

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017281.D
 Acq On : 26 May 2015 17:27
 Operator : TP/IZ
 Sample : G2383-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Quant Time: May 27 03:21:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	26282	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	111225	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	76686	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	181107	20.00	ng	0.00
75) Chrysene-d12	21.26	240	204404	20.00	ng	0.00
86) Perylene-d12	23.50	264	201263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	202769	136.88	ng	0.00
7) Phenol-d6	6.87	99	278505	133.97	ng	0.00
23) Nitrobenzene-d5	8.83	82	182832	76.74	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	126328	136.27	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	351881	67.33	ng	0.00
78) Terphenyl-d14	19.70	244	690426	70.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	20920	35.79	ng	95
3) Pyridine	3.52	79	31772	17.97	ng	92
4) n-Nitrosodimethylamine	3.44	42	47623	35.49	ng	97
6) Aniline	6.99	93	78428	27.27	ng	99
8) 2-Chlorophenol	7.24	128	75993	42.88	ng	98
9) Benzaldehyde	6.80	77	11052	6.36	ng	87
10) Phenol	6.90	94	95108	43.14	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	68255	41.29	ng	99
12) 1,3-Dichlorobenzene	7.55	146	73053	36.91	ng	99
13) 1,4-Dichlorobenzene	7.70	146	77252	38.67	ng	95
14) 1,2-Dichlorobenzene	8.01	146	72863	38.18	ng	97
15) Benzyl Alcohol	7.91	79	77404	38.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	107925	40.27	ng	98
17) 2-Methylphenol	8.13	107	66300	41.48	ng	87
18) Hexachloroethane	8.74	117	30420	36.45	ng	94
19) n-Nitroso-di-n-propylamine	8.48	70	64676	35.71	ng	98
20) 3+4-Methylphenols	8.46	107	90454	40.72	ng	94
22) Acetophenone	8.49	105	112196	41.56	ng	# 97
24) Nitrobenzene	8.87	77	93613	40.16	ng	95
25) Isophorone	9.39	82	172158	39.21	ng	98
26) 2-Nitrophenol	9.57	139	43649	41.89	ng	92
27) 2,4-Dimethylphenol	9.66	122	73368	42.78	ng	96
28) bis(2-Chloroethoxy)methane	9.88	93	87357	40.86	ng	96
29) 2,4-Dichlorophenol	10.13	162	75054	46.39	ng	96
30) 1,2,4-Trichlorobenzene	10.32	180	74453	40.57	ng	98
31) Naphthalene	10.51	128	220613	40.53	ng	99
32) Benzoic acid	9.77	122	11409	9.82	ng	98
33) 4-Chloroaniline	10.63	127	77089	29.95	ng	95
34) Hexachlorobutadiene	10.79	225	45595	39.23	ng	97
35) Caprolactam	11.41	113	20755	25.52	ng	93
36) 4-Chloro-3-methylphenol	11.78	107	93165	45.58	ng	94
37) 2-Methylnaphthalene	12.12	142	168678	39.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	81624	37.62	ng	98
40) Hexachlorocyclopentadiene	12.48	237	99766	75.38	ng	93

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017281.D
 Acq On : 26 May 2015 17:27
 Operator : TP/IZ
 Sample : G2383-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Quant Time: May 27 03:21:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	65141	42.33	ng	94
43) 2,4,5-Trichlorophenol	12.85	196	70499	44.46	ng	96
45) 1,1'-Biphenyl	13.15	154	216250	39.15	ng	99
46) 2-Chloronaphthalene	13.19	162	171914	39.31	ng	94
47) 2-Nitroaniline	13.41	65	70180	41.25	ng	99
48) Acenaphthylene	14.05	152	290728	38.81	ng	99
49) Dimethylphthalate	13.79	163	279188	46.56	ng	98
50) 2,6-Dinitrotoluene	13.91	165	56084	42.21	ng	94
51) Acenaphthene	14.39	154	172116	38.90	ng	97
52) 3-Nitroaniline	14.25	138	53324	36.17	ng	91
53) 2,4-Dinitrophenol	14.45	184	45480	58.95	ng	95
54) Dibenzofuran	14.73	168	264690	40.24	ng	99
55) 4-Nitrophenol	14.60	139	103504	87.19	ng	96
56) 2,4-Dinitrotoluene	14.70	165	81874	44.18	ng	91
57) Fluorene	15.37	166	232543	39.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	65017	44.68	ng	98
59) Diethylphthalate	15.16	149	252501	39.20	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	119349	39.91	ng	92
61) 4-Nitroaniline	15.41	138	68509	41.65	ng	98
62) Azobenzene	15.66	77	249643	40.57	ng	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	49608	39.97	ng	100
65) n-Nitrosodiphenylamine	15.59	169	209975	37.77	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	74778	37.86	ng	96
67) Hexachlorobenzene	16.38	284	79830	38.30	ng	96
68) Atrazine	16.55	200	91951	45.21	ng	97
69) Pentachlorophenol	16.73	266	106188	81.61	ng	93
70) Phenanthrene	17.11	178	357161	38.24	ng	98
71) Anthracene	17.21	178	364231	38.48	ng	97
72) Carbazole	17.48	167	371291	42.69	ng	98
73) Di-n-butylphthalate	18.05	149	471569	40.52	ng	97
74) Fluoranthene	19.13	202	451638	40.27	ng	98
76) Benzidine	19.33	184	143788	21.55	ng	97
77) Pyrene	19.50	202	465365	37.11	ng	98
79) Butylbenzylphthalate	20.40	149	213091	37.37	ng	97
80) Benzo(a)anthracene	21.24	228	444150	37.92	ng	97
81) 3,3'-Dichlorobenzidine	21.18	252	134509	29.67	ng	100
82) Chrysene	21.30	228	422508	38.73	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	312350	38.54	ng	100
84) Di-n-octyl phthalate	22.05	149	514274	38.12	ng	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	481195	36.86	ng	99
87) Benzo(b)fluoranthene	22.82	252	435290	37.10	ng	99
88) Benzo(k)fluoranthene	22.87	252	429613	38.57	ng	99
89) Benzo(a)pyrene	23.41	252	416467	38.66	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	409958	37.06	ng	99
91) Benzo(g,h,i)perylene	26.50	276	389532	37.42	ng	97

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

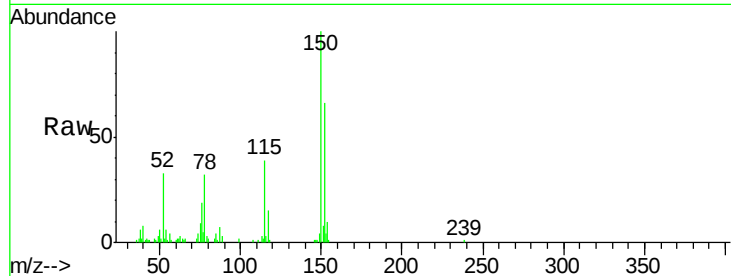


#1

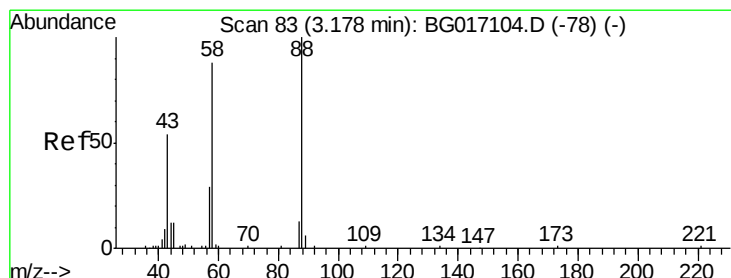
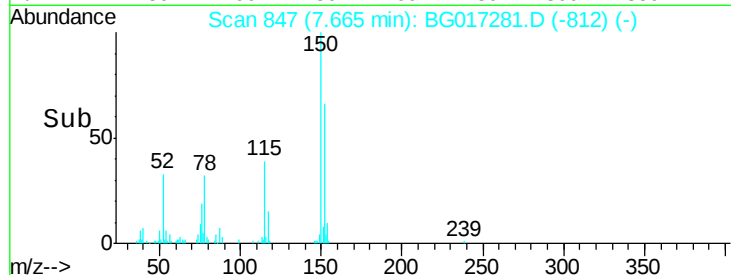
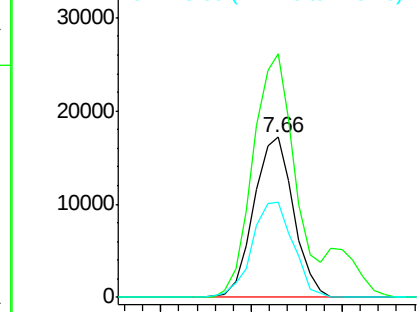
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion:152 Resp: 26282
Ion Ratio Lower Upper
152 100
150 152.0 120.8 181.2
115 59.1 49.4 74.2



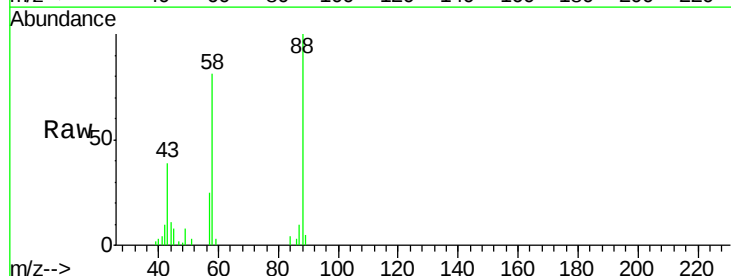
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



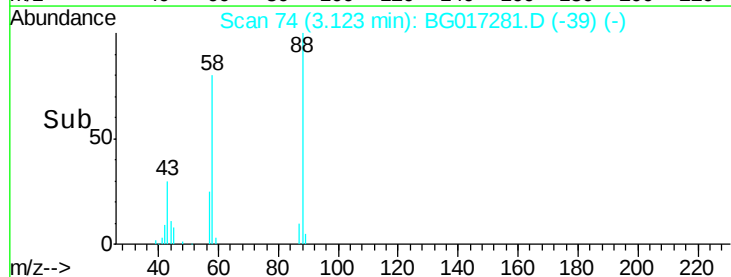
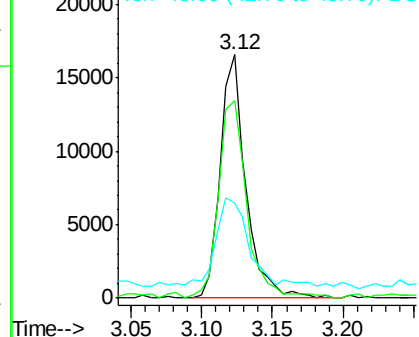
#2

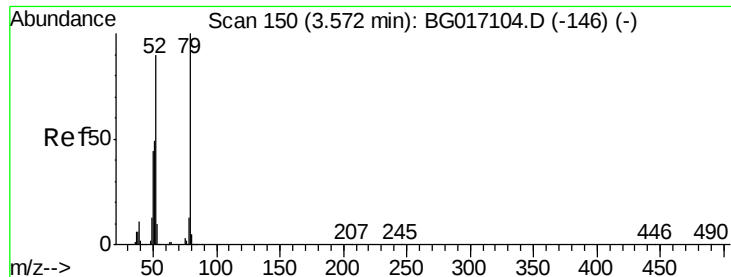
1,4-Dioxane
Concen: 35.79 ng
RT: 3.12 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion: 88 Resp: 20920
Ion Ratio Lower Upper
88 100
58 89.8 68.6 103.0
43 46.5 40.3 60.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 17.97 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

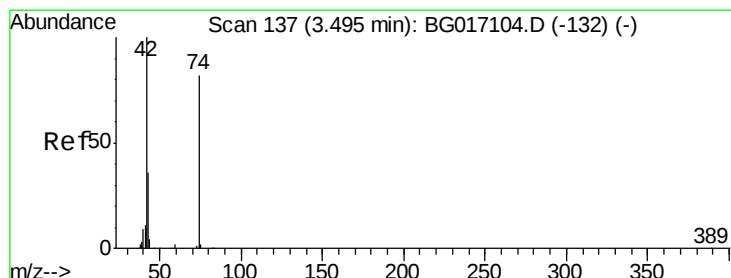
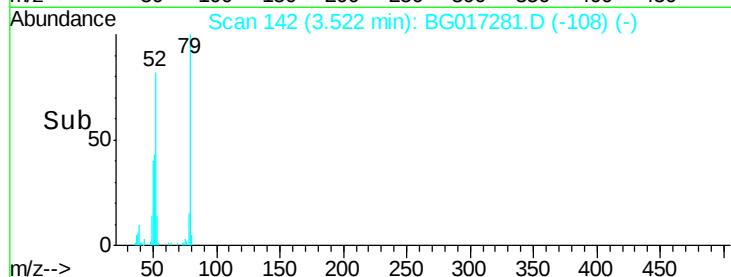
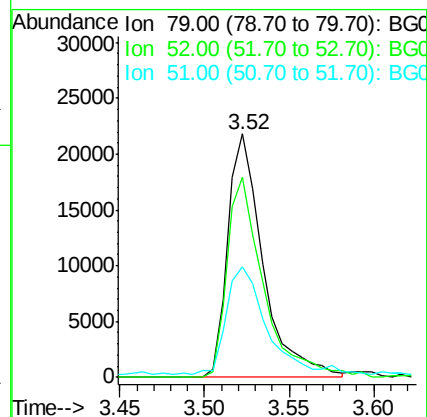
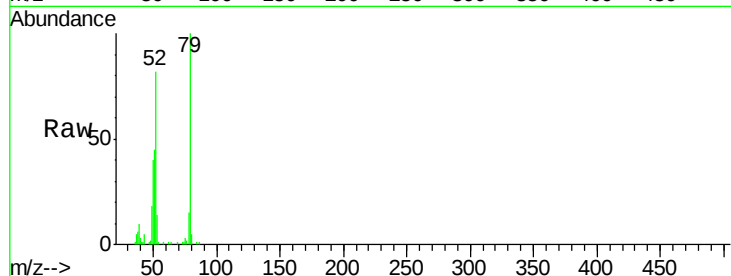
Tgt Ion: 79 Resp: 31772

Ion Ratio Lower Upper

79 100

52 82.1 72.2 108.2

51 45.2 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 35.49 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

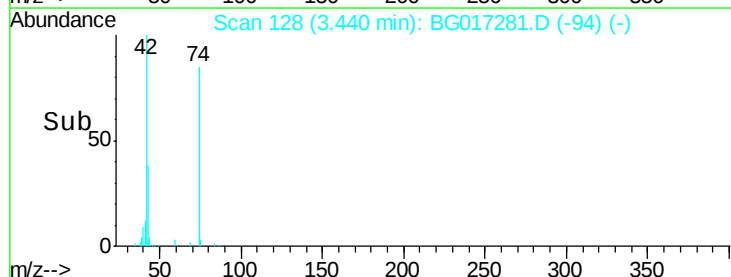
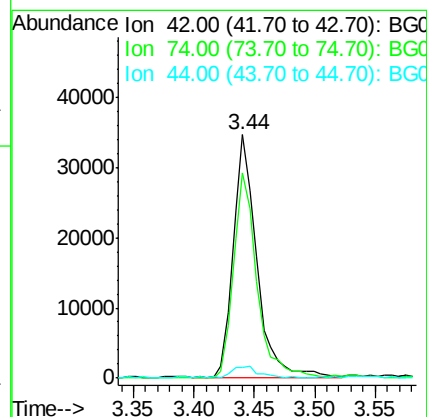
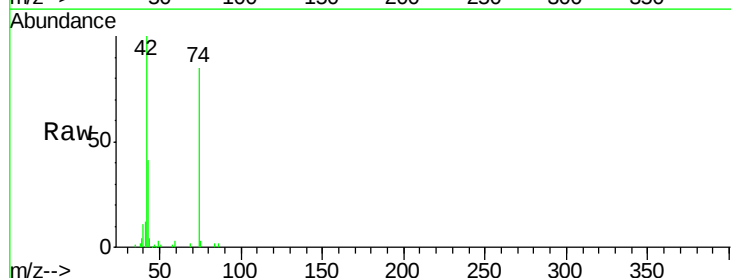
Tgt Ion: 42 Resp: 47623

Ion Ratio Lower Upper

42 100

74 84.5 65.2 97.8

44 4.3 3.2 4.8





#5

2-Fluorophenol

Concen: 136.88 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

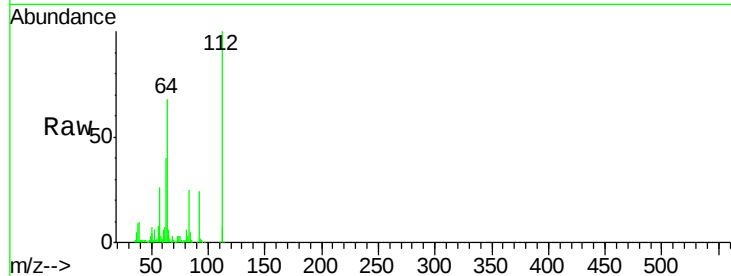
Tgt Ion: 112 Resp: 202769

Ion Ratio Lower Upper

112 100

64 68.2 48.1 72.1

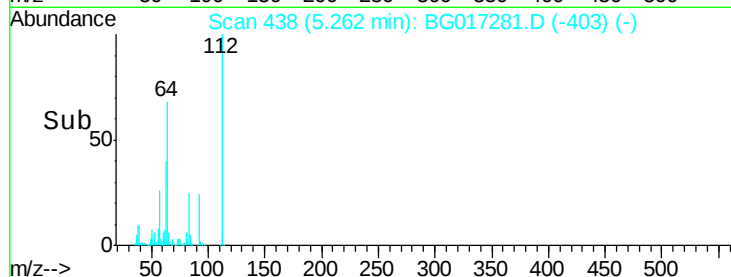
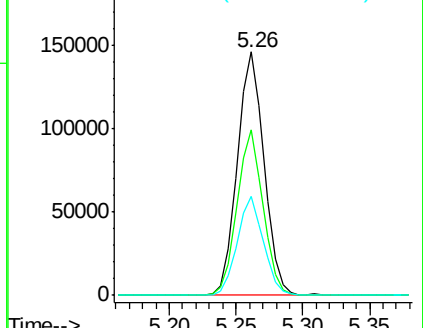
63 40.5 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.27 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

