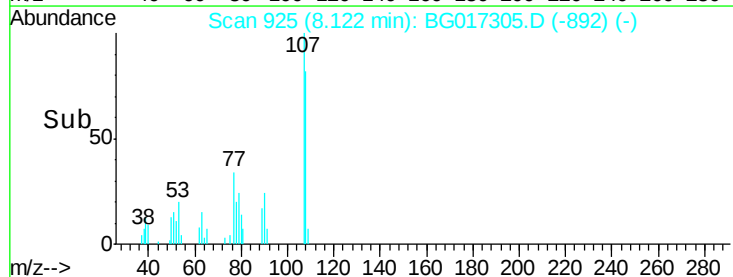
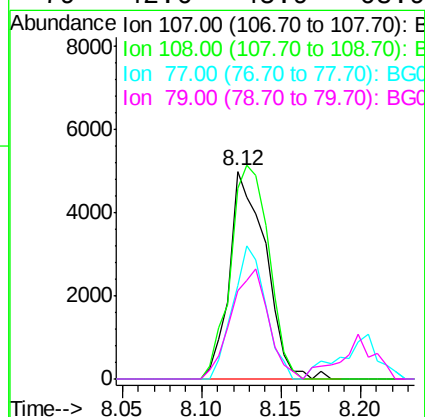
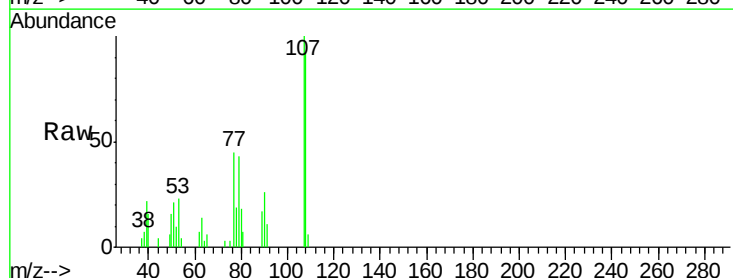
Instrument :
BNA_G
ClientSampleId :
PB83579BS

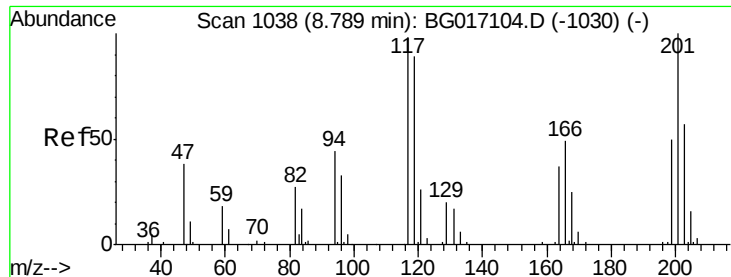
Tot Ion: 45 Resp: 14566
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.5
79 15.9 0.0 29.4



#17
2-Methylphenol
Concen: 5.51 ng
RT: 8.12 min Scan# 925
Delta R.T. -0.01 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion: 107 Resp: 7914
Ion Ratio Lower Upper
107 100
108 91.8 96.6 144.8#
77 44.7 51.2 76.8#
79 42.6 45.9 68.9#

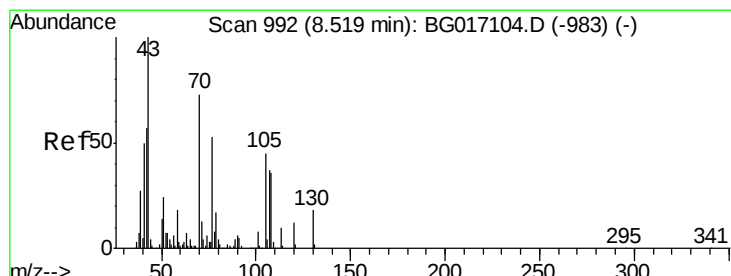
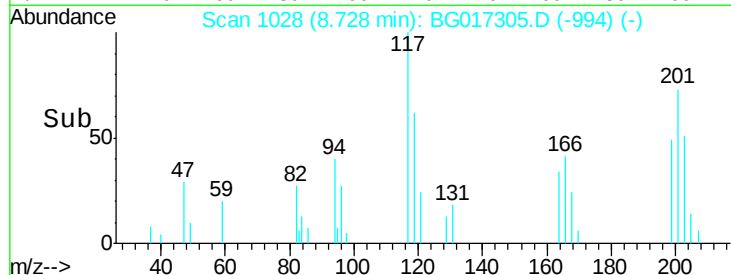
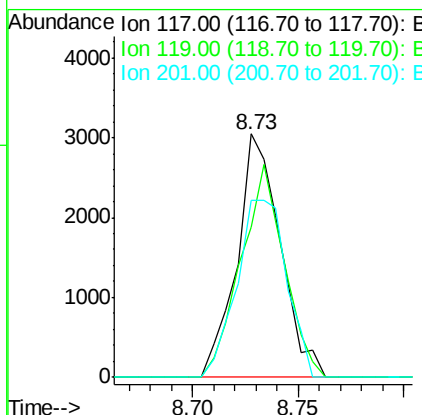
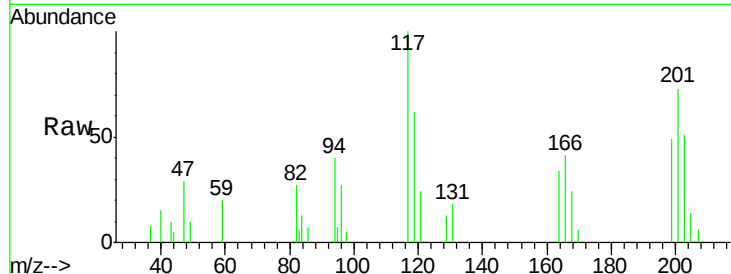




#18
 Hexachloroethane
 Concen: 5.78 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG017305.D
 Acq: 27 May 2015 16:51

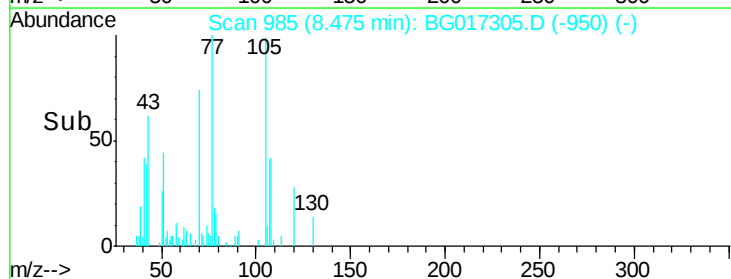
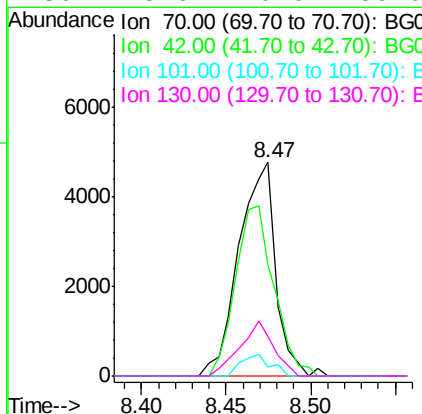
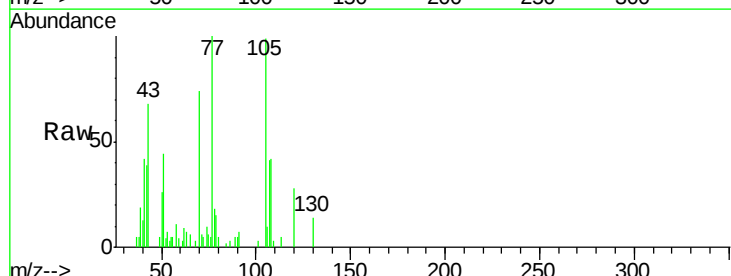
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

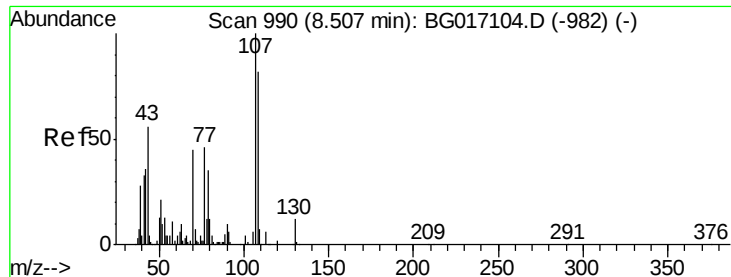
Tot Ion:117 Resp: 4337
 Ion Ratio Lower Upper
 117 100
 119 61.5 73.0 109.6#
 201 72.5 81.7 122.5#



#19
 n-Nitroso-di-n-propylamine
 Concen: 4.44 ng
 RT: 8.47 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BG017305.D
 Acq: 27 May 2015 16:51

Tgt Ion: 70 Resp: 7230
 Ion Ratio Lower Upper
 70 100
 42 52.0 62.6 94.0#
 101 4.5 9.0 13.4#
 130 18.6 20.0 30.0#





#20

3+4-Methylphenols

Concen: 5.19 ng

RT: 8.46 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tot Ion:107 Resp: 10377

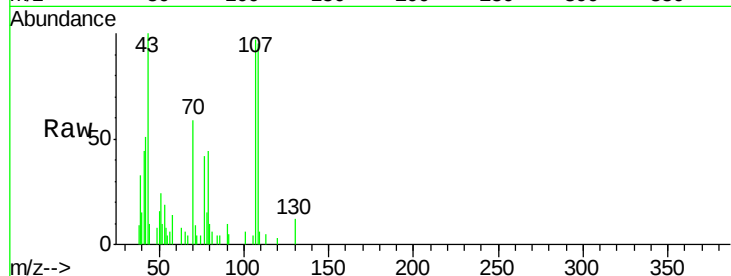
Ion Ratio Lower Upper

107 100

108 97.1 62.2 102.2

77 43.1 26.0 66.0

79 45.2 14.8 54.8

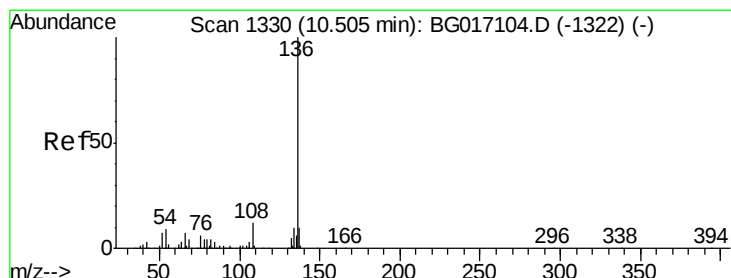
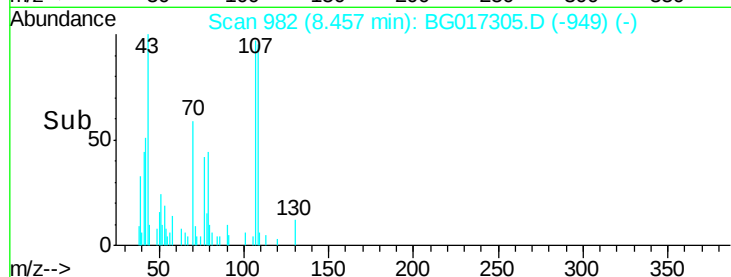
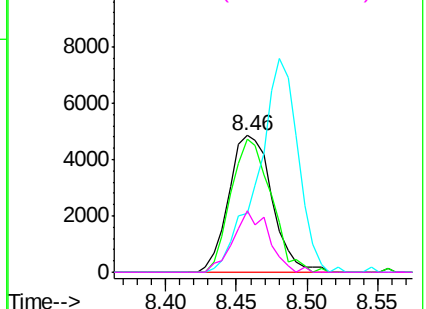


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:136 Resp: 96933

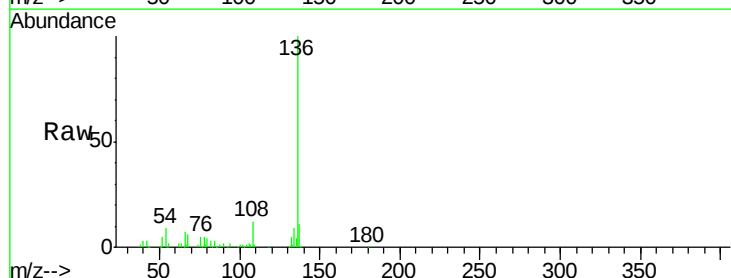
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 8.5 7.4 11.2

68 5.7 3.6 5.4#

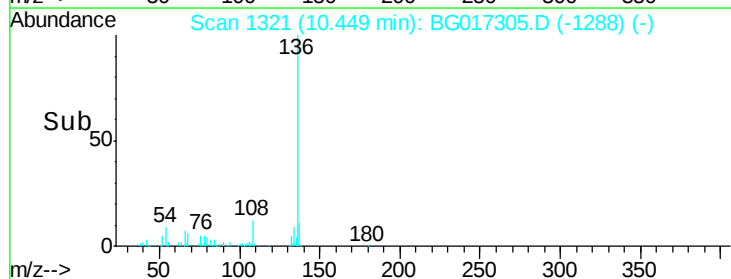
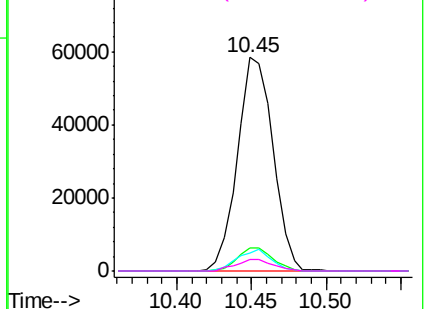


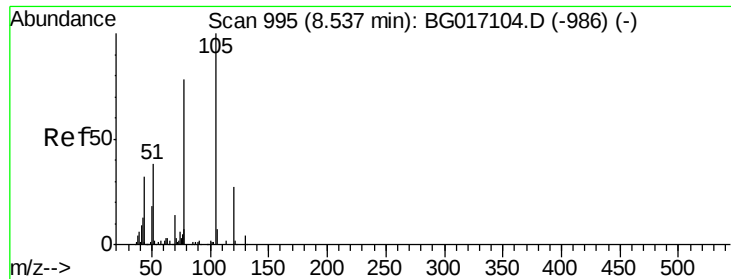
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 5.43 ng

RT: 8.48 min Scan# 986

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tot Ion:105 Resp: 12782

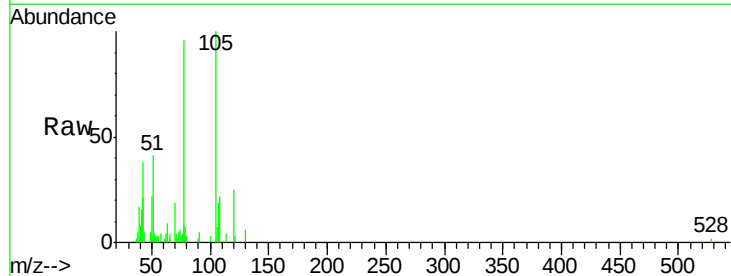
Ion Ratio Lower Upper

105 100

71 3.5 2.2 3.4#

51 41.0 32.8 49.2

120 24.7 21.8 32.6

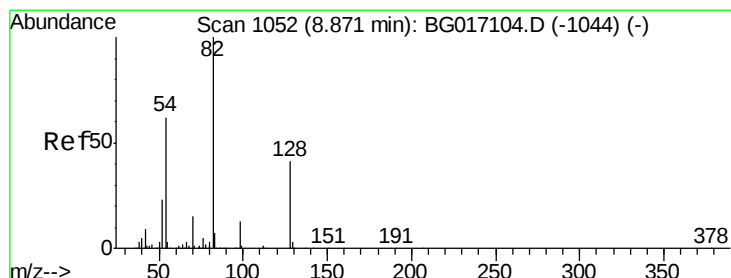
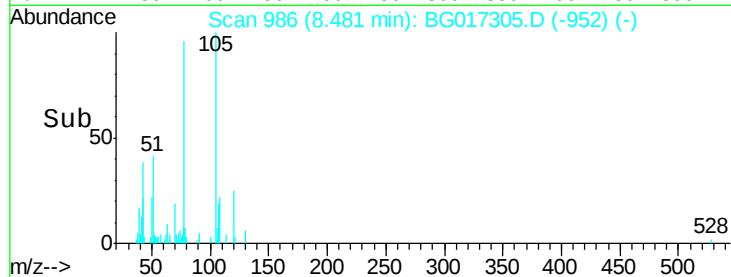
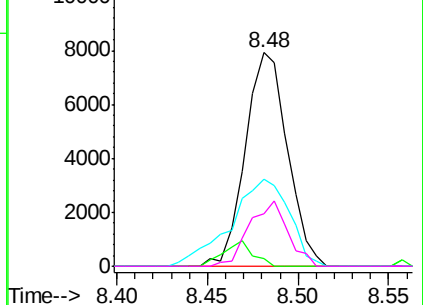


Abundance Ion 105.00 (104.70 to 105.70): E

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: 10.34 ng

RT: 8.82 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

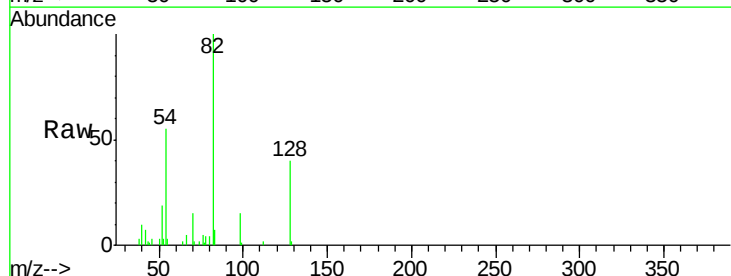
Tgt Ion: 82 Resp: 21473

Ion Ratio Lower Upper

82 100

128 40.0 32.6 49.0

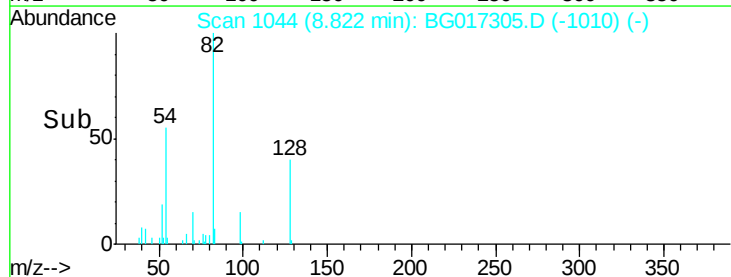
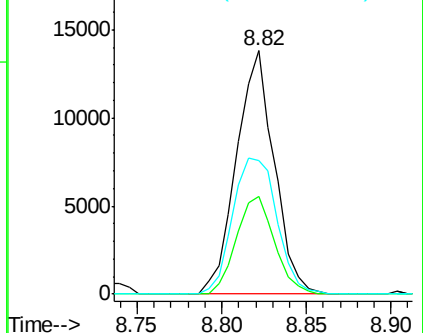
54 54.8 49.6 74.4

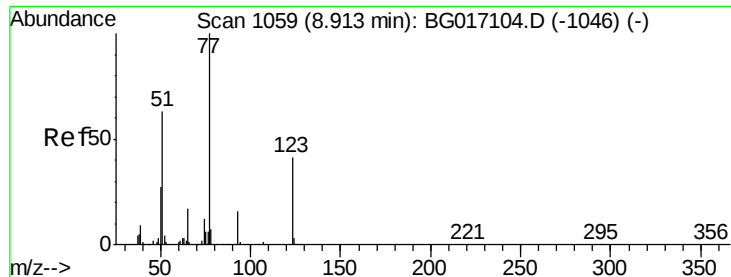


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 5.52 ng

RT: 8.86 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

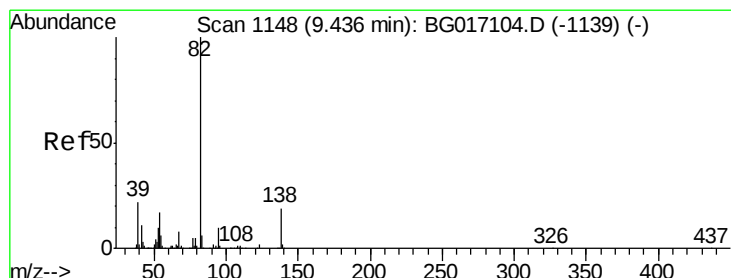
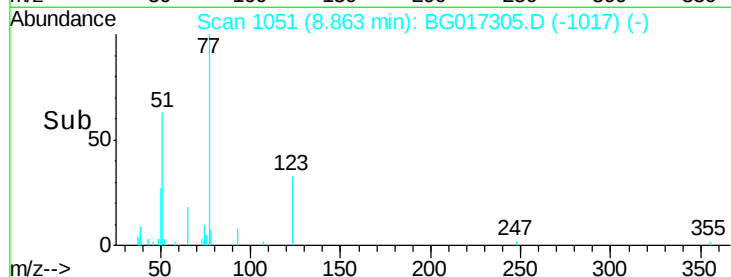
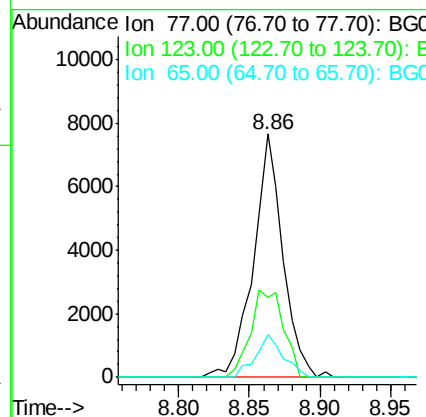
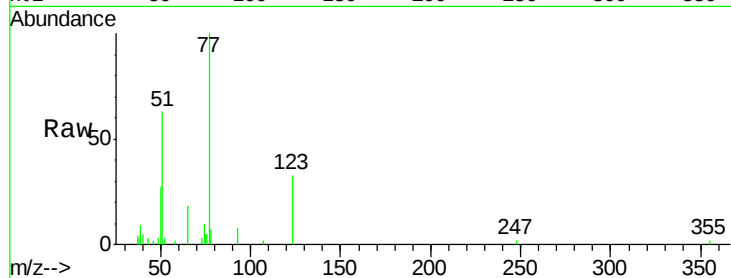
Tot Ion: 77 Resp: 11214

Ion Ratio Lower Upper

77 100

123 32.8 33.0 49.4#

65 17.6 13.3 19.9



#25

Isophorone

Concen: 4.93 ng

RT: 9.39 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

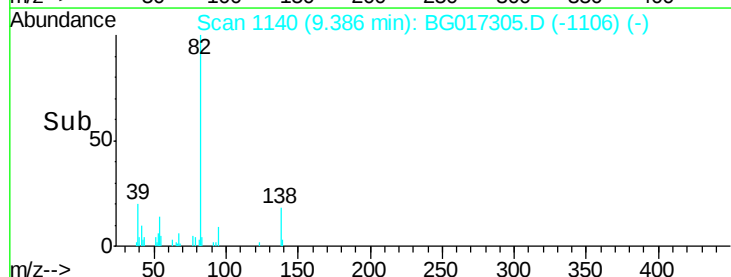
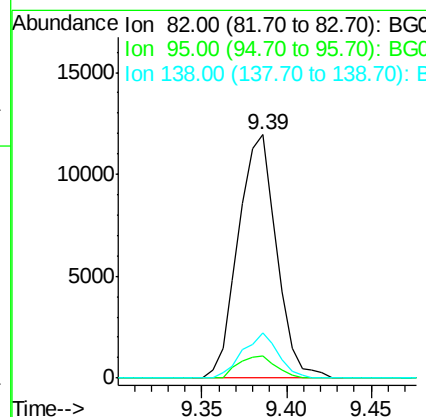
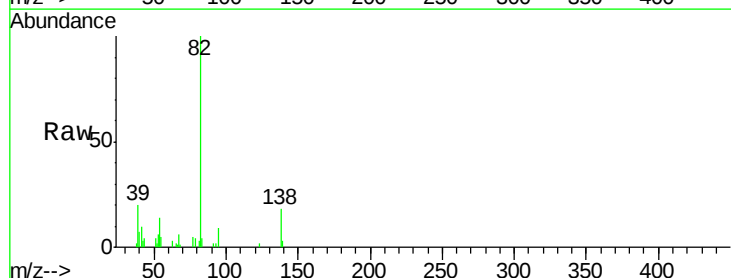
Tgt Ion: 82 Resp: 18871

