

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017950.D
 Acq On : 18 Jul 2015 7:04
 Operator : TP/UM
 Sample : G3007-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

Quant Time: Jul 20 01:49:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	86677	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	404099	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	256342	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	533700	20.00	ng	0.00
75) Chrysene-d12	21.20	240	554632	20.00	ng	0.00
86) Perylene-d12	23.41	264	536083	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	262587	52.85	ng	0.00
7) Phenol-d6	6.76	99	223201	34.29	ng	0.00
23) Nitrobenzene-d5	8.74	82	521635	83.61	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	332437	128.00	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1250741	84.55	ng	0.00
78) Terphenyl-d14	19.64	244	1637861	74.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	29192	13.37	ng	96
3) Pyridine	3.53	79	70842	12.14	ng	89
4) n-Nitrosodimethylamine	3.45	42	32141	14.51	ng	# 65
6) Aniline	6.92	93	189900	21.88	ng	94
8) 2-Chlorophenol	7.15	128	206799	35.30	ng	98
9) Benzaldehyde	6.73	77	98305	24.65	ng	90
10) Phenol	6.79	94	89686	12.91	ng	94
11) bis(2-Chloroethyl)ether	7.02	93	234962	43.23	ng	95
12) 1,3-Dichlorobenzene	7.47	146	234566	36.47	ng	95
13) 1,4-Dichlorobenzene	7.62	146	239872	36.38	ng	99
14) 1,2-Dichlorobenzene	7.93	146	234685	37.25	ng	98
15) Benzyl Alcohol	7.83	79	135370	28.11	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.13	45	274307	41.90	ng	96
17) 2-Methylphenol	8.03	107	141544	29.22	ng	96
18) Hexachloroethane	8.65	117	96253	38.65	ng	95
19) n-Nitroso-di-n-propylamine	8.39	70	198528	41.77	ng	88
20) 3+4-Methylphenols	8.36	107	172214	26.27	ng	97
22) Acetophenone	8.40	105	374881	42.95	ng	# 93
24) Nitrobenzene	8.78	77	284213	42.76	ng	94
25) Isophorone	9.30	82	555091	42.42	ng	97
26) 2-Nitrophenol	9.49	139	137756	43.43	ng	90
27) 2,4-Dimethylphenol	9.55	122	229051	39.70	ng	91
28) bis(2-Chloroethoxy)methane	9.79	93	323196	44.32	ng	97
29) 2,4-Dichlorophenol	10.02	162	230078	44.76	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	242042	39.63	ng	97
31) Naphthalene	10.42	128	796418	40.27	ng	99
32) Benzoic acid	9.65	122	22941	17.75	ng	92
33) 4-Chloroaniline	10.53	127	225245	25.55	ng	94
34) Hexachlorobutadiene	10.71	225	131427	38.19	ng	95
35) Caprolactam	11.31	113	18338	7.02	ng	95
36) 4-Chloro-3-methylphenol	11.66	107	237879	40.77	ng	99
37) 2-Methylnaphthalene	12.04	142	611539	43.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	276862	40.29	ng	98
40) Hexachlorocyclopentadiene	12.40	237	321345	85.76	ng	98

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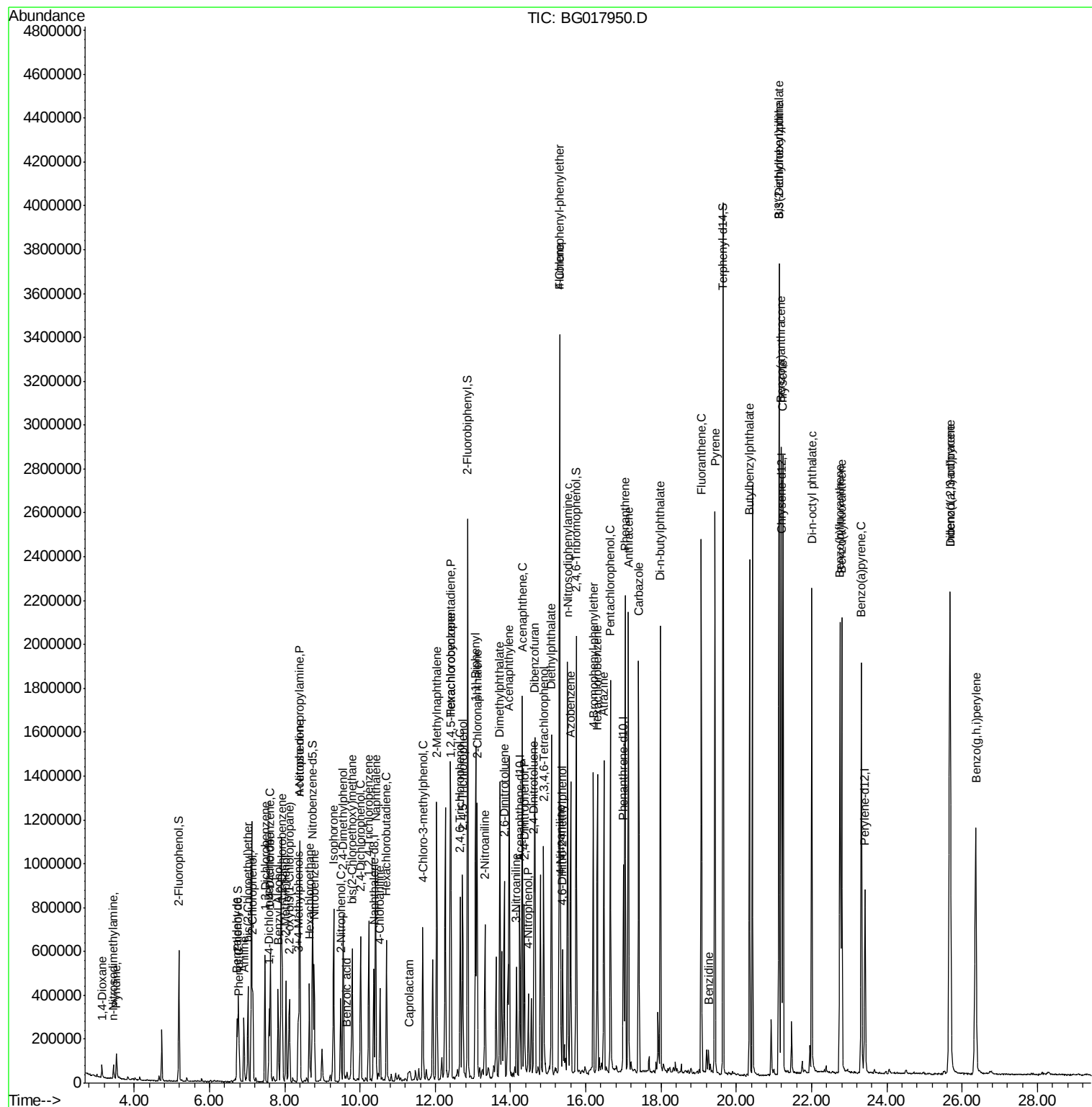
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	193210	43.24	ng	98
43) 2,4,5-Trichlorophenol	12.73	196	212162	45.66	ng	96
45) 1,1'-Biphenyl	13.07	154	774401	43.15	ng	99
46) 2-Chloronaphthalene	13.11	162	620978	42.70	ng	94
47) 2-Nitroaniline	13.32	65	176289	45.14	ng	87
48) Acenaphthylene	13.96	152	1035441	42.69	ng	99
49) Dimethylphthalate	13.71	163	862575	48.44	ng	99
50) 2,6-Dinitrotoluene	13.83	165	189941	47.07	ng	# 86
51) Acenaphthene	14.31	154	636313	43.32	ng	99
52) 3-Nitroaniline	14.15	138	142164	31.34	ng	92
53) 2,4-Dinitrophenol	14.37	184	180684	79.23	ng	96
54) Dibenzofuran	14.65	168	965419	45.55	ng	98
55) 4-Nitrophenol	14.47	139	107848	30.05	ng	87
56) 2,4-Dinitrotoluene	14.62	165	261962	48.41	ng	92
57) Fluorene	15.30	166	818911	44.95	ng	95
58) 2,3,4,6-Tetrachlorophenol	14.88	232	188167	46.97	ng	97
59) Diethylphthalate	15.09	149	853220	46.26	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	408916	45.78	ng	95
61) 4-Nitroaniline	15.33	138	214263	40.32	ng	88
62) Azobenzene	15.59	77	775764	45.52	ng	91
64) 4,6-Dinitro-2-methylphenol	15.38	198	132616	47.18	ng	90
65) n-Nitrosodiphenylamine	15.52	169	706232	44.01	ng	100
66) 4-Bromophenyl-phenylether	16.19	248	251527	47.03	ng	95
67) Hexachlorobenzene	16.30	284	267021	44.98	ng	92
68) Atrazine	16.47	200	259879	49.30	ng	99
69) Pentachlorophenol	16.65	266	314963	80.17	ng	99
70) Phenanthrene	17.04	178	1213777	44.09	ng	98
71) Anthracene	17.13	178	1236208	46.15	ng	99
72) Carbazole	17.40	167	1159454	45.82	ng	99
73) Di-n-butylphthalate	17.98	149	1466467	47.27	ng	100
74) Fluoranthene	19.07	202	1368157	45.40	ng	98
76) Benzidine	19.26	184	51197	3.25	ng	# 92
77) Pyrene	19.43	202	1400959	45.29	ng	99
79) Butylbenzylphthalate	20.35	149	694306	50.12	ng	93
80) Benzo(a)anthracene	21.18	228	1320836	45.09	ng	98
81) 3,3'-Dichlorobenzidine	21.12	252	342571	32.25	ng	98
82) Chrysene	21.23	228	1233415	44.21	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	930350	48.77	ng	98
84) Di-n-octyl phthalate	22.00	149	1537638	51.17	ng	# 92
85) Indeno(1,2,3-cd)pyrene	25.67	276	1543805	45.76	ng	98
87) Benzo(b)fluoranthene	22.75	252	1383726	47.18	ng	99
88) Benzo(k)fluoranthene	22.80	252	1288385	43.99	ng	99
89) Benzo(a)pyrene	23.32	252	1301676	47.63	ng	99
90) Dibenzo(a,h)anthracene	25.68	278	1308769	46.19	ng	99
91) Benzo(g,h,i)perylene	26.36	276	1262290	46.20	ng	98

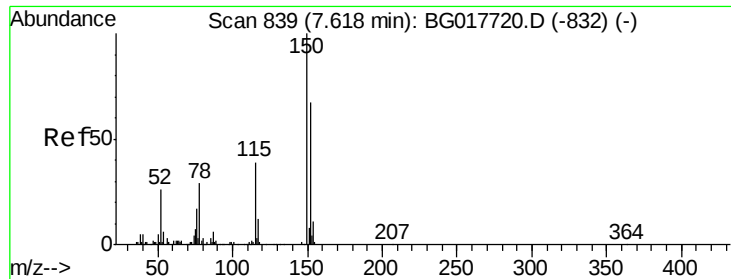
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

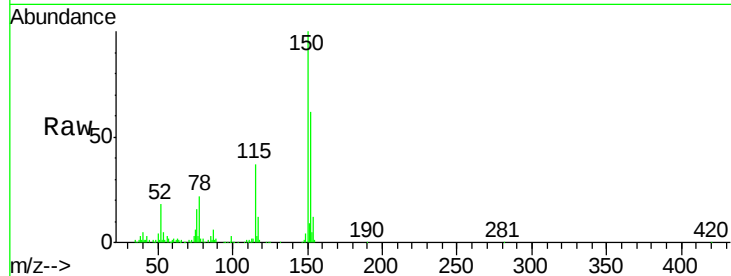
Tgt Ion:152 Resp: 86677

Ion Ratio Lower Upper

152 100

150 161.2 119.1 178.7

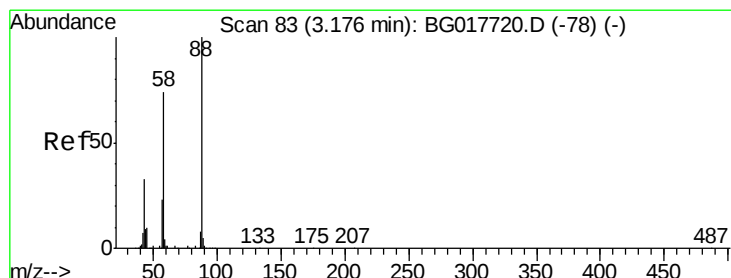
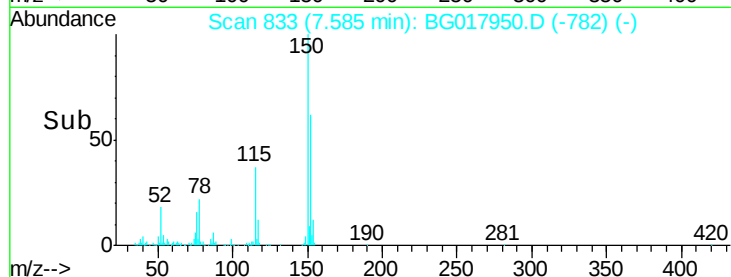
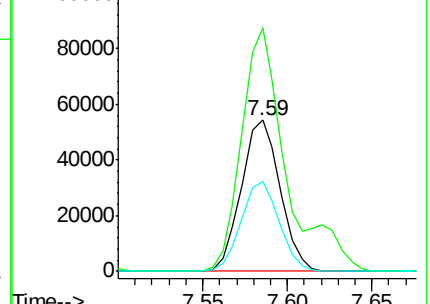
115 60.0 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 13.37 ng

RT: 3.15 min Scan# 78

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

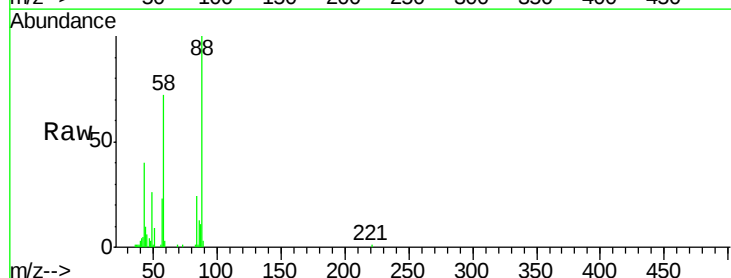
Tgt Ion: 88 Resp: 29192

Ion Ratio Lower Upper

88 100

58 70.9 55.8 83.8

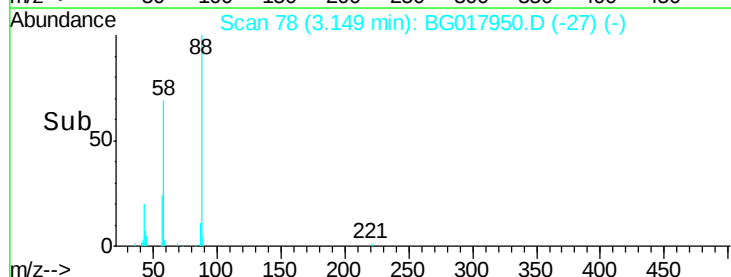
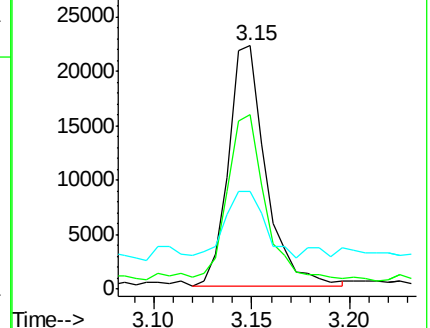
43 29.6 27.4 41.2

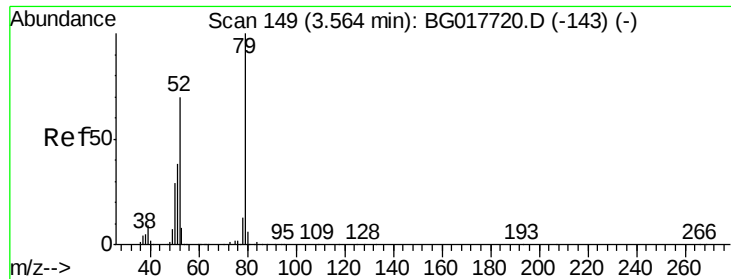


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 12.14 ng

RT: 3.53 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

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ClientSampleId :

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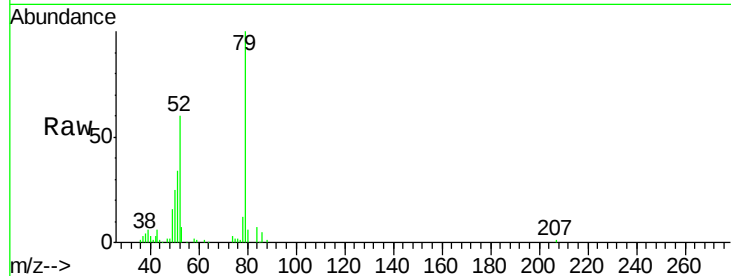
Tgt Ion: 79 Resp: 70842

Ion Ratio Lower Upper

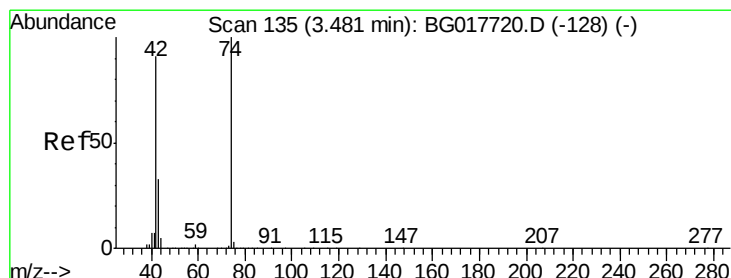
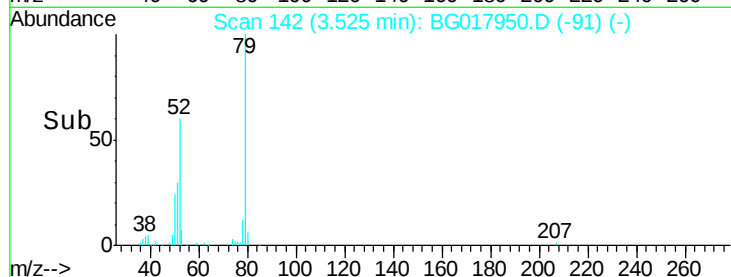
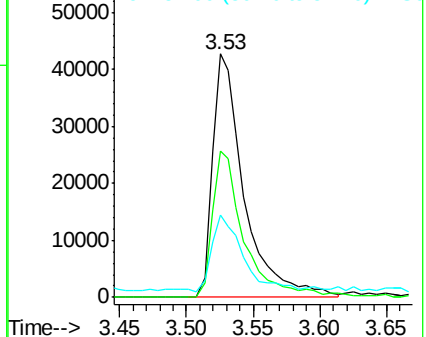
79 100

52 59.9 55.7 83.5

51 34.0 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: 14.51 ng

RT: 3.45 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

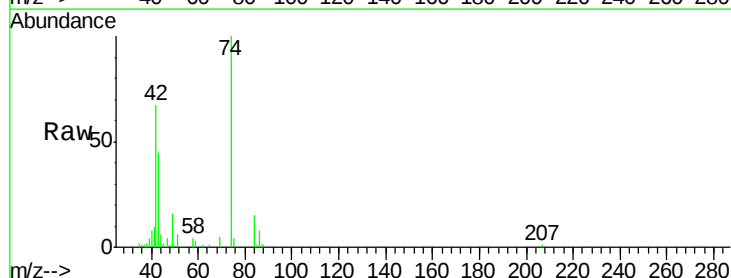
Tgt Ion: 42 Resp: 32141

Ion Ratio Lower Upper

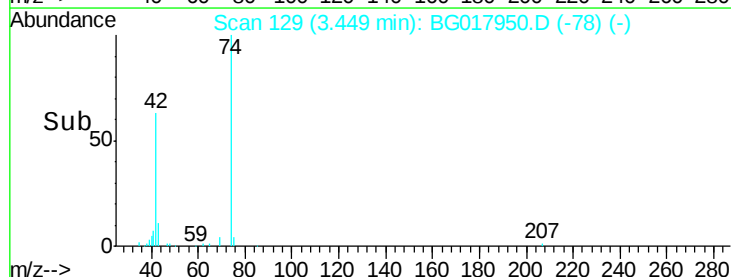
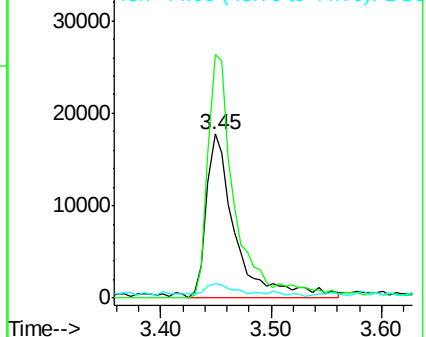
42 100

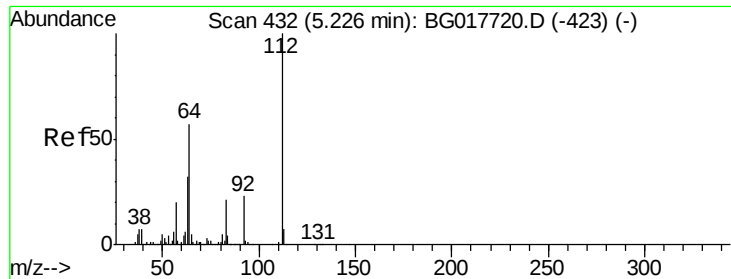
74 148.3 87.4 131.2#

44 9.2 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: 52.85 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

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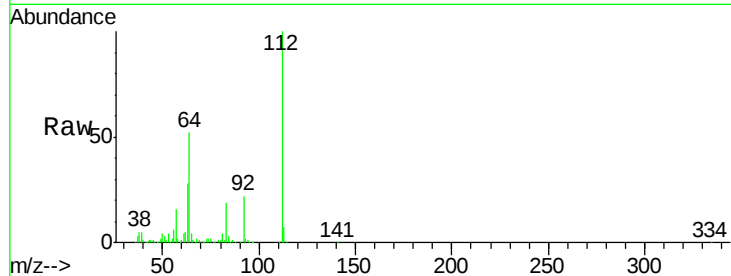
Tgt Ion: 112 Resp: 262587

Ion Ratio Lower Upper

112 100

64 52.2 45.4 68.0

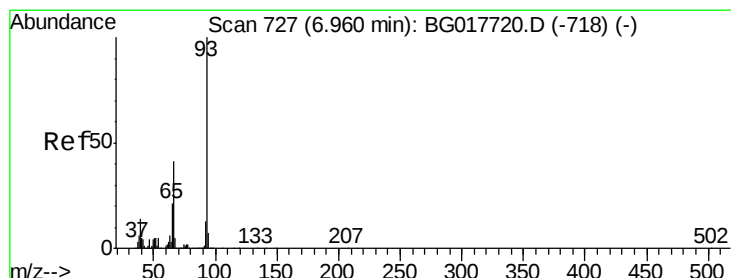
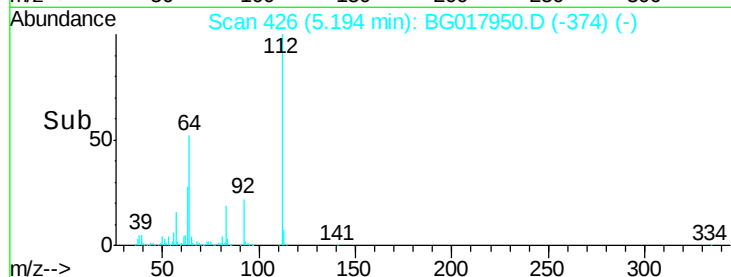
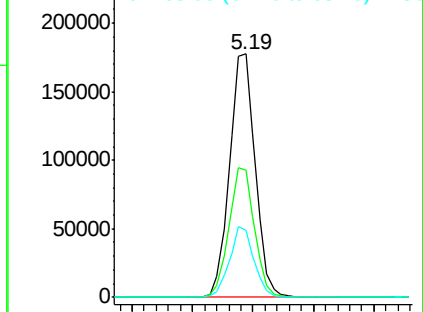
63 27.6 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.88 ng

RT: 6.92 min Scan# 719

Delta R.T. -0.01 min

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Acq: 18 Jul 2015 7:04

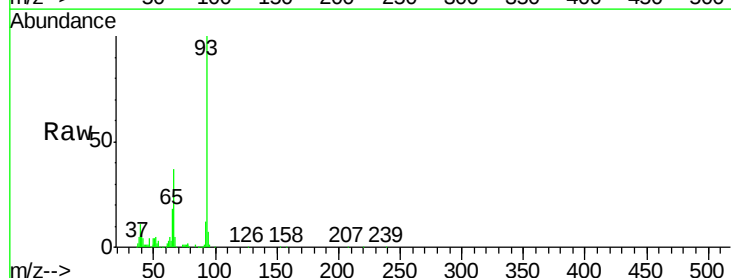
Tgt Ion: 93 Resp: 189900

Ion Ratio Lower Upper

93 100

66 37.4 32.7 49.1

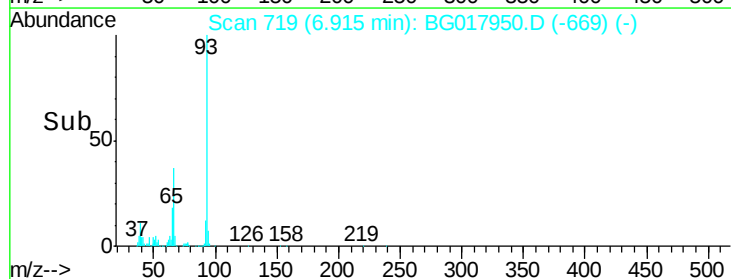
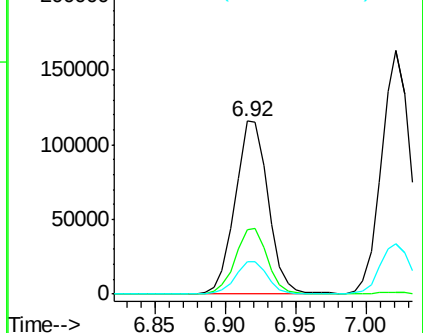
65 18.4 17.0 25.6

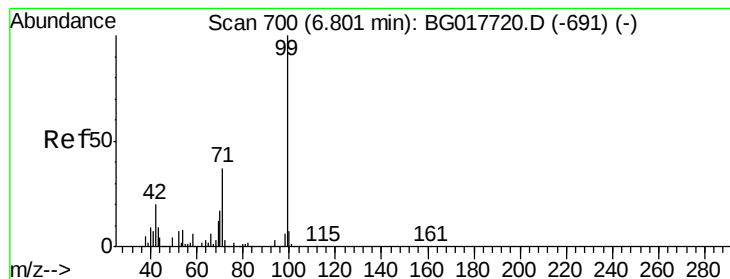


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 34.29 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.00 min

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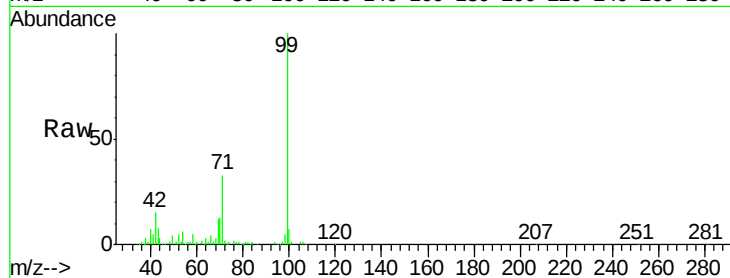
Tgt Ion: 99 Resp: 223201

Ion Ratio Lower Upper

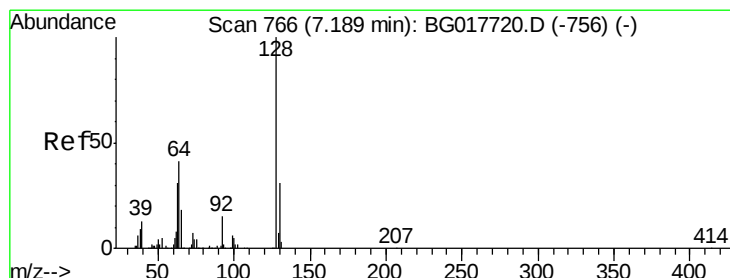
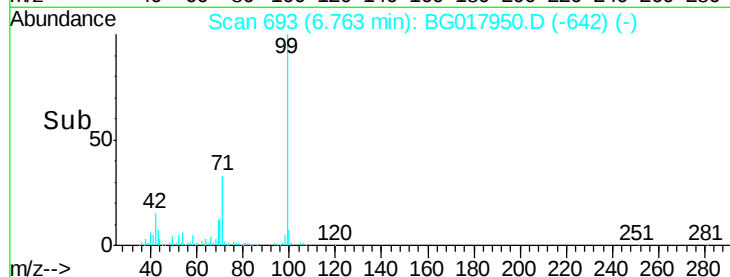
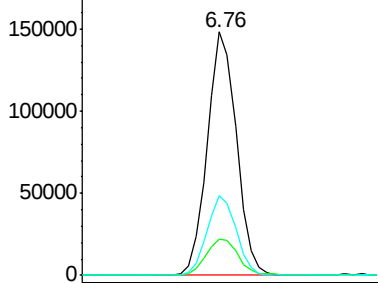
99 100

42 14.7 16.2 24.4#

71 32.7 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: 35.30 ng

RT: 7.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

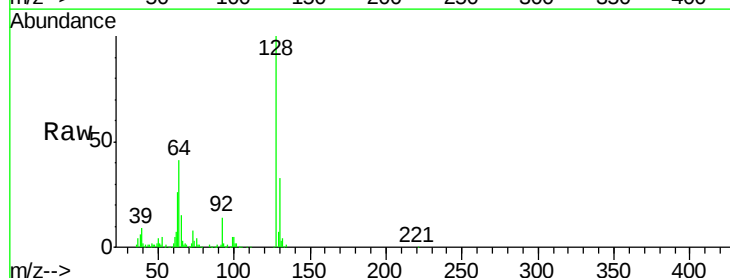
Tgt Ion: 128 Resp: 206799

Ion Ratio Lower Upper

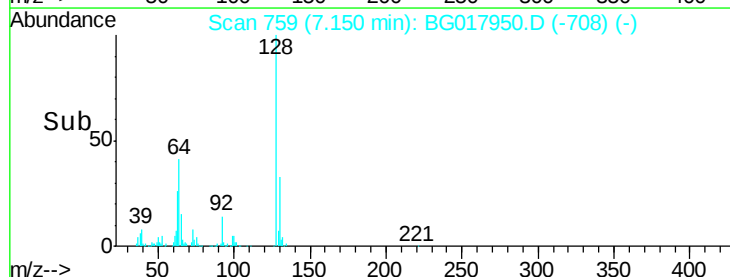
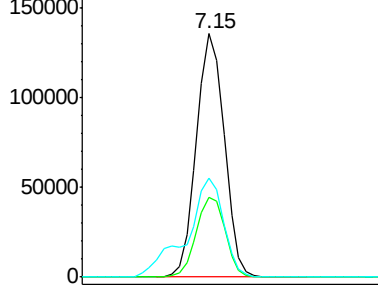
128 100

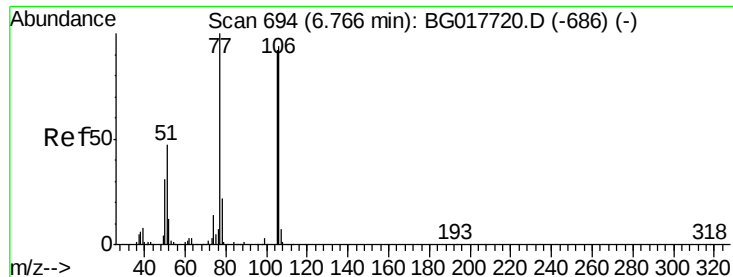
130 32.7 11.1 51.1

64 40.6 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: 24.65 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