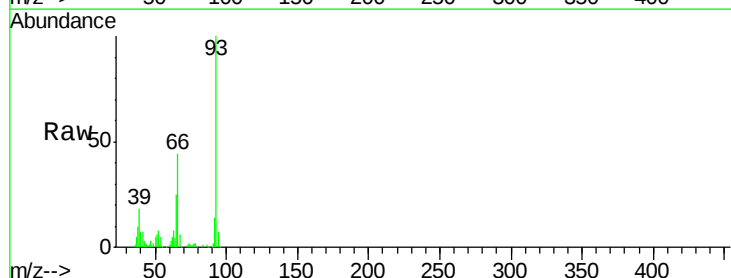
Tgt Ion: 93 Resp: 78428

Ion Ratio Lower Upper

93 100

66 43.8 35.8 53.8

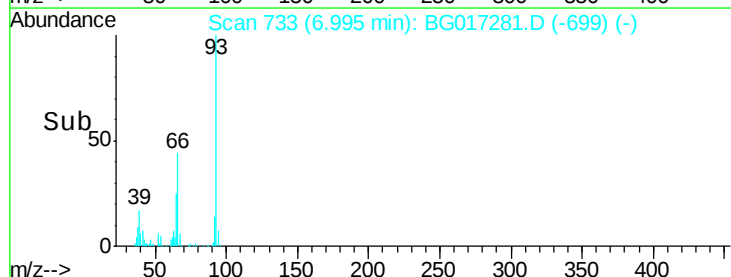
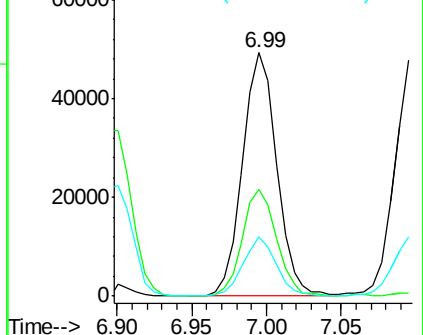
65 24.6 19.2 28.8

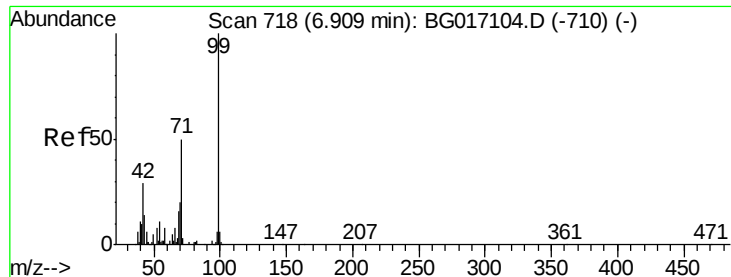


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.97 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

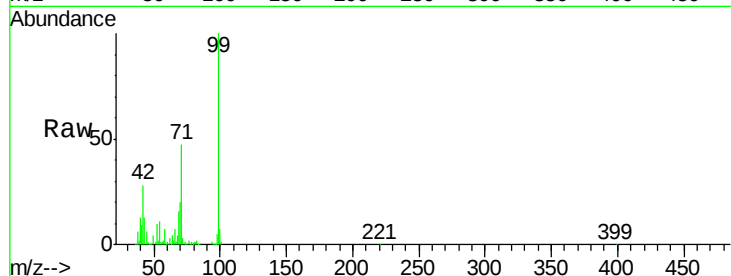
Tgt Ion: 99 Resp: 278505

Ion Ratio Lower Upper

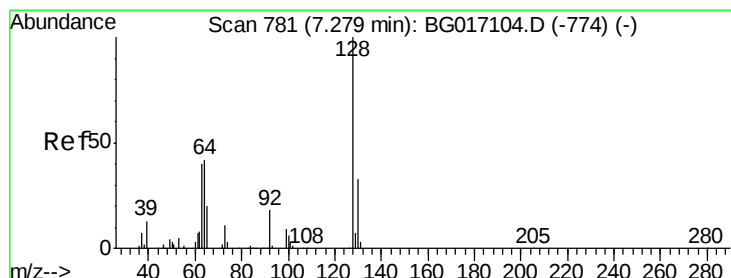
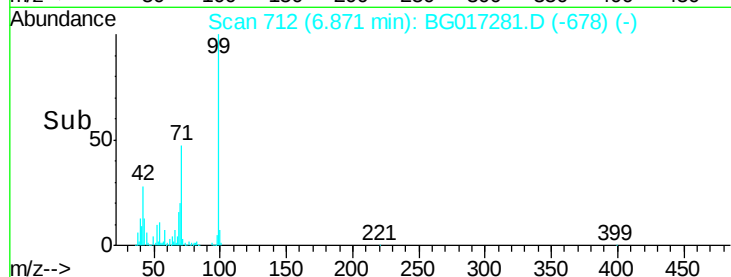
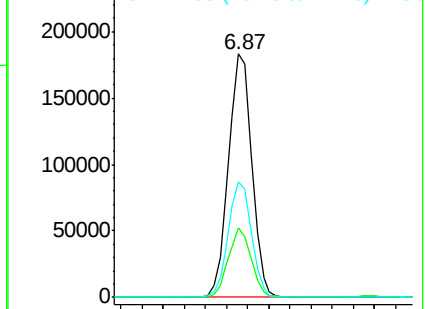
99 100

42 28.4 23.5 35.3

71 47.4 39.8 59.8



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



#8

2-Chlorophenol

Concen: 42.88 ng

RT: 7.24 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

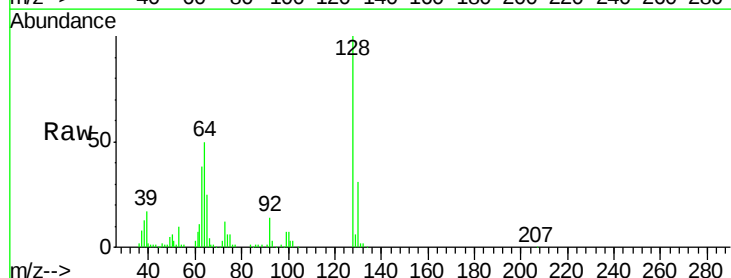
Tgt Ion: 128 Resp: 75993

Ion Ratio Lower Upper

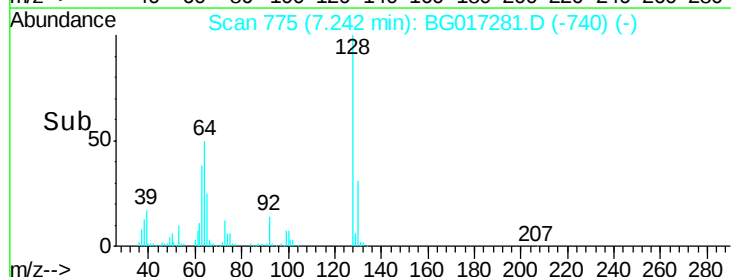
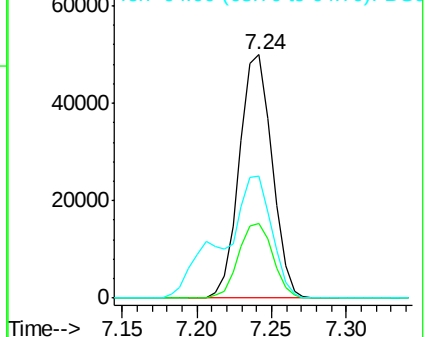
128 100

130 30.9 13.3 53.3

64 50.3 30.9 70.9



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





#9

Benzaldehyde

Concen: 6.36 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

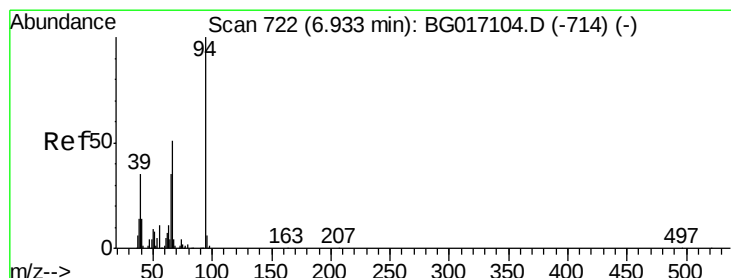
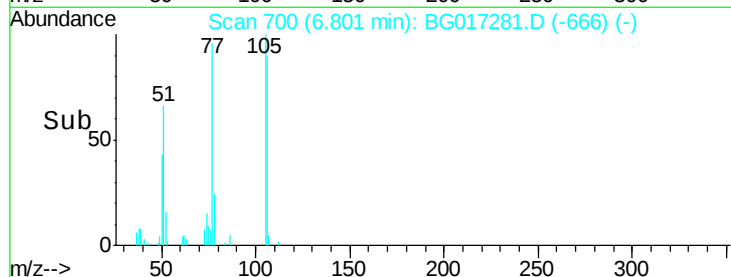
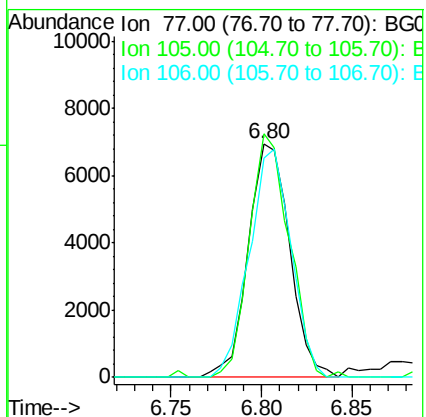
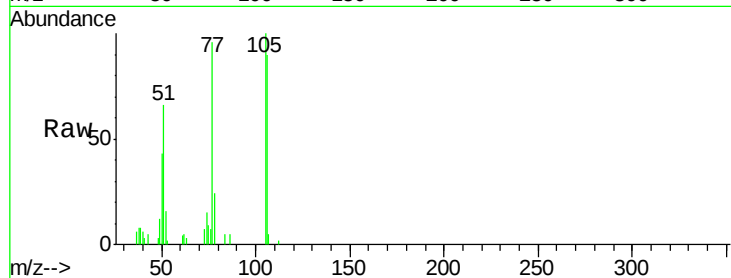
Tgt Ion: 77 Resp: 11052

Ion Ratio Lower Upper

77 100

105 104.1 69.5 109.5

106 93.6 63.4 103.4



#10

Phenol

Concen: 43.14 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

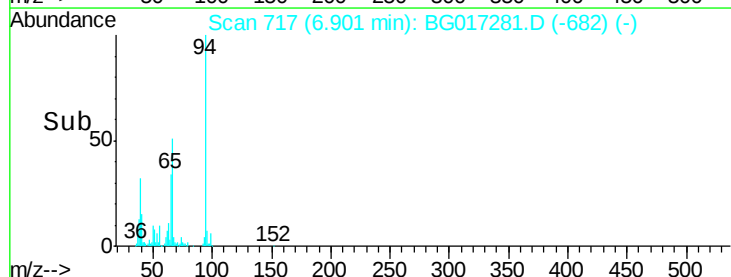
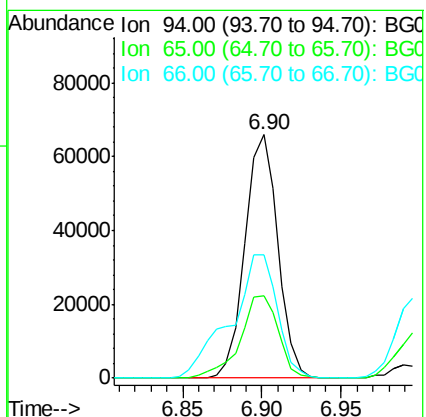
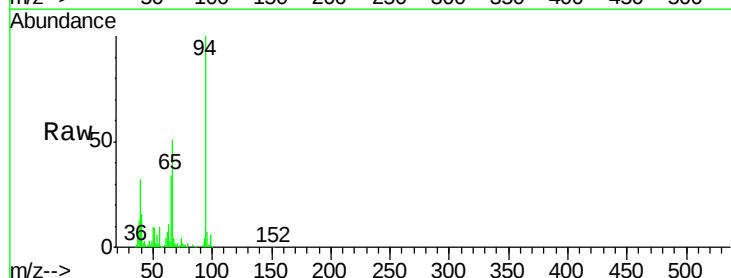
Tgt Ion: 94 Resp: 95108

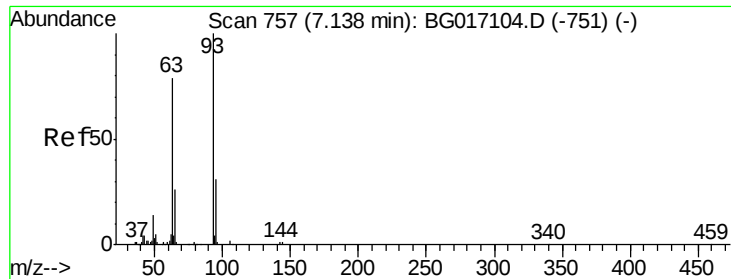
Ion Ratio Lower Upper

94 100

65 33.9 15.0 55.0

66 50.9 32.1 72.1

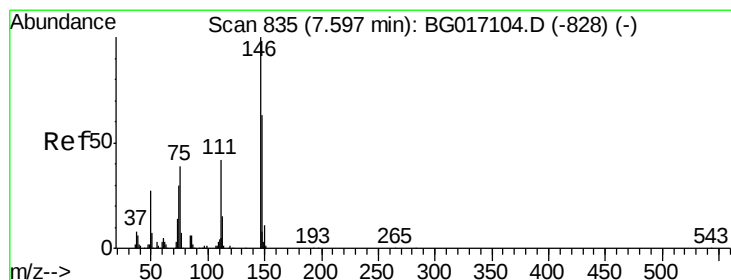
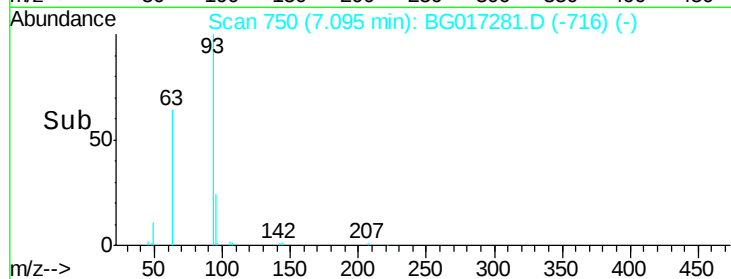
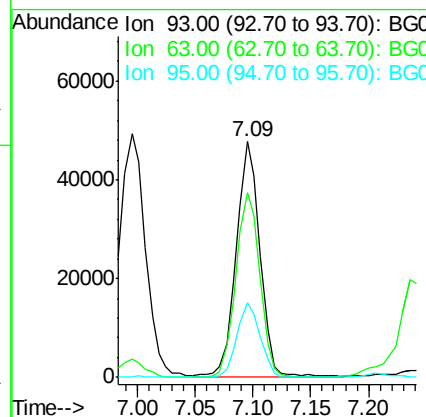
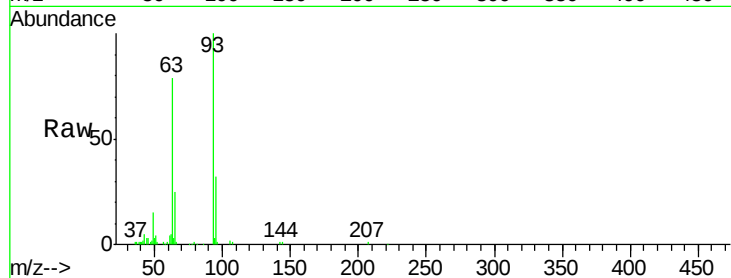




#11
 bis(2-Chloroethyl)ether
 Concen: 41.29 ng
 RT: 7.09 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

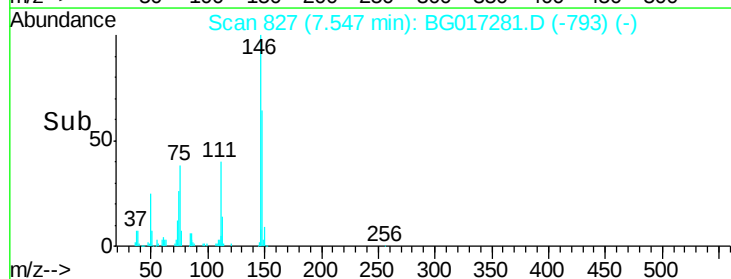
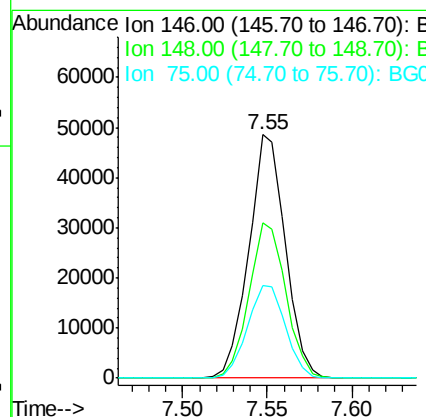
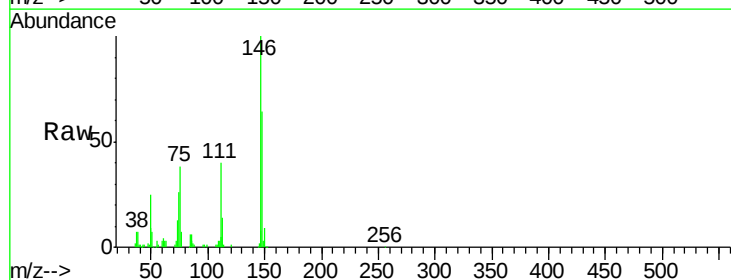
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.5	98.5
95	31.9	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 36.91 ng
 RT: 7.55 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	37.9	31.4	47.2