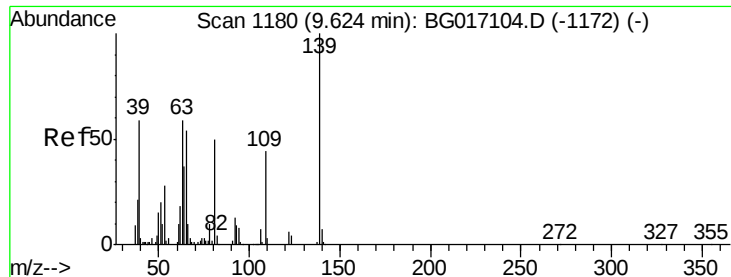
Ion Ratio Lower Upper

82 100

95 9.0 7.7 11.5

138 18.4 15.0 22.6

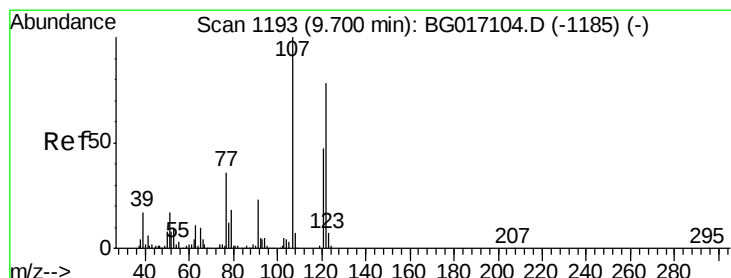
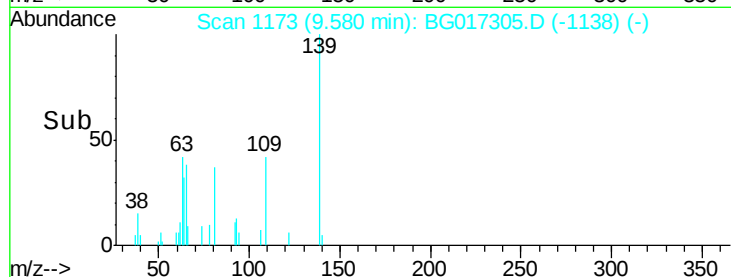
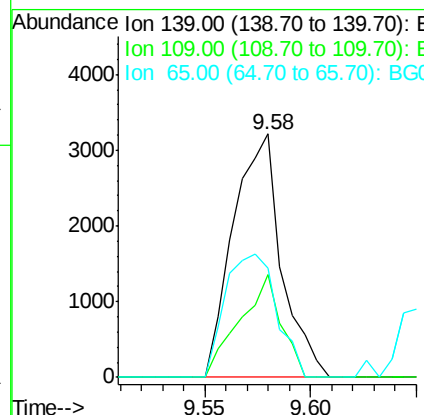
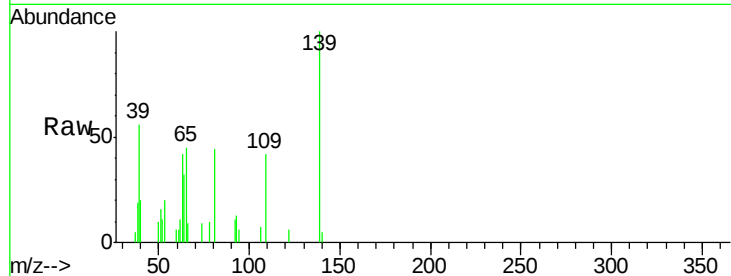




#26
2-Nitrophenol
Concen: 5.60 ng
RT: 9.58 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

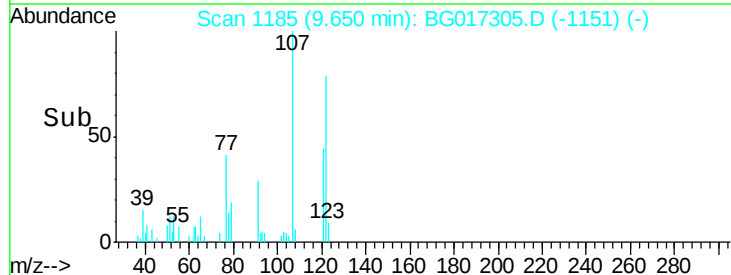
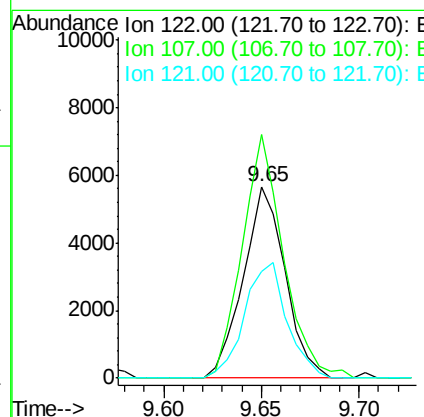
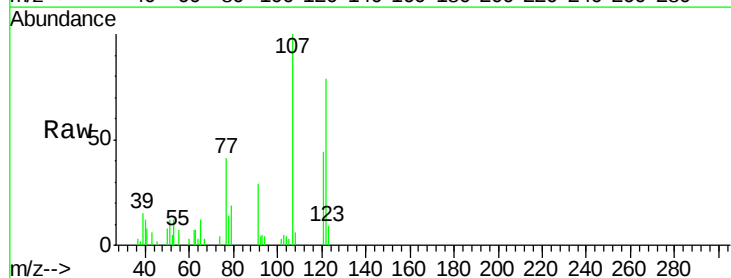
Instrument :
BNA_G
ClientSampleId :
PB83579BS

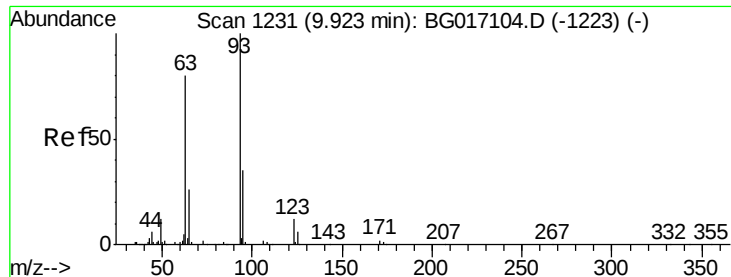
Tot Ion	Ratio	Lower	Upper
139	100		
109	42.0	34.9	52.3
65	44.7	43.0	64.4



#27
2,4-Dimethylphenol
Concen: 5.62 ng
RT: 9.65 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.0	102.3	153.5
121	55.5	48.7	73.1

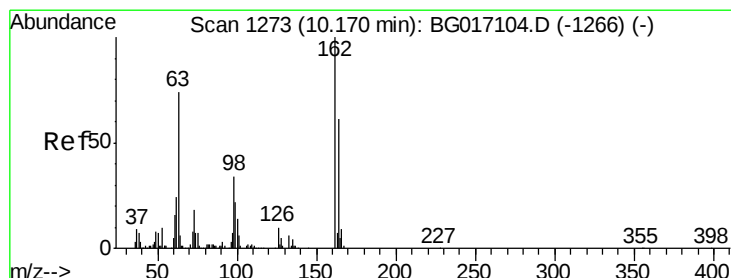
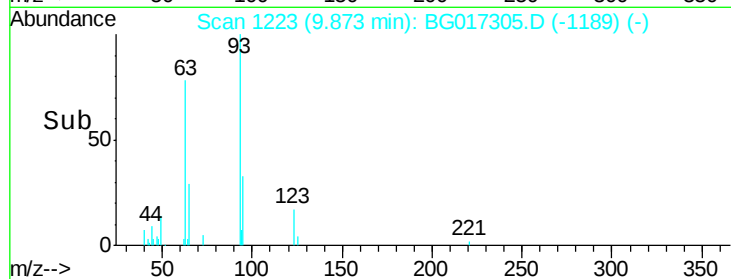
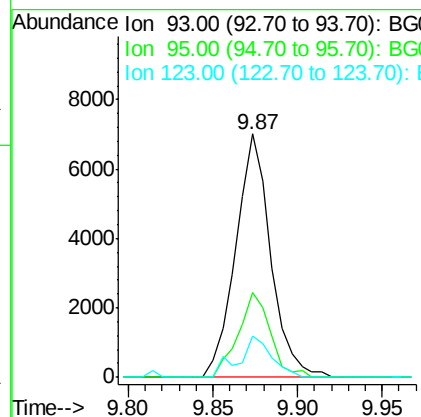
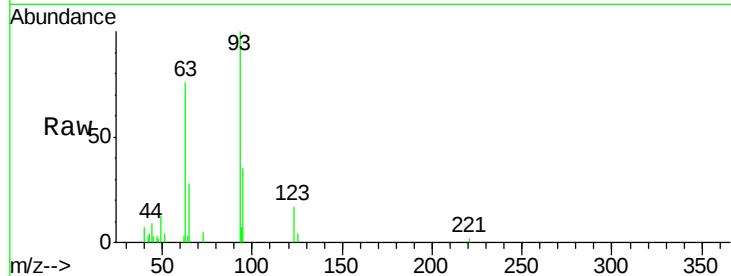




#28
bis(2-Chloroethoxy)methane
Concen: 5.43 ng
RT: 9.87 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

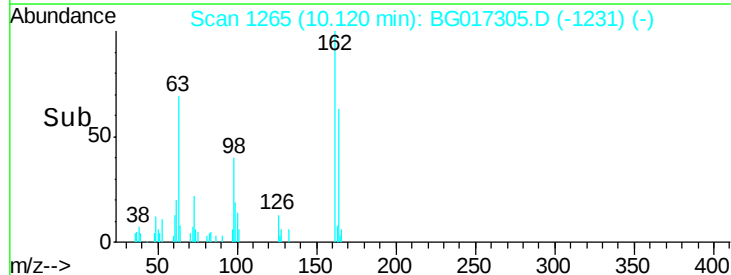
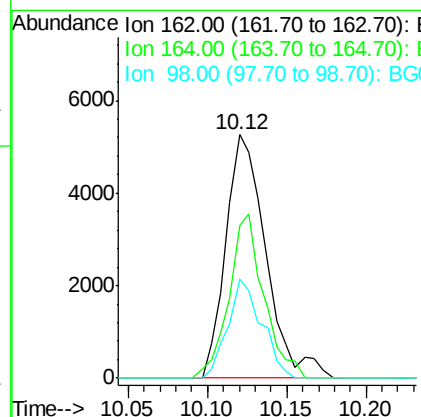
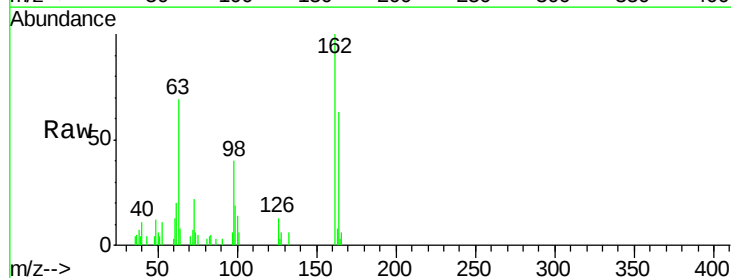
Instrument :
BNA_G
ClientSampleId :
PB83579BS

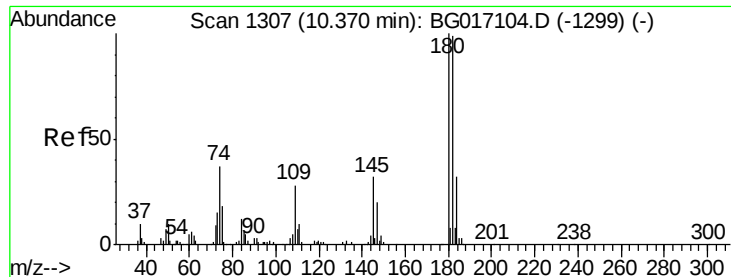
Tot Ion	93	Resp	10121
Ion Ratio	Lower	Upper	
93	100		
95	34.8	28.0	42.0
123	16.9	10.3	15.5#



#29
2,4-Dichlorophenol
Concen: 6.54 ng
RT: 10.12 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion	162	Resp	9217
Ion Ratio	Lower	Upper	
162	100		
164	62.7	41.4	81.4
98	40.4	14.3	54.3





#30

1,2,4-Trichlorobenzene

Concen: 5.36 ng

RT: 10.32 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

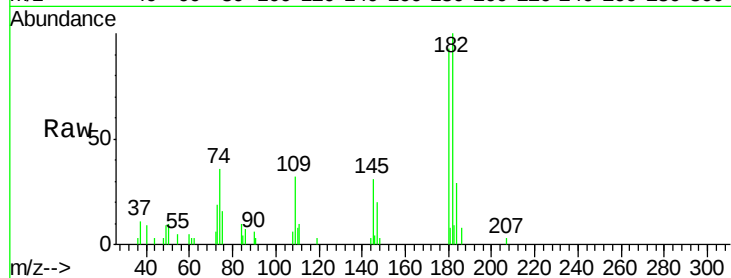
BNA_G

ClientSampleId :

PB83579BS

Tot Ion:180 Resp: 8579

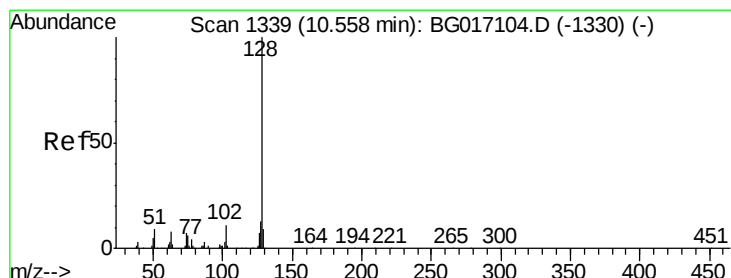
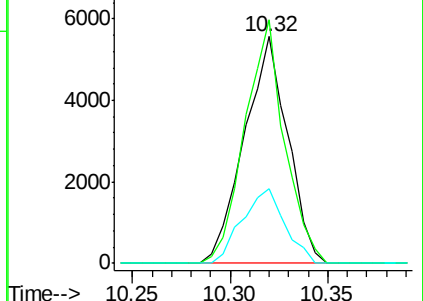
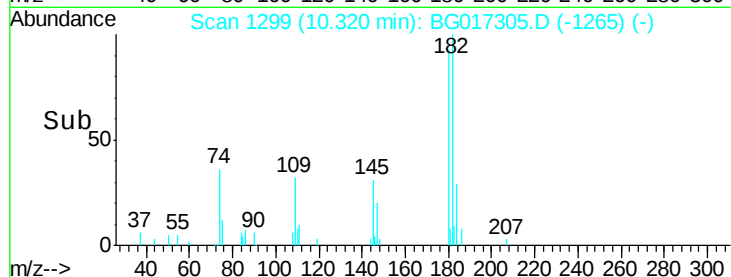
Ion	Ratio	Lower	Upper
180	100		
182	107.4	79.4	119.0
145	32.8	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 5.67 ng

RT: 10.50 min Scan# 1330

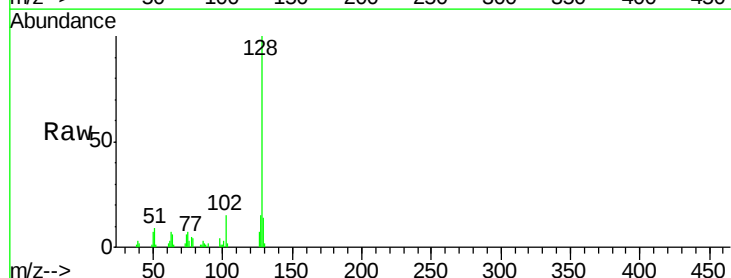
Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:128 Resp: 26916

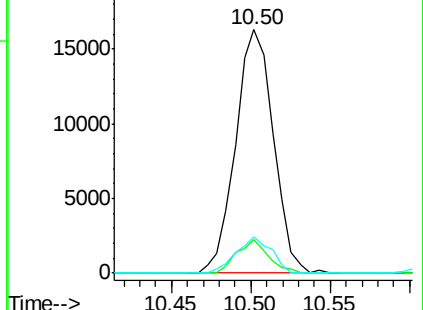
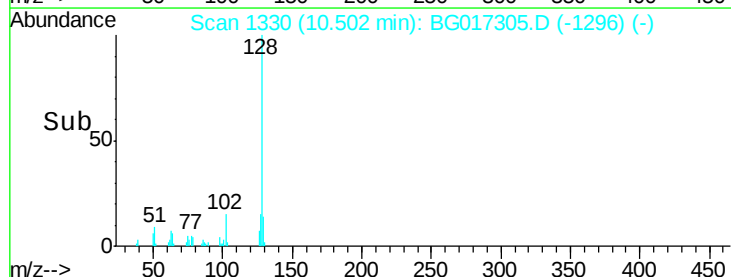
Ion	Ratio	Lower	Upper
128	100		
129	14.0	7.6	11.4#
127	15.1	10.6	16.0

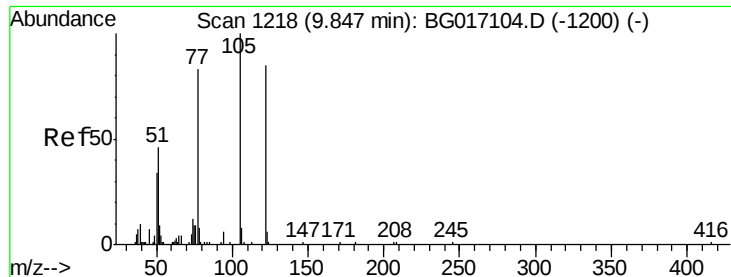


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.77 ng/ml

RT: 9.77 min Scan# 1205

Delta R.T. -0.04 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

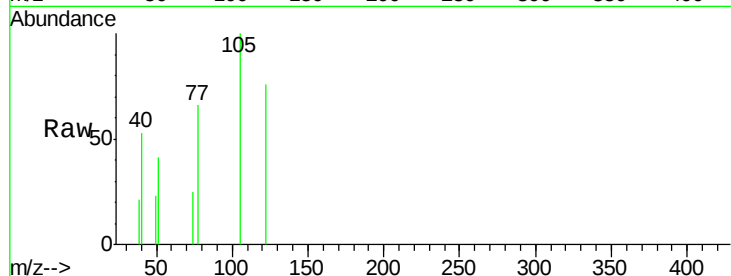
Tot Ion:122 Resp: 2804

Ion Ratio Lower Upper

122 100

105 131.7 96.7 136.7

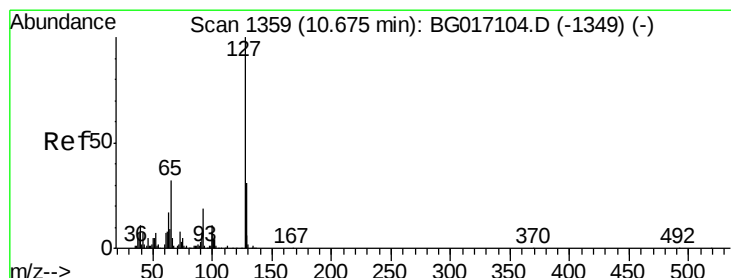
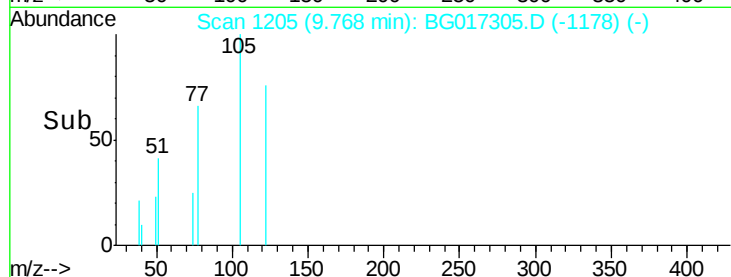
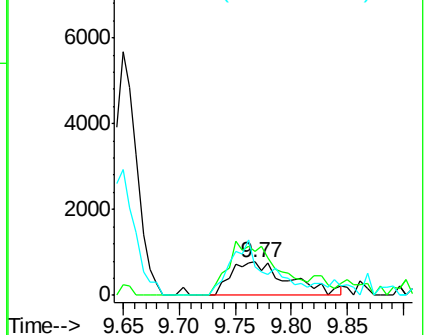
77 87.4 78.5 118.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 3.99 ng/ml

RT: 10.62 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:127 Resp: 8946

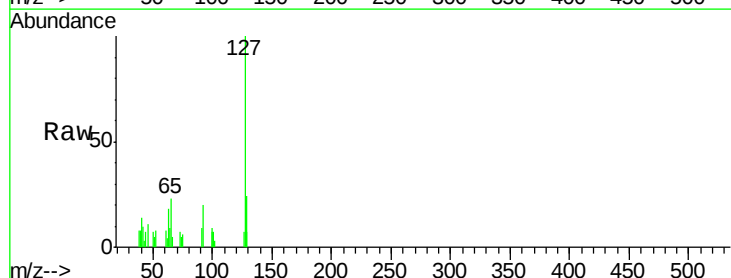
Ion Ratio Lower Upper

127 100

129 23.9 24.8 37.2#

65 23.0 25.8 38.6#

92 19.5 15.0 22.4

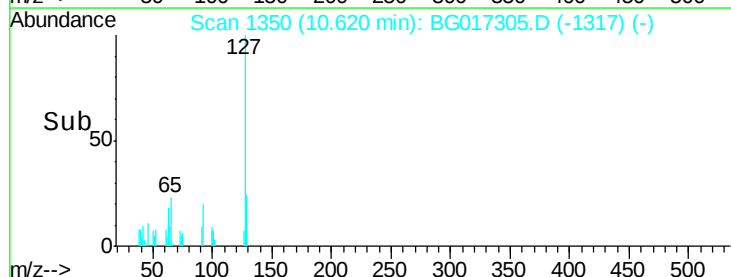
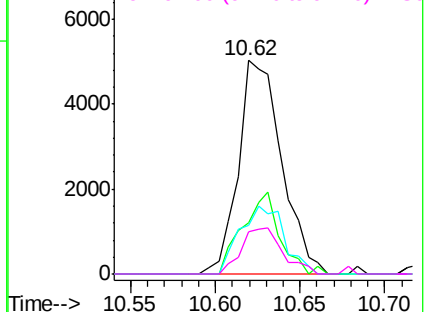


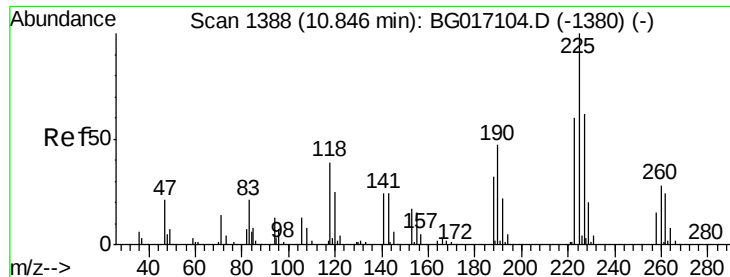
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

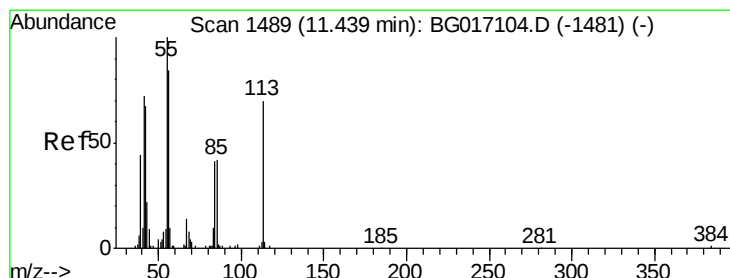
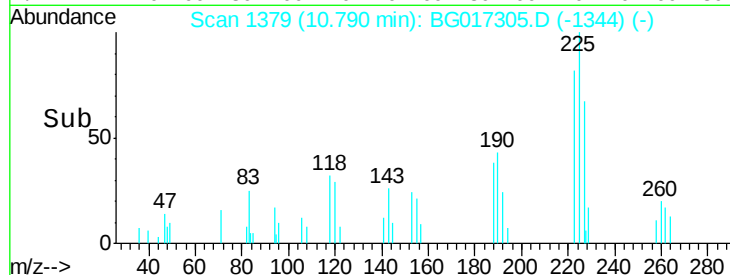
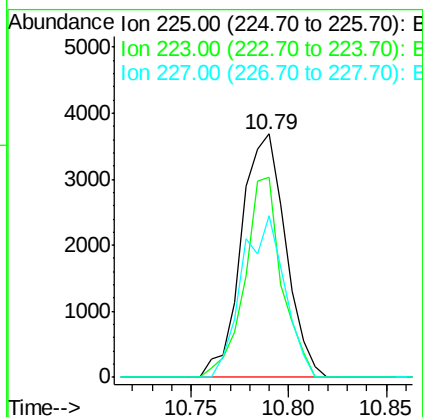
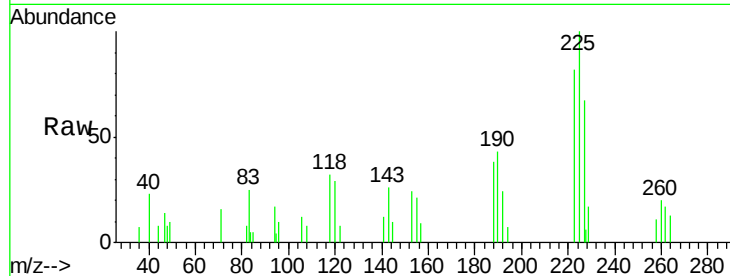




#34
Hexachlorobutadiene
Concen: 5.72 ng
RT: 10.79 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