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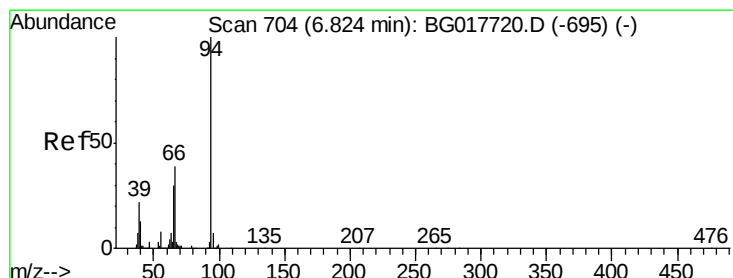
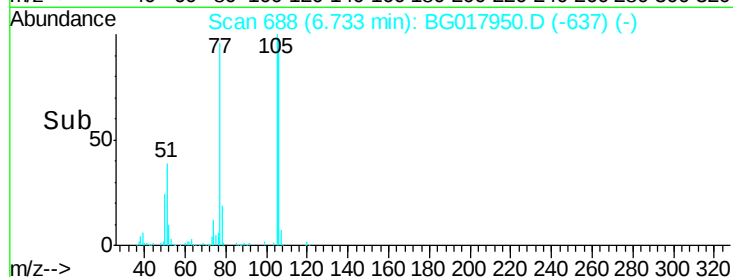
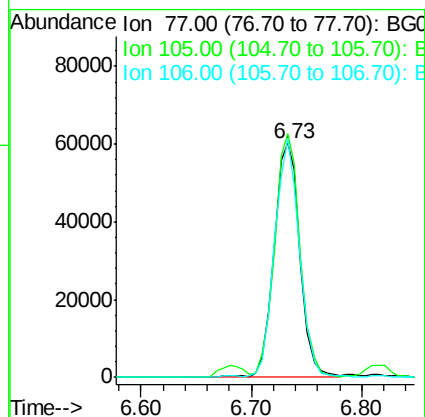
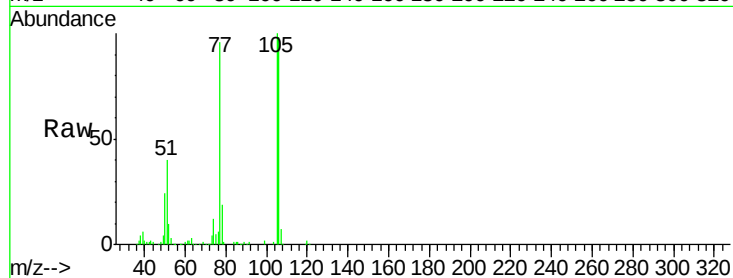
Tgt Ion: 77 Resp: 98305

Ion Ratio Lower Upper

77 100

105 103.8 71.8 111.8

106 101.9 74.5 114.5



#10

Phenol

Concen: 12.91 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

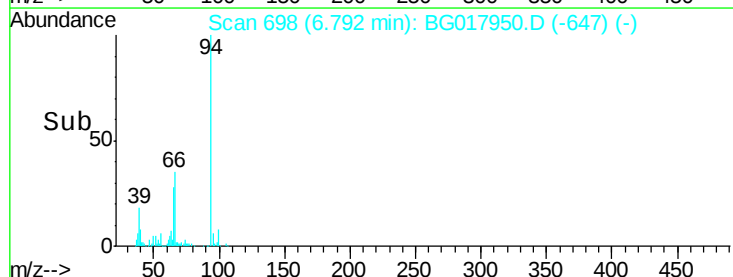
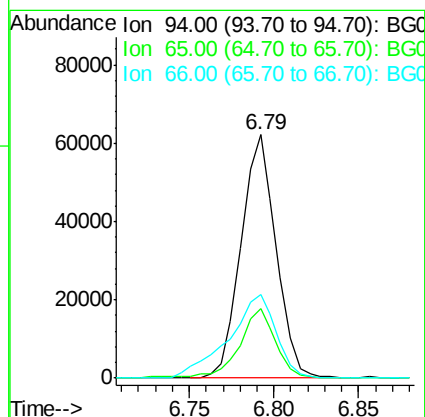
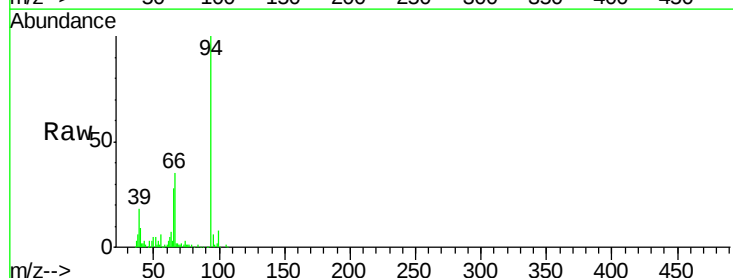
Tgt Ion: 94 Resp: 89686

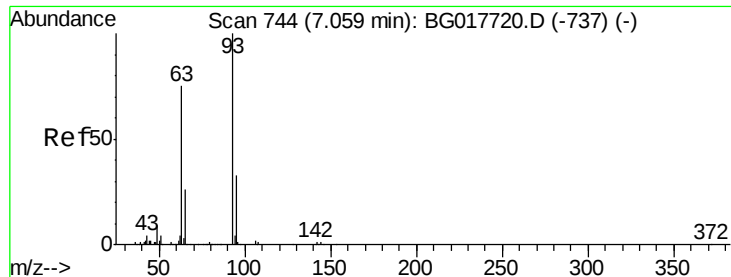
Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

66 34.5 19.4 59.4

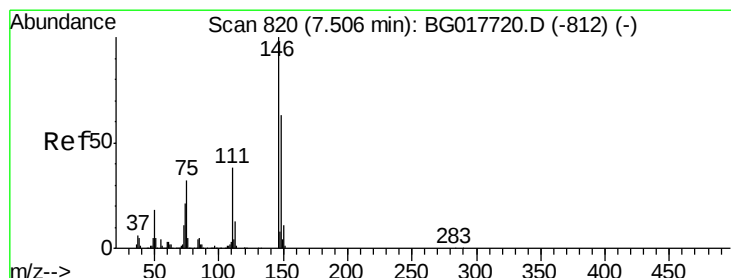
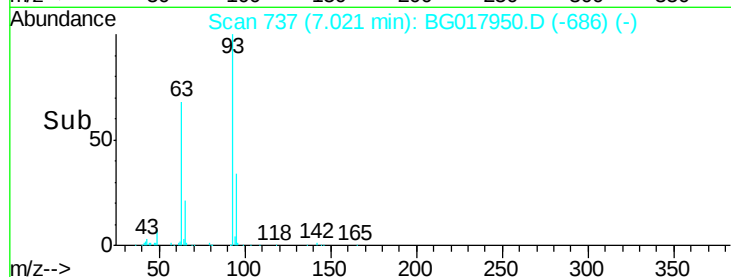
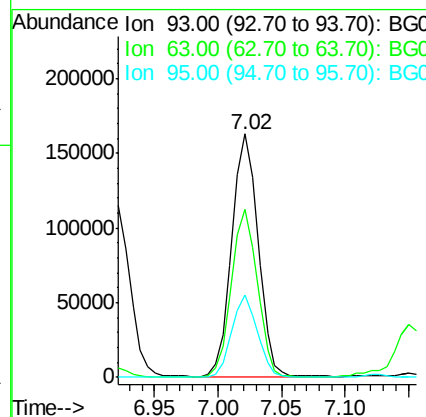
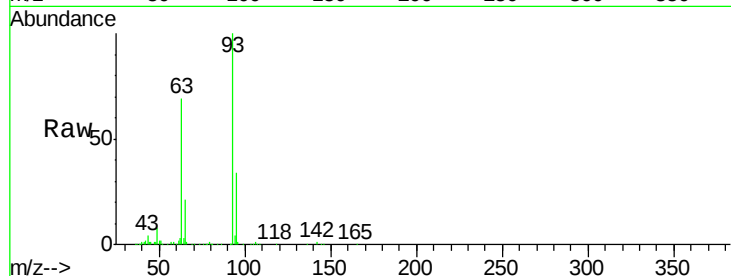




#11
bis(2-Chloroethyl)ether
Concen: 43.23 ng
RT: 7.02 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

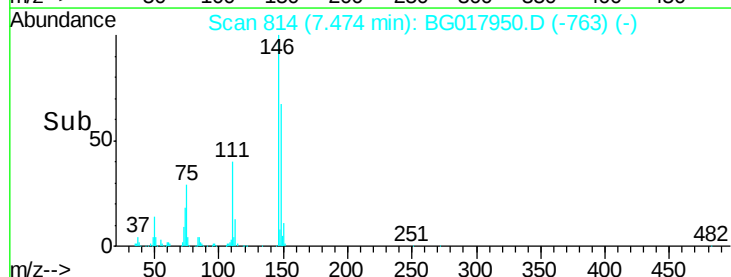
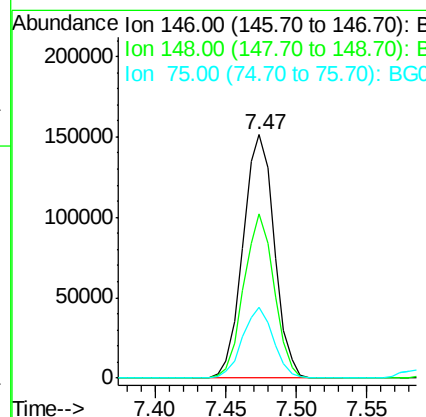
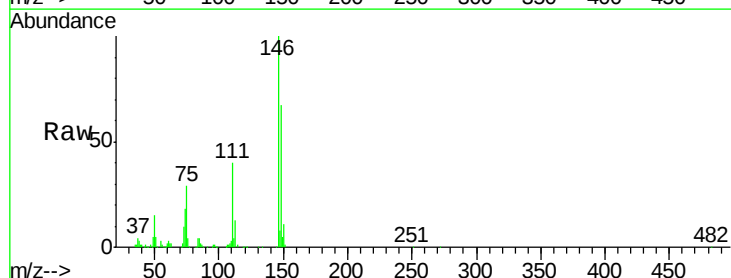
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

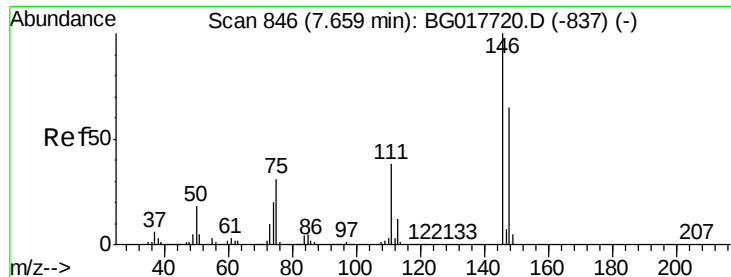
Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.1	54.7	94.7
95	33.7	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 36.47 ng
RT: 7.47 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.8	76.2
75	29.3	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 36.38 ng

RT: 7.62 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

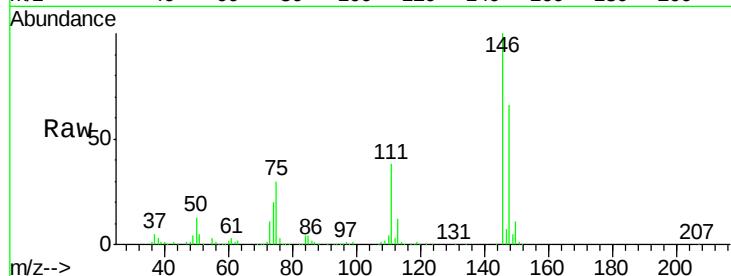
Tgt Ion:146 Resp: 239872

Ion Ratio Lower Upper

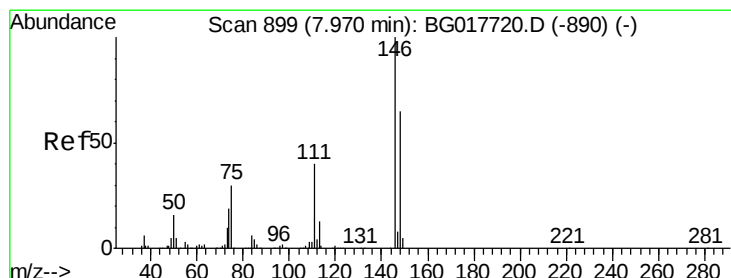
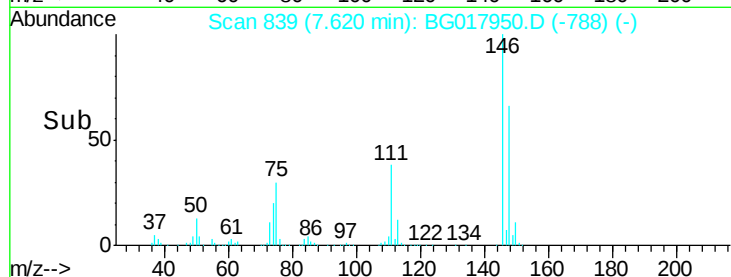
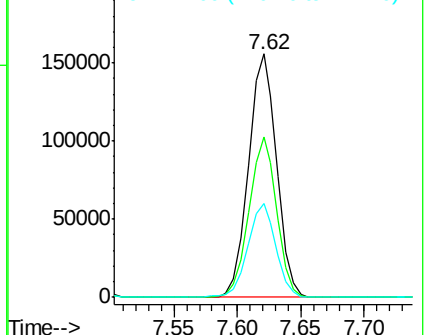
146 100

148 66.1 51.8 77.6

111 38.4 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: 37.25 ng

RT: 7.93 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

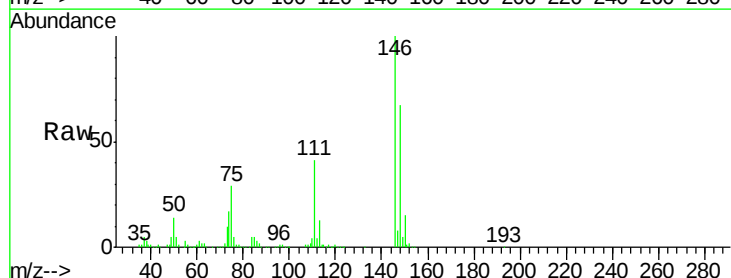
Tgt Ion:146 Resp: 234685

Ion Ratio Lower Upper

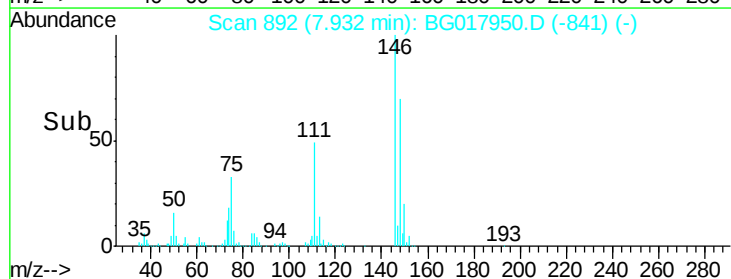
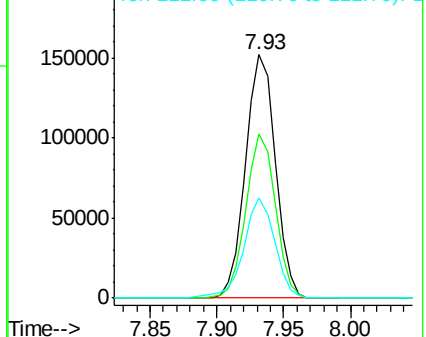
146 100

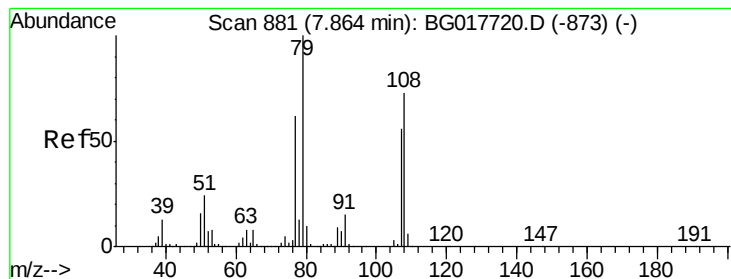
148 67.3 52.2 78.4

111 41.2 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: 28.11 ng

RT: 7.83 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

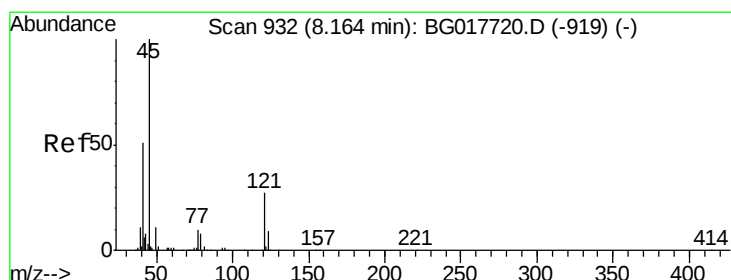
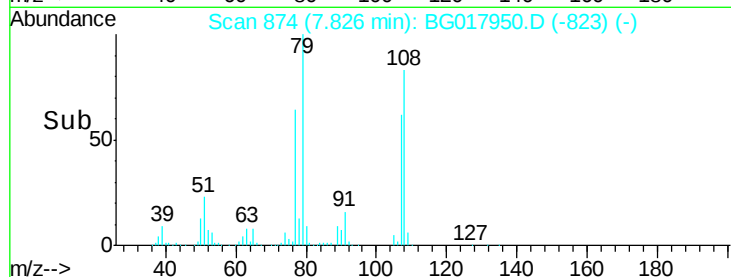
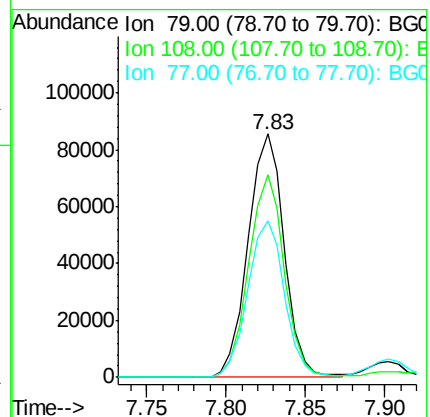
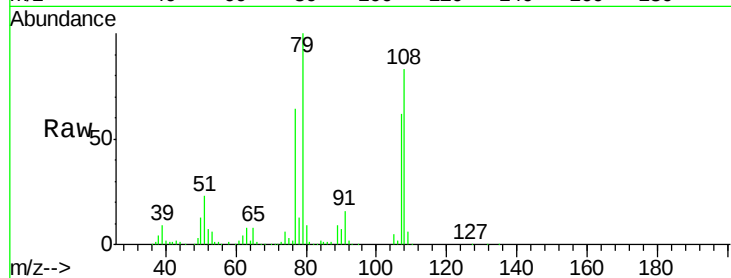
Tgt Ion: 79 Resp: 135370

Ion Ratio Lower Upper

79 100

108 83.3 58.4 87.6

77 64.2 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.90 ng

RT: 8.13 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

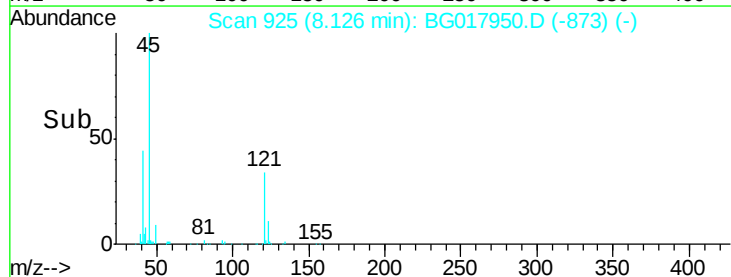
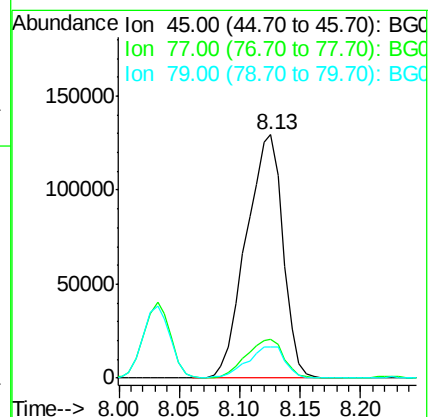
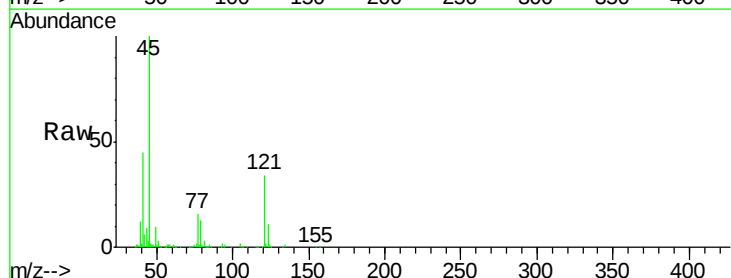
Tgt Ion: 45 Resp: 274307

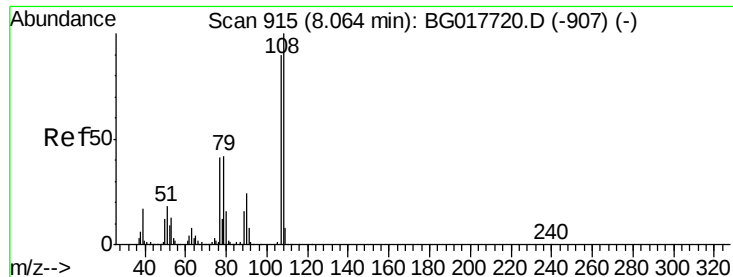
Ion Ratio Lower Upper

45 100

77 16.0 0.0 33.9

79 12.7 0.0 31.4

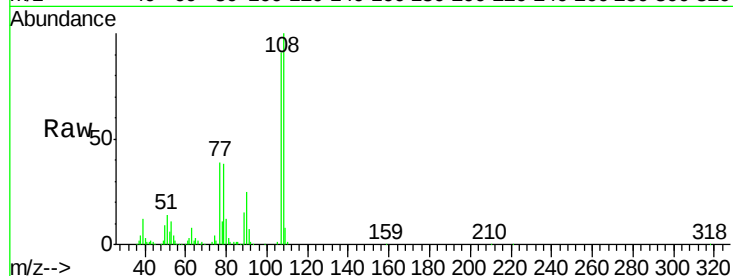




#17
2-Methylphenol
Concen: 29.22 ng
RT: 8.03 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

Tgt Ion:	107	Resp:	141544
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.3	133.9
77	43.3	36.9	55.3
79	41.5	37.6	56.4



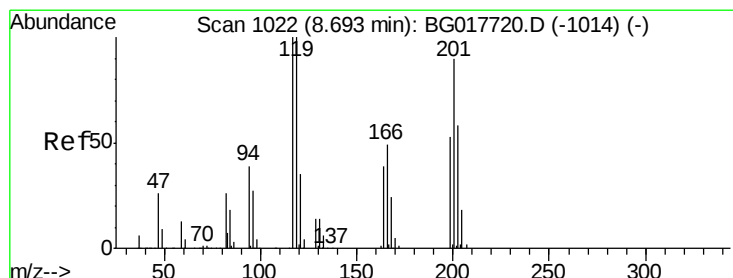
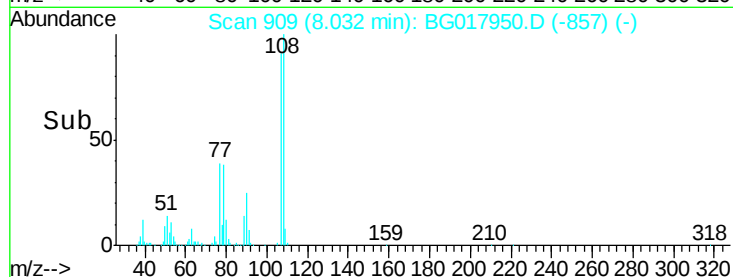
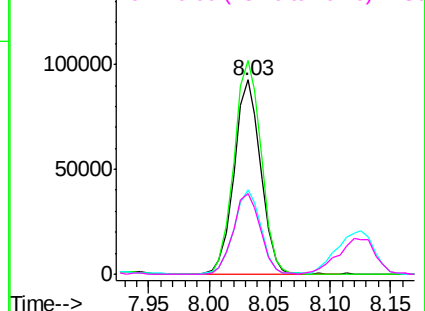
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

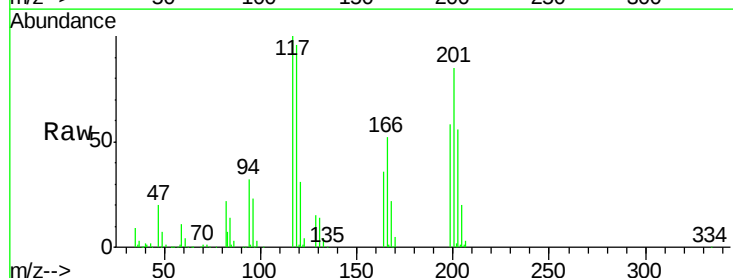
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.65 ng
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:	117	Resp:	96253
Ion	Ratio	Lower	Upper
117	100		
119	96.0	80.1	120.1
201	84.5	71.9	107.9

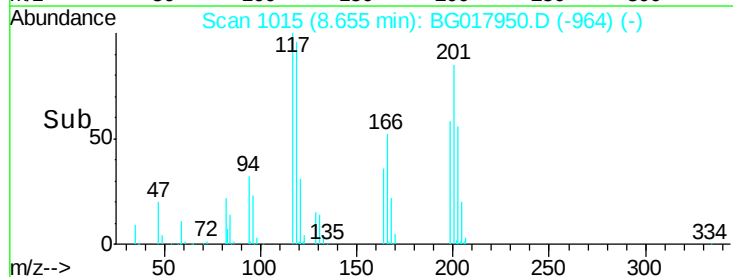
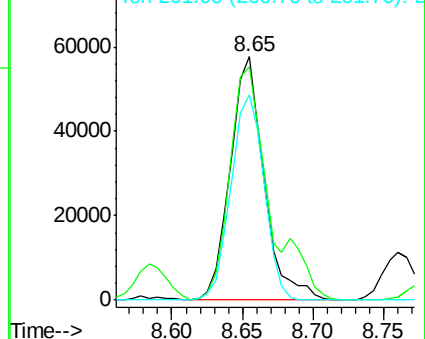


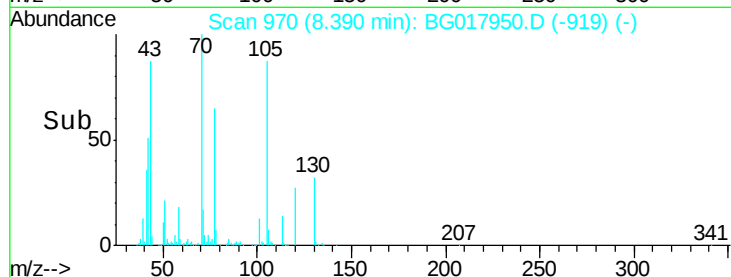
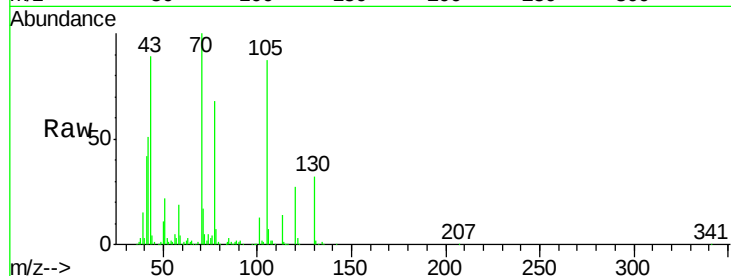
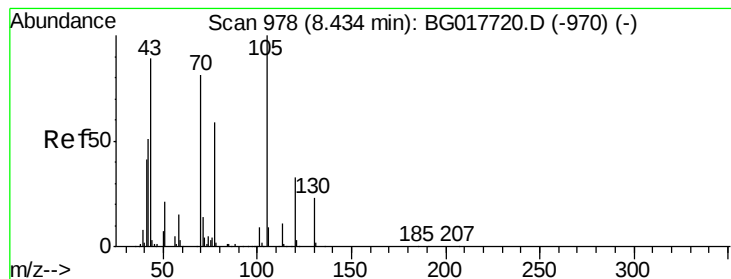
Abundance

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: 41.77 ng

RT: 8.39 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

Tgt Ion: 70 Resp: 198528

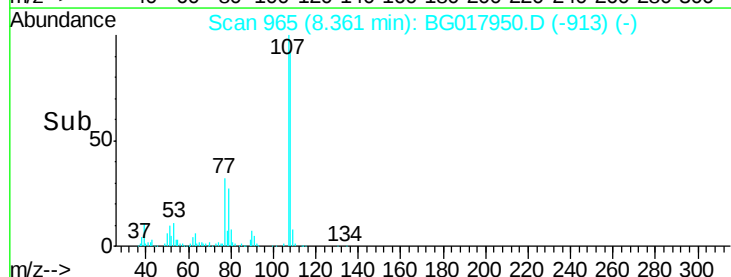
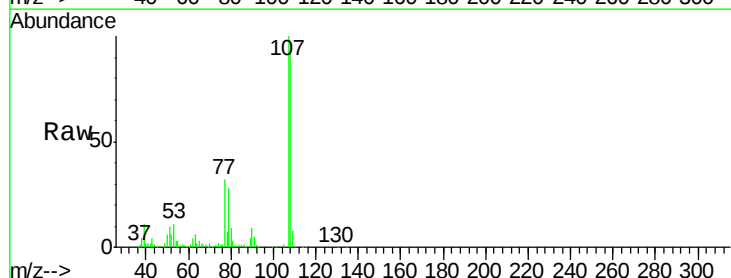
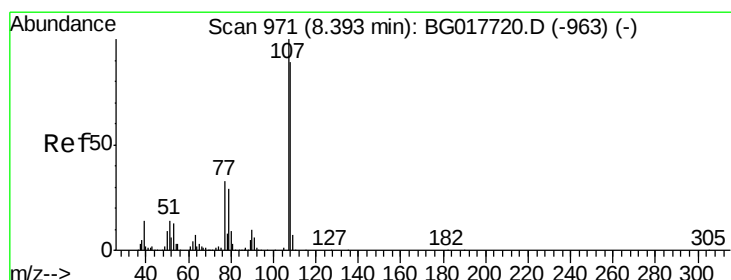
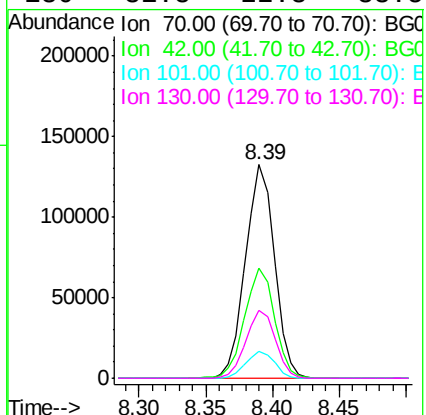
Ion Ratio Lower Upper

70 100

42 51.4 50.8 76.2

101 12.7 8.7 13.1

130 31.8 22.3 33.5



#20

3+4-Methylphenols

Concen: 26.27 ng

RT: 8.36 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Tgt Ion: 107 Resp: 172214

