

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018030.D
 Acq On : 21 Jul 2015 19:58
 Operator : TP/UM
 Sample : PB84537BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Quant Time: Jul 22 02:12:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 01:57:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	48033	20.00	ng	-0.02
21) Naphthalene-d8	10.33	136	217831	20.00	ng	-0.02
38) Acenaphthene-d10	14.21	164	149564	20.00	ng	-0.02
63) Phenanthrene-d10	16.97	188	397584	20.00	ng	-0.02
75) Chrysene-d12	21.17	240	463168	20.00	ng	-0.02
86) Perylene-d12	23.36	264	452262	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	341760	124.12	ng	-0.02
7) Phenol-d6	6.74	99	455248	126.20	ng	-0.02
23) Nitrobenzene-d5	8.71	82	252296	75.02	ng	-0.02
41) 2,4,6-Tribromophenol	15.71	330	257088	169.66	ng	-0.02
44) 2-Fluorobiphenyl	12.82	172	698815	80.97	ng	-0.02
78) Terphenyl-d14	19.62	244	1397512	76.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	29671	24.52	ng	94
3) Pyridine	3.48	79	84761	26.21	ng	# 84
4) n-Nitrosodimethylamine	3.40	42	33004	26.88	ng	# 66
6) Aniline	6.88	93	116095	24.14	ng	92
8) 2-Chlorophenol	7.12	128	134527	41.44	ng	94
9) Benzaldehyde	6.70	77	23688	10.72	ng	87
10) Phenol	6.77	94	154769	40.20	ng	91
11) bis(2-Chloroethyl)ether	6.99	93	104662	34.75	ng	87
12) 1,3-Dichlorobenzene	7.44	146	129026	36.20	ng	95
13) 1,4-Dichlorobenzene	7.58	146	135193	37.00	ng	97
14) 1,2-Dichlorobenzene	7.89	146	128016	36.67	ng	98
15) Benzyl Alcohol	7.79	79	103781	38.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.09	45	108713	29.97	ng	94
17) 2-Methylphenol	8.00	107	108722	40.50	ng	97
18) Hexachloroethane	8.62	117	47133	34.15	ng	92
19) n-Nitroso-di-n-propylamine	8.36	70	86268	32.75	ng	# 82
20) 3+4-Methylphenols	8.33	107	151718	41.76	ng	97
22) Acetophenone	8.37	105	166708	35.43	ng	# 90
24) Nitrobenzene	8.75	77	126235	35.23	ng	# 84
25) Isophorone	9.27	82	252071	35.74	ng	94
26) 2-Nitrophenol	9.45	139	79572	46.54	ng	# 87
27) 2,4-Dimethylphenol	9.52	122	134654	43.29	ng	96
28) bis(2-Chloroethoxy)methane	9.76	93	140506	35.75	ng	98
29) 2,4-Dichlorophenol	9.99	162	134471	48.53	ng	95
30) 1,2,4-Trichlorobenzene	10.20	180	125924	38.25	ng	99
31) Naphthalene	10.38	128	396048	37.15	ng	99
32) Benzoic acid	9.63	122	32207	33.86	ng	93
33) 4-Chloroaniline	10.50	127	101856	21.43	ng	# 91
34) Hexachlorobutadiene	10.67	225	71493	38.54	ng	95
35) Caprolactam	11.29	113	85296	60.58	ng	# 79
36) 4-Chloro-3-methylphenol	11.64	107	147822	47.00	ng	92
37) 2-Methylnaphthalene	12.01	142	302226	39.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	143031	35.68	ng	97
40) Hexachlorocyclopentadiene	12.36	237	178749	81.76	ng	98

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 ALS Vial : 12 Sample Multiplier: 1

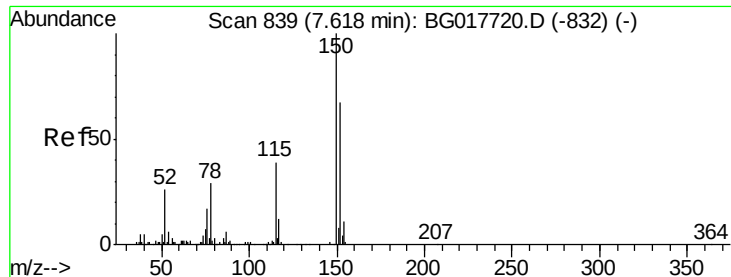
Instrument :
 BNA_G
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Quant Time: Jul 22 02:12:27 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.63	196	114122	43.77	ng	97
43) 2,4,5-Trichlorophenol	12.71	196	126208	46.55	ng #	93
45) 1,1'-Biphenyl	13.04	154	388548	37.11	ng	97
46) 2-Chloronaphthalene	13.08	162	305413	35.99	ng	95
47) 2-Nitroaniline	13.29	65	89756	39.39	ng #	76
48) Acenaphthylene	13.93	152	537596	37.99	ng	99
49) Dimethylphthalate	13.68	163	455142	43.81	ng	100
50) 2,6-Dinitrotoluene	13.80	165	106206	45.11	ng #	79
51) Acenaphthene	14.28	154	319640	37.30	ng	99
52) 3-Nitroaniline	14.13	138	71160	26.89	ng	86
53) 2,4-Dinitrophenol	14.34	184	140286	93.10	ng #	87
54) Dibenzofuran	14.62	168	509831	41.23	ng	95
55) 4-Nitrophenol	14.46	139	236761	113.08	ng #	78
56) 2,4-Dinitrotoluene	14.59	165	160748	50.91	ng #	82
57) Fluorene	15.27	166	448025	42.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	125967	53.90	ng	94
59) Diethylphthalate	15.06	149	514292	47.79	ng	98
60) 4-Chlorophenyl-phenylether	15.27	204	220322	42.28	ng	94
61) 4-Nitroaniline	15.30	138	151442	48.84	ng	85
62) Azobenzene	15.56	77	374069	37.62	ng	86
64) 4,6-Dinitro-2-methylphenol	15.36	198	111175	51.19	ng	80
65) n-Nitrosodiphenylamine	15.49	169	415123	34.72	ng	98
66) 4-Bromophenyl-phenylether	16.16	248	148266	37.22	ng	91
67) Hexachlorobenzene	16.27	284	159815	36.14	ng	93
68) Atrazine	16.45	200	173062	44.07	ng	97
69) Pentachlorophenol	16.62	266	242273	81.88	ng	99
70) Phenanthrene	17.01	178	784634	38.26	ng	99
71) Anthracene	17.10	178	798446	40.02	ng	98
72) Carbazole	17.38	167	789312	41.87	ng	99
73) Di-n-butylphthalate	17.95	149	934810	40.45	ng	98
74) Fluoranthene	19.03	202	938770	41.81	ng	98
76) Benzidine	19.23	184	404619	30.76	ng	100
77) Pyrene	19.40	202	960169	37.17	ng	98
79) Butylbenzylphthalate	20.32	149	432178	37.36	ng	87
80) Benzo(a)anthracene	21.15	228	908640	37.14	ng	99
81) 3,3'-Dichlorobenzidine	21.09	252	190375	21.46	ng #	97
82) Chrysene	21.20	228	846262	36.32	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	599345	37.62	ng #	96
84) Di-n-octyl phthalate	21.96	149	1009846	40.24	ng #	88
85) Indeno(1,2,3-cd)pyrene	25.59	276	1082437	38.42	ng	96
87) Benzo(b)fluoranthene	22.71	252	962662	38.90	ng	96
88) Benzo(k)fluoranthene	22.75	252	888017	35.94	ng	98
89) Benzo(a)pyrene	23.27	252	907815	39.38	ng	98
90) Dibenzo(a,h)anthracene	25.61	278	941659	39.39	ng	96
91) Benzo(g,h,i)perylene	26.28	276	889324	38.58	ng	96

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

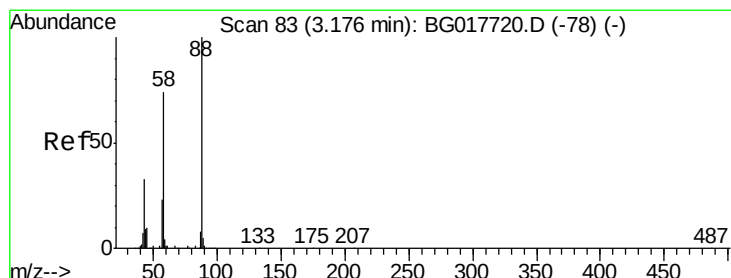
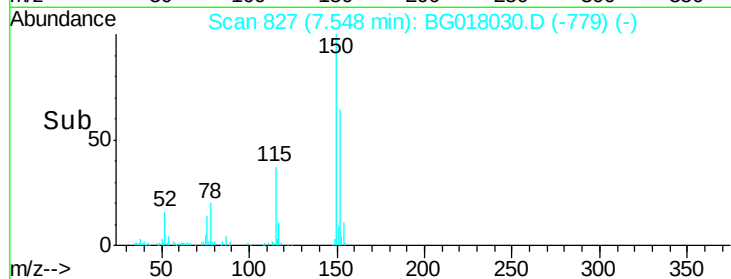
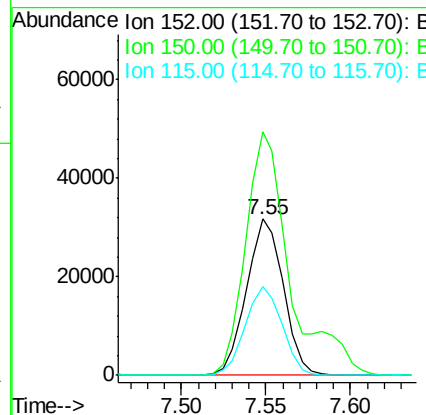
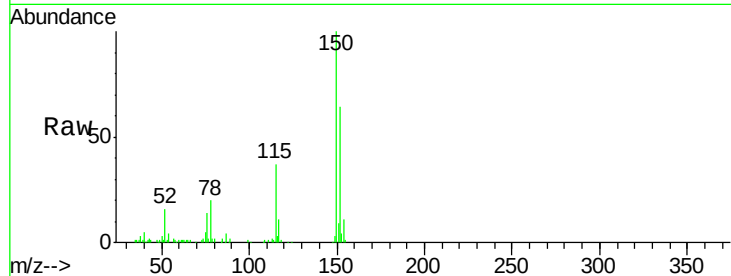


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Instrument :
BNA_G
ClientSampleId :
PB84537BS

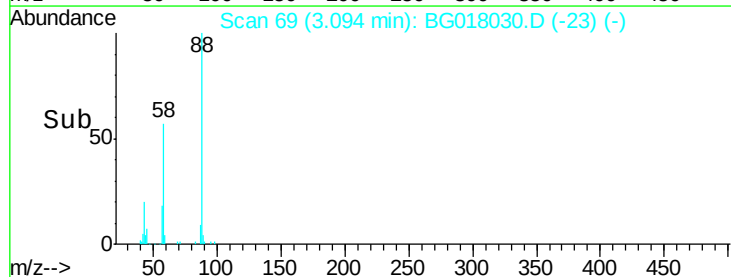
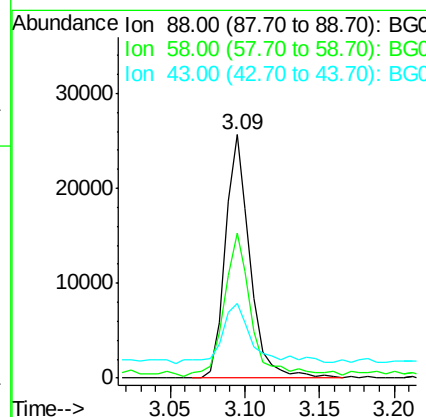
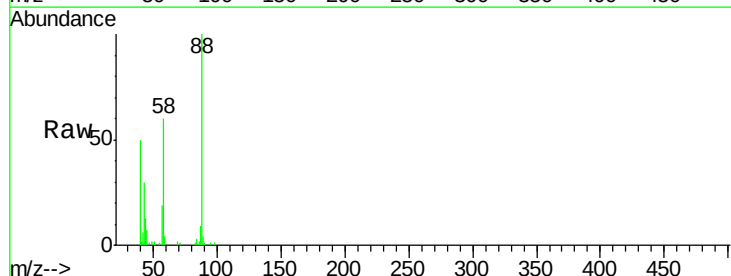
Tgt Ion:152 Resp: 48033
Ion Ratio Lower Upper
152 100
150 155.8 119.1 178.7
115 57.1 47.0 70.4

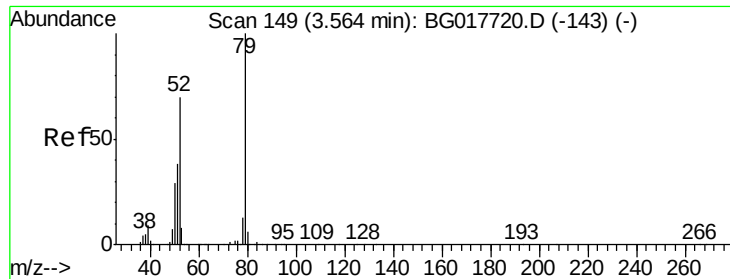


#2

1,4-Dioxane
Concen: 24.52 ng
RT: 3.09 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion: 88 Resp: 29671
Ion Ratio Lower Upper
88 100
58 64.3 55.8 83.8
43 32.1 27.4 41.2





#3

Pyridine

Concen: 26.21 ng

RT: 3.48 min Scan# 134

Delta R.T. -0.03 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

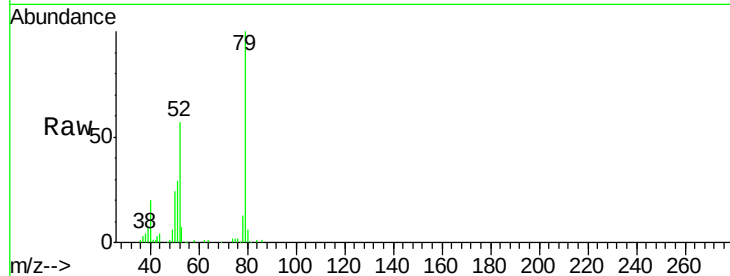
Tgt Ion: 79 Resp: 84761

Ion Ratio Lower Upper

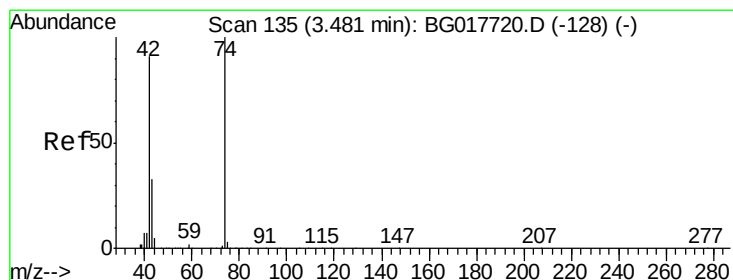
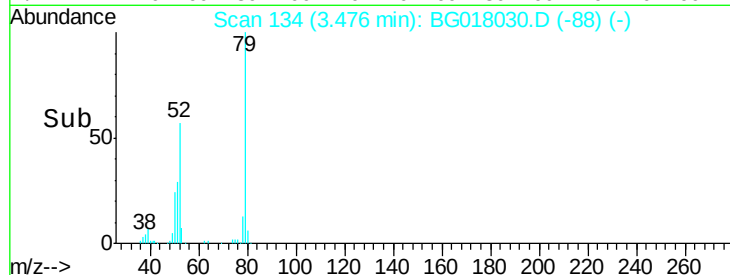
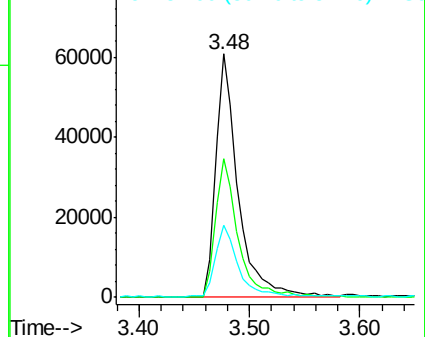
79 100

52 57.0 55.7 83.5

51 29.5 32.2 48.4#



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: 26.88 ng

RT: 3.40 min Scan# 121

Delta R.T. -0.03 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

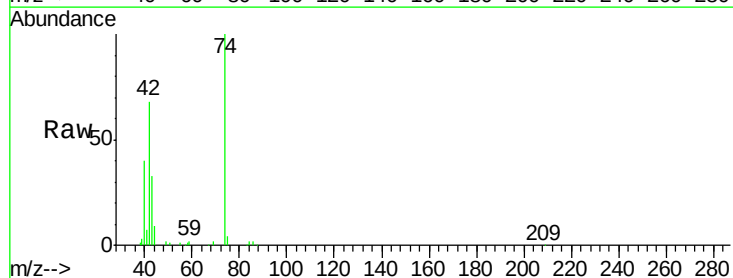
Tgt Ion: 42 Resp: 33004

Ion Ratio Lower Upper

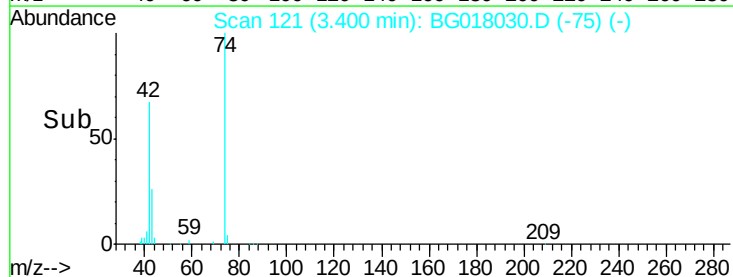
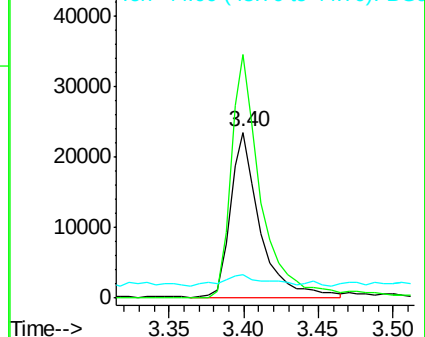
42 100

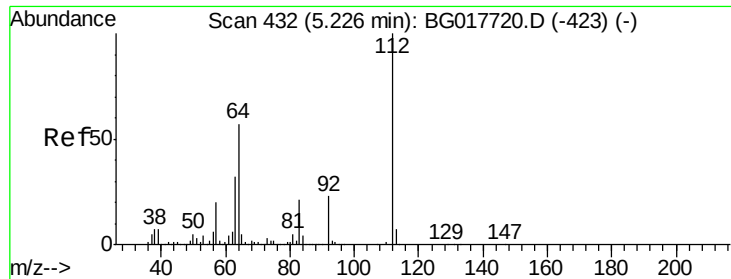
74 147.0 87.4 131.2#

44 13.8 6.4 9.6#



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: 124.12 ng

RT: 5.16 min Scan# 420

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

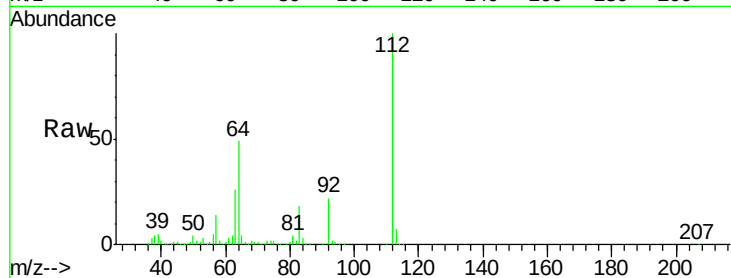
Tgt Ion: 112 Resp: 341760

Ion Ratio Lower Upper

112 100

64 49.1 45.4 68.0

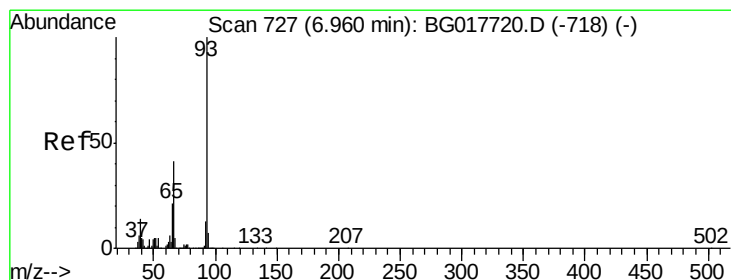
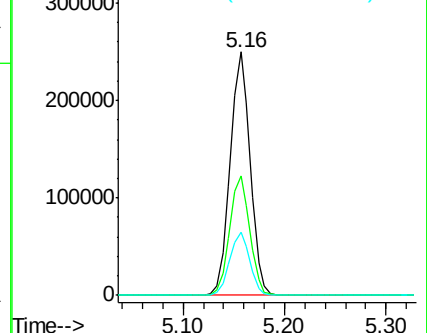
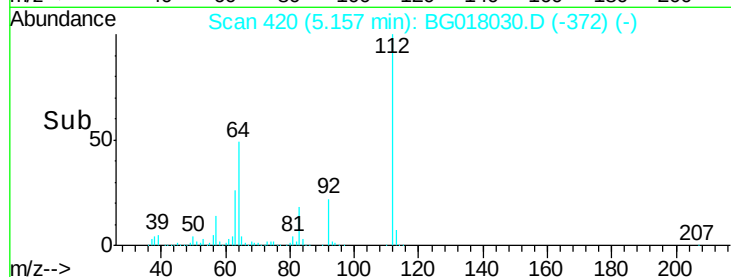
63 25.8 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.14 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

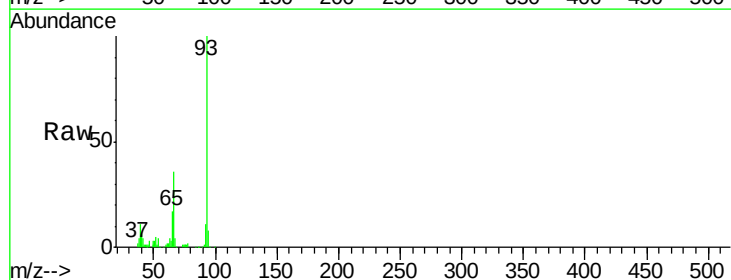
Tgt Ion: 93 Resp: 116095

Ion Ratio Lower Upper

93 100

66 36.4 32.7 49.1

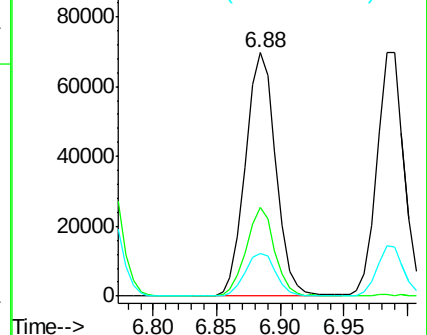
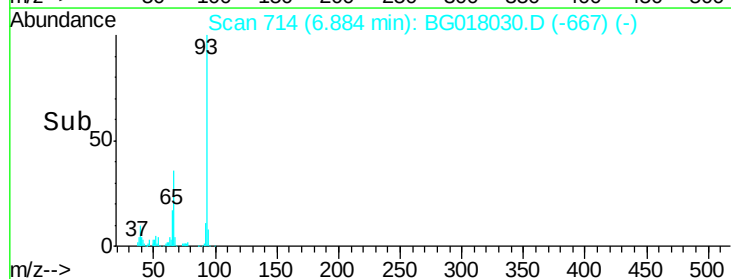
65 17.4 17.0 25.6

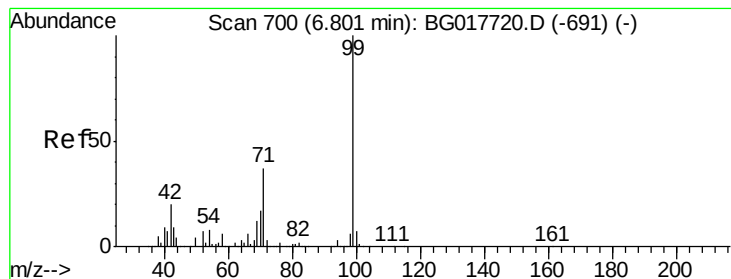


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.20 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG018030.D

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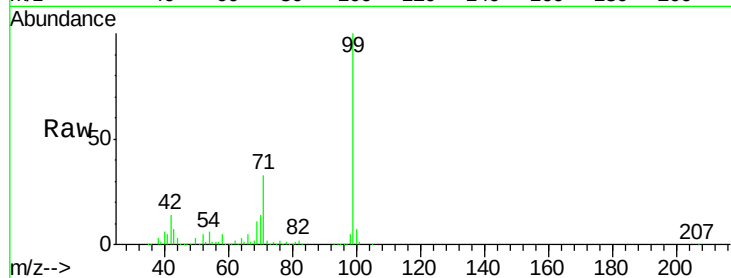
Tgt Ion: 99 Resp: 455248

Ion Ratio Lower Upper

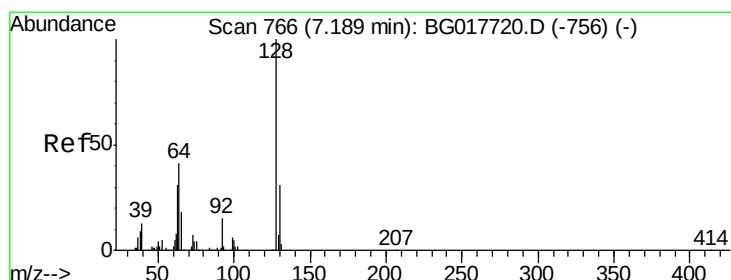
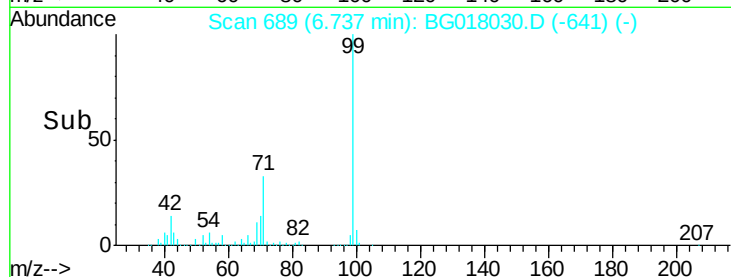
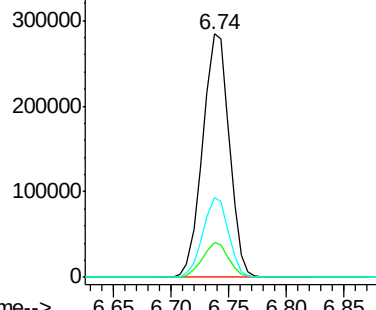
99 100

42 14.2 16.2 24.4#

71 32.6 29.5 44.3



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: 41.44 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

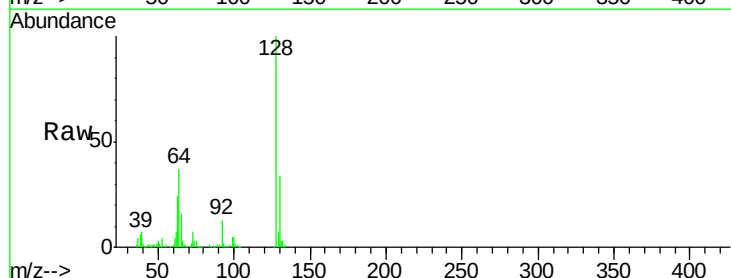
Tgt Ion: 128 Resp: 134527

Ion Ratio Lower Upper

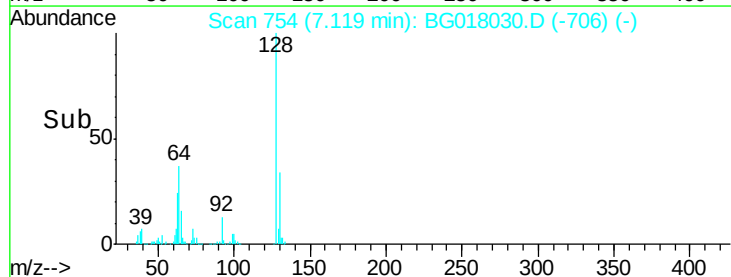
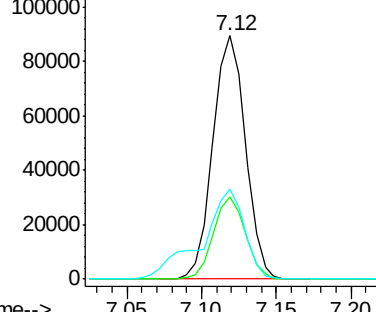
128 100

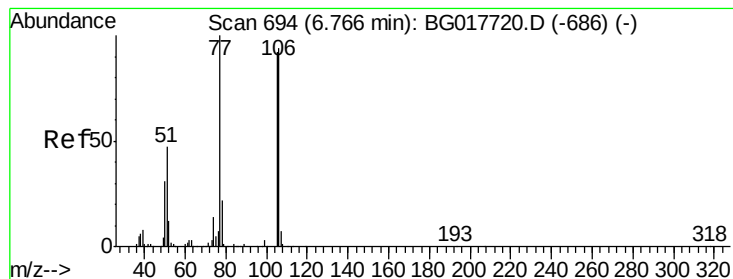
130 33.8 11.1 51.1

64 36.9 21.4 61.4



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





#9

Benzaldehyde

Concen: 10.72 ng

RT: 6.70 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

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ClientSampleId :

PB84537BS

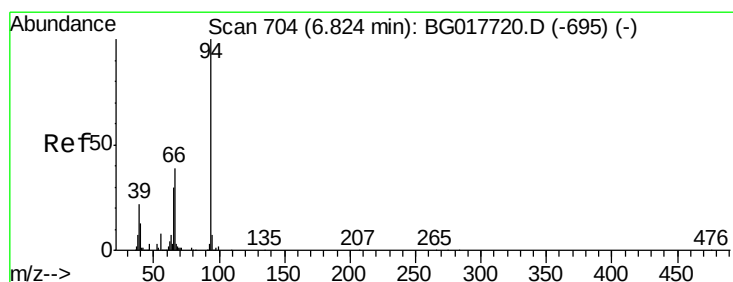
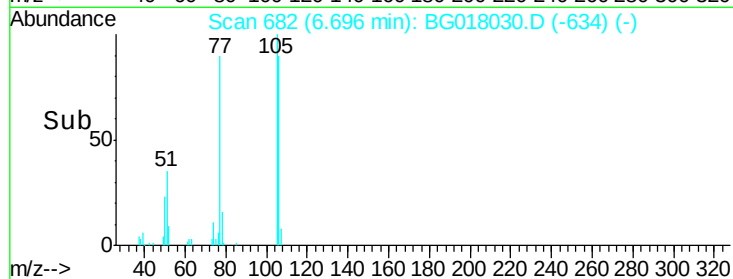
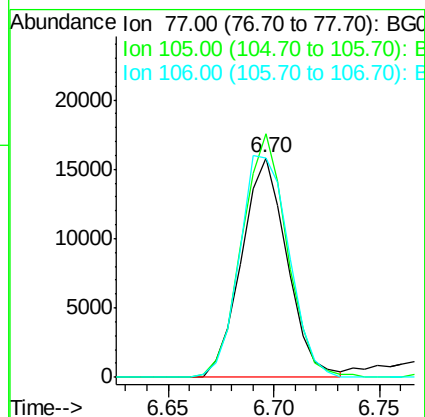
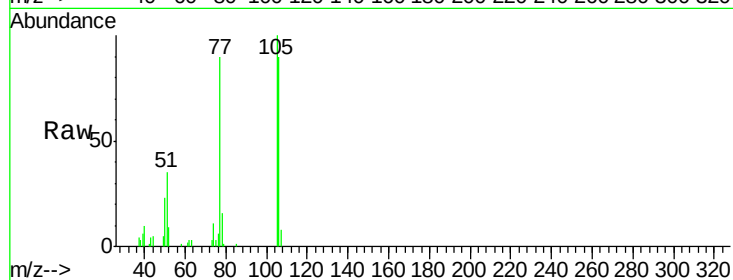
Tgt Ion: 77 Resp: 23688