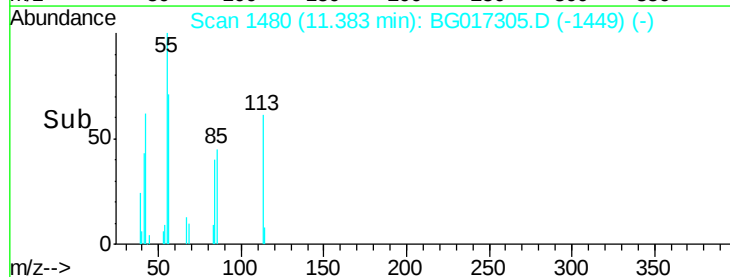
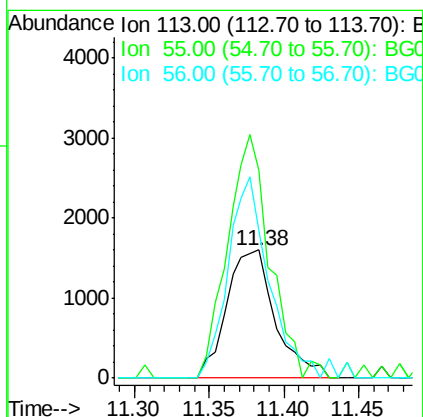
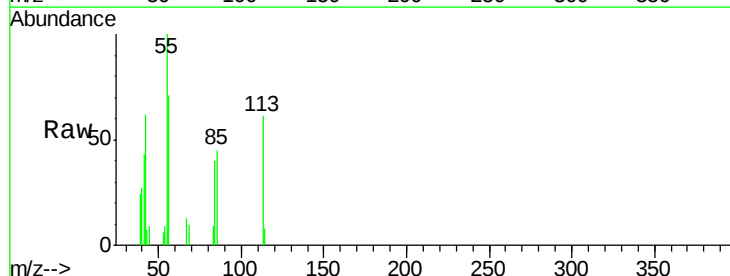
Instrument :
BNA_G
ClientSampleId :
PB83579BS

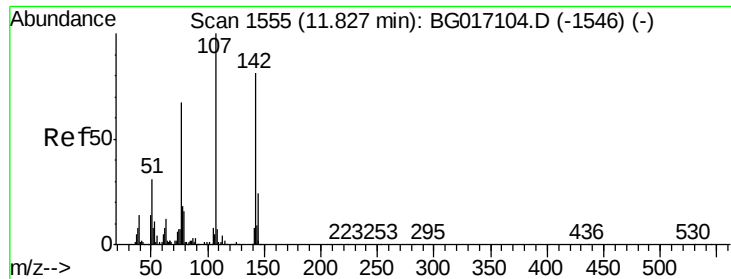
Tot Ion:225 Resp: 5793
Ion Ratio Lower Upper
225 100
223 82.0 48.3 72.5#
227 72.2 49.8 74.8



#35
Caprolactam
Concen: 5.10 ng
RT: 11.38 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:113 Resp: 3616
Ion Ratio Lower Upper
113 100
55 162.6 124.1 164.1
56 115.1 100.3 140.3

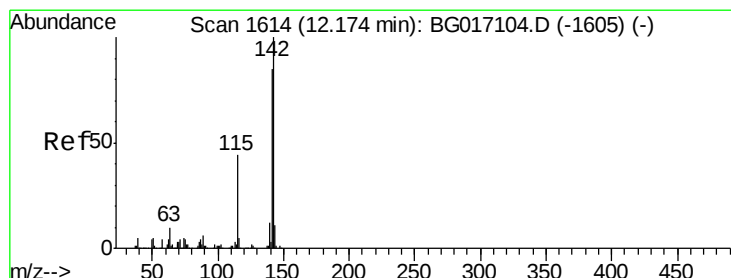
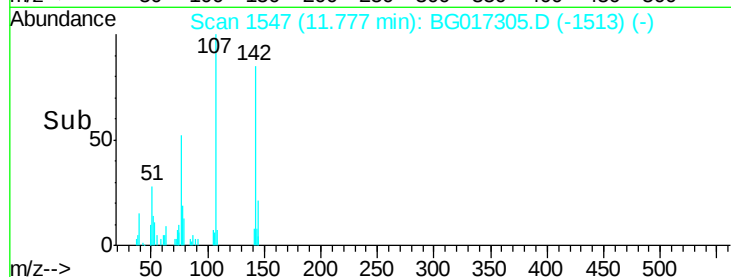
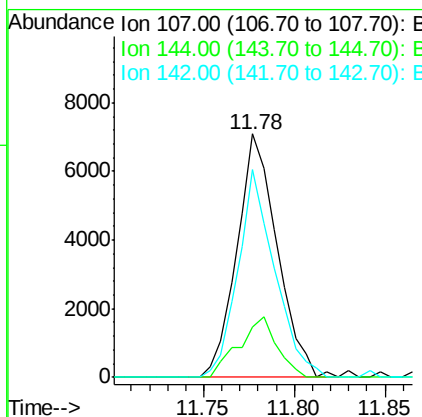
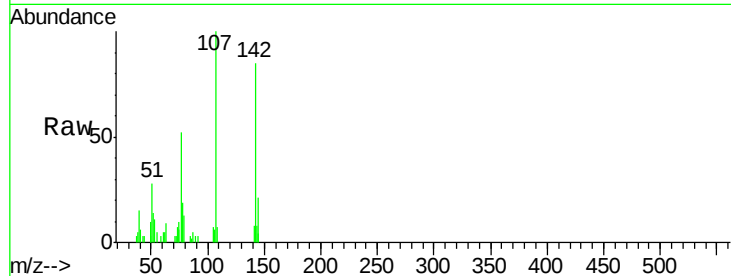




#36
 4-Chloro-3-methylphenol
 Concen: 6.13 ng
 RT: 11.78 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BG017305.D
 Acq: 27 May 2015 16:51

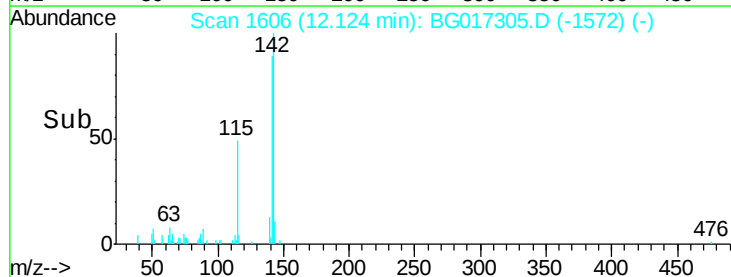
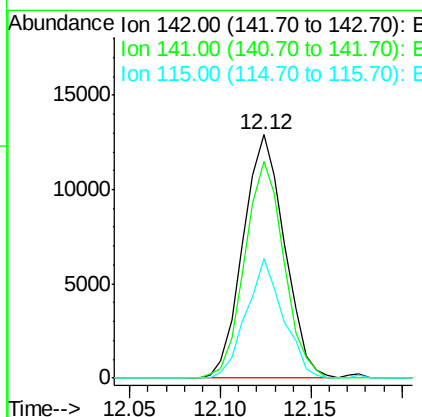
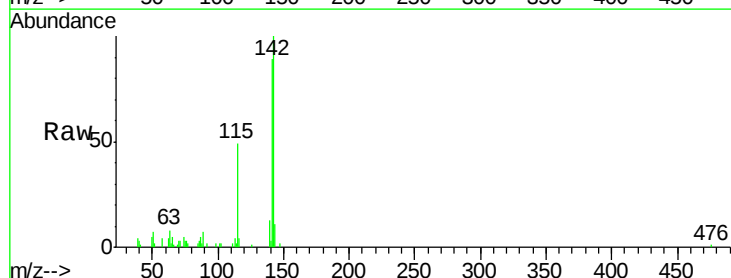
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

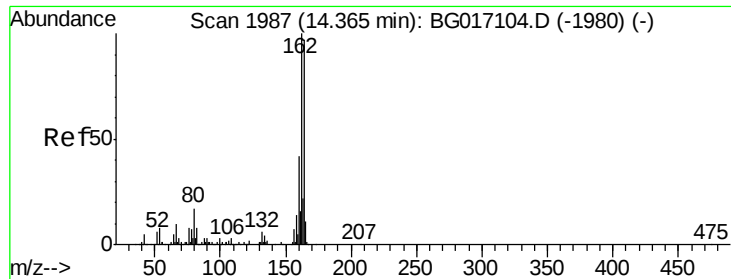
Tot Ion	Ratio	Lower	Upper
107	100		
144	20.7	19.6	29.4
142	85.2	64.9	97.3



#37
 2-Methylnaphthalene
 Concen: 5.45 ng
 RT: 12.12 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG017305.D
 Acq: 27 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	68.2	102.2
115	48.9	35.6	53.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

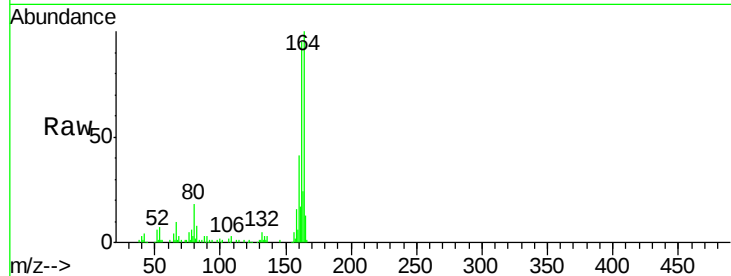
BNA_G

ClientSampleId :

PB83579BS

Tot Ion:164 Resp: 66305

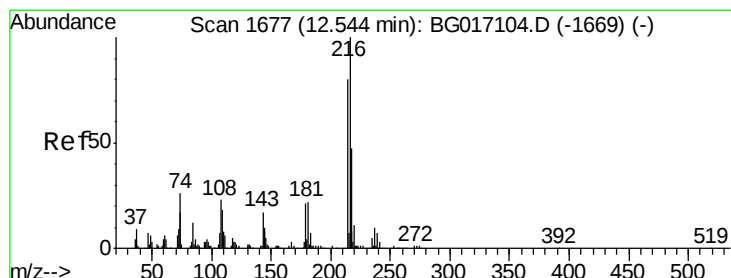
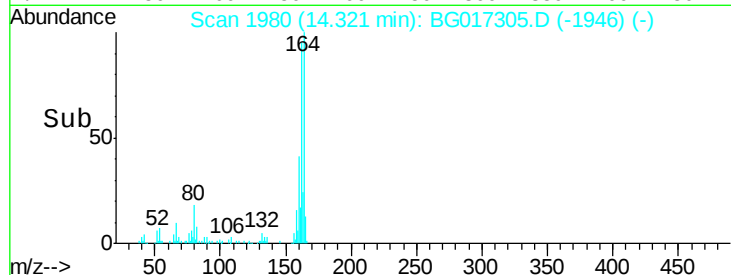
Ion	Ratio	Lower	Upper
164	100		
162	95.2	82.1	123.1
160	41.5	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.45 ng

RT: 12.50 min Scan# 1670

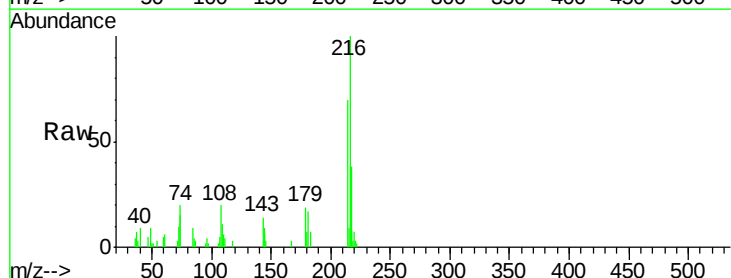
Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:216 Resp: 10223

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	21.5	17.8	26.8
108	25.5	19.9	29.9

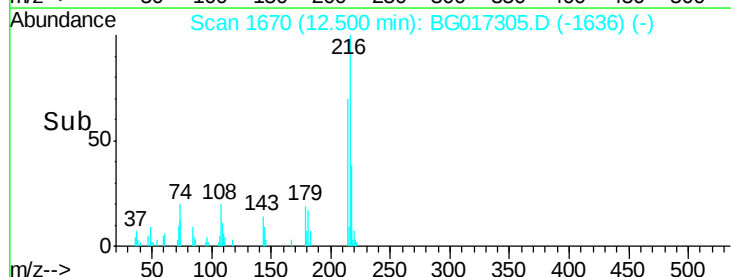


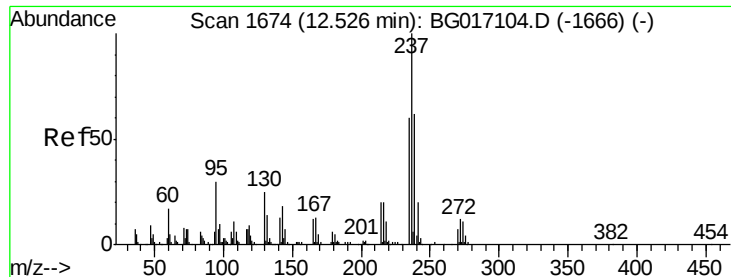
Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.33 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

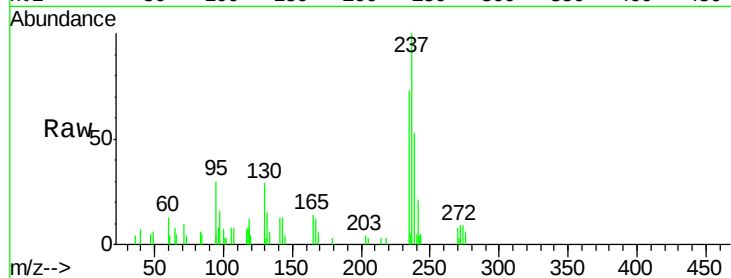
BNA_G

ClientSampleId :

PB83579BS

Tot Ion:237 Resp: 8387

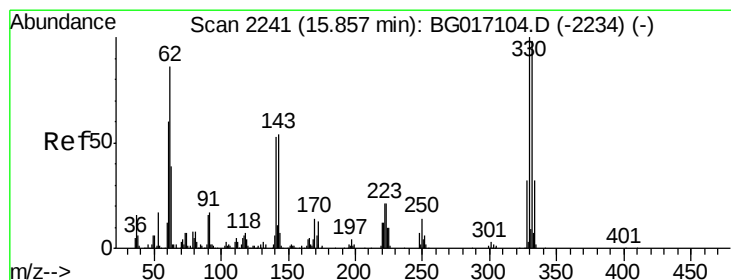
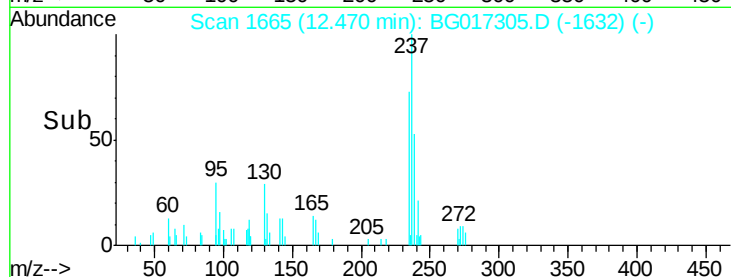
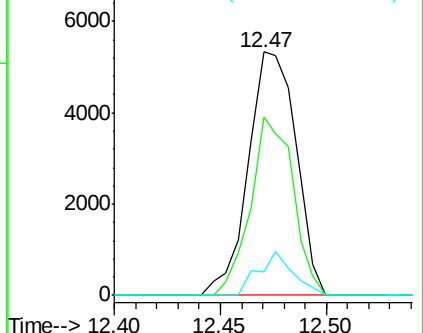
Ion	Ratio	Lower	Upper
237	100		
235	73.4	39.7	79.7
272	9.5	0.0	32.1



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: 18.44 ng

RT: 15.81 min Scan# 2234

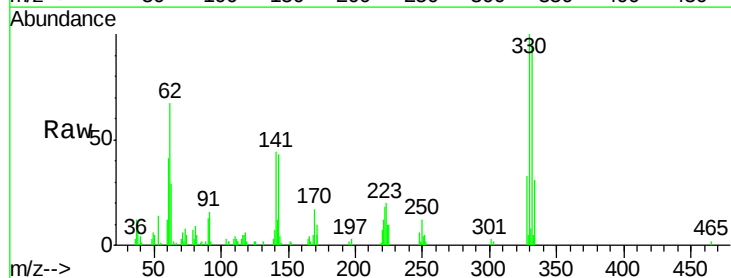
Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:330 Resp: 14782

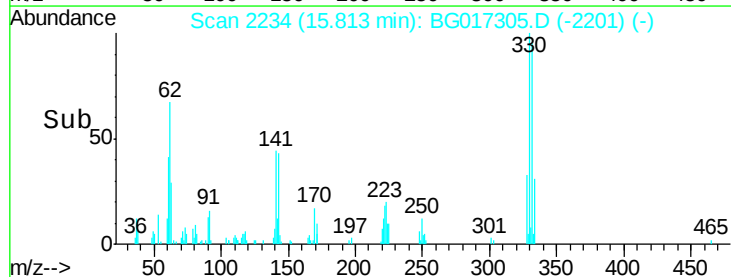
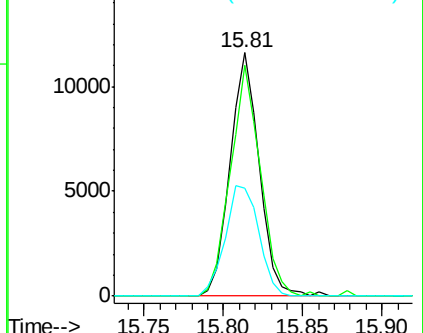
Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	52.3	42.2	63.2

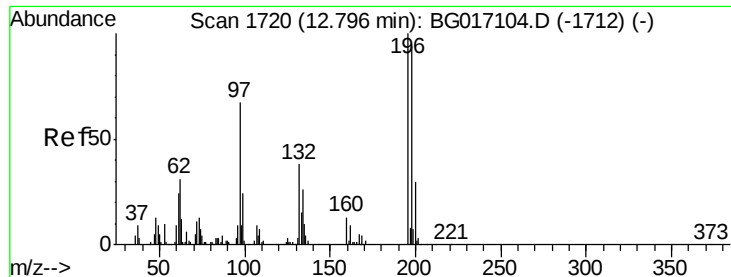


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 5.17 ng/mL

RT: 12.75 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

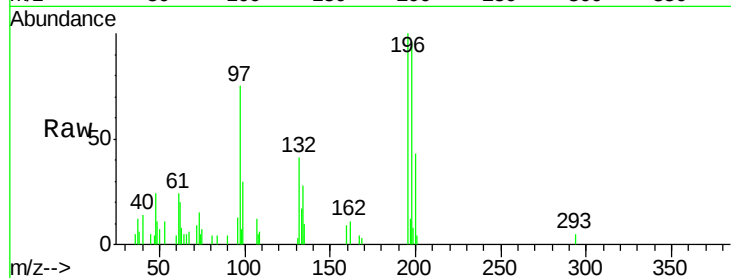
Tot Ion:196 Resp: 6875

Ion Ratio Lower Upper

196 100

198 96.2 74.9 112.3

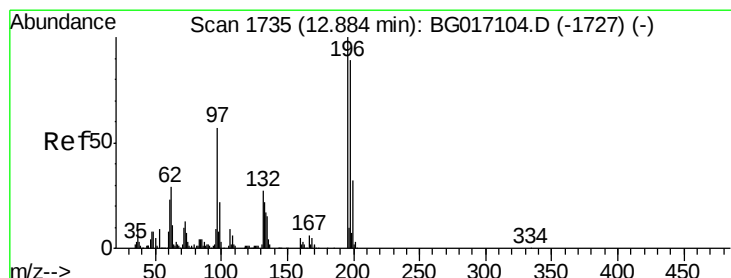
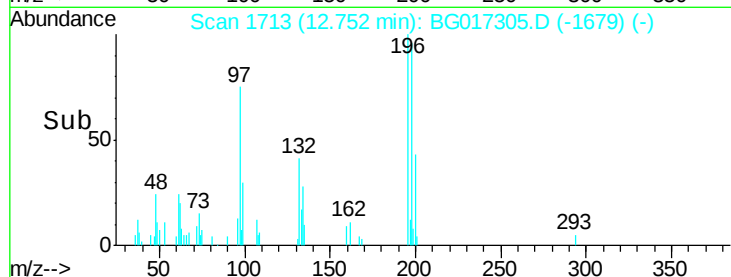
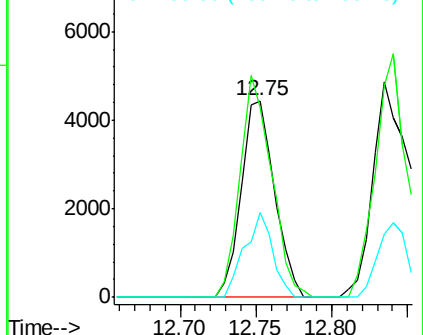
200 43.2 24.2 36.2#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 6.01 ng/mL

RT: 12.83 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:196 Resp: 8238

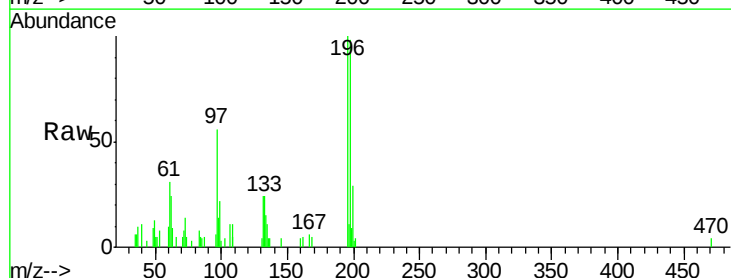
Ion Ratio Lower Upper

196 100

198 98.0 71.4 107.0

97 55.7 45.4 68.0

132 23.9 22.5 33.7

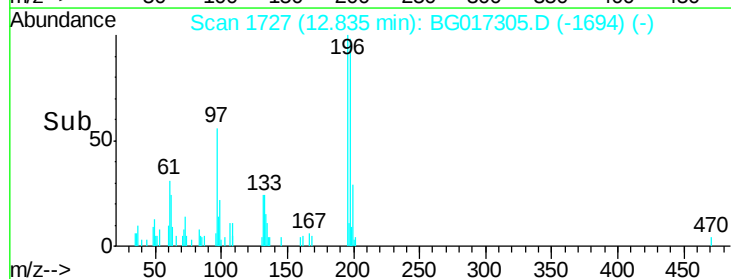
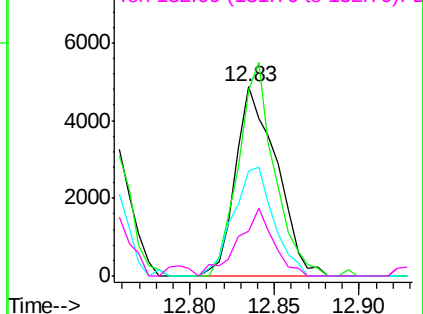


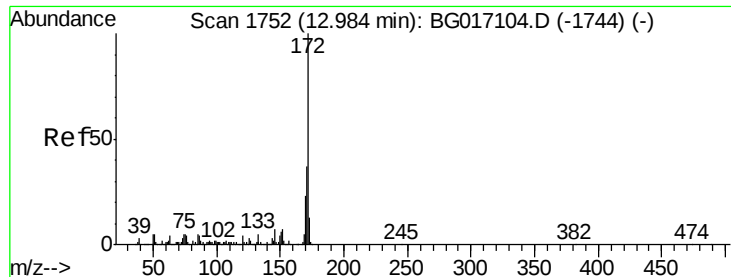
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

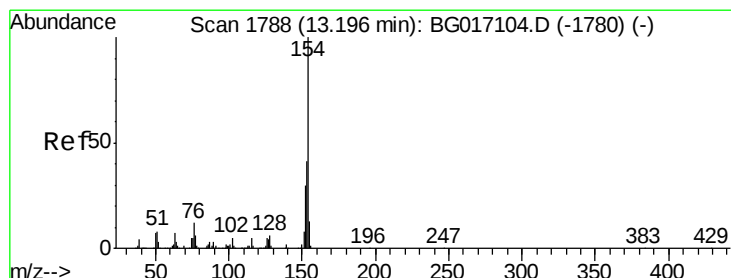
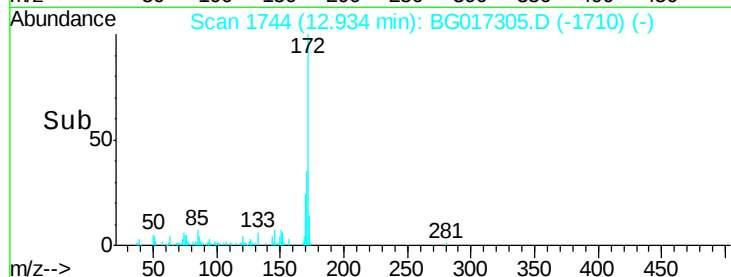
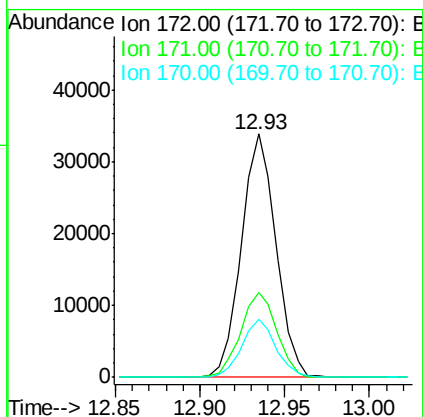
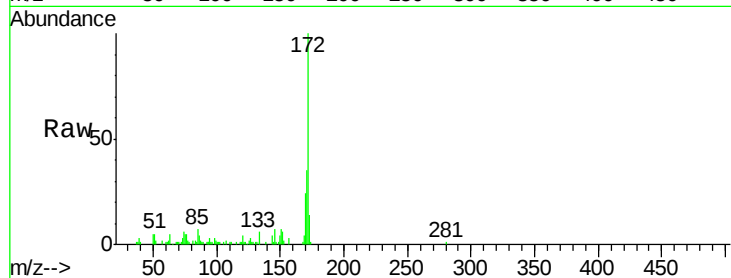