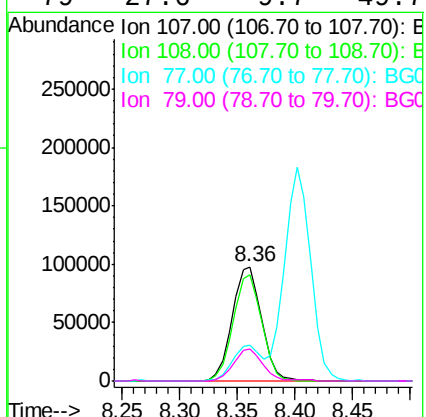
Ion Ratio Lower Upper

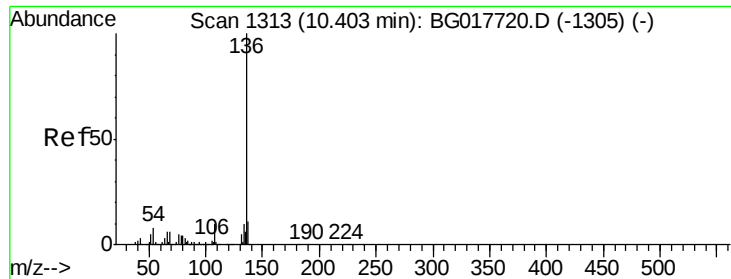
107 100

108 92.8 69.6 109.6

77 31.8 13.0 53.0

79 27.6 9.7 49.7

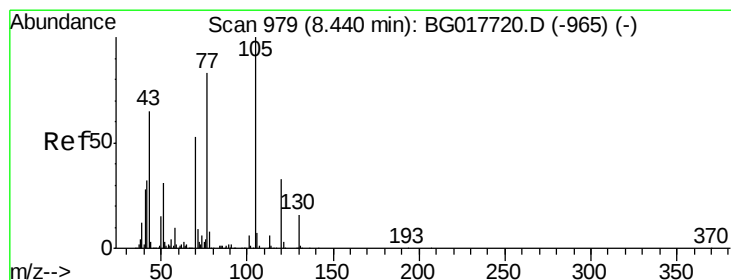
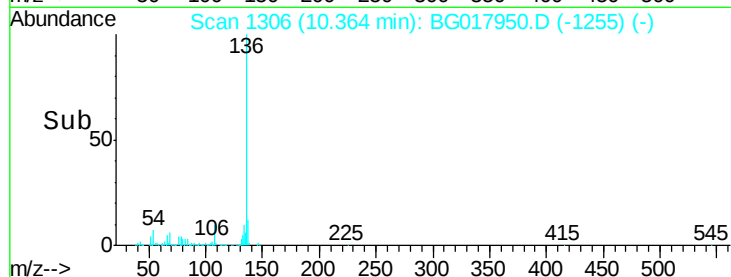
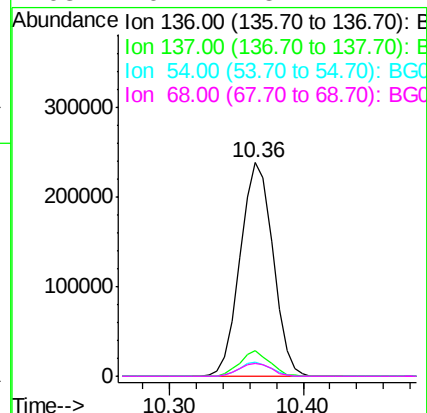
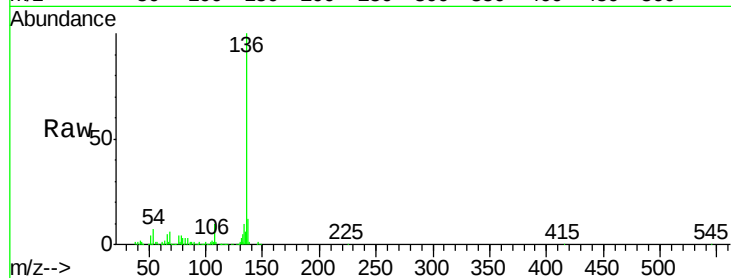




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

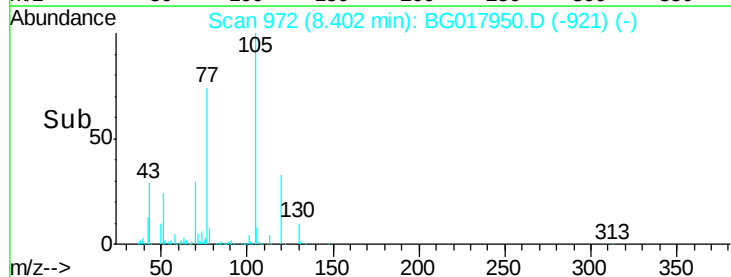
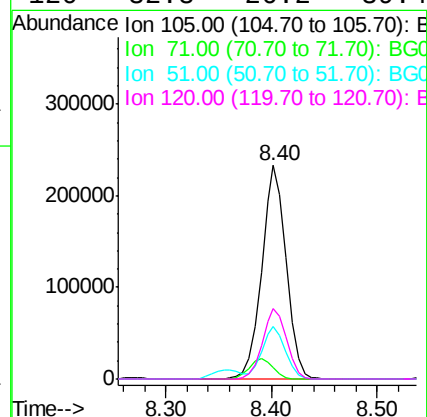
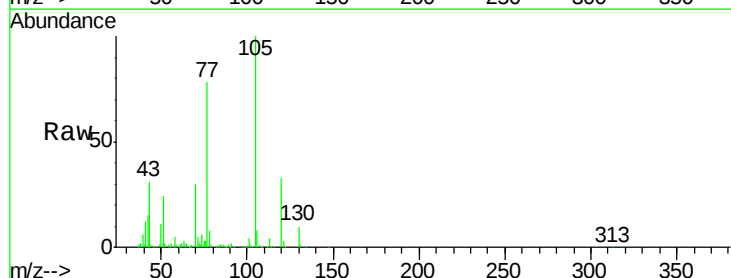
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

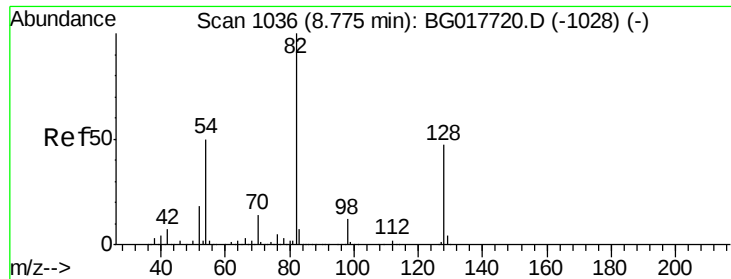
Tgt Ion:	136	Resp:	404099
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	6.7	6.6	9.8
68	6.1	5.1	7.7



#22
Acetophenone
Concen: 42.95 ng
RT: 8.40 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:	105	Resp:	374881
Ion	Ratio	Lower	Upper
105	100		
71	5.4	7.7	11.5#
51	24.4	24.9	37.3#
120	32.8	26.2	39.4

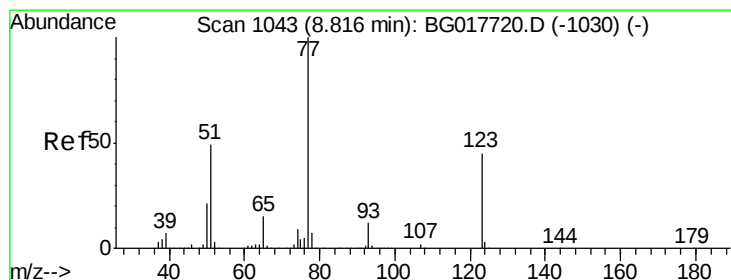
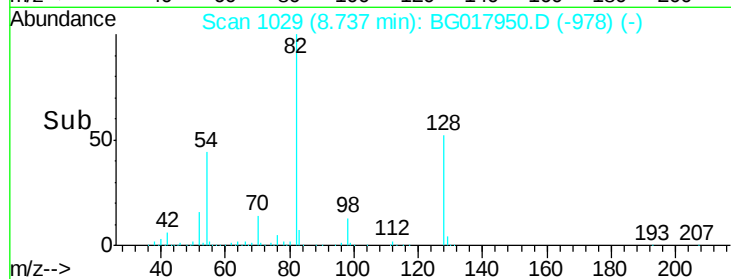
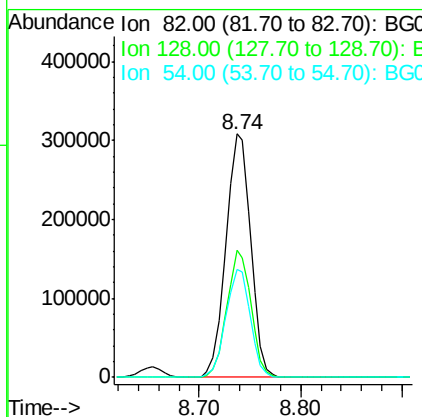
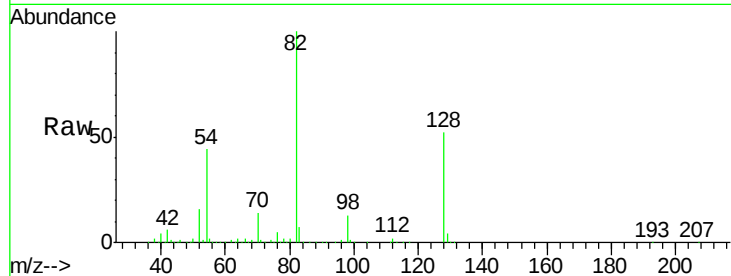




#23
 Nitrobenzene-d5
 Concen: 83.61 ng
 RT: 8.74 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

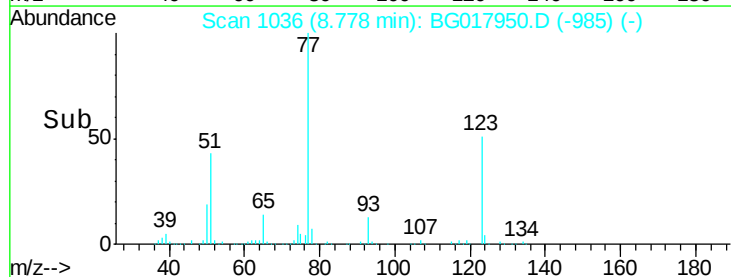
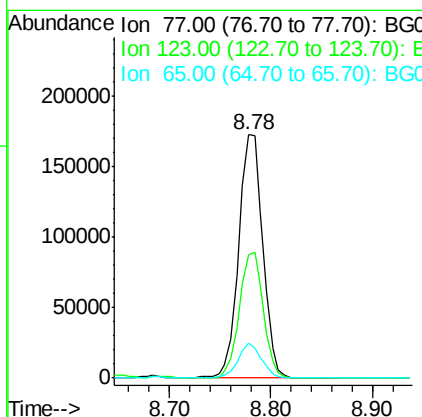
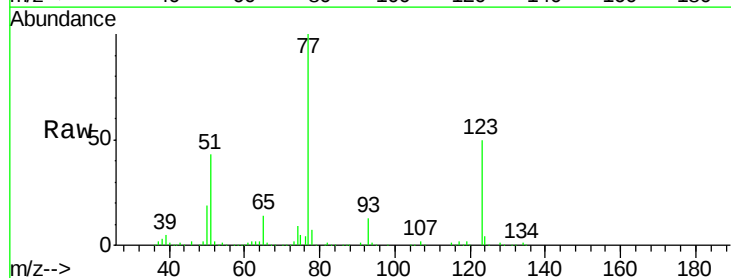
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

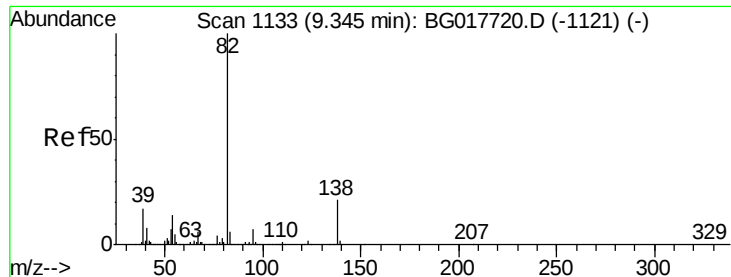
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.8	56.6
54	44.3	39.9	59.9



#24
 Nitrobenzene
 Concen: 42.76 ng
 RT: 8.78 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	36.2	54.2
65	14.2	11.7	17.5

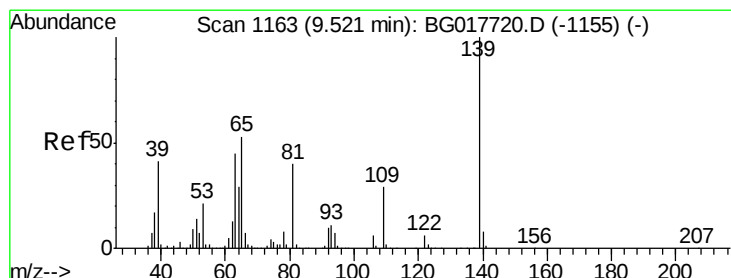
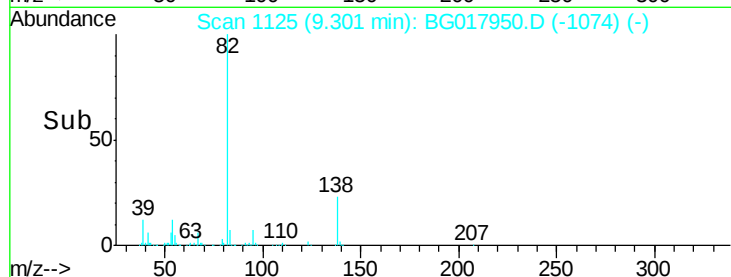
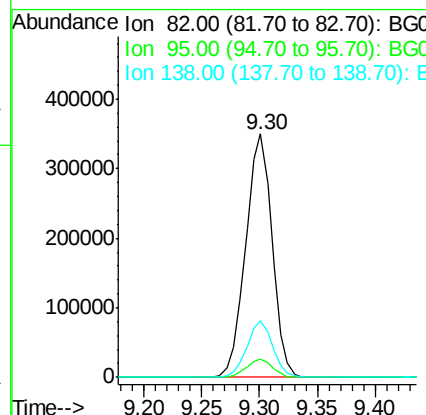
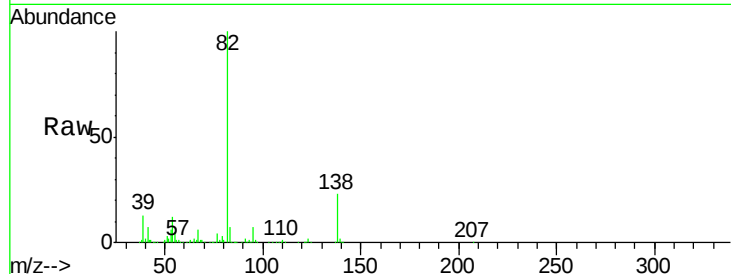




#25
Isophorone
Concen: 42.42 ng
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

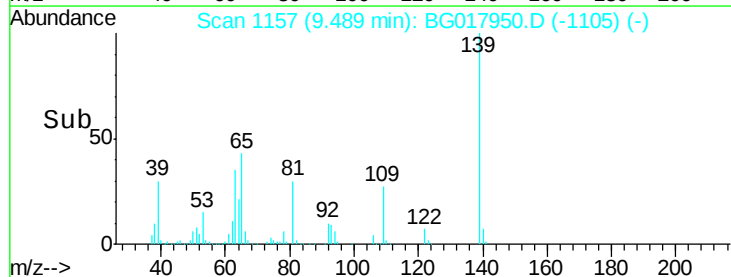
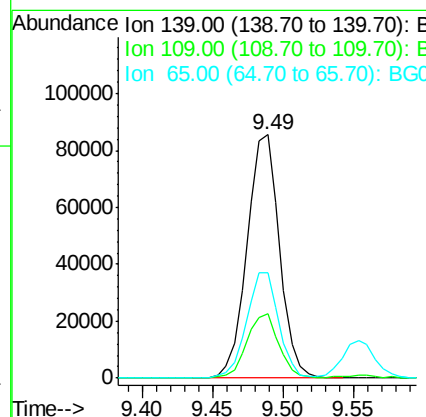
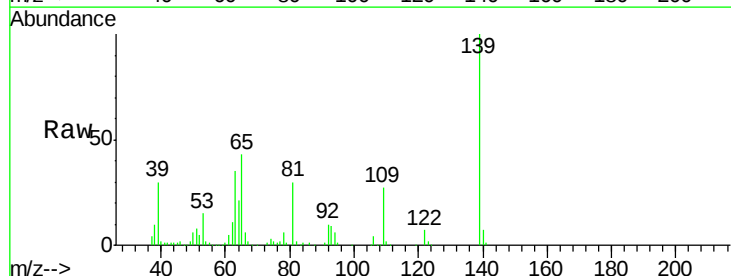
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

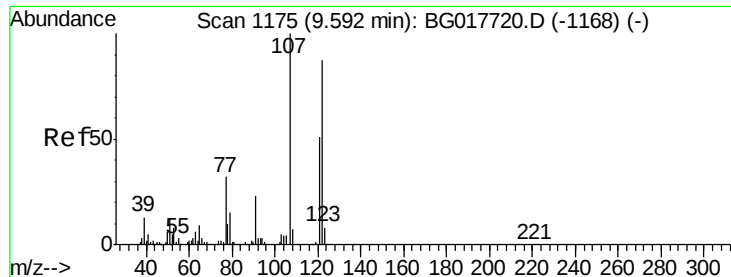
Tgt Ion: 82 Resp: 555091
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 23.5 17.0 25.6



#26
2-Nitrophenol
Concen: 43.43 ng
RT: 9.49 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion: 139 Resp: 137756
Ion Ratio Lower Upper
139 100
109 26.6 23.0 34.4
65 43.1 42.0 63.0

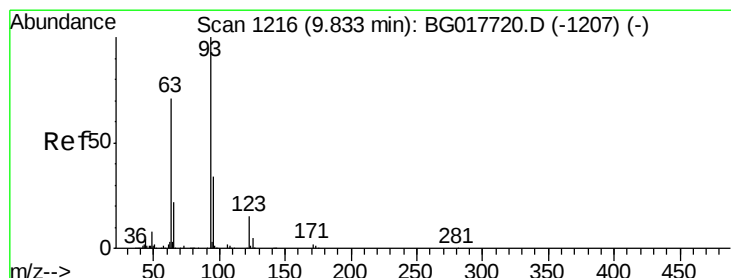
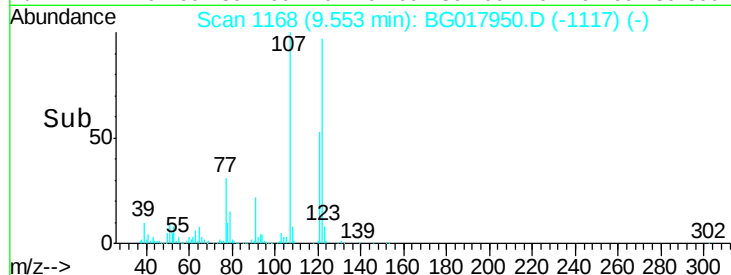
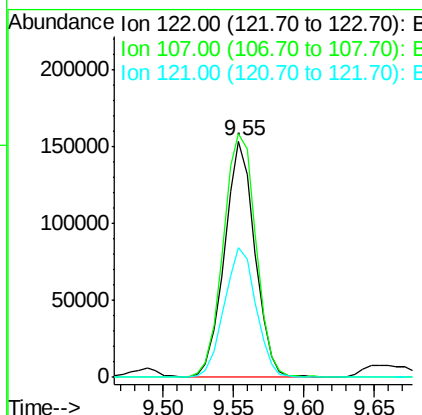
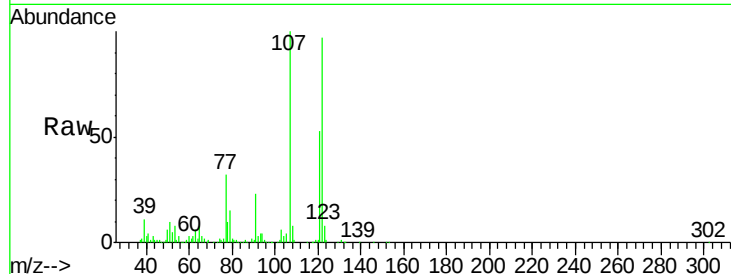




#27
 2,4-Dimethylphenol
 Concen: 39.70 ng
 RT: 9.55 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

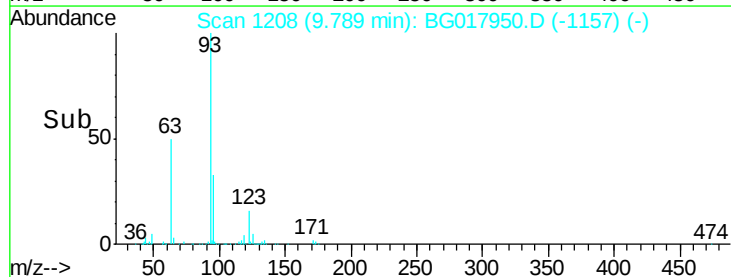
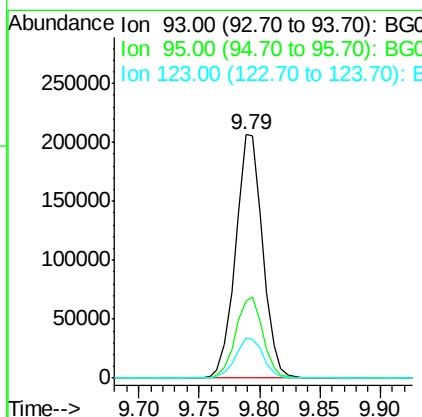
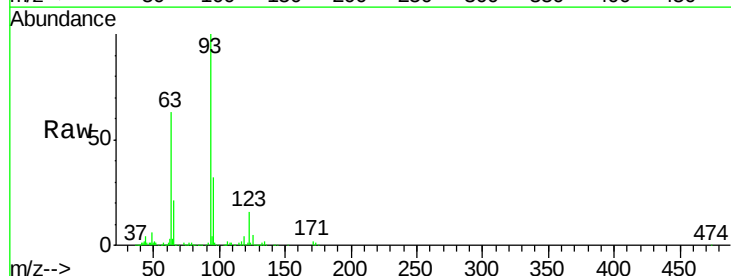
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

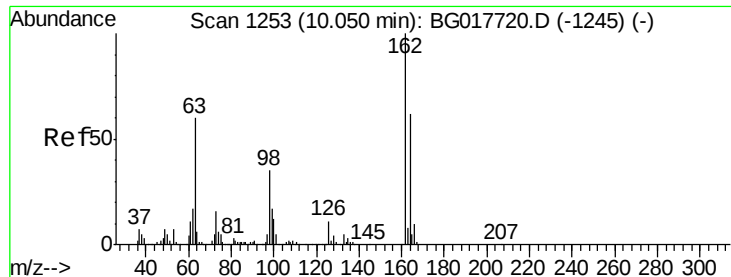
Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.0	92.2	138.2
121	54.9	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.32 ng
 RT: 9.79 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.9	40.3
123	16.3	12.0	18.0

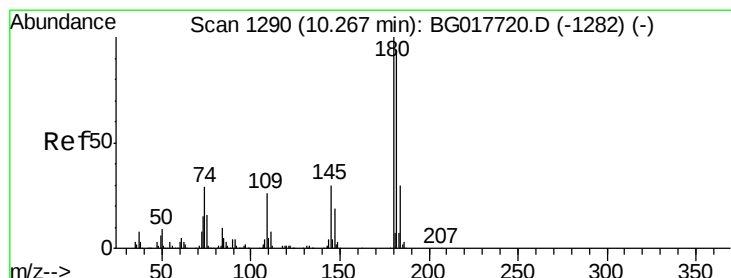
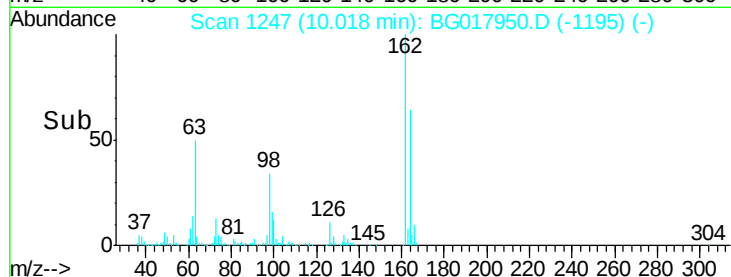
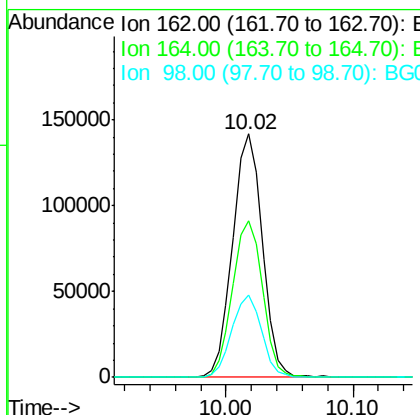
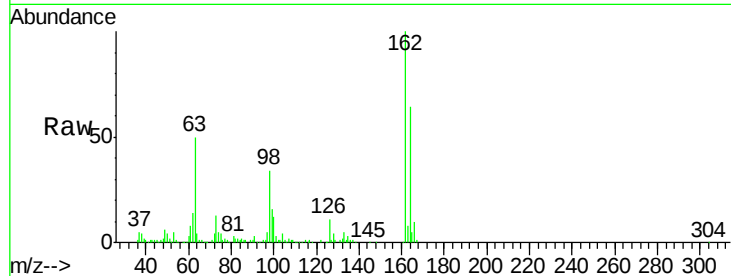




#29
2,4-Dichlorophenol
Concen: 44.76 ng
RT: 10.02 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

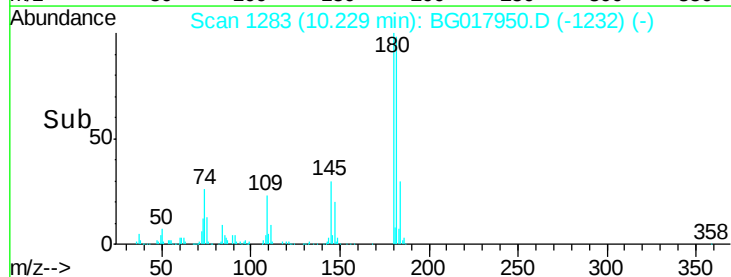
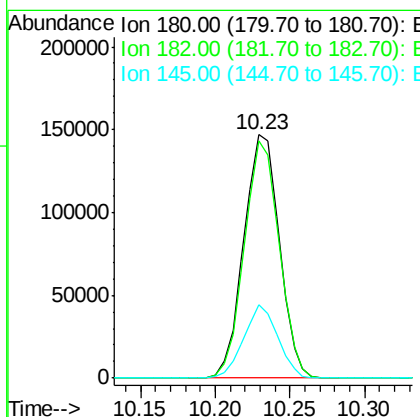
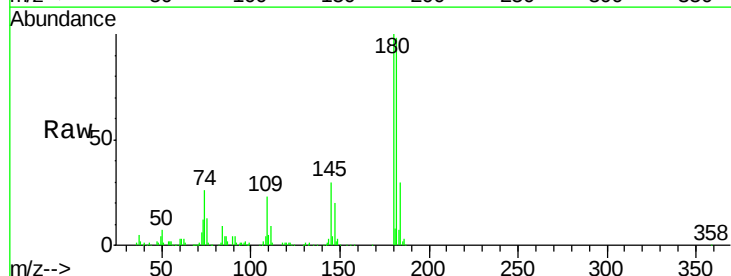
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

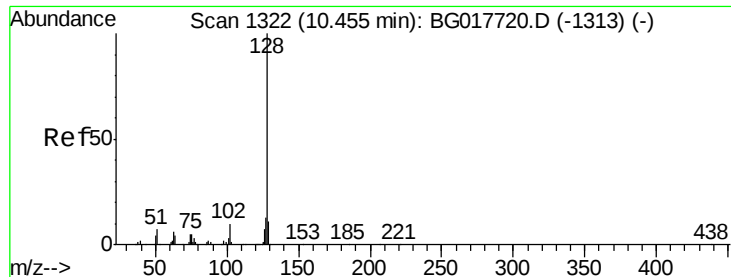
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.5	82.5
98	34.0	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 39.63 ng
RT: 10.23 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.2	112.8
145	29.9	24.1	36.1

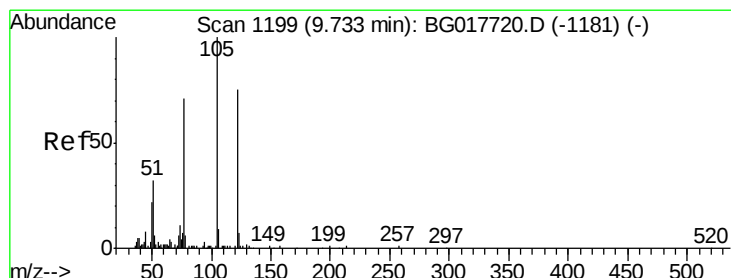
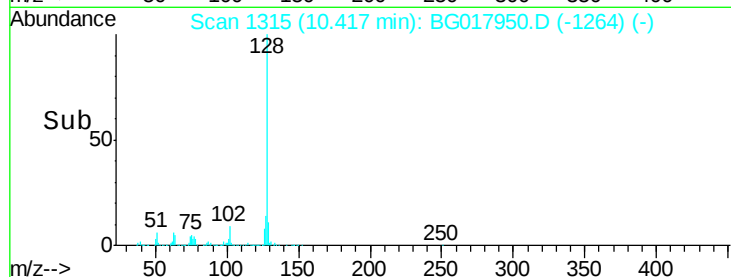
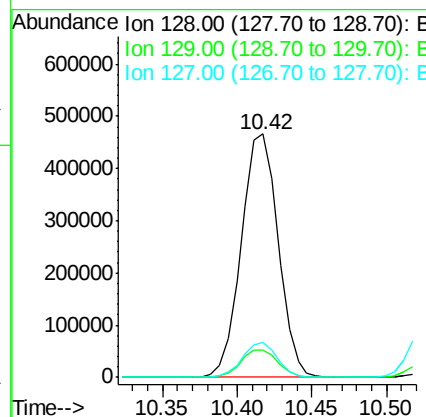
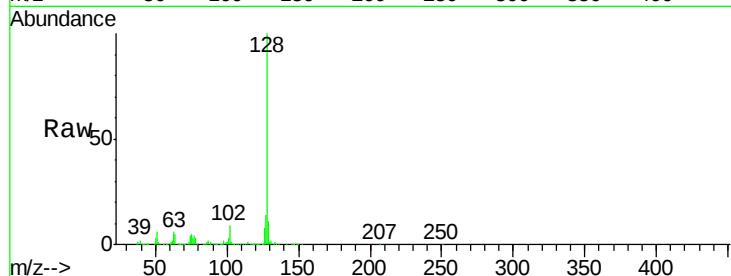




#31
Naphthalene
Concen: 40.27 ng
RT: 10.42 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