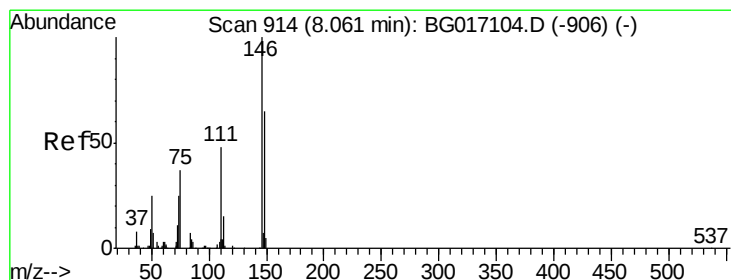
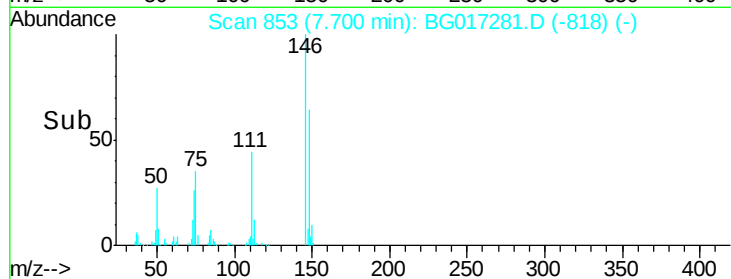
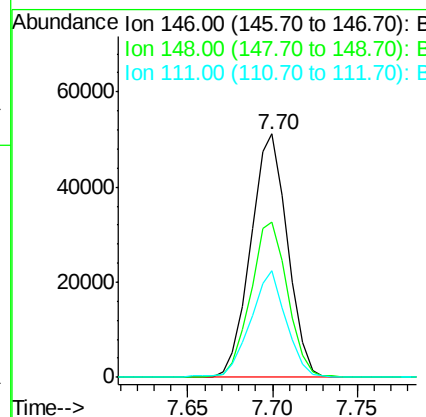
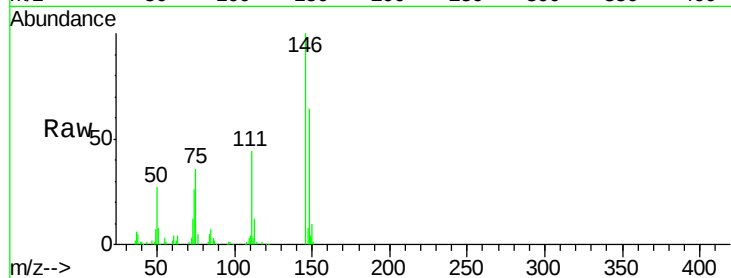




#13
 1,4-Dichlorobenzene
 Concen: 38.67 ng
 RT: 7.70 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

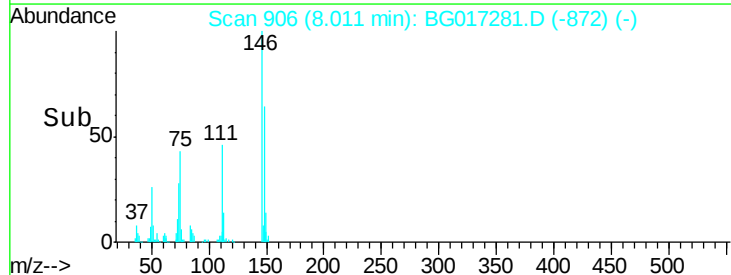
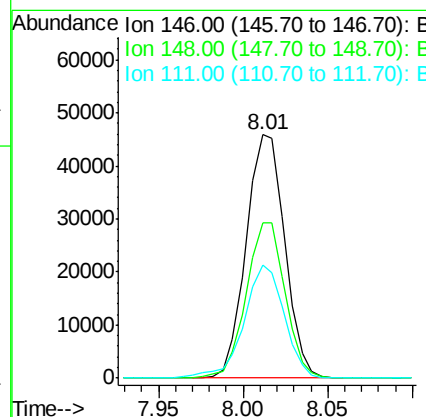
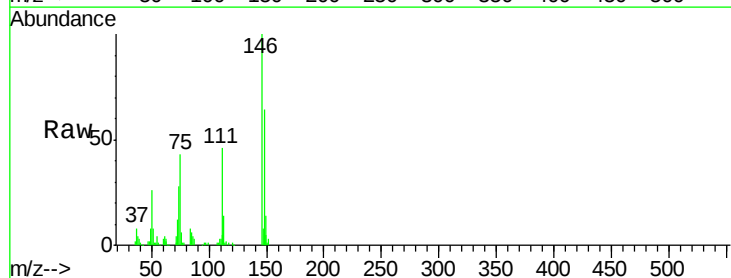
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion:146 Resp: 77252
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.9 80.9
 111 43.7 37.9 56.9



#14
 1,2-Dichlorobenzene
 Concen: 38.18 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion:146 Resp: 72863
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 46.5 39.0 58.4





#15

Benzyl Alcohol

Concen: 38.32 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

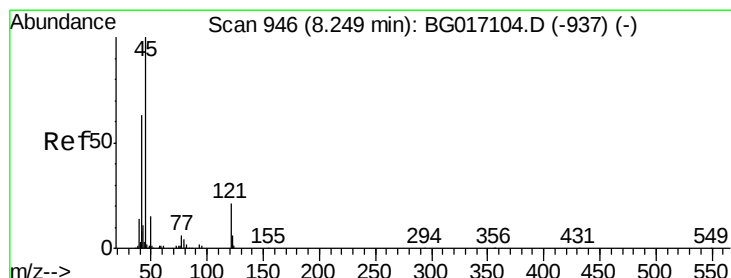
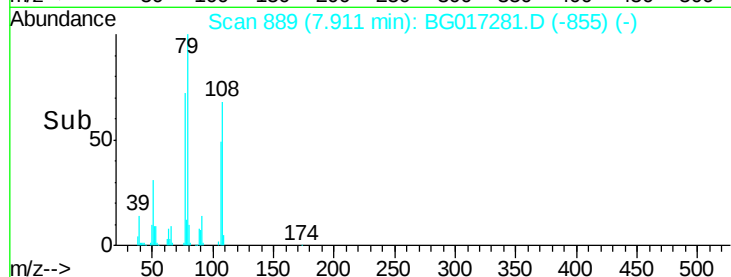
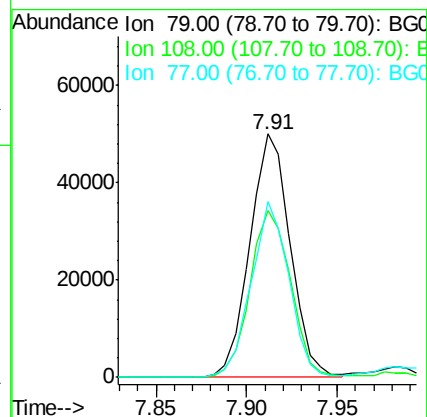
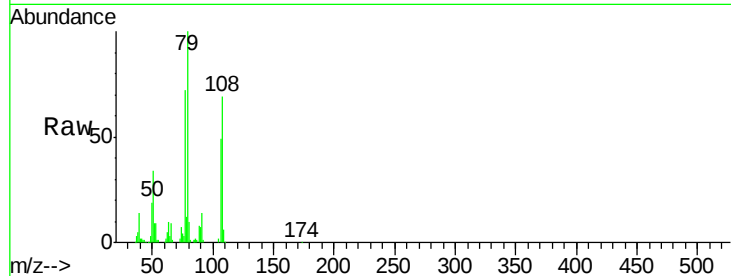
Tgt Ion: 79 Resp: 77404

Ion Ratio Lower Upper

79 100

108 68.6 55.8 83.6

77 72.1 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.27 ng

RT: 8.21 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

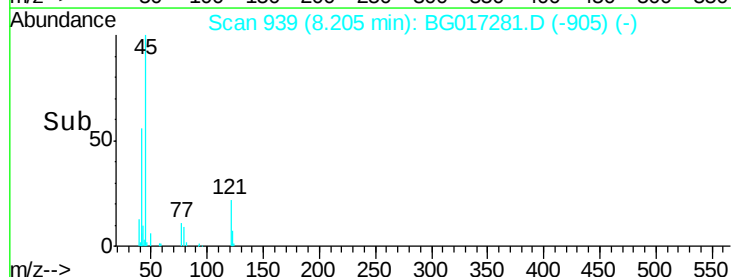
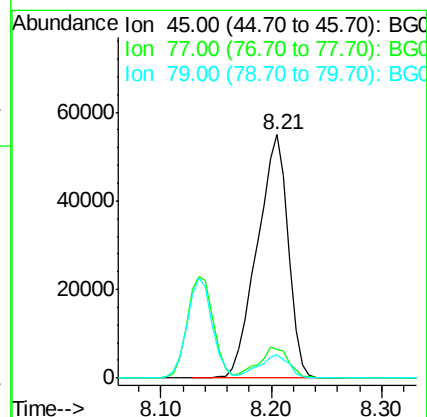
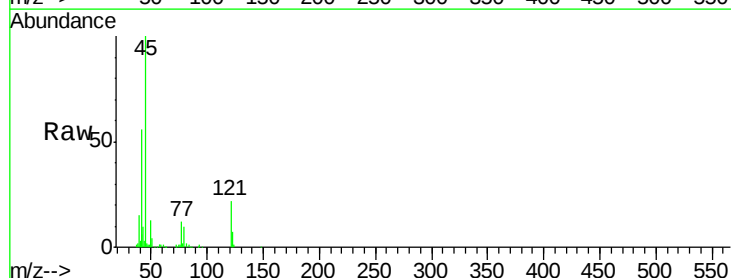
Tgt Ion: 45 Resp: 107925

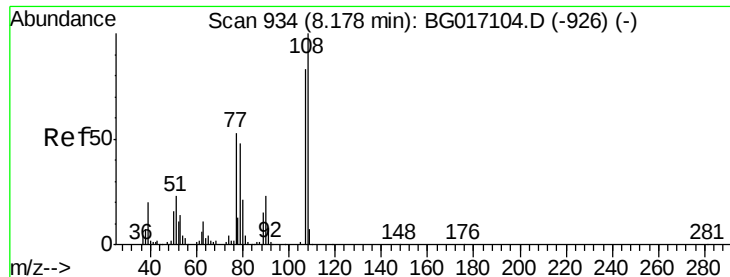
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.5

79 9.6 0.0 29.4





#17

2-Methylphenol

Concen: 41.48 ng

RT: 8.13 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

Tgt Ion:107 Resp: 66300

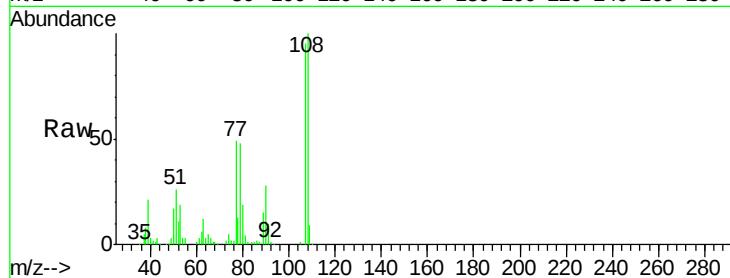
Ion Ratio Lower Upper

107 100

108 105.4 96.6 144.8

77 51.7 51.2 76.8

79 51.0 45.9 68.9

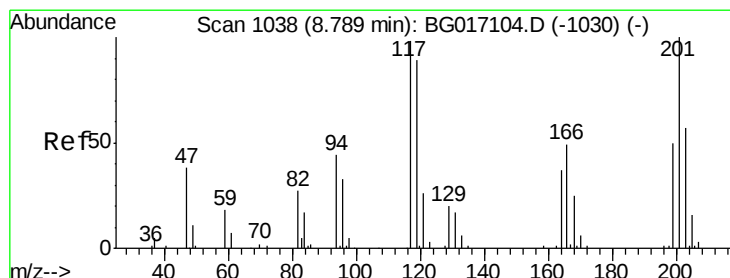
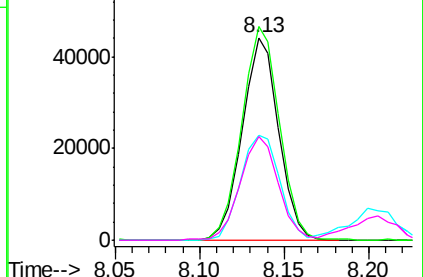
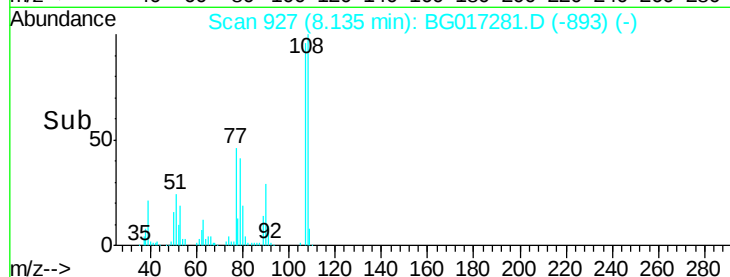


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.45 ng

RT: 8.74 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

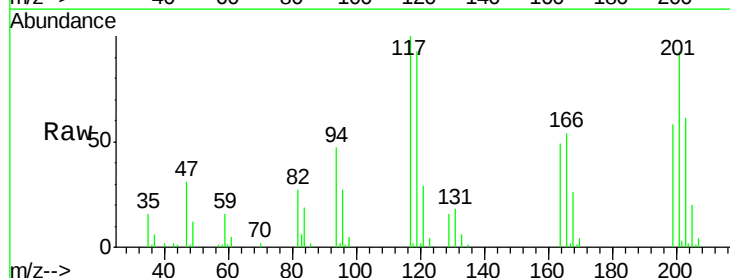
Tgt Ion:117 Resp: 30420

Ion Ratio Lower Upper

117 100

119 93.4 73.0 109.6

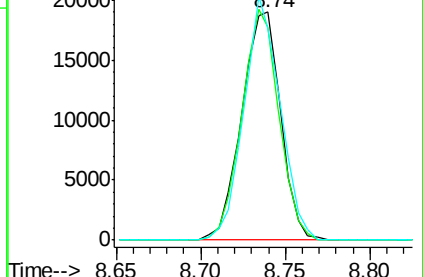
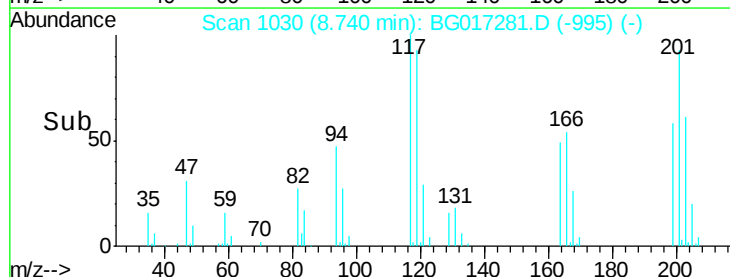
201 92.7 81.7 122.5

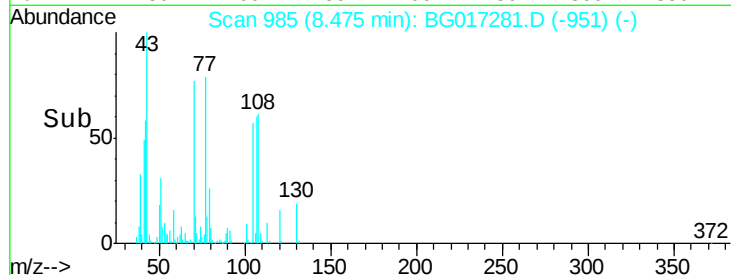
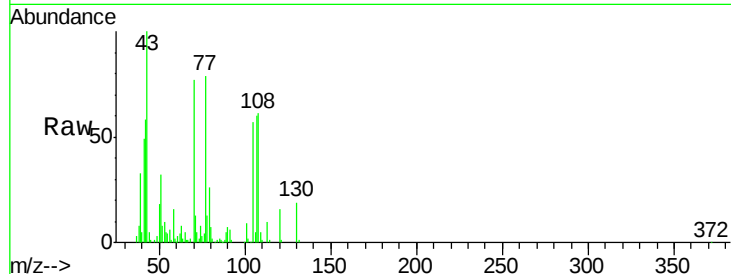
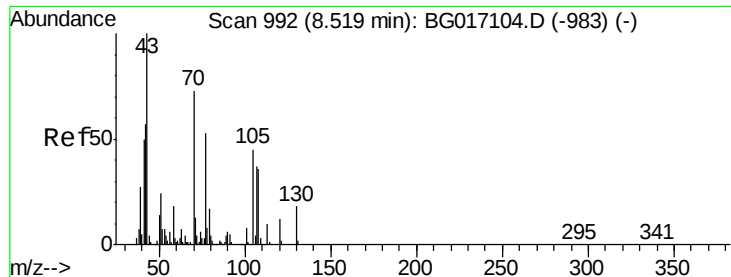


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

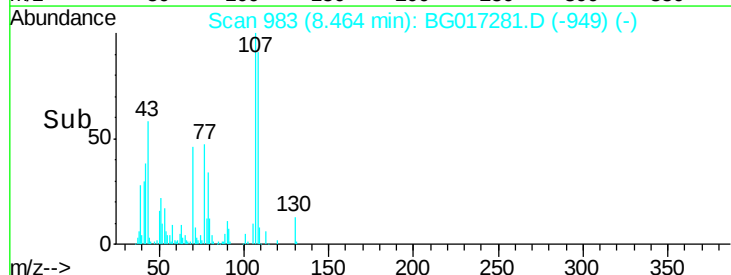
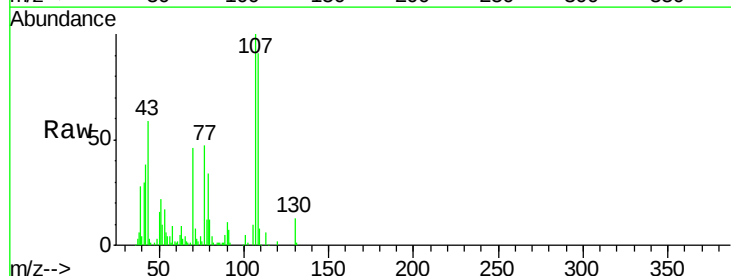
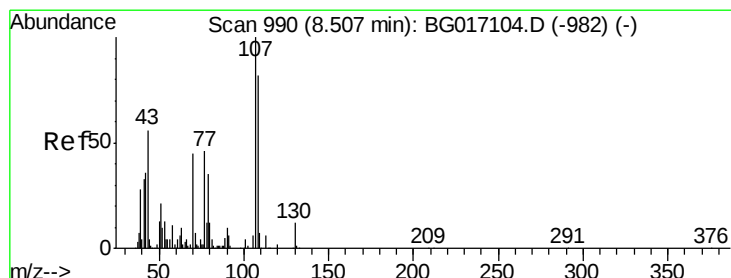
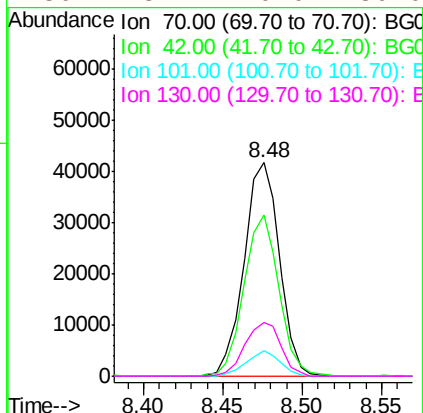




#19
n-Nitroso-di-n-propylamine
Concen: 35.71 ng
RT: 8.48 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