#44
2-Fluorobiphenyl
Concen: 10.67 ng
RT: 12.93 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

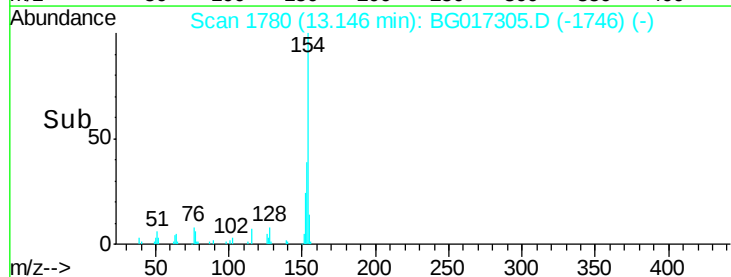
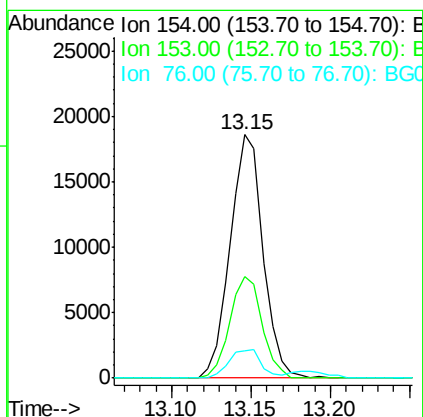
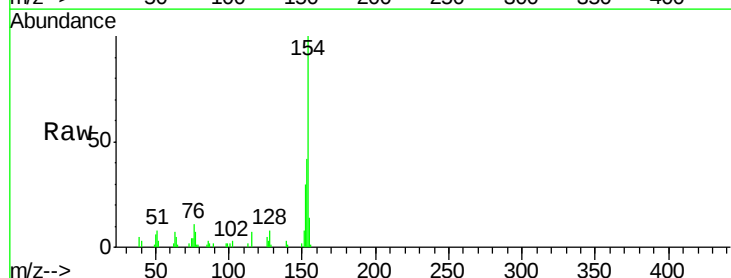
Instrument :
BNA_G
ClientSampleId :
PB83579BS

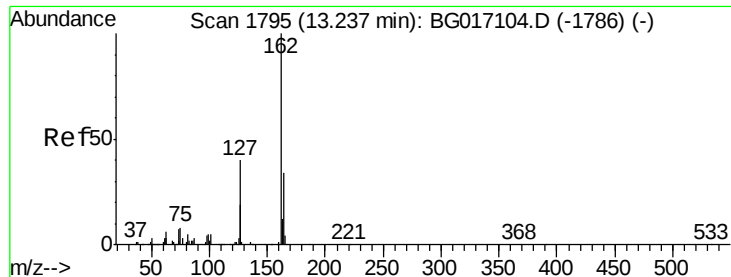
Tot Ion:172 Resp: 48198
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 24.0 18.4 27.6



#45
1,1'-Biphenyl
Concen: 5.58 ng
RT: 13.15 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:154 Resp: 26629
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 11.3 0.0 31.9

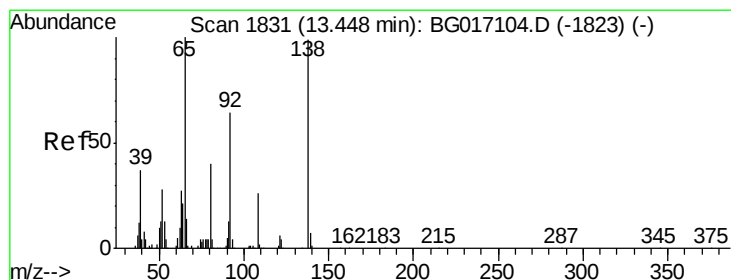
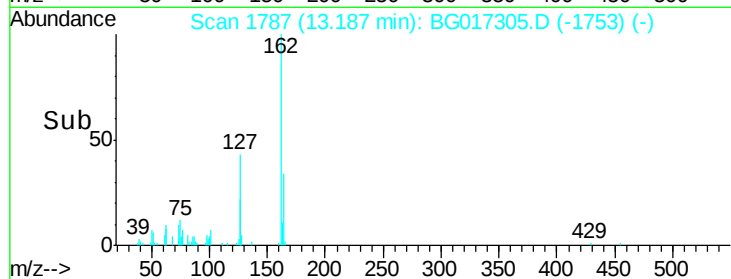
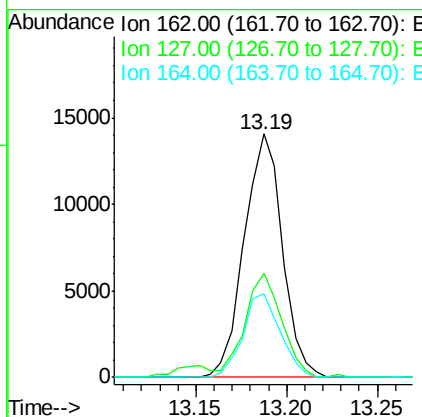
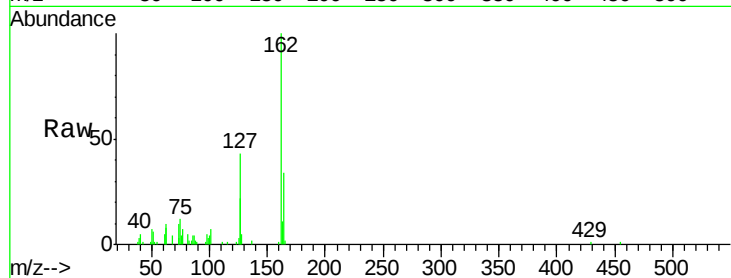




#46
2-Chloronaphthalene
Concen: 5.43 ng
RT: 13.19 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

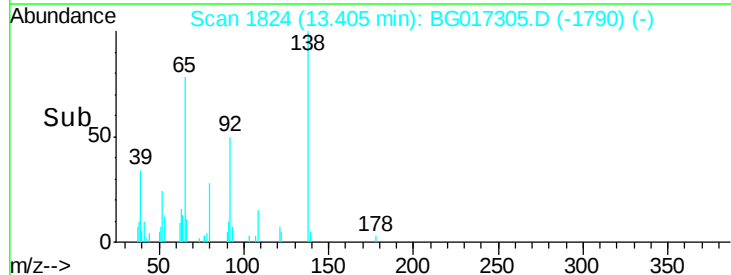
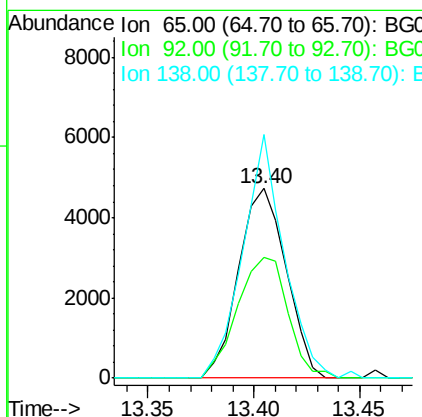
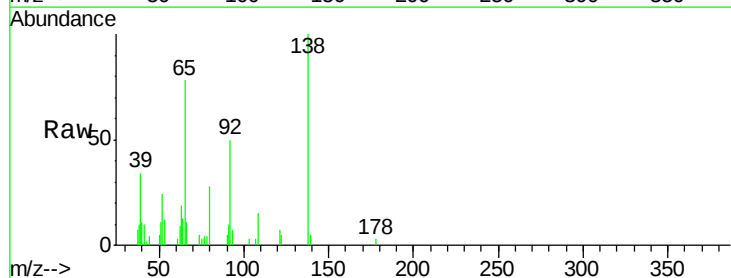
Instrument :
BNA_G
ClientSampleId :
PB83579BS

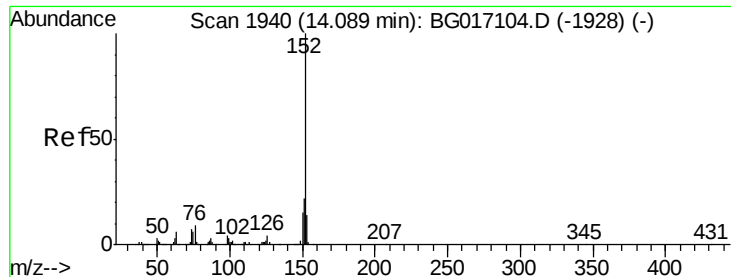
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.5	50.3
164	34.5	27.0	40.6



#47
2-Nitroaniline
Concen: 5.02 ng
RT: 13.40 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.0	76.4
138	128.4	79.3	118.9





#48

Acenaphthylene

Concen: 5.72 ng

RT: 14.04 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

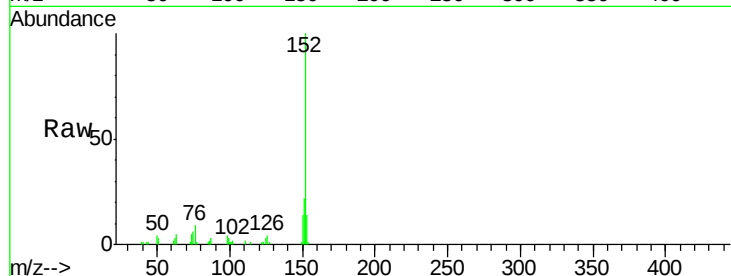
BNA_G

ClientSampleId :

PB83579BS

Tot Ion:152 Resp: 37057

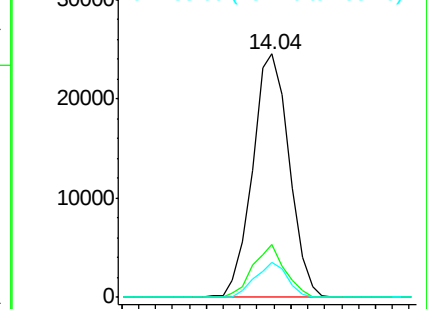
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.4	10.8	16.2



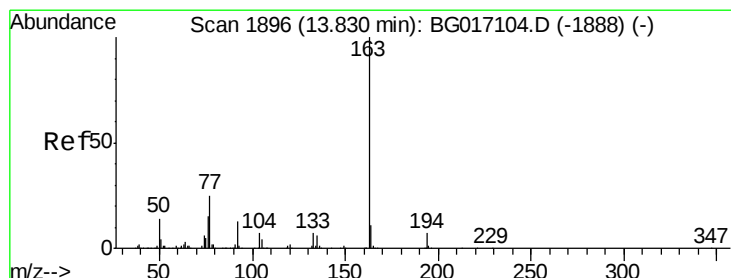
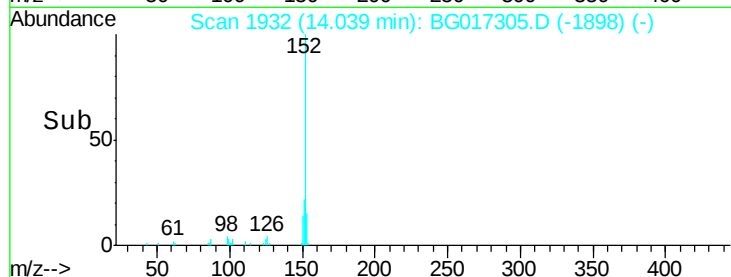
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.95 14.00 14.05 14.10



#49

Dimethylphthalate

Concen: 5.37 ng

RT: 13.78 min Scan# 1888

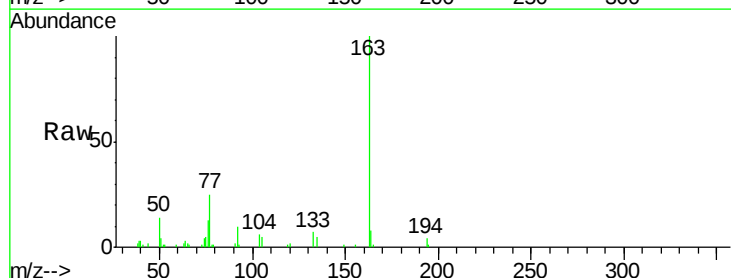
Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:163 Resp: 27815

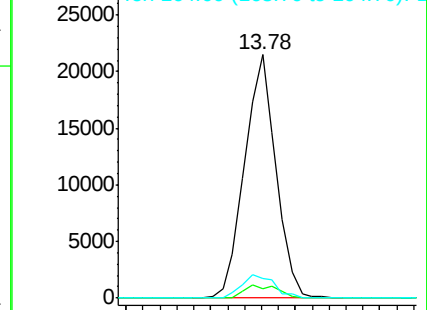
Ion	Ratio	Lower	Upper
163	100		
194	4.1	5.6	8.4#
164	8.0	8.6	13.0#



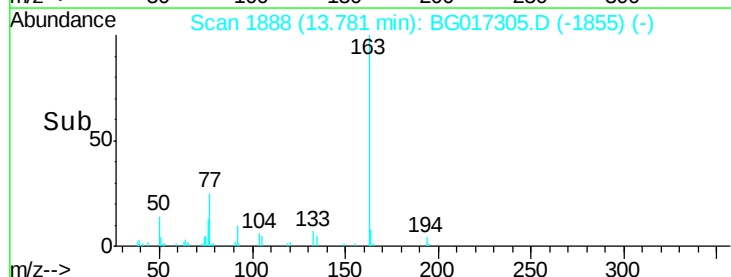
Abundance Ion 163.00 (162.70 to 163.70): E

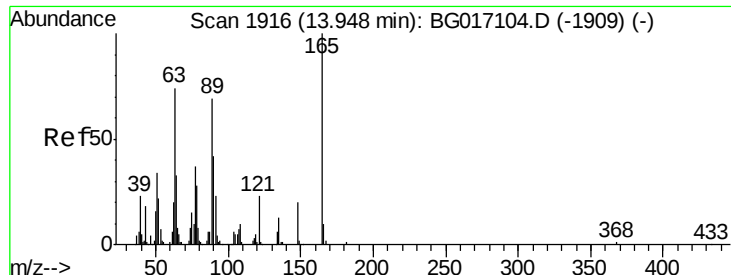
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.70 13.75 13.80 13.85

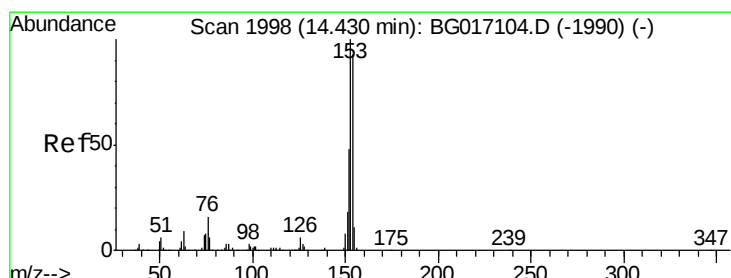
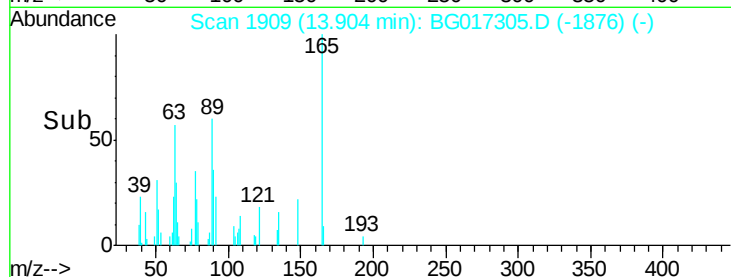
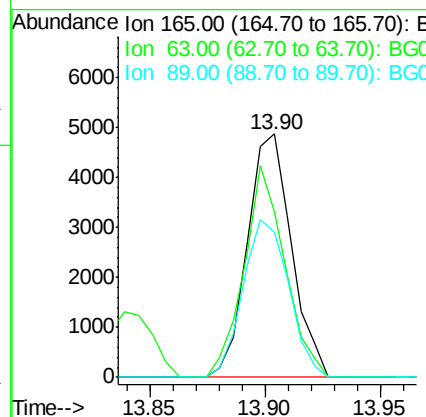
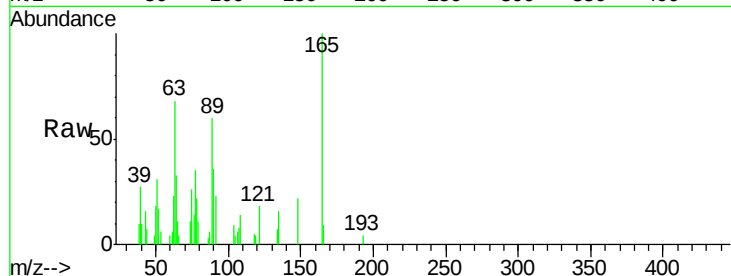




#50
2,6-Dinitrotoluene
Concen: 5.63 ng
RT: 13.90 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

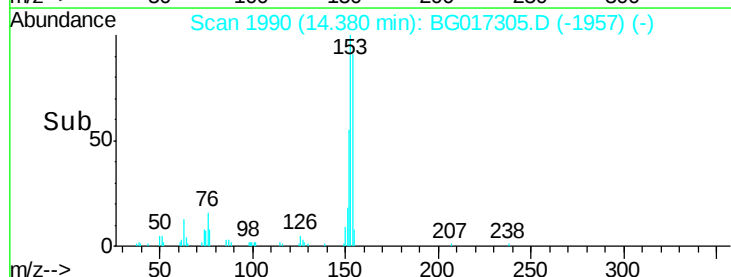
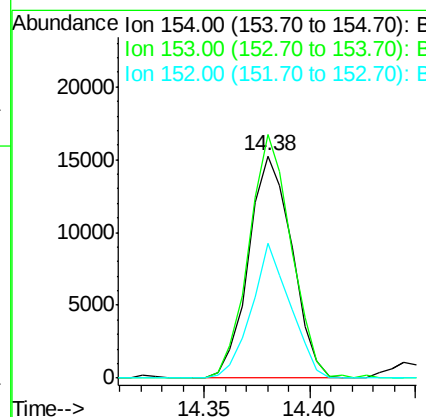
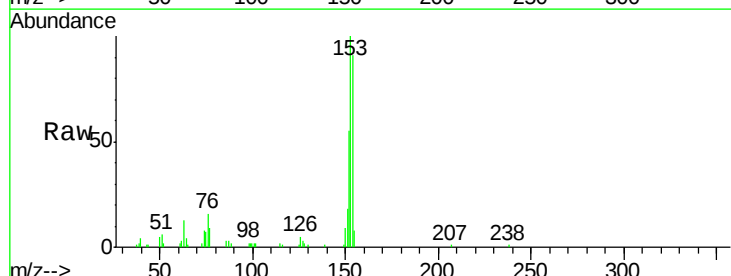
Instrument :
BNA_G
ClientSampleId :
PB83579BS

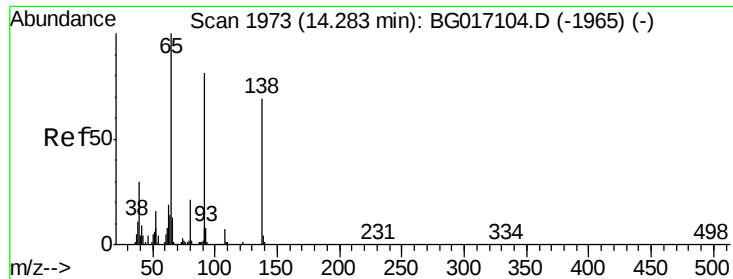
Tot Ion:165 Resp: 6473
Ion Ratio Lower Upper
165 100
63 67.8 60.6 90.8
89 59.7 55.0 82.6



#51
Acenaphthene
Concen: 5.69 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:154 Resp: 21769
Ion Ratio Lower Upper
154 100
153 109.5 86.2 129.4
152 60.4 41.5 62.3





#52

3-Nitroaniline

Concen: 5.11 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

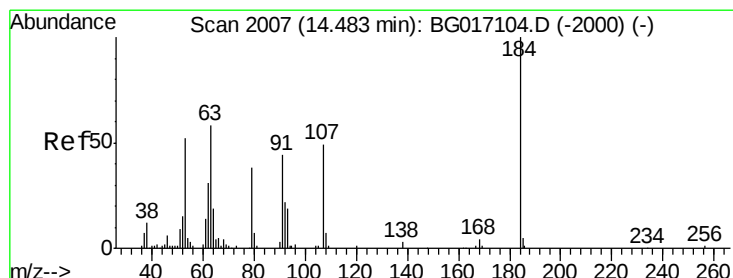
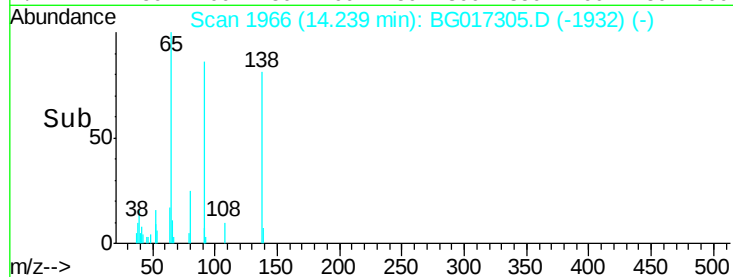
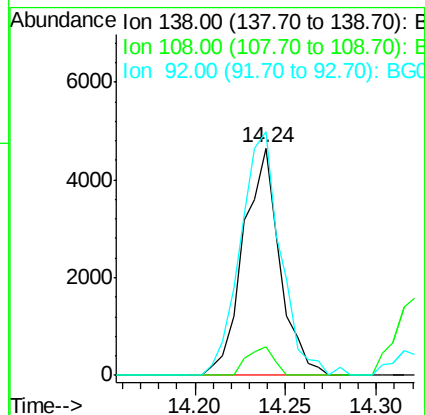
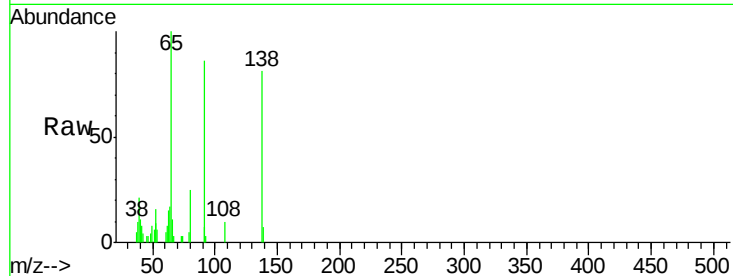
Tot Ion:138 Resp: 6515

Ion Ratio Lower Upper

138 100

108 12.4 7.6 11.4#

92 107.1 93.6 140.4



#53

2,4-Dinitrophenol

Concen: 5.79 ng

RT: 14.44 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

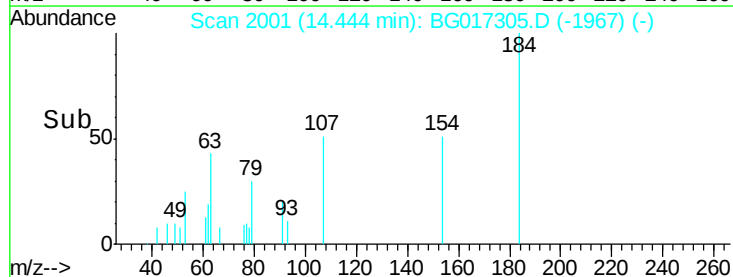
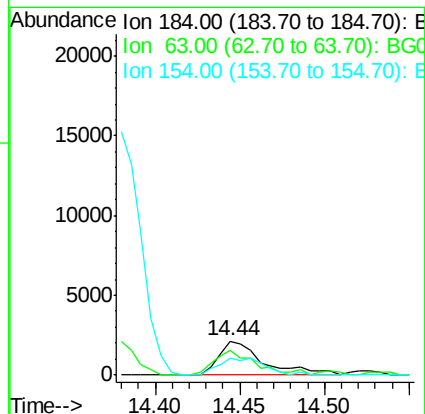
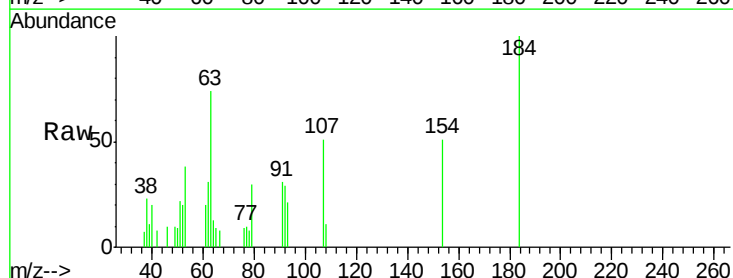
Tgt Ion:184 Resp: 3864