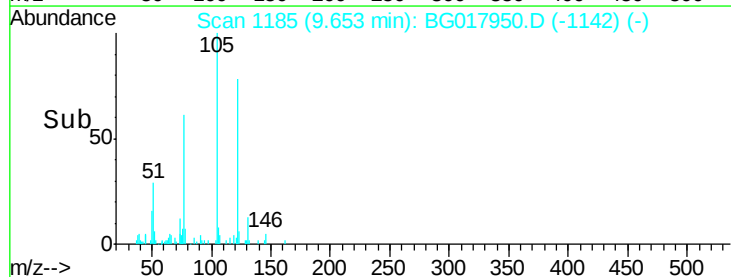
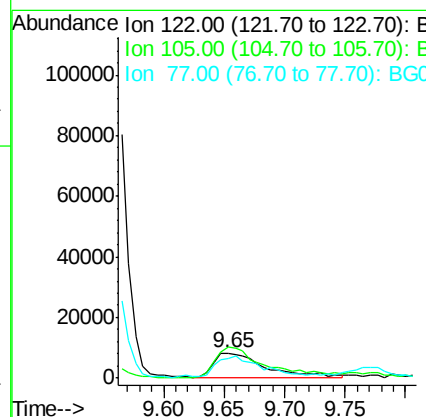
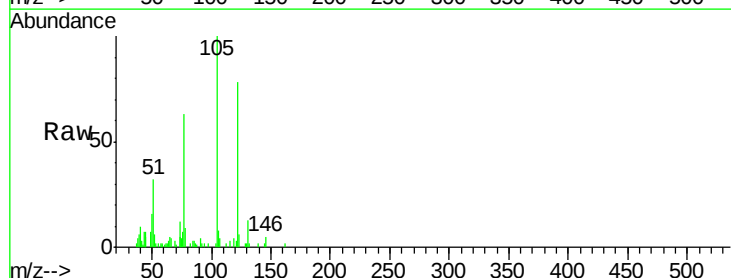
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

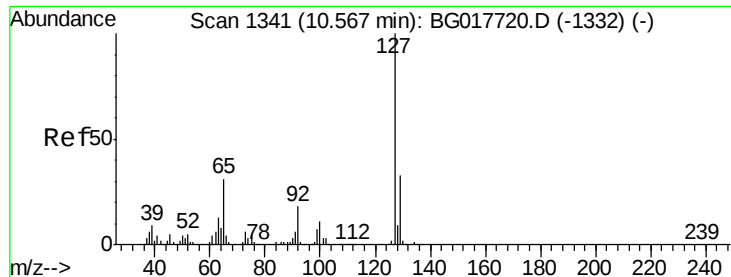
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.2	10.7	16.1



#32
Benzoic acid
Concen: 17.75 ng
RT: 9.65 min Scan# 1185
Delta R.T. -0.05 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	111.3	151.3
77	80.2	75.2	115.2

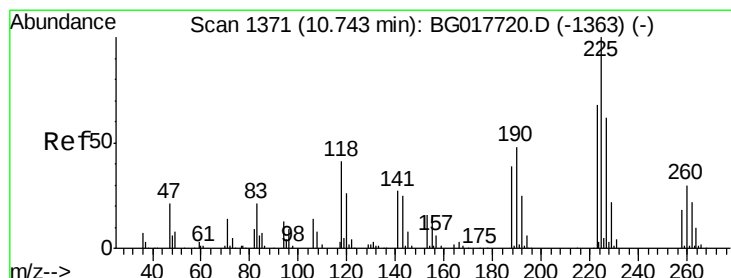
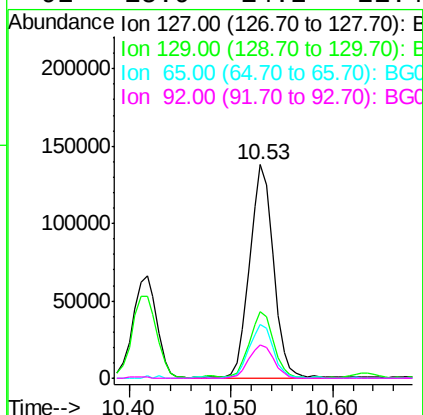
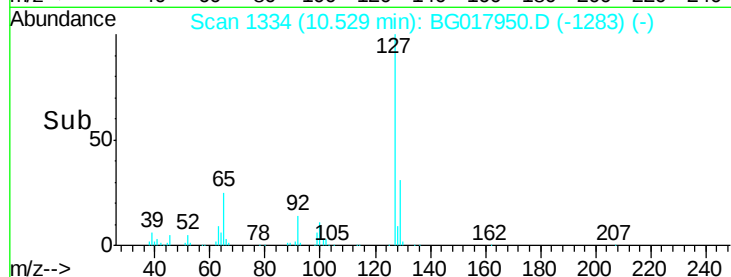
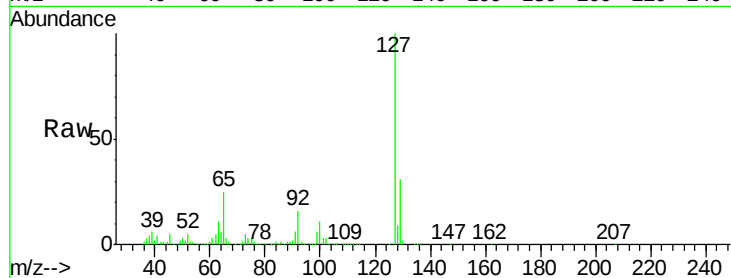




#33
4-Chloroaniline
Concen: 25.55 ng
RT: 10.53 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

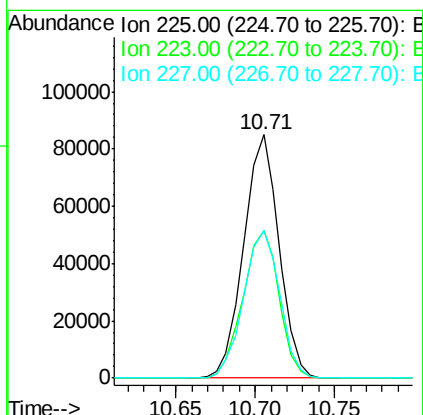
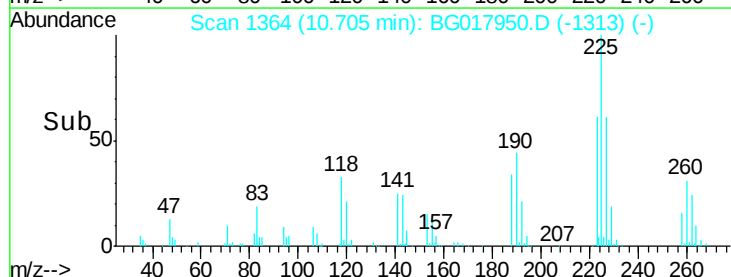
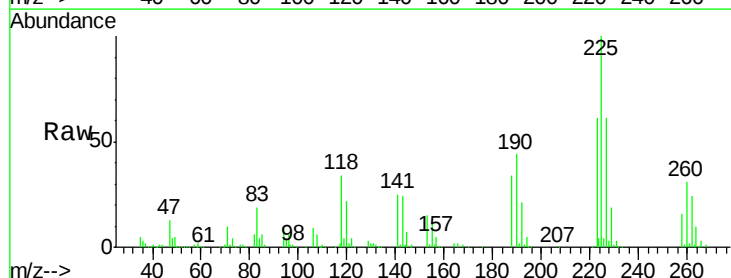
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

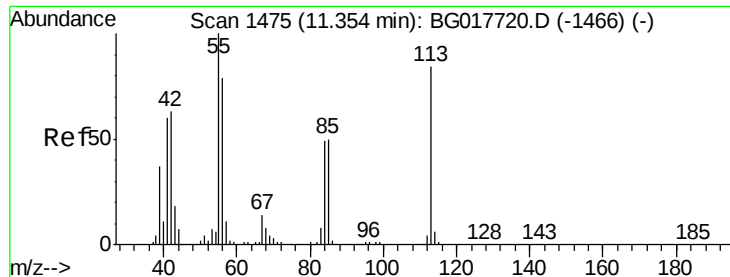
Tgt Ion:	127	Resp:	225245
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.7	40.1
65	25.0	24.6	37.0
92	15.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 38.19 ng
RT: 10.71 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:	225	Resp:	131427
Ion	Ratio	Lower	Upper
225	100		
223	60.9	54.3	81.5
227	60.8	49.4	74.0





#35

Caprolactam

Concen: 7.02 ng

RT: 11.31 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

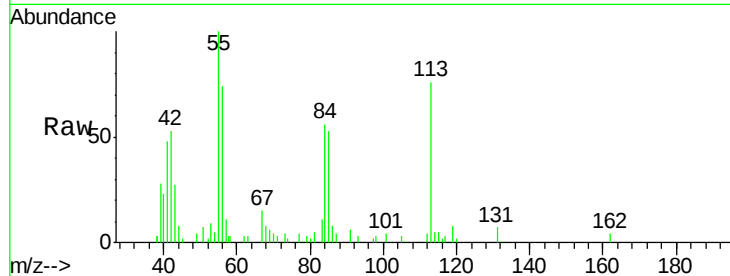
Tgt Ion:113 Resp: 18338

Ion Ratio Lower Upper

113 100

55 130.9 100.8 140.8

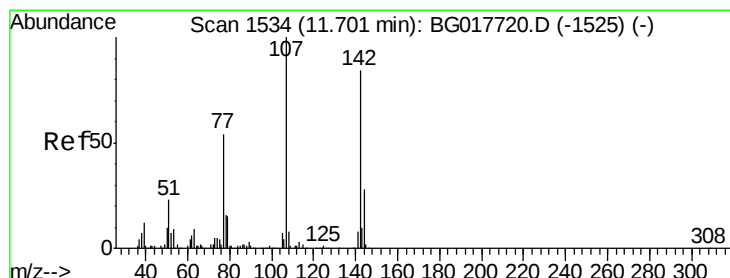
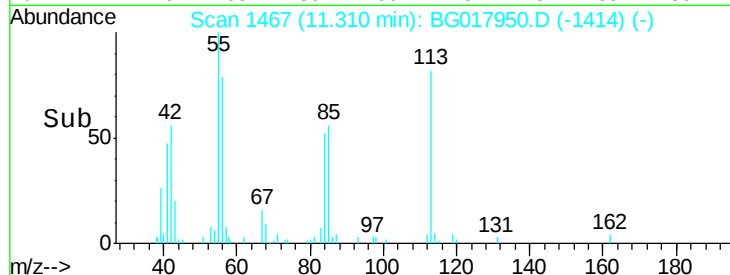
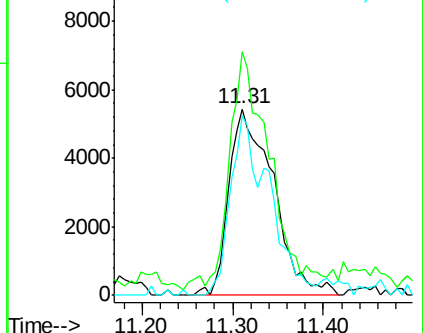
56 96.5 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.77 ng

RT: 11.66 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

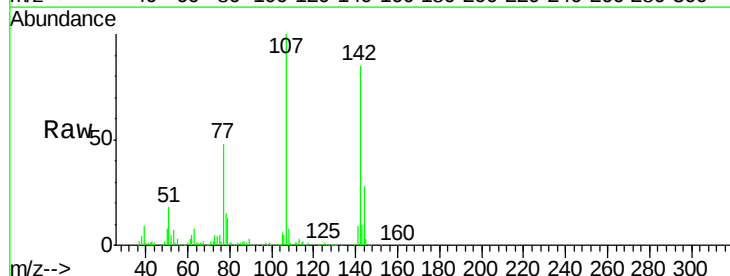
Tgt Ion:107 Resp: 237879

Ion Ratio Lower Upper

107 100

144 28.3 22.2 33.4

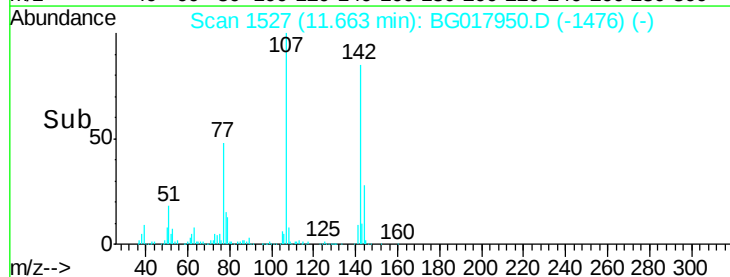
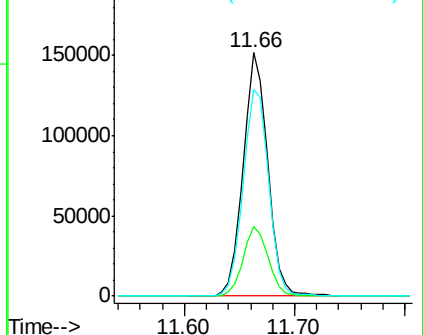
142 85.0 67.1 100.7

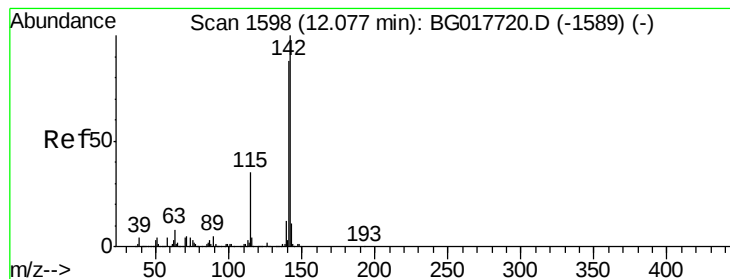


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.08 ng

RT: 12.04 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

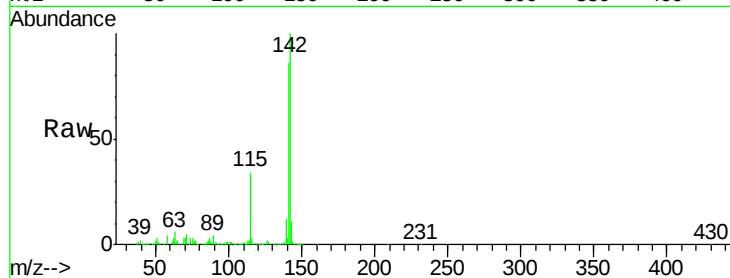
Tgt Ion:142 Resp: 611539

Ion Ratio Lower Upper

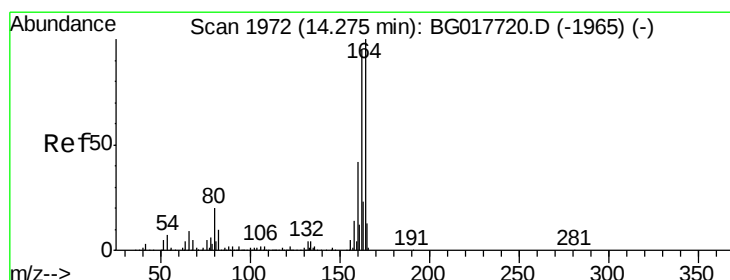
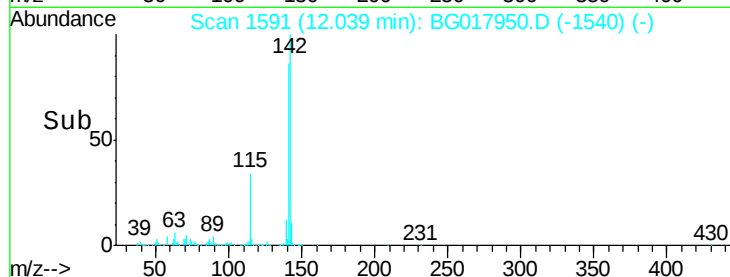
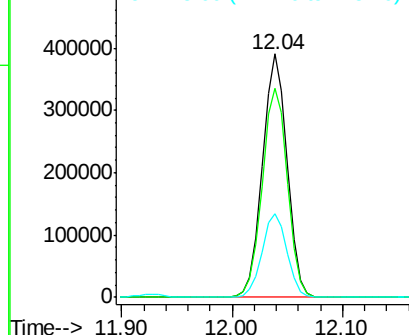
142 100

141 85.8 70.7 106.1

115 34.1 27.8 41.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

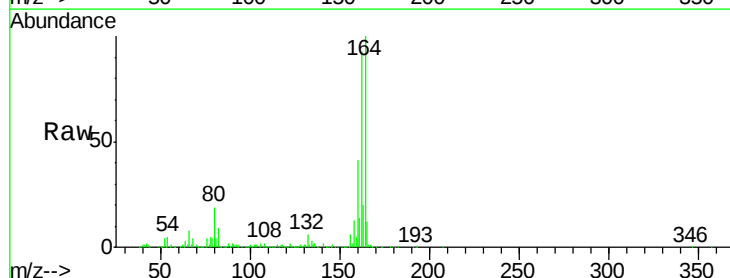
Tgt Ion:164 Resp: 256342

Ion Ratio Lower Upper

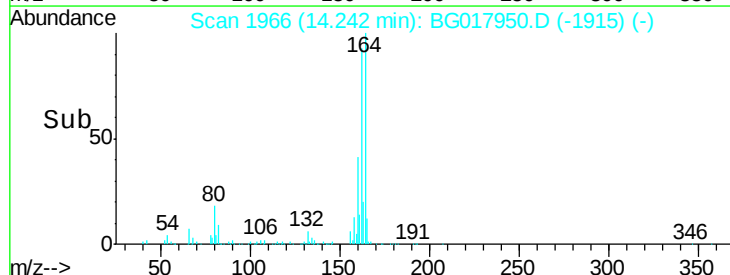
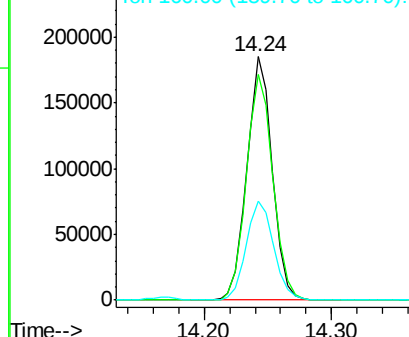
164 100

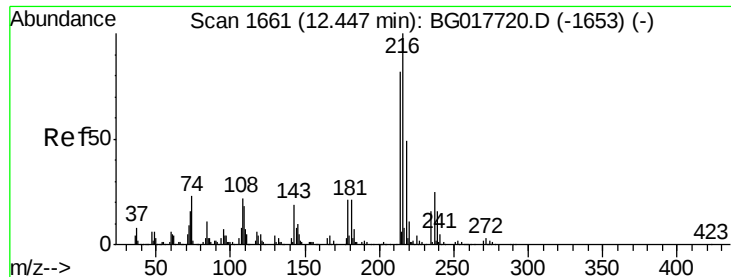
162 92.5 76.3 114.5

160 40.7 33.7 50.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.29 ng

RT: 12.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

Tgt Ion:216 Resp: 276862

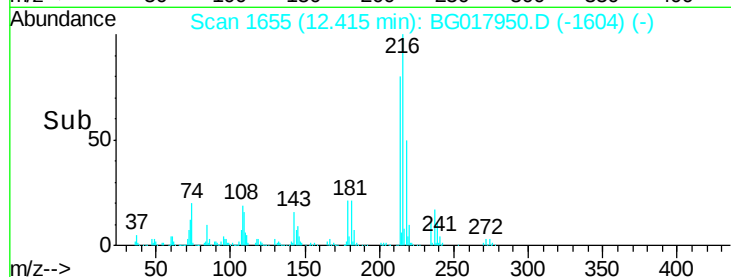
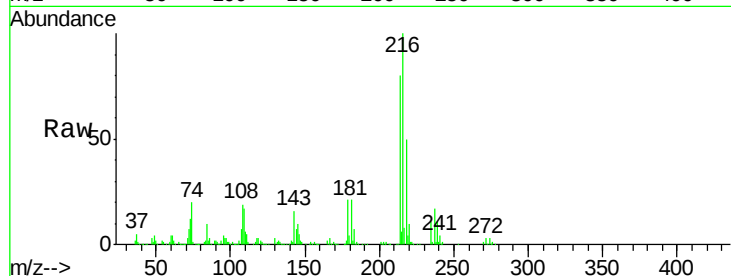
Ion Ratio Lower Upper

216 100

214 78.4 64.5 96.7

179 21.1 16.7 25.1

108 23.3 18.6 27.8

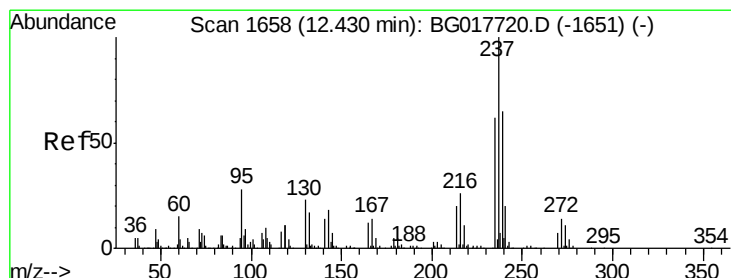
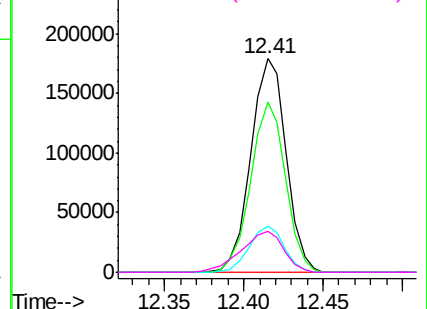


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.76 ng

RT: 12.40 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

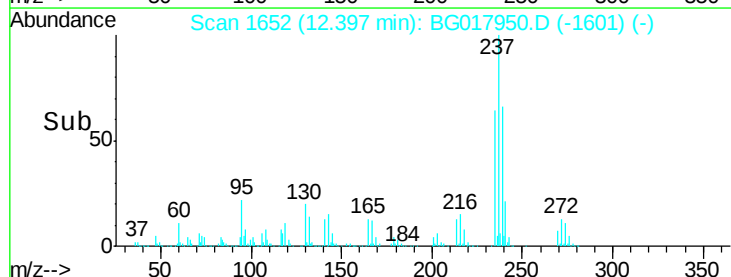
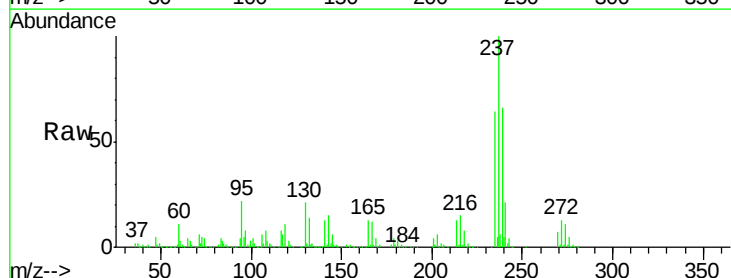
Tgt Ion:237 Resp: 321345

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

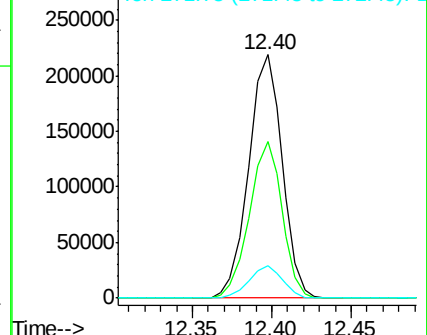
272 13.4 0.0 33.9

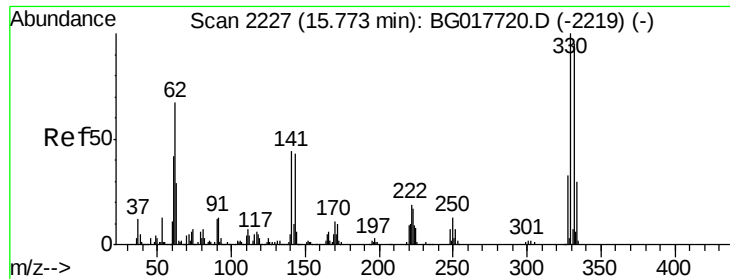


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

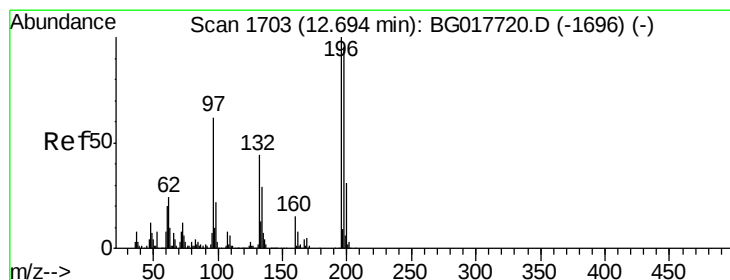
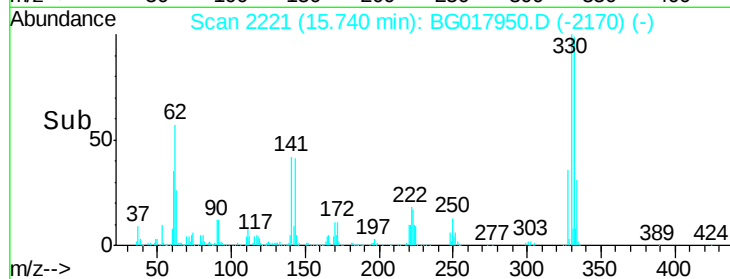
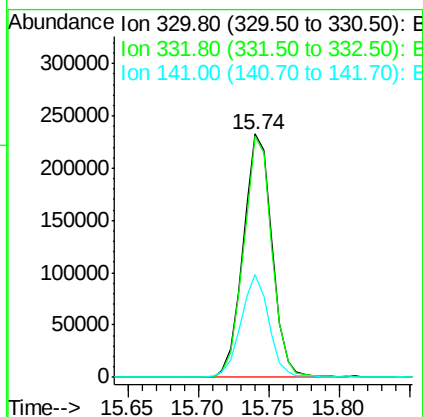
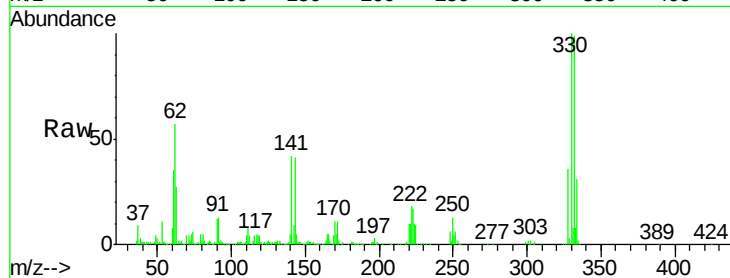




#41
 2,4,6-Tribromophenol
 Concen: 128.00 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

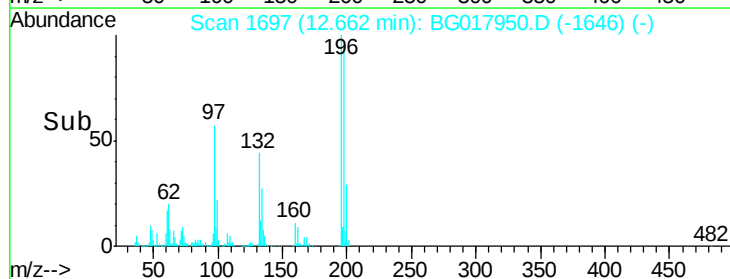
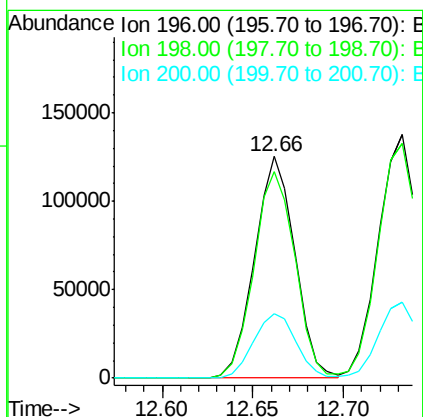
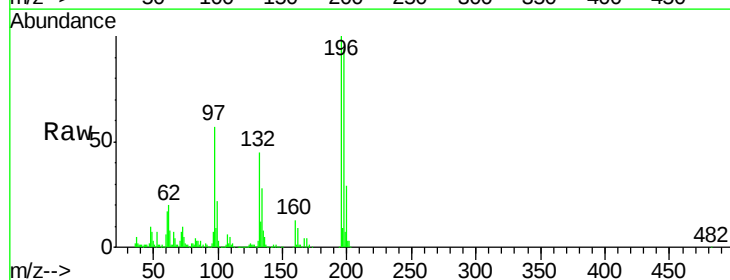
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

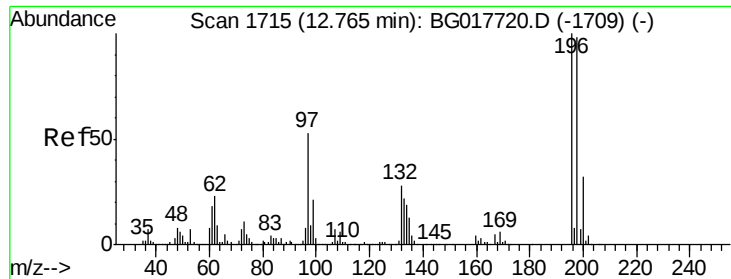
Tgt Ion:330 Resp: 332437
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 40.7 38.0 57.0



#42
 2,4,6-Trichlorophenol
 Concen: 43.24 ng
 RT: 12.66 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion:196 Resp: 193210
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.4
 200 29.4 24.6 36.8

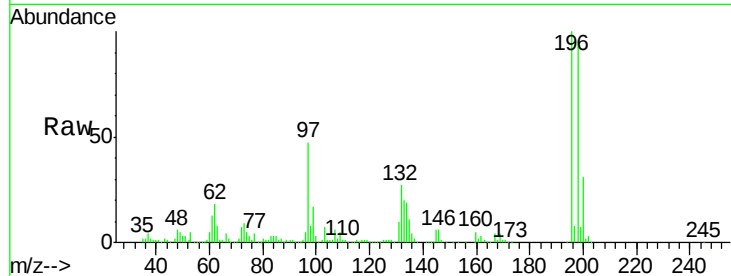




#43
2,4,5-Trichlorophenol
Concen: 45.66 ng
RT: 12.73 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

Tgt Ion	Resp	Lower	Upper
196	212162		
198	96.4	78.1	117.1
97	46.9	42.6	64.0
132	27.1	22.6	33.8



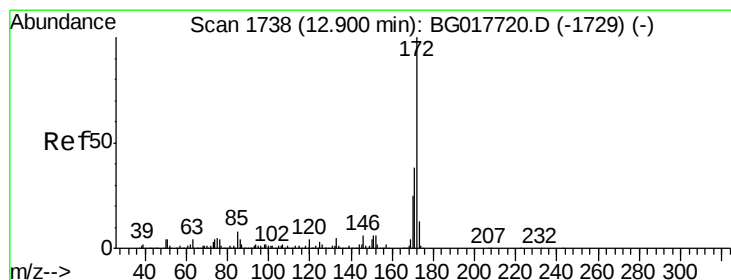
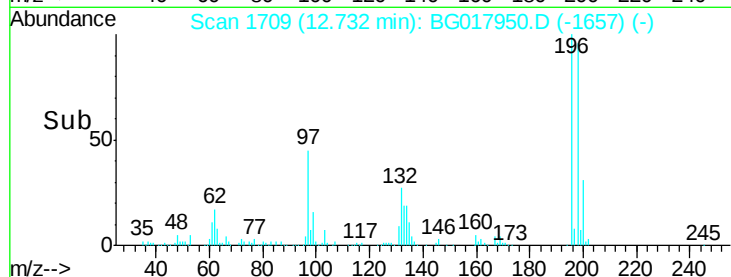
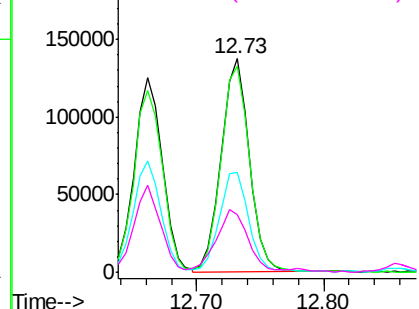
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