Ion Ratio Lower Upper

77 100

105 111.0 71.8 111.8

106 100.2 74.5 114.5



#10

Phenol

Concen: 40.20 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

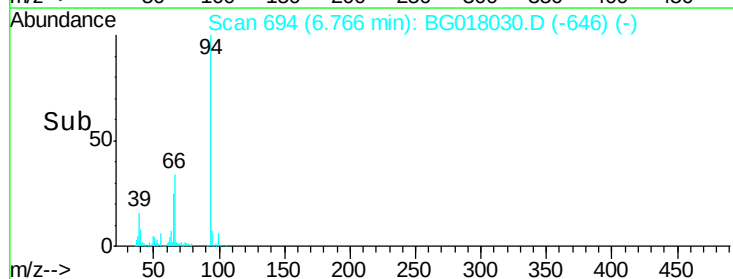
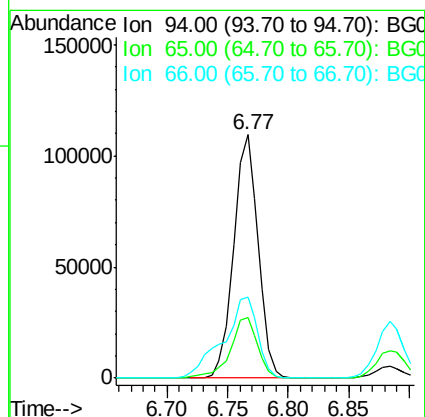
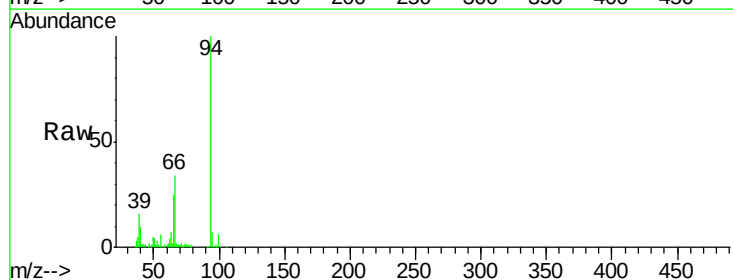
Tgt Ion: 94 Resp: 154769

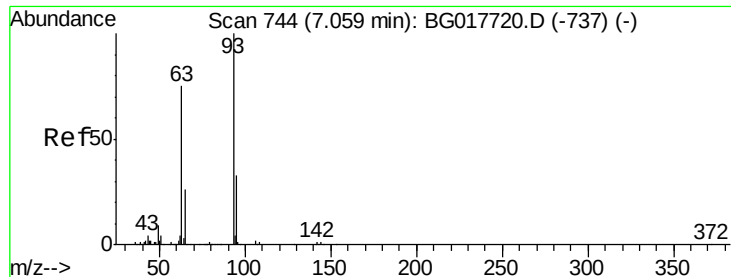
Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

66 33.5 19.4 59.4

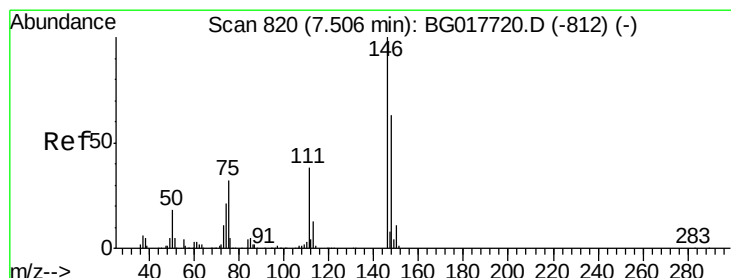
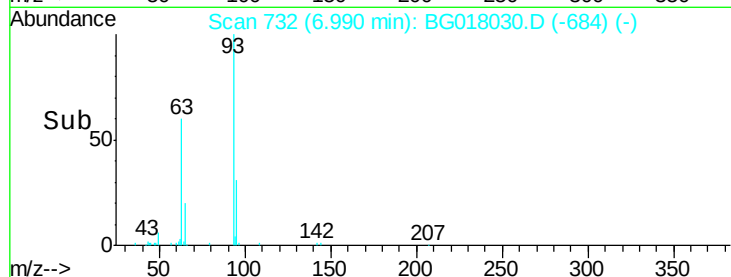
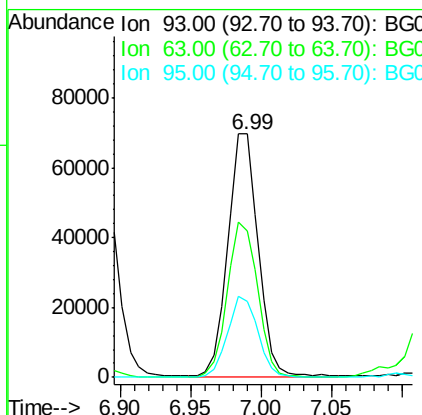
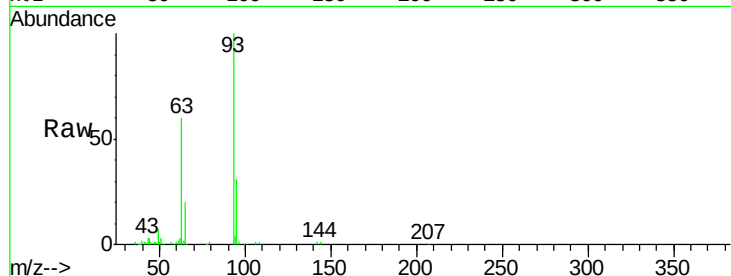




#11
 bis(2-Chloroethyl)ether
 Concen: 34.75 ng
 RT: 6.99 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

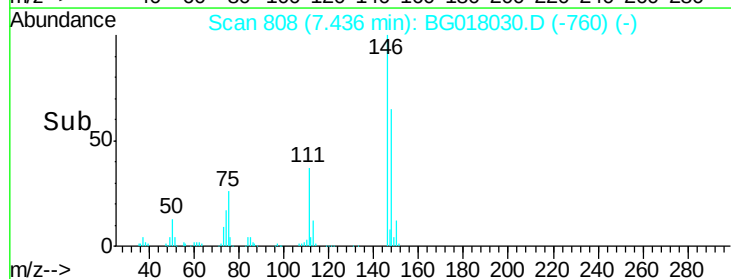
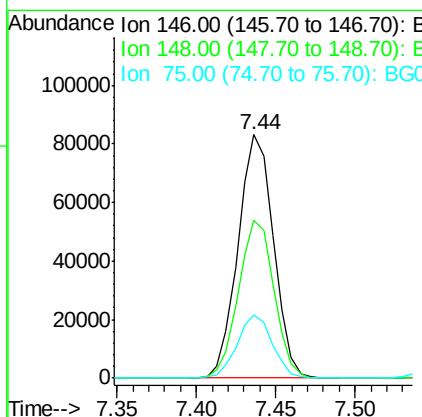
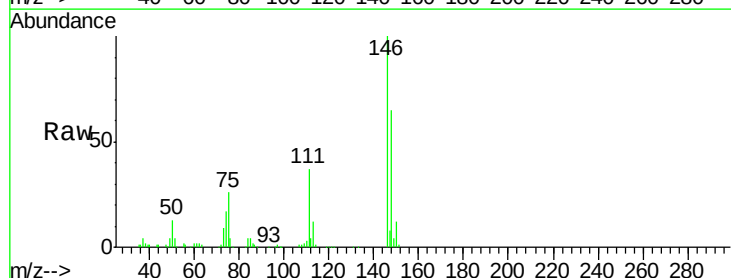
Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

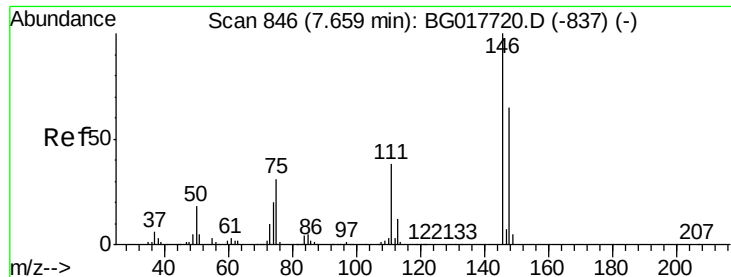
Tgt Ion	Ratio	Lower	Upper
93	100		
63	60.4	54.7	94.7
95	31.0	13.2	53.2



#12
 1,3-Dichlorobenzene
 Concen: 36.20 ng
 RT: 7.44 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
75	26.1	25.8	38.6

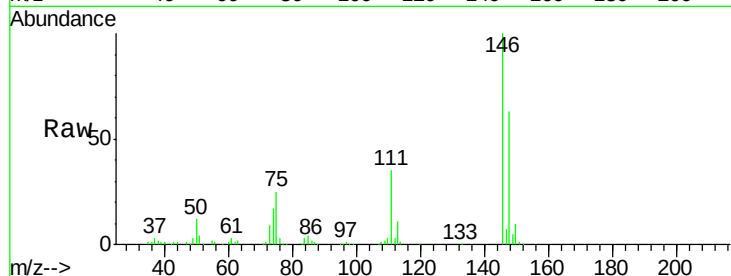




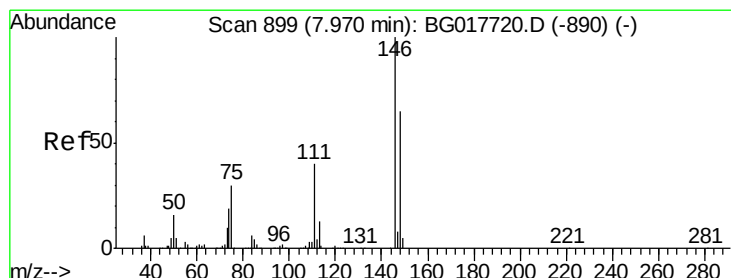
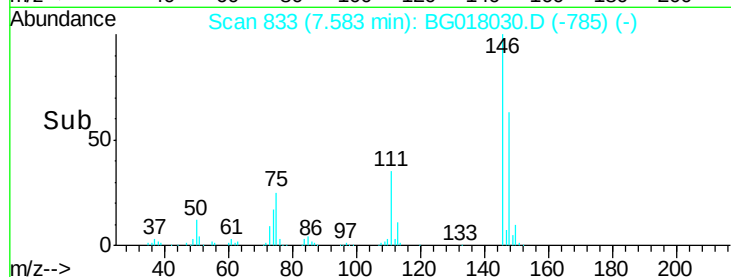
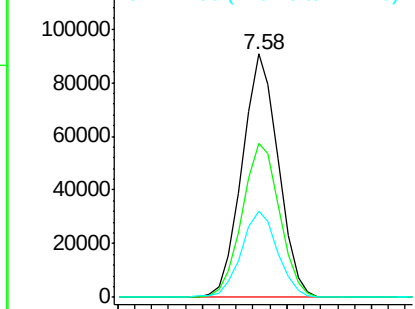
#13
 1,4-Dichlorobenzene
 Concen: 37.00 ng
 RT: 7.58 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Tgt Ion:146 Resp: 135193
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 35.3 31.0 46.4

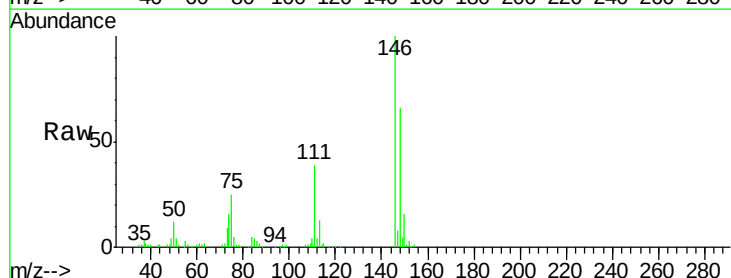


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

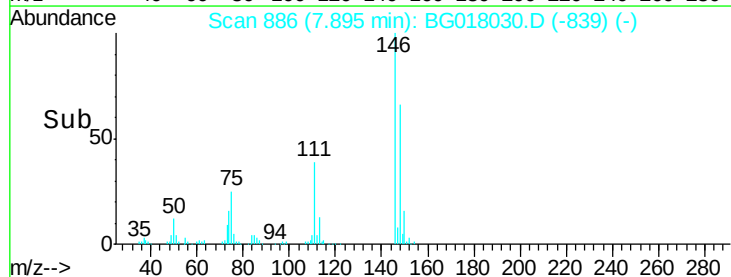
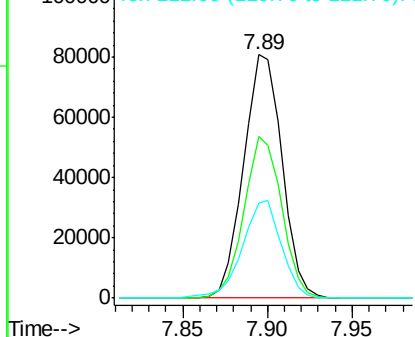


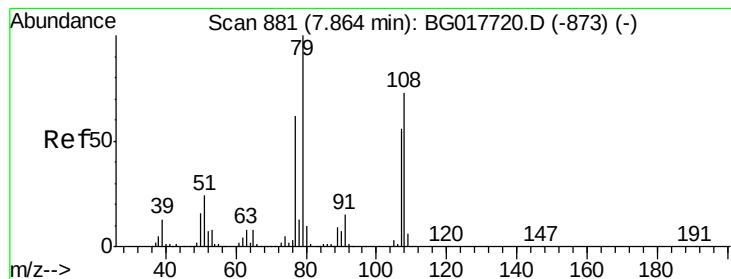
#14
 1,2-Dichlorobenzene
 Concen: 36.67 ng
 RT: 7.89 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion:146 Resp: 128016
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.2 78.4
 111 39.0 32.3 48.5



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: 38.89 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

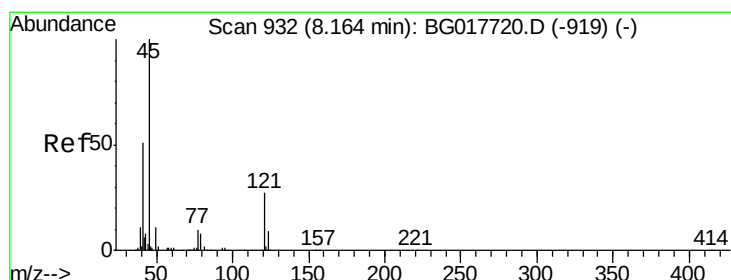
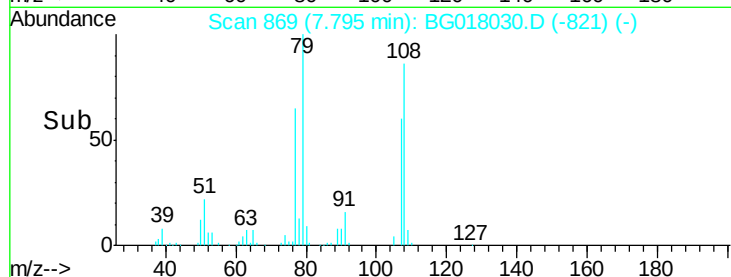
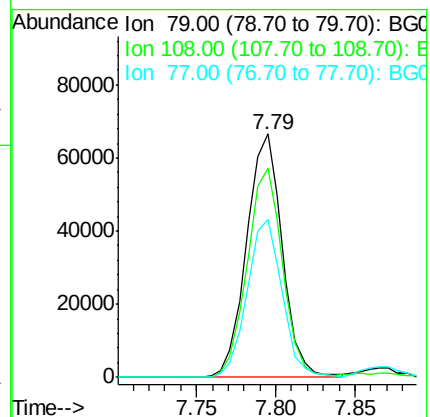
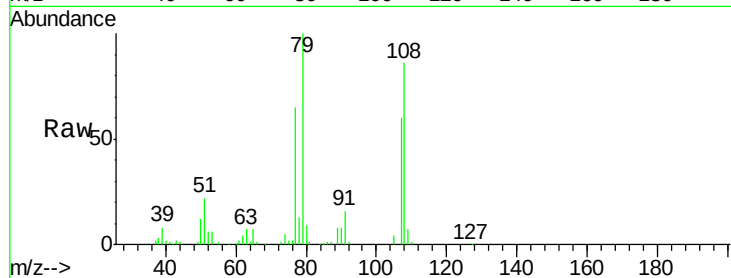
Tgt Ion: 79 Resp: 103781

Ion Ratio Lower Upper

79 100

108 86.0 58.4 87.6

77 64.6 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.97 ng

RT: 8.09 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

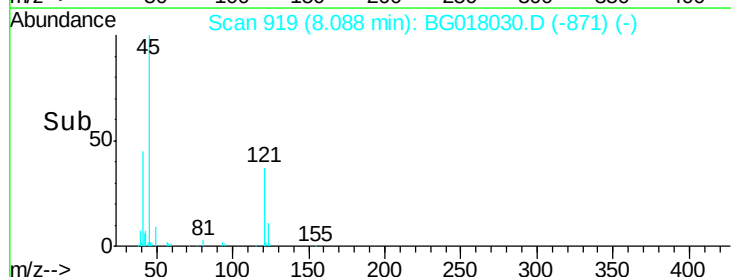
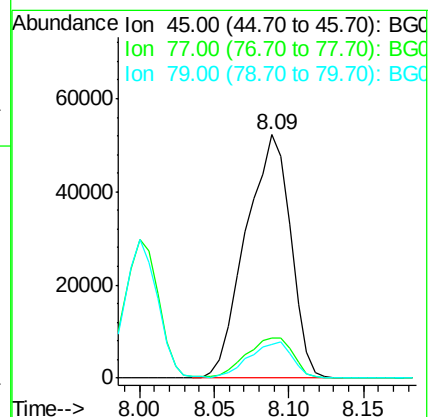
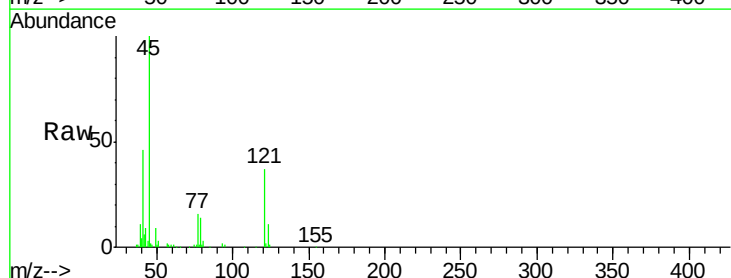
Tgt Ion: 45 Resp: 108713

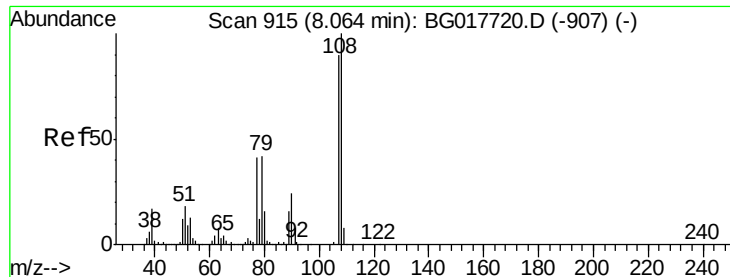
Ion Ratio Lower Upper

45 100

77 16.4 0.0 33.9

79 13.8 0.0 31.4

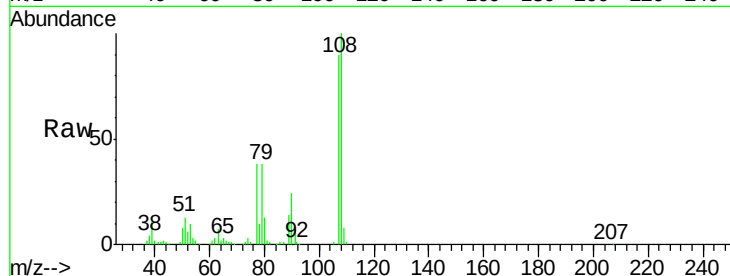




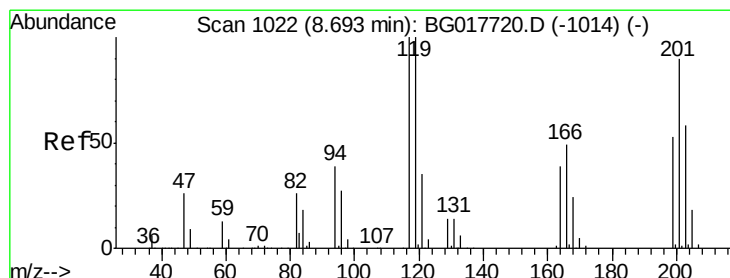
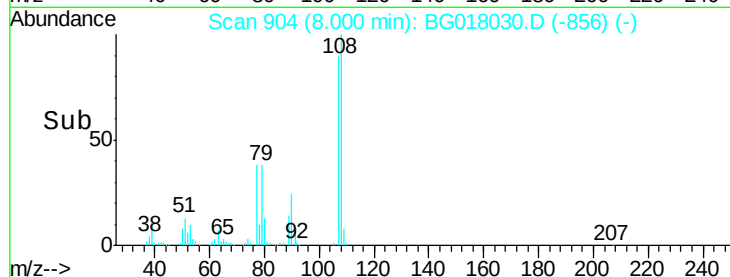
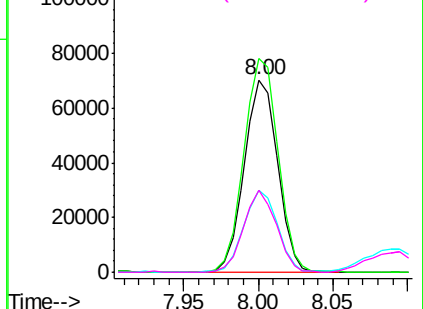
#17
2-Methylphenol
Concen: 40.50 ng
RT: 8.00 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Instrument :
BNA_G
ClientSampleId :
PB84537BS

Tgt Ion:	107	Resp:	108722
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.3	133.9
77	42.5	36.9	55.3
79	42.5	37.6	56.4

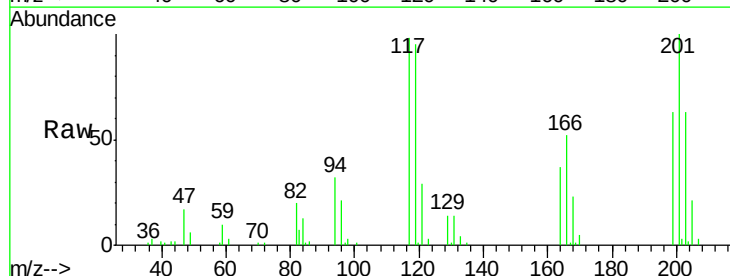


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

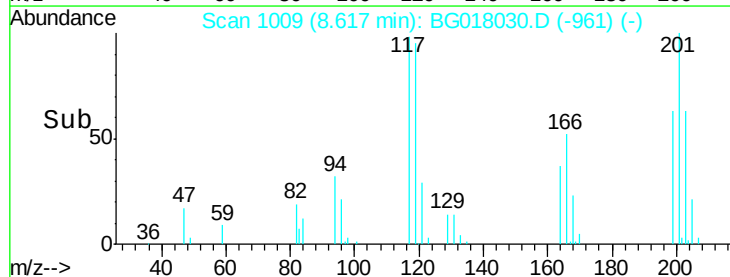
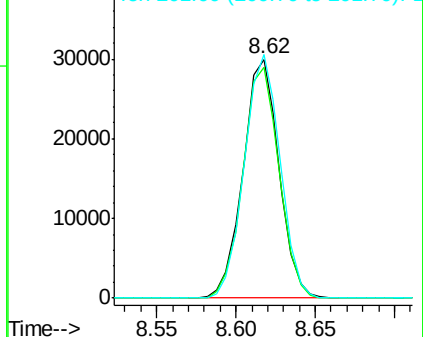


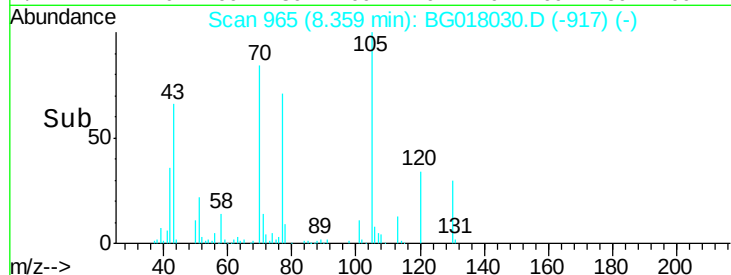
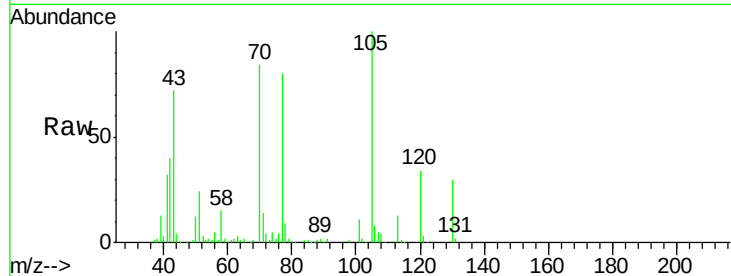
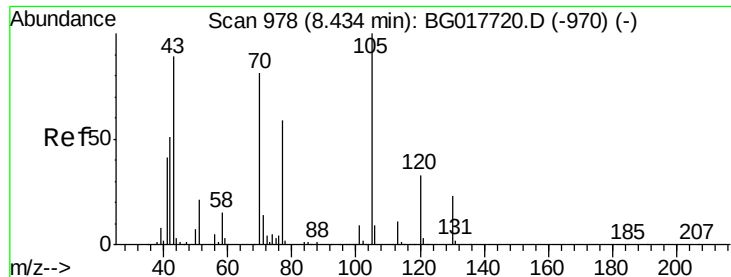
#18
Hexachloroethane
Concen: 34.15 ng
RT: 8.62 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:	117	Resp:	47133
Ion	Ratio	Lower	Upper
117	100		
119	96.6	80.1	120.1
201	102.0	71.9	107.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

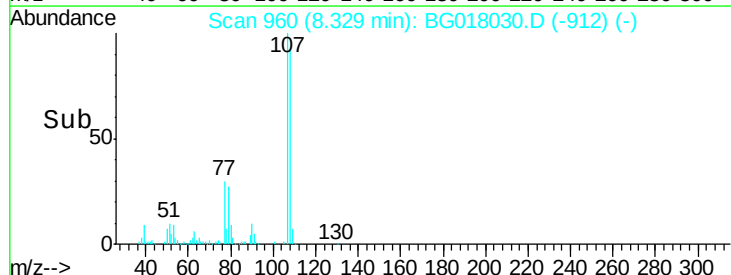
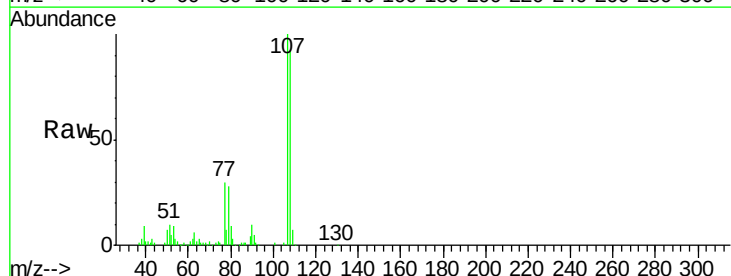
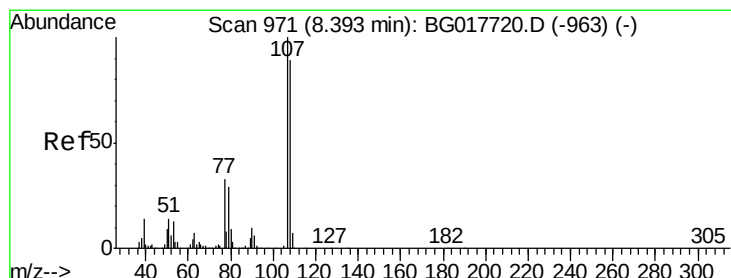
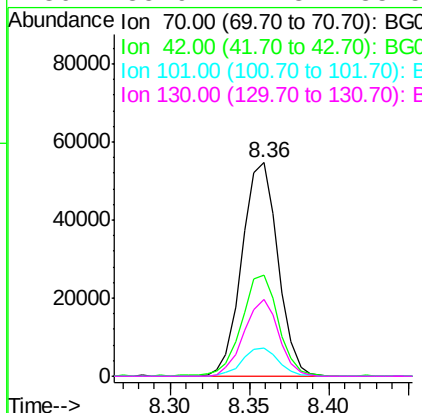




#19
n-Nitroso-di-n-propylamine
Concen: 32.75 ng
RT: 8.36 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

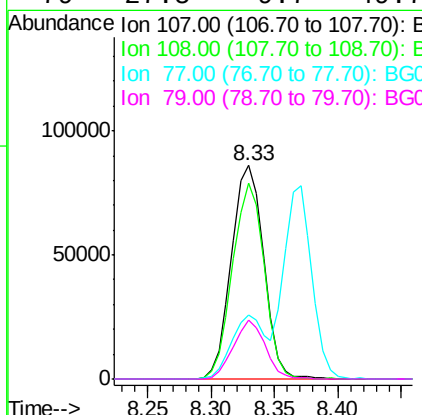
Instrument :
BNA_G
ClientSampleId :
PB84537BS

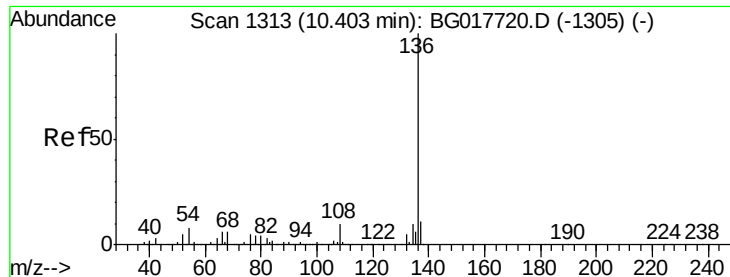
Tgt Ion: 70 Resp: 86268
Ion Ratio Lower Upper
70 100
42 47.4 50.8 76.2#
101 13.2 8.7 13.1#
130 35.9 22.3 33.5#



#20
3+4-Methylphenols
Concen: 41.76 ng
RT: 8.33 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion: 107 Resp: 151718
Ion Ratio Lower Upper
107 100
108 91.9 69.6 109.6
77 30.1 13.0 53.0
79 27.5 9.7 49.7