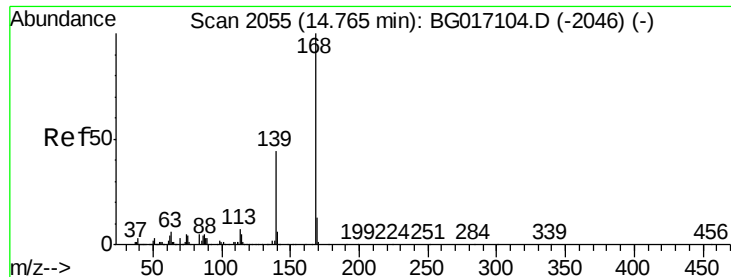
Ion Ratio Lower Upper

184 100

63 74.4 63.6 95.4

154 51.5 47.8 71.6





#54

Dibenzenofuran

Concen: 6.18 ng

RT: 14.72 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

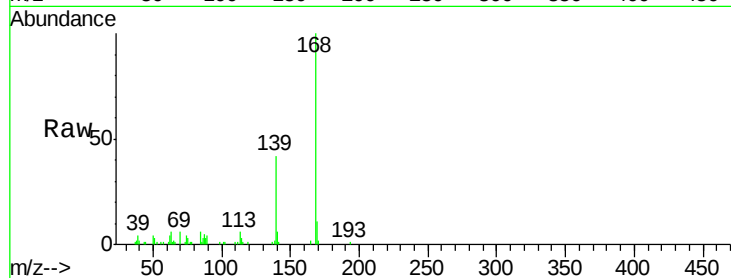
Tot Ion:168 Resp: 35137

Ion Ratio Lower Upper

168 100

139 42.1 34.9 52.3

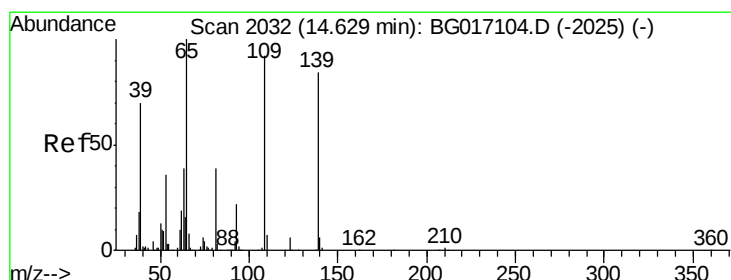
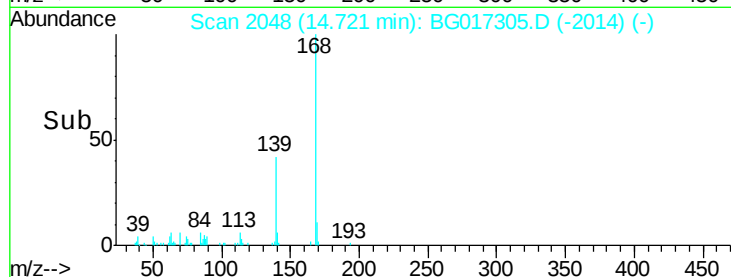
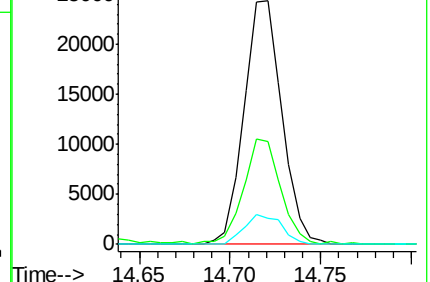
169 10.7 10.5 15.7



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: 9.98 ng

RT: 14.60 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

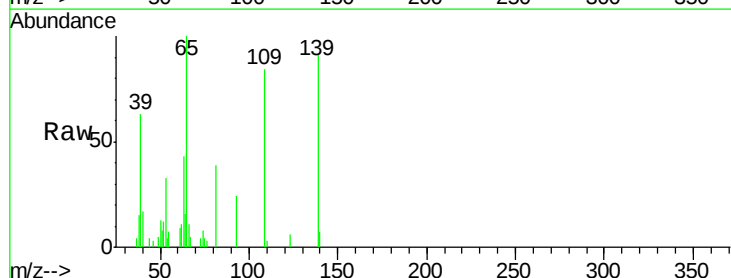
Tgt Ion:139 Resp: 10239

Ion Ratio Lower Upper

139 100

109 92.2 90.5 130.5

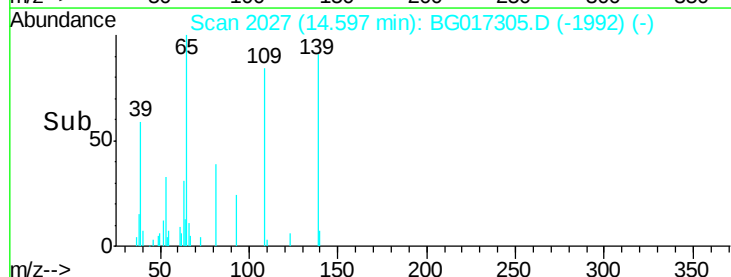
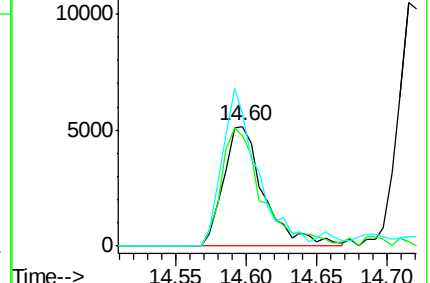
65 110.3 99.9 139.9

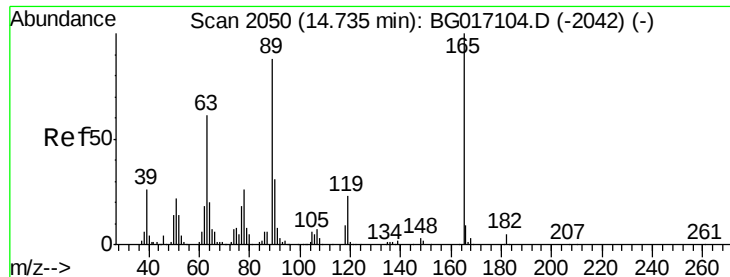


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

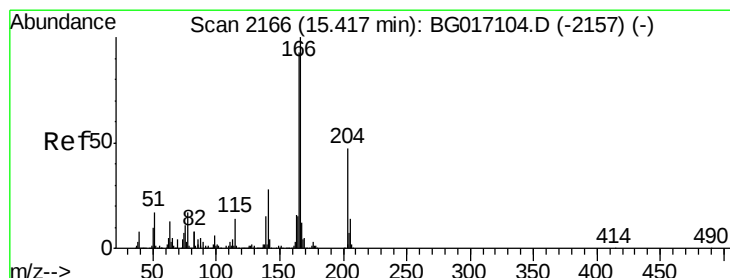
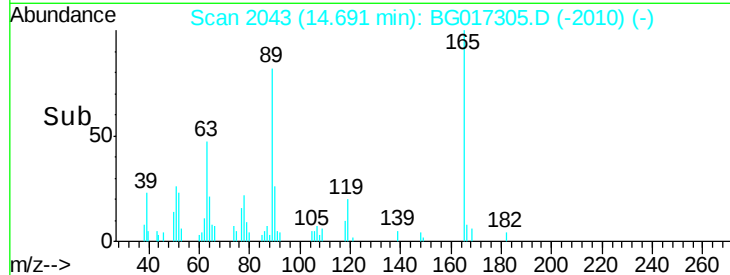
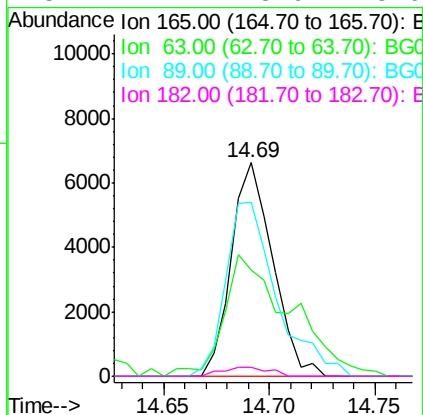
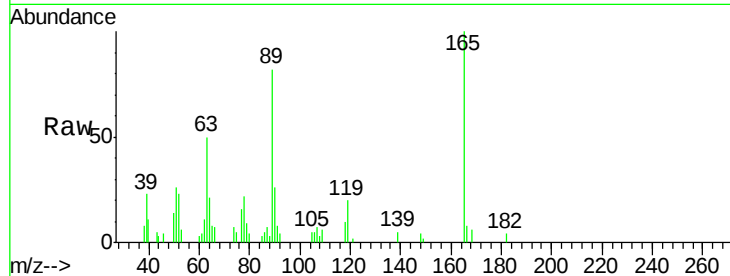




#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 14.69 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG017305.D
 Acq: 27 May 2015 16:51

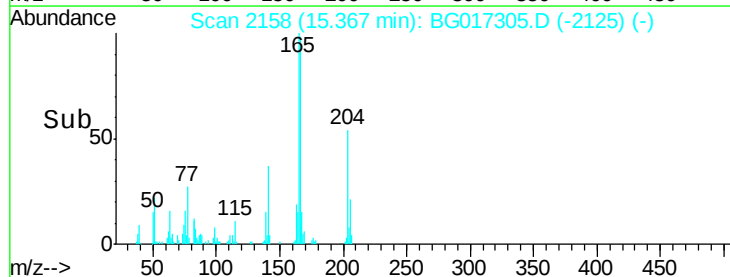
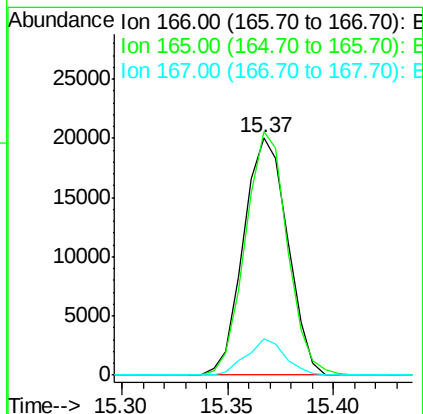
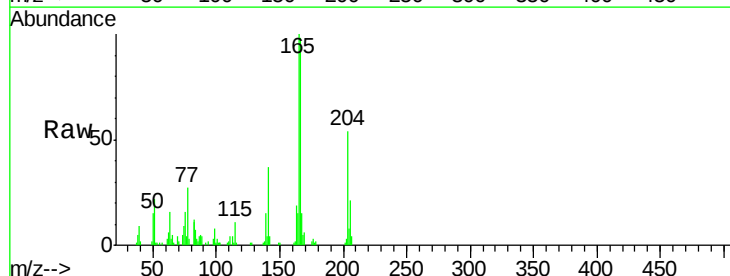
Instrument :
 BNA_G
 ClientSampleId :
 PB83579BS

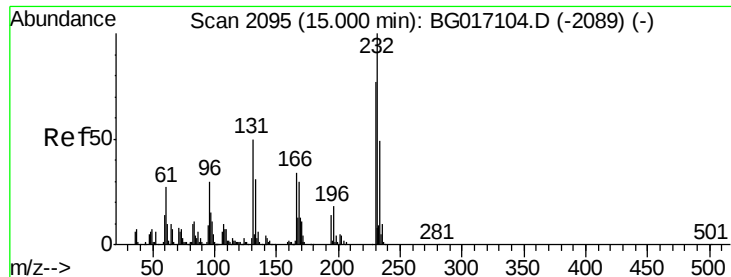
Tot Ion:165 Resp: 8968
 Ion Ratio Lower Upper
 165 100
 63 50.0 49.0 73.4
 89 81.7 70.1 105.1
 182 4.1 3.9 5.9



#57
 Fluorene
 Concen: 5.76 ng
 RT: 15.37 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG017305.D
 Acq: 27 May 2015 16:51

Tgt Ion:166 Resp: 29014
 Ion Ratio Lower Upper
 166 100
 165 102.4 74.2 111.4
 167 15.0 9.8 14.8#





#58

2,3,4,6-Tetrachlorophenol

Concen: 5.86 ng

RT: 14.96 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

Tot Ion:232 Resp: 7370

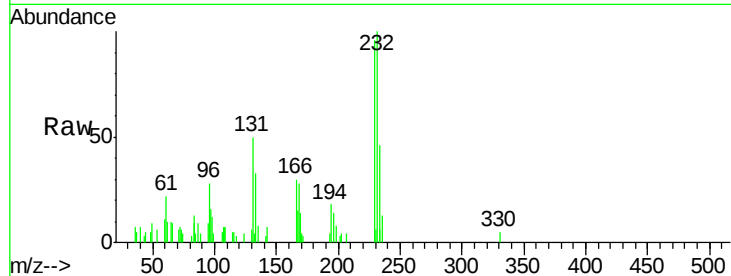
Ion Ratio Lower Upper

232 100

131 55.3 42.7 64.1

130 2.7 3.0 4.4#

166 27.4 25.7 38.5

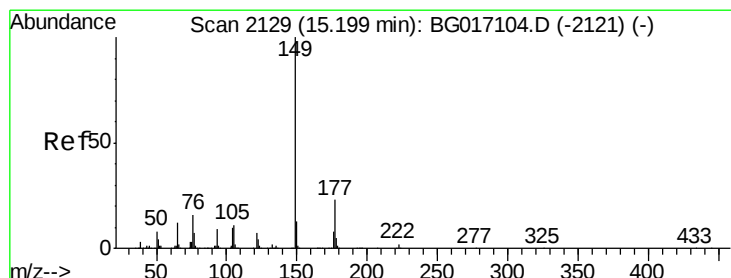
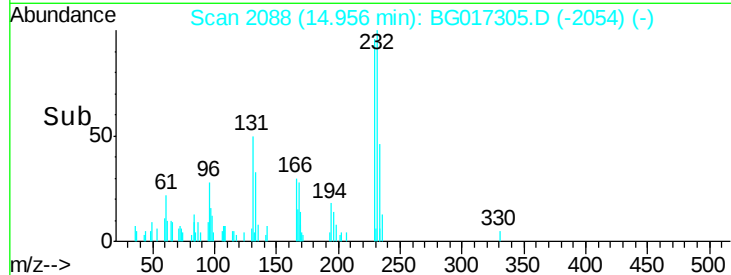
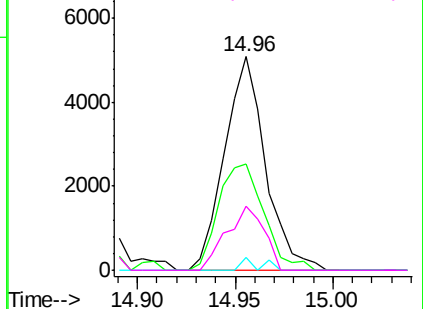


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 5.62 ng

RT: 15.14 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

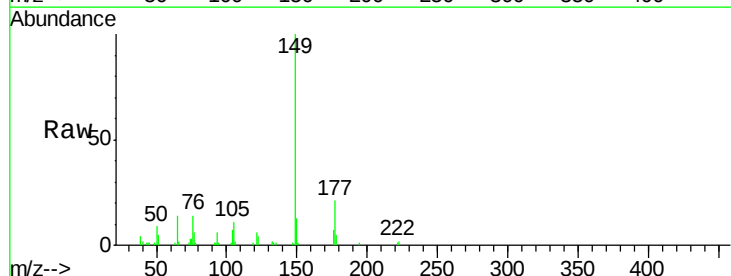
Tgt Ion:149 Resp: 31314

Ion Ratio Lower Upper

149 100

177 21.1 18.3 27.5

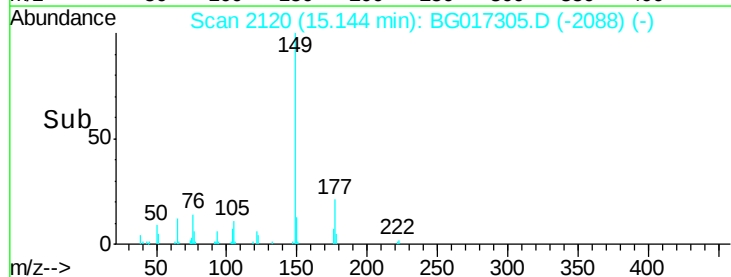
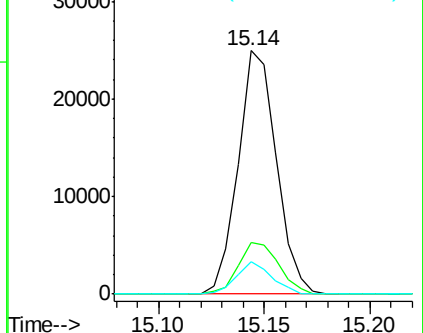
150 13.2 10.4 15.6

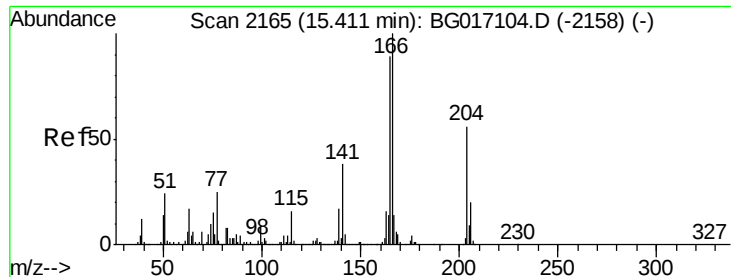


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

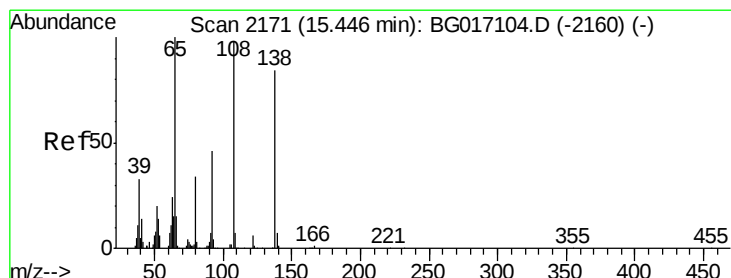
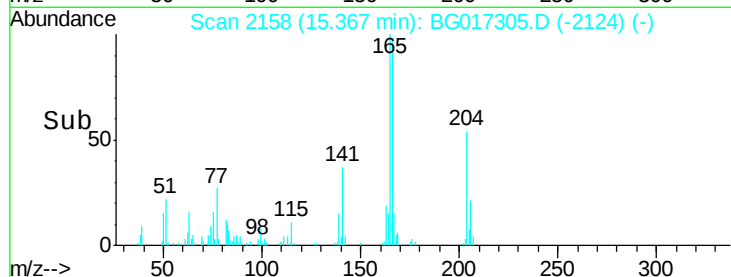
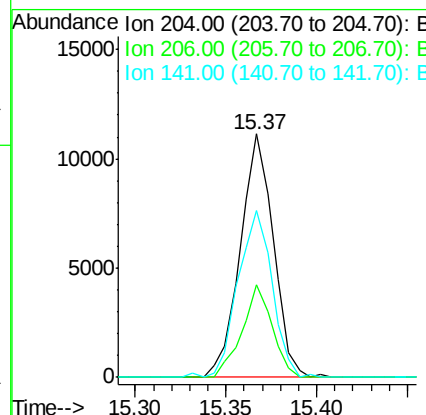
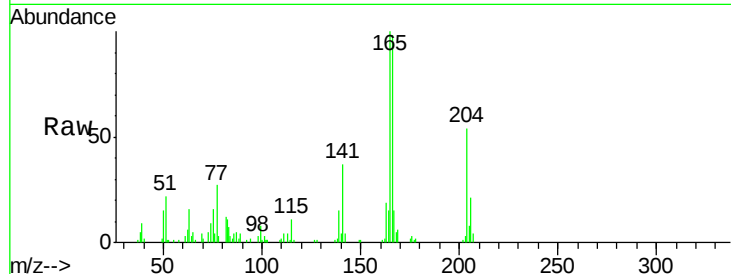




#60
4-Chlorophenyl-phenylether
Concen: 5.46 ng
RT: 15.37 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

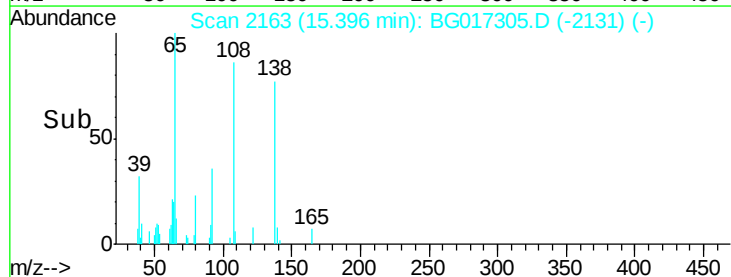
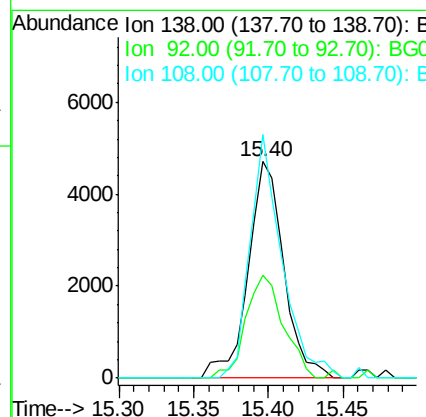
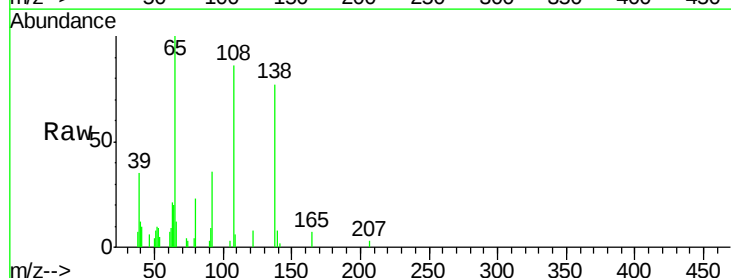
Instrument :
BNA_G
ClientSampleId :
PB83579BS

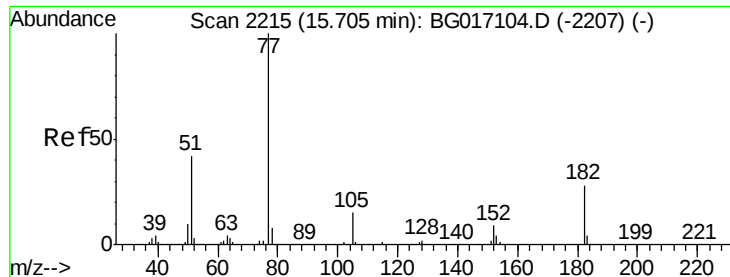
Tot Ion:204 Resp: 14107
Ion Ratio Lower Upper
204 100
206 38.1 28.6 42.8
141 68.3 54.2 81.2



#61
4-Nitroaniline
Concen: 5.47 ng
RT: 15.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:138 Resp: 7785
Ion Ratio Lower Upper
138 100
92 47.3 34.9 74.9
108 112.5 95.8 135.8





#62

Azobenzene

Concen: 6.33 ng

RT: 15.66 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

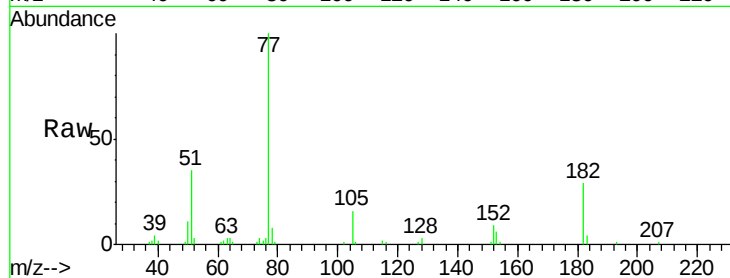
BNA_G

ClientSampleId :

PB83579BS

Tot Ion: 77 Resp: 33669

Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	15.8	0.0	34.8
51	35.3	22.0	62.0

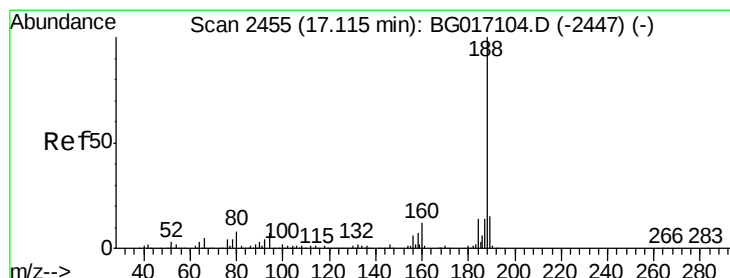
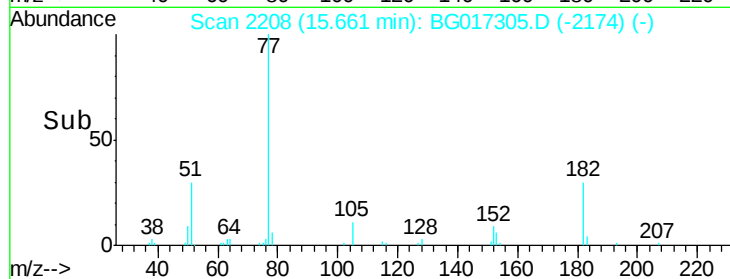
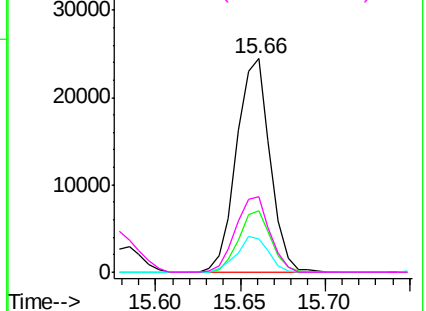