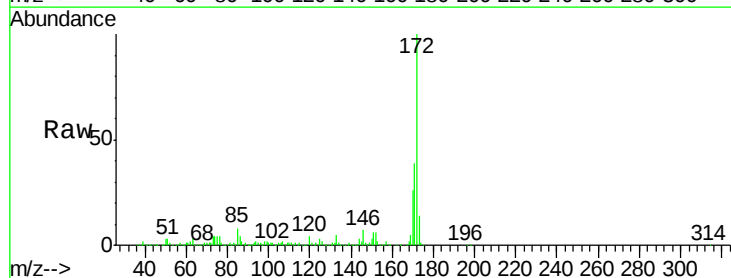
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 84.55 ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion	Resp	Lower	Upper
172	1250741		
171	38.7	30.7	46.1
170	25.7	19.7	29.5

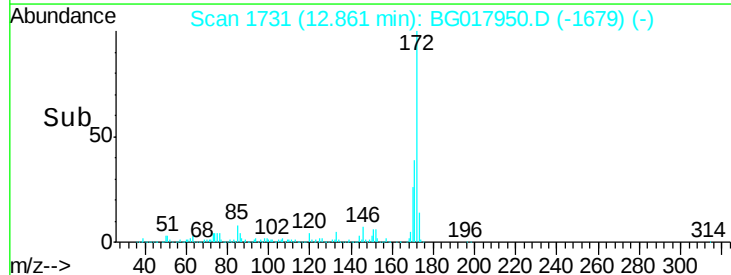
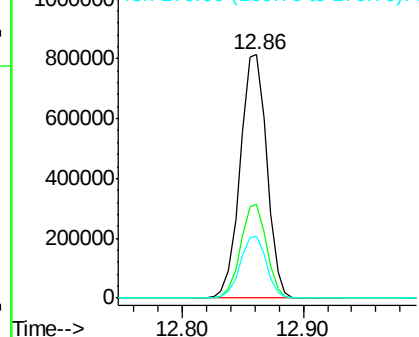


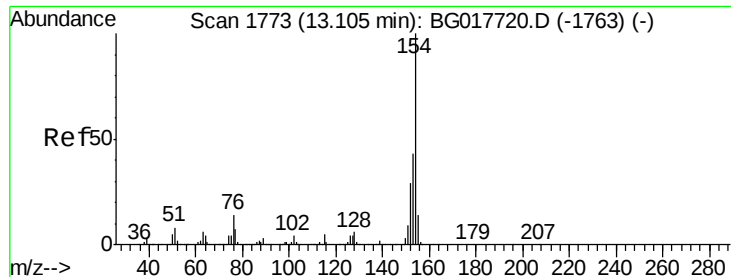
Abundance

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

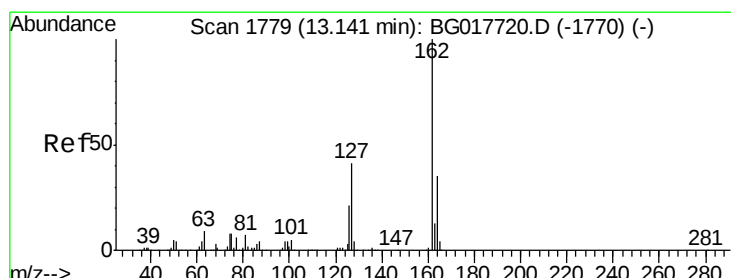
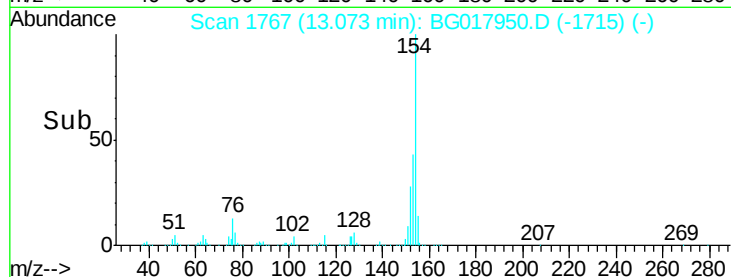
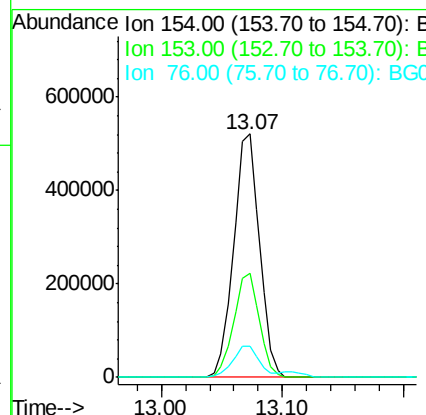
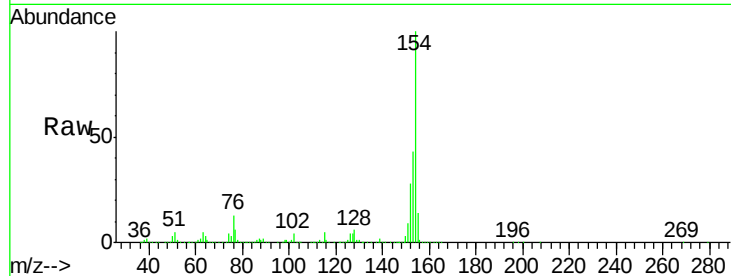




#45
 1,1'-Biphenyl
 Concen: 43.15 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

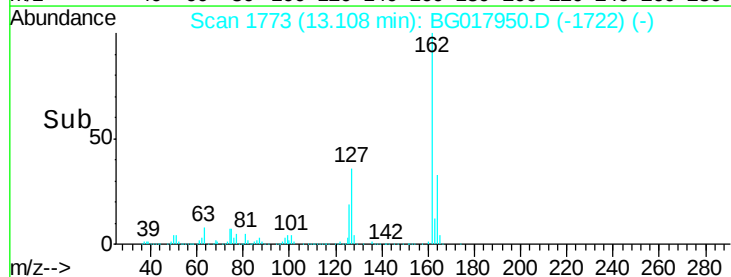
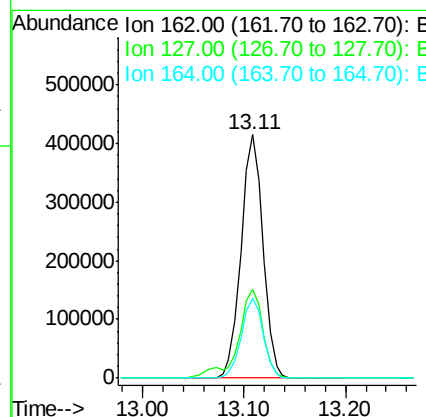
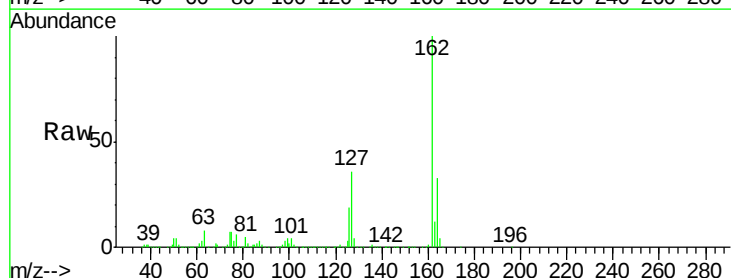
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

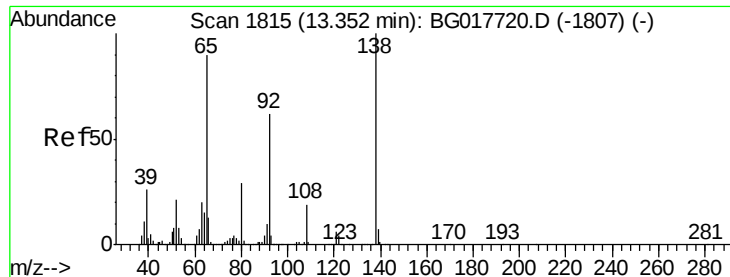
Tgt Ion:154 Resp: 774401
 Ion Ratio Lower Upper
 154 100
 153 42.9 23.5 63.5
 76 13.0 0.0 33.7



#46
 2-Chloronaphthalene
 Concen: 42.70 ng
 RT: 13.11 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion:162 Resp: 620978
 Ion Ratio Lower Upper
 162 100
 127 36.5 33.2 49.8
 164 32.8 27.7 41.5

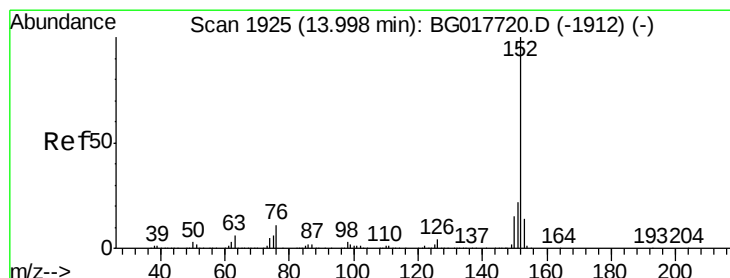
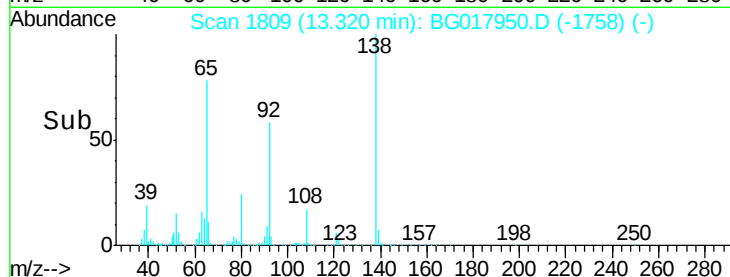
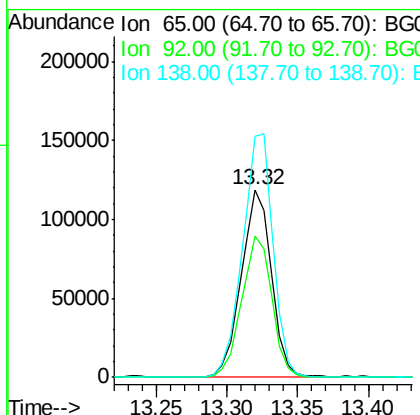
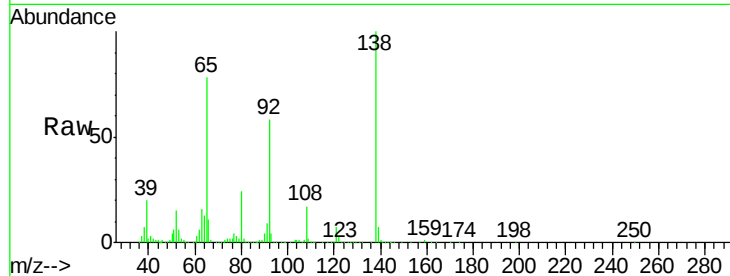




#47
2-Nitroaniline
Concen: 45.14 ng
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

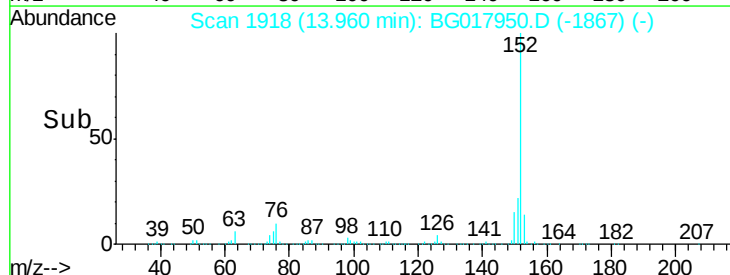
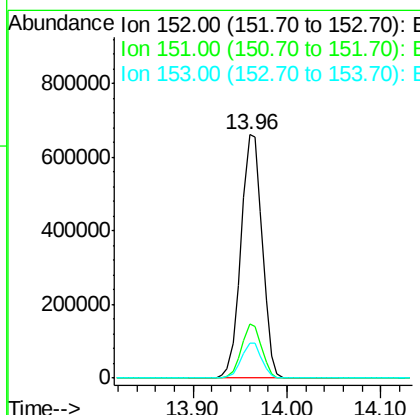
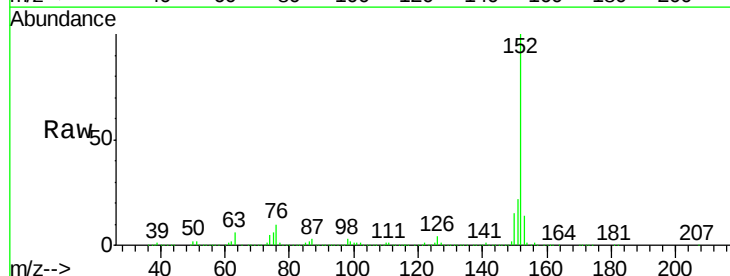
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

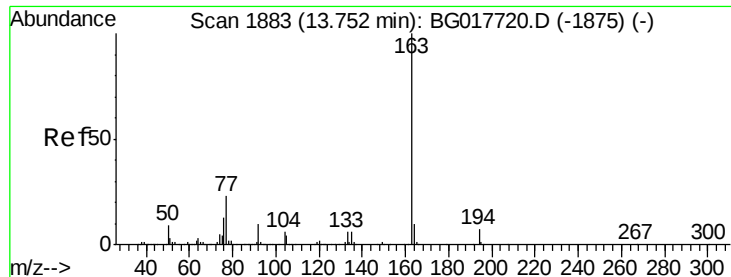
Tgt Ion: 65 Resp: 176289
Ion Ratio Lower Upper
65 100
92 75.0 55.4 83.2
138 128.7 89.1 133.7



#48
Acenaphthylene
Concen: 42.69 ng
RT: 13.96 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion: 152 Resp: 1035441
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2
153 14.4 11.0 16.6





#49

Dimethylphthalate

Concen: 48.44 ng

RT: 13.71 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

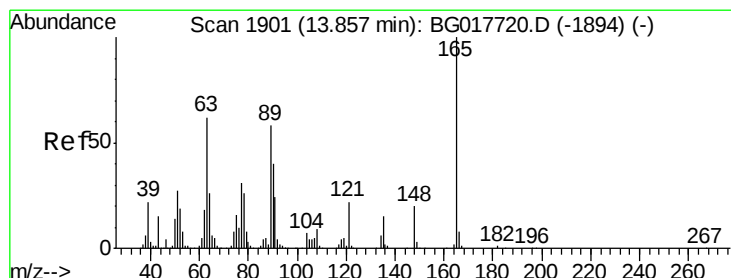
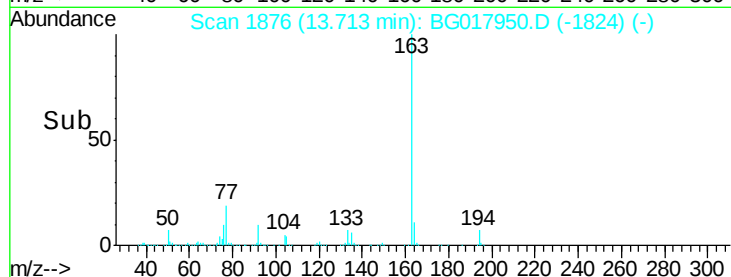
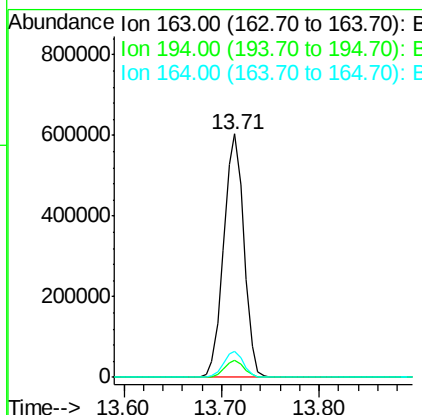
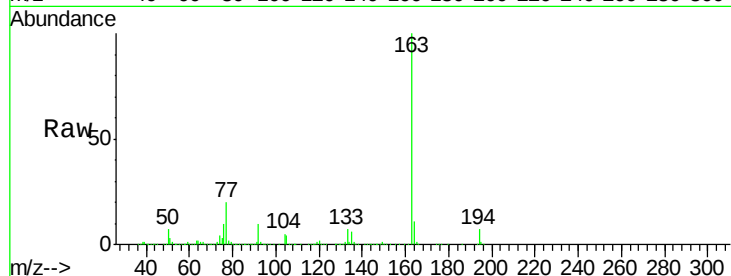
Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

Tgt Ion:	163	Resp:	862575
Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.8	8.6
164	10.6	8.3	12.5



#50

2,6-Dinitrotoluene

Concen: 47.07 ng

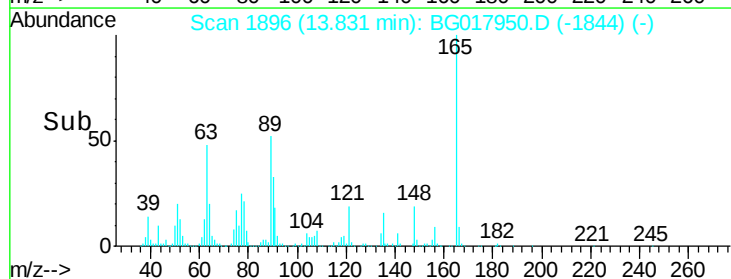
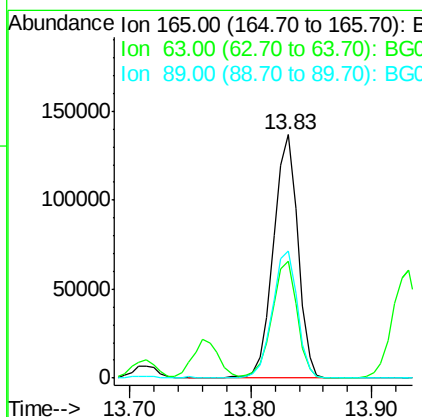
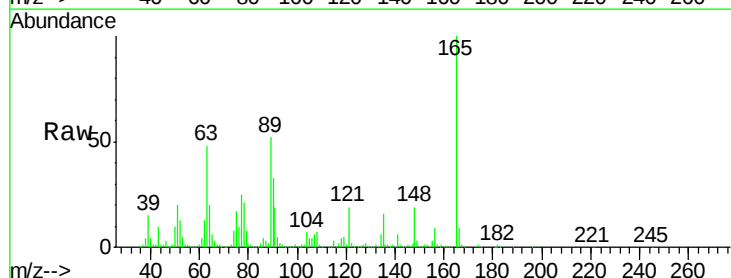
RT: 13.83 min Scan# 1896

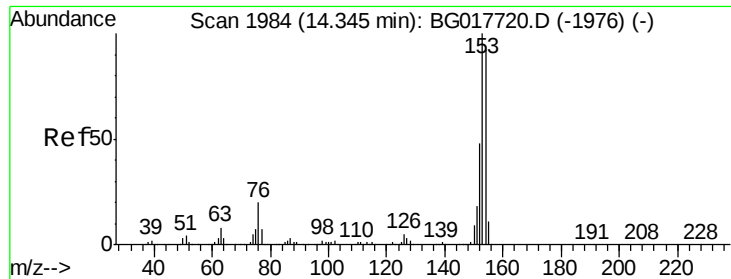
Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Tgt Ion:	165	Resp:	189941
Ion	Ratio	Lower	Upper
165	100		
63	48.1	50.2	75.2#
89	52.4	46.6	69.8





#51

Acenaphthene

Concen: 43.32 ng

RT: 14.31 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

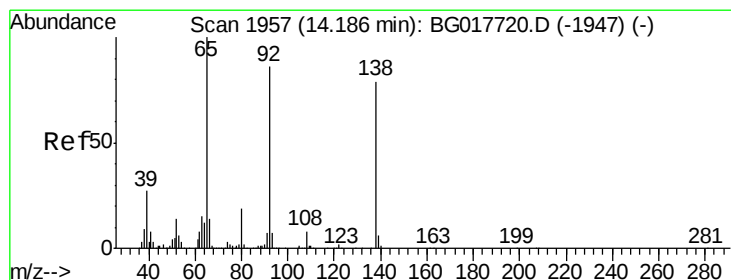
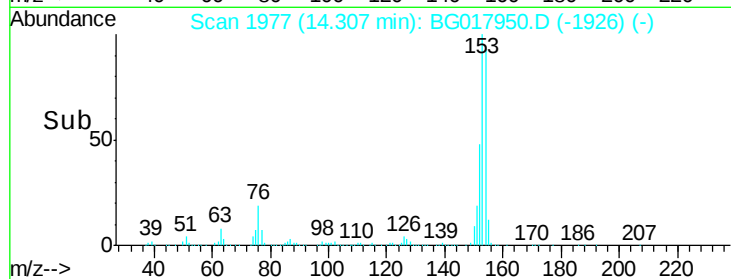
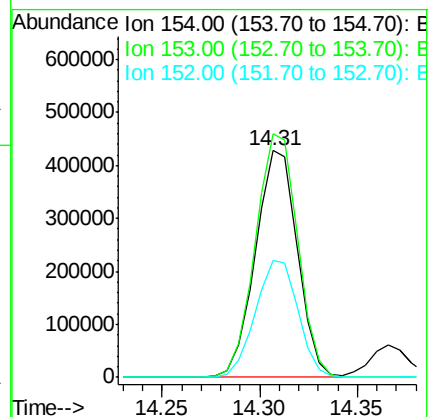
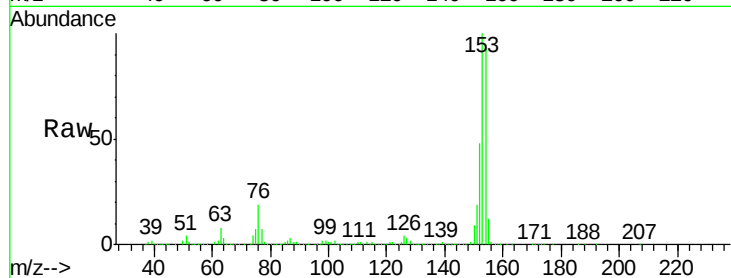
Tgt Ion:154 Resp: 636313

Ion Ratio Lower Upper

154 100

153 107.3 87.0 130.4

152 51.7 41.4 62.0



#52

3-Nitroaniline

Concen: 31.34 ng

RT: 14.15 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

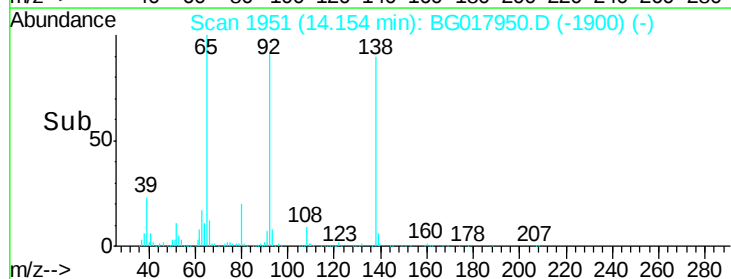
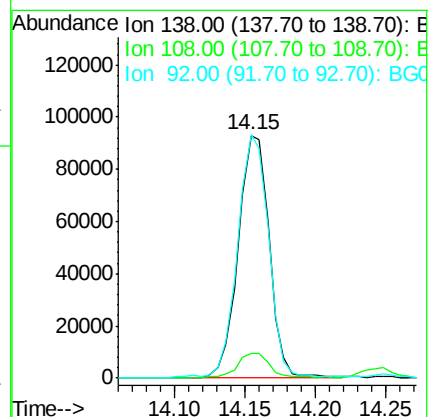
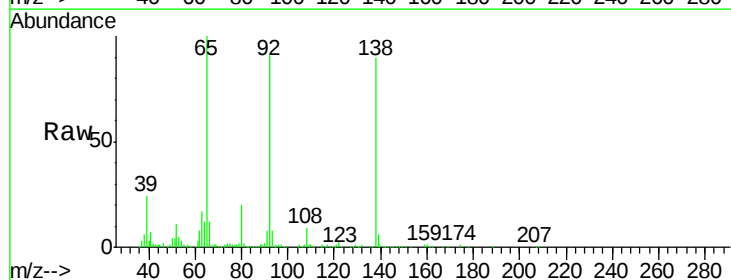
Tgt Ion:138 Resp: 142164

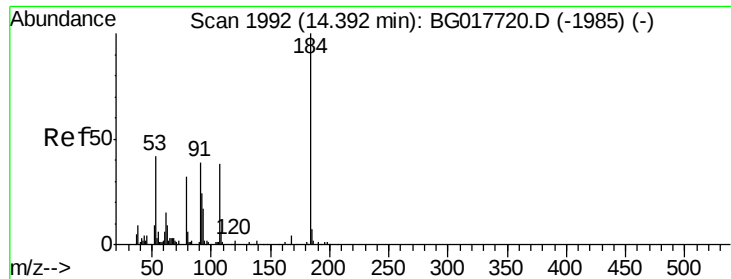
Ion Ratio Lower Upper

138 100

108 10.1 8.2 12.4

92 100.4 87.4 131.0

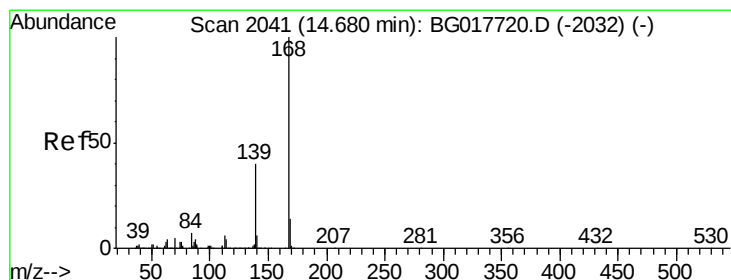
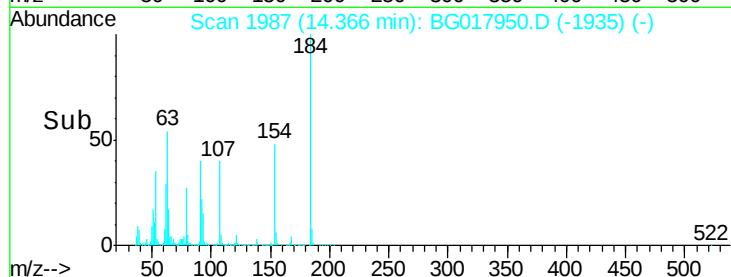
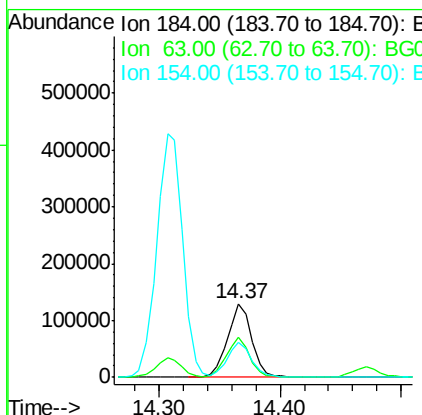
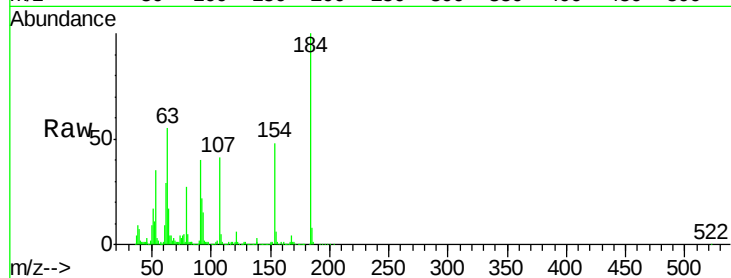




#53
2,4-Dinitrophenol
Concen: 79.23 ng
RT: 14.37 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

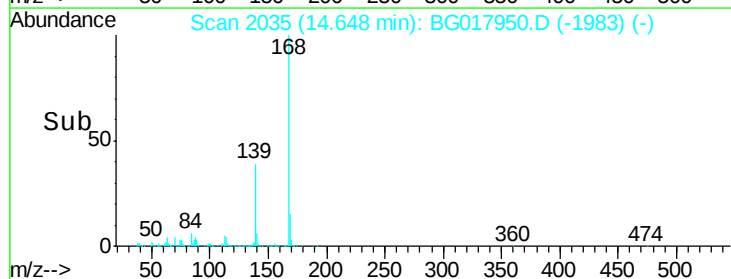
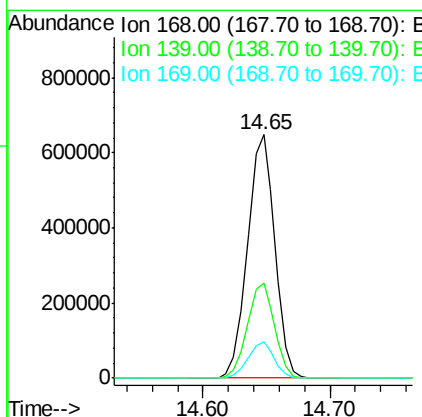
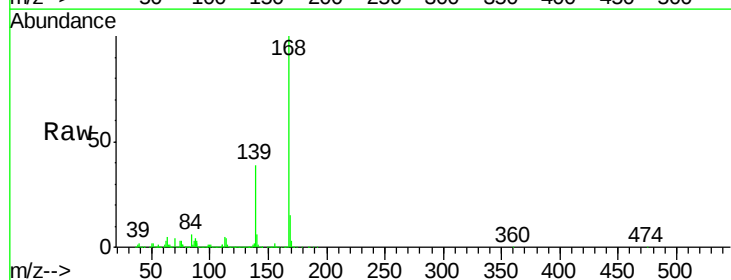
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

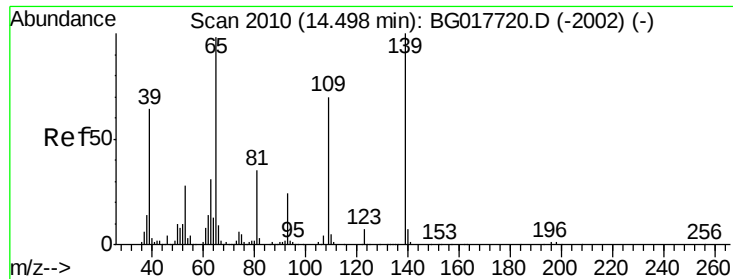
Tgt Ion:184 Resp: 180684
Ion Ratio Lower Upper
184 100
63 54.5 47.8 71.6
154 48.3 39.3 58.9



#54
Dibenzofuran
Concen: 45.55 ng
RT: 14.65 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:168 Resp: 965419
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 14.8 11.3 16.9





#55

4-Nitrophenol

Concen: 30.05 ng

RT: 14.47 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

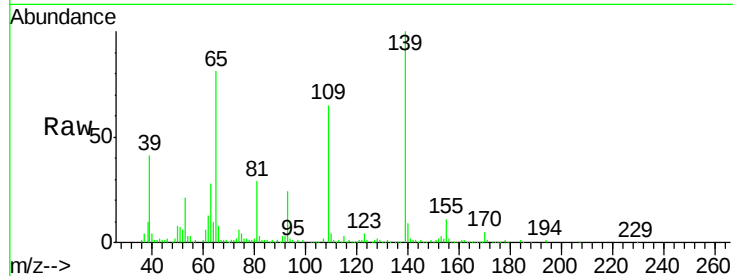
Tgt Ion:139 Resp: 107848

Ion Ratio Lower Upper

139 100

109 64.5 50.3 90.3

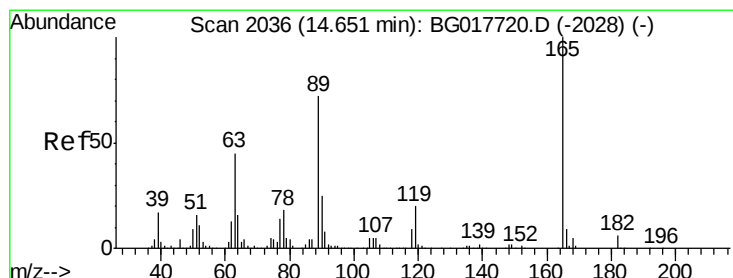
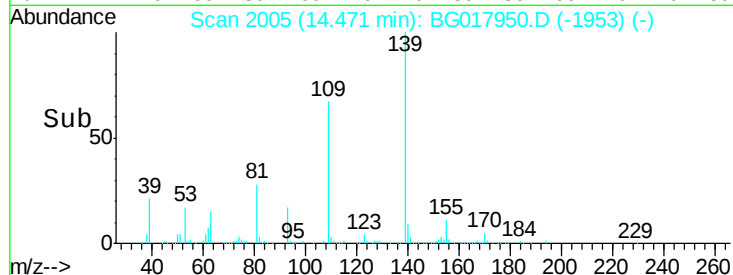
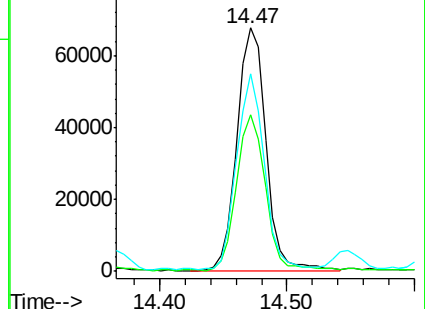
65 81.4 78.8 118.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 48.41 ng