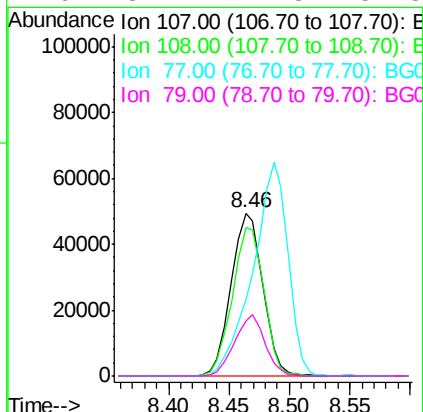
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion: 70 Resp: 64676
Ion Ratio Lower Upper
70 100
42 75.6 62.6 94.0
101 12.1 9.0 13.4
130 25.2 20.0 30.0



#20
3+4-Methylphenols
Concen: 40.72 ng
RT: 8.46 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion: 107 Resp: 90454
Ion Ratio Lower Upper
107 100
108 91.2 62.2 102.2
77 47.0 26.0 66.0
79 34.1 14.8 54.8

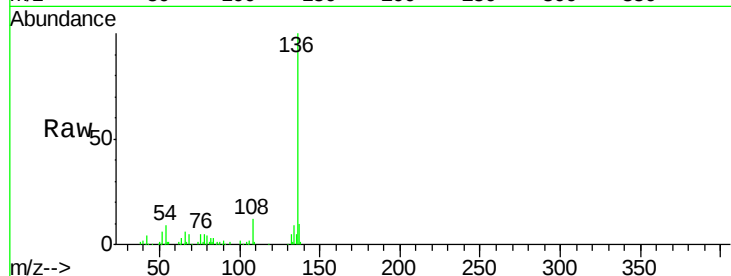




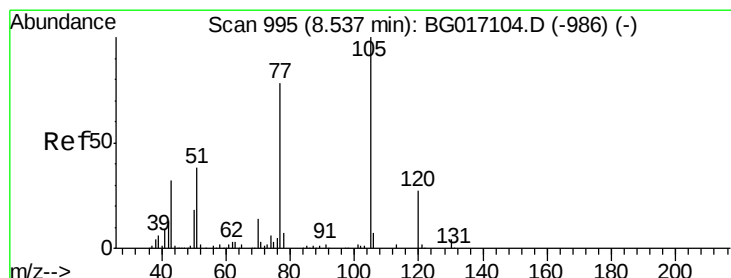
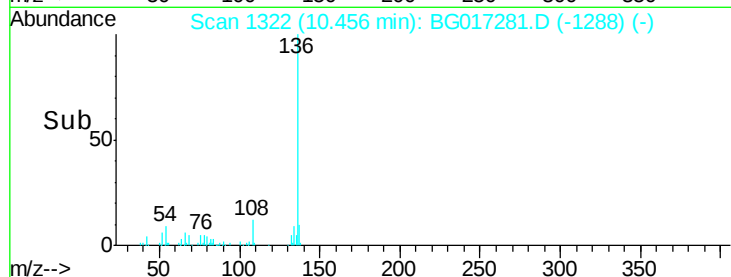
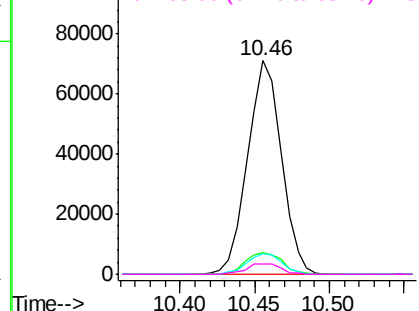
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion:	136	Resp:	111225
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.3	12.5
54	9.4	7.4	11.2
68	4.8	3.6	5.4

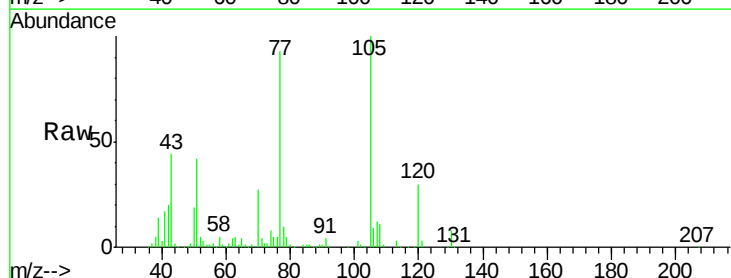


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

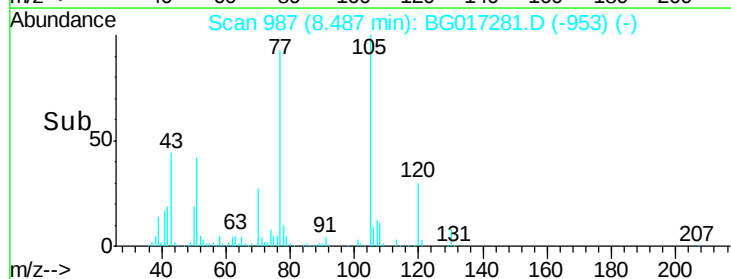
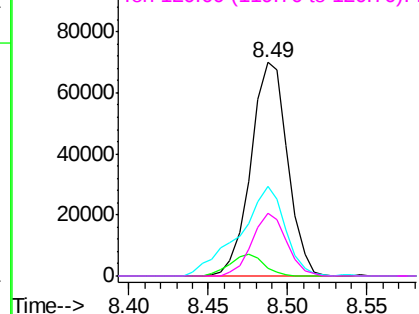


#22
Acetophenone
Concen: 41.56 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion:	105	Resp:	112196
Ion	Ratio	Lower	Upper
105	100		
71	3.6	2.2	3.4#
51	42.2	32.8	49.2
120	29.6	21.8	32.6



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

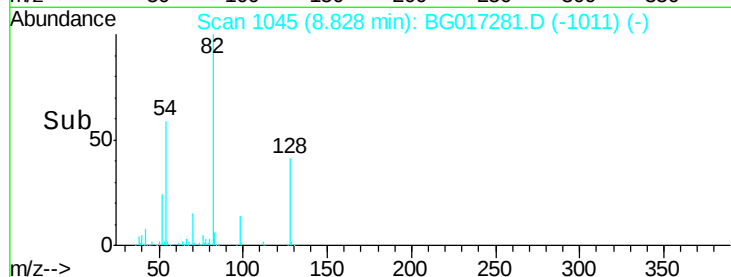
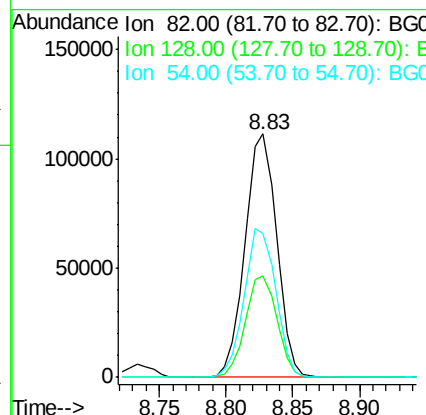
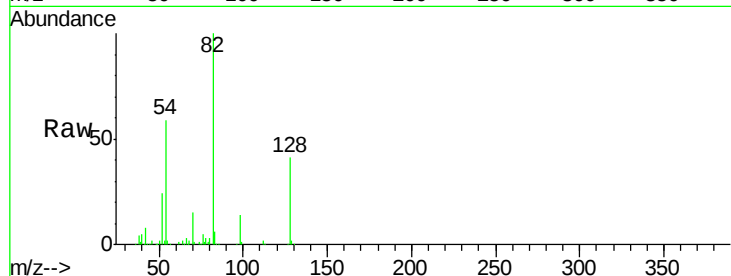




#23
 Nitrobenzene-d5
 Concen: 76.74 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

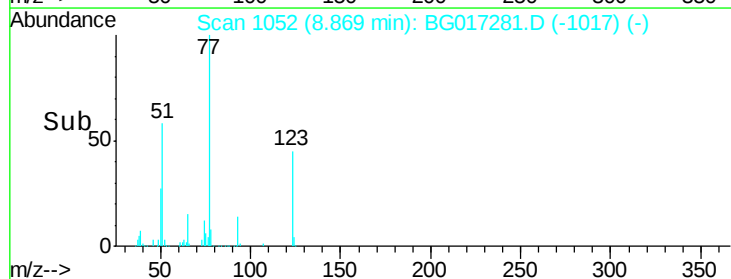
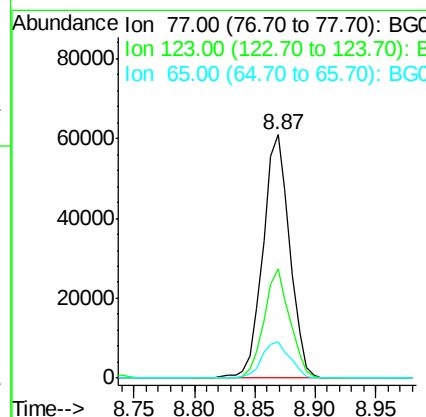
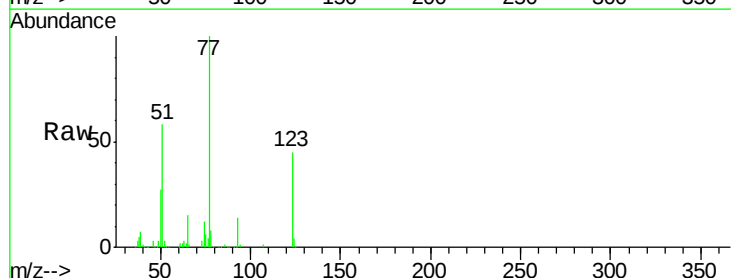
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

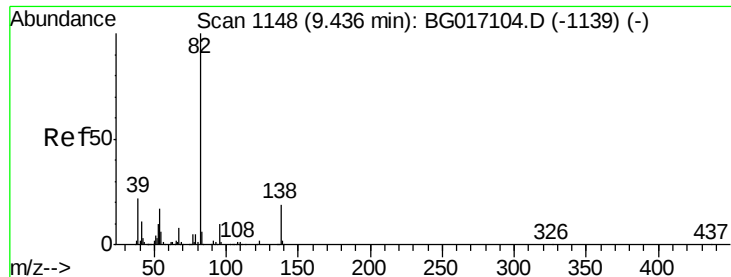
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.6	49.0
54	58.8	49.6	74.4



#24
 Nitrobenzene
 Concen: 40.16 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	33.0	49.4
65	14.7	13.3	19.9





#25

Isophorone

Concen: 39.21 ng

RT: 9.39 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

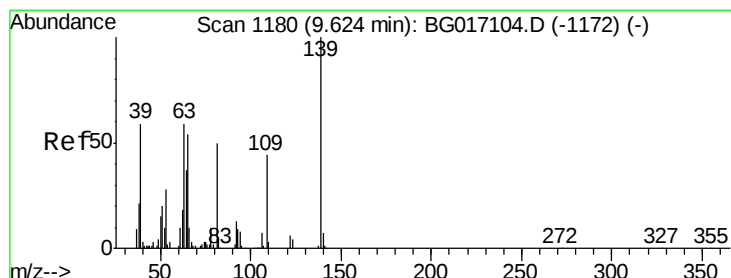
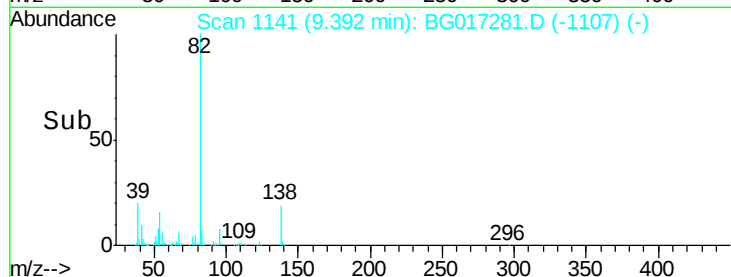
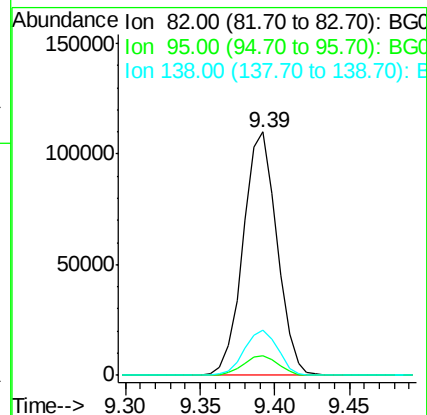
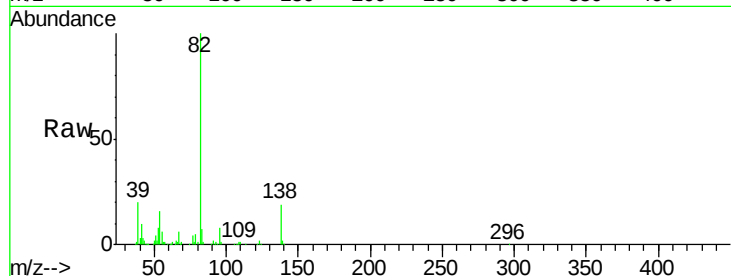
Tgt Ion: 82 Resp: 172158

Ion Ratio Lower Upper

82 100

95 8.0 7.7 11.5

138 18.6 15.0 22.6



#26

2-Nitrophenol

Concen: 41.89 ng

RT: 9.57 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

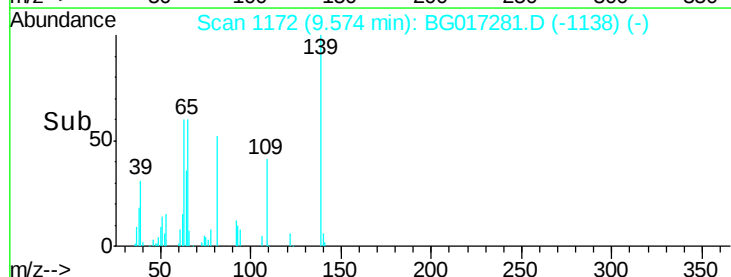
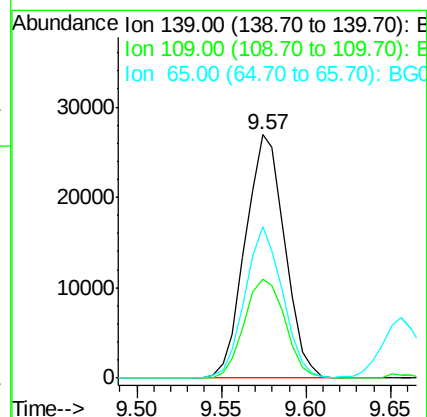
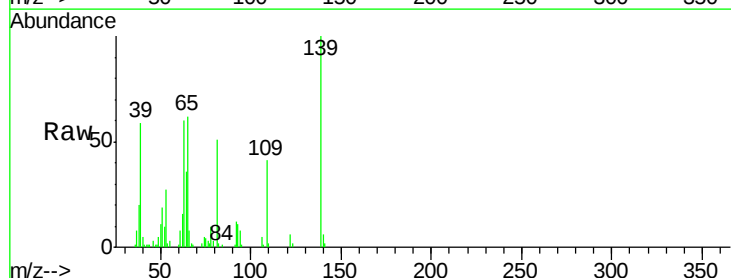
Tgt Ion: 139 Resp: 43649

Ion Ratio Lower Upper

139 100

109 40.7 34.9 52.3

65 62.0 43.0 64.4

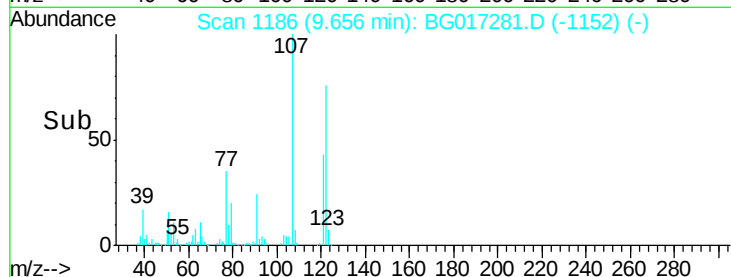
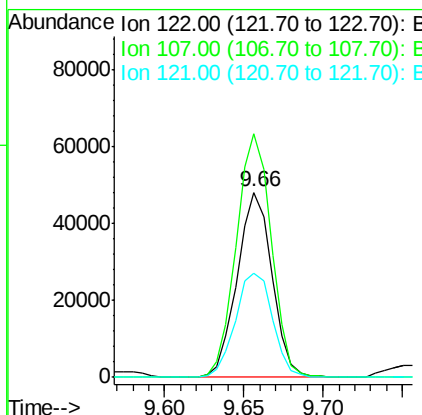
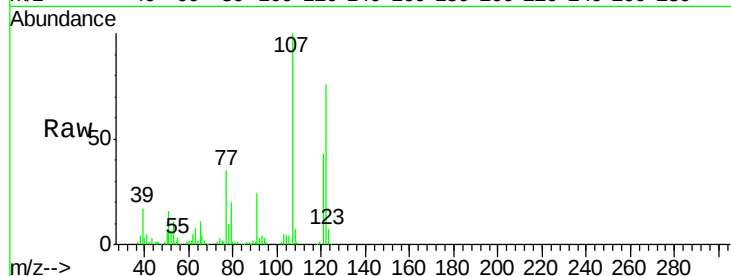




#27
2,4-Dimethylphenol
Concen: 42.78 ng
RT: 9.66 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

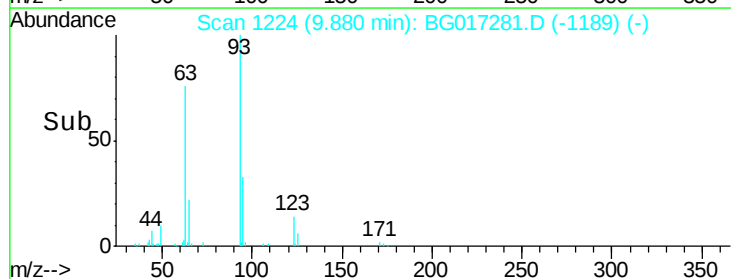
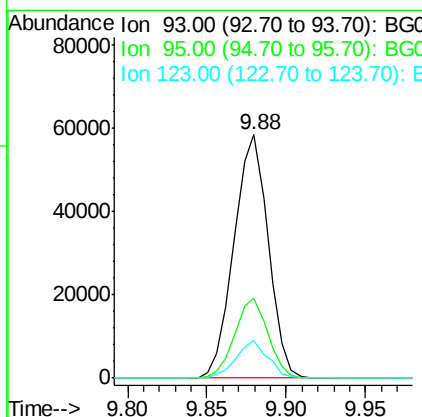
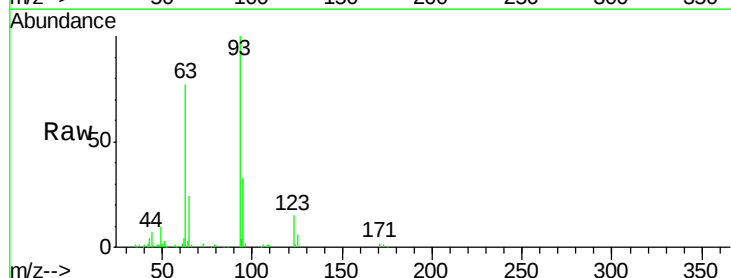
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