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2447

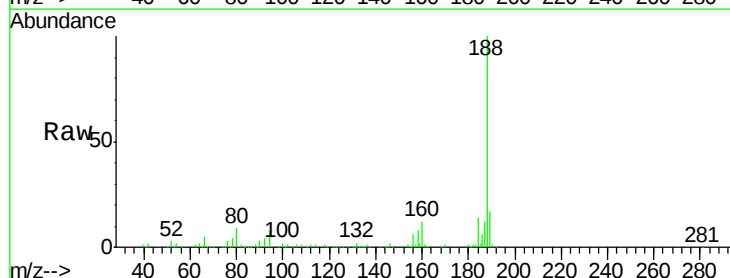
Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion: 188 Resp: 171200

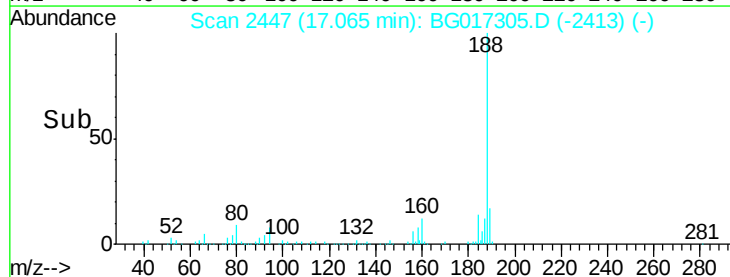
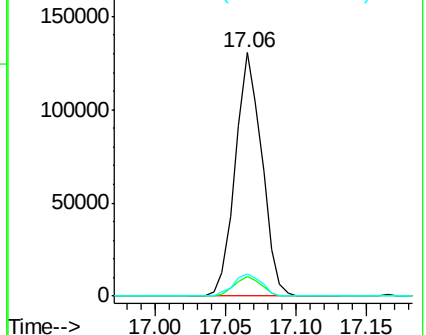
Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	9.0	6.5	9.7

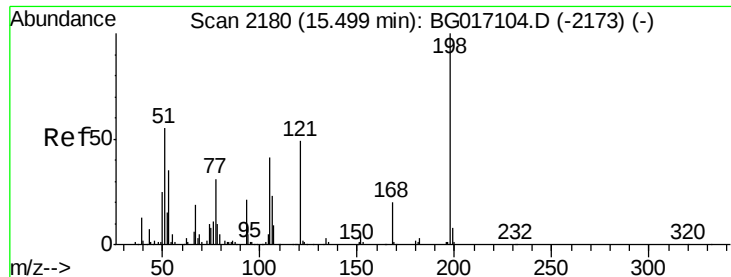


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

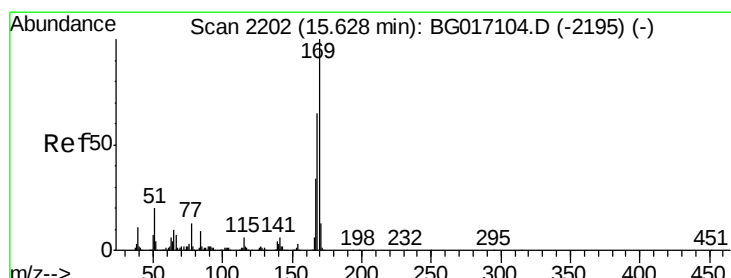
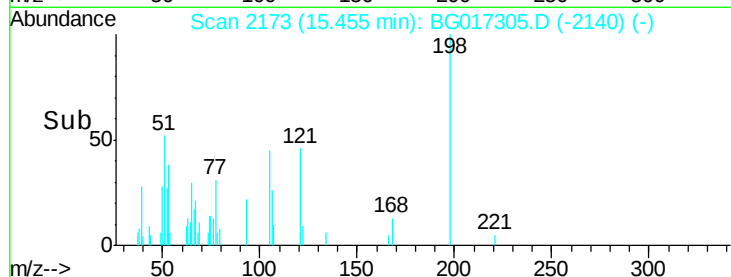
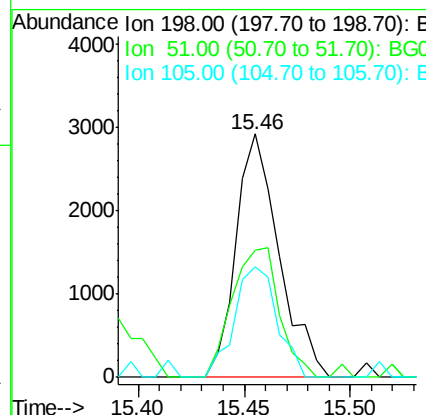
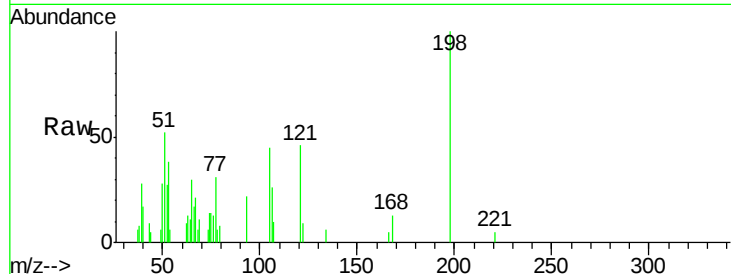




#64
4,6-Dinitro-2-methylphenol
Concen: 3.50 ng
RT: 15.46 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

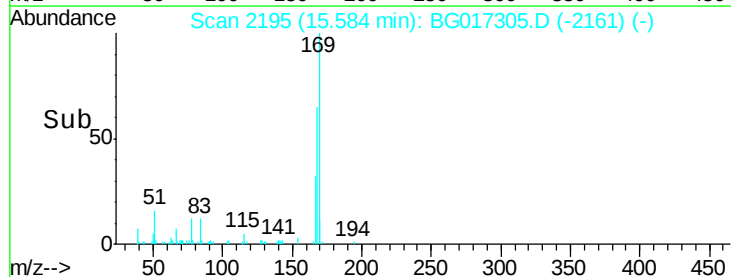
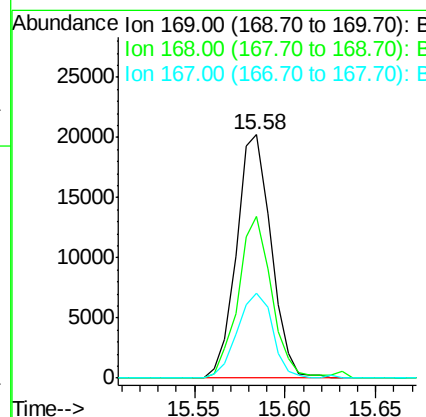
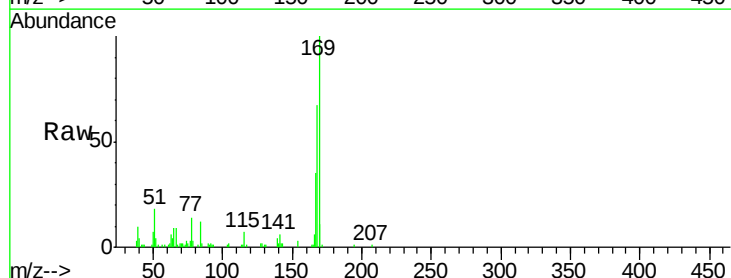
Instrument :
BNA_G
ClientSampleId :
PB83579BS

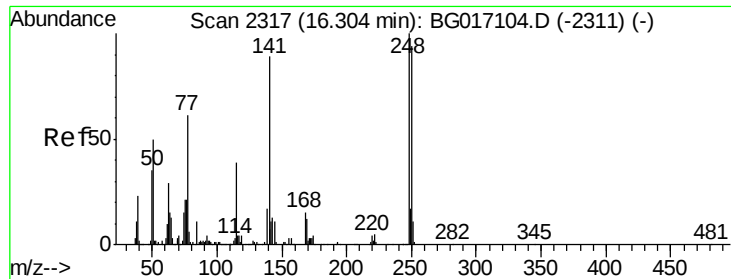
Tot Ion:198 Resp: 4112
Ion Ratio Lower Upper
198 100
51 52.3 39.9 79.9
105 45.2 22.0 62.0



#65
n-Nitrosodiphenylamine
Concen: 5.12 ng
RT: 15.58 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:169 Resp: 26910
Ion Ratio Lower Upper
169 100
168 66.6 51.7 77.5
167 35.0 27.4 41.0

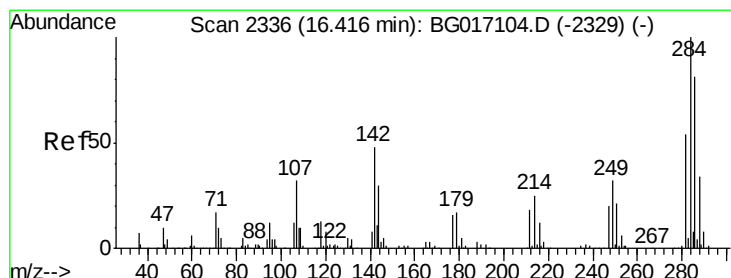
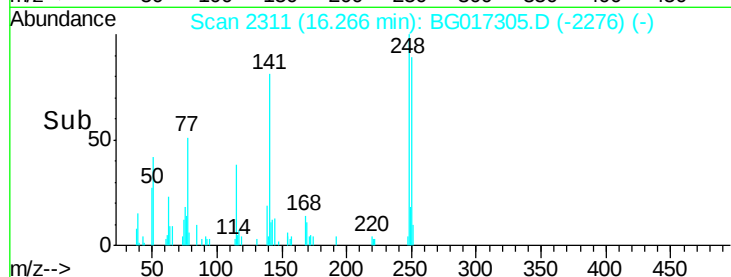
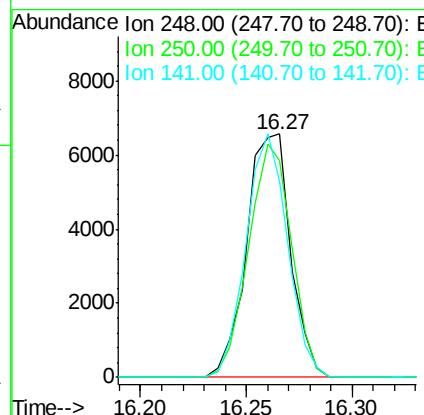
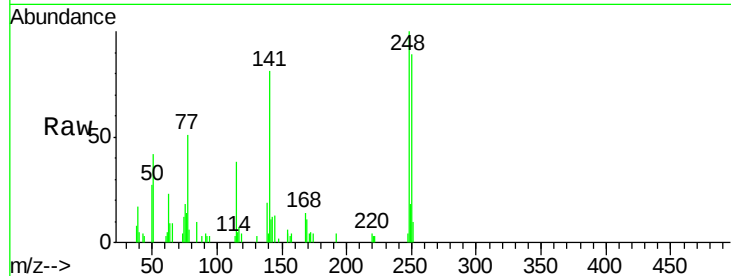




#66
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 16.27 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

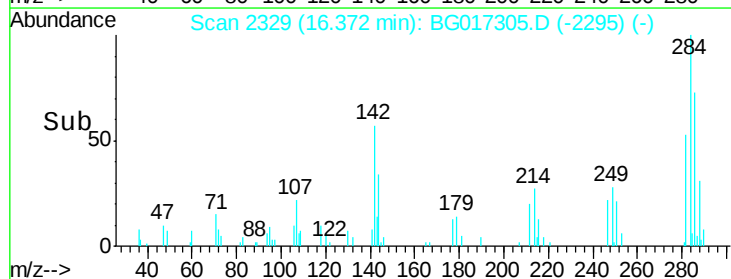
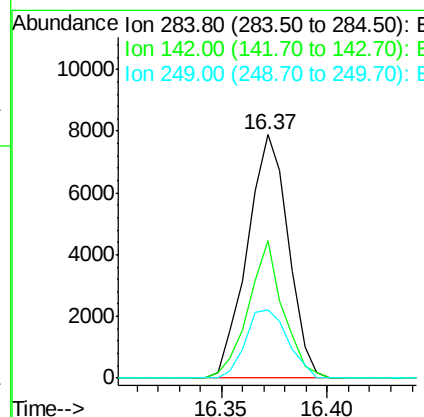
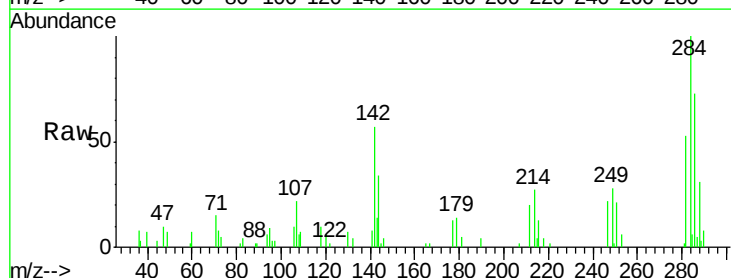
Instrument :
BNA_G
ClientSampleId :
PB83579BS

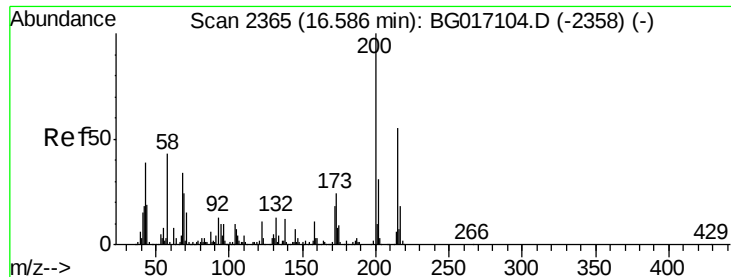
Tot Ion:248 Resp: 9482
Ion Ratio Lower Upper
248 100
250 89.1 75.0 112.4
141 80.8 71.3 106.9



#67
Hexachlorobenzene
Concen: 5.39 ng
RT: 16.37 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:284 Resp: 10618
Ion Ratio Lower Upper
284 100
142 56.5 38.2 57.2
249 30.4 25.2 37.8





#68

Atrazine

Concen: 5.51 ng

RT: 16.54 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

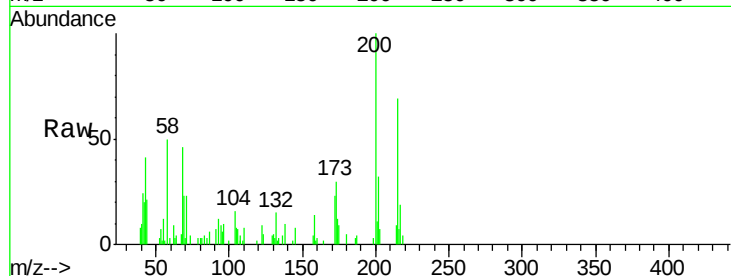
Tot Ion:200 Resp: 10592

Ion Ratio Lower Upper

200 100

173 29.6 3.7 43.7

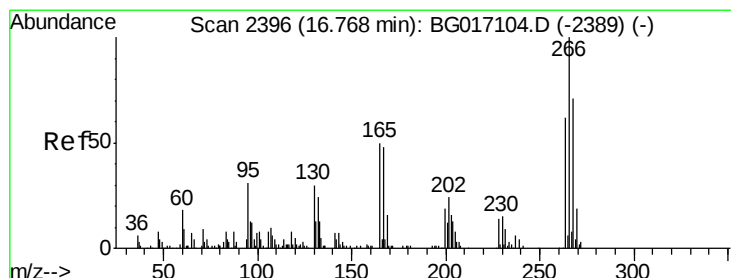
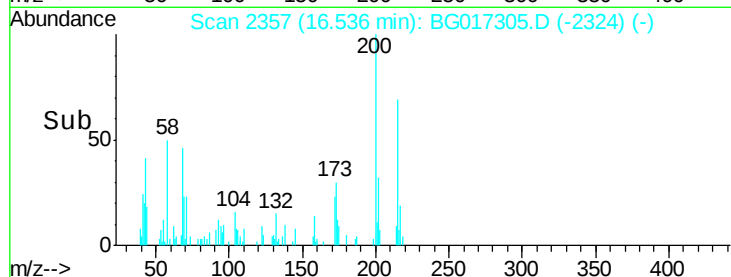
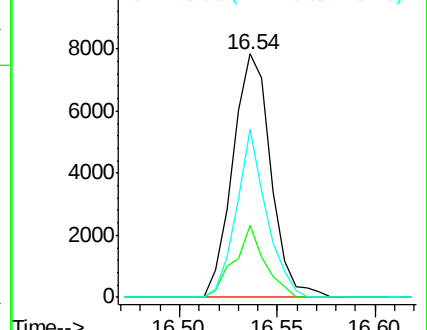
215 68.9 35.5 75.5



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: 7.38 ng

RT: 16.73 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

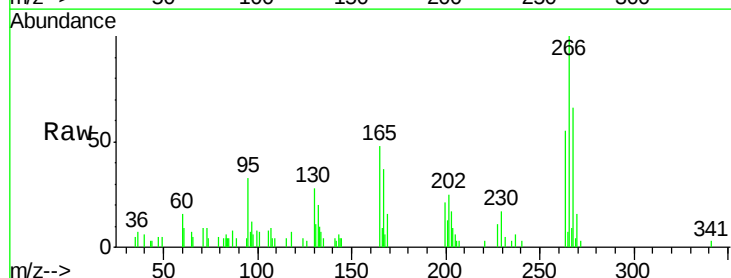
Tgt Ion:266 Resp: 9082

Ion Ratio Lower Upper

266 100

268 66.0 56.6 84.8

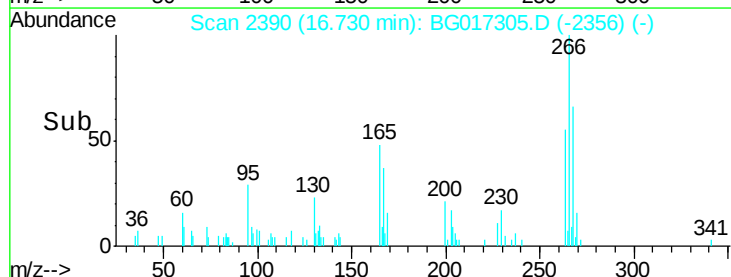
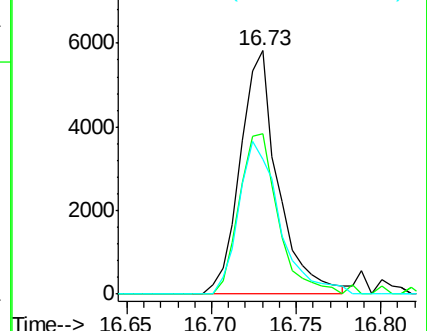
264 55.4 49.4 74.0

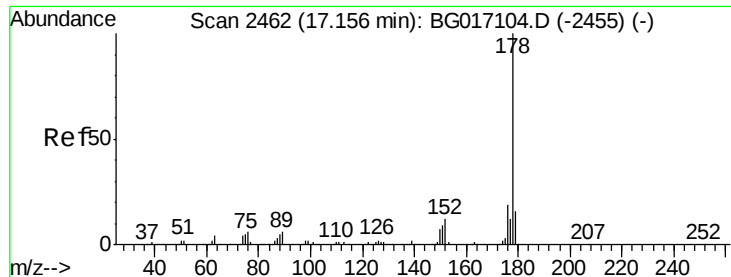


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 5.47 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

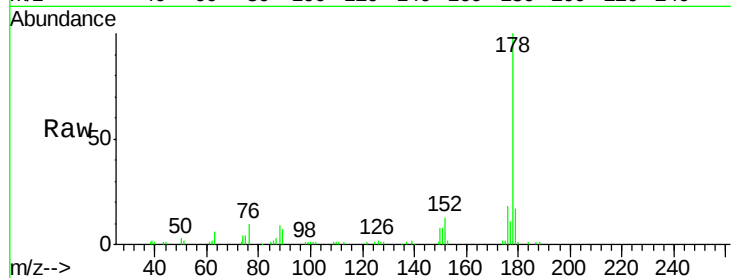
Tot Ion:178 Resp: 48288

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

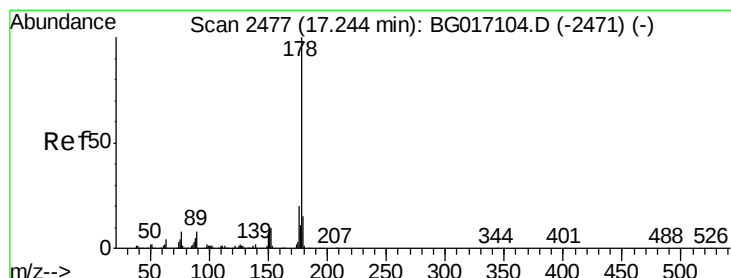
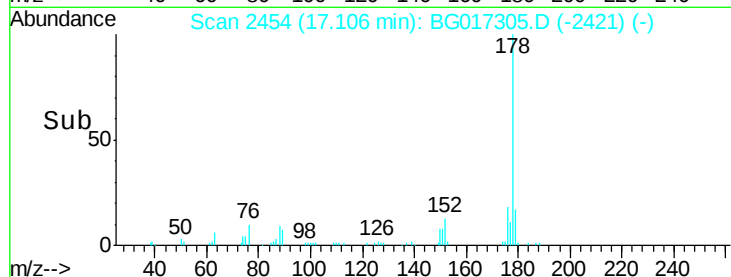
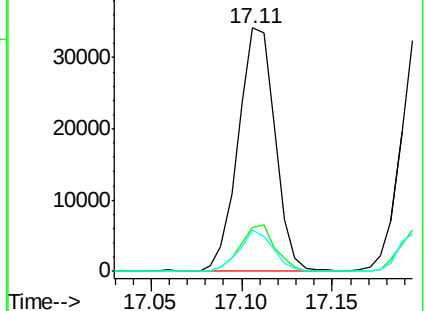
179 17.1 12.5 18.7



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: 5.53 ng

RT: 17.20 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

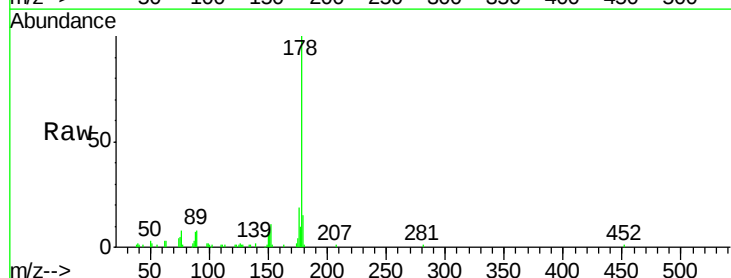
Tgt Ion:178 Resp: 49446

Ion Ratio Lower Upper

178 100

176 18.5 16.3 24.5

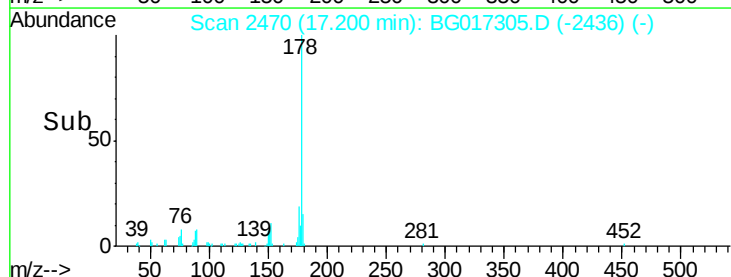
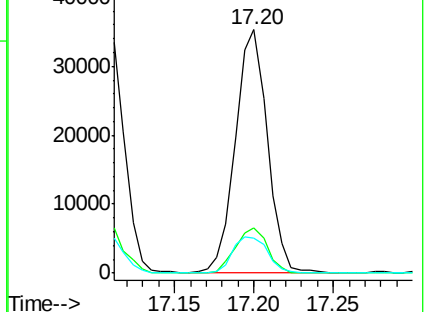
179 14.5 12.1 18.1