RT: 14.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Tgt Ion:165 Resp: 261962

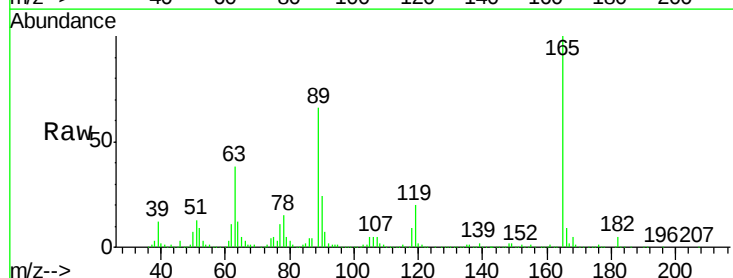
Ion Ratio Lower Upper

165 100

63 38.3 36.2 54.4

89 66.4 57.9 86.9

182 5.2 4.7 7.1

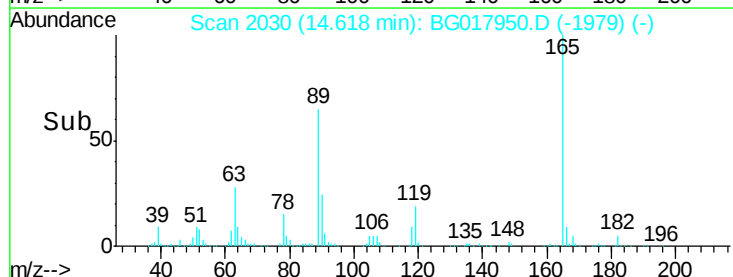
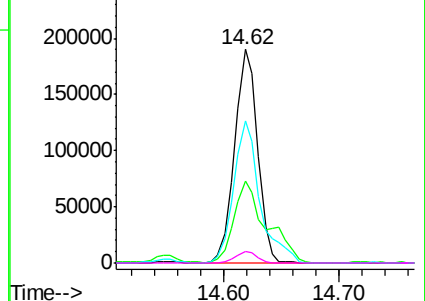


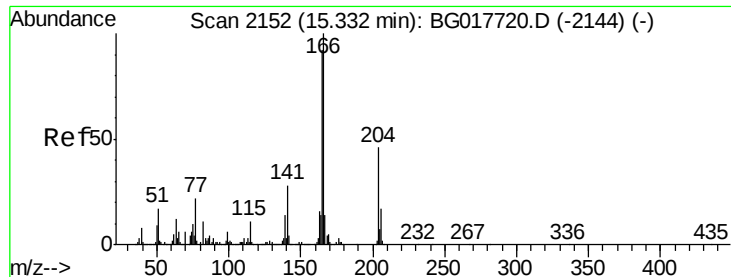
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.95 ng

RT: 15.30 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

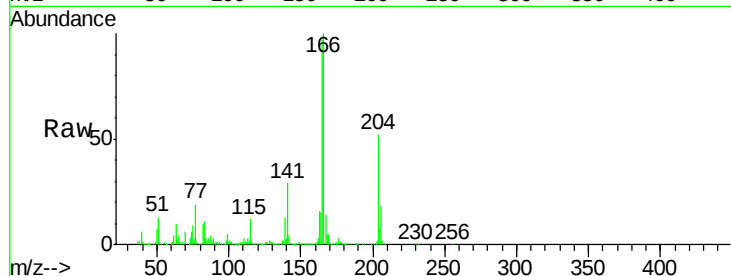
Tgt Ion:166 Resp: 818911

Ion Ratio Lower Upper

166 100

165 96.6 73.4 110.0

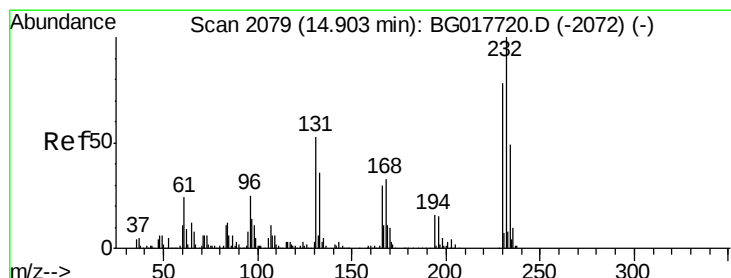
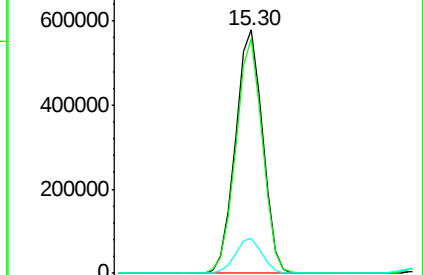
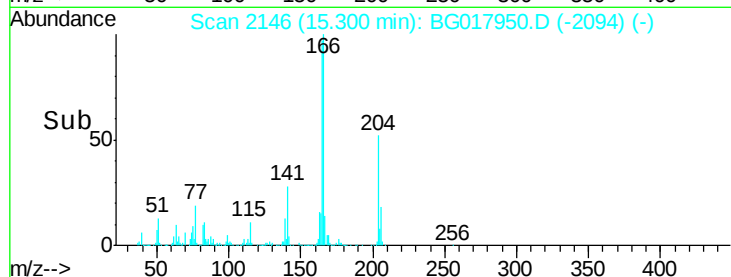
167 14.4 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.97 ng

RT: 14.88 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Tgt Ion:232 Resp: 188167

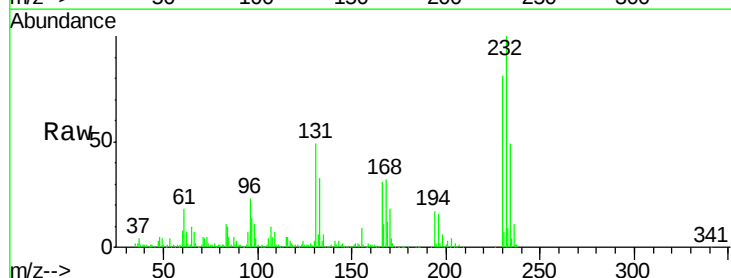
Ion Ratio Lower Upper

232 100

131 47.6 40.8 61.2

130 3.0 2.4 3.6

166 30.2 23.8 35.8

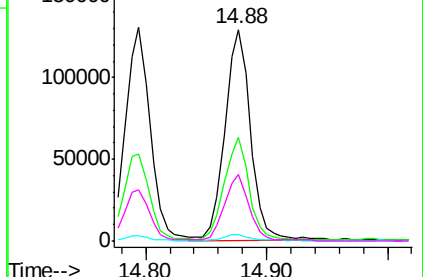
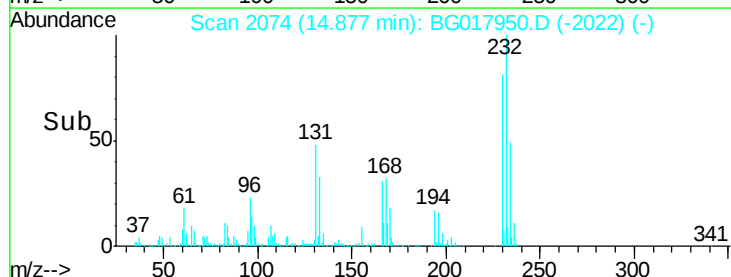


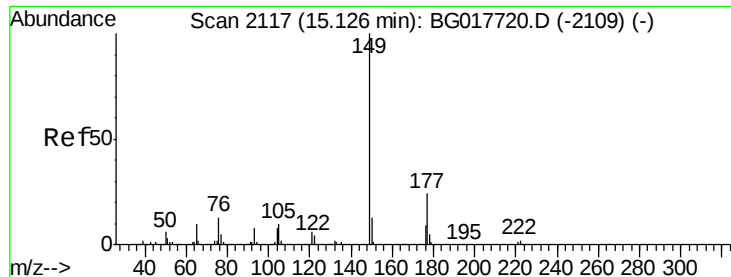
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

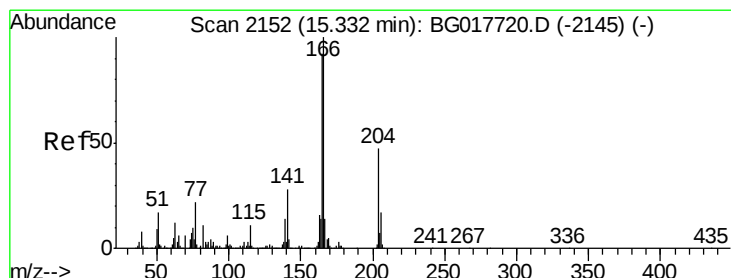
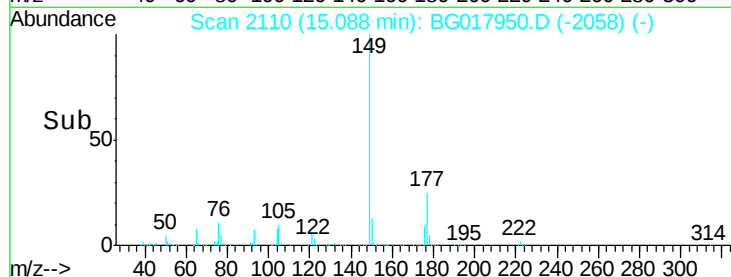
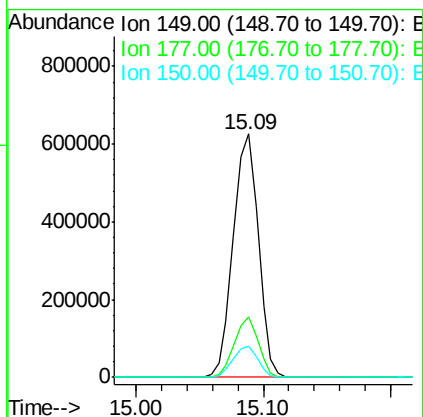
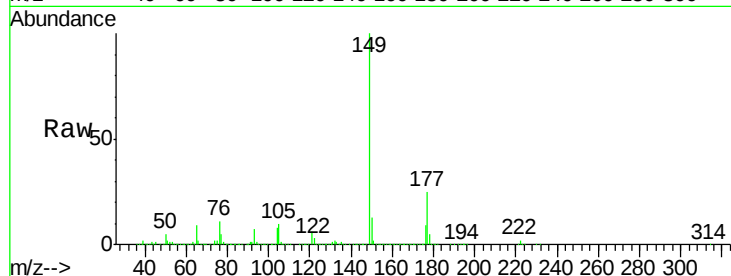




#59
Diethylphthalate
Concen: 46.26 ng
RT: 15.09 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

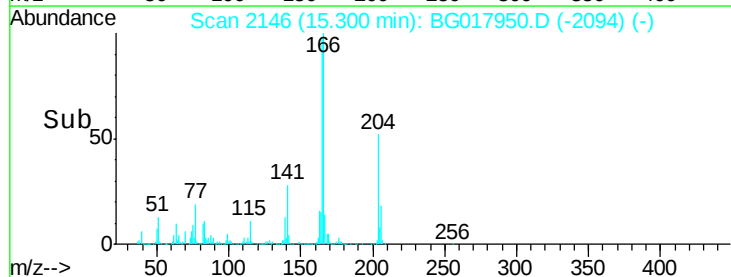
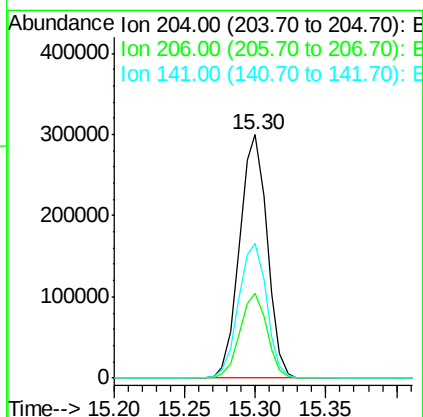
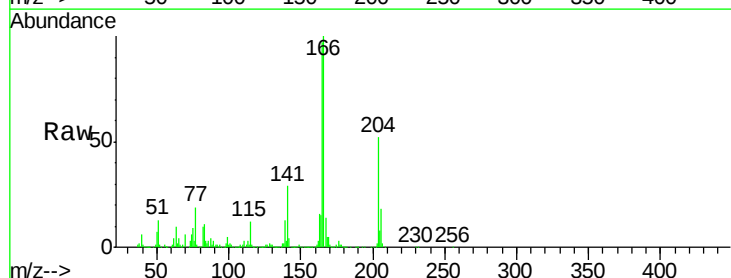
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

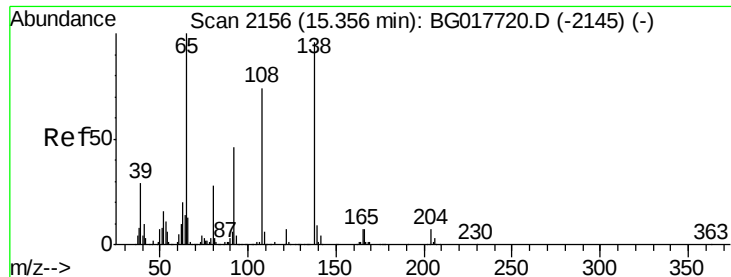
Tgt Ion:149 Resp: 853220
Ion Ratio Lower Upper
149 100
177 24.8 19.1 28.7
150 12.6 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 45.78 ng
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:204 Resp: 408916
Ion Ratio Lower Upper
204 100
206 35.0 28.6 42.8
141 55.1 49.0 73.4

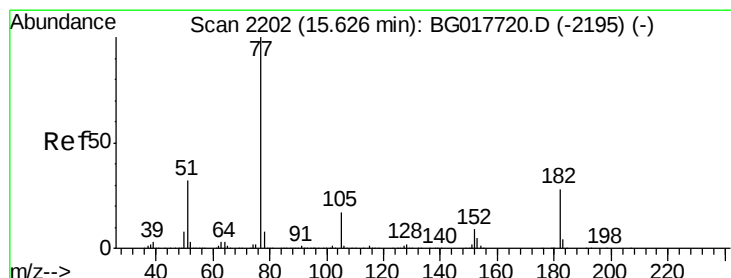
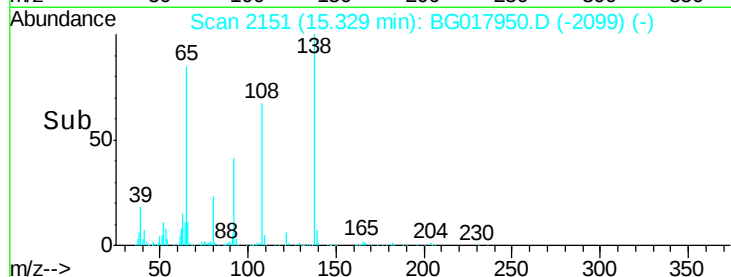
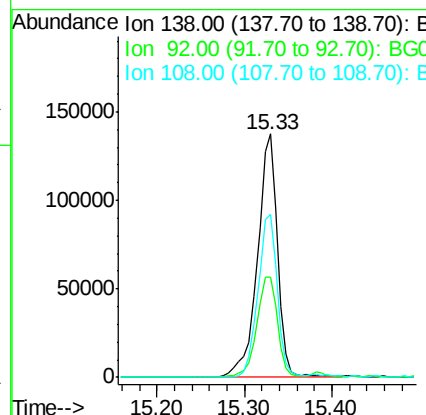
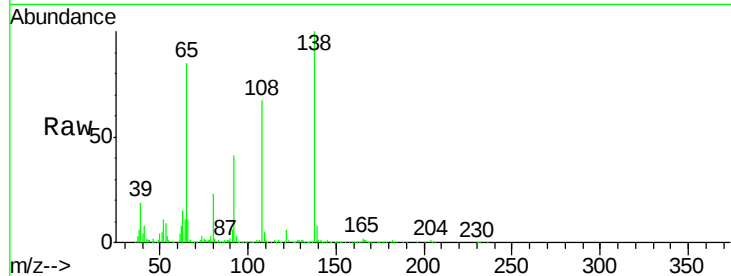




#61
4-Nitroaniline
Concen: 40.32 ng
RT: 15.33 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

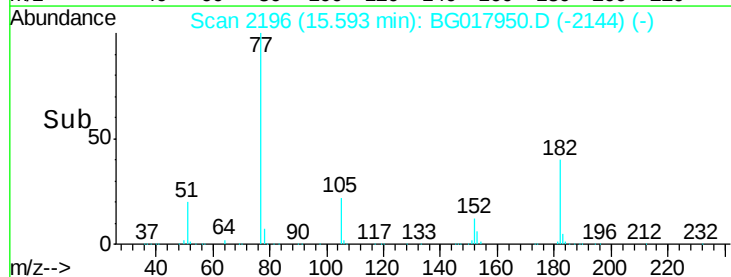
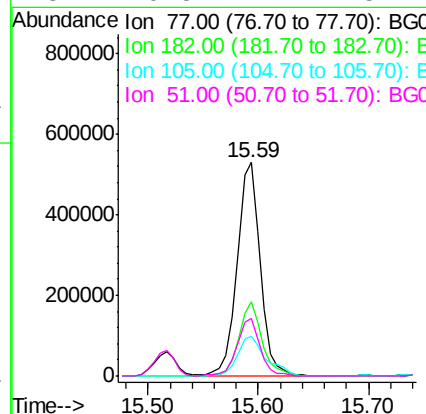
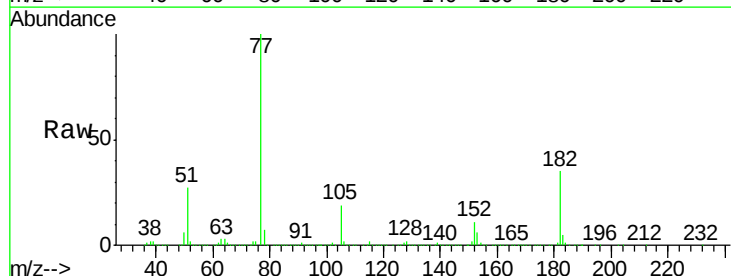
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

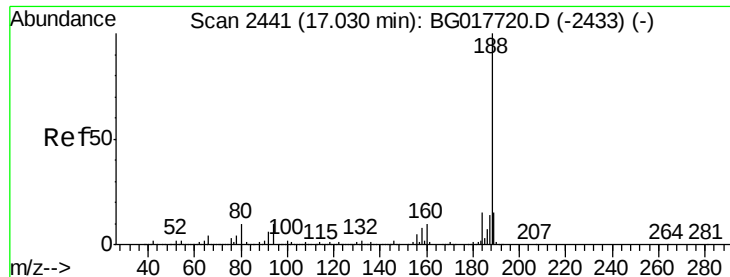
Tgt Ion: 138 Resp: 214263
Ion Ratio Lower Upper
138 100
92 41.1 27.7 67.7
108 66.7 57.8 97.8



#62
Azobenzene
Concen: 45.52 ng
RT: 15.59 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion: 77 Resp: 775764
Ion Ratio Lower Upper
77 100
182 34.7 8.2 48.2
105 18.8 0.0 36.6
51 26.8 11.7 51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

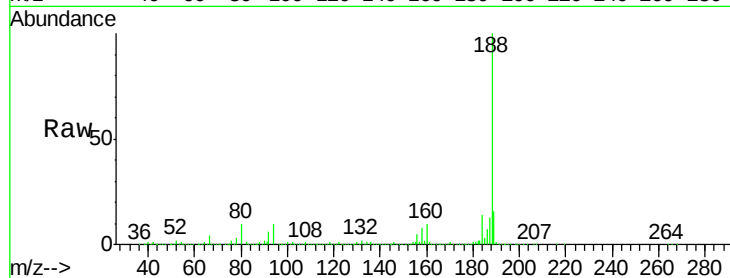
Tgt Ion:188 Resp: 533700

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

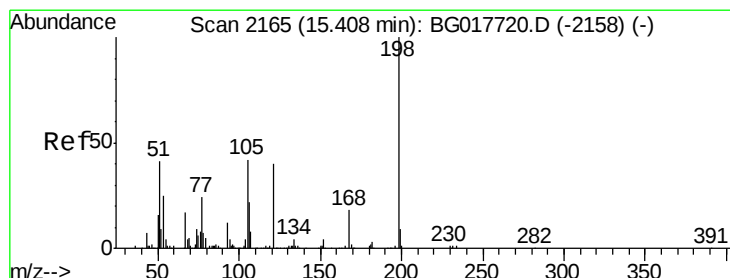
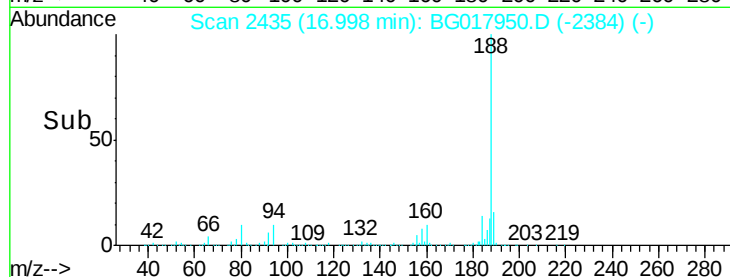
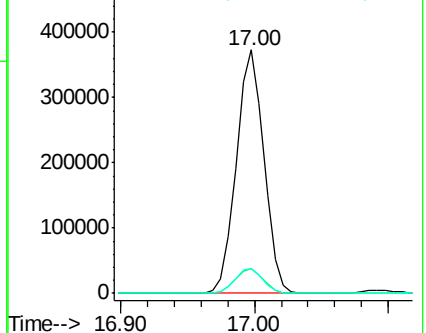
80 10.3 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.18 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

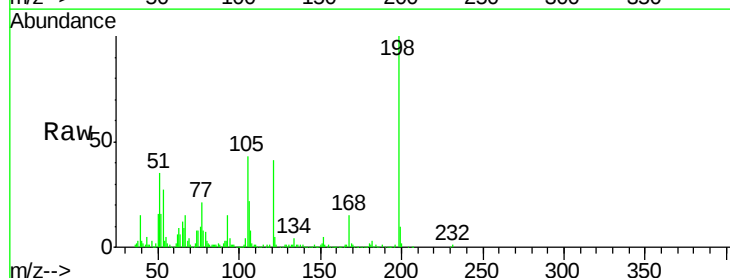
Tgt Ion:198 Resp: 132616

Ion Ratio Lower Upper

198 100

51 34.7 27.0 67.0

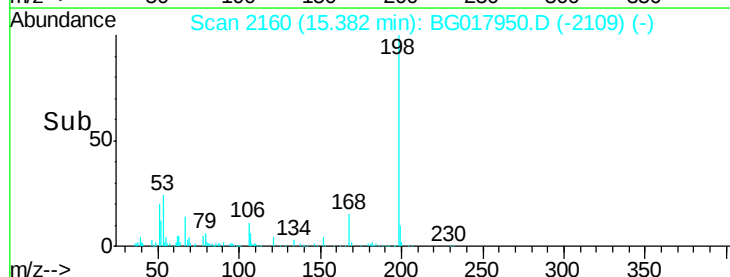
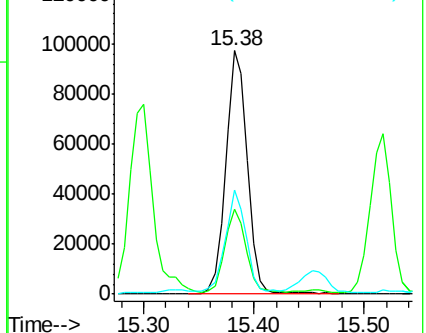
105 42.7 23.3 63.3

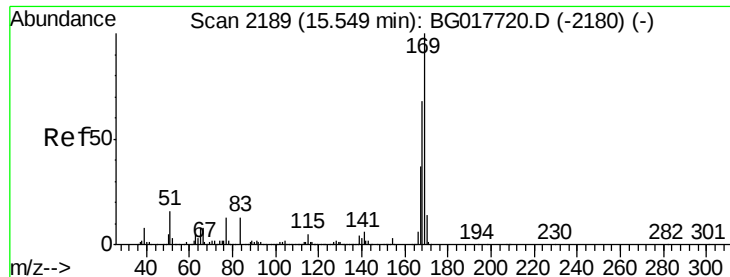


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

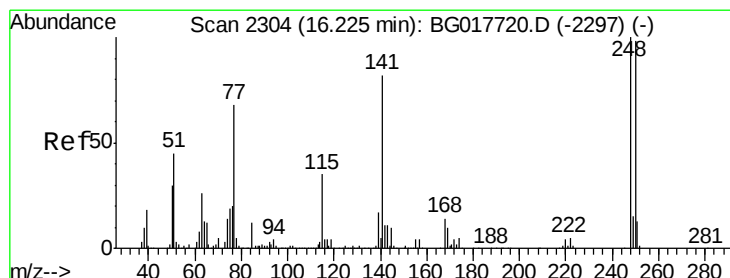
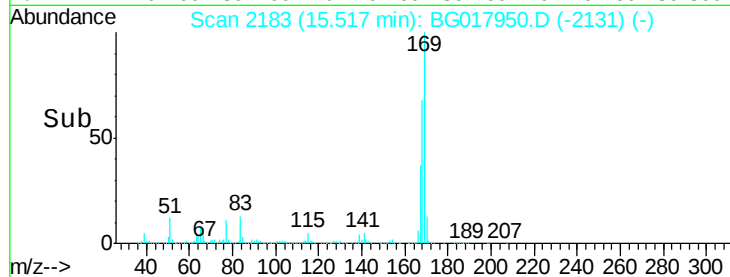
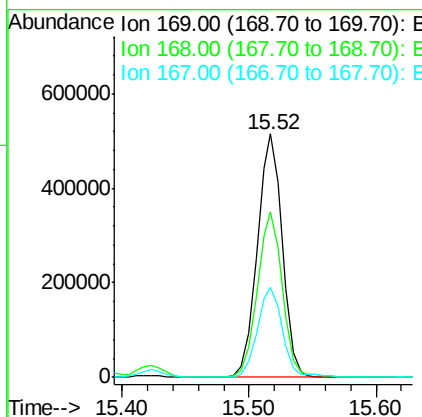
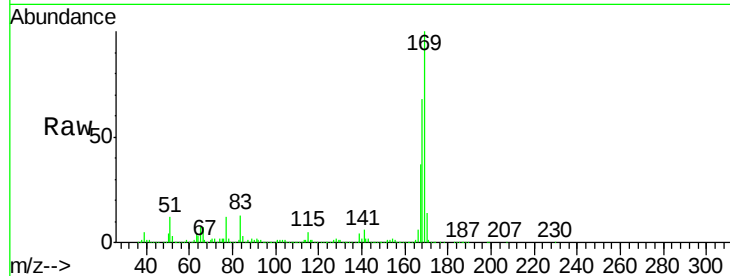




#65
n-Nitrosodiphenylamine
Concen: 44.01 ng
RT: 15.52 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

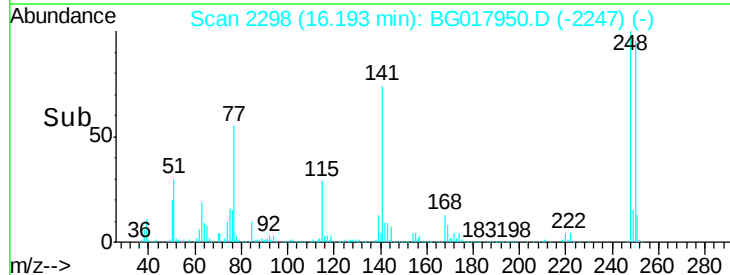
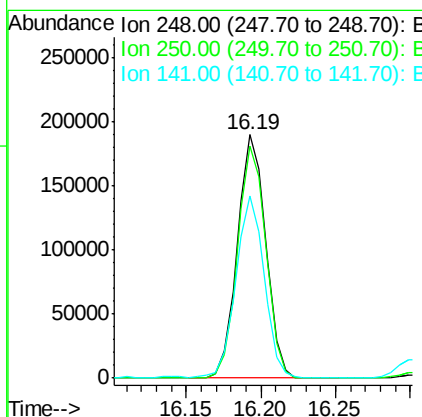
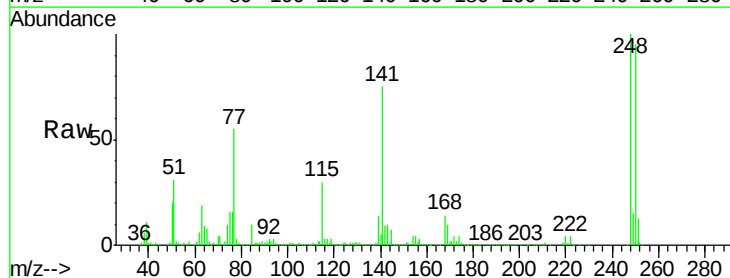
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

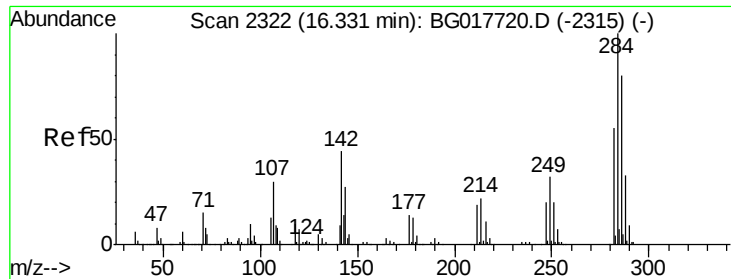
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.1	81.1
167	36.8	29.4	44.2



#66
4-Bromophenyl-phenylether
Concen: 47.03 ng
RT: 16.19 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.0	117.0
141	74.7	65.7	98.5