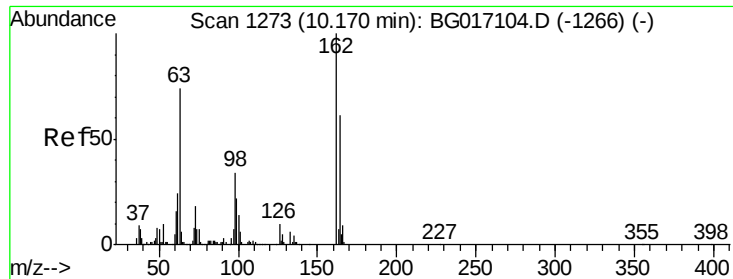
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.7	102.3	153.5
121	56.2	48.7	73.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.86 ng
RT: 9.88 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	28.0	42.0
123	15.4	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 46.39 ng

RT: 10.13 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

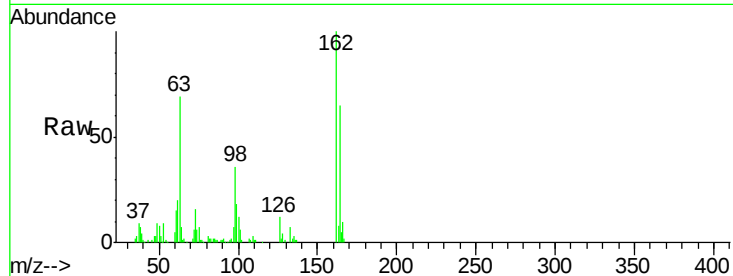
Tgt Ion:162 Resp: 75054

Ion Ratio Lower Upper

162 100

164 65.1 41.4 81.4

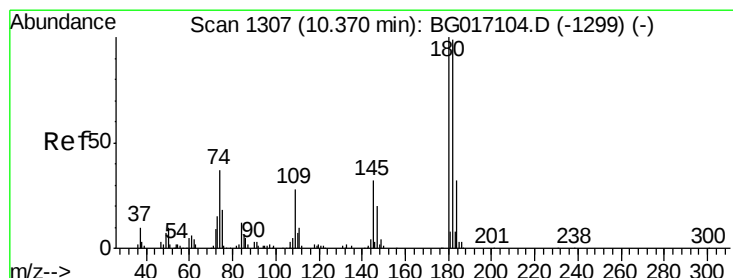
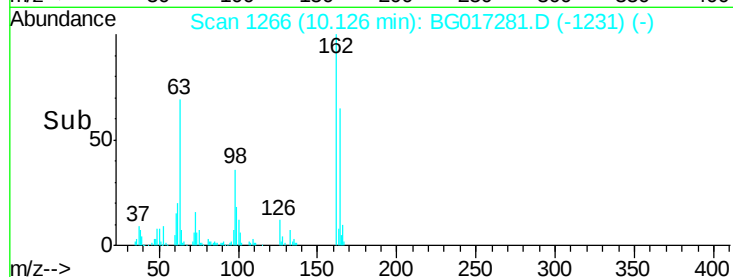
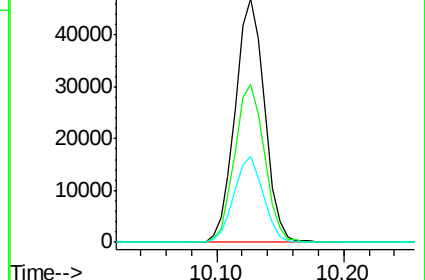
98 35.7 14.3 54.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.57 ng

RT: 10.32 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

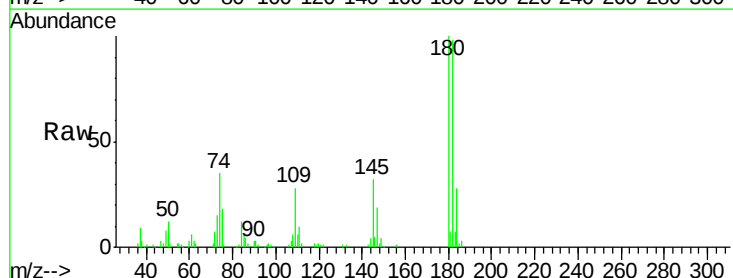
Tgt Ion:180 Resp: 74453

Ion Ratio Lower Upper

180 100

182 97.6 79.4 119.0

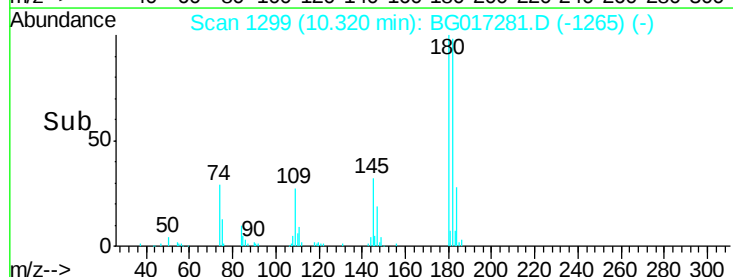
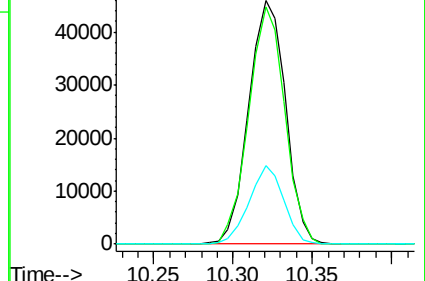
145 32.4 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

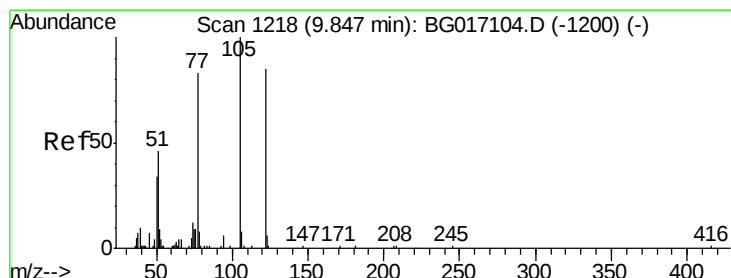
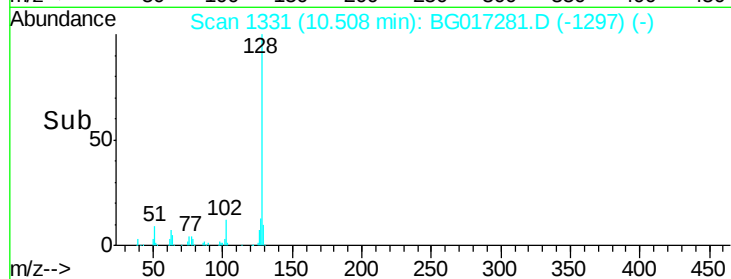
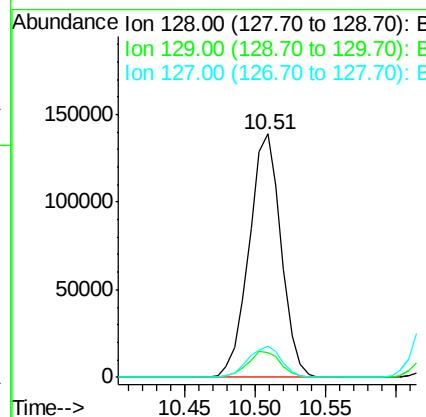
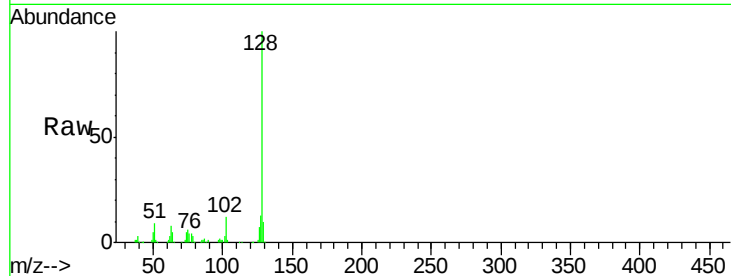




#31
Naphthalene
Concen: 40.53 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

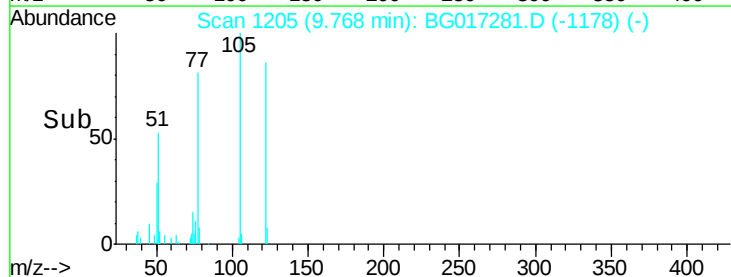
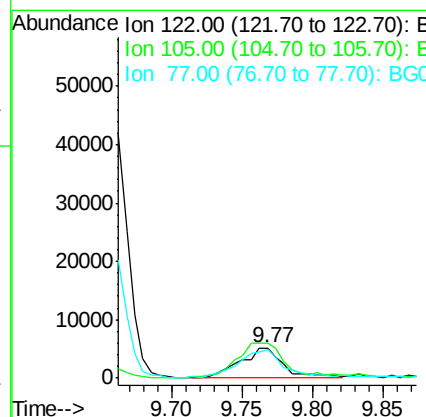
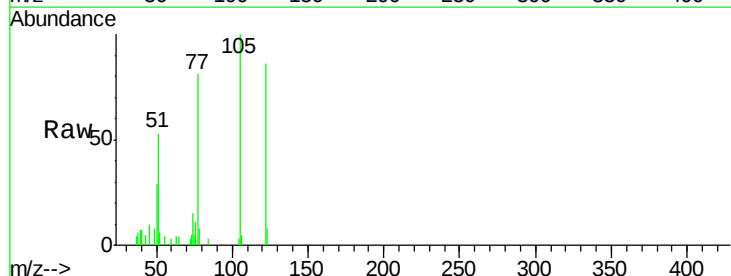
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	7.6	11.4
127	12.9	10.6	16.0



#32
Benzoic acid
Concen: 9.82 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.04 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	96.7	136.7
77	94.8	78.5	118.5

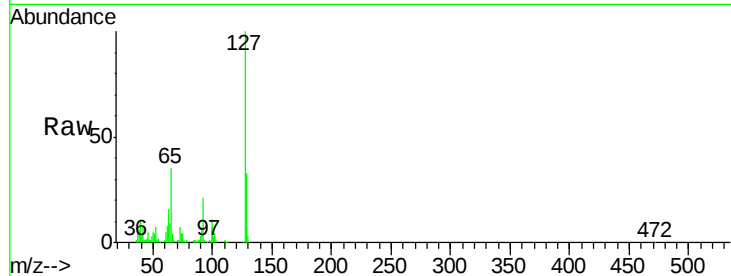




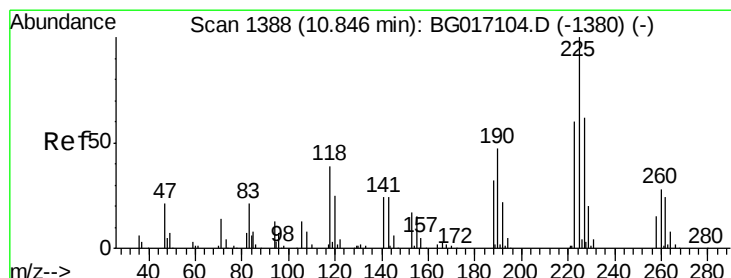
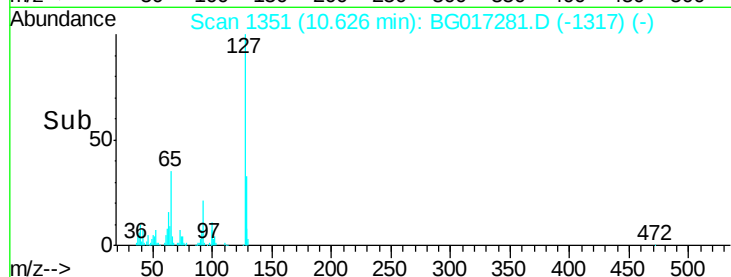
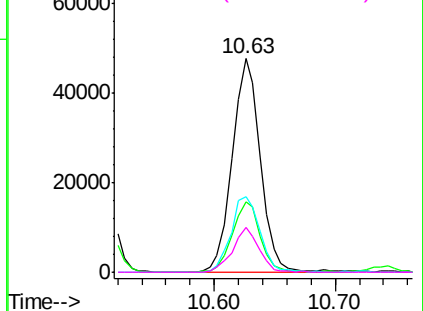
#33
4-Chloroaniline
Concen: 29.95 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion:	127	Resp:	77089
Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.8	37.2
65	35.1	25.8	38.6
92	20.8	15.0	22.4

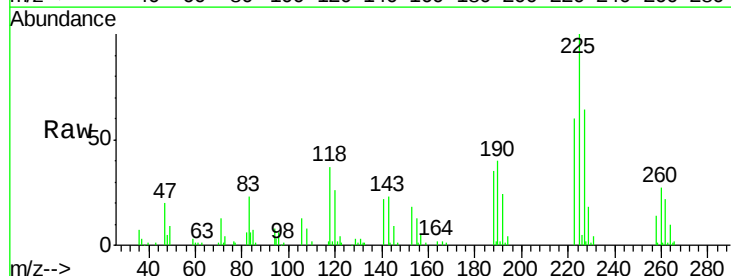


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

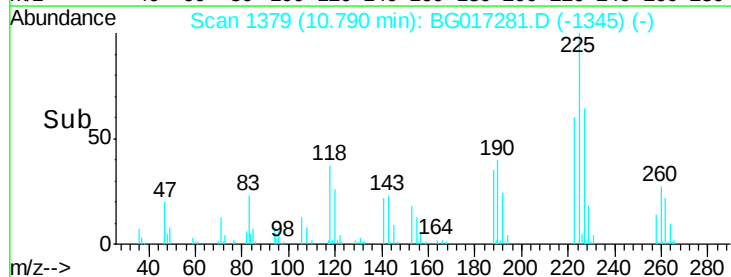
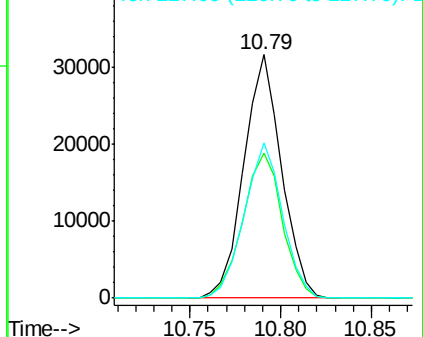


#34
Hexachlorobutadiene
Concen: 39.23 ng
RT: 10.79 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion:	225	Resp:	45595
Ion	Ratio	Lower	Upper
225	100		
223	59.8	48.3	72.5
227	65.6	49.8	74.8



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





#35

Caprolactam

Concen: 25.52 ng

RT: 11.41 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

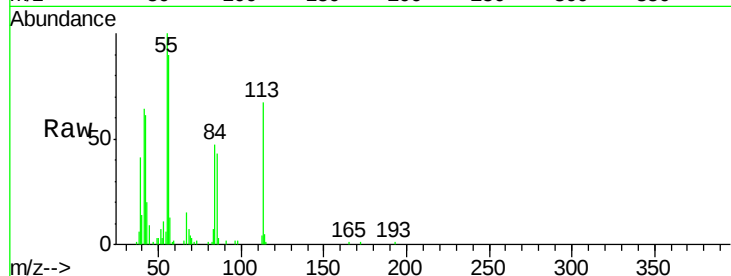
Tgt Ion:113 Resp: 20755

Ion Ratio Lower Upper

113 100

55 148.3 124.1 164.1

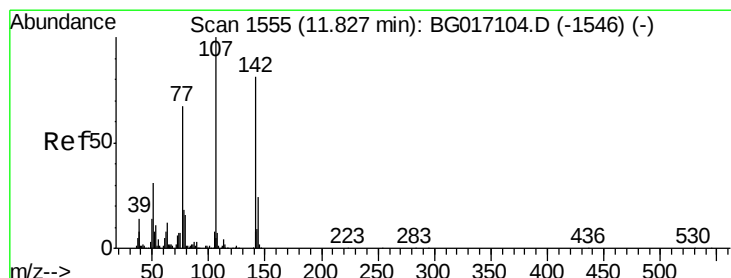
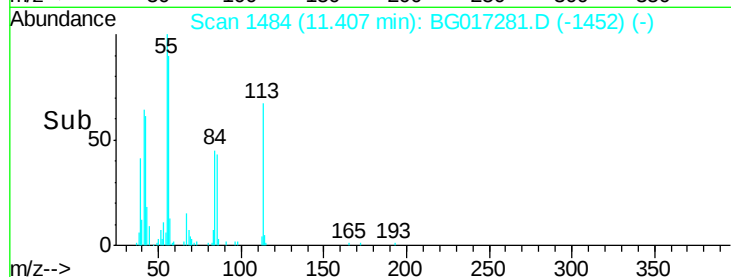
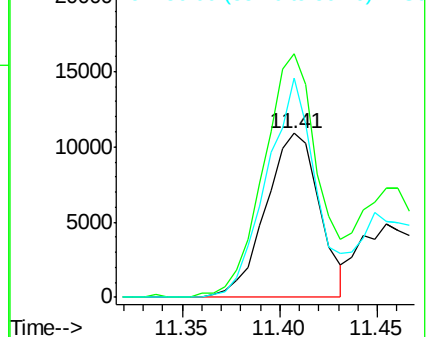
56 133.2 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.58 ng