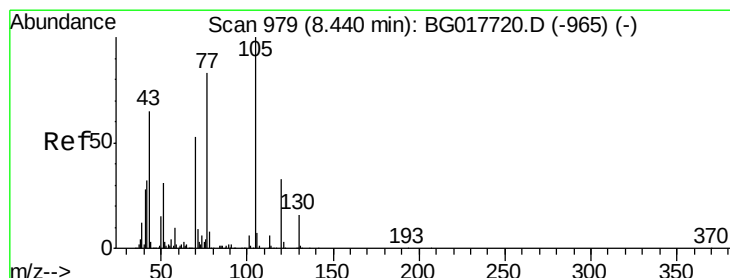
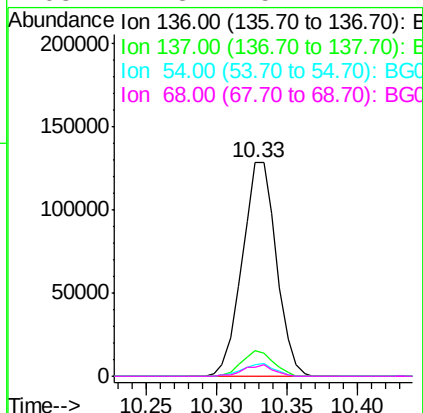
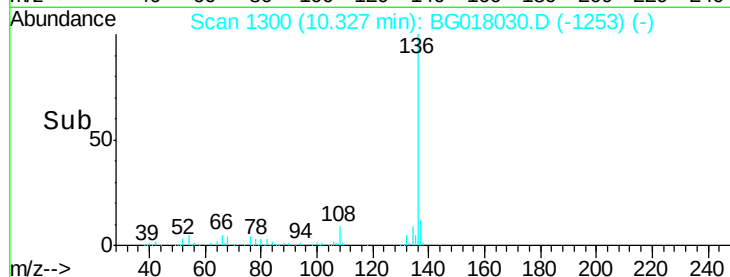
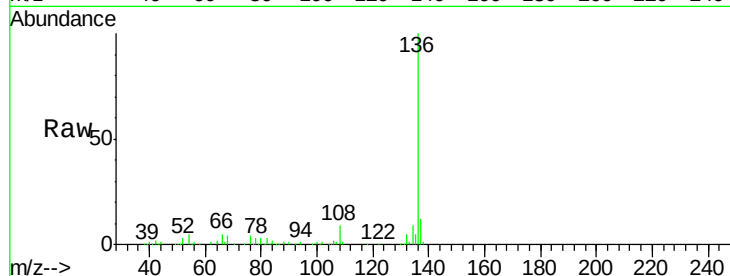




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.33 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

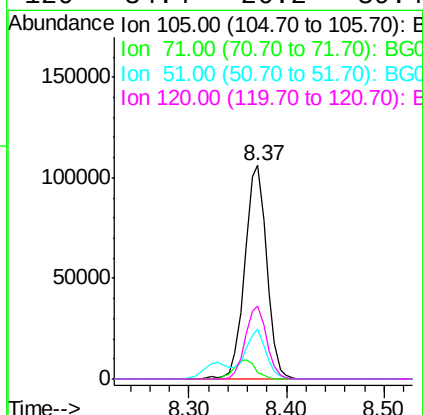
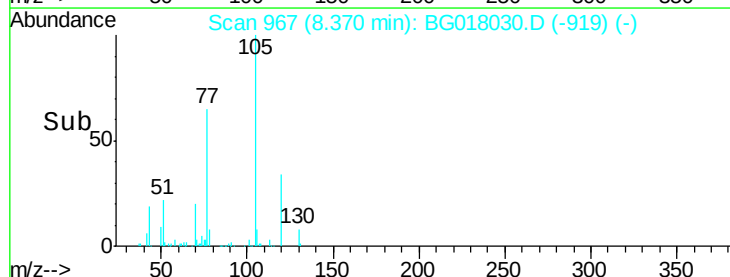
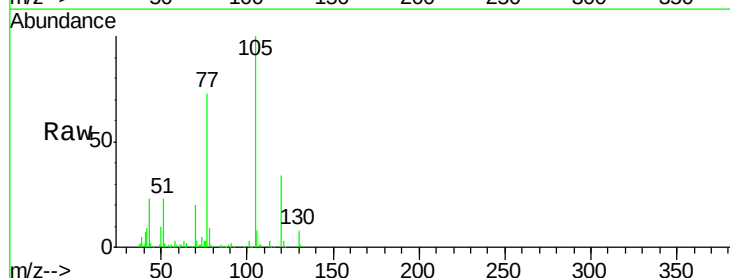
Instrument :
BNA_G
ClientSampleId :
PB84537BS

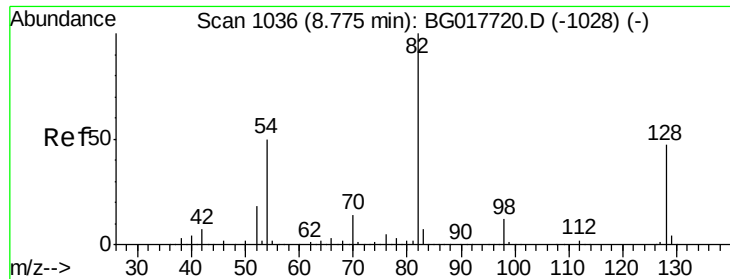
Tgt Ion:	136	Resp:	217831
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.8	13.2
54	5.2	6.6	9.8#
68	4.3	5.1	7.7#



#22
Acetophenone
Concen: 35.43 ng
RT: 8.37 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:	105	Resp:	166708
Ion Ratio	Lower	Upper	
105	100		
71	3.2	7.7	11.5#
51	23.2	24.9	37.3#
120	34.4	26.2	39.4

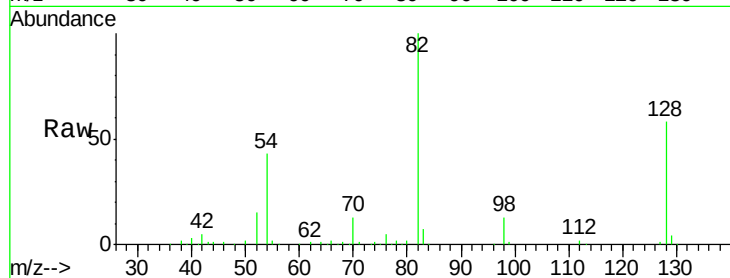




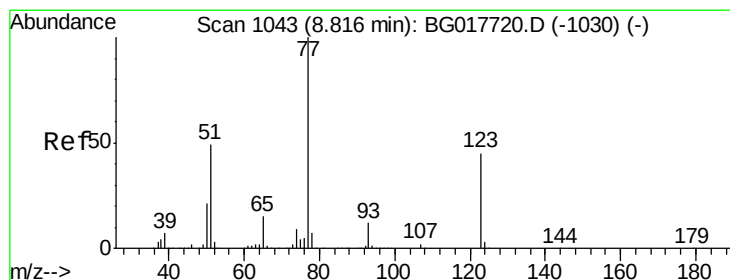
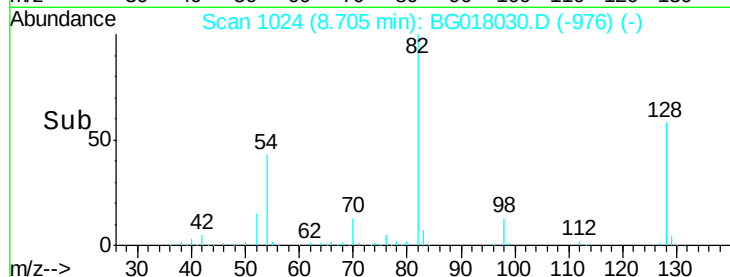
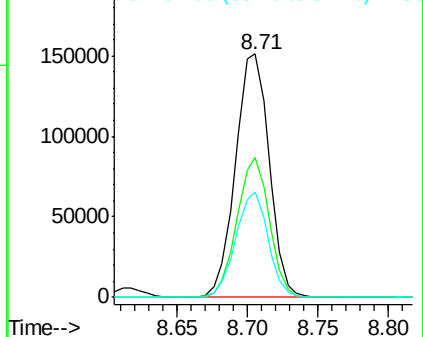
#23
 Nitrobenzene-d5
 Concen: 75.02 ng
 RT: 8.71 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Tgt Ion: 82 Resp: 252296
 Ion Ratio Lower Upper
 82 100
 128 57.6 37.8 56.6#
 54 43.2 39.9 59.9

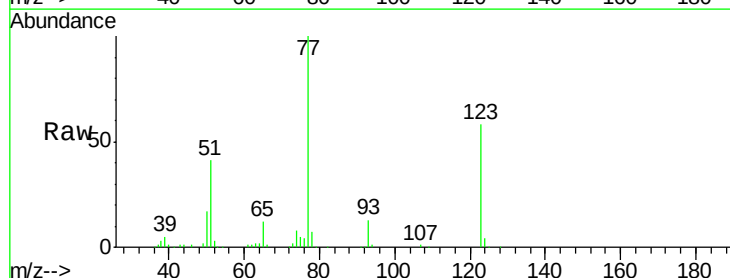


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

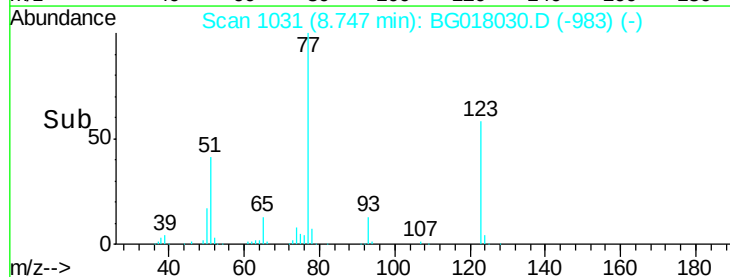
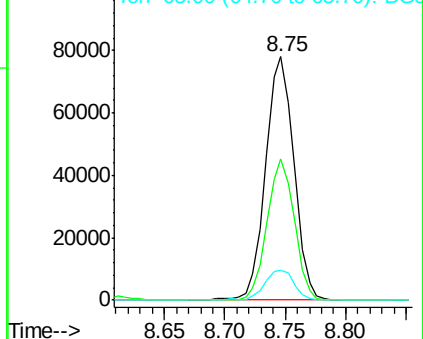


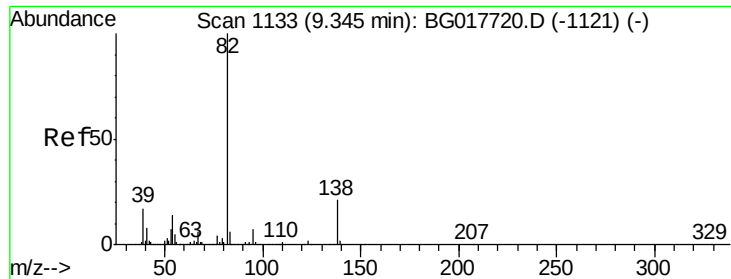
#24
 Nitrobenzene
 Concen: 35.23 ng
 RT: 8.75 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion: 77 Resp: 126235
 Ion Ratio Lower Upper
 77 100
 123 58.1 36.2 54.2#
 65 12.5 11.7 17.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.74 ng

RT: 9.27 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

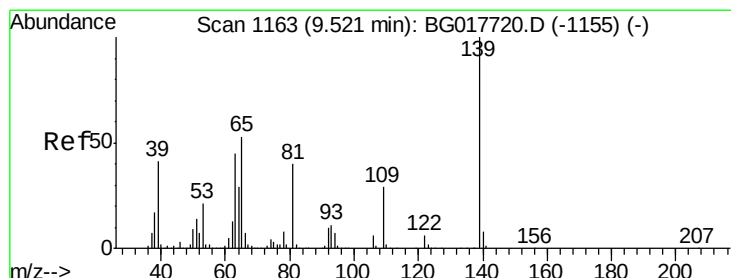
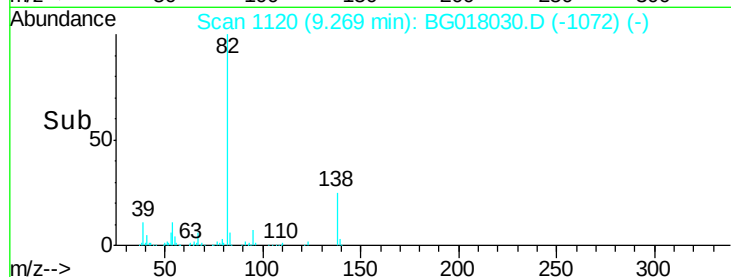
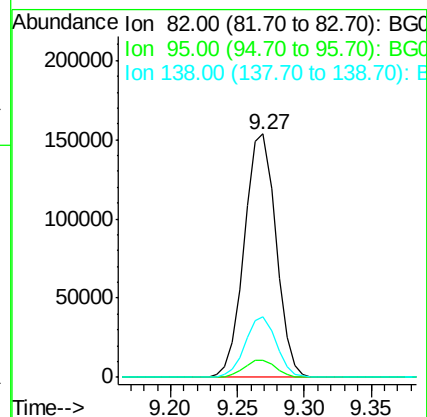
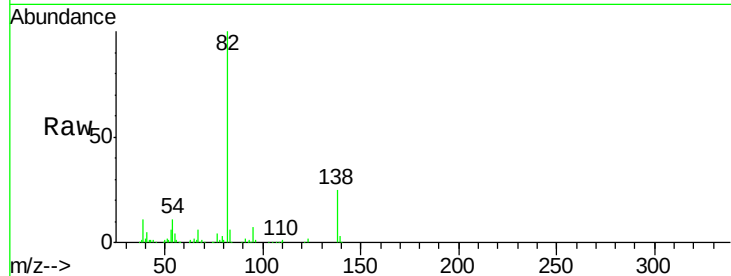
Tgt Ion: 82 Resp: 252071

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 24.9 17.0 25.6



#26

2-Nitrophenol

Concen: 46.54 ng

RT: 9.45 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

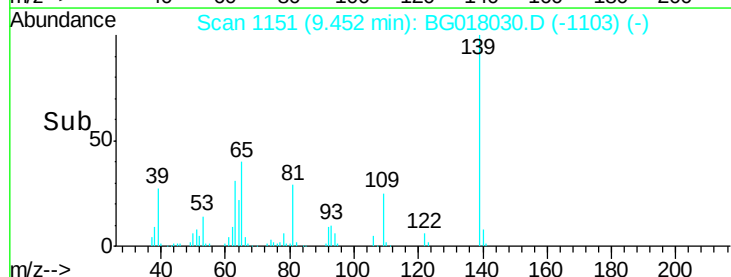
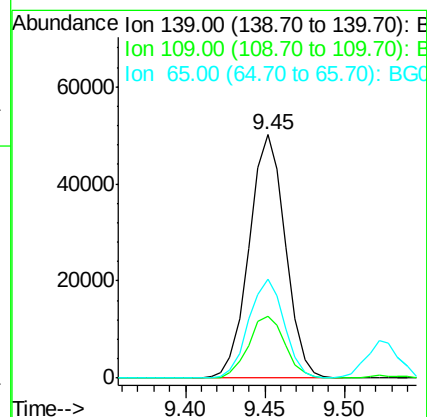
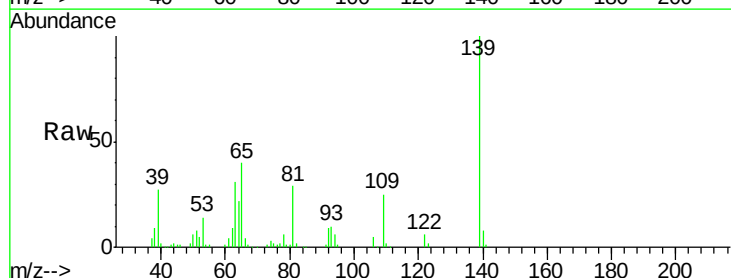
Tgt Ion: 139 Resp: 79572

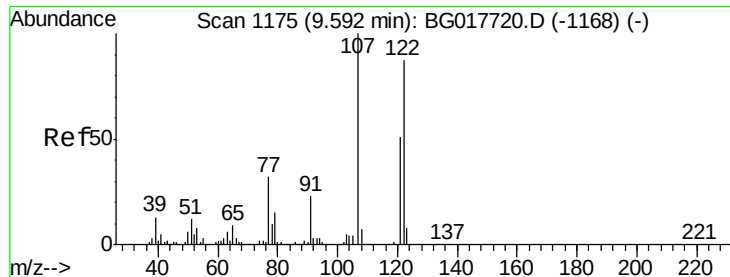
Ion Ratio Lower Upper

139 100

109 25.2 23.0 34.4

65 40.5 42.0 63.0#

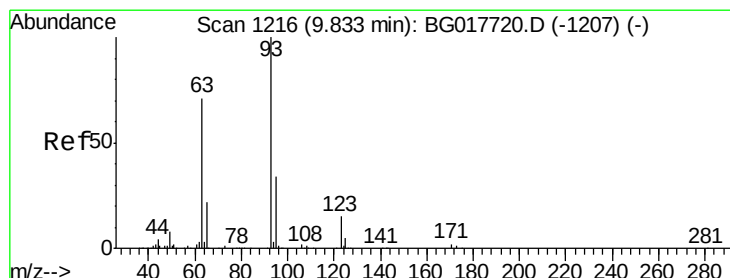
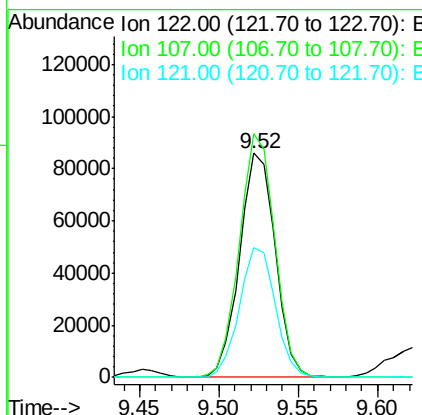
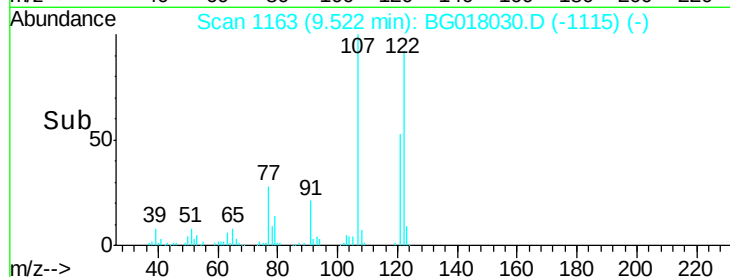
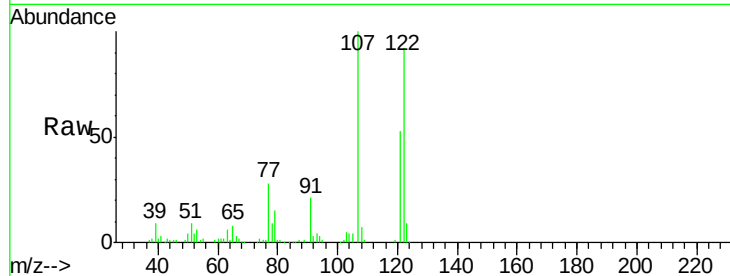




#27
2,4-Dimethylphenol
Concen: 43.29 ng
RT: 9.52 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

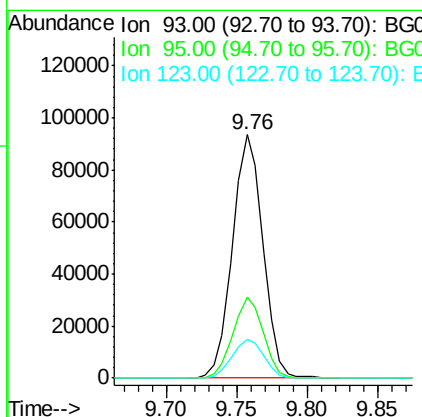
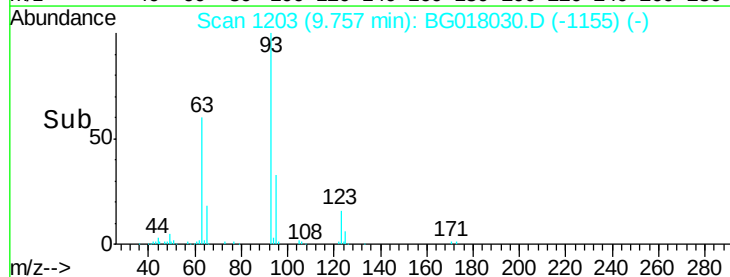
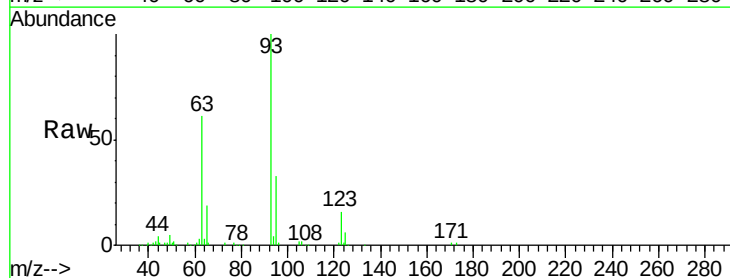
Instrument :
BNA_G
ClientSampleId :
PB84537BS

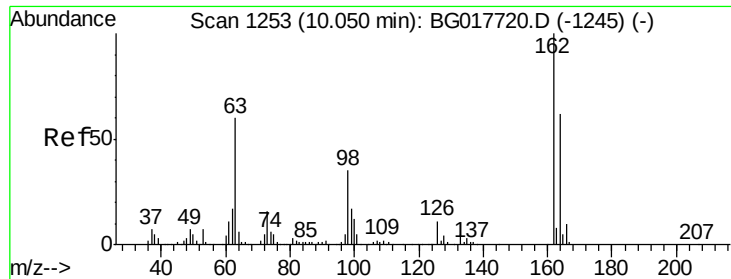
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.6	92.2	138.2
121	57.8	46.5	69.7



#28
bis(2-Chloroethoxy)methane
Concen: 35.75 ng
RT: 9.76 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.9	40.3
123	16.1	12.0	18.0

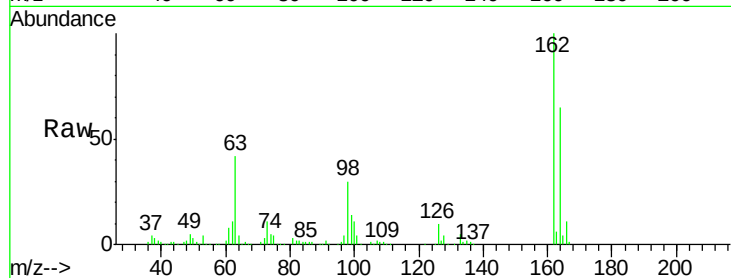




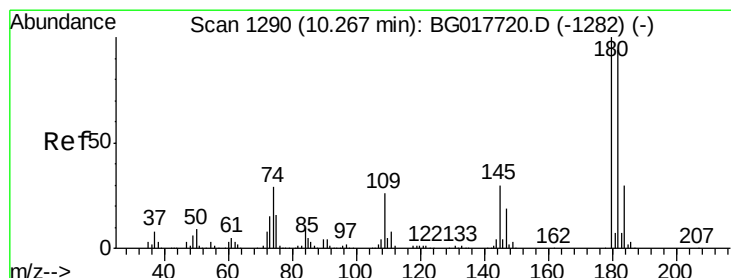
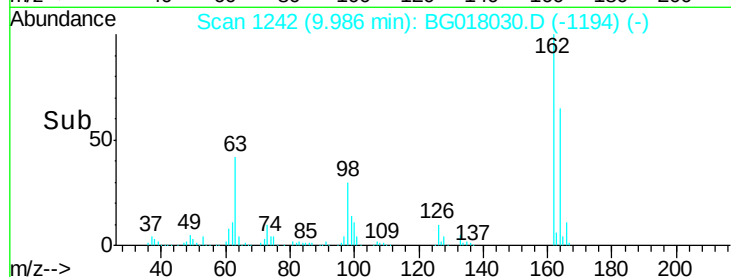
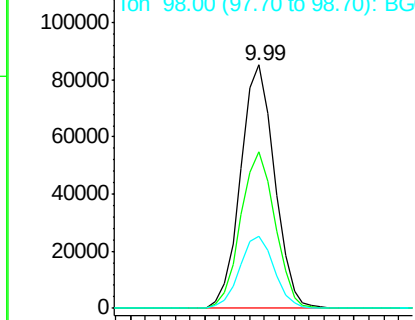
#29
 2,4-Dichlorophenol
 Concen: 48.53 ng
 RT: 9.99 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.5	82.5
98	29.5	15.1	55.1

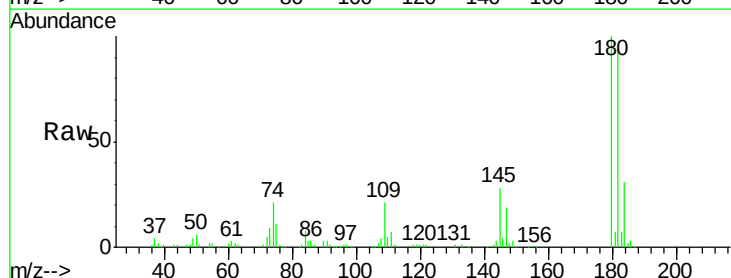


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

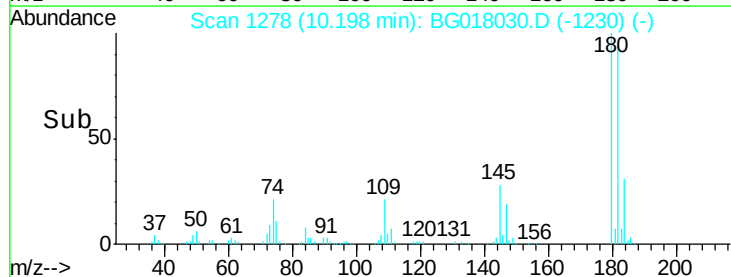
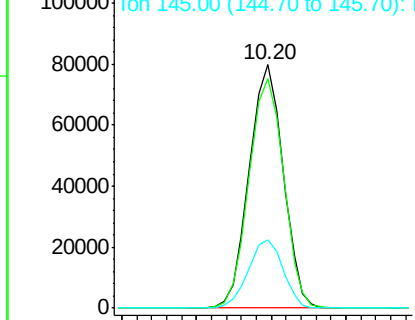


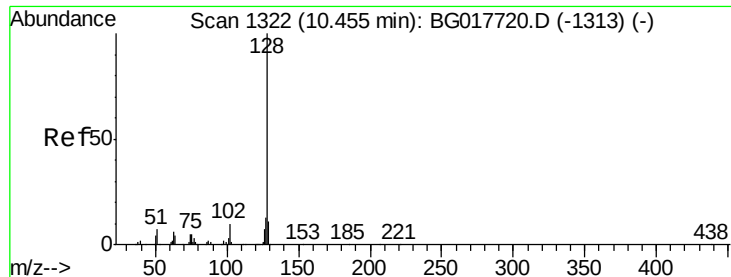
#30
 1,2,4-Trichlorobenzene
 Concen: 38.25 ng
 RT: 10.20 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.2	112.8
145	27.9	24.1	36.1



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

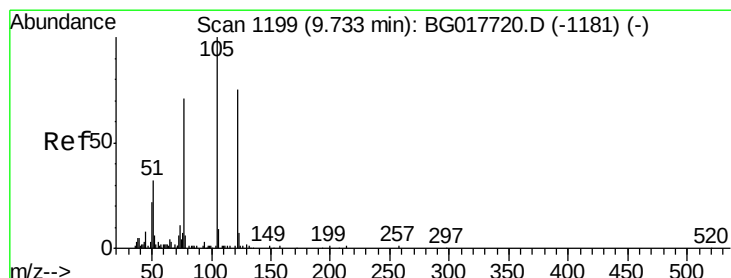
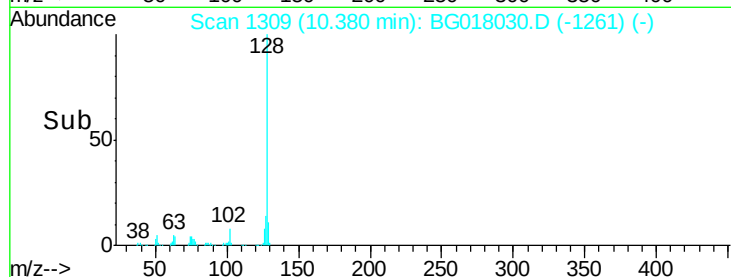
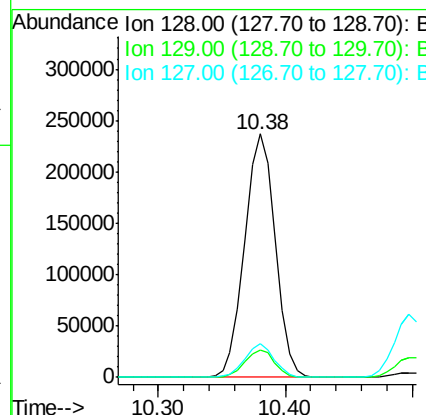
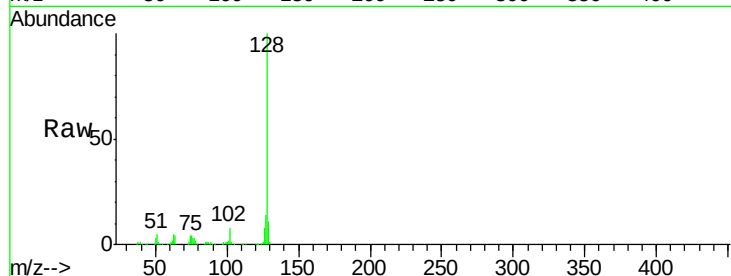




#31
Naphthalene
Concen: 37.15 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

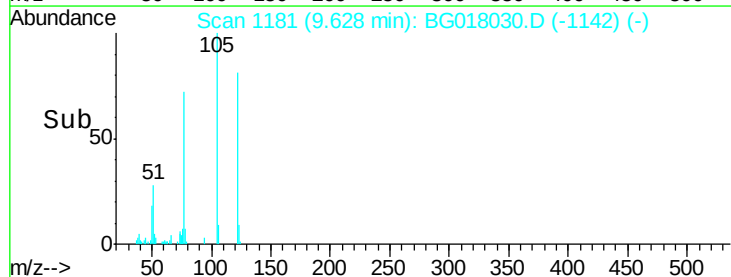
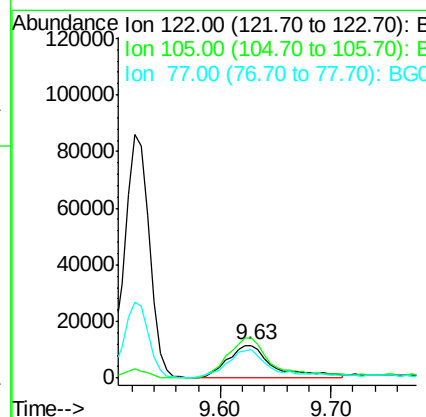
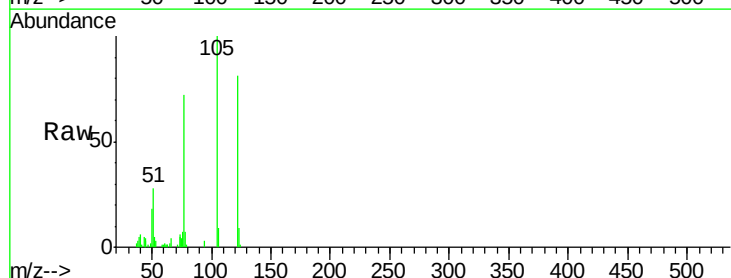
Instrument :
BNA_G
ClientSampleId :
PB84537BS

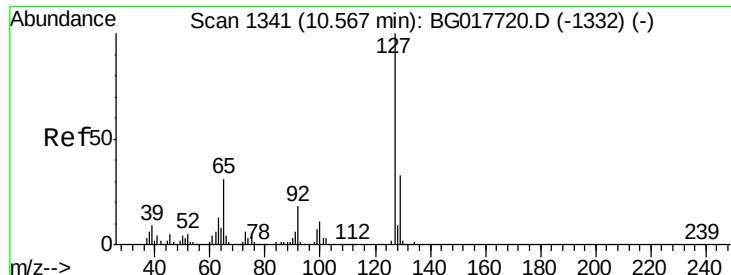
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.7	10.7	16.1