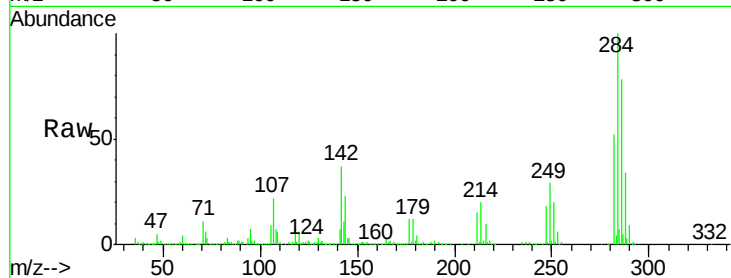




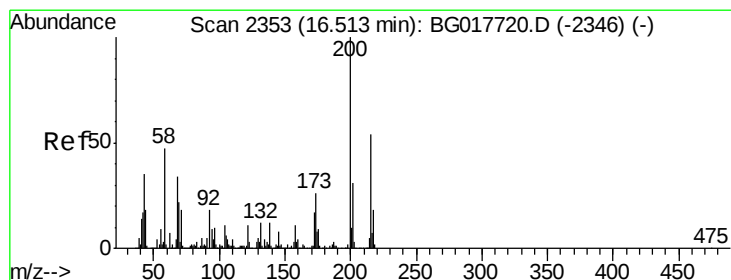
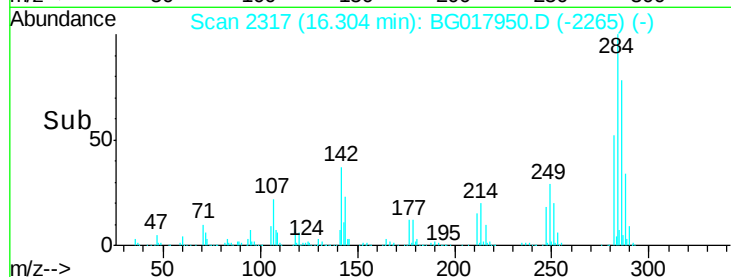
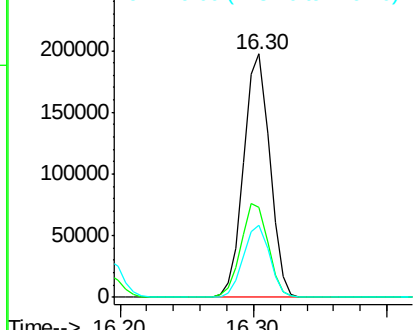
#67
Hexachlorobenzene
Concen: 44.98 ng
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

Tgt Ion:284 Resp: 267021
Ion Ratio Lower Upper
284 100
142 37.2 35.2 52.8
249 29.4 25.4 38.0

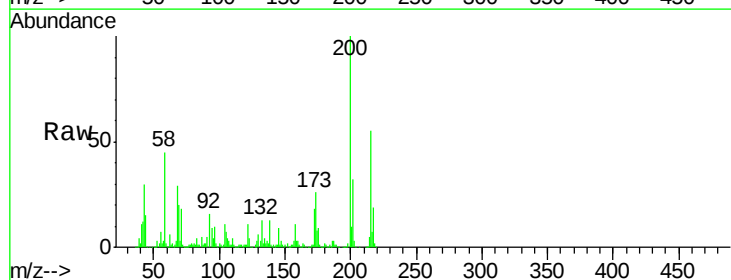


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

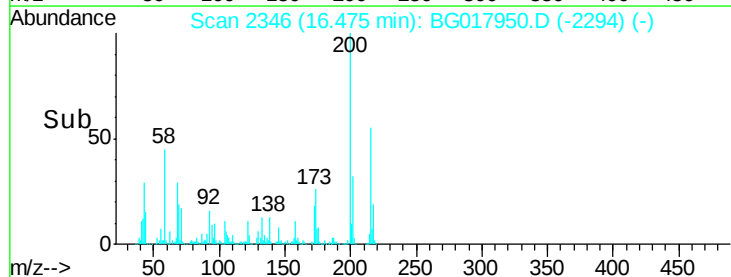
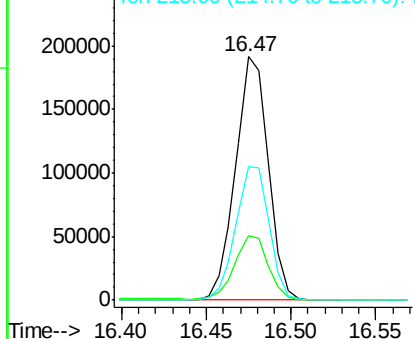


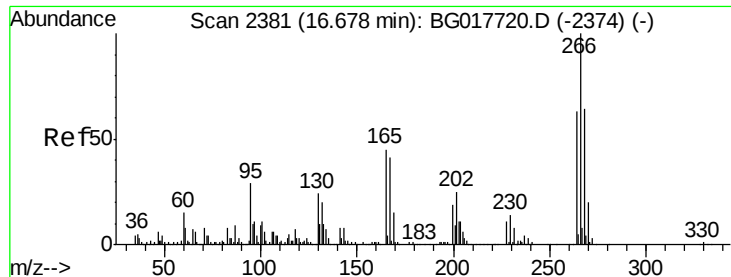
#68
Atrazine
Concen: 49.30 ng
RT: 16.47 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:200 Resp: 259879
Ion Ratio Lower Upper
200 100
173 26.3 5.6 45.6
215 54.9 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

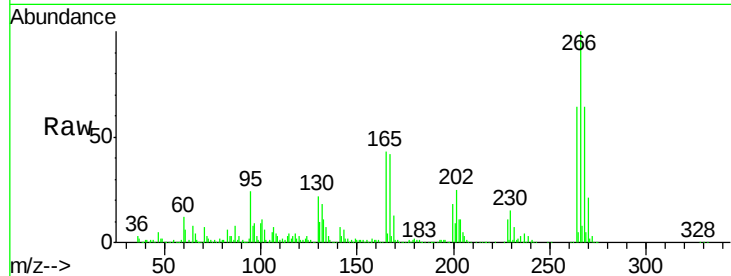




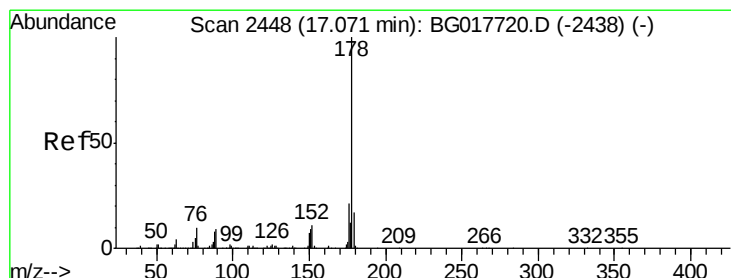
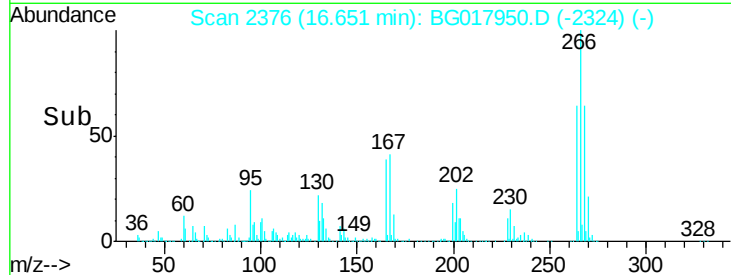
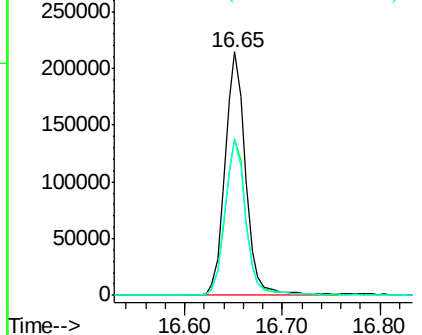
#69
 Pentachlorophenol
 Concen: 80.17 ng
 RT: 16.65 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

Tgt Ion:266 Resp: 314963
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 63.6 50.7 76.1

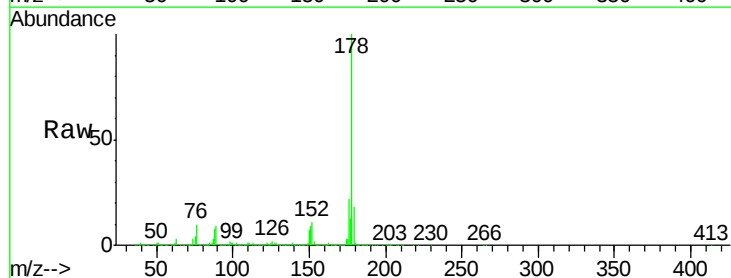


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

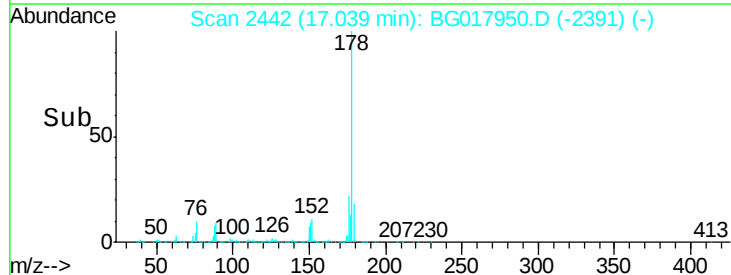
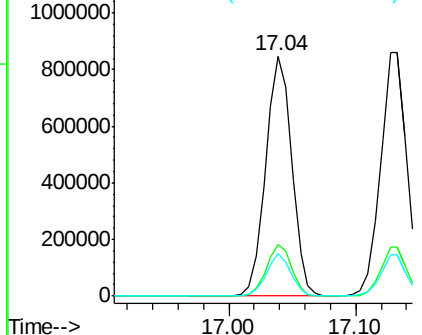


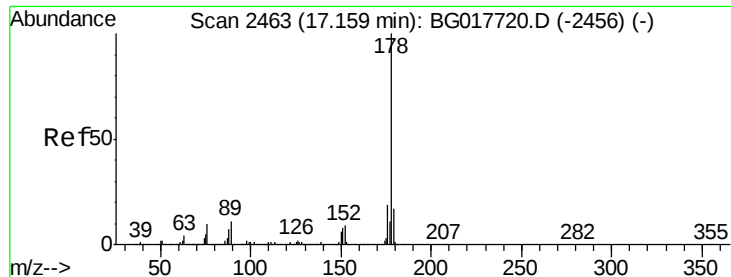
#70
 Phenanthrene
 Concen: 44.09 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion:178 Resp: 1213777
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.5 24.7
 179 18.0 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

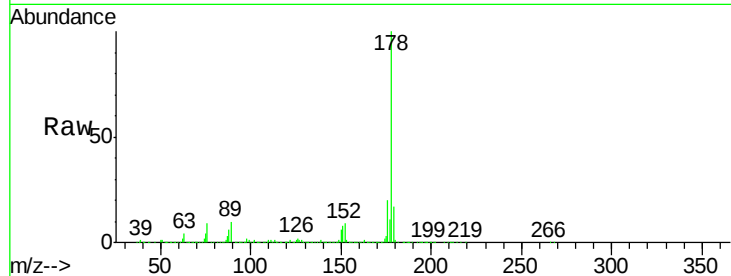




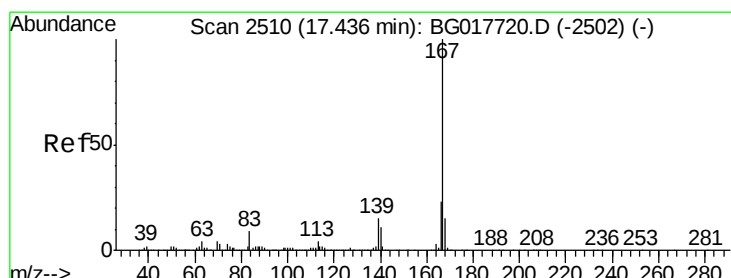
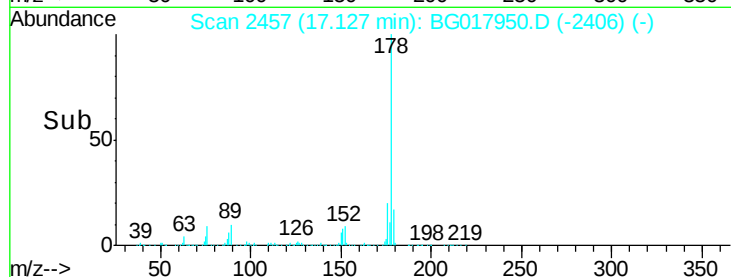
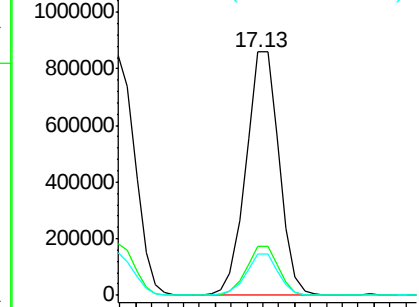
#71
 Anthracene
 Concen: 46.15 ng
 RT: 17.13 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

Tgt Ion:178 Resp: 1236208
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.2 22.8
 179 17.0 13.6 20.4

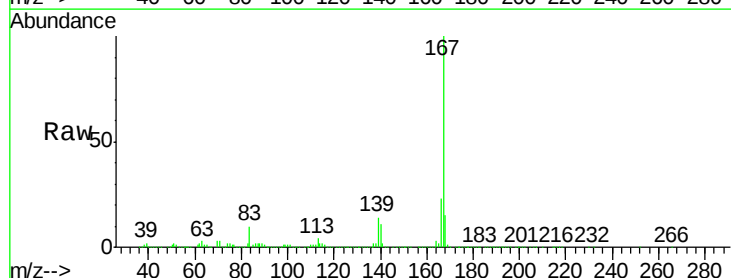


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

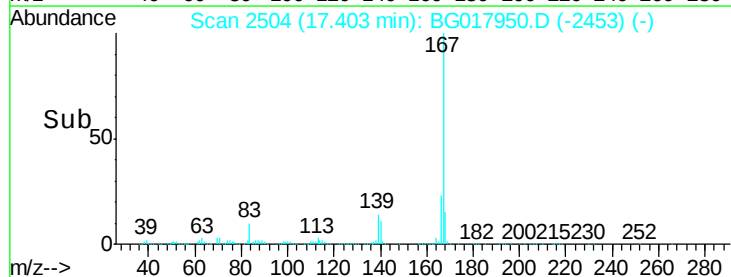
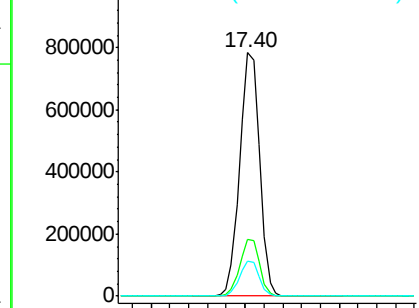


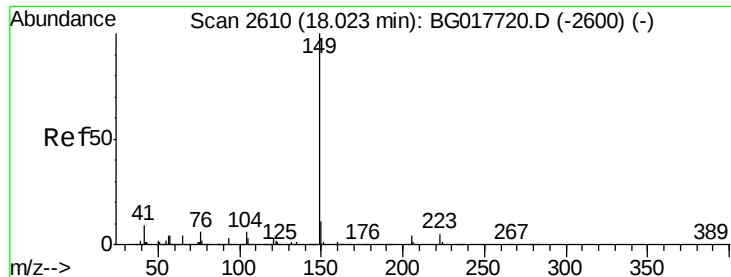
#72
 Carbazole
 Concen: 45.82 ng
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion:167 Resp: 1159454
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.3 27.5
 139 14.3 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

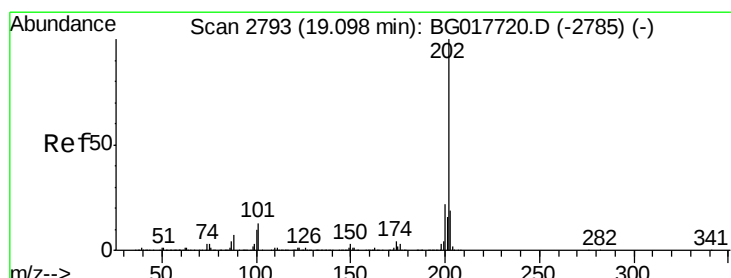
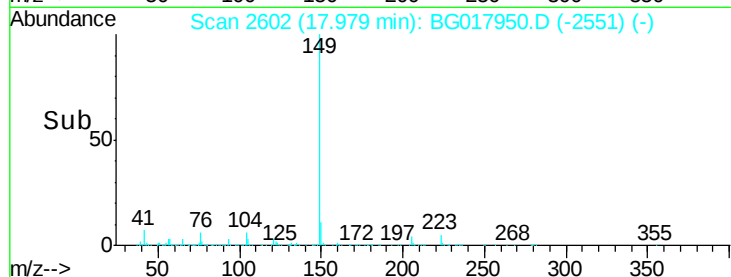
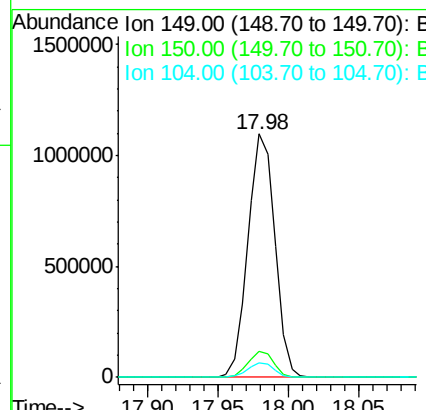
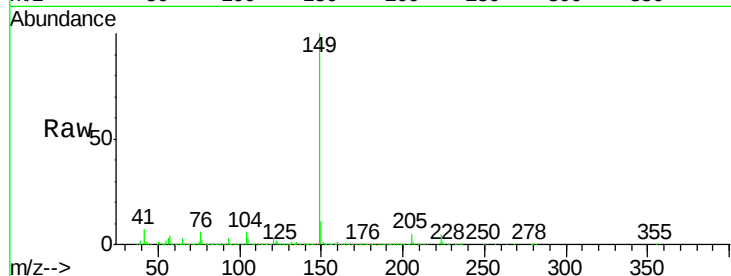




#73
Di-n-butylphthalate
Concen: 47.27 ng
RT: 17.98 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

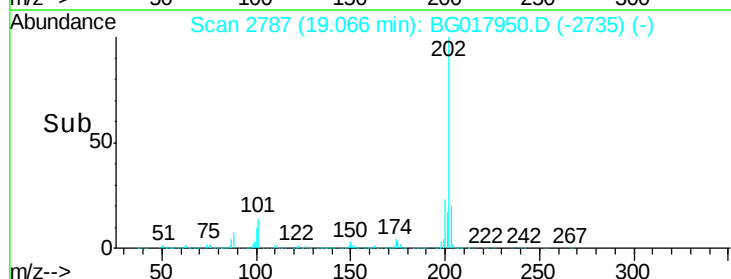
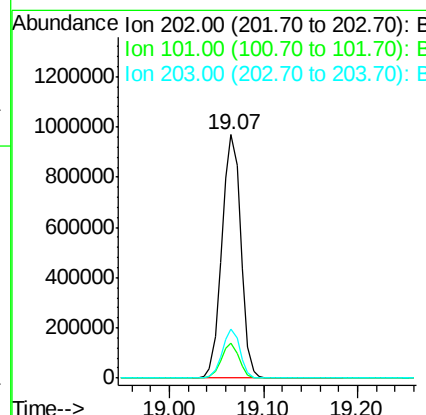
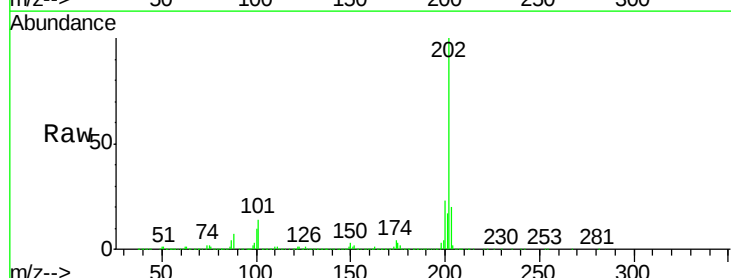
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

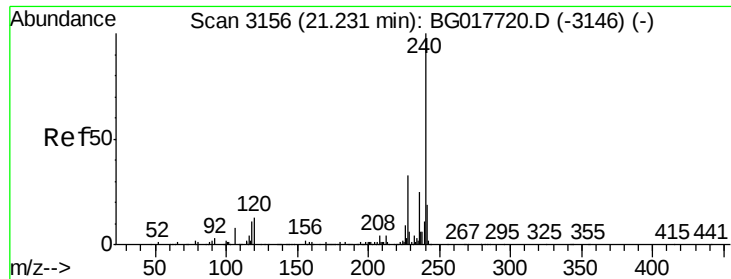
Tgt Ion:149 Resp: 1466467
Ion Ratio Lower Upper
149 100
150 10.8 8.6 12.8
104 6.1 5.0 7.6



#74
Fluoranthene
Concen: 45.40 ng
RT: 19.07 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:202 Resp: 1368157
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.3
203 20.2 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

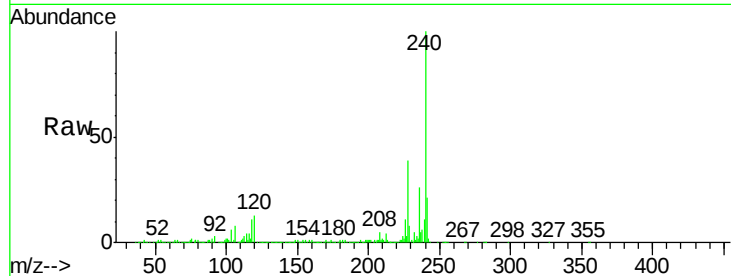
Tgt Ion:240 Resp: 554632

Ion Ratio Lower Upper

240 100

120 13.3 10.8 16.2

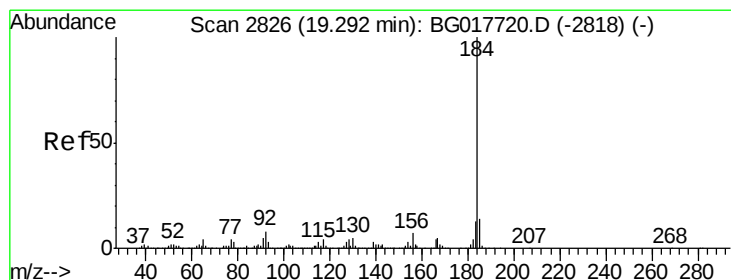
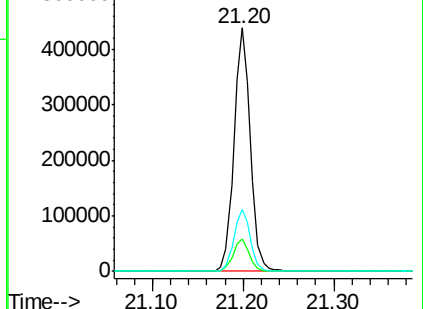
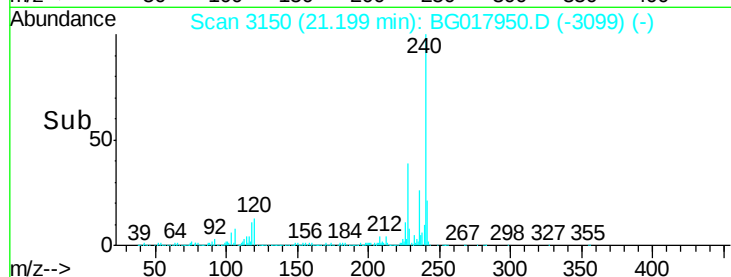
236 25.6 20.0 30.0



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: 3.25 ng

RT: 19.26 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

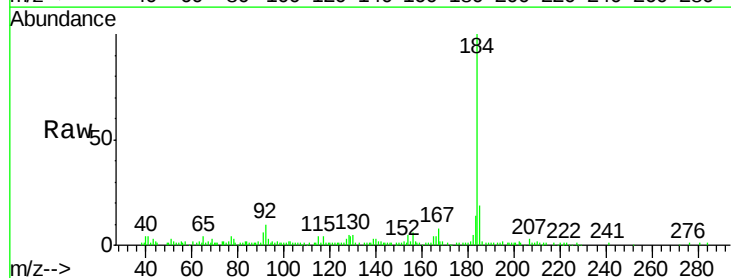
Tgt Ion:184 Resp: 51197

Ion Ratio Lower Upper

184 100

185 19.0 11.5 17.3#

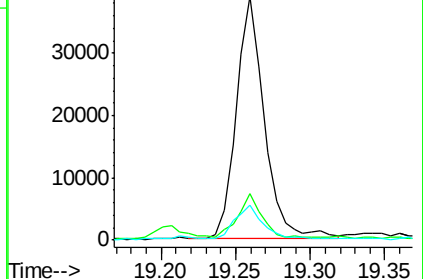
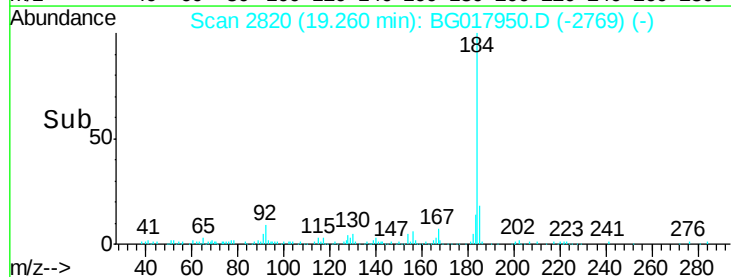
183 14.4 10.0 15.0

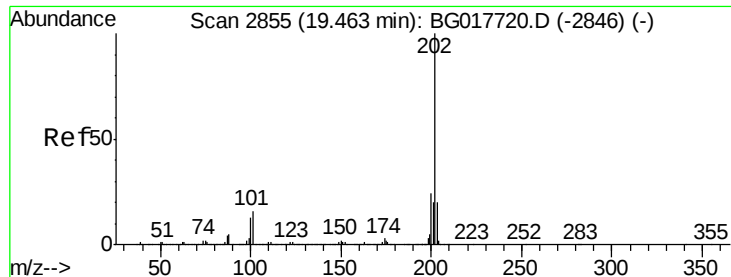


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.29 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

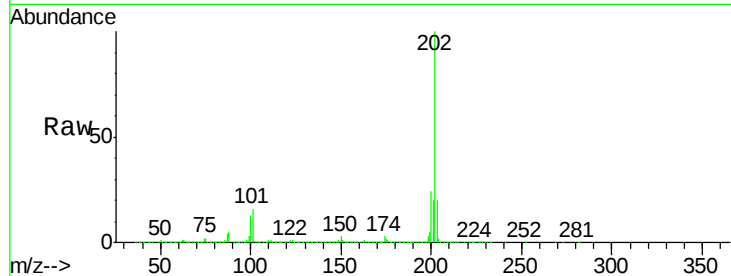
Tgt Ion:202 Resp: 1400959

Ion Ratio Lower Upper

202 100

200 23.7 18.8 28.2

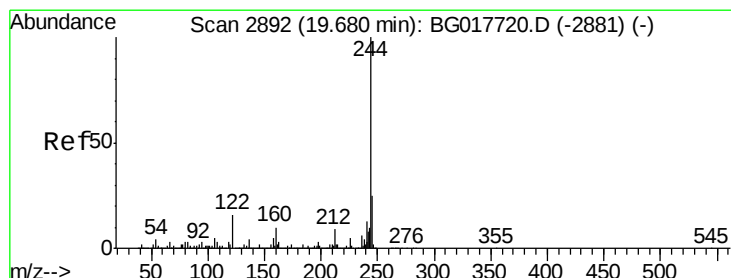
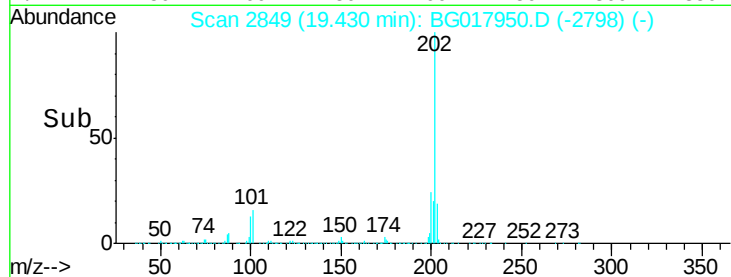
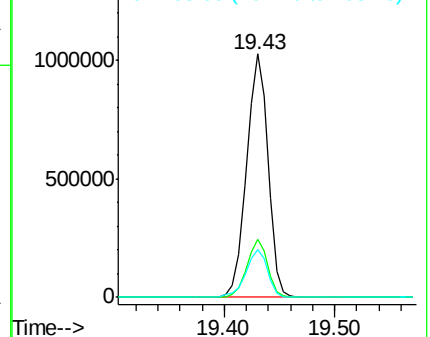
203 19.5 15.9 23.9



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: 74.39 ng

RT: 19.64 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

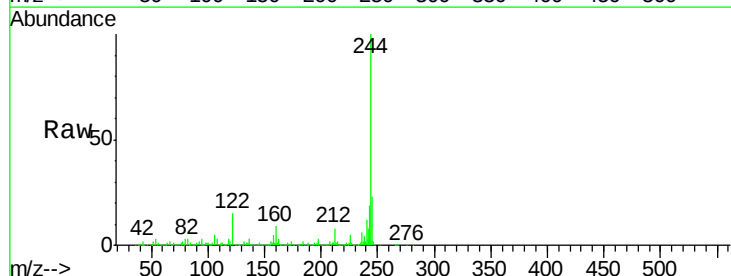
Tgt Ion:244 Resp: 1637861

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

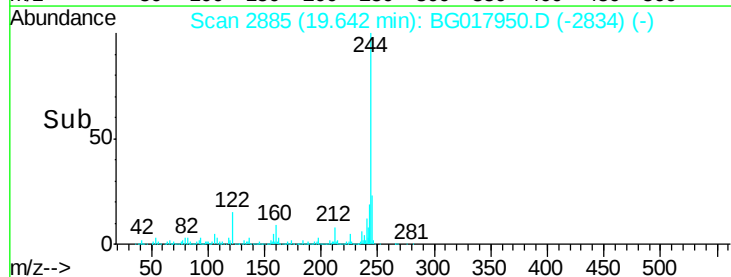
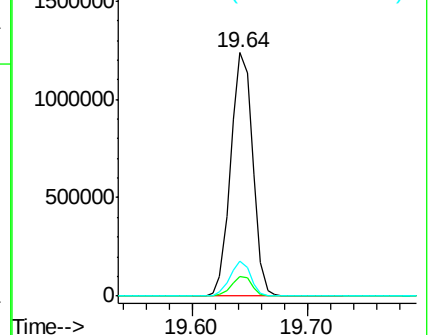
122 14.6 12.8 19.2

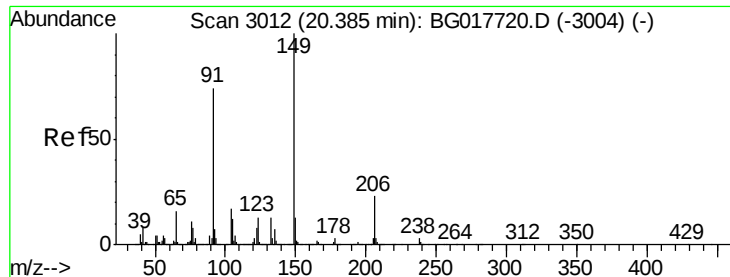


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.12 ng

RT: 20.35 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

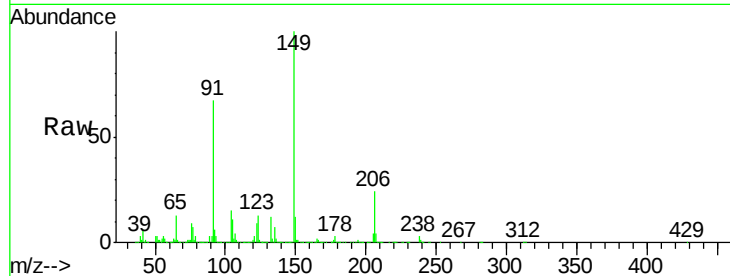
Tgt Ion:149 Resp: 694306

Ion Ratio Lower Upper

149 100

91 67.2 59.5 89.3

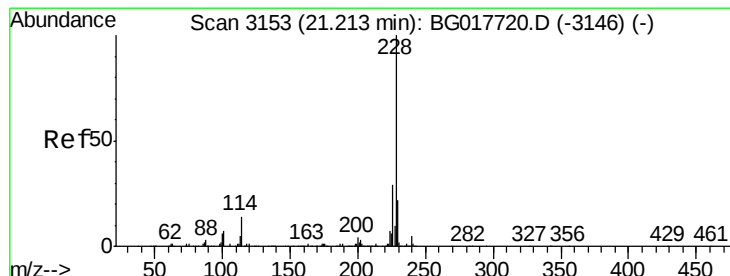
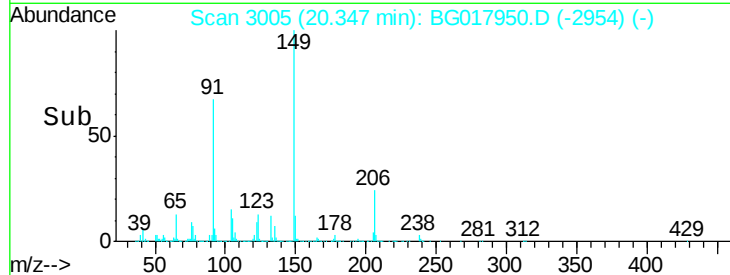
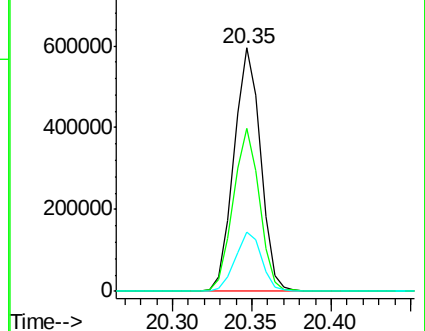
206 24.2 18.5 27.7