RT: 11.78 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

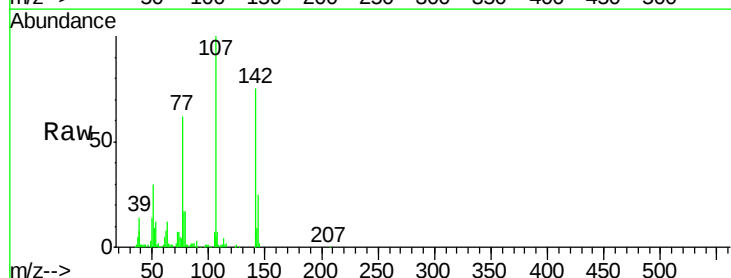
Tgt Ion:107 Resp: 93165

Ion Ratio Lower Upper

107 100

144 25.2 19.6 29.4

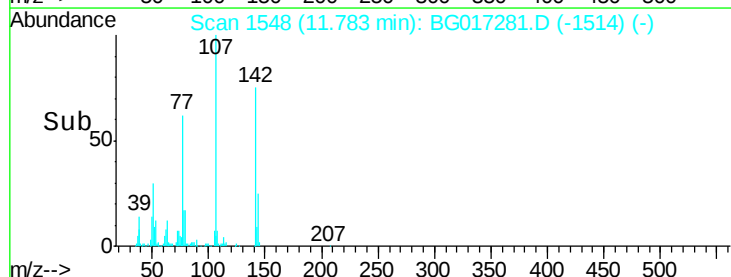
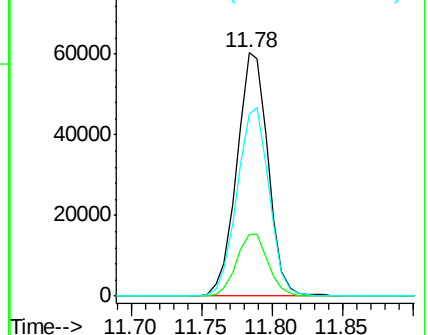
142 74.9 64.9 97.3

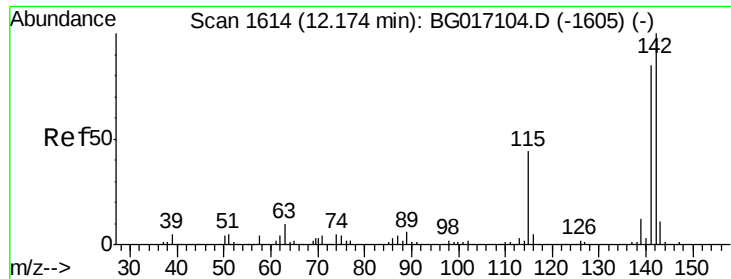


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

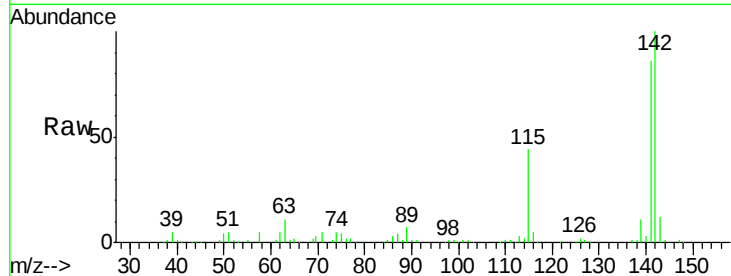




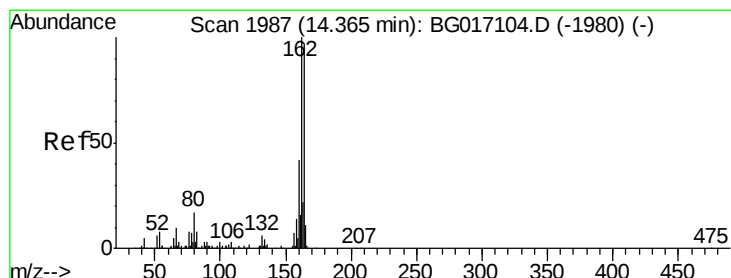
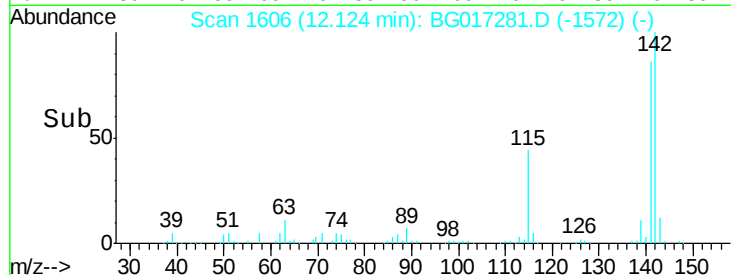
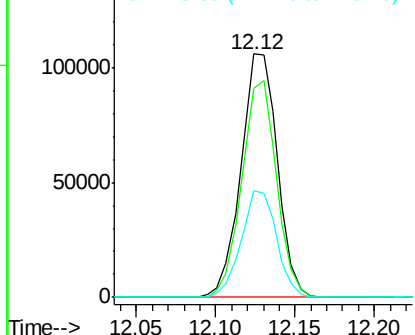
#37
 2-Methylnaphthalene
 Concen: 39.08 ng
 RT: 12.12 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion:142 Resp: 168678
 Ion Ratio Lower Upper
 142 100
 141 86.0 68.2 102.2
 115 44.0 35.6 53.4

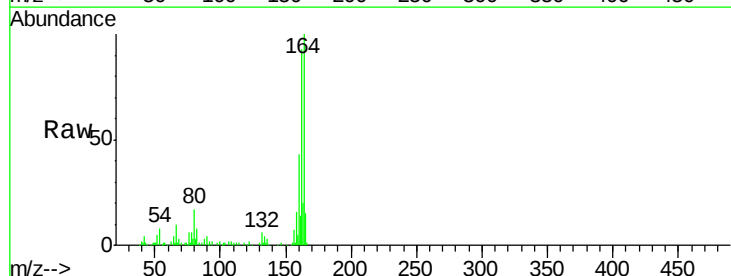


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

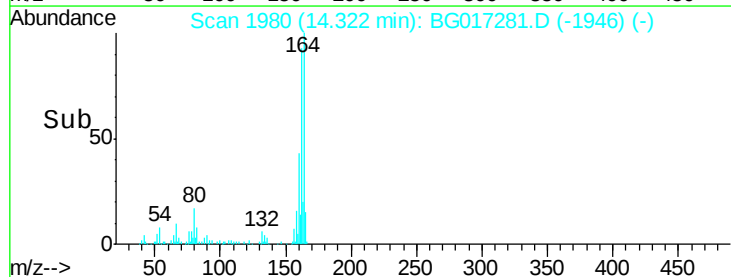
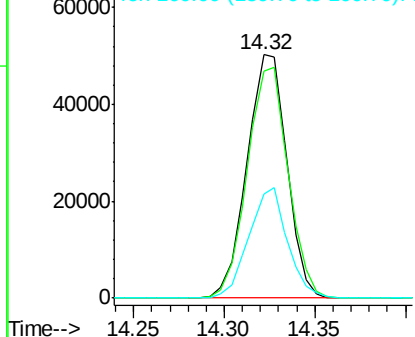


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion:164 Resp: 76686
 Ion Ratio Lower Upper
 164 100
 162 93.1 82.1 123.1
 160 42.9 34.8 52.2



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

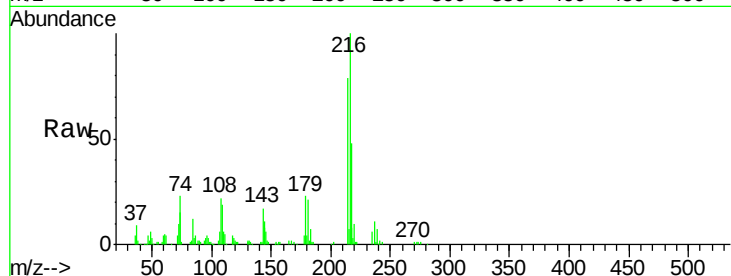




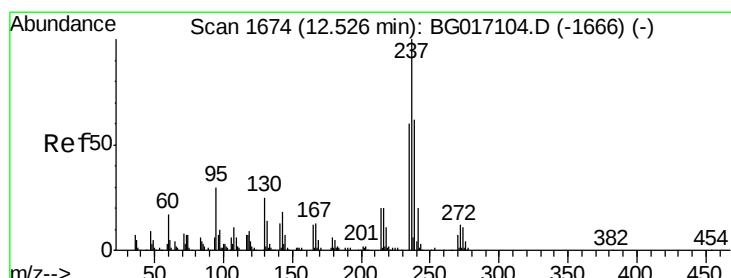
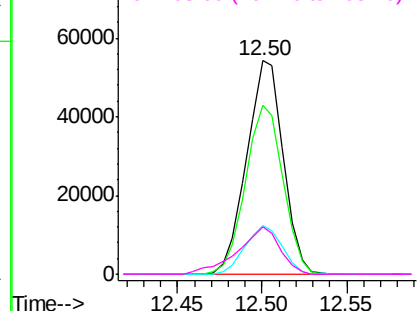
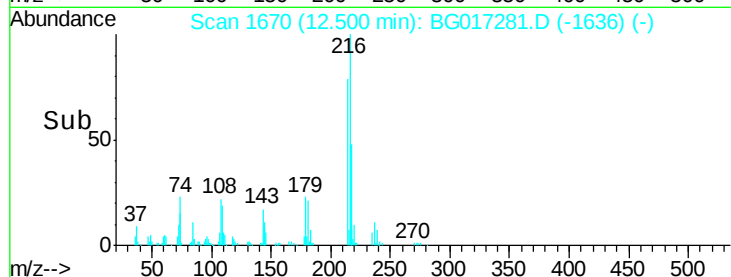
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.62 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion:	216	Resp:	81624
Ion	Ratio	Lower	Upper
216	100		
214	81.2	63.3	94.9
179	22.9	17.8	26.8
108	25.5	19.9	29.9

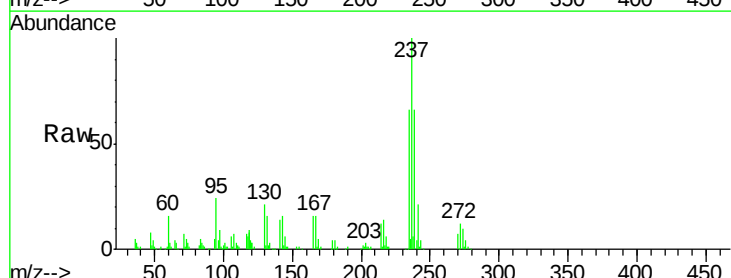


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

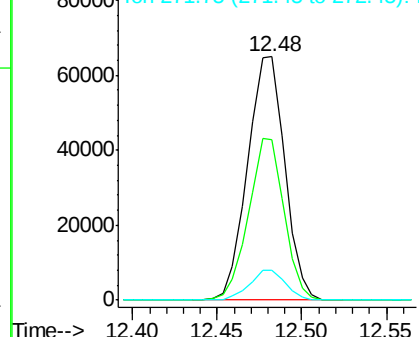
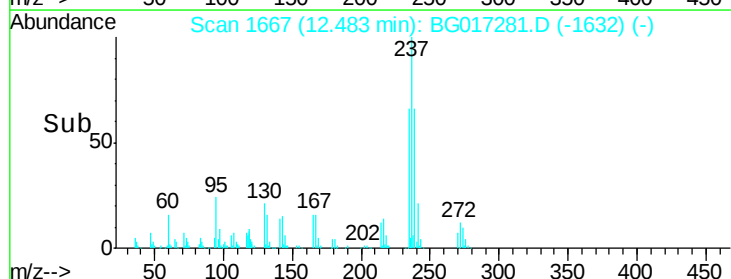


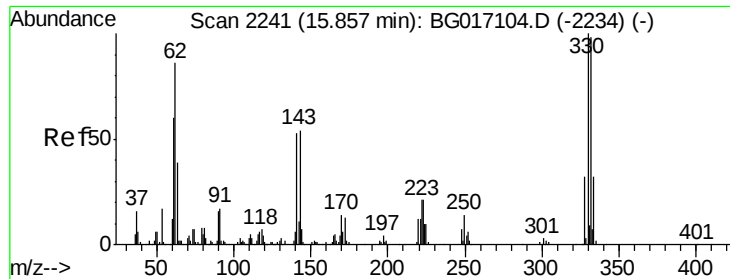
#40
 Hexachlorocyclopentadiene
 Concen: 75.38 ng
 RT: 12.48 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion:	237	Resp:	99766
Ion	Ratio	Lower	Upper
237	100		
235	66.0	39.7	79.7
272	12.5	0.0	32.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

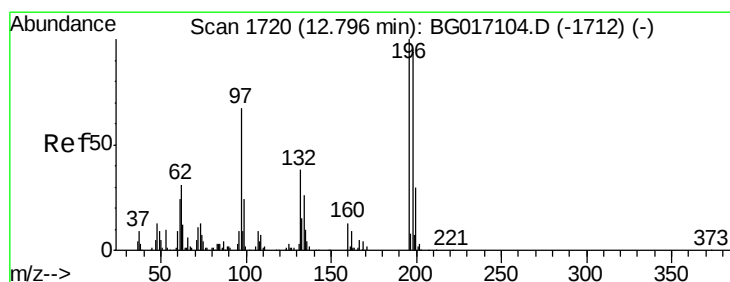
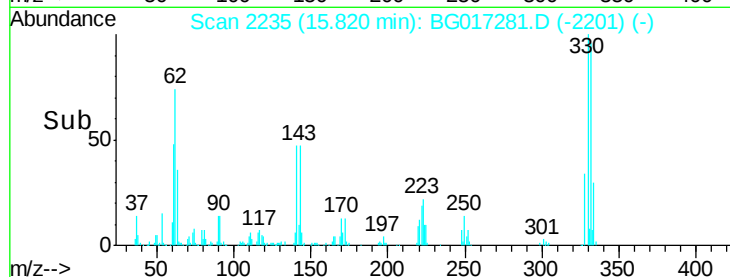
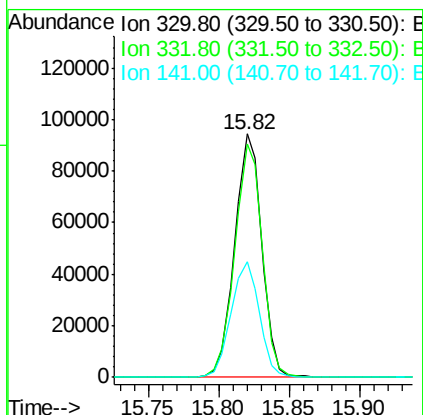
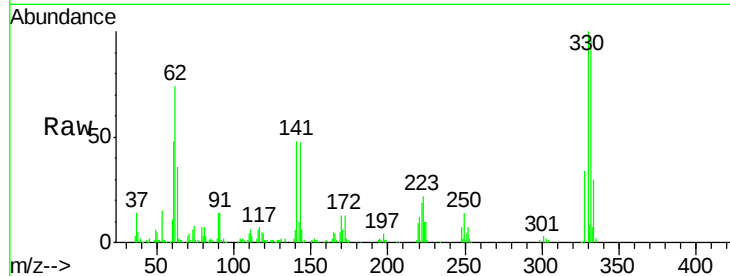




#41
 2,4,6-Tribromophenol
 Concen: 136.27 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

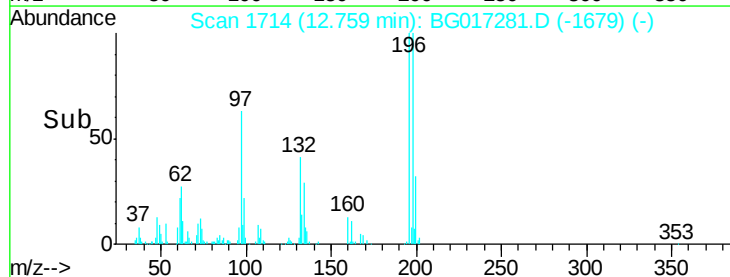
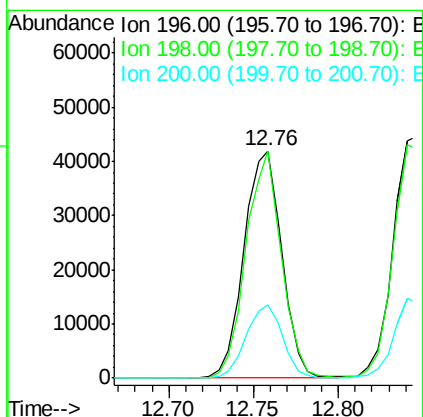
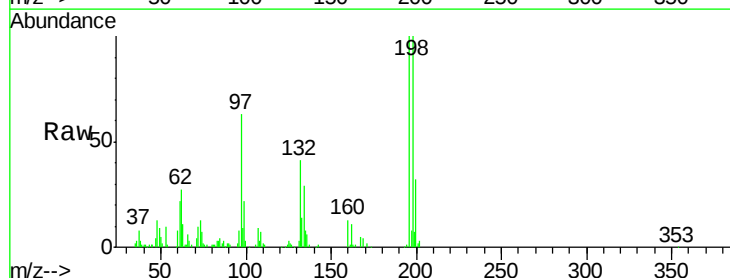
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion:330 Resp: 126328
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 49.4 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.33 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion:196 Resp: 65141
 Ion Ratio Lower Upper
 196 100
 198 100.0 74.9 112.3
 200 32.4 24.2 36.2

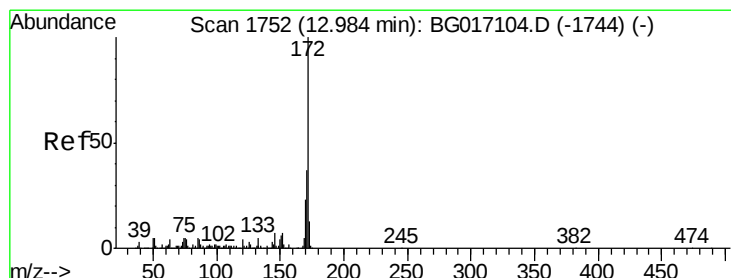
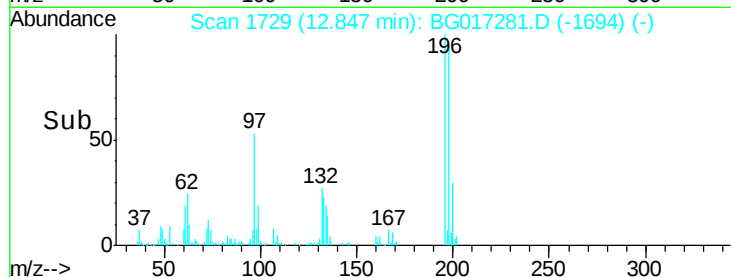
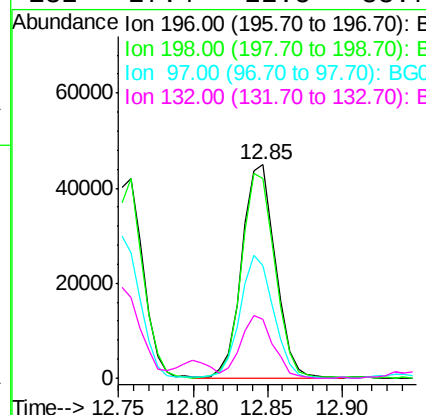
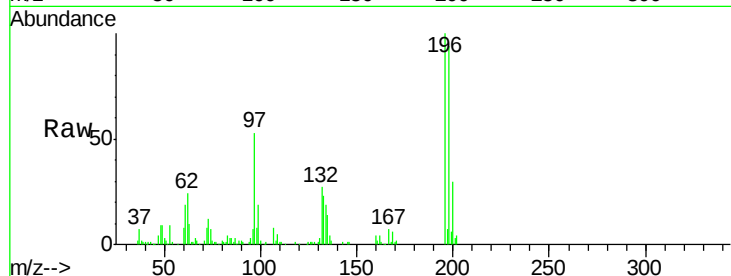