#32
Benzoic acid
Concen: 33.86 ng
RT: 9.63 min Scan# 1181
Delta R.T. -0.07 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	111.3	151.3
77	88.1	75.2	115.2

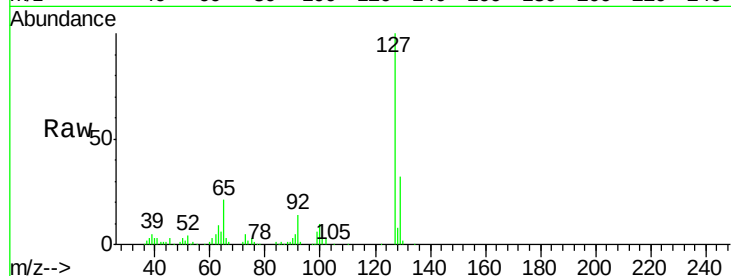




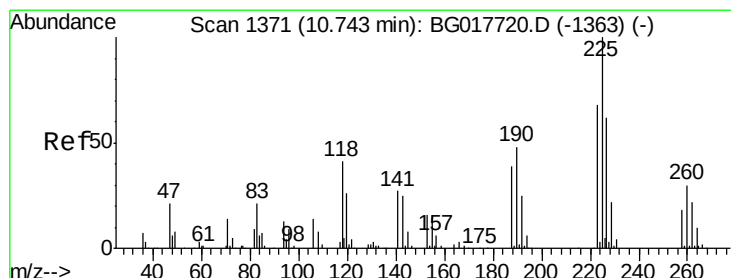
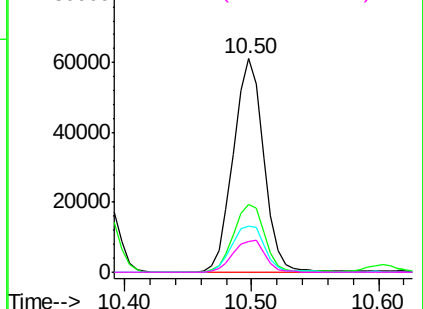
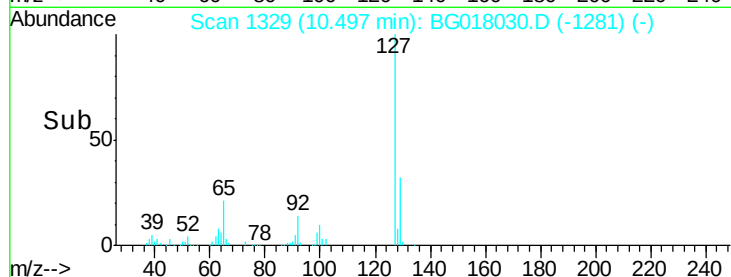
#33
4-Chloroaniline
Concen: 21.43 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Instrument :
BNA_G
ClientSampleId :
PB84537BS

Tgt Ion:	127	Resp:	101856
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.7	40.1
65	21.4	24.6	37.0
92	14.5	14.2	21.4

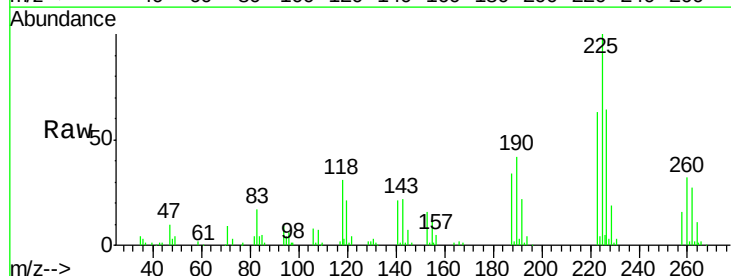


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

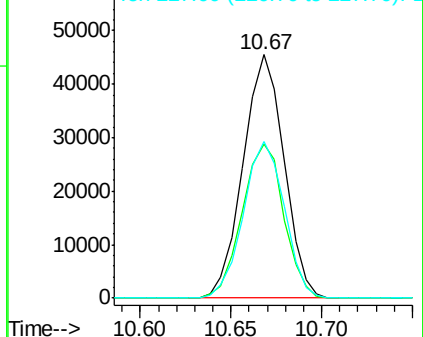
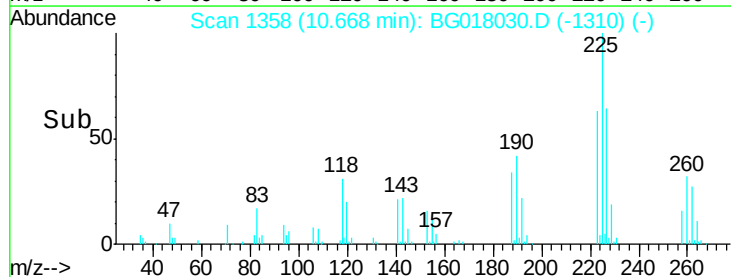


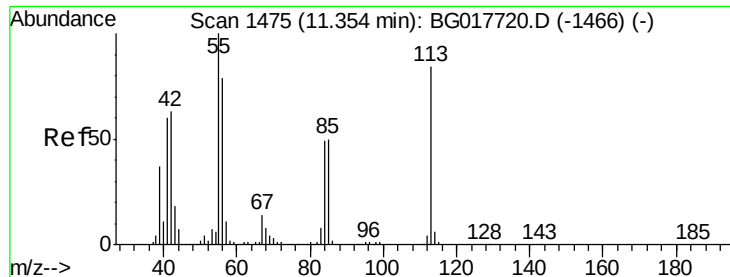
#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 10.67 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:	225	Resp:	71493
Ion	Ratio	Lower	Upper
225	100		
223	63.2	54.3	81.5
227	64.4	49.4	74.0



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





#35

Caprolactam

Concen: 60.58 ng

RT: 11.29 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

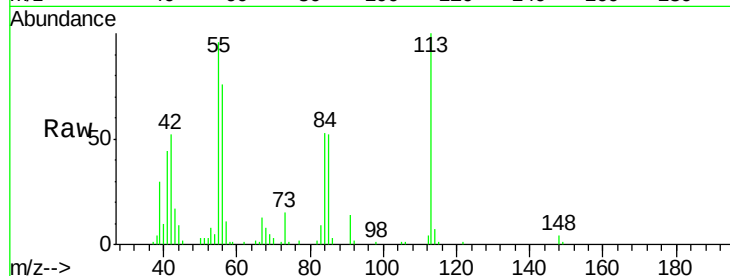
Tgt Ion:113 Resp: 85296

Ion Ratio Lower Upper

113 100

55 96.3 100.8 140.8#

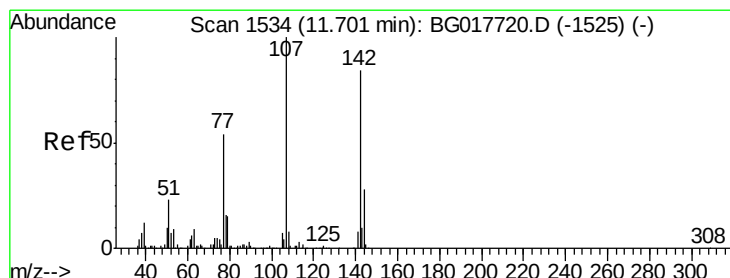
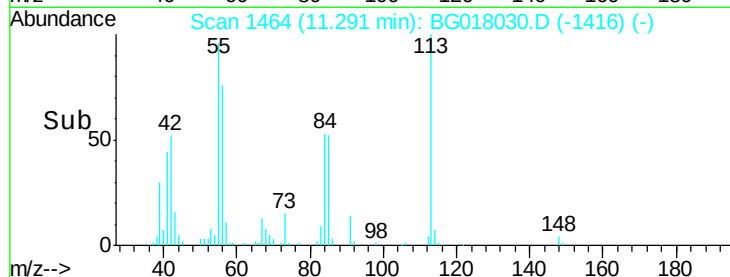
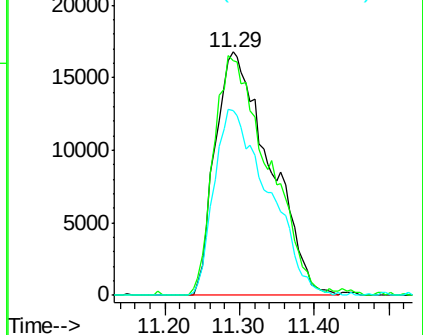
56 75.7 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.00 ng

RT: 11.64 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

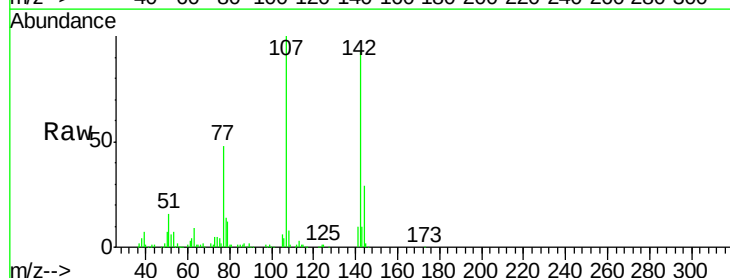
Tgt Ion:107 Resp: 147822

Ion Ratio Lower Upper

107 100

144 29.2 22.2 33.4

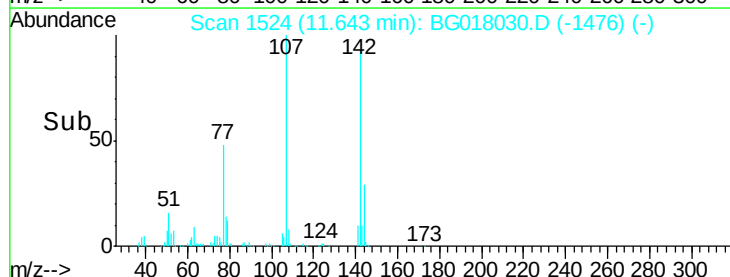
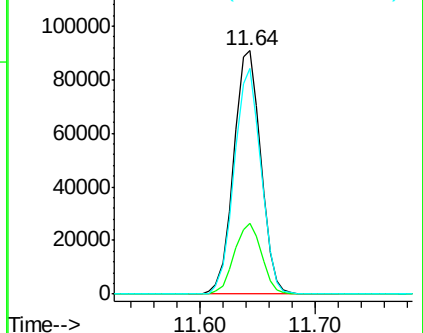
142 92.7 67.1 100.7

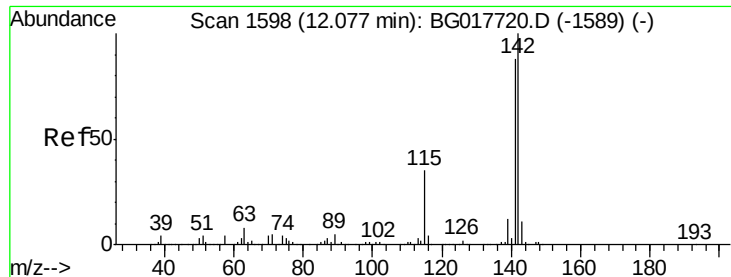


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

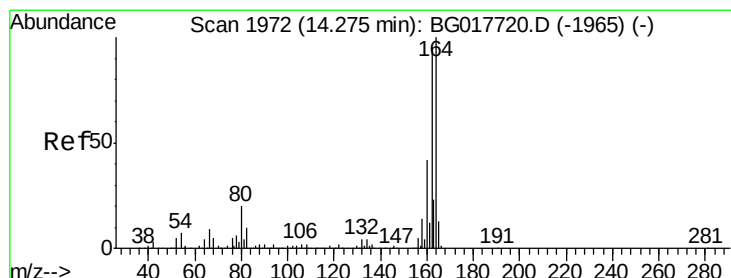
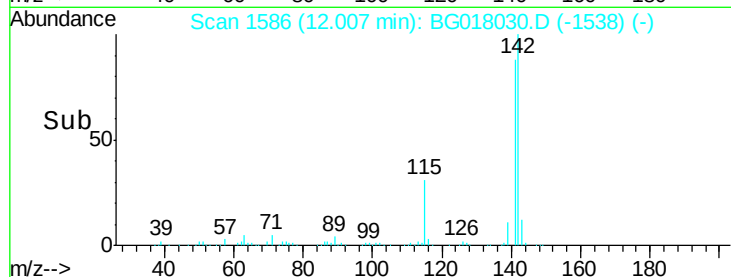
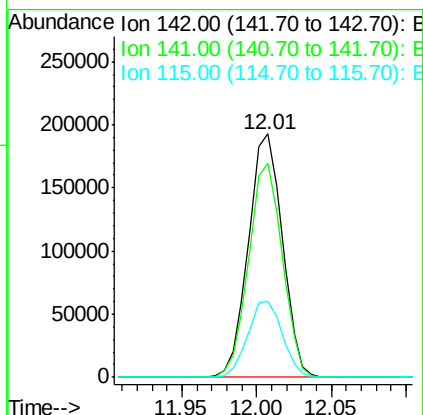
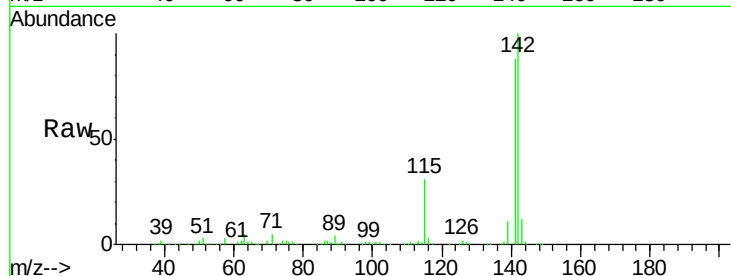




#37
2-Methylnaphthalene
Concen: 39.49 ng
RT: 12.01 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

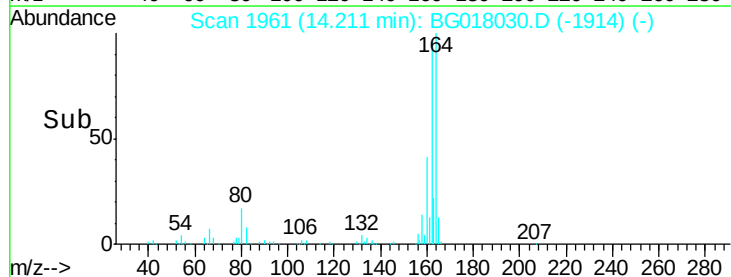
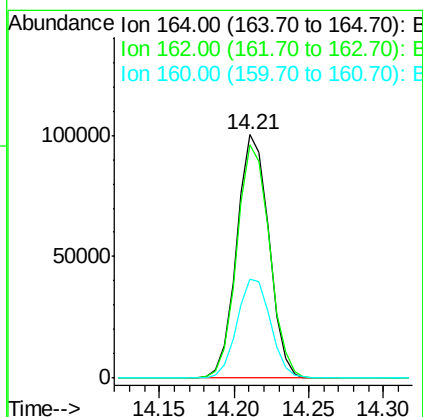
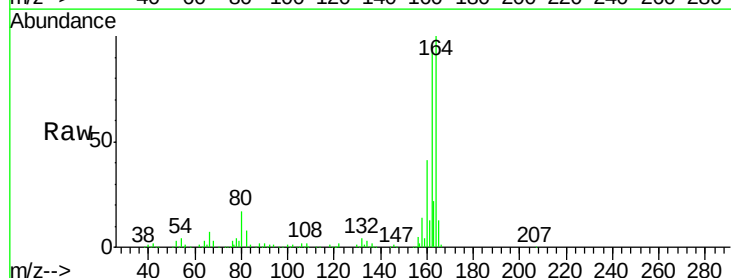
Instrument :
BNA_G
ClientSampleId :
PB84537BS

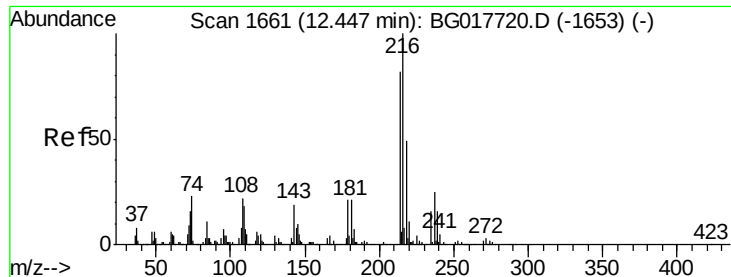
Tgt Ion:142 Resp: 302226
Ion Ratio Lower Upper
142 100
141 88.0 70.7 106.1
115 31.2 27.8 41.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:164 Resp: 149564
Ion Ratio Lower Upper
164 100
162 96.0 76.3 114.5
160 40.6 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.68 ng

RT: 12.38 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

Tgt Ion:216 Resp: 143031

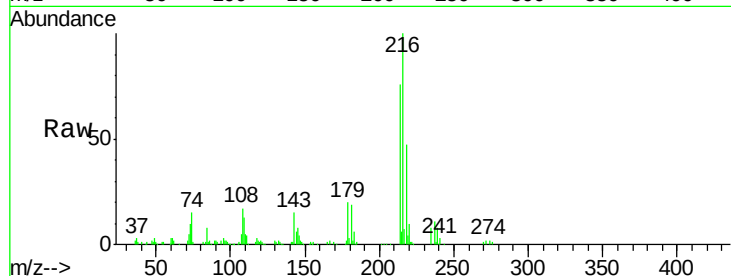
Ion Ratio Lower Upper

216 100

214 78.9 64.5 96.7

179 20.2 16.7 25.1

108 19.7 18.6 27.8

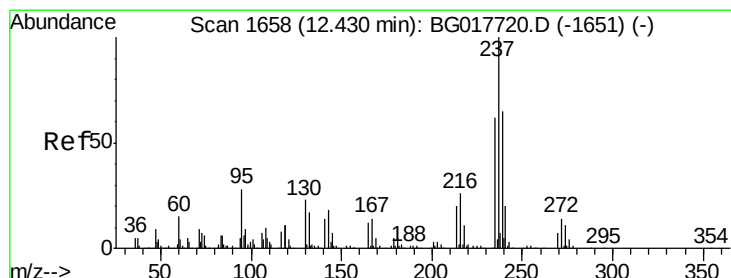
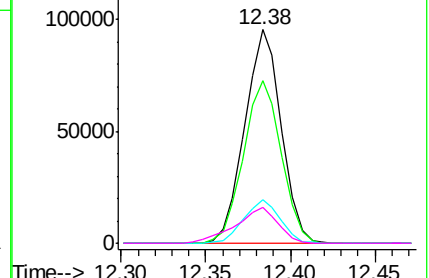
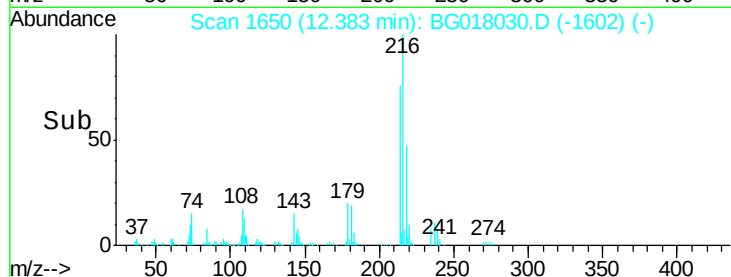


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.76 ng

RT: 12.36 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

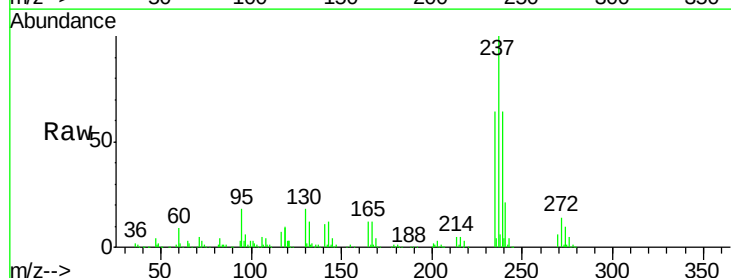
Tgt Ion:237 Resp: 178749

Ion Ratio Lower Upper

237 100

235 63.8 42.2 82.2

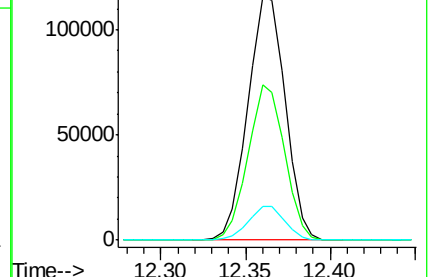
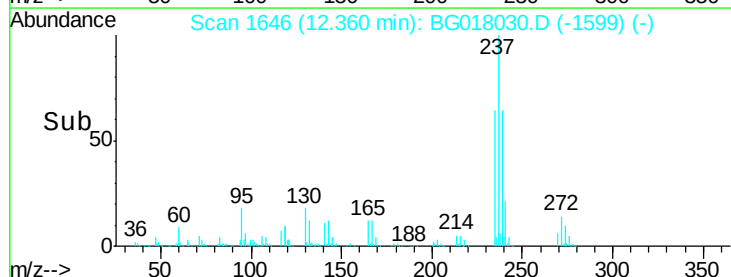
272 14.1 0.0 33.9

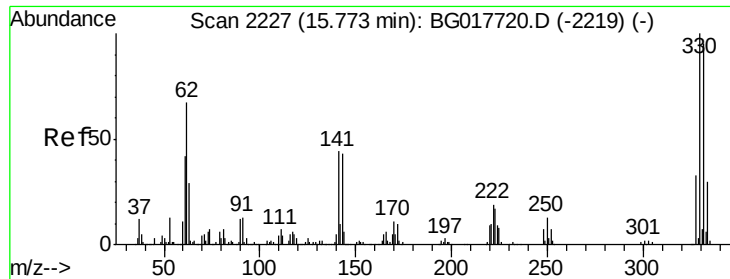


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 169.66 ng

RT: 15.71 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

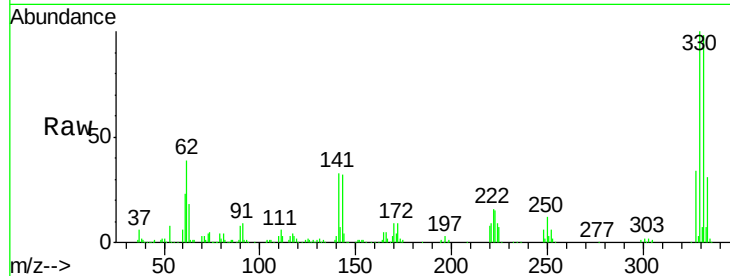
Tgt Ion:330 Resp: 257088

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

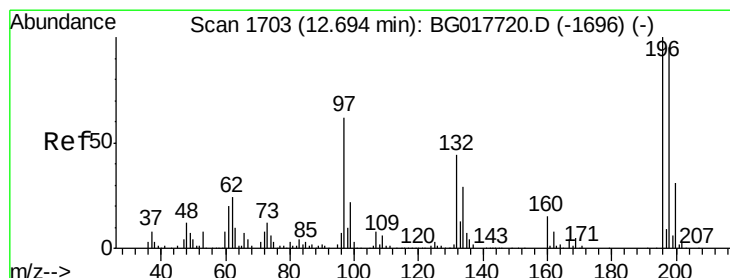
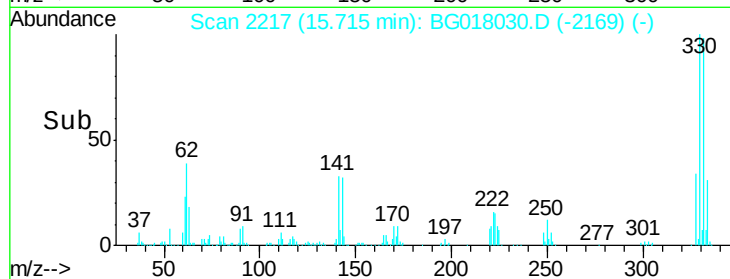
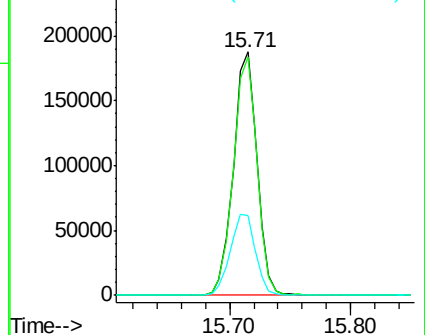
141 35.2 38.0 57.0#



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: 43.77 ng

RT: 12.63 min Scan# 1692

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

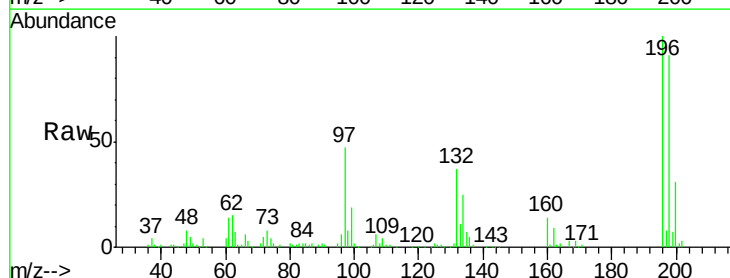
Tgt Ion:196 Resp: 114122

Ion Ratio Lower Upper

196 100

198 91.2 76.2 114.4

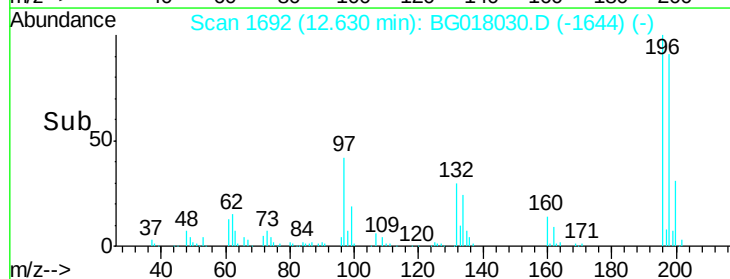
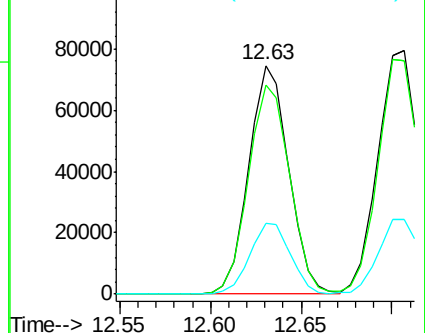
200 31.1 24.6 36.8

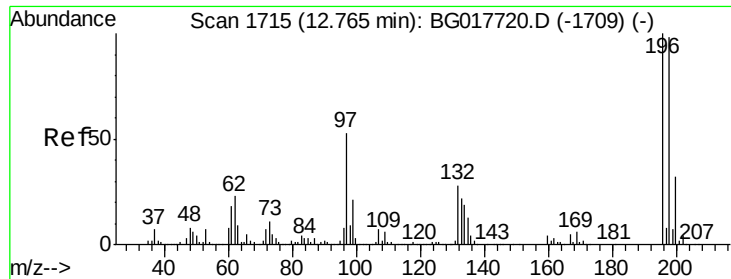


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

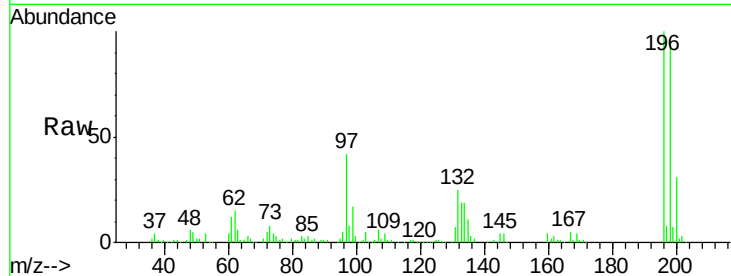




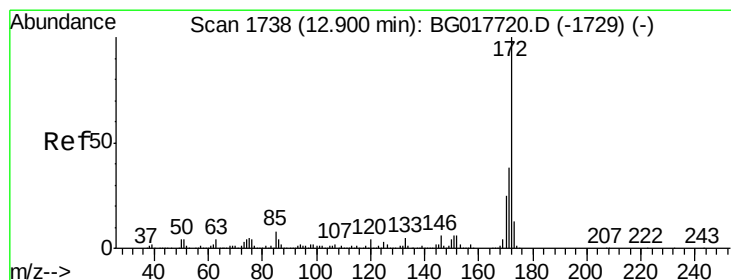
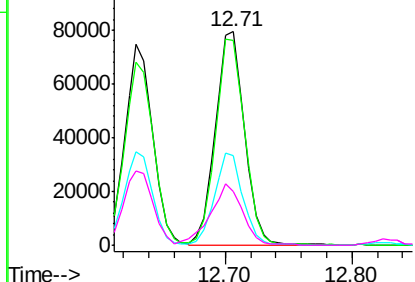
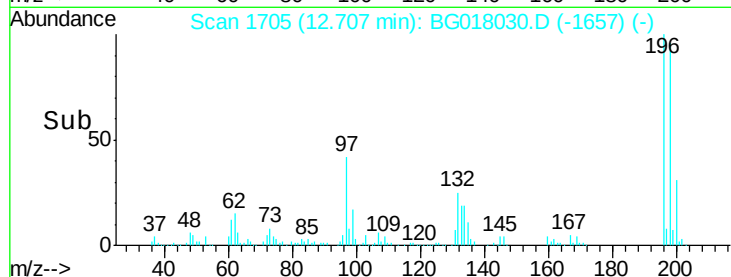
#43
 2,4,5-Trichlorophenol
 Concen: 46.55 ng
 RT: 12.71 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Tgt Ion:	196	Resp:	126208
Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.1	117.1
97	42.0	42.6	64.0#
132	25.2	22.6	33.8

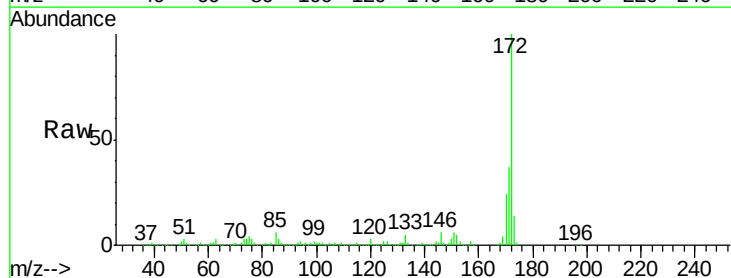


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

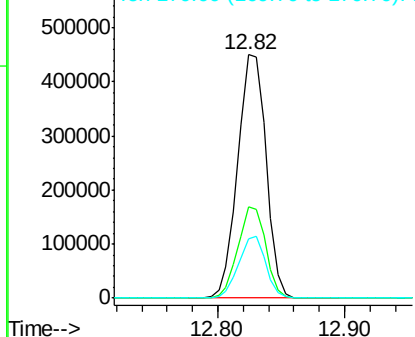
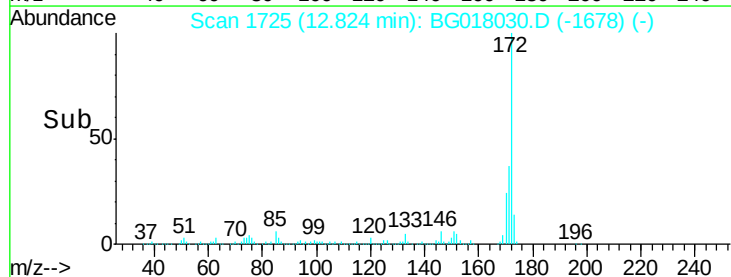