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: 45.09 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

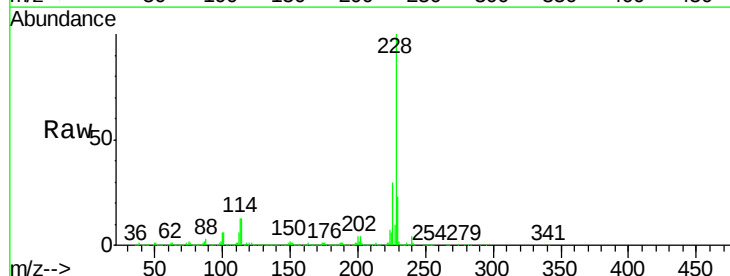
Tgt Ion:228 Resp: 1320836

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

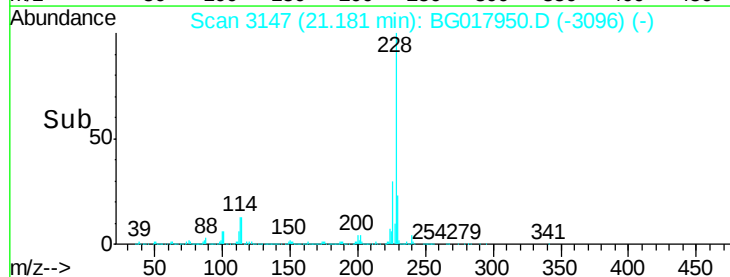
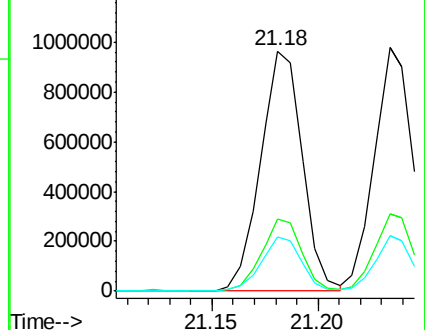
229 22.7 17.4 26.0

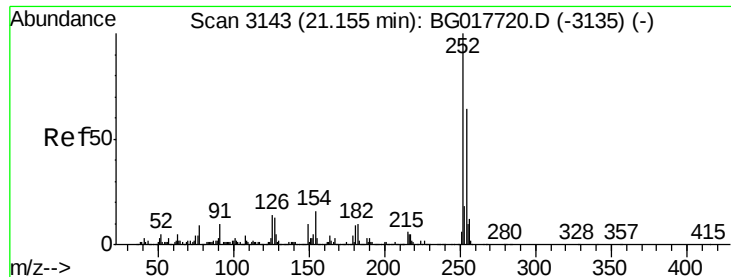


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

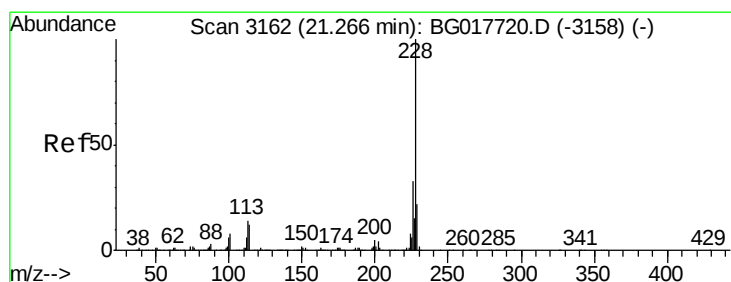
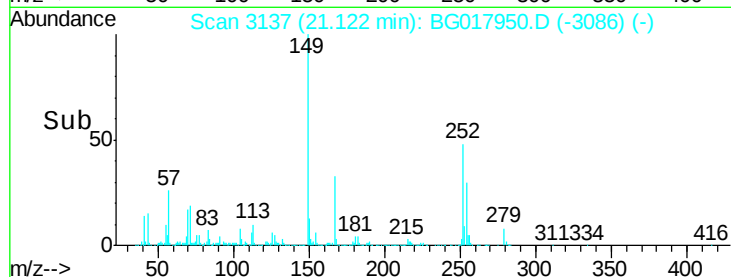
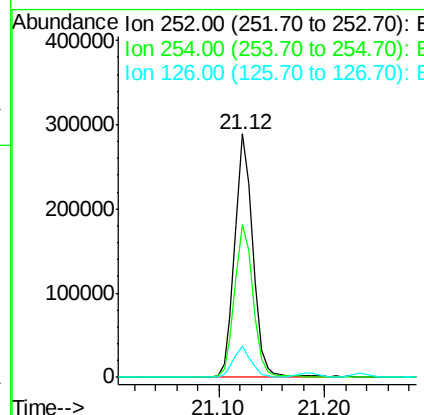
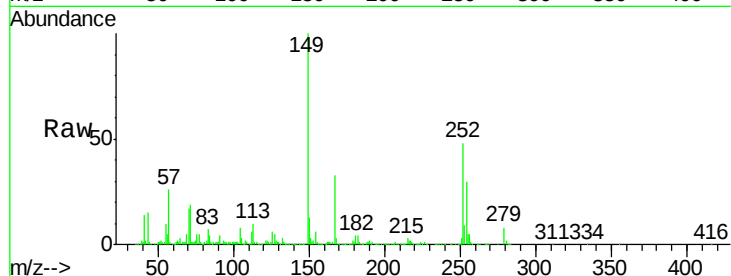




#81
 3,3'-Dichlorobenzidine
 Concen: 32.25 ng
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

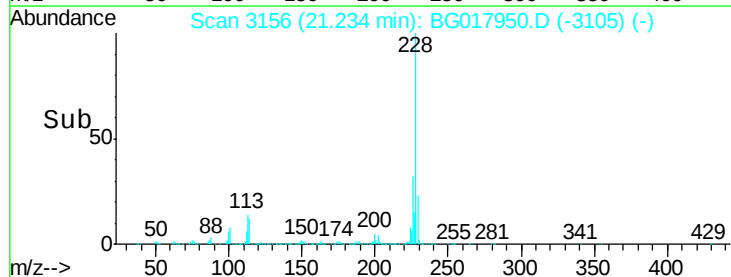
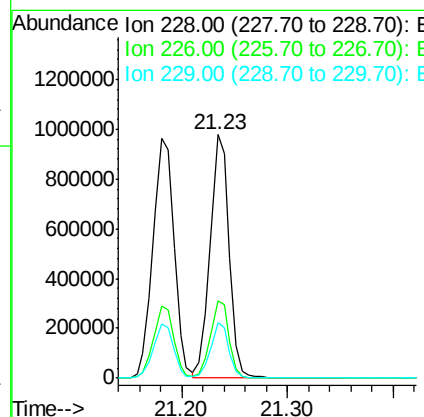
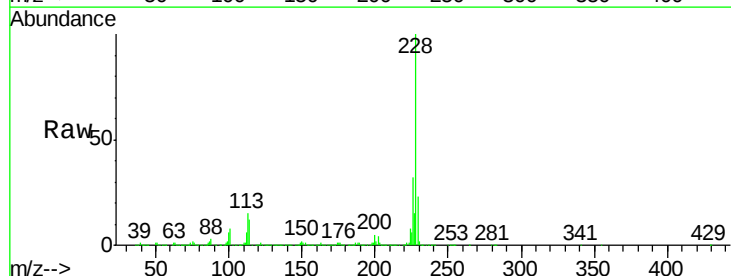
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

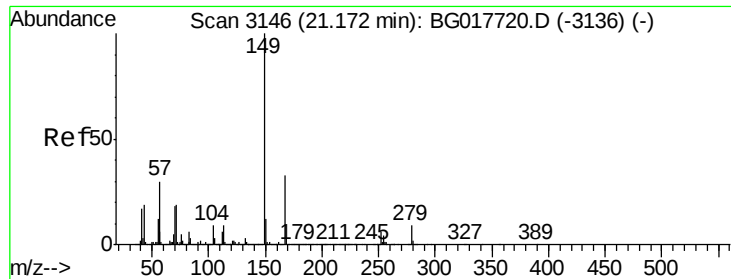
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.2	76.8
126	12.6	11.4	17.0



#82
 Chrysene
 Concen: 44.21 ng
 RT: 21.23 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.1	39.1
229	22.7	17.7	26.5

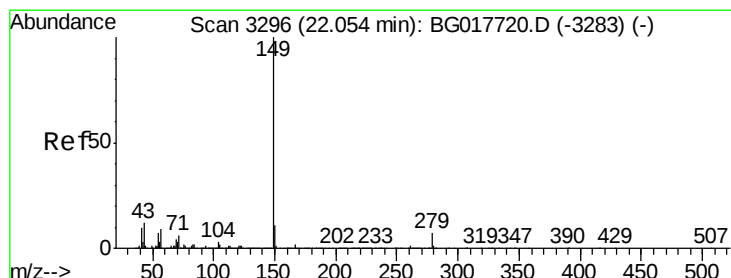
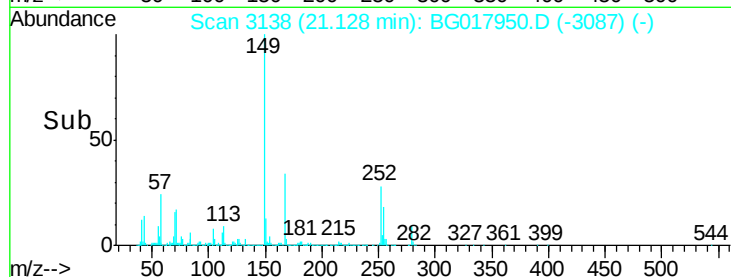
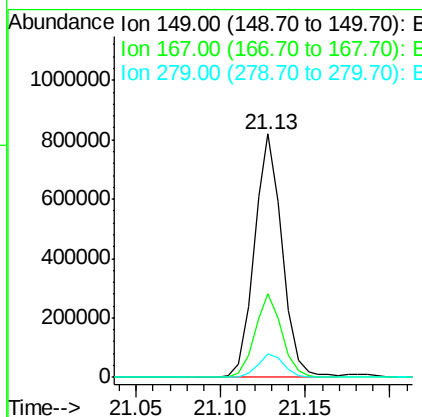
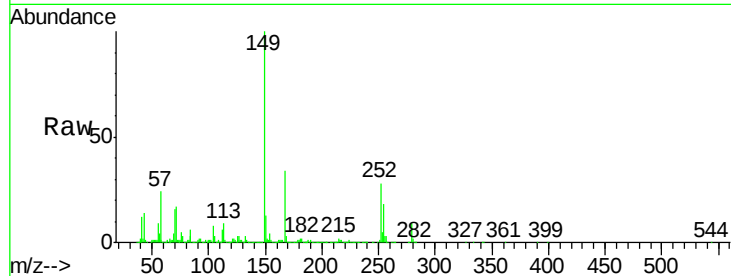




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.77 ng
 RT: 21.13 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

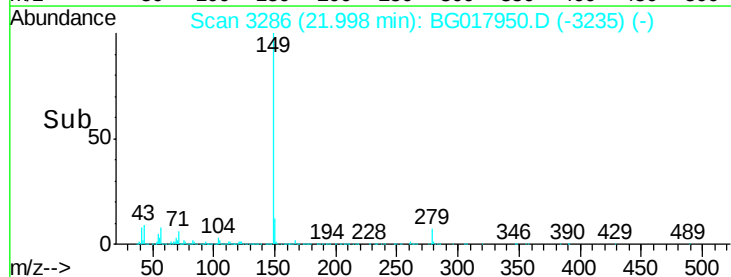
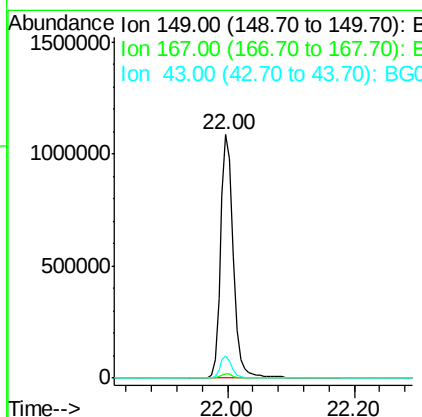
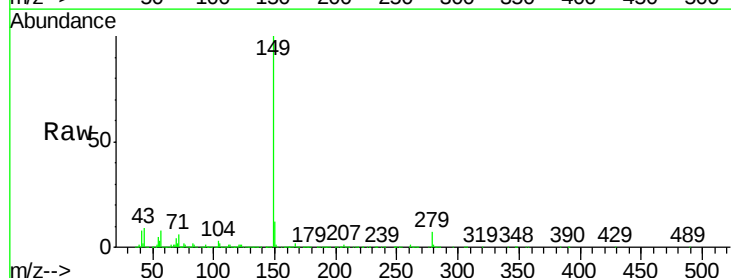
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

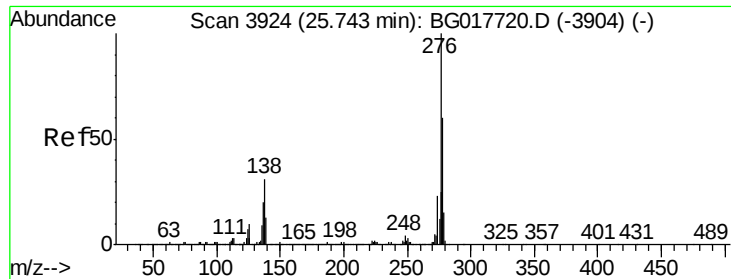
Tgt Ion:149 Resp: 930350
 Ion Ratio Lower Upper
 149 100
 167 34.2 26.6 39.8
 279 9.4 6.9 10.3



#84
 Di-n-octyl phthalate
 Concen: 51.17 ng
 RT: 22.00 min Scan# 3286
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion:149 Resp: 1537638
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 8.4 9.7 14.5#

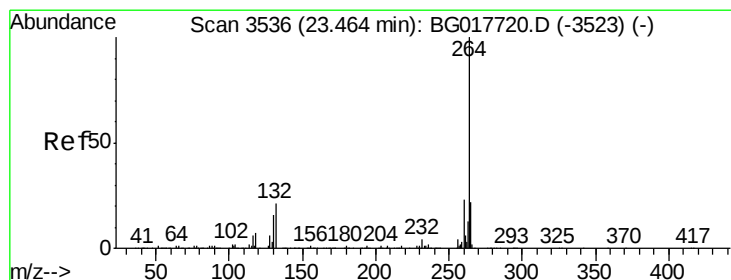
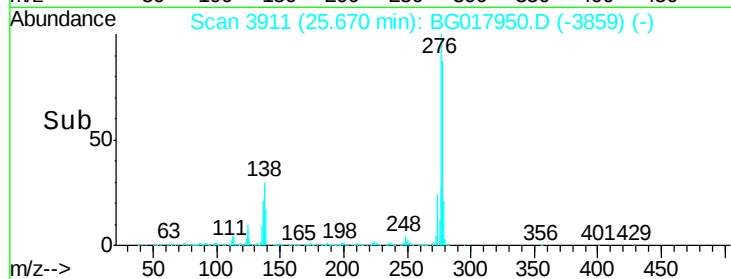
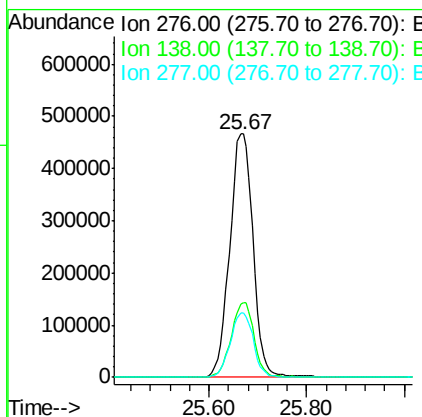
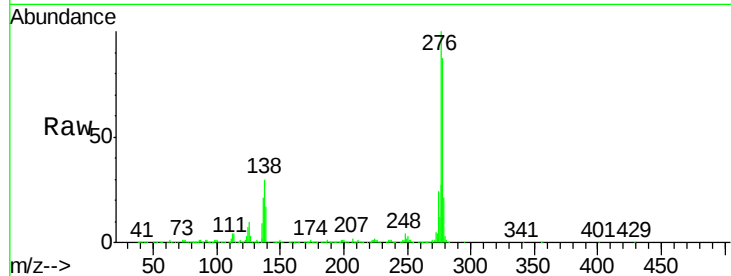




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.76 ng
 RT: 25.67 min Scan# 3911
 Delta R.T. 0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

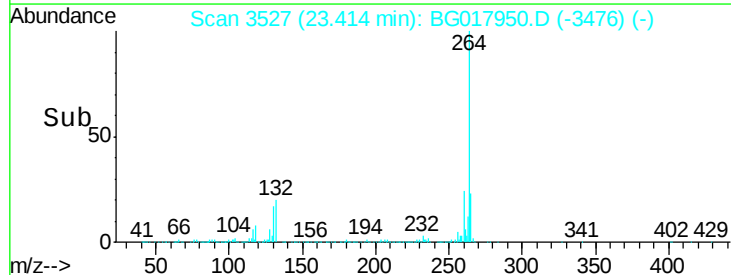
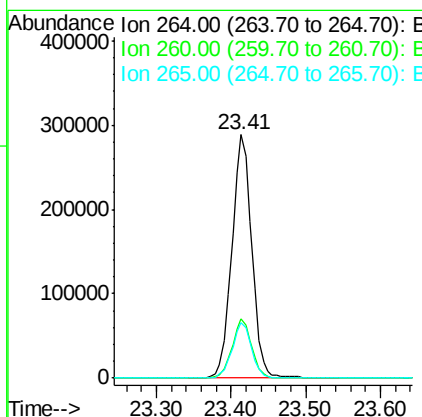
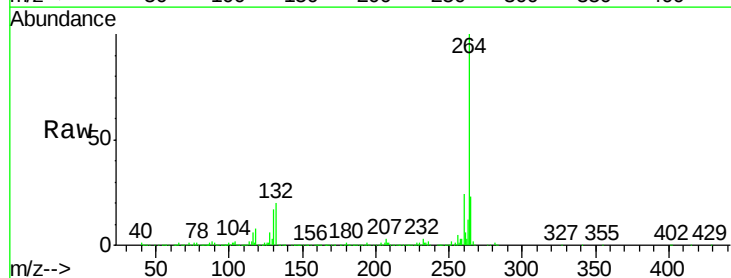
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

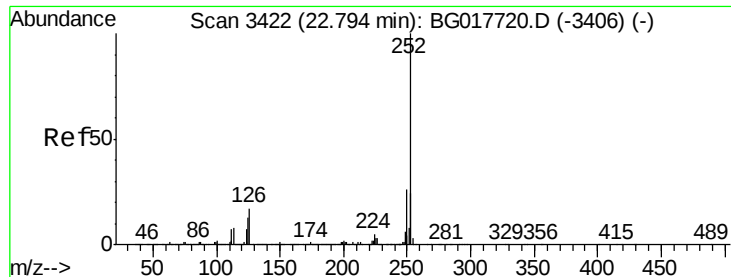
Tgt Ion:276 Resp: 1543805
 Ion Ratio Lower Upper
 276 100
 138 30.1 25.4 38.0
 277 26.0 21.0 31.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.41 min Scan# 3527
 Delta R.T. -0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Tgt Ion:264 Resp: 536083
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 22.7 18.2 27.2

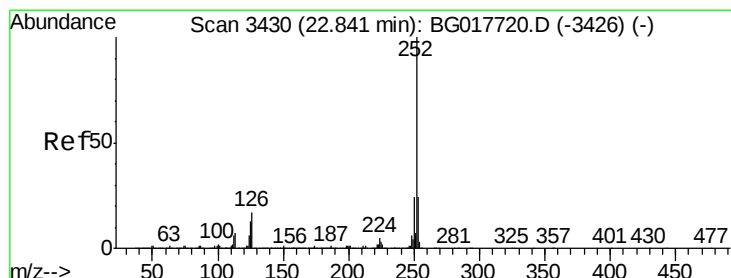
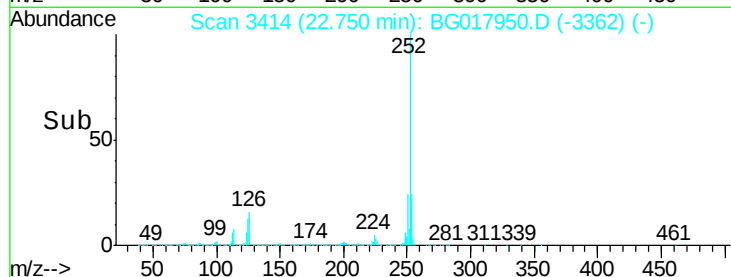
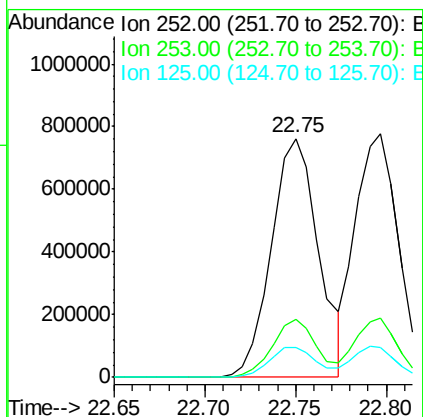
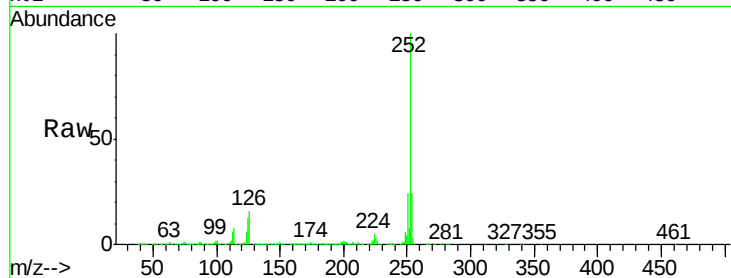




#87
Benzo(b)fluoranthene
Concen: 47.18 ng
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

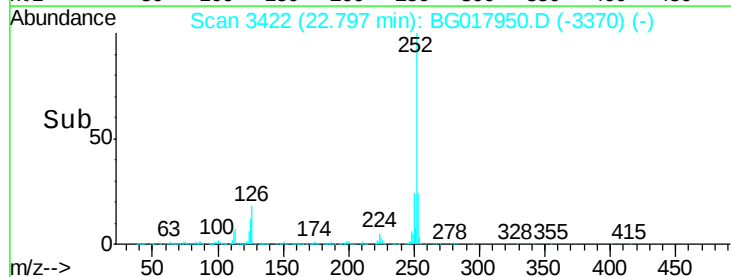
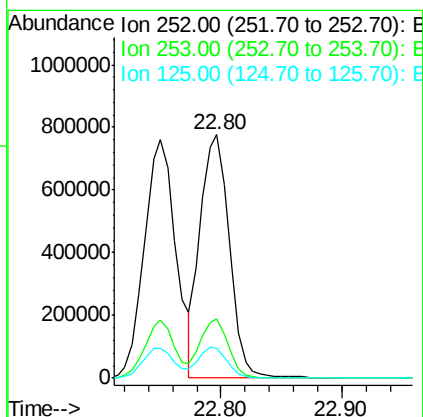
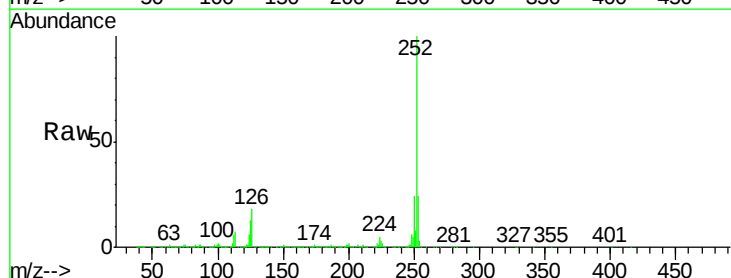
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MS

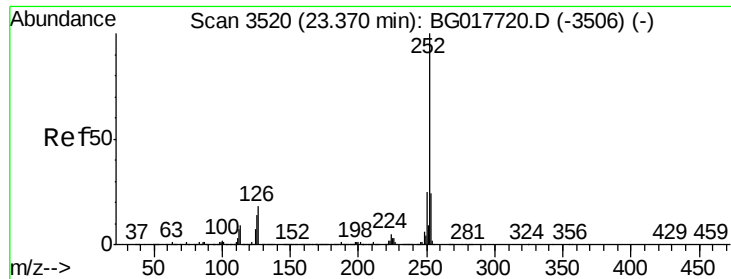
Tgt Ion:252 Resp: 1383726
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 12.6 10.6 15.8



#88
Benzo(k)fluoranthene
Concen: 43.99 ng
RT: 22.80 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BG017950.D
Acq: 18 Jul 2015 7:04

Tgt Ion:252 Resp: 1288385
Ion Ratio Lower Upper
252 100
253 24.4 19.0 28.6
125 12.5 10.3 15.5





#89

Benzo(a)pyrene

Concen: 47.63 ng

RT: 23.32 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MS

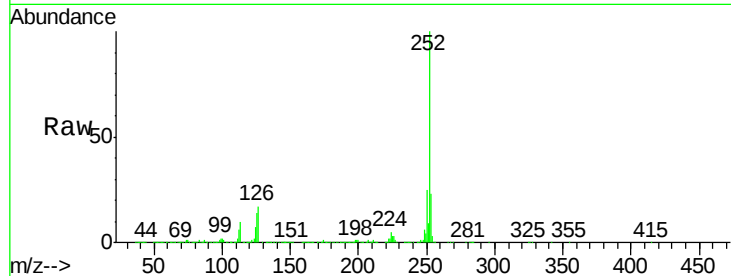
Tgt Ion:252 Resp: 1301676

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

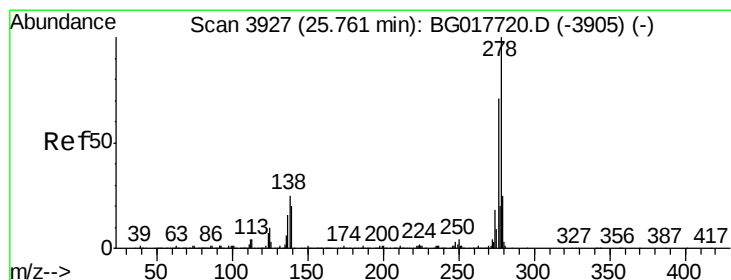
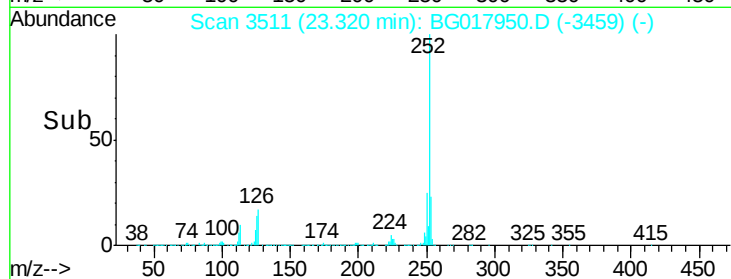
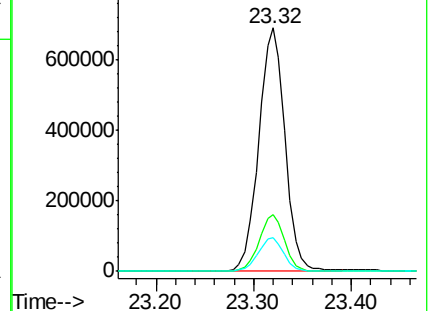
125 13.8 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.19 ng

RT: 25.68 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BG017950.D

Acq: 18 Jul 2015 7:04

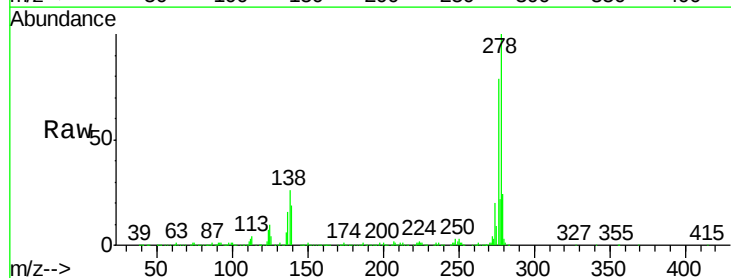
Tgt Ion:278 Resp: 1308769

Ion Ratio Lower Upper

278 100

139 19.2 16.2 24.2

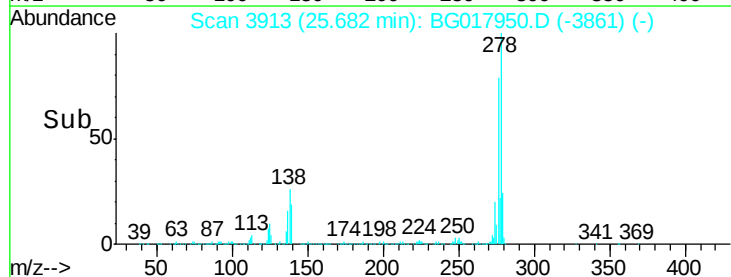
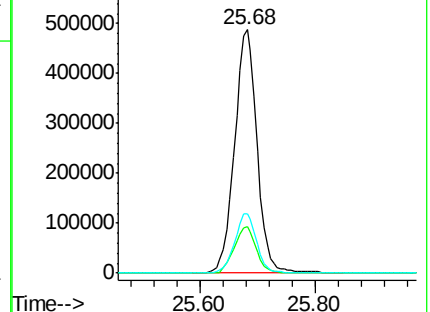
279 24.5 19.9 29.9

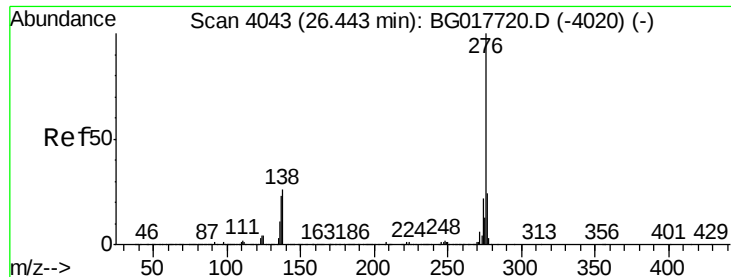


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 46.20 ng
 RT: 26.36 min Scan# 4028
 Delta R.T. 0.00 min
 Lab File: BG017950.D
 Acq: 18 Jul 2015 7:04

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MS

Tgt Ion: 276 Resp: 1262290
 Ion Ratio Lower Upper
 276 100
 277 24.7 18.9 28.3
 138 24.8 20.8 31.2