#43
 2,4,5-Trichlorophenol
 Concen: 44.46 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

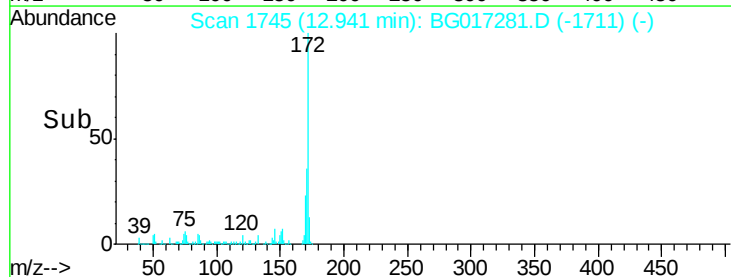
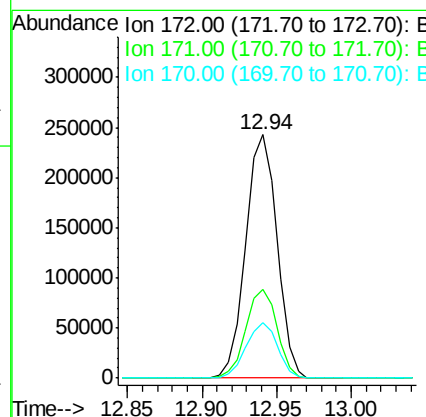
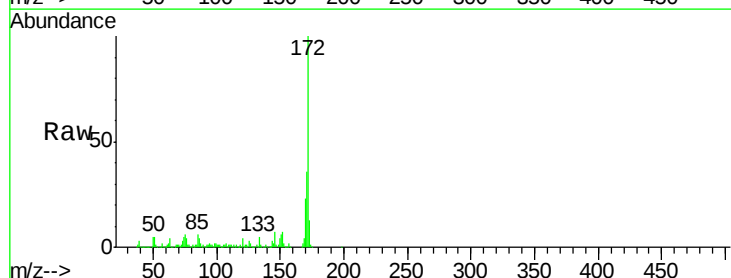
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	71.4	107.0
97	52.8	45.4	68.0
132	27.4	22.5	33.7



#44
 2-Fluorobiphenyl
 Concen: 67.33 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.0	18.4	27.6

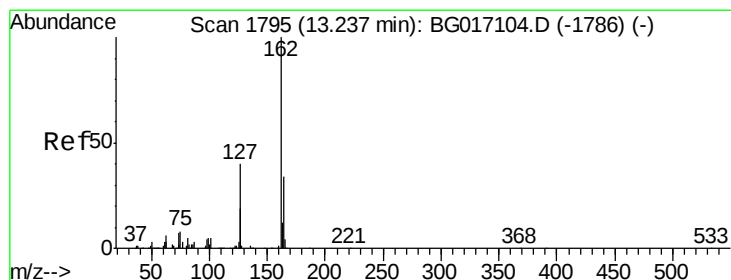
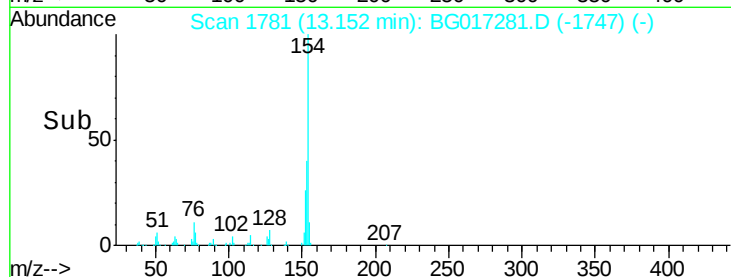
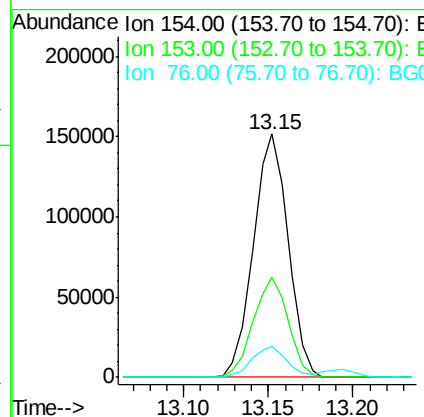
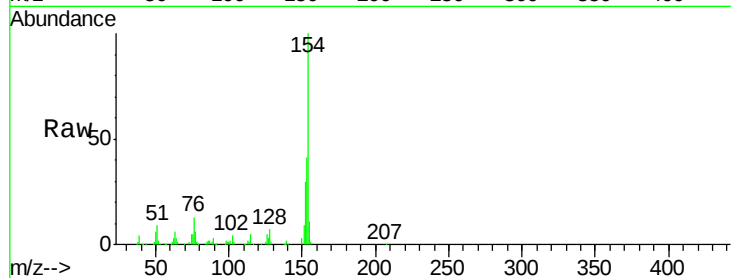




#45
 1,1'-Biphenyl
 Concen: 39.15 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

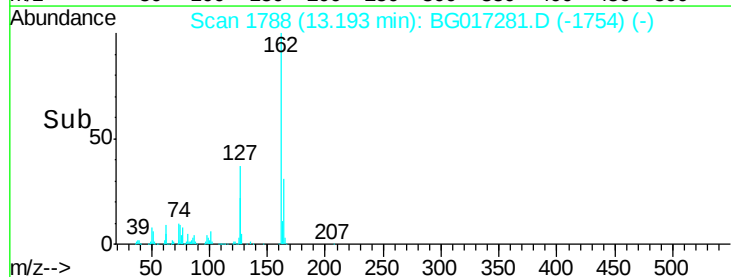
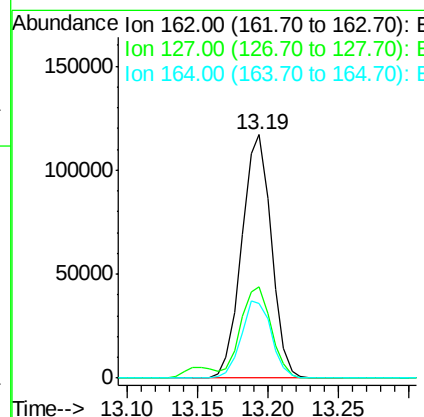
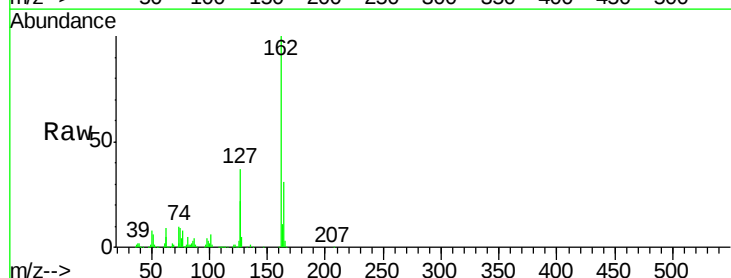
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion:	154	Resp:	216250
Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.5	61.5
76	12.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.31 ng
 RT: 13.19 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion:	162	Resp:	171914
Ion	Ratio	Lower	Upper
162	100		
127	37.3	33.5	50.3
164	30.9	27.0	40.6

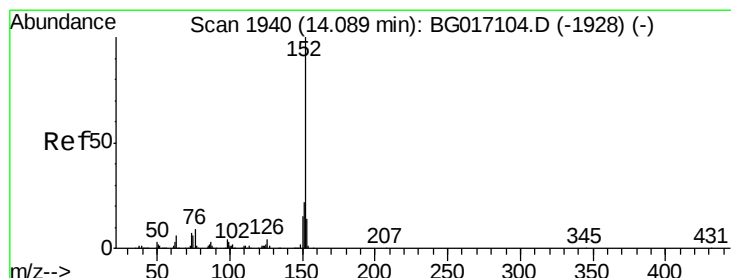
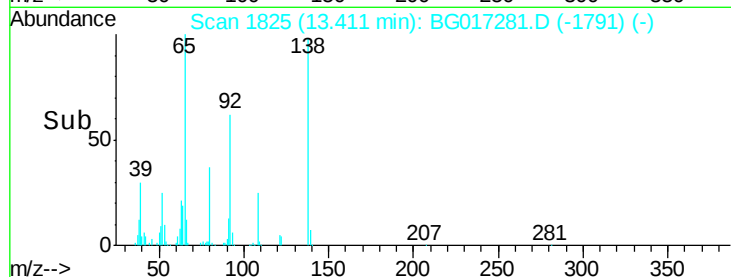
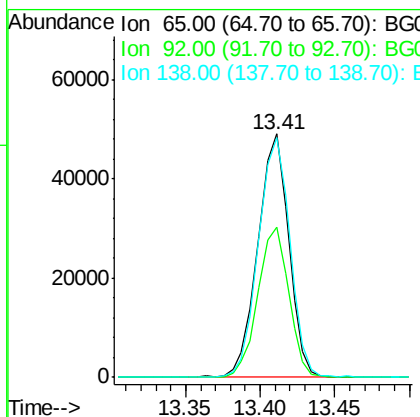
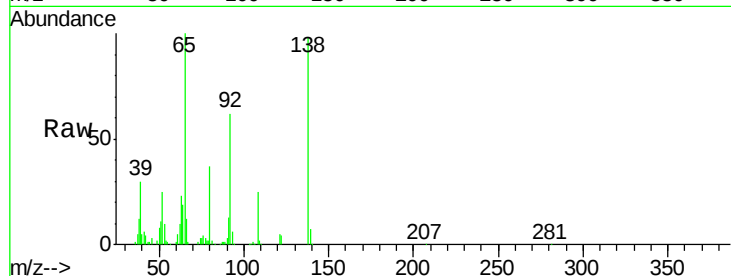




#47
2-Nitroaniline
Concen: 41.25 ng
RT: 13.41 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

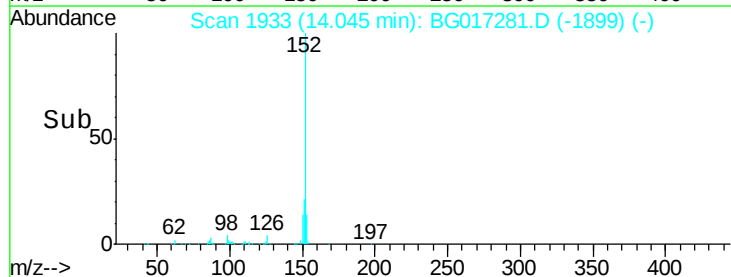
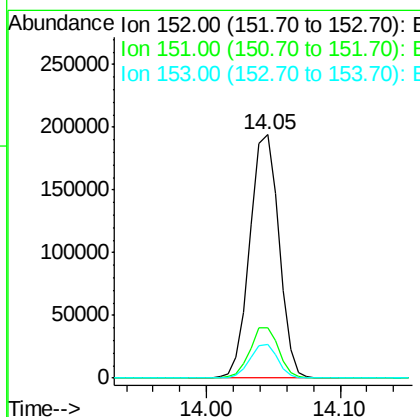
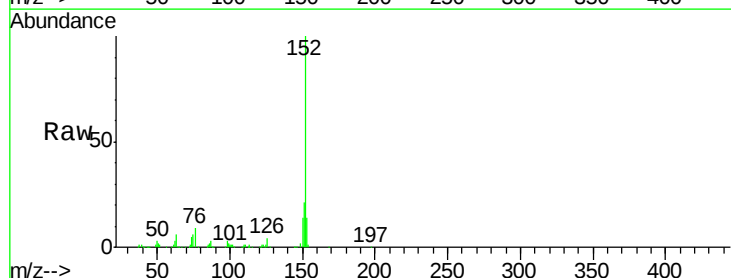
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

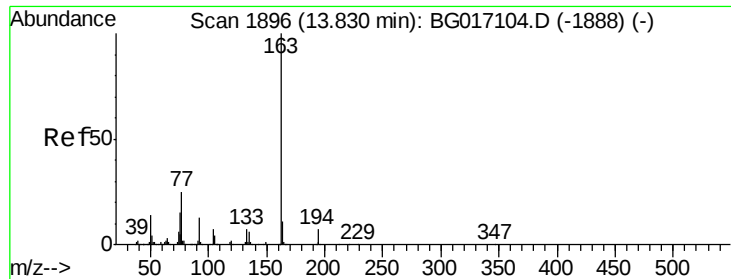
Tgt Ion: 65 Resp: 70180
Ion Ratio Lower Upper
65 100
92 61.8 51.0 76.4
138 98.4 79.3 118.9



#48
Acenaphthylene
Concen: 38.81 ng
RT: 14.05 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion: 152 Resp: 290728
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 46.56 ng

RT: 13.79 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

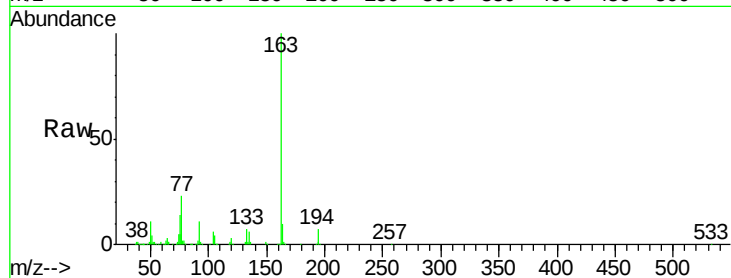
Tgt Ion:163 Resp: 279188

Ion Ratio Lower Upper

163 100

194 6.7 5.6 8.4

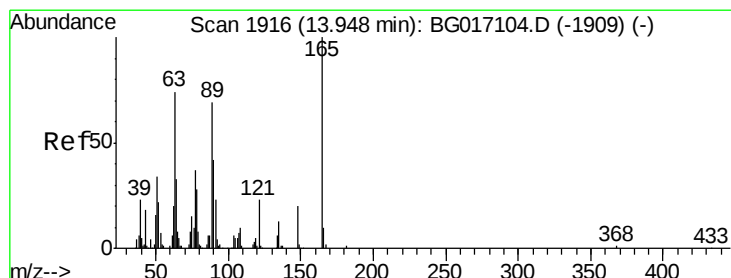
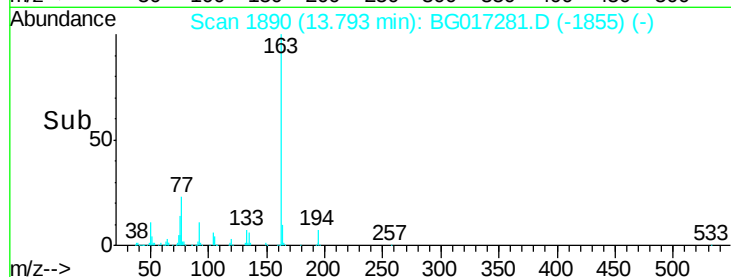
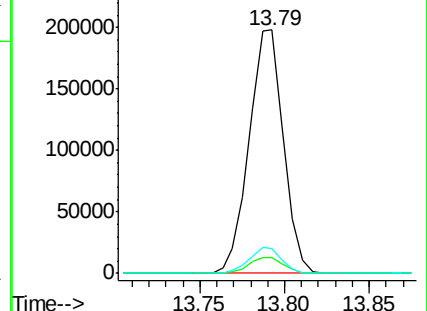
164 9.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.21 ng

RT: 13.91 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

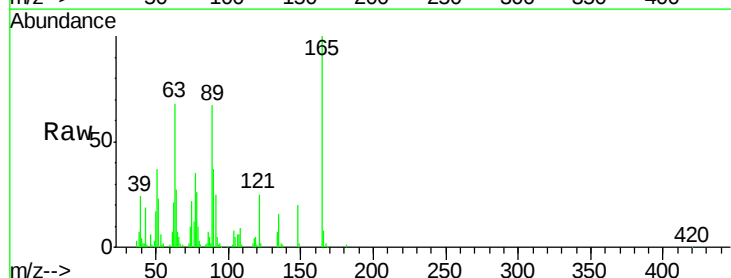
Tgt Ion:165 Resp: 56084

Ion Ratio Lower Upper

165 100

63 67.6 60.6 90.8

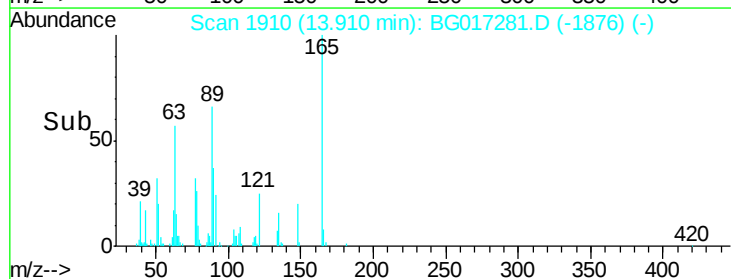
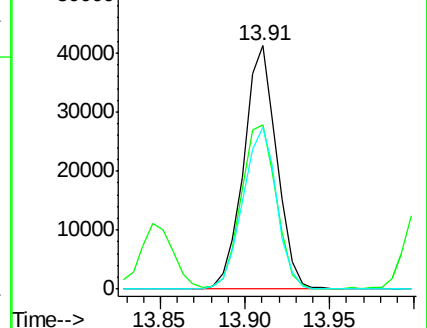
89 66.5 55.0 82.6