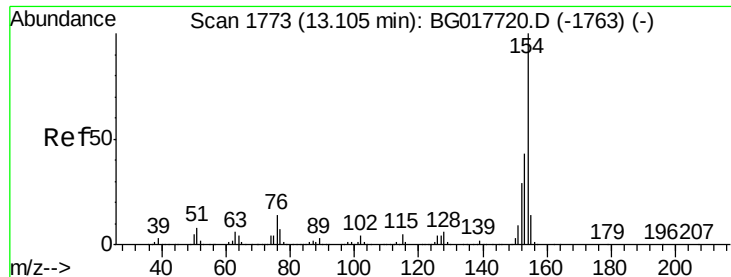
#44
 2-Fluorobiphenyl
 Concen: 80.97 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion:	172	Resp:	698815
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.7	46.1
170	24.3	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

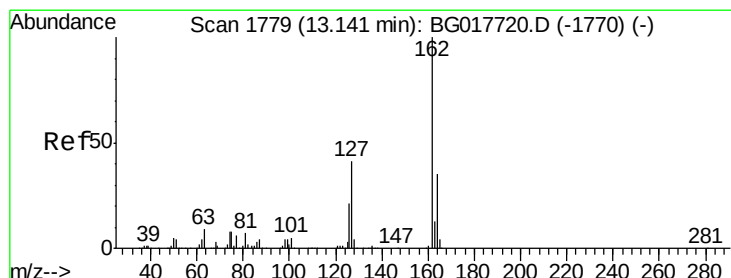
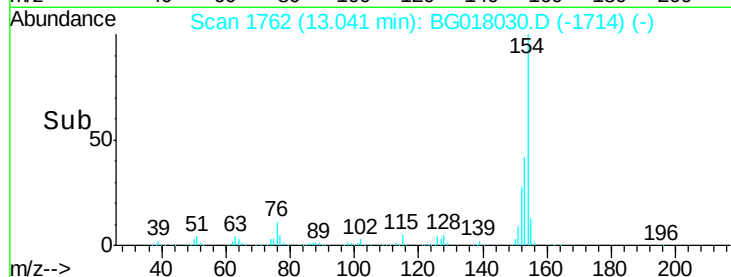
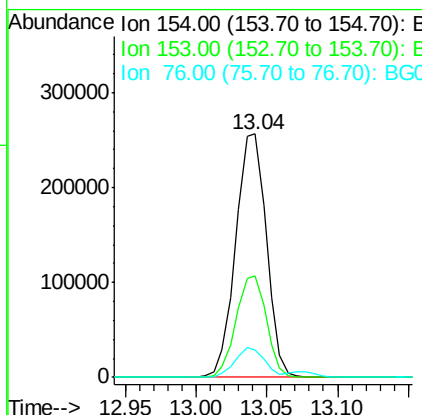
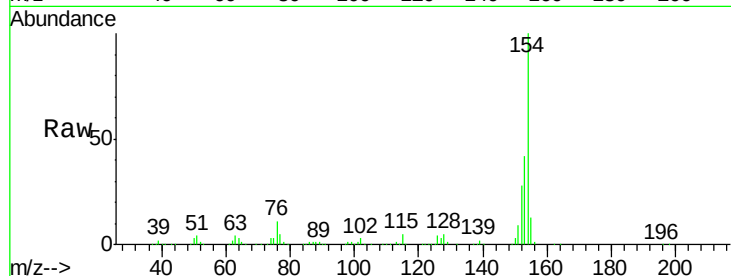




#45
 1,1'-Biphenyl
 Concen: 37.11 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

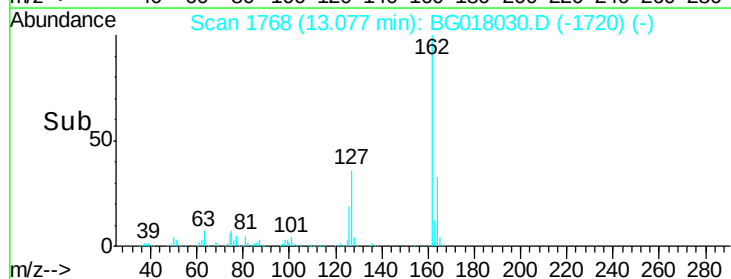
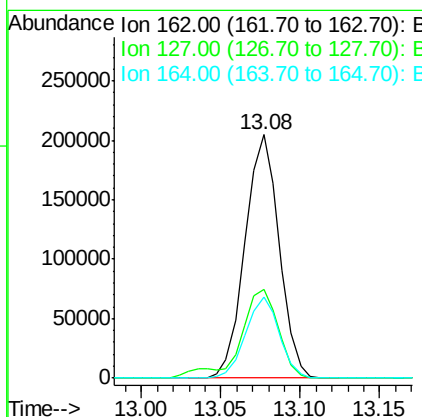
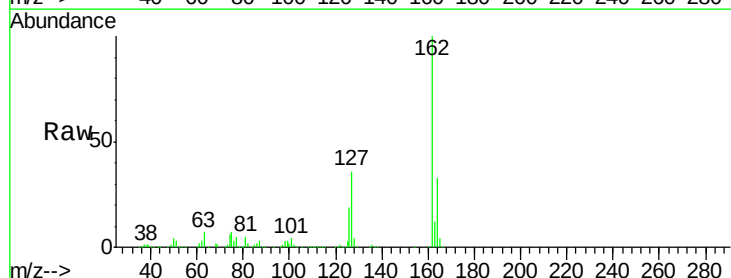
Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

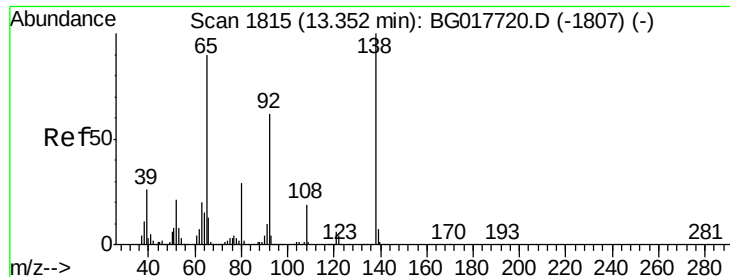
Tgt Ion:154 Resp: 388548
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.5 63.5
 76 11.3 0.0 33.7



#46
 2-Chloronaphthalene
 Concen: 35.99 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion:162 Resp: 305413
 Ion Ratio Lower Upper
 162 100
 127 36.5 33.2 49.8
 164 33.3 27.7 41.5





#47

2-Nitroaniline

Concen: 39.39 ng

RT: 13.29 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

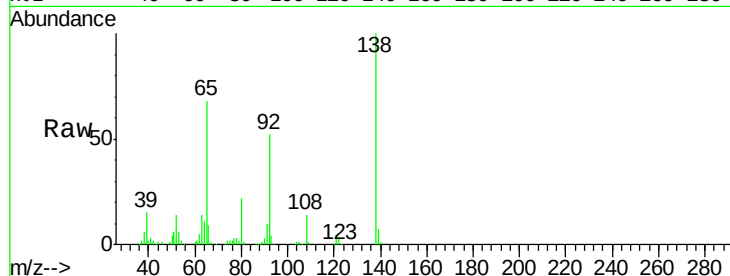
Tgt Ion: 65 Resp: 89756

Ion Ratio Lower Upper

65 100

92 76.9 55.4 83.2

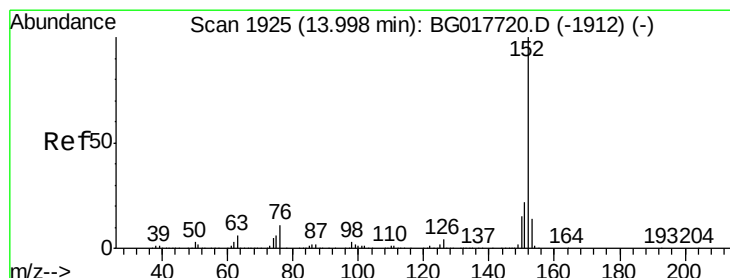
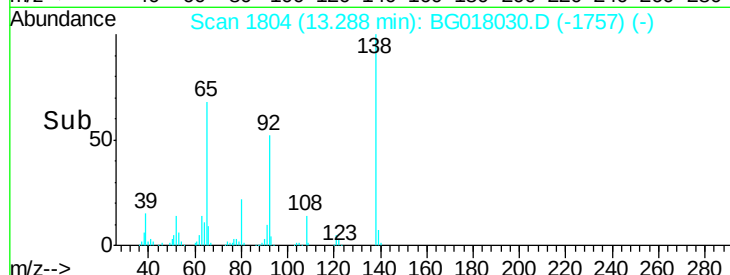
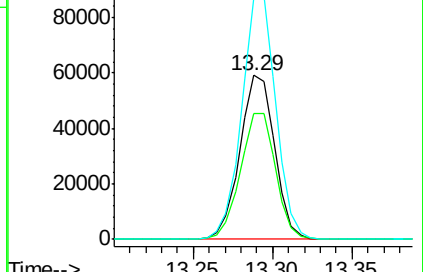
138 147.2 89.1 133.7#



Abundance Ion 65.00 (64.70 to 65.70): BG017720.D (-1807) (-)

Ion 92.00 (91.70 to 92.70): BG017720.D (-1807) (-)

Ion 138.00 (137.70 to 138.70): BG017720.D (-1807) (-)



#48

Acenaphthylene

Concen: 37.99 ng

RT: 13.93 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

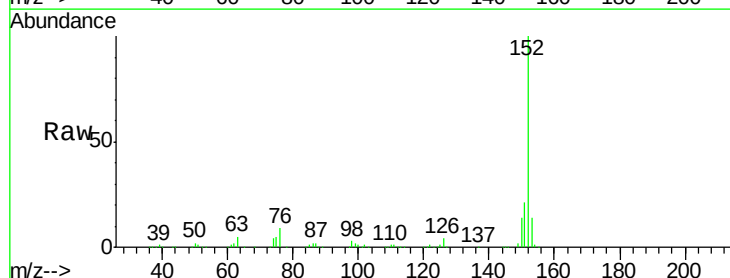
Tgt Ion: 152 Resp: 537596

Ion Ratio Lower Upper

152 100

151 21.0 17.4 26.2

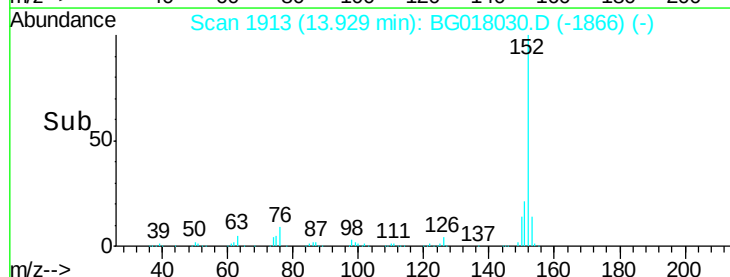
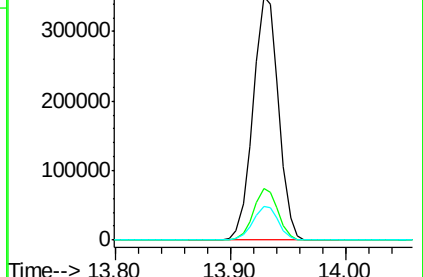
153 13.7 11.0 16.6

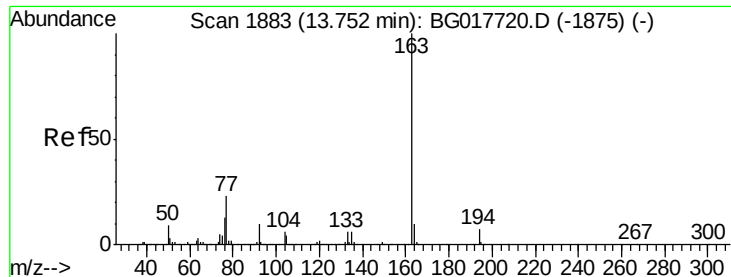


Abundance Ion 152.00 (151.70 to 152.70): BG017720.D (-1912) (-)

Ion 151.00 (150.70 to 151.70): BG017720.D (-1912) (-)

Ion 153.00 (152.70 to 153.70): BG017720.D (-1912) (-)





#49

Dimethylphthalate

Concen: 43.81 ng

RT: 13.68 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

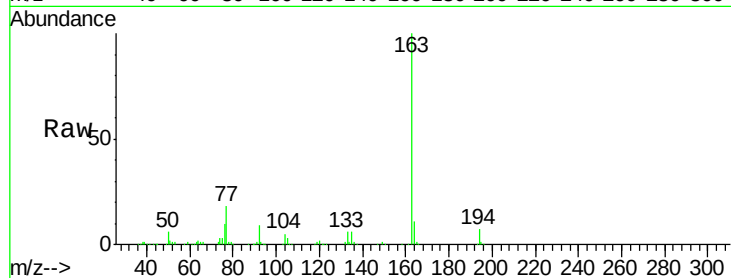
Tgt Ion:163 Resp: 455142

Ion Ratio Lower Upper

163 100

194 7.3 5.8 8.6

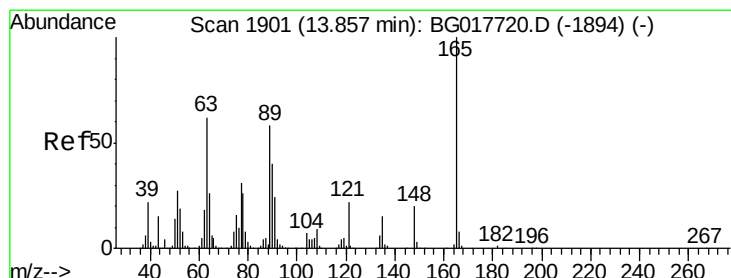
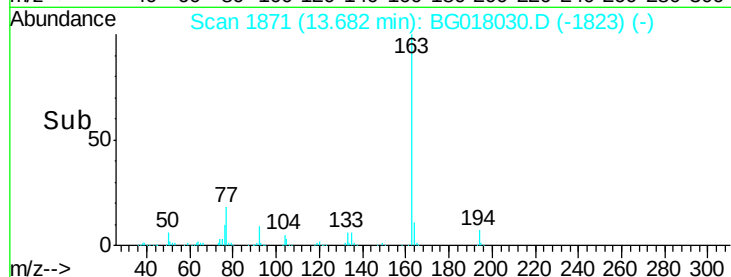
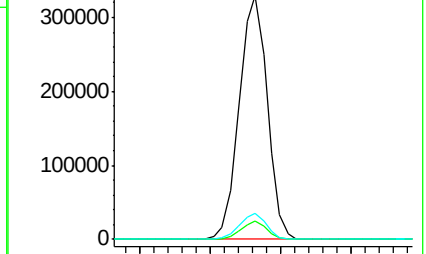
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.11 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

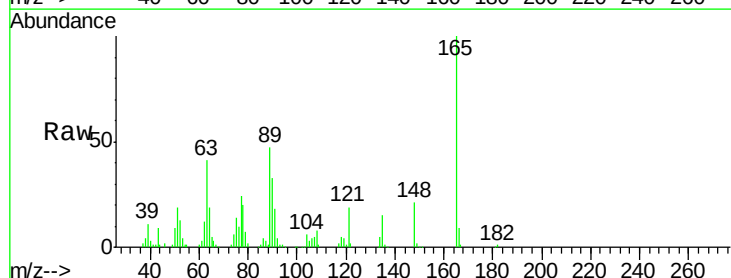
Tgt Ion:165 Resp: 106206

Ion Ratio Lower Upper

165 100

63 41.3 50.2 75.2#

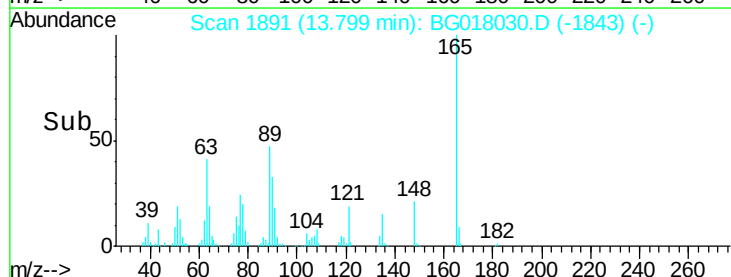
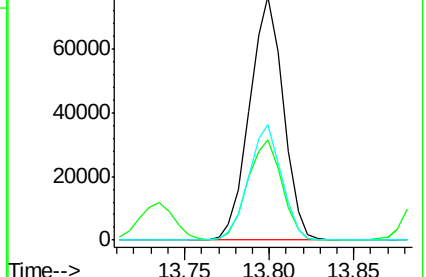
89 47.3 46.6 69.8

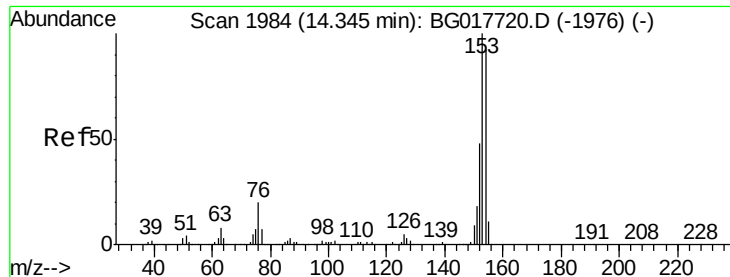


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.30 ng

RT: 14.28 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

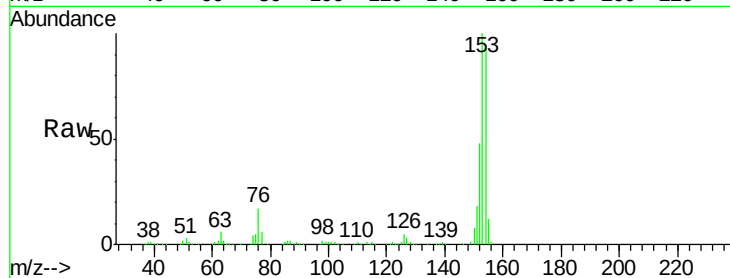
Tgt Ion:154 Resp: 319640

Ion Ratio Lower Upper

154 100

153 107.5 87.0 130.4

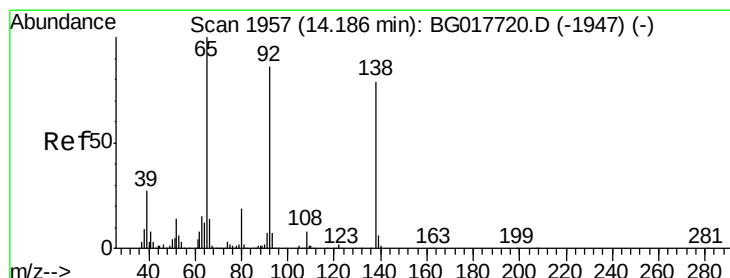
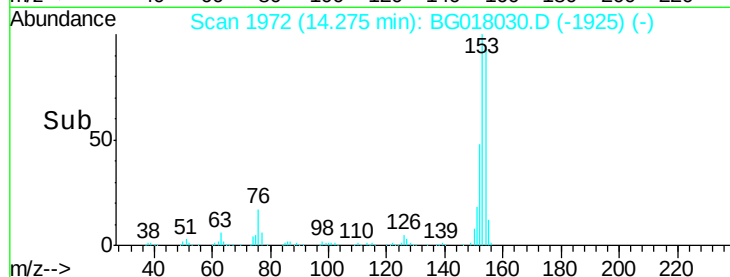
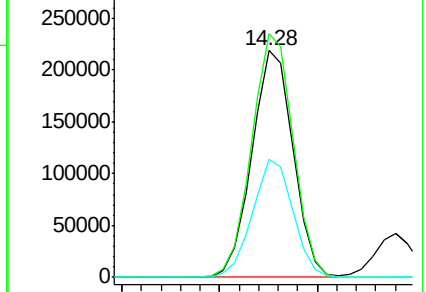
152 52.1 41.4 62.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.89 ng

RT: 14.13 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

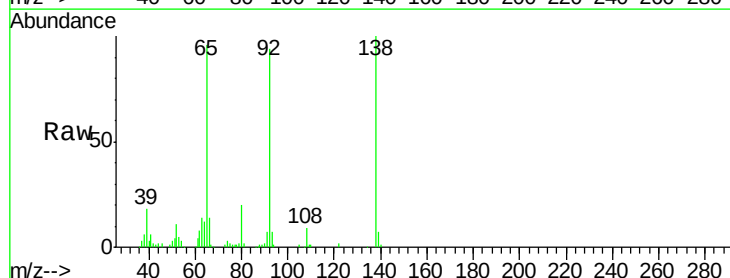
Tgt Ion:138 Resp: 71160

Ion Ratio Lower Upper

138 100

108 9.0 8.2 12.4

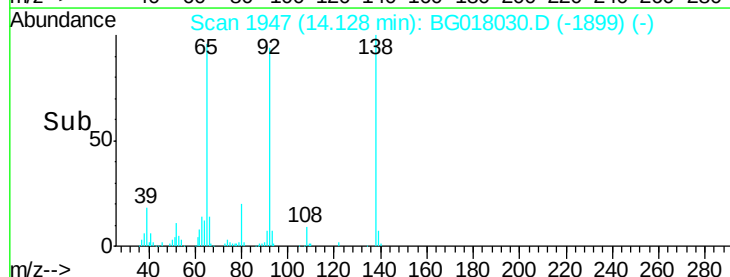
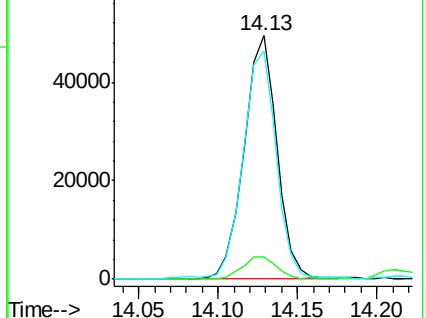
92 93.8 87.4 131.0

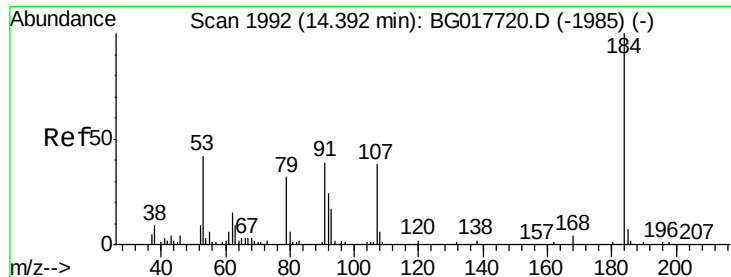


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

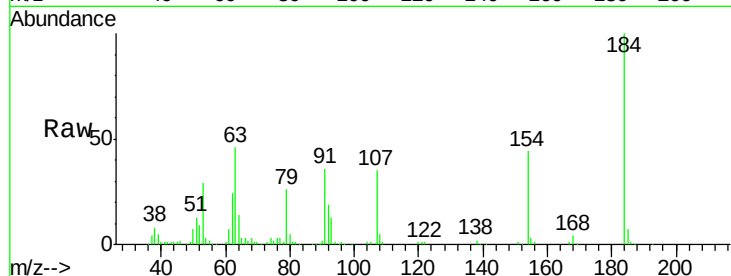




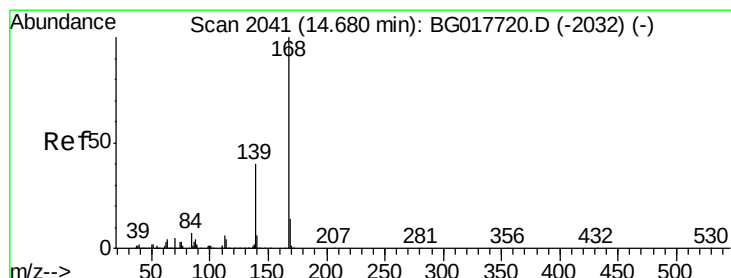
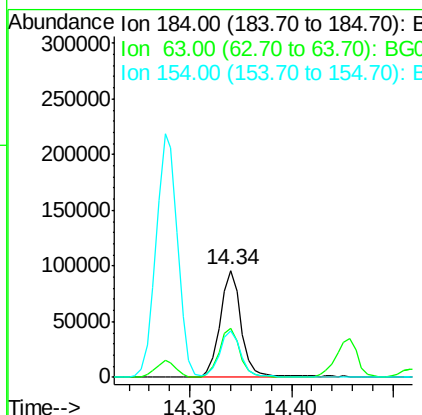
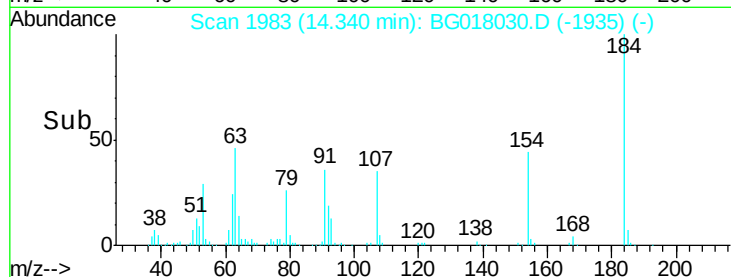
#53
2,4-Dinitrophenol
Concen: 93.10 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Instrument :
BNA_G
ClientSampleId :
PB84537BS

Tgt Ion:184 Resp: 140286
Ion Ratio Lower Upper
184 100
63 46.3 47.8 71.6#
154 43.5 39.3 58.9

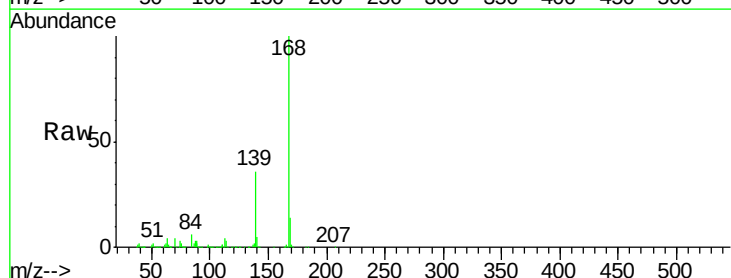


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

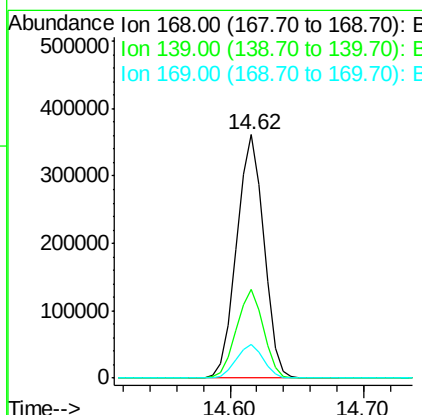
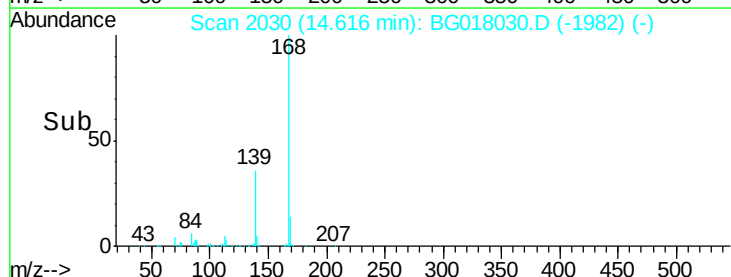


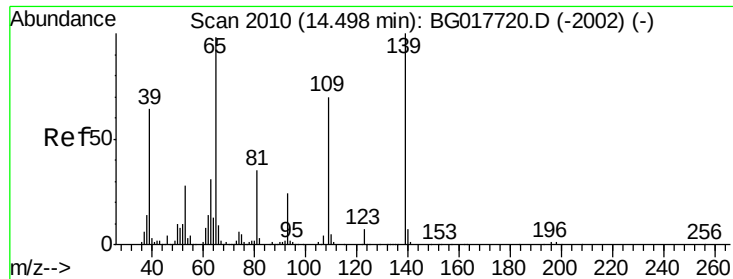
#54
Dibenzofuran
Concen: 41.23 ng
RT: 14.62 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:168 Resp: 509831
Ion Ratio Lower Upper
168 100
139 36.2 32.2 48.2
169 13.6 11.3 16.9



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

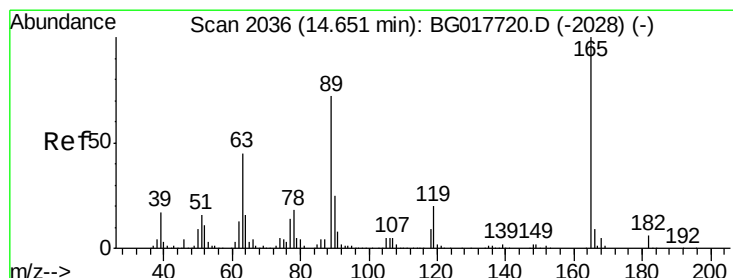
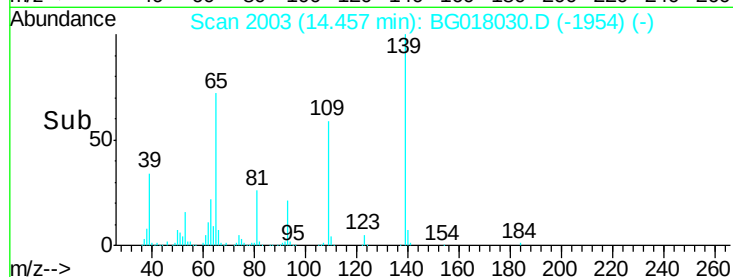
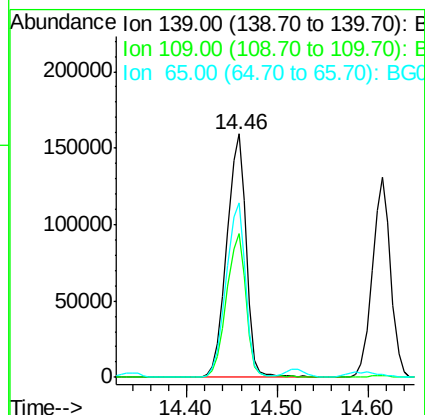
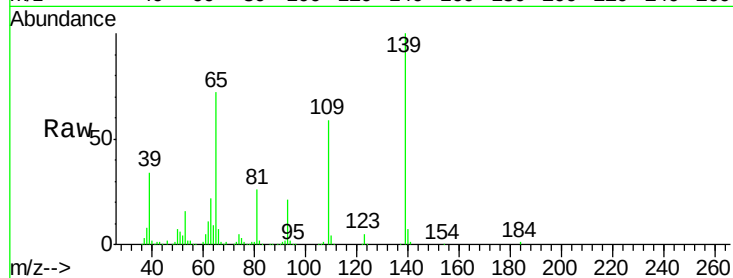




#55
4-Nitrophenol
Concen: 113.08 ng
RT: 14.46 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

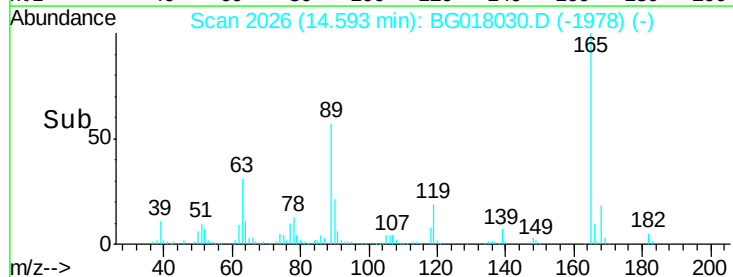
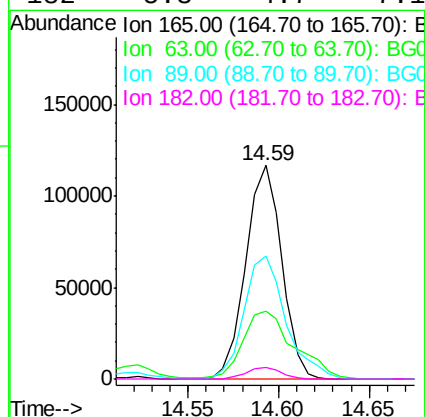
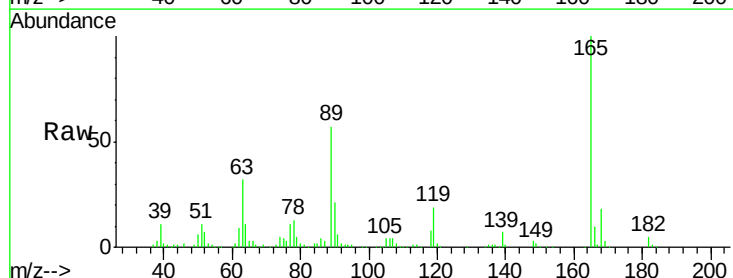
Instrument :
BNA_G
ClientSampleId :
PB84537BS