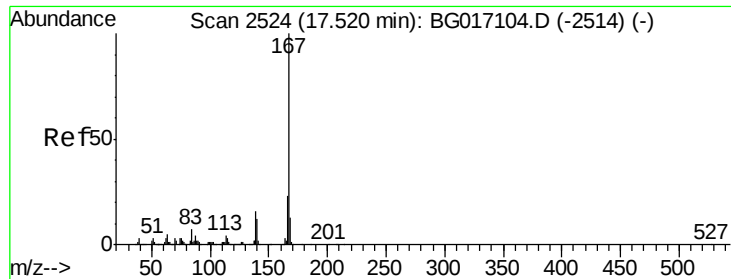


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.76 ng

RT: 17.48 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

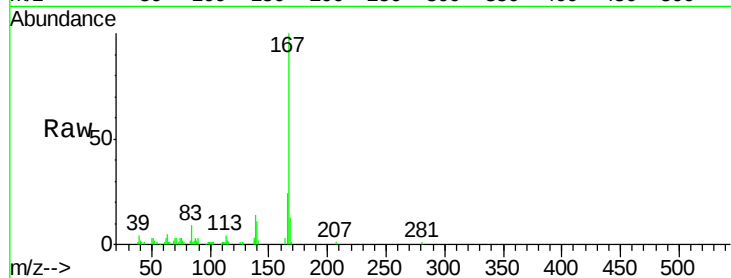
Tot Ion:167 Resp: 47360

Ion Ratio Lower Upper

167 100

166 24.0 18.4 27.6

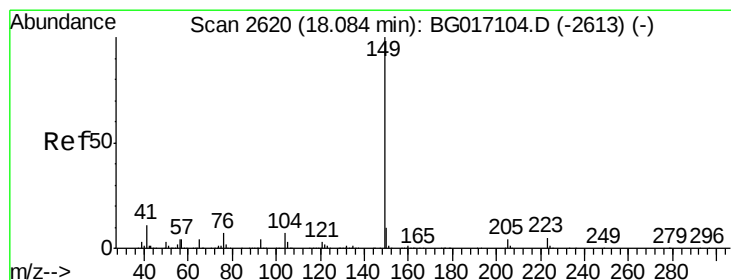
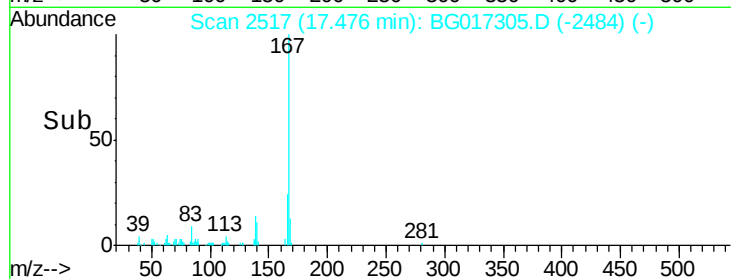
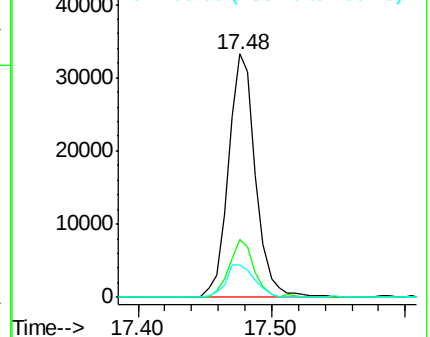
139 13.5 13.0 19.4



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: 5.62 ng

RT: 18.04 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

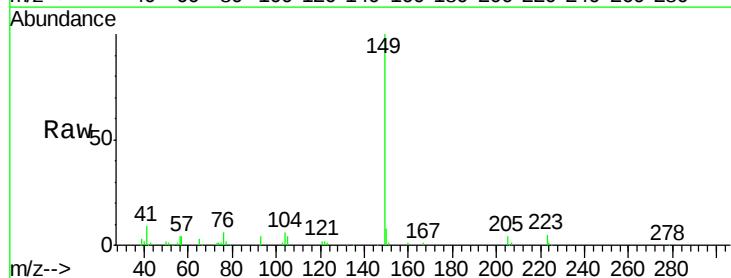
Tgt Ion:149 Resp: 61815

Ion Ratio Lower Upper

149 100

150 8.2 8.2 12.4#

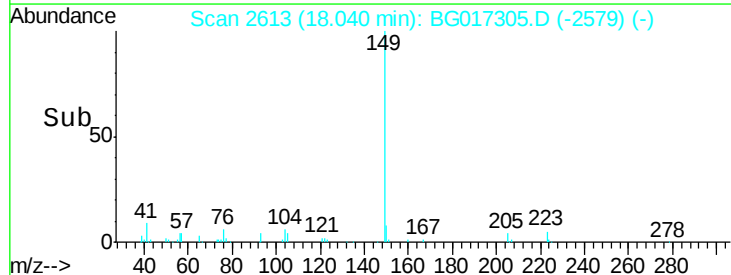
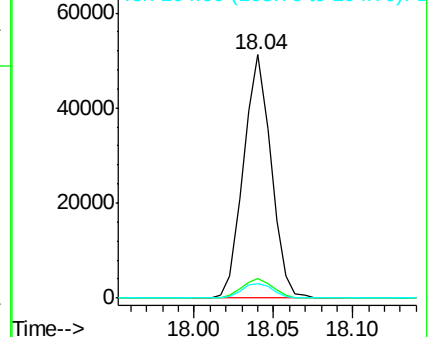
104 6.1 5.7 8.5

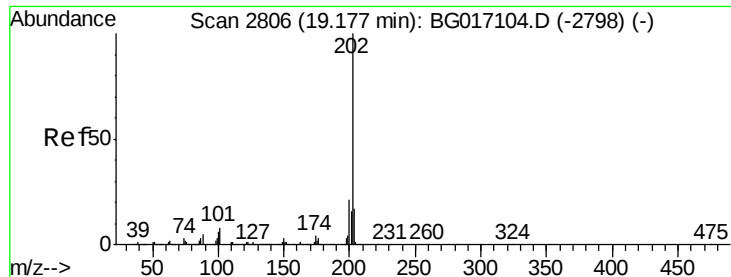


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 5.71 ng

RT: 19.13 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

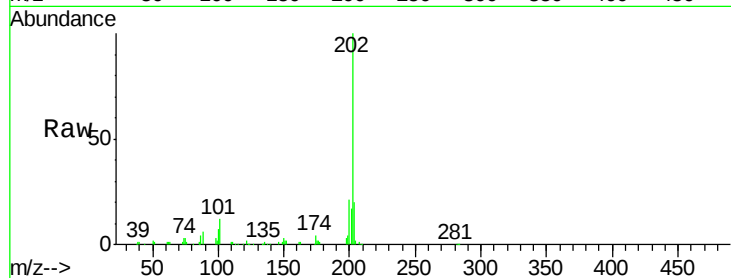
Tot Ion:202 Resp: 60577

Ion Ratio Lower Upper

202 100

101 11.5 0.0 28.3

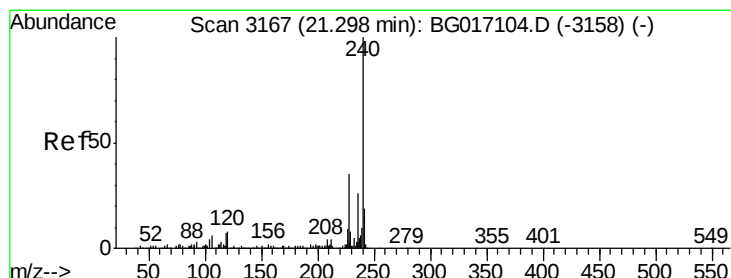
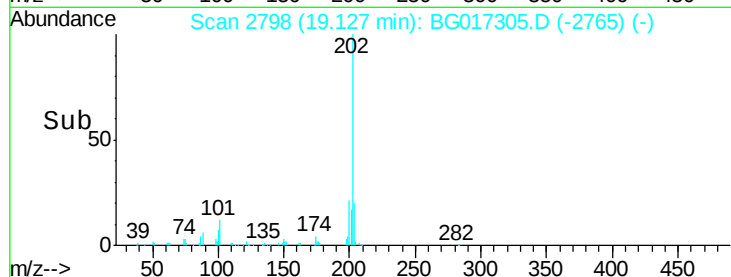
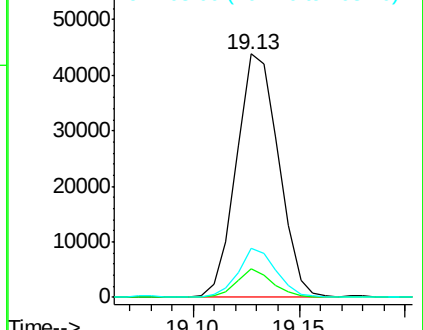
203 20.0 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

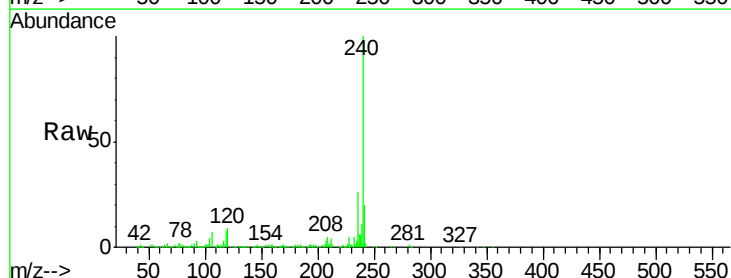
Tgt Ion:240 Resp: 194350

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

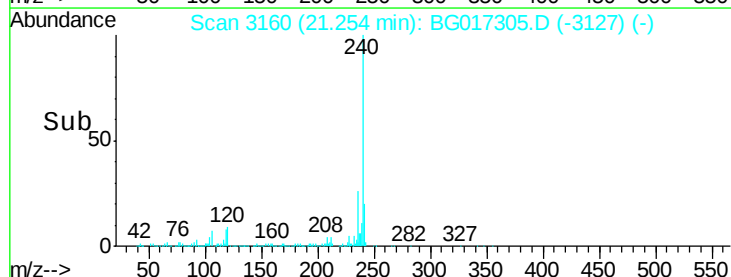
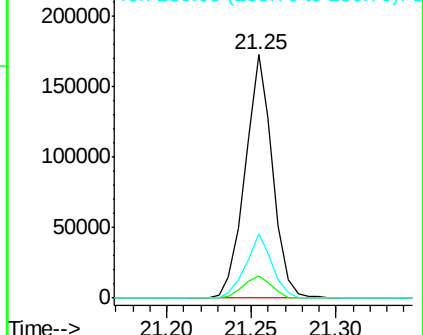
236 26.3 20.5 30.7

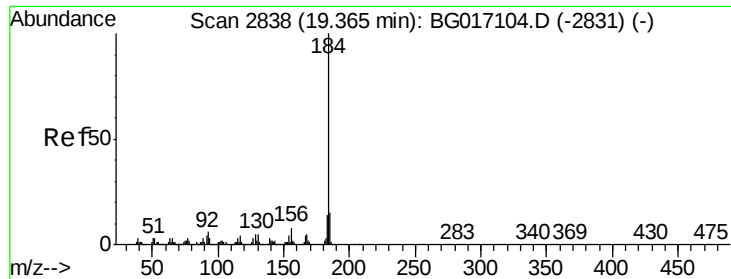


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.40 ng

RT: 19.33 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

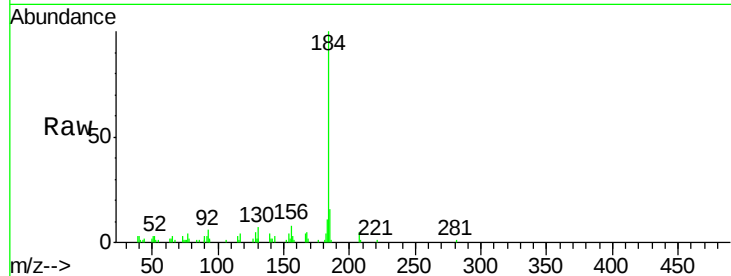
BNA_G

ClientSampleId :

PB83579BS

Tot Ion:184 Resp: 27934

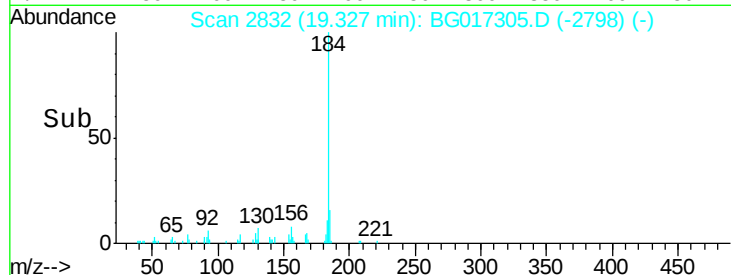
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.4	18.6
183	11.5	11.4	17.2



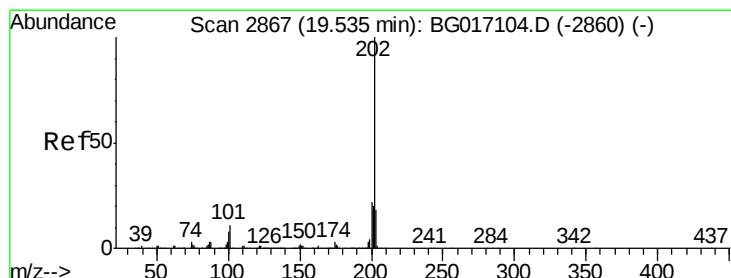
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 5.33 ng

RT: 19.49 min Scan# 2860

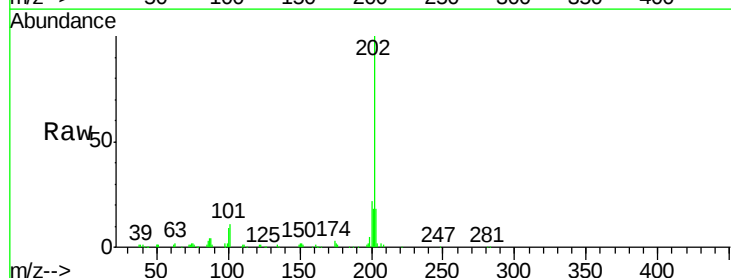
Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:202 Resp: 63519

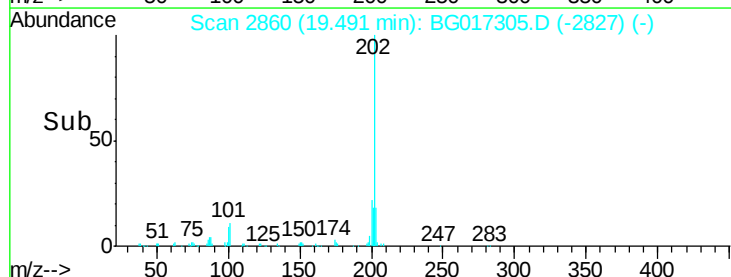
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	17.8	14.4	21.6



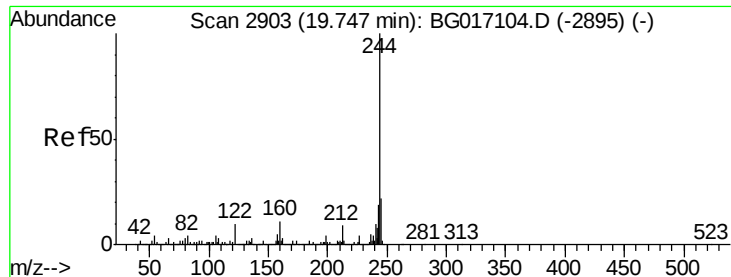
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 10.39 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

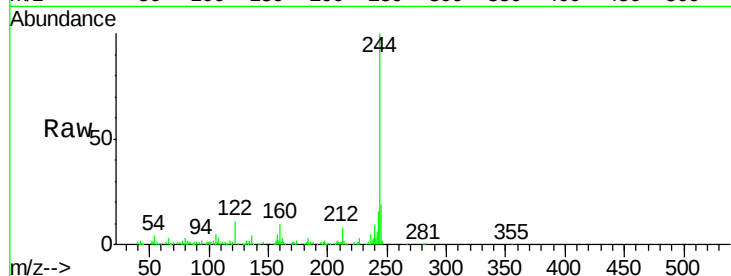
Tot Ion:244 Resp: 96887

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.4

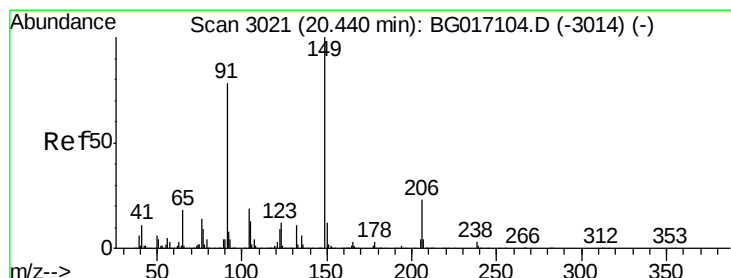
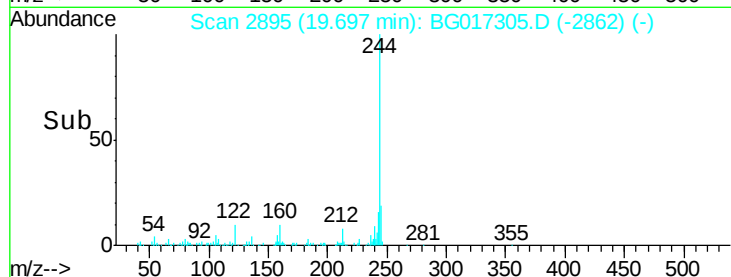
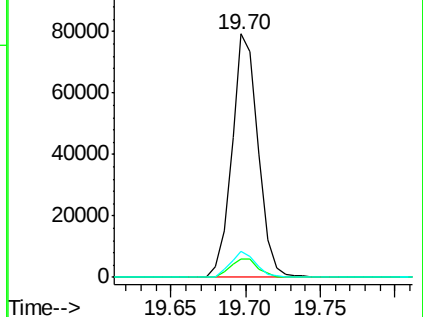
122 10.5 8.4 12.6



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: 5.14 ng

RT: 20.40 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

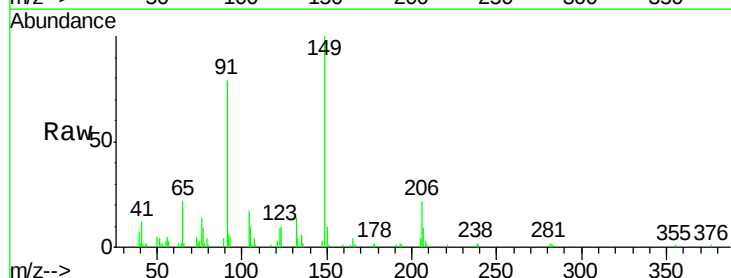
Tgt Ion:149 Resp: 27890

Ion Ratio Lower Upper

149 100

91 78.7 62.0 93.0

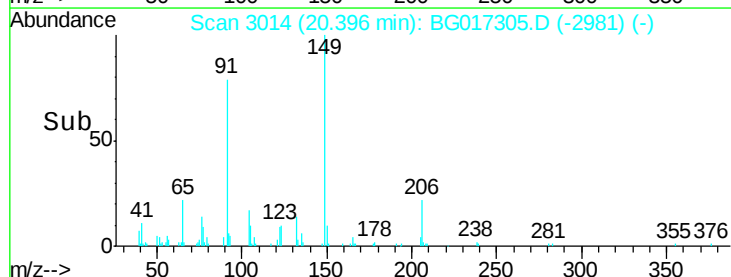
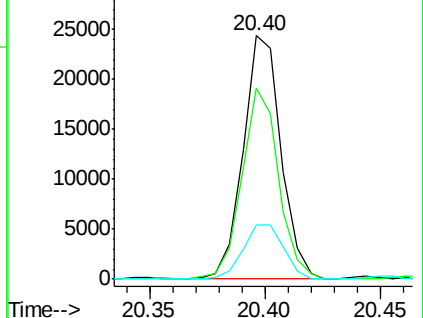
206 22.3 18.6 27.8

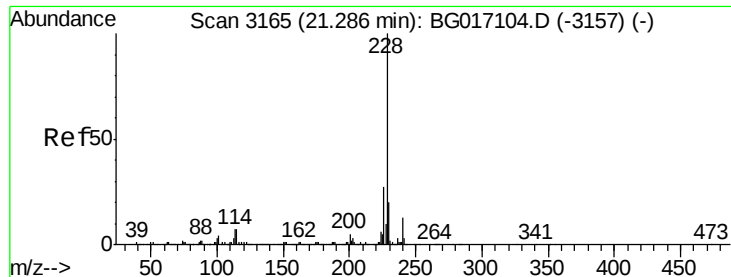


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 5.58 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

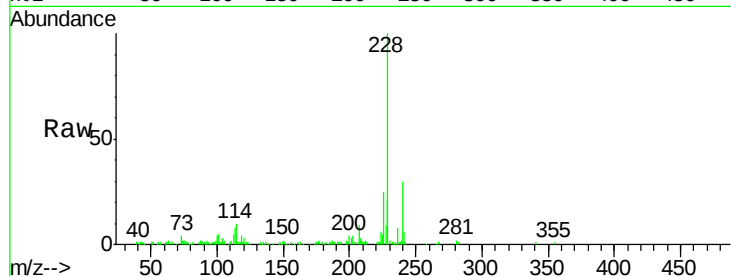
Tot Ion:228 Resp: 62194

Ion Ratio Lower Upper

228 100

226 24.7 21.7 32.5

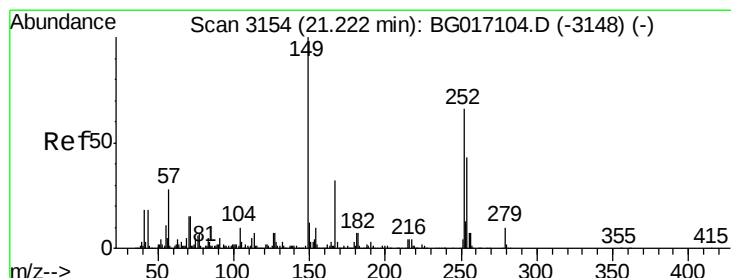
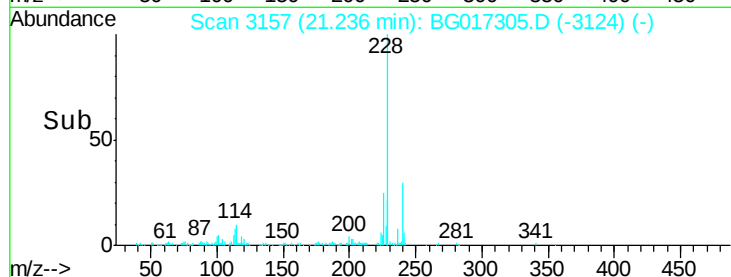
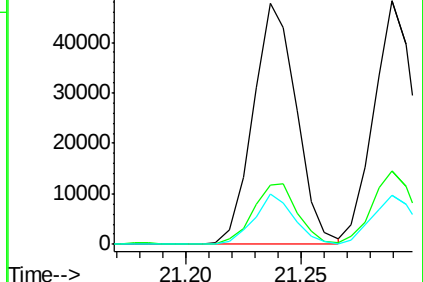
229 20.7 16.1 24.1



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: 4.09 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

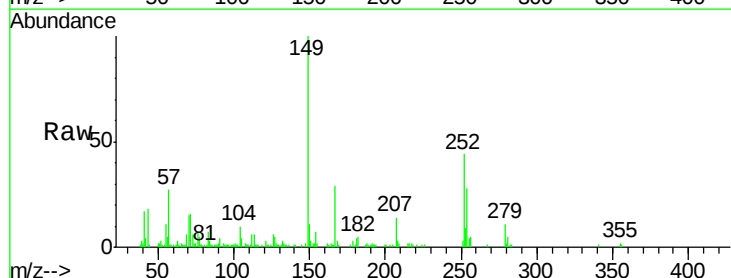
Tgt Ion:252 Resp: 17625

Ion Ratio Lower Upper

252 100

254 63.6 52.1 78.1

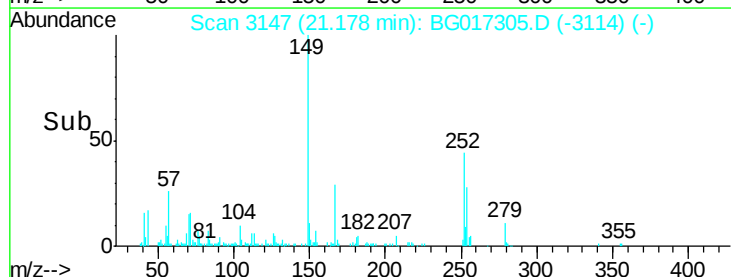
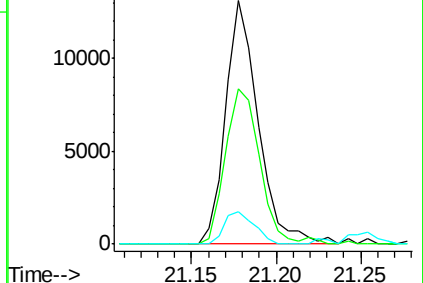
126 13.3 8.8 13.2#

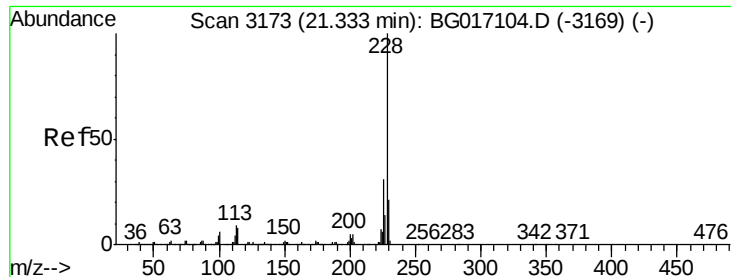


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 5.78 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

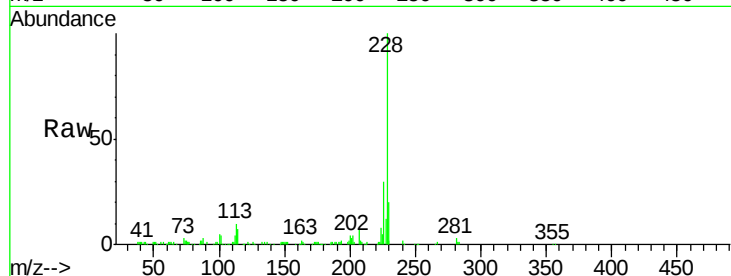
BNA_G

ClientSampleId :

PB83579BS

Tot Ion:228 Resp: 59933

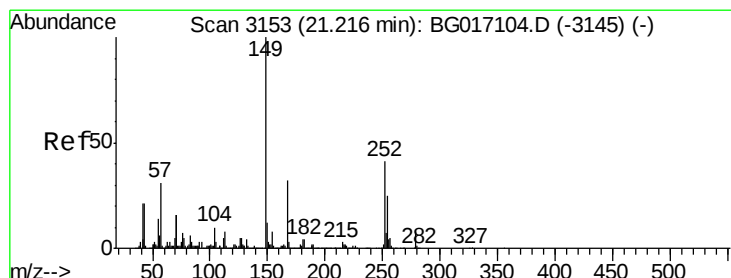
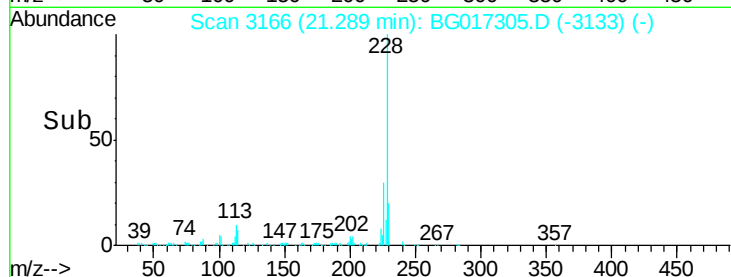
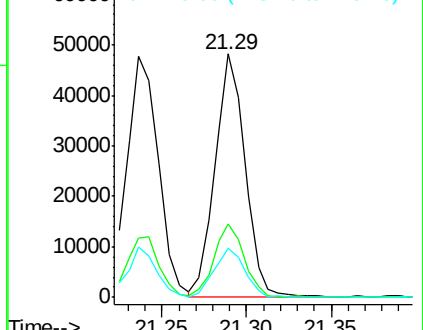
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	20.4	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.17 ng

RT: 21.17 min Scan# 3146

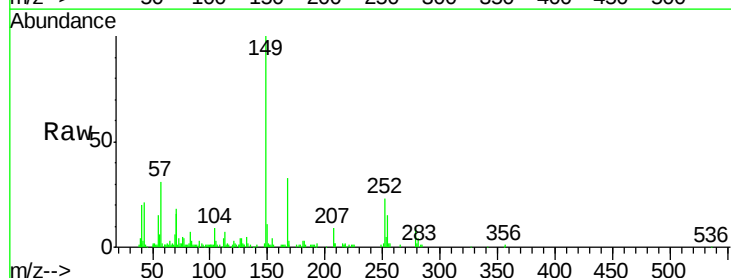
Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Tgt Ion:149 Resp: 39862

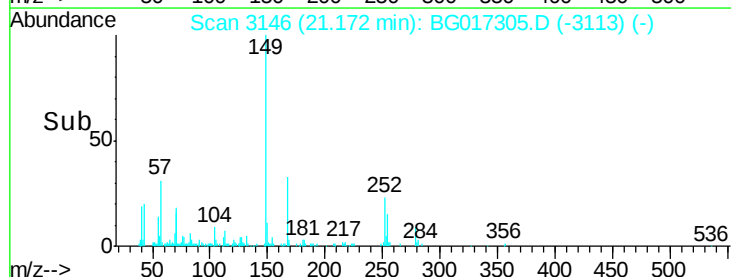
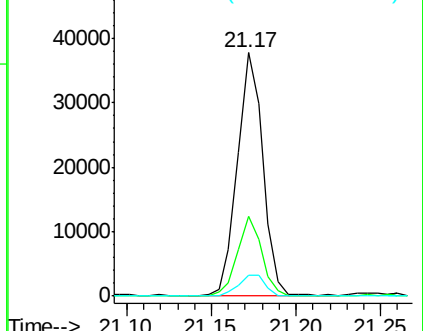
Ion	Ratio	Lower	Upper
149	100		
167	32.6	25.4	38.2
279	8.6	6.8	10.2

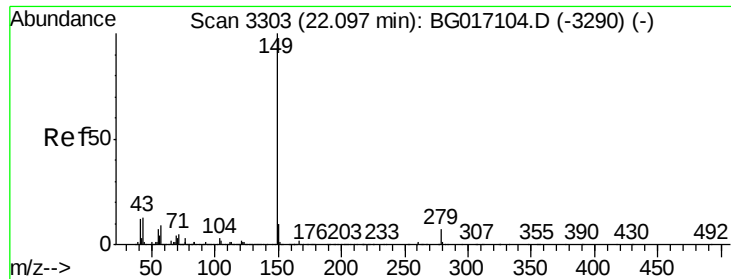


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

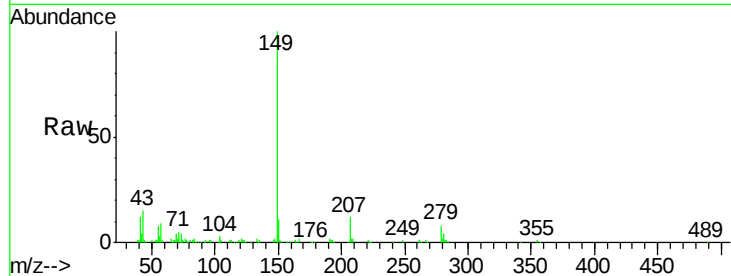




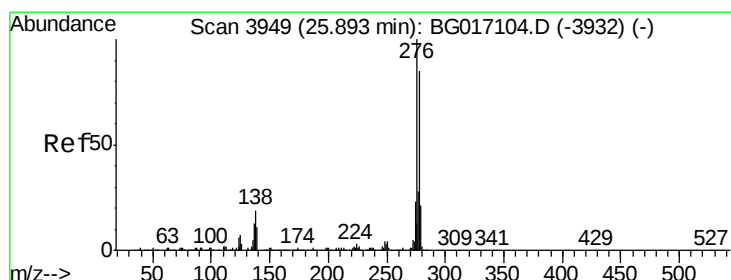
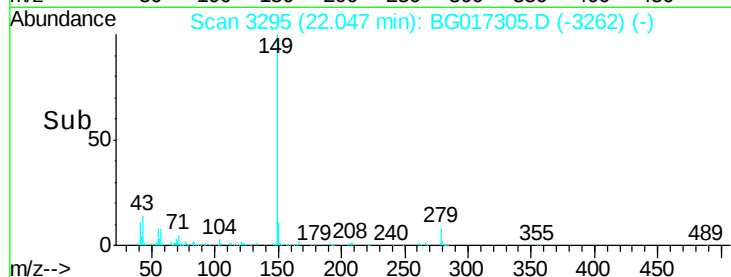
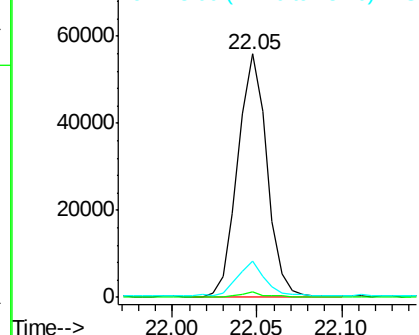
#84
Di-n-octyl phthalate
Concen: 5.30 ng
RT: 22.05 min Scan# 3295
Delta R.T. -0.01 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Instrument :
BNA_G
ClientSampleId :
PB83579BS

Tot Ion:149 Resp: 68031
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 13.5 10.9 16.3

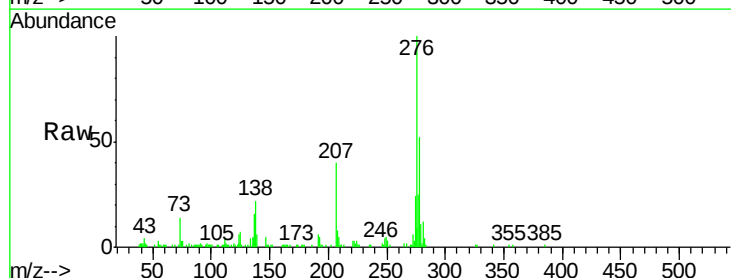


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

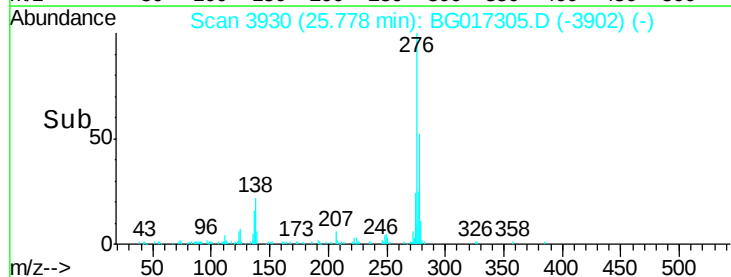
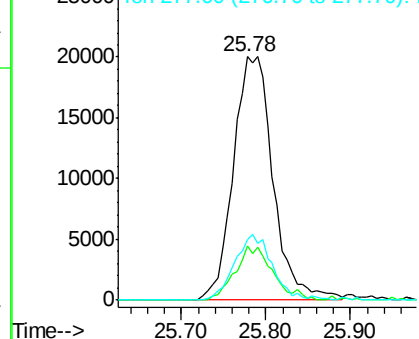


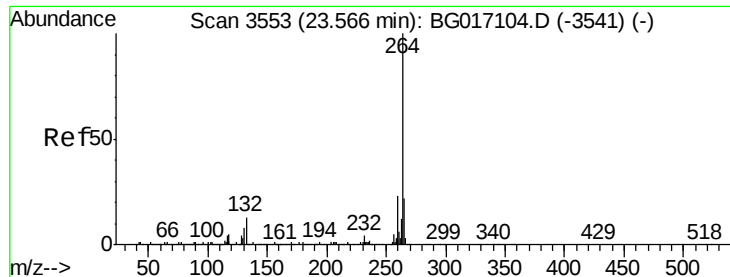
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.23 ng
RT: 25.78 min Scan# 3930
Delta R.T. -0.04 min
Lab File: BG017305.D
Acq: 27 May 2015 16:51

Tgt Ion:276 Resp: 64943
Ion Ratio Lower Upper
276 100
138 21.1 16.0 24.0
277 25.2 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampled :

PB83579BS

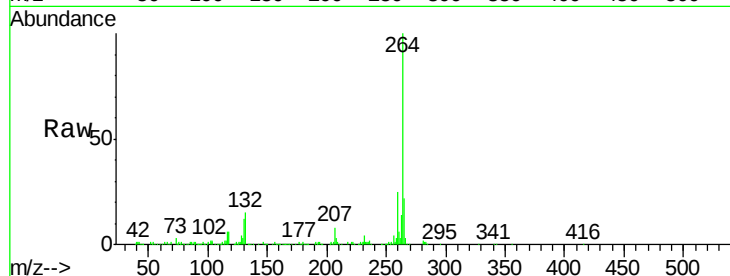
Tot Ion:264 Resp: 191478

Ion Ratio Lower Upper

264 100

260 24.6 18.0 27.0

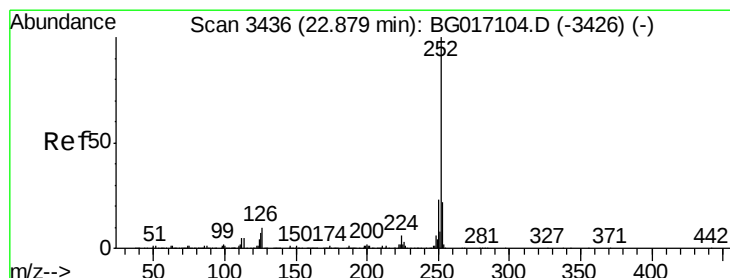
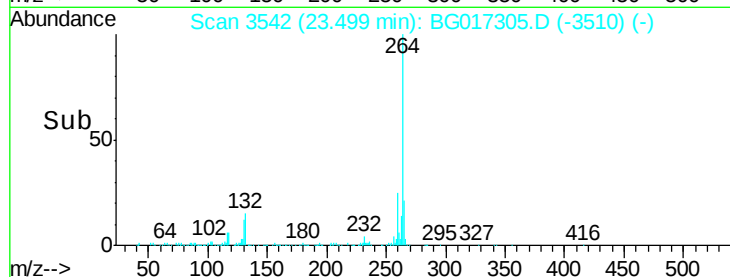
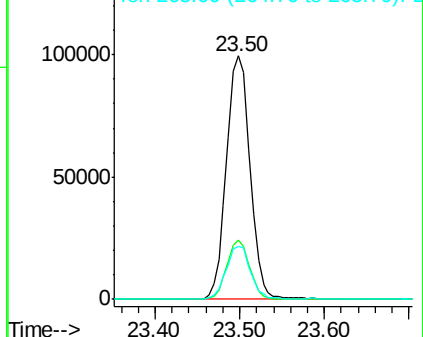
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 5.26 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

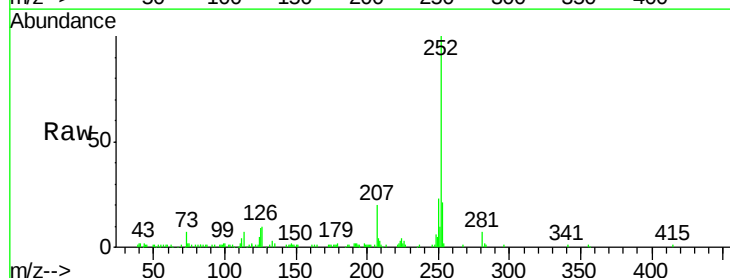
Tgt Ion:252 Resp: 58710

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

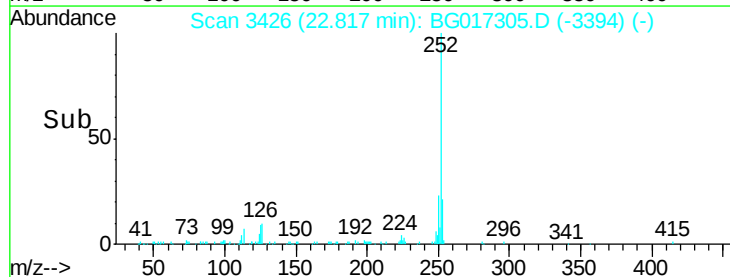
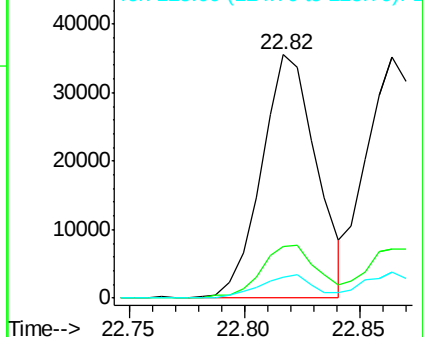
125 8.6 5.9 8.9

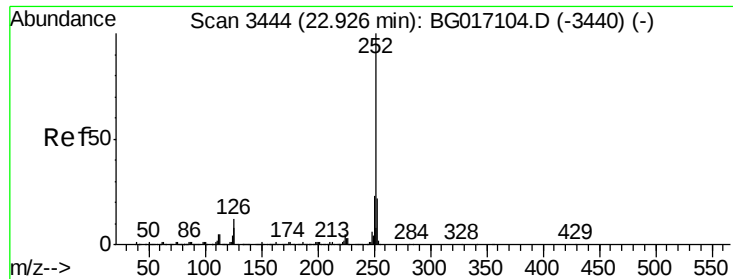


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 5.50 ng/mL

RT: 22.86 min Scan# 3434

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

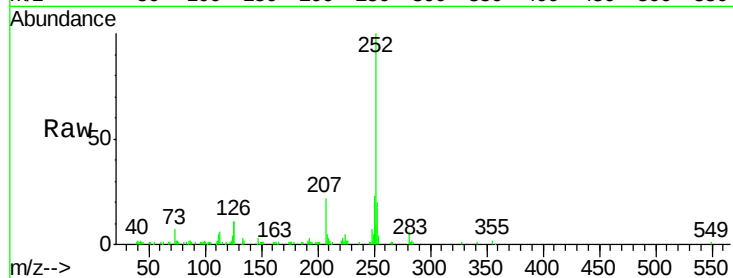
Tot Ion:252 Resp: 58326

Ion Ratio Lower Upper

252 100

253 20.5 17.8 26.6

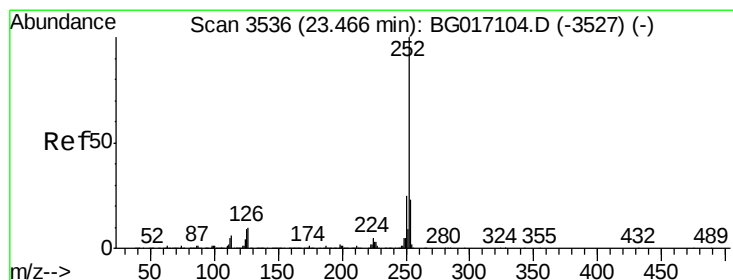
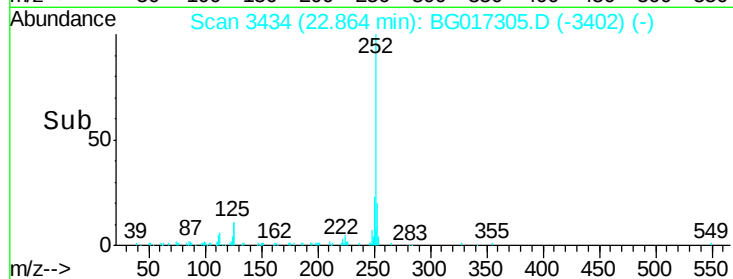
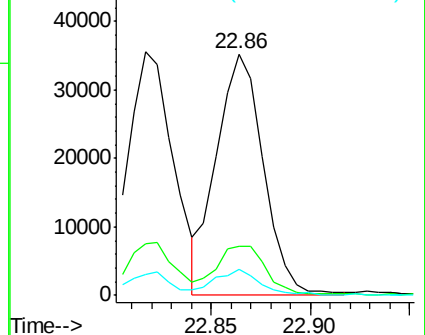
125 11.0 6.4 9.6#



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: 5.55 ng/mL

RT: 23.40 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

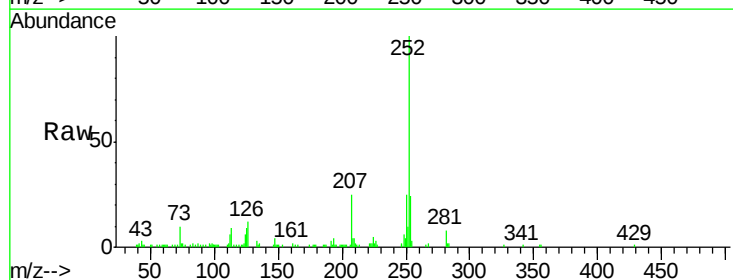
Tgt Ion:252 Resp: 56887

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

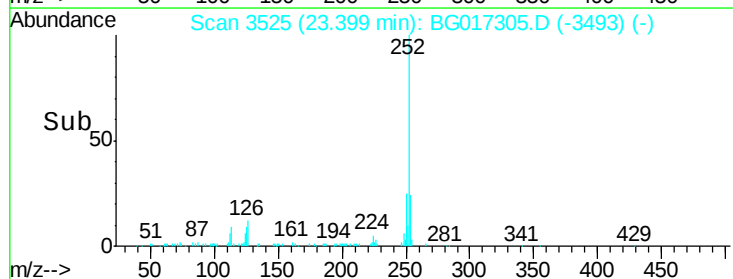
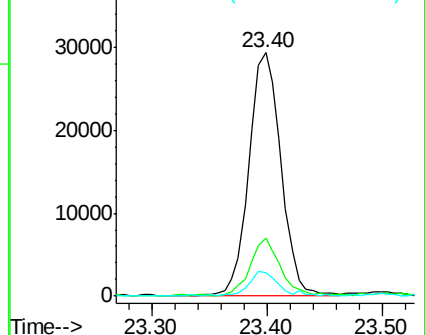
125 9.4 7.2 10.8

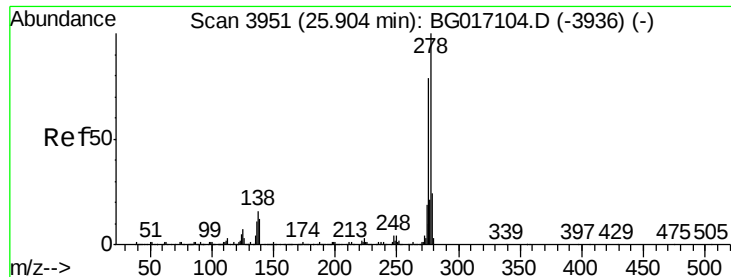


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 5.12 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.03 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

Instrument :

BNA_G

ClientSampleId :

PB83579BS

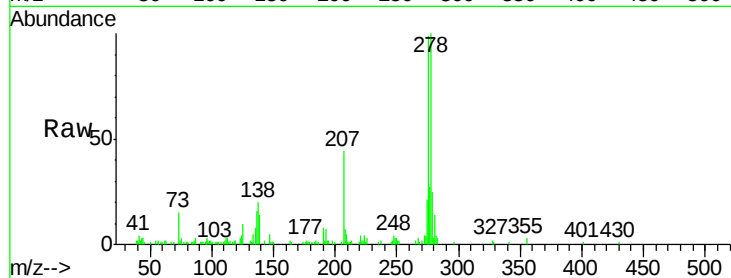
Tot Ion:278 Resp: 53866

Ion Ratio Lower Upper

278 100

139 13.5 9.4 14.2

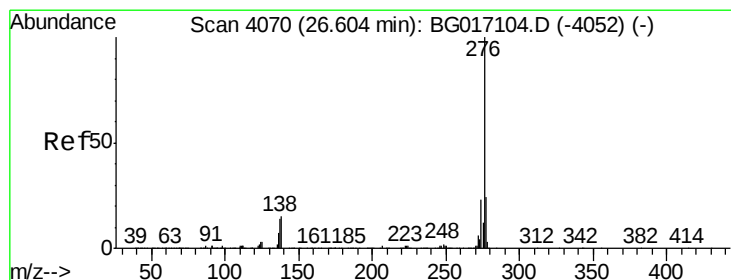
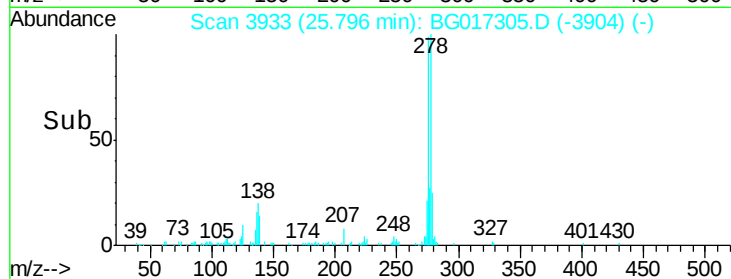
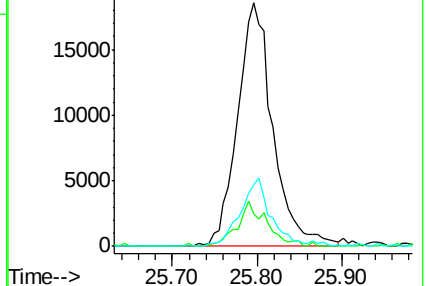
279 25.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 5.44 ng

RT: 26.48 min Scan# 4050

Delta R.T. -0.04 min

Lab File: BG017305.D

Acq: 27 May 2015 16:51

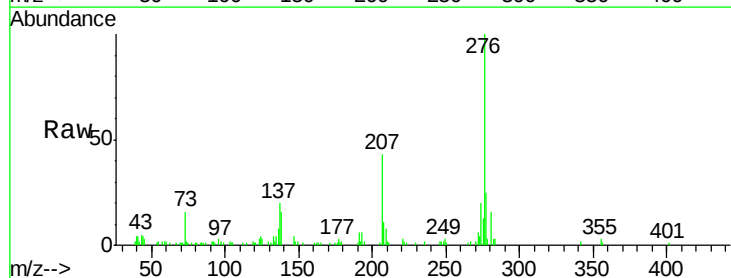
Tgt Ion:276 Resp: 53908

Ion Ratio Lower Upper

276 100

277 25.4 18.9 28.3

138 16.2 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