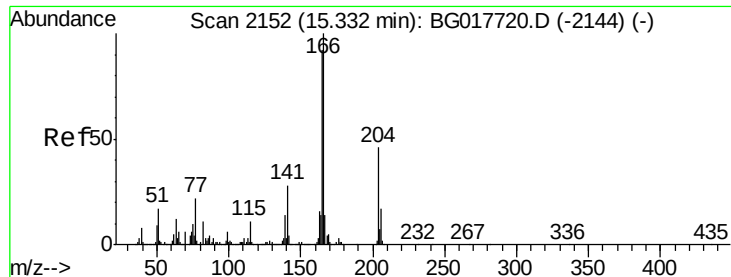
Tgt Ion:139 Resp: 236761
Ion Ratio Lower Upper
139 100
109 59.2 50.3 90.3
65 71.8 78.8 118.8#



#56
2,4-Dinitrotoluene
Concen: 50.91 ng
RT: 14.59 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:165 Resp: 160748
Ion Ratio Lower Upper
165 100
63 32.1 36.2 54.4#
89 57.5 57.9 86.9#
182 5.3 4.7 7.1

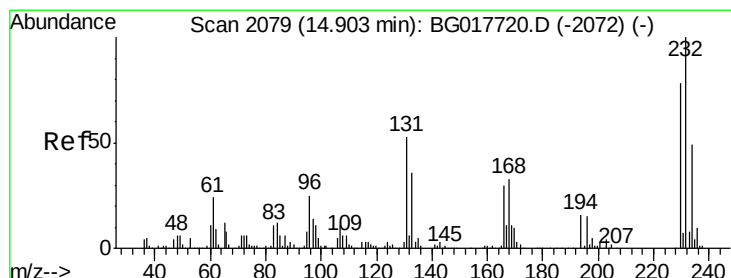
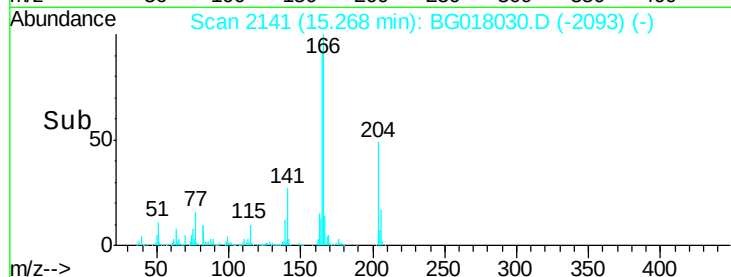
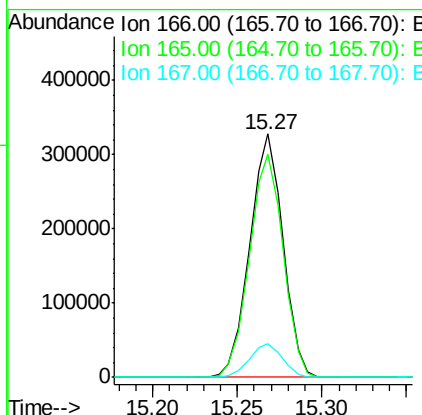
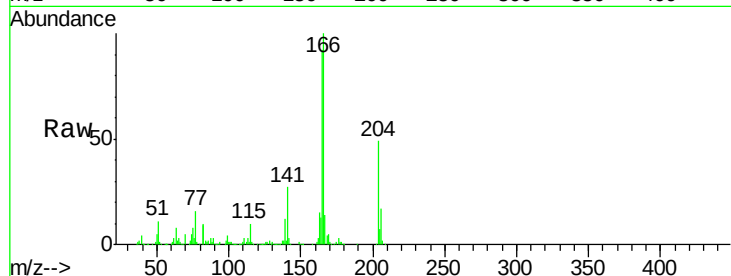




#57
 Fluorene
 Concen: 42.15 ng
 RT: 15.27 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

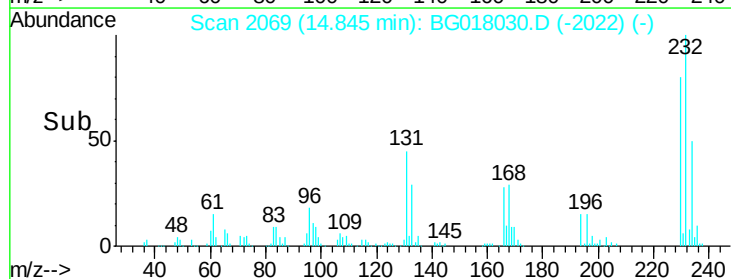
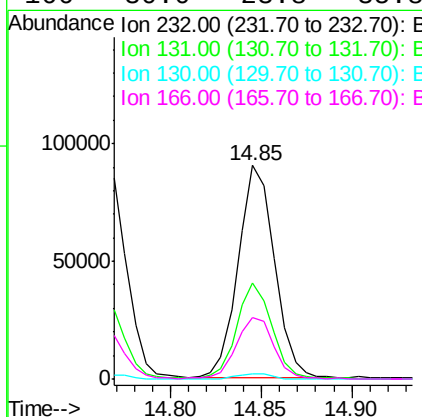
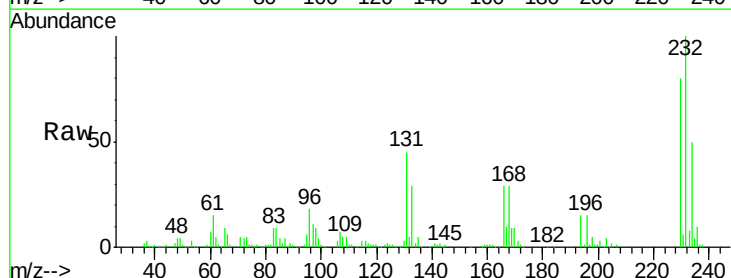
Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

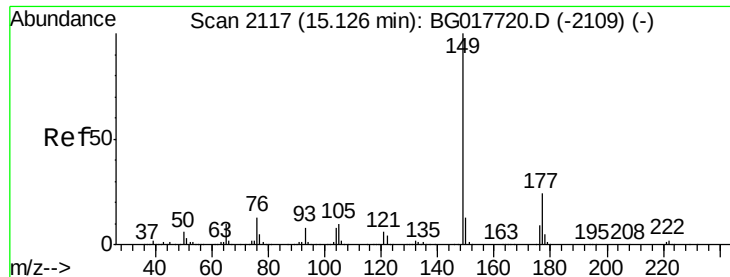
Tgt Ion:166 Resp: 448025
 Ion Ratio Lower Upper
 166 100
 165 91.8 73.4 110.0
 167 14.0 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.90 ng
 RT: 14.85 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion:232 Resp: 125967
 Ion Ratio Lower Upper
 232 100
 131 44.5 40.8 61.2
 130 2.6 2.4 3.6
 166 30.0 23.8 35.8

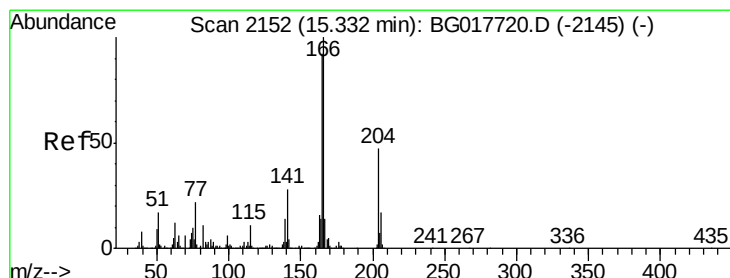
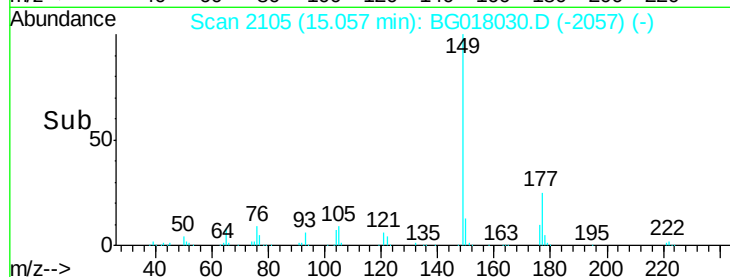
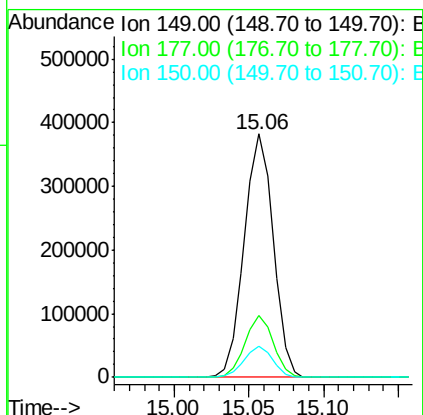
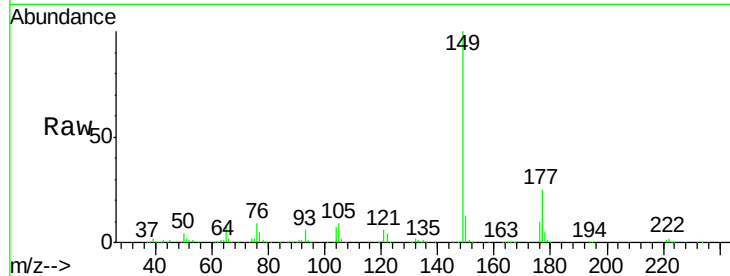




#59
Diethylphthalate
Concen: 47.79 ng
RT: 15.06 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

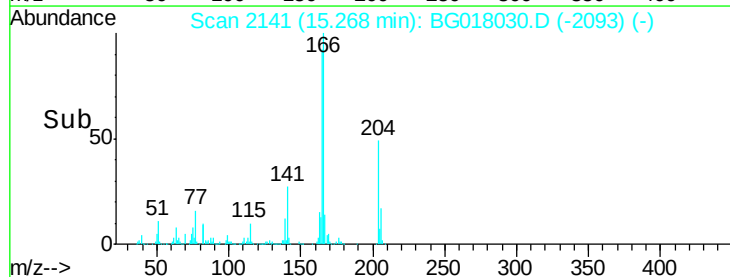
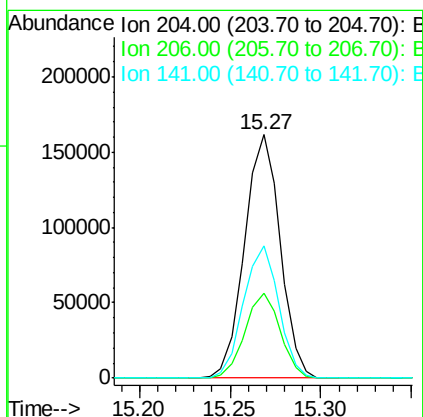
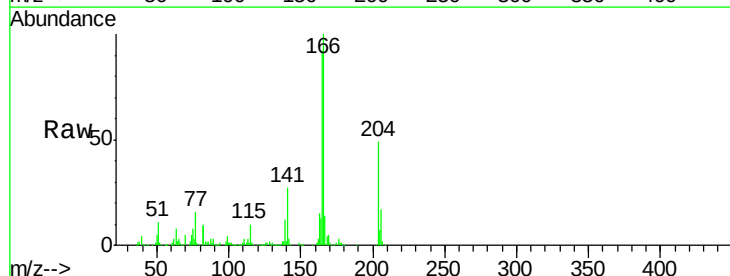
Instrument :
BNA_G
ClientSampleId :
PB84537BS

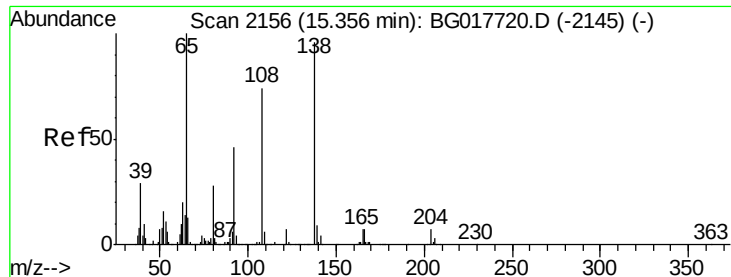
Tgt Ion:149 Resp: 514292
Ion Ratio Lower Upper
149 100
177 25.3 19.1 28.7
150 12.9 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 42.28 ng
RT: 15.27 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:204 Resp: 220322
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 54.5 49.0 73.4





#61

4-Nitroaniline

Concen: 48.84 ng

RT: 15.30 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

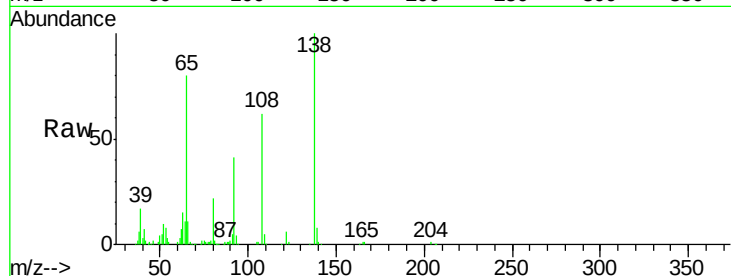
Tgt Ion:138 Resp: 151442

Ion Ratio Lower Upper

138 100

92 41.5 27.7 67.7

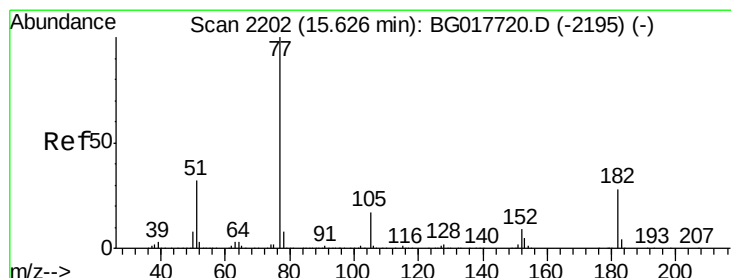
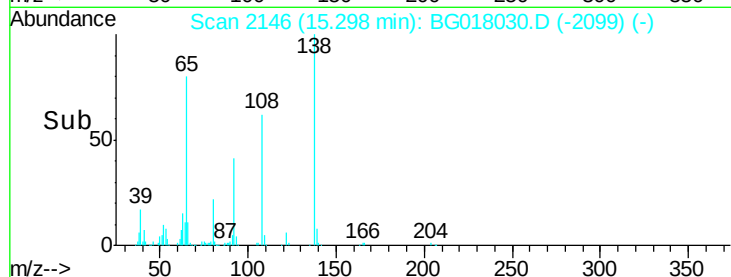
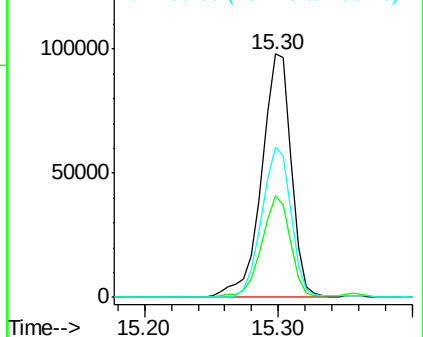
108 61.5 57.8 97.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.62 ng

RT: 15.56 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Tgt Ion: 77 Resp: 374069

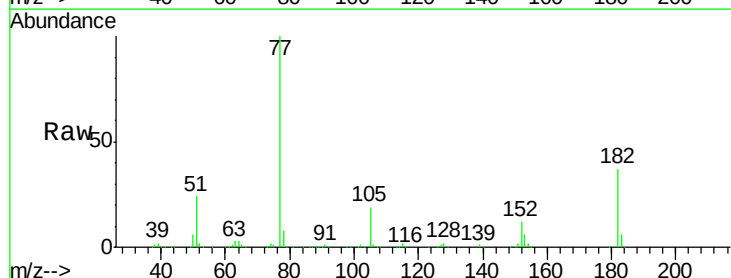
Ion Ratio Lower Upper

77 100

182 37.2 8.2 48.2

105 19.2 0.0 36.6

51 23.7 11.7 51.7

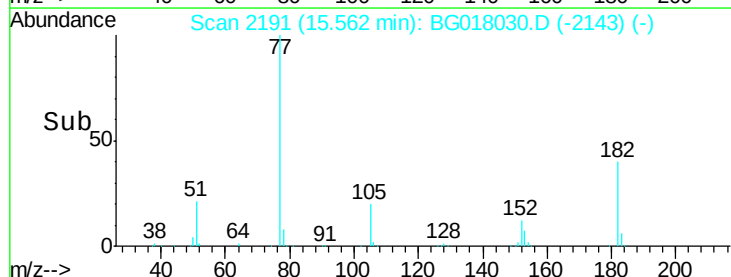
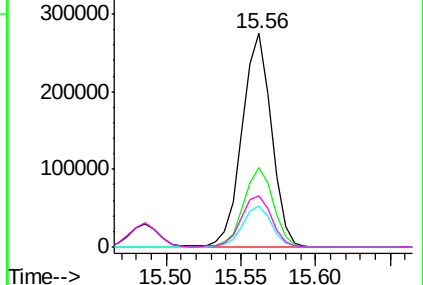


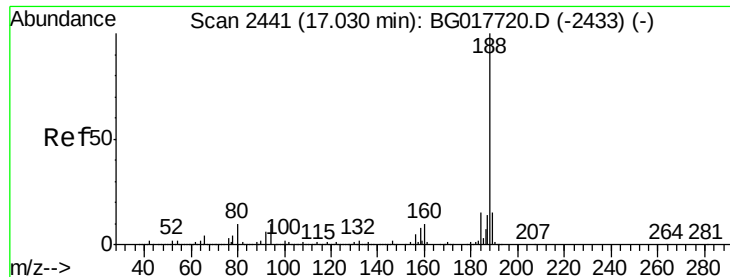
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

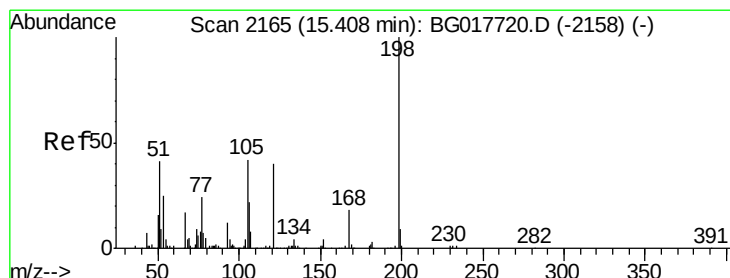
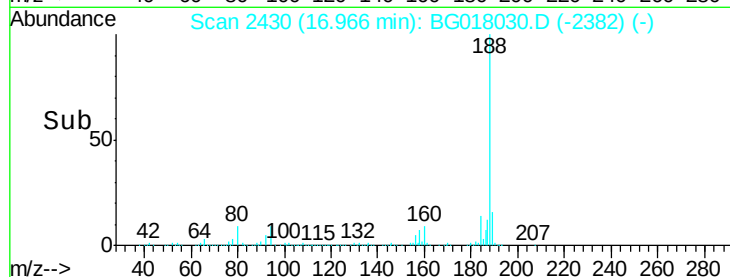
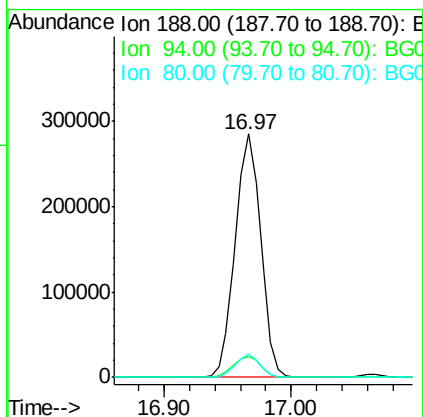
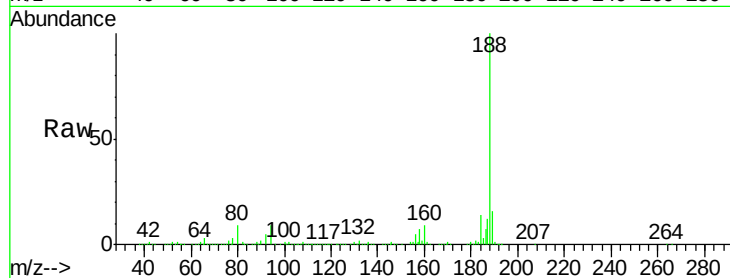




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

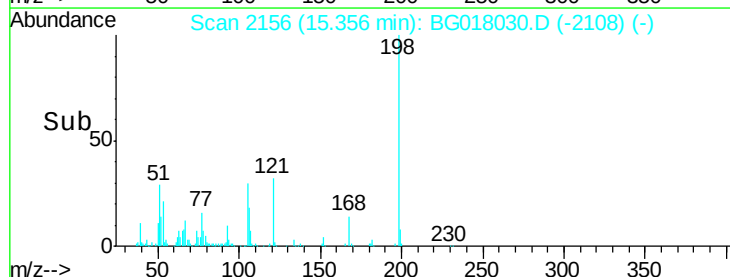
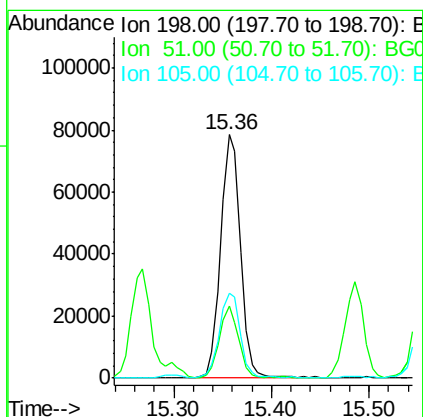
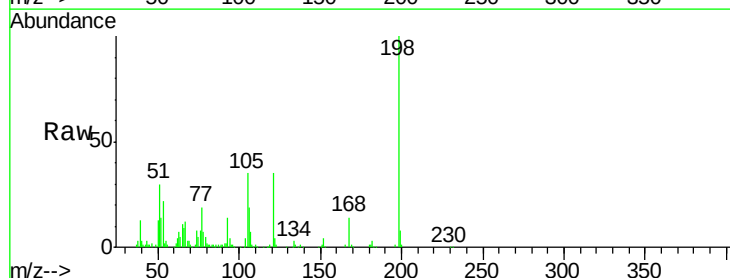
Instrument :
BNA_G
ClientSampleId :
PB84537BS

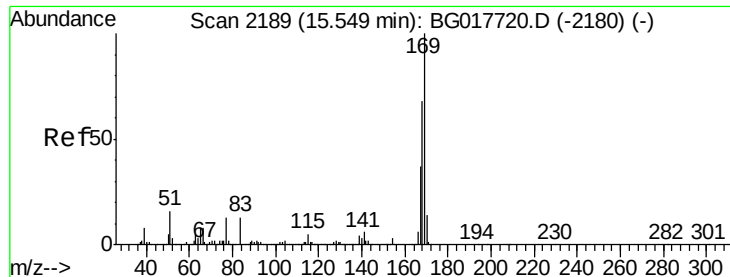
Tgt Ion:188 Resp: 397584
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.4 8.2 12.4



#64
4,6-Dinitro-2-methylphenol
Concen: 51.19 ng
RT: 15.36 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:198 Resp: 111175
Ion Ratio Lower Upper
198 100
51 29.7 27.0 67.0
105 34.9 23.3 63.3

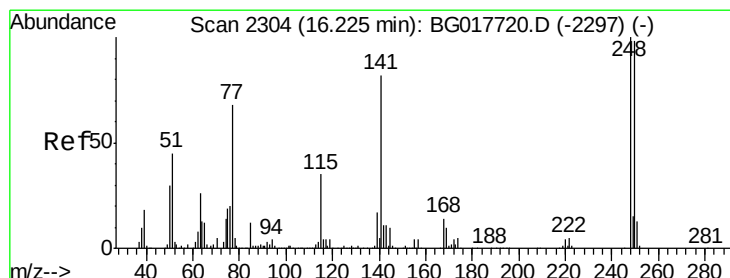
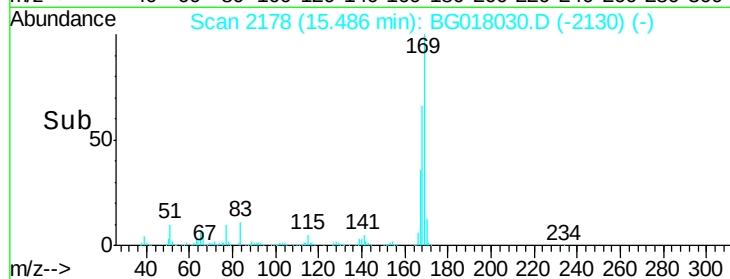
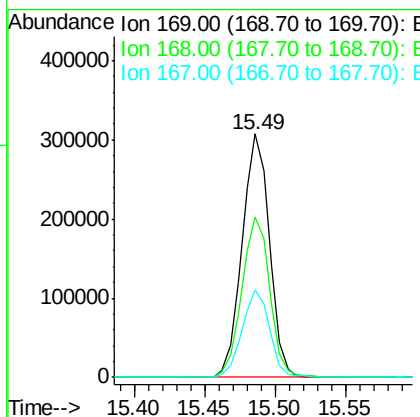
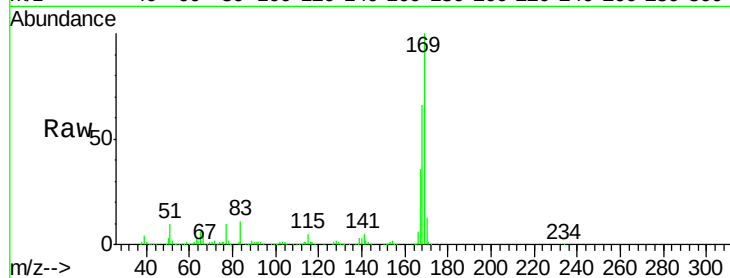




#65
n-Nitrosodiphenylamine
Concen: 34.72 ng
RT: 15.49 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

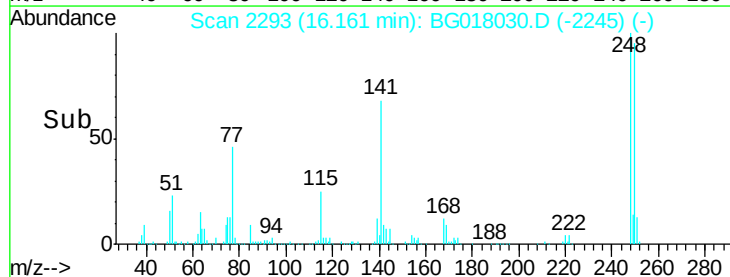
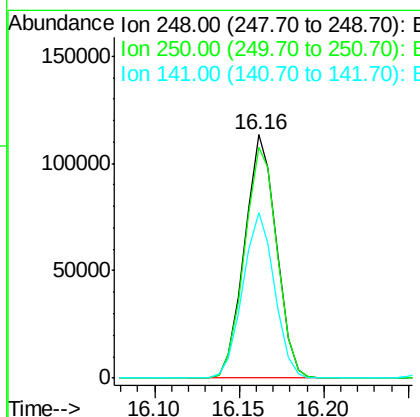
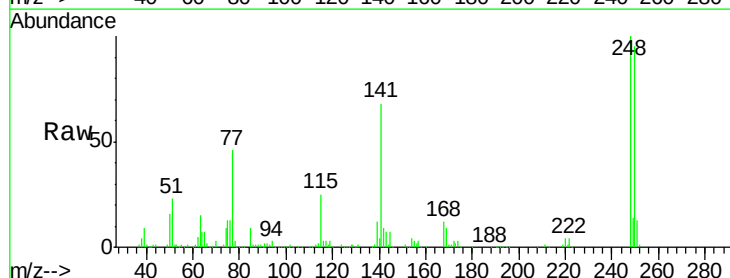
Instrument :
BNA_G
ClientSampleId :
PB84537BS

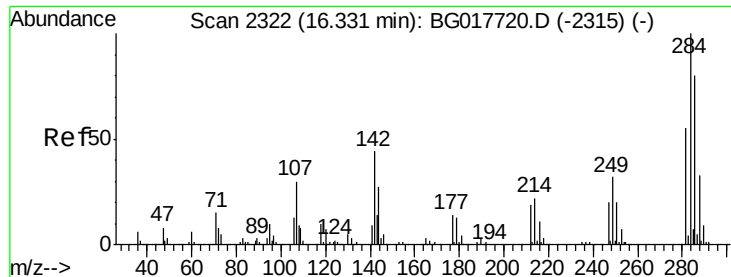
Tgt Ion:169 Resp: 415123
Ion Ratio Lower Upper
169 100
168 66.0 54.1 81.1
167 36.0 29.4 44.2



#66
4-Bromophenyl-phenylether
Concen: 37.22 ng
RT: 16.16 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:248 Resp: 148266
Ion Ratio Lower Upper
248 100
250 94.8 78.0 117.0
141 67.8 65.7 98.5





#67

Hexachlorobenzene

Concen: 36.14 ng

RT: 16.27 min Scan# 2312

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

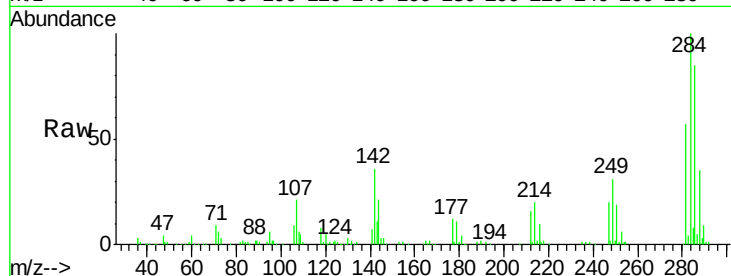
Tgt Ion:284 Resp: 159815

Ion Ratio Lower Upper

284 100

142 36.2 35.2 52.8

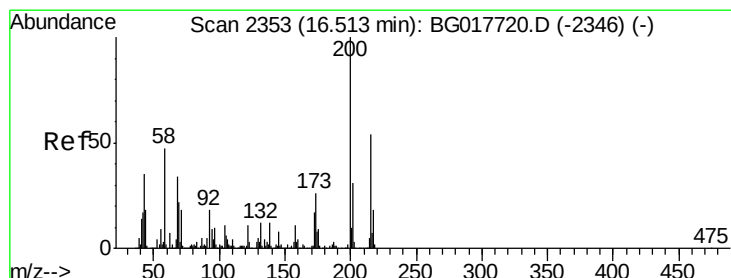
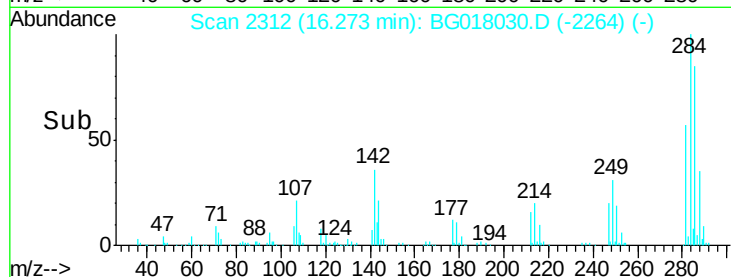
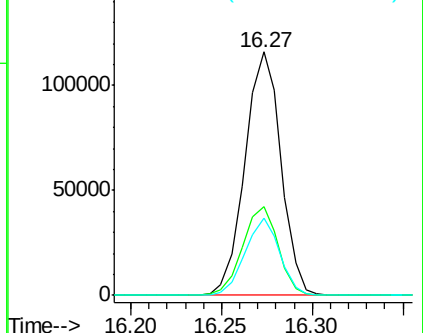
249 31.5 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.07 ng

RT: 16.45 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

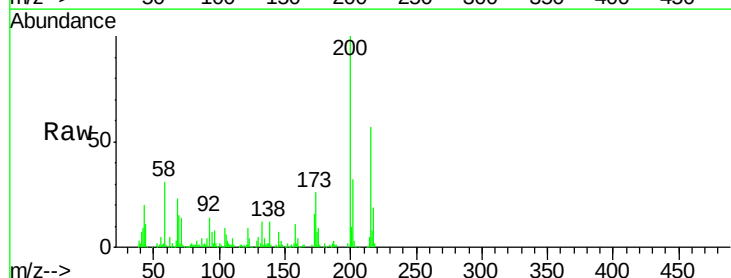
Tgt Ion:200 Resp: 173062

Ion Ratio Lower Upper

200 100

173 25.7 5.6 45.6

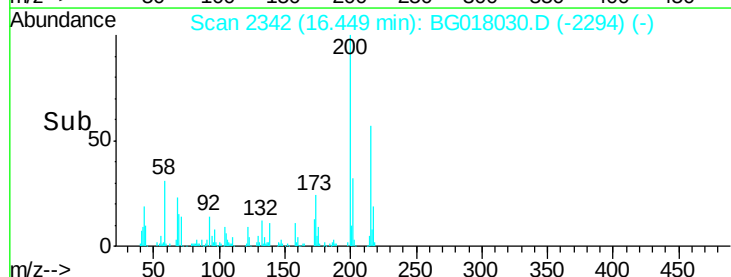
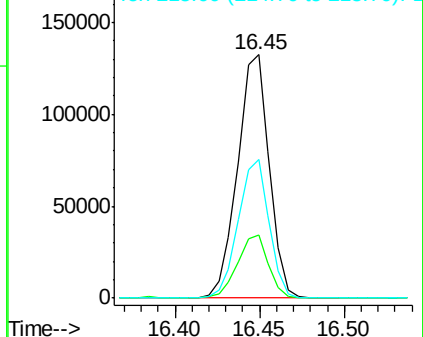
215 57.0 34.1 74.1

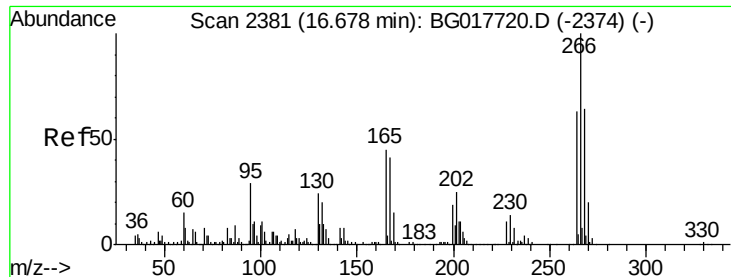


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

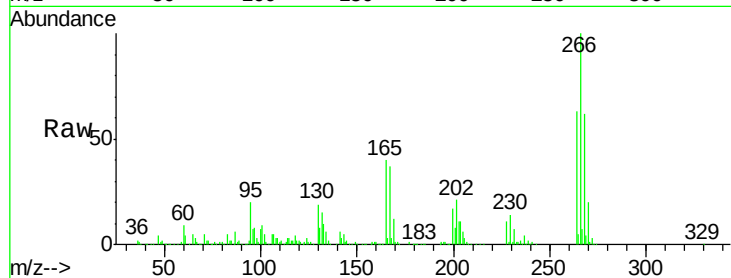




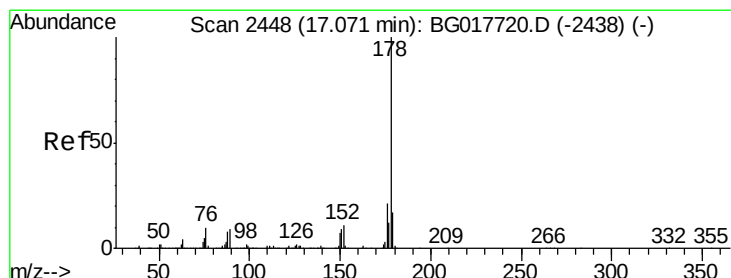
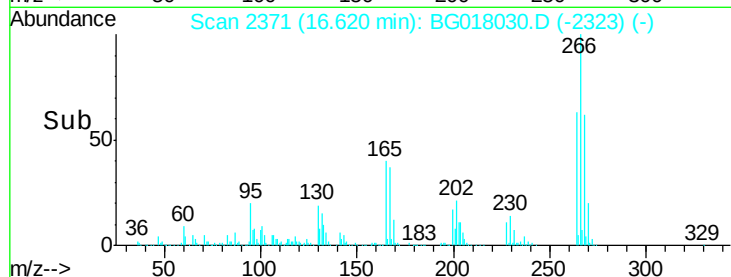
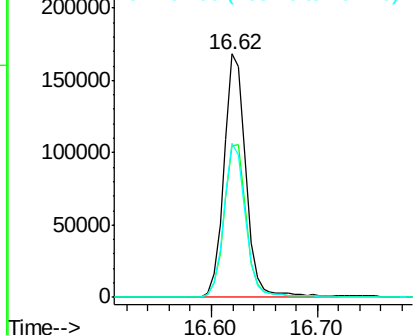
#69
 Pentachlorophenol
 Concen: 81.88 ng
 RT: 16.62 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Tgt Ion:266 Resp: 242273
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.0 76.6
 264 63.3 50.7 76.1

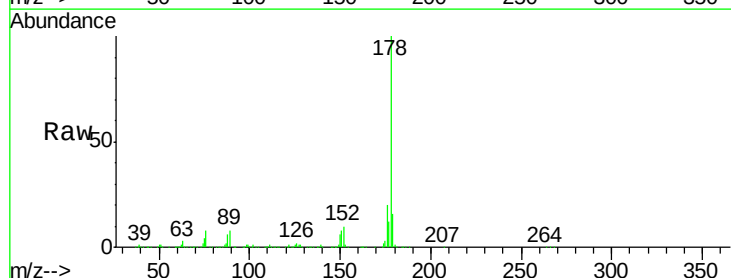


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

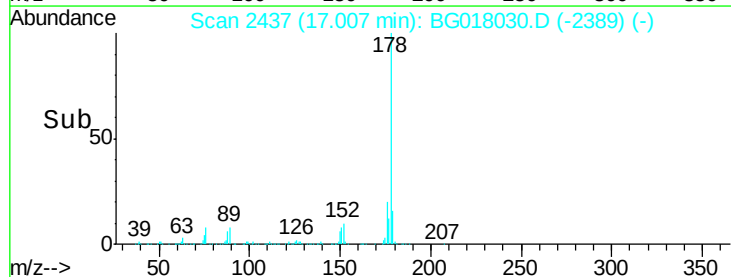
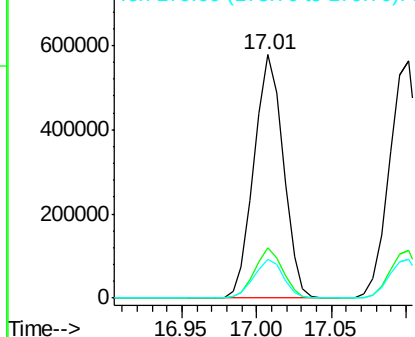


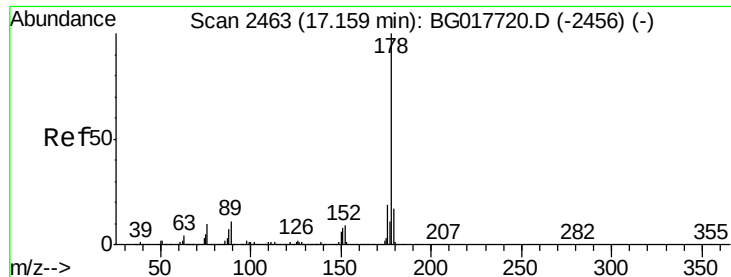
#70
 Phenanthrene
 Concen: 38.26 ng
 RT: 17.01 min Scan# 2437
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion:178 Resp: 784634
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.0 13.5 20.3



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

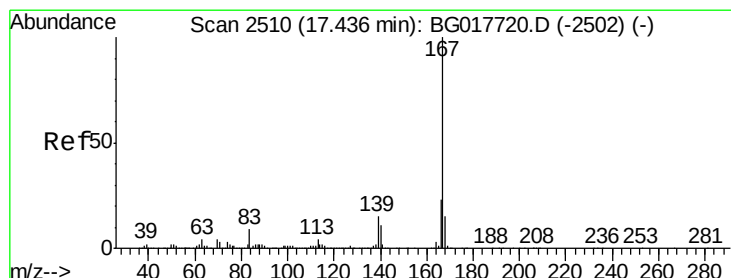
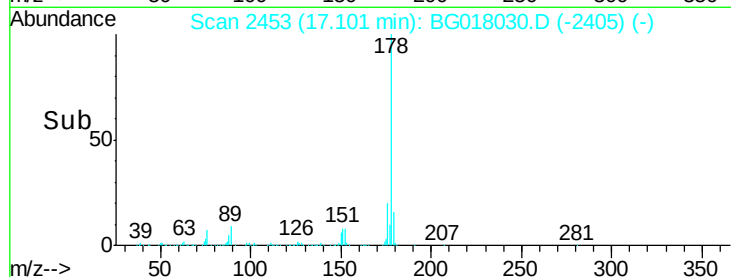
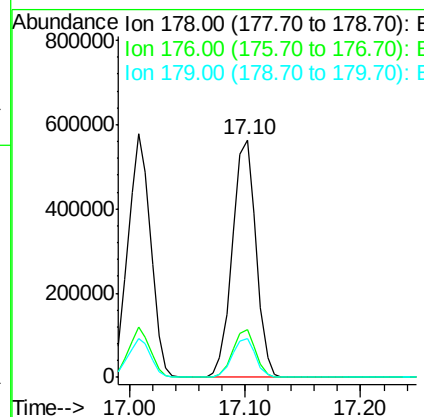
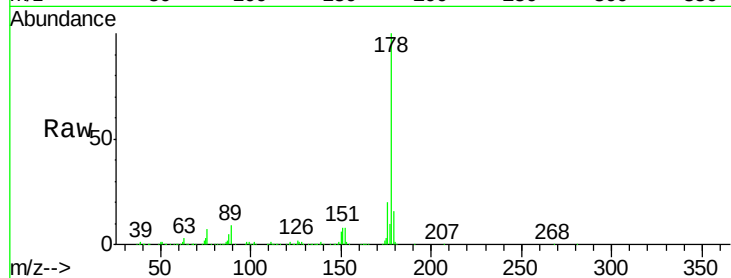




#71
 Anthracene
 Concen: 40.02 ng
 RT: 17.10 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

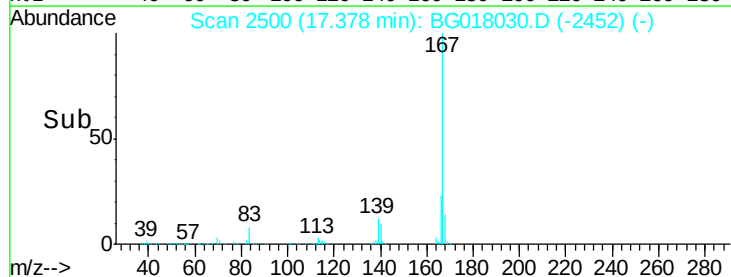
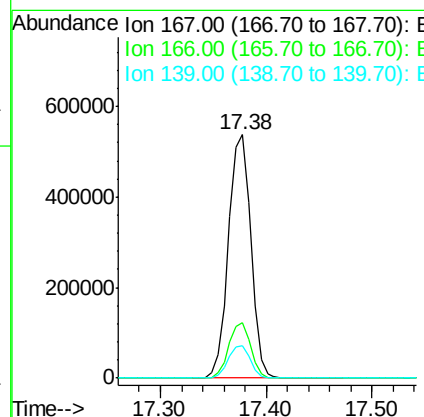
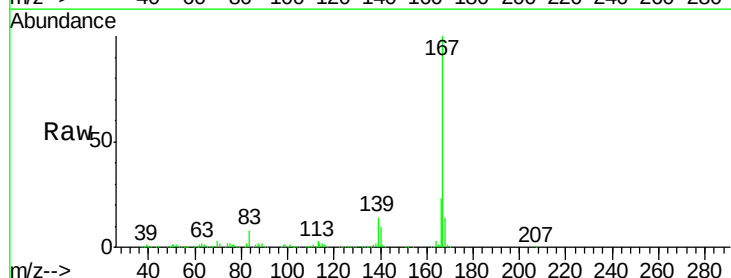
Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

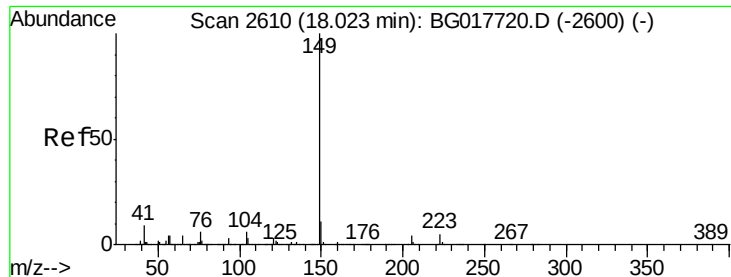
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.2	22.8
179	16.5	13.6	20.4



#72
 Carbazole
 Concen: 41.87 ng
 RT: 17.38 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.6	11.9	17.9





#73

Di-n-butylphthalate

Concen: 40.45 ng

RT: 17.95 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

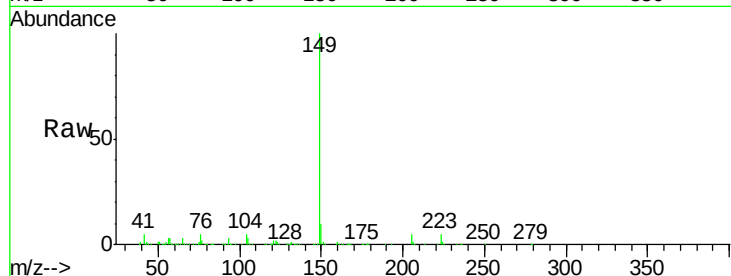
Tgt Ion:149 Resp: 934810

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

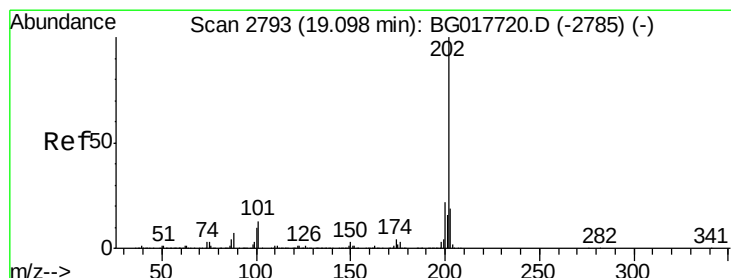
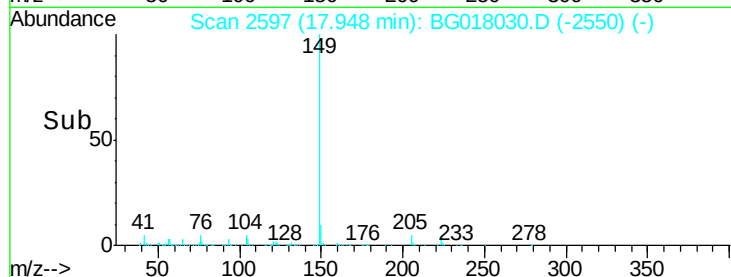
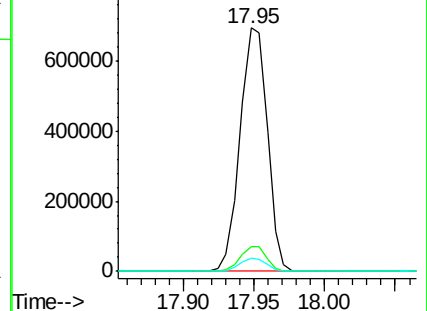
104 5.3 5.0 7.6



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: 41.81 ng

RT: 19.03 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

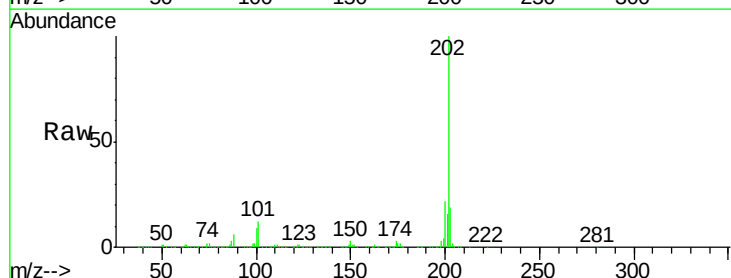
Tgt Ion:202 Resp: 938770

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.3

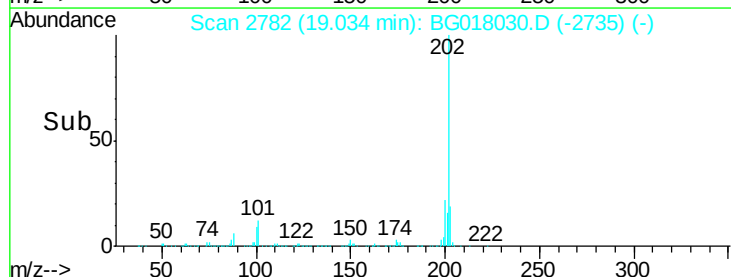
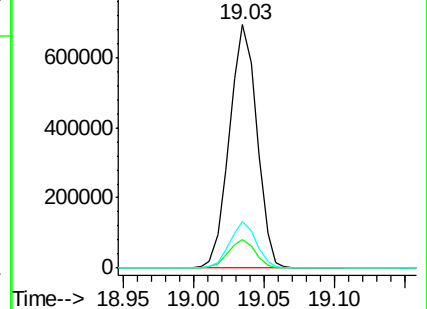
203 19.2 0.0 39.5

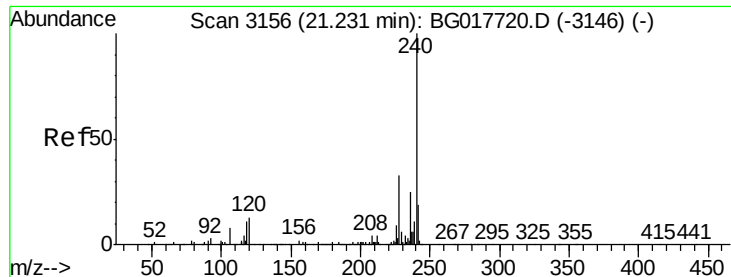


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

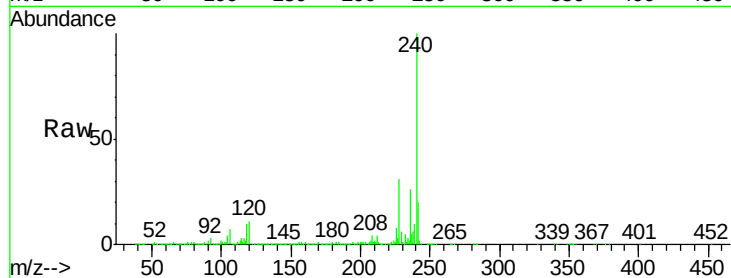
Tgt Ion:240 Resp: 463168

Ion Ratio Lower Upper

240 100

120 10.9 10.8 16.2

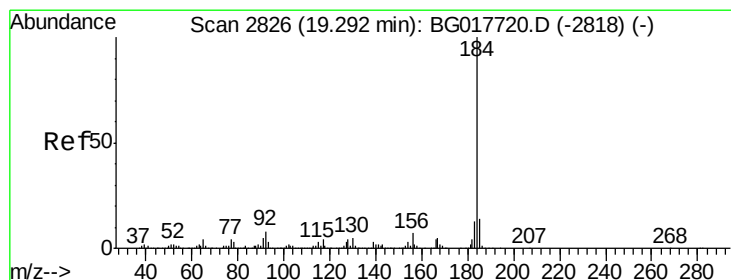
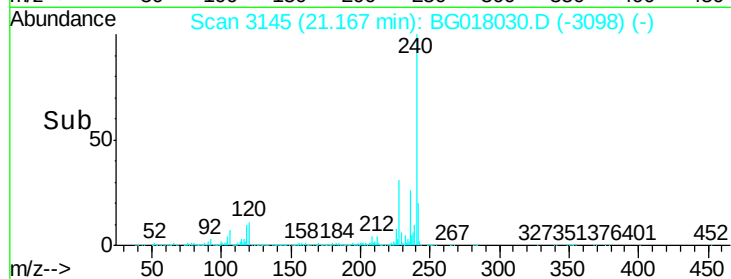
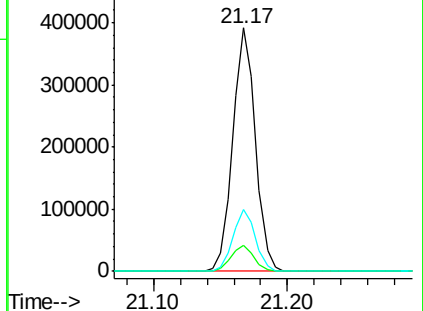
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.76 ng

RT: 19.23 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

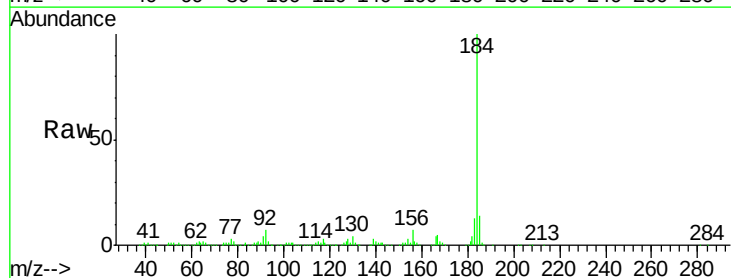
Tgt Ion:184 Resp: 404619

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

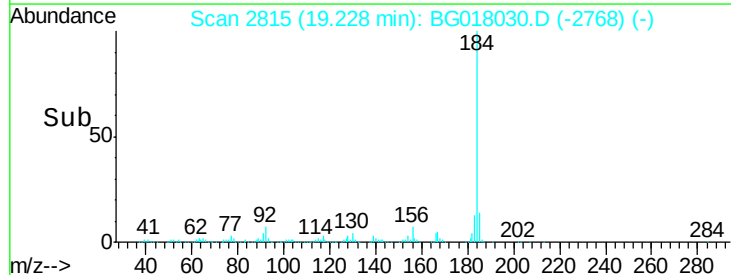
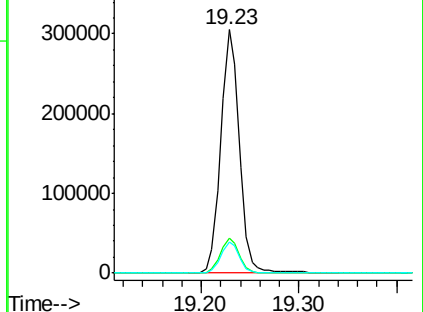
183 12.8 10.0 15.0

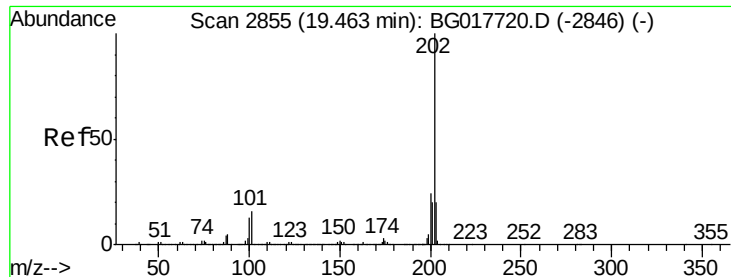


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.17 ng

RT: 19.40 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

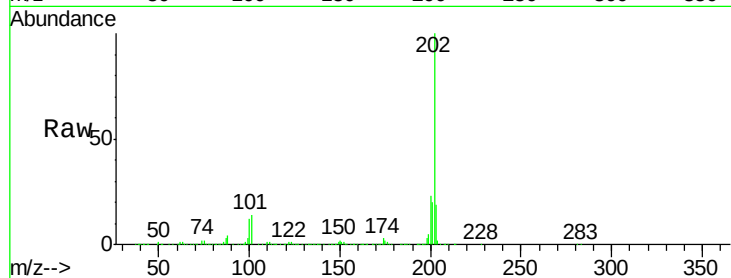
Instrument :

BNA_G

ClientSampleId :

PB84537BS

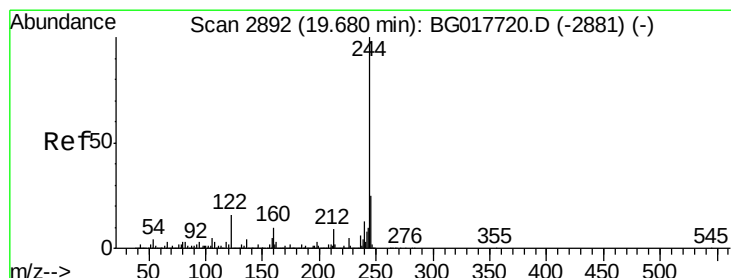
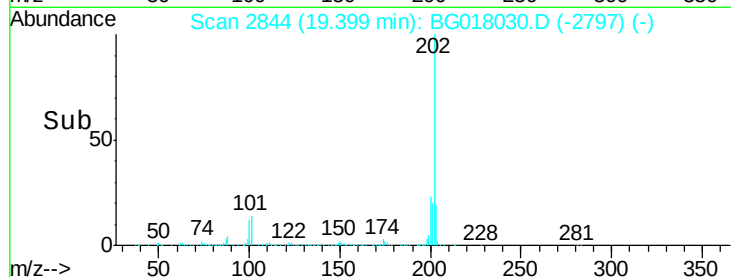
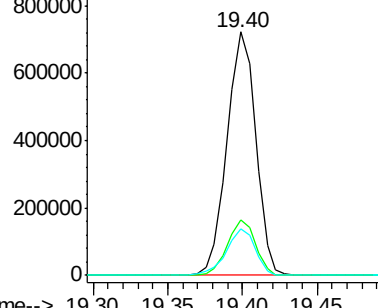
Tgt Ion:	202	Resp:	960169
Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.8	28.2
203	18.9	15.9	23.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.00 ng

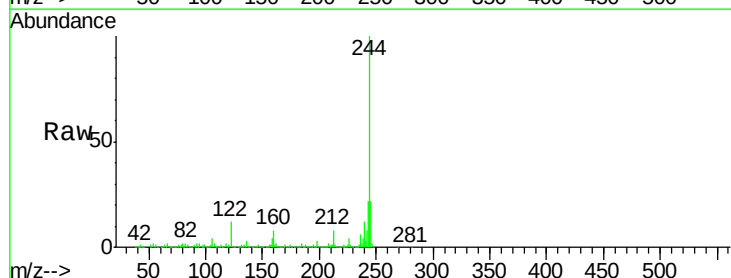
RT: 19.62 min Scan# 2881

Delta R.T. -0.02 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

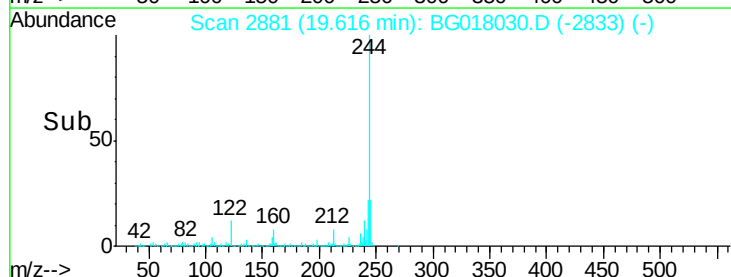
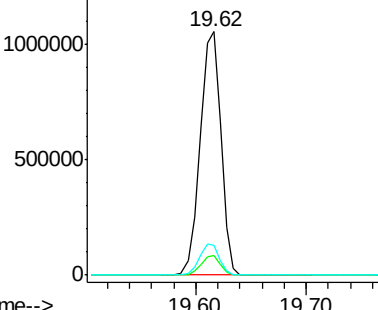
Tgt Ion:	244	Resp:	1397512
Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.2	10.8
122	12.3	12.8	19.2

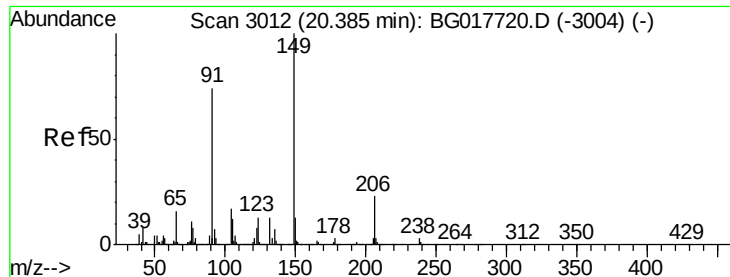


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

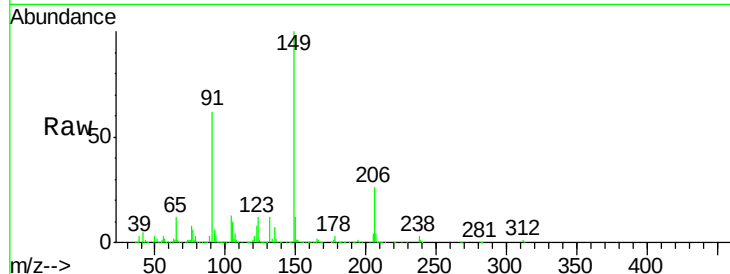




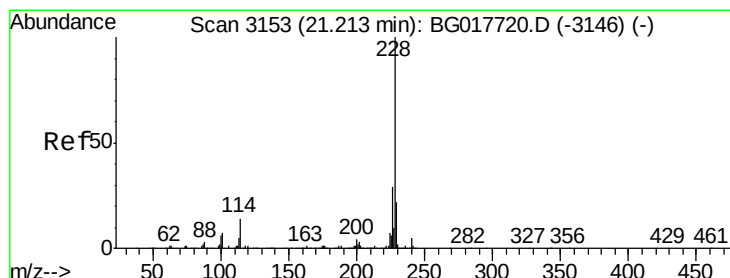
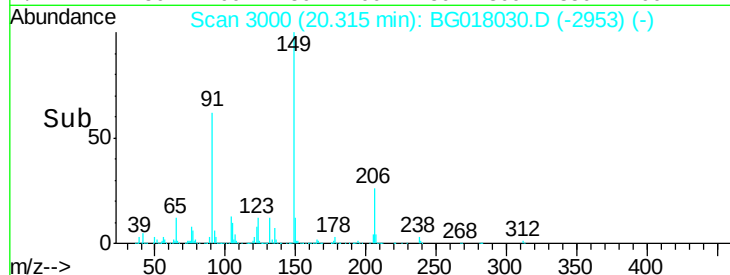
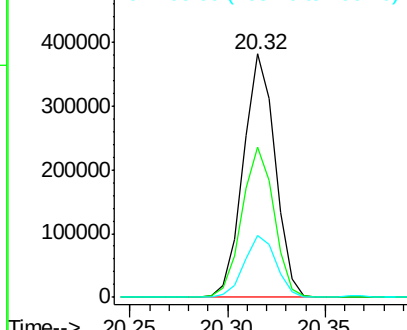
#79
Butylbenzylphthalate
Concen: 37.36 ng
RT: 20.32 min Scan# 3000
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Instrument :
BNA_G
ClientSampleId :
PB84537BS

Tgt Ion:149 Resp: 432178
Ion Ratio Lower Upper
149 100
91 61.7 59.5 89.3
206 25.6 18.5 27.7

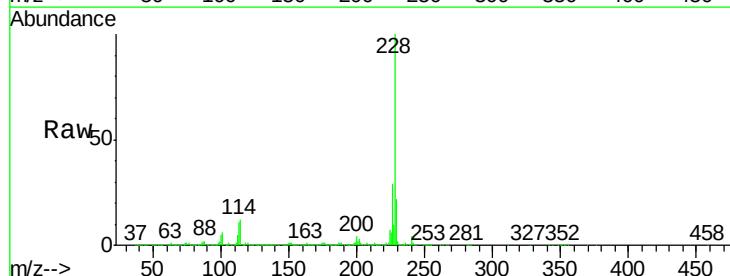


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

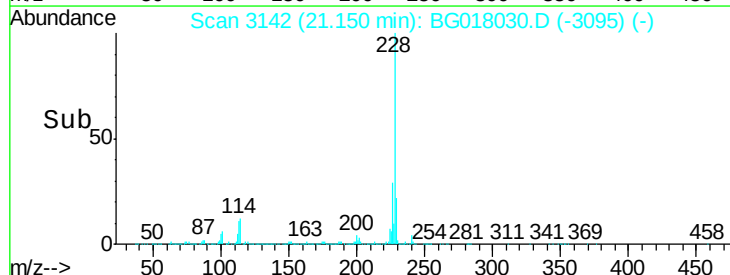
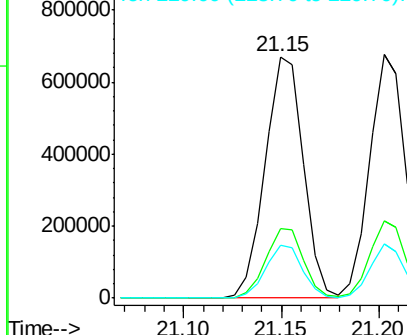


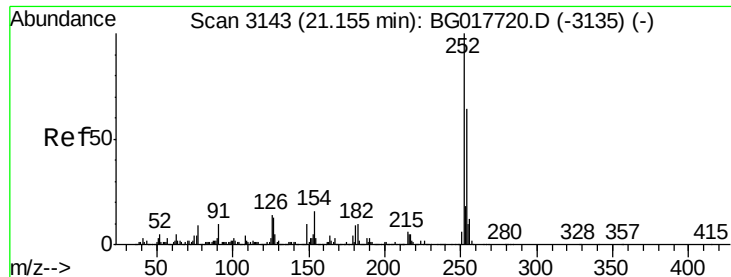
#80
Benzo(a)anthracene
Concen: 37.14 ng
RT: 21.15 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion:228 Resp: 908640
Ion Ratio Lower Upper
228 100
226 28.7 23.1 34.7
229 22.0 17.4 26.0



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

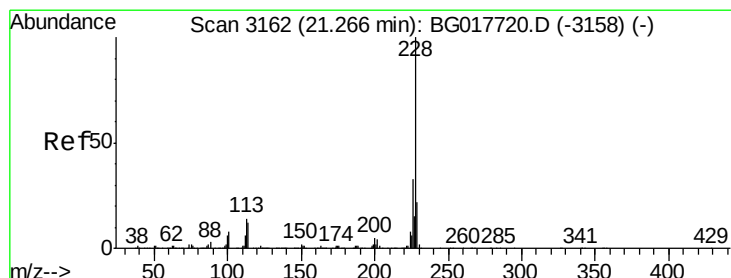
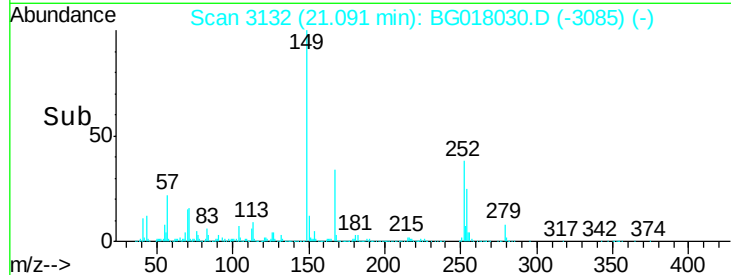
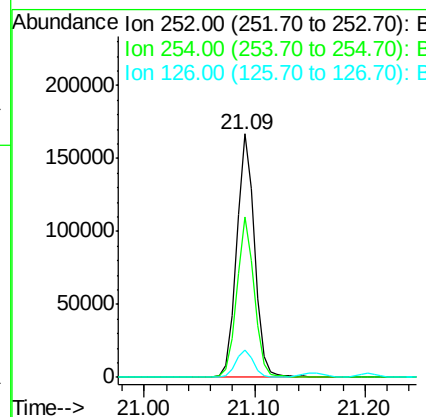
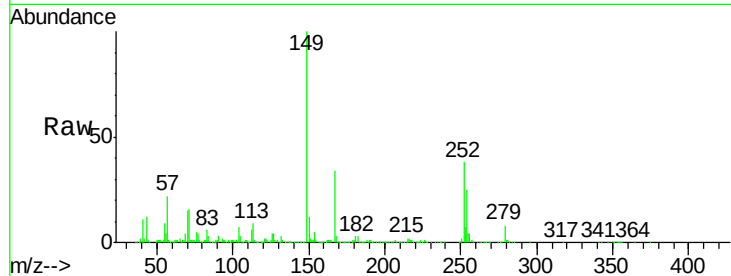




#81
 3,3'-Dichlorobenzidine
 Concen: 21.46 ng
 RT: 21.09 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

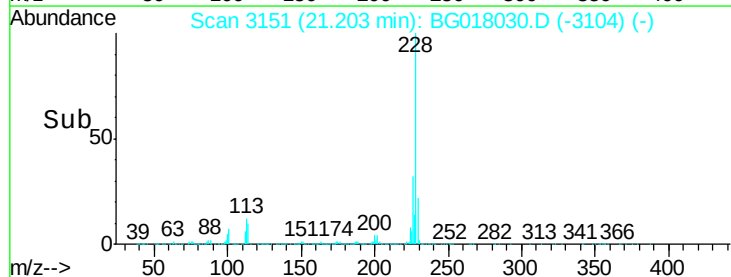
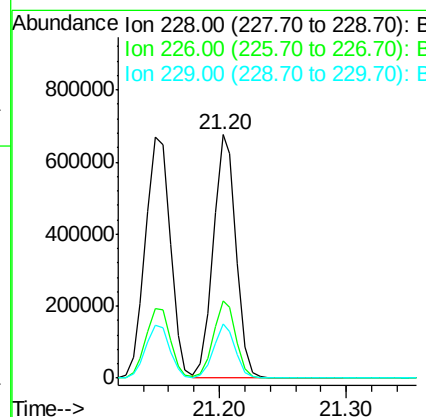
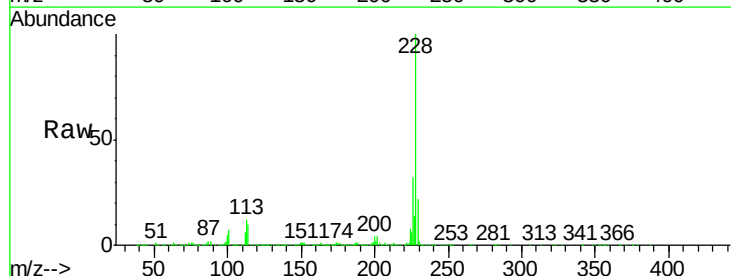
Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

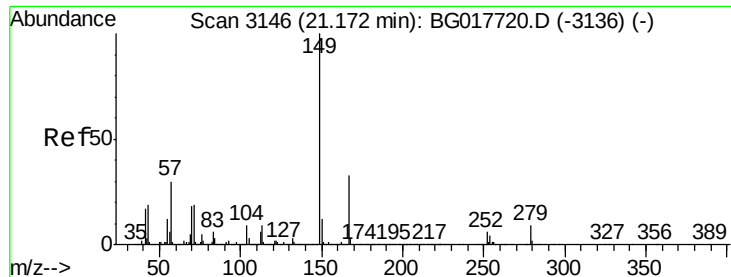
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.2	76.8
126	11.1	11.4	17.0



#82
 Chrysene
 Concen: 36.32 ng
 RT: 21.20 min Scan# 3151
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.1	39.1
229	22.1	17.7	26.5

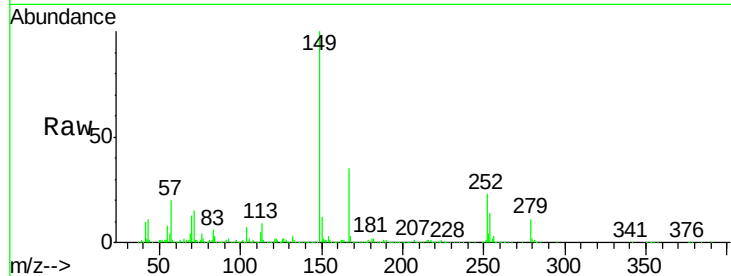




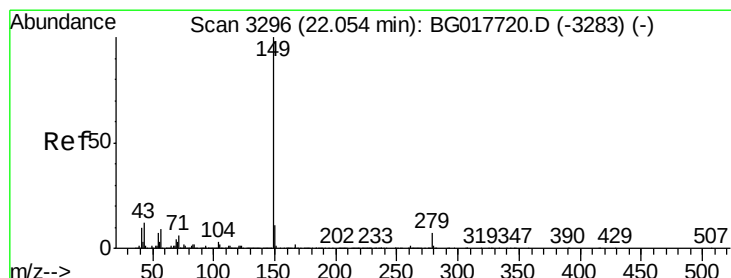
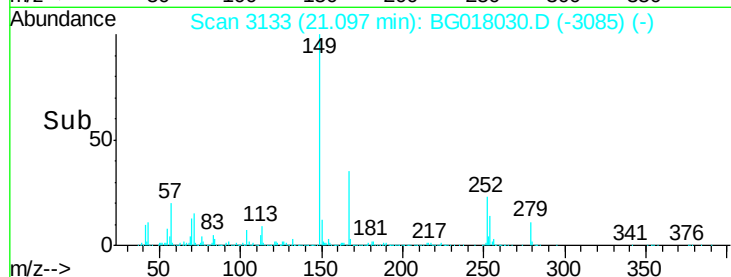
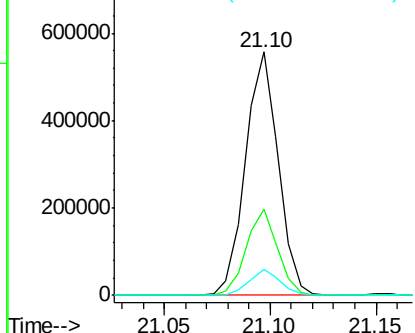
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.62 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB84537BS

Tgt Ion:149 Resp: 599345
 Ion Ratio Lower Upper
 149 100
 167 35.1 26.6 39.8
 279 10.6 6.9 10.3#

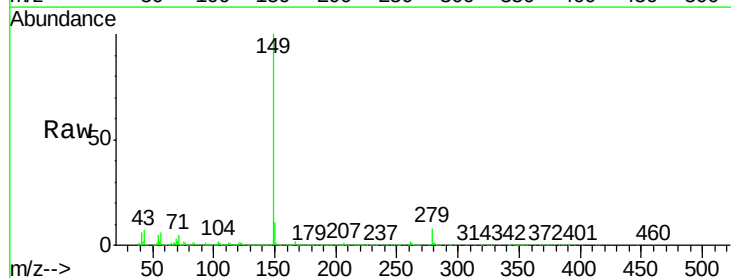


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

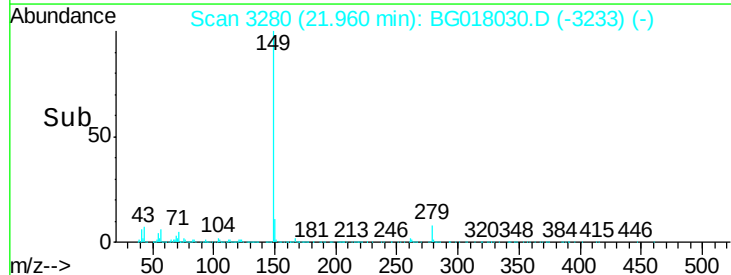
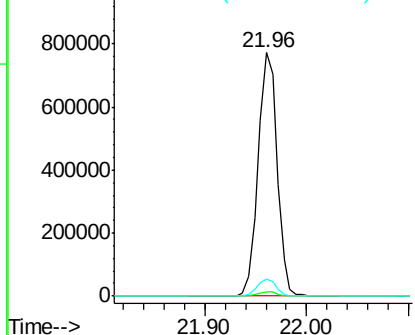


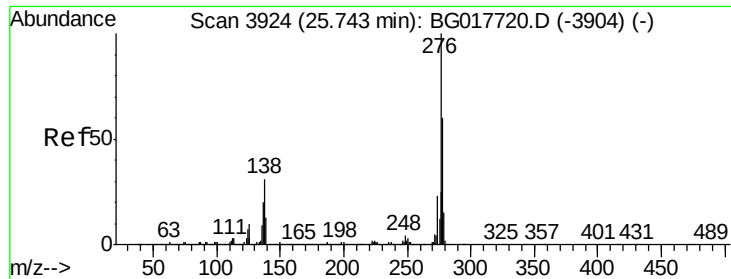
#84
 Di-n-octyl phthalate
 Concen: 40.24 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. -0.02 min
 Lab File: BG018030.D
 Acq: 21 Jul 2015 19:58

Tgt Ion:149 Resp: 1009846
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.9 9.7 14.5#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.42 ng

RT: 25.59 min Scan# 3898

Delta R.T. -0.06 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS

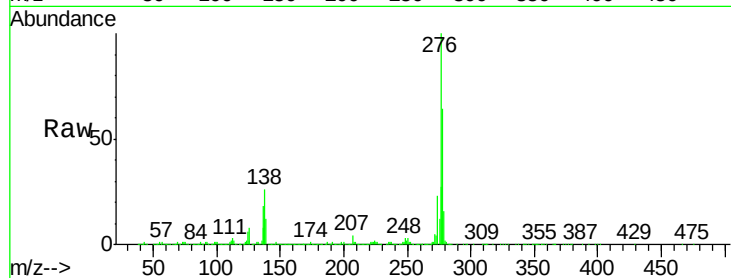
Tgt Ion:276 Resp: 1082437

Ion Ratio Lower Upper

276 100

138 27.4 25.4 38.0

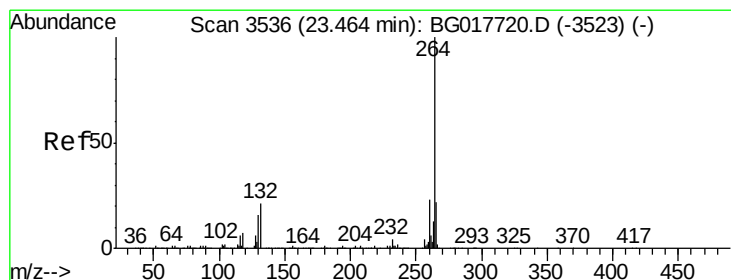
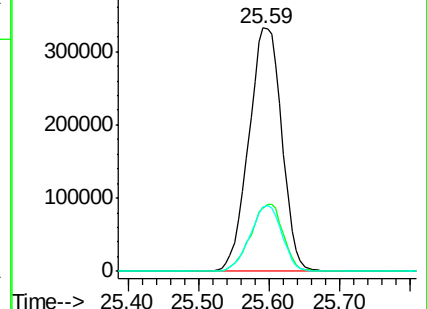
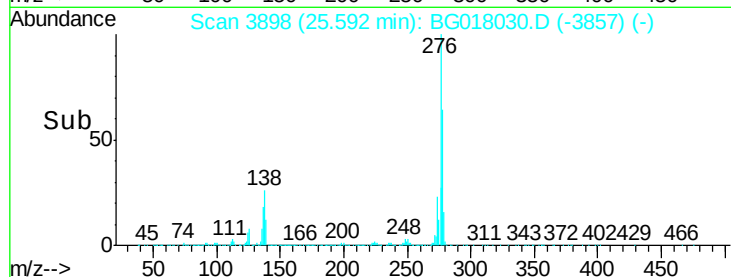
277 26.0 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3519

Delta R.T. -0.03 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

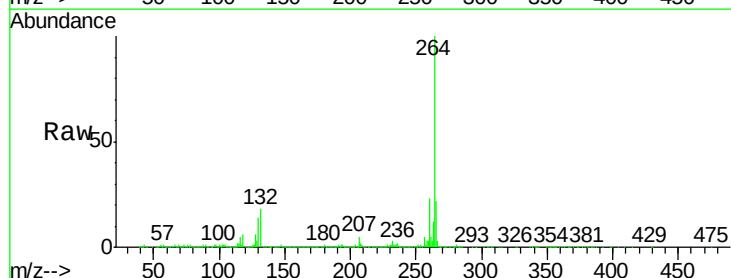
Tgt Ion:264 Resp: 452262

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

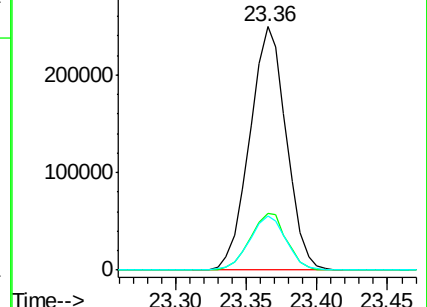
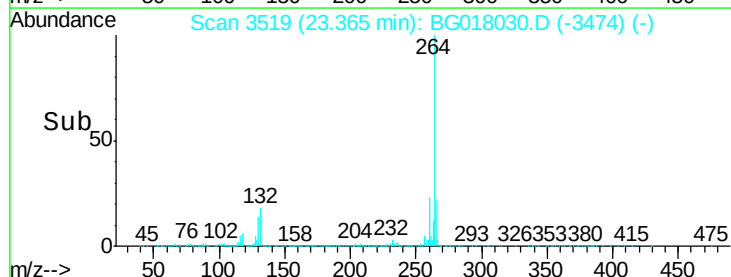
265 22.3 18.2 27.2

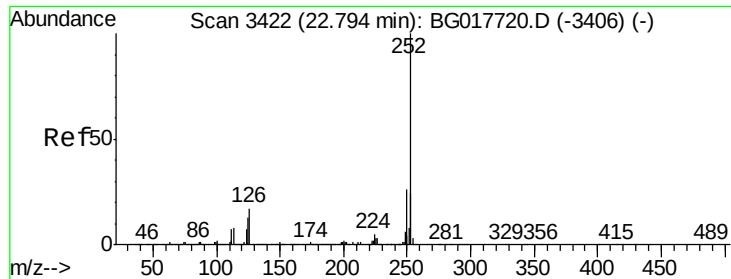


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

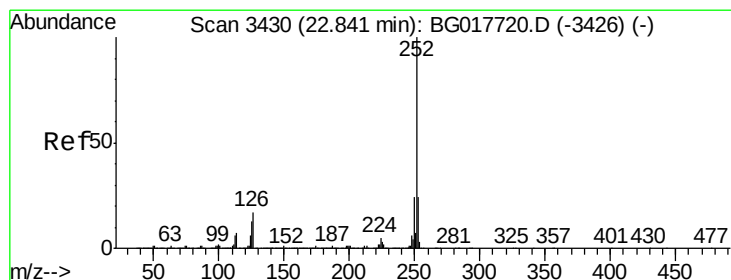
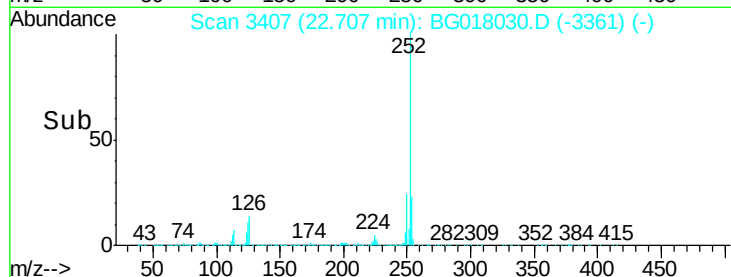
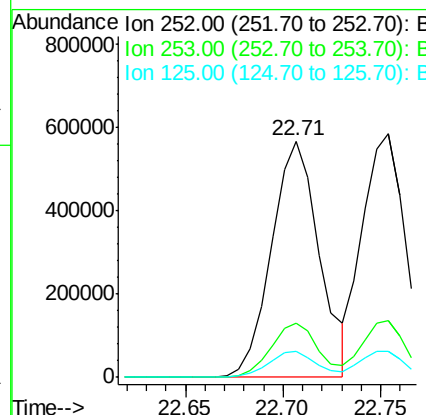
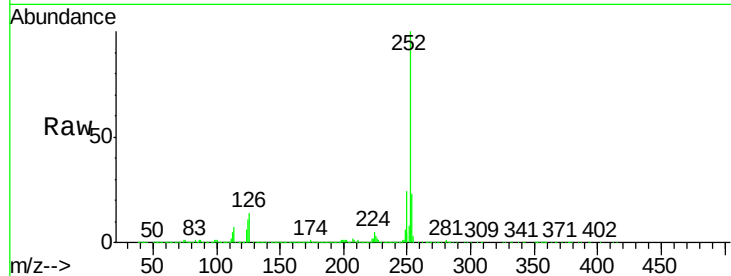




#87
Benzo(b)fluoranthene
Concen: 38.90 ng
RT: 22.71 min Scan# 3407
Delta R.T. -0.03 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

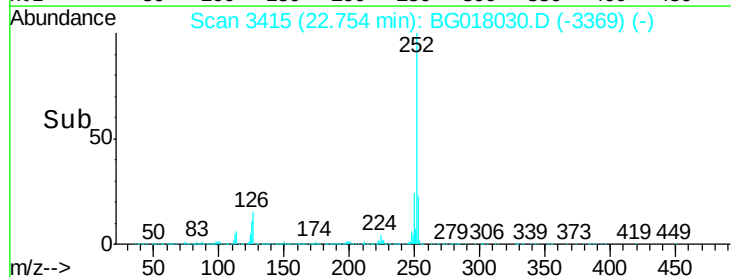
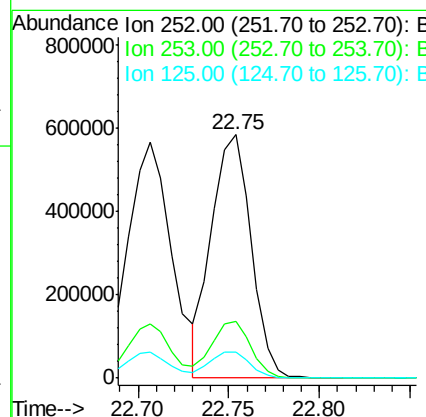
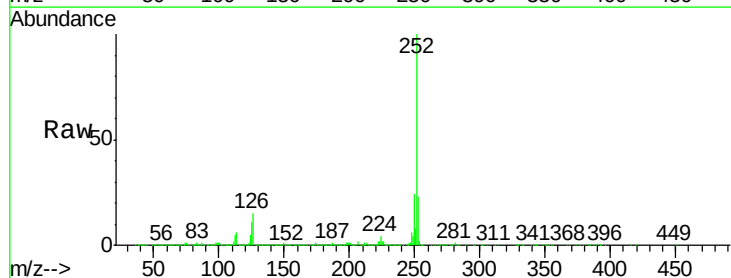
Instrument :
BNA_G
ClientSampleId :
PB84537BS

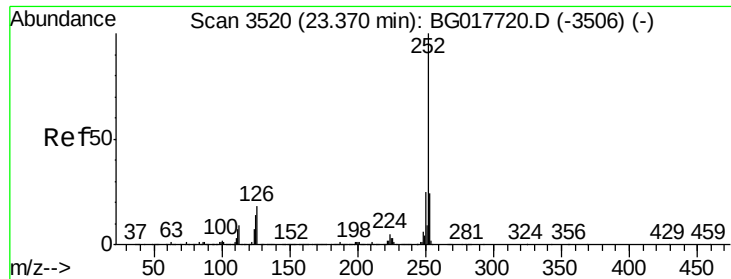
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.7	29.5
125	11.3	10.6	15.8



#88
Benzo(k)fluoranthene
Concen: 35.94 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.03 min
Lab File: BG018030.D
Acq: 21 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	10.9	10.3	15.5





#89

Benzo(a)pyrene

Concen: 39.38 ng

RT: 23.27 min Scan# 3503

Delta R.T. -0.03 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

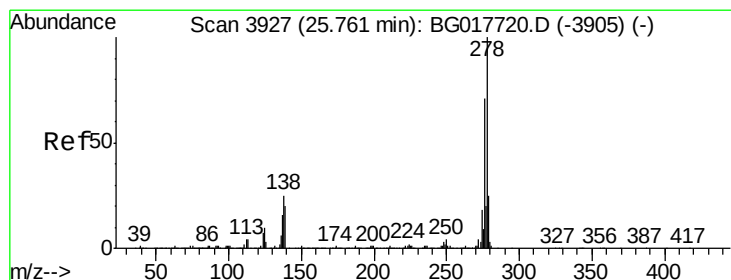
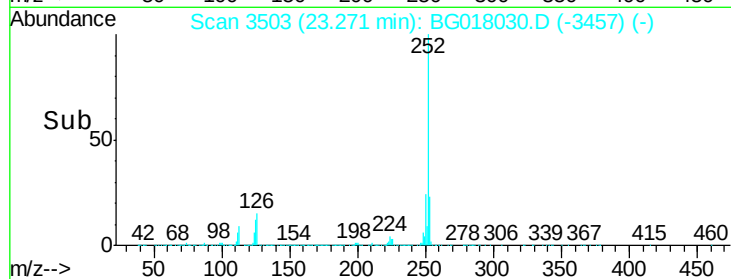
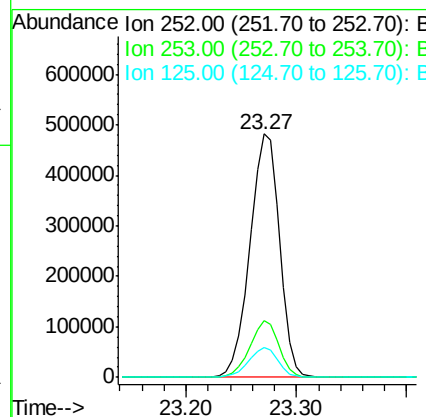
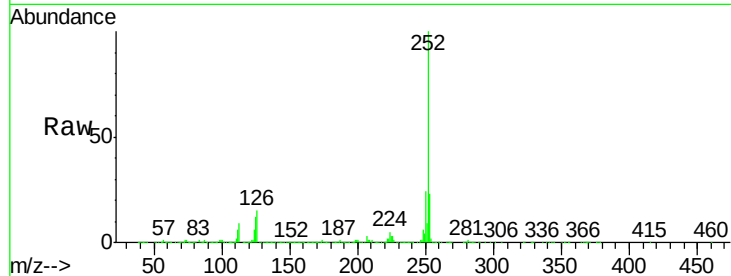
Instrument :

BNA_G

ClientSampleId :

PB84537BS

Tgt Ion:	252	Resp:	907815
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.0	28.6
125	12.2	11.1	16.7



#90

Dibenzo(a,h)anthracene

Concen: 39.39 ng

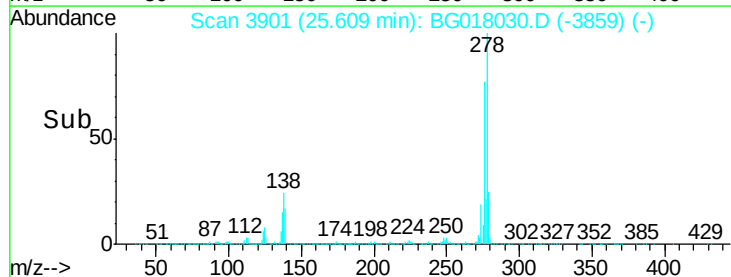
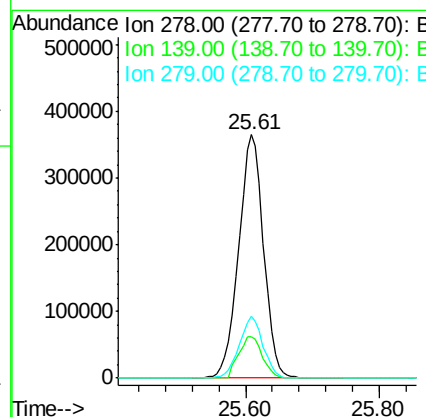
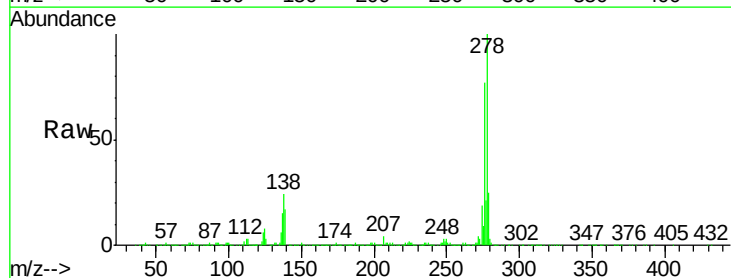
RT: 25.61 min Scan# 3901

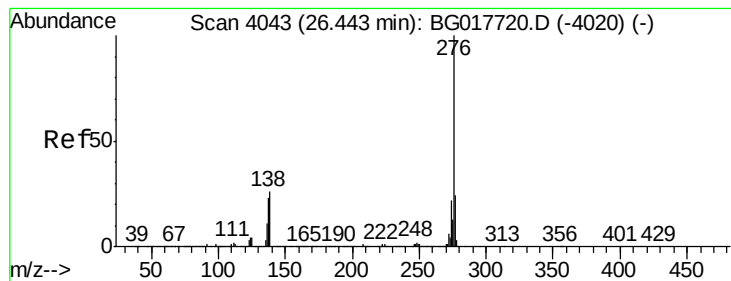
Delta R.T. -0.05 min

Lab File: BG018030.D

Acq: 21 Jul 2015 19:58

Tgt Ion:	278	Resp:	941659
Ion Ratio	Lower	Upper	
278	100		
139	17.0	16.2	24.2
279	25.4	19.9	29.9





#91

Benzo(g,h,i)perylene

Concen: 38.58 ng

RT: 26.28 min Scan# 4015

Delta R.T. -0.06 min

Lab File: BG018030.D

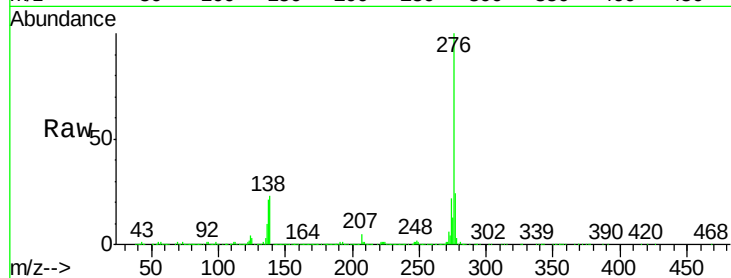
Acq: 21 Jul 2015 19:58

Instrument :

BNA_G

ClientSampleId :

PB84537BS



Tgt Ion:	276	Resp:	889324
Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	22.8	20.8	31.2