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





#51

Acenaphthene

Concen: 38.90 ng

RT: 14.39 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

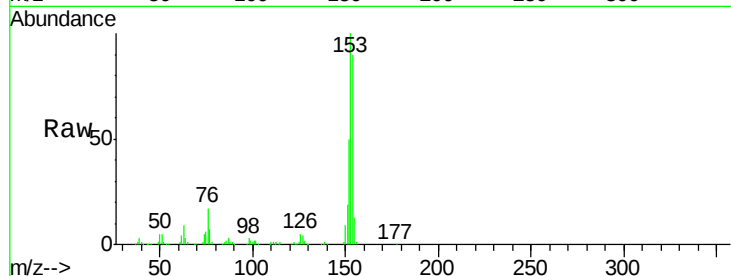
Tgt Ion:154 Resp: 172116

Ion Ratio Lower Upper

154 100

153 110.6 86.2 129.4

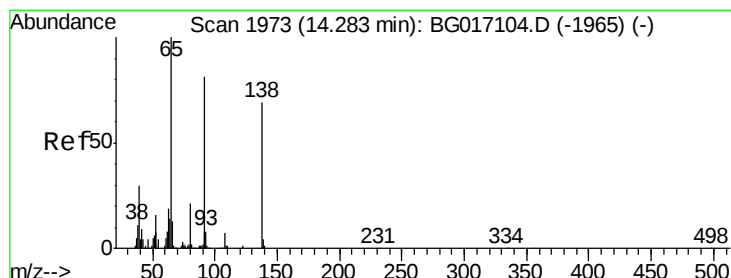
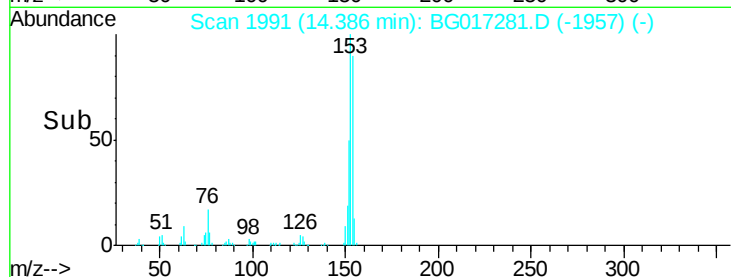
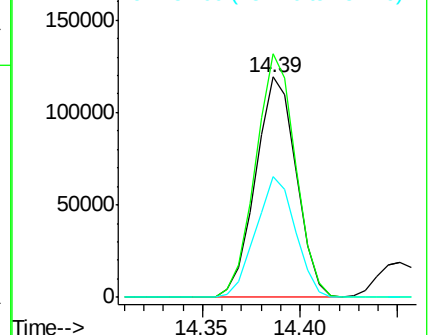
152 55.1 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.17 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

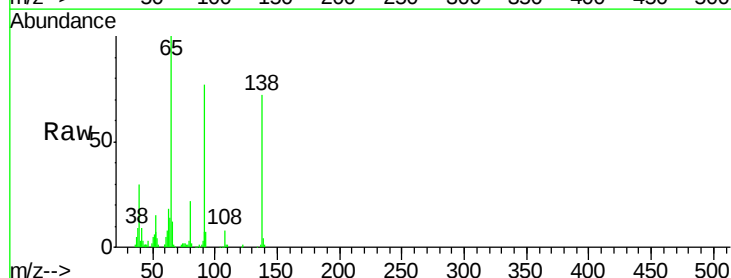
Tgt Ion:138 Resp: 53324

Ion Ratio Lower Upper

138 100

108 11.2 7.6 11.4

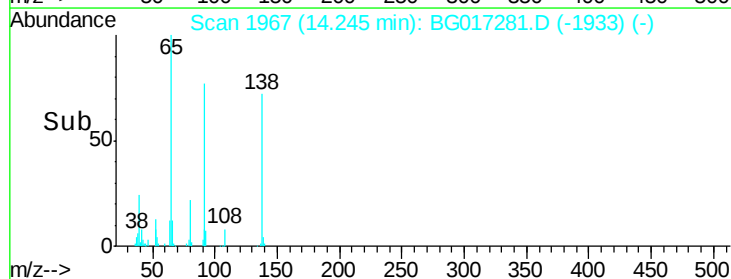
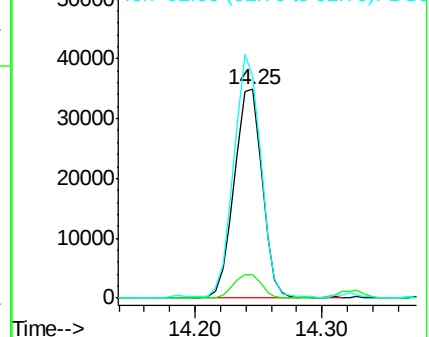
92 106.5 93.6 140.4

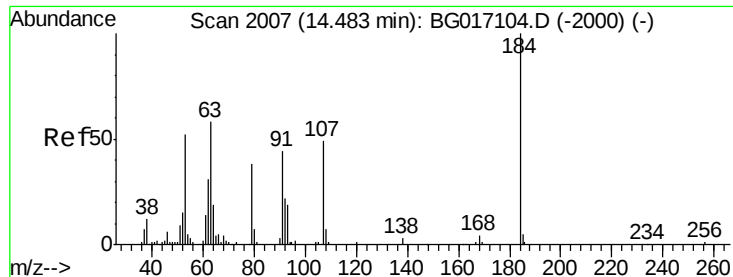


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

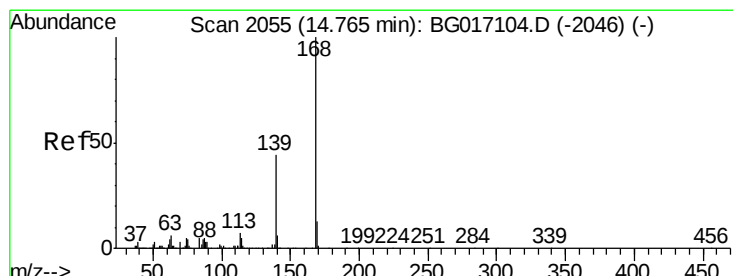
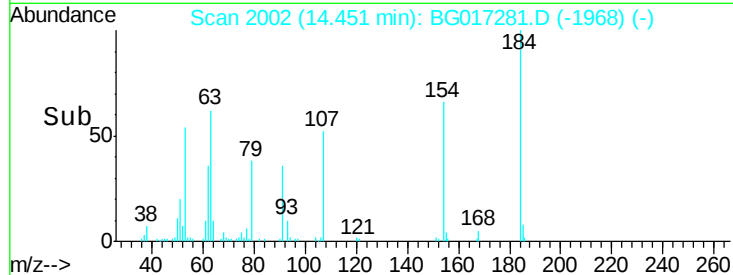
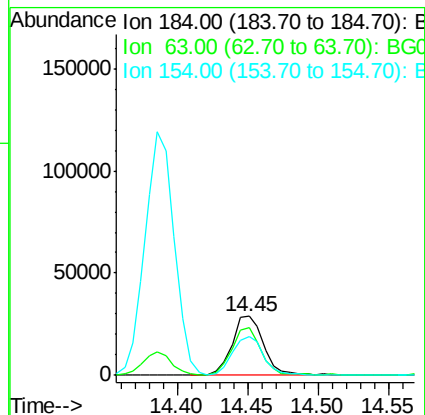
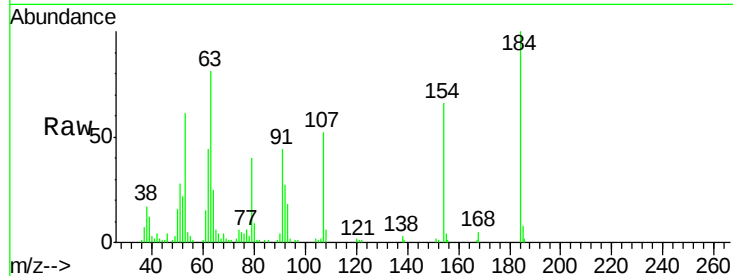




#53
2,4-Dinitrophenol
Concen: 58.95 ng
RT: 14.45 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

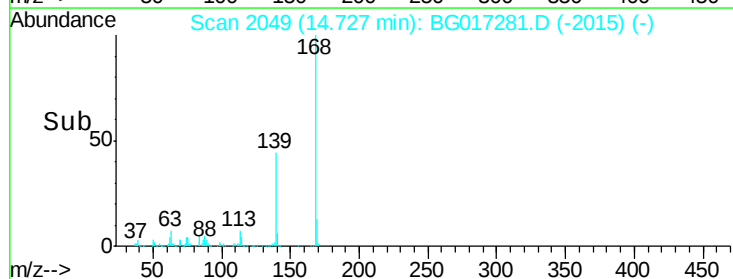
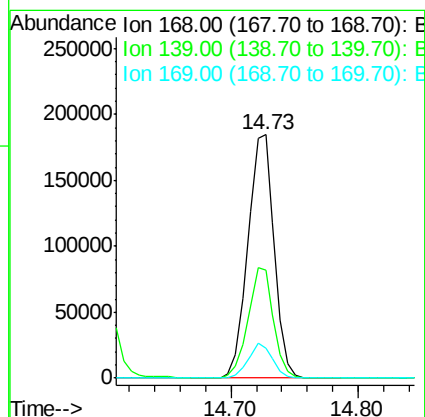
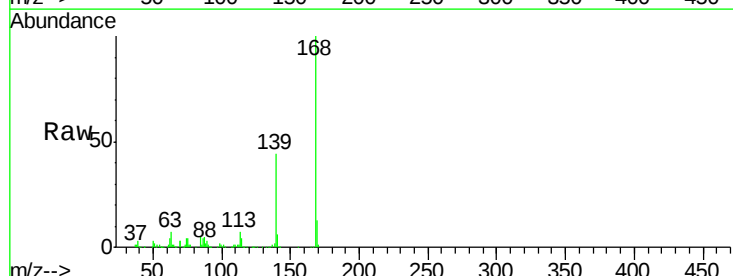
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

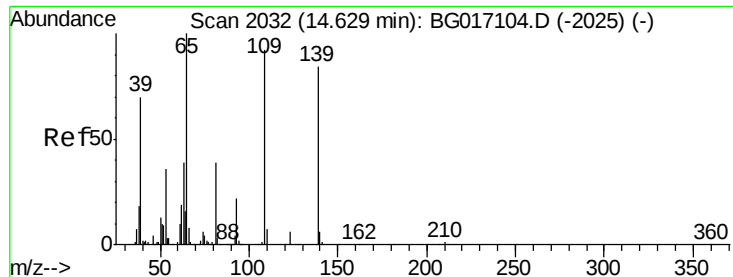
Tgt Ion:184 Resp: 45480
Ion Ratio Lower Upper
184 100
63 81.2 63.6 95.4
154 66.3 47.8 71.6



#54
Dibenzofuran
Concen: 40.24 ng
RT: 14.73 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion:168 Resp: 264690
Ion Ratio Lower Upper
168 100
139 44.1 34.9 52.3
169 12.5 10.5 15.7

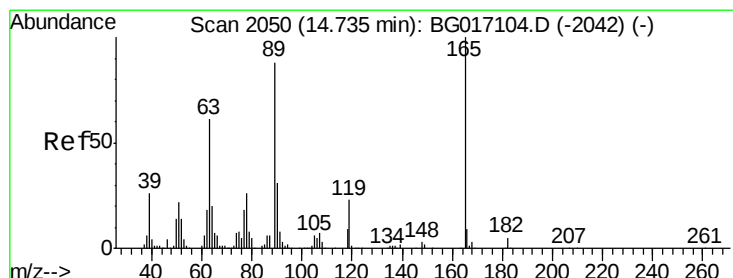
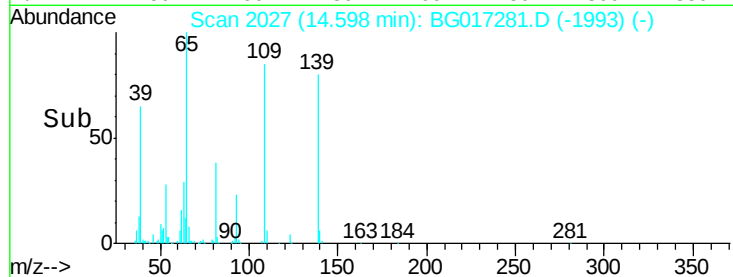
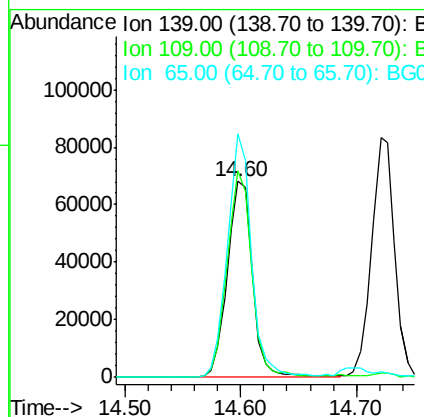
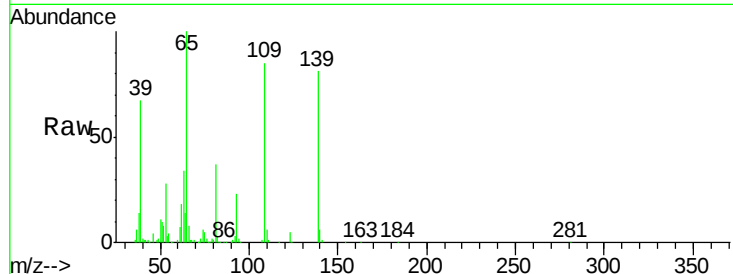




#55
4-Nitrophenol
Concen: 87.19 ng
RT: 14.60 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

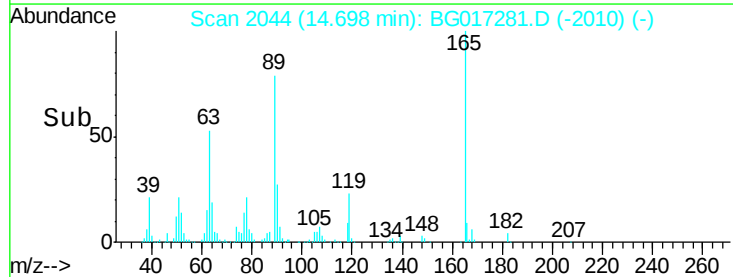
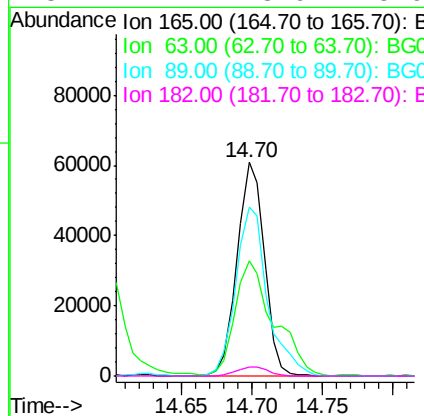
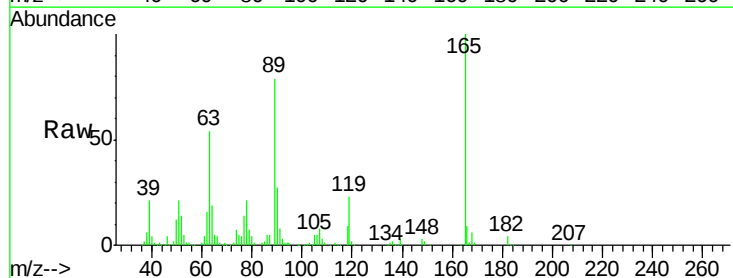
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion:139 Resp: 103504
Ion Ratio Lower Upper
139 100
109 105.4 90.5 130.5
65 124.1 99.9 139.9



#56
2,4-Dinitrotoluene
Concen: 44.18 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion:165 Resp: 81874
Ion Ratio Lower Upper
165 100
63 53.9 49.0 73.4
89 79.3 70.1 105.1
182 4.1 3.9 5.9





#57

Fluorene

Concen: 39.94 ng

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

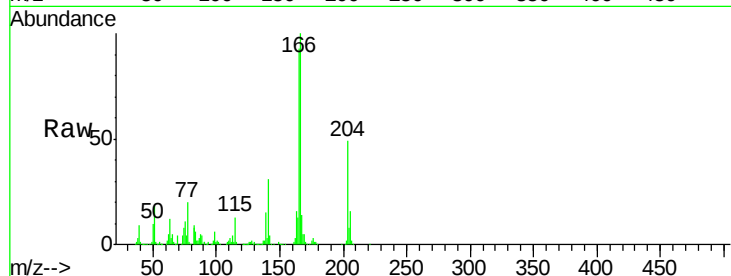
Tgt Ion:166 Resp: 232543

Ion Ratio Lower Upper

166 100

165 93.5 74.2 111.4

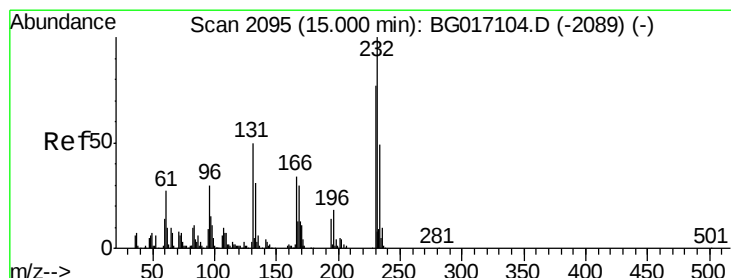
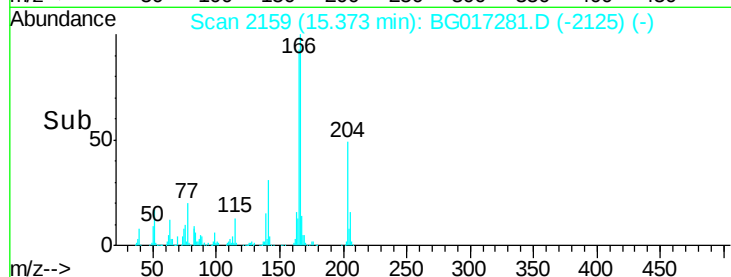
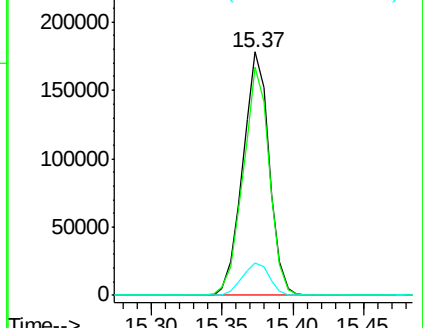
167 13.6 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.68 ng

RT: 14.96 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:232 Resp: 65017

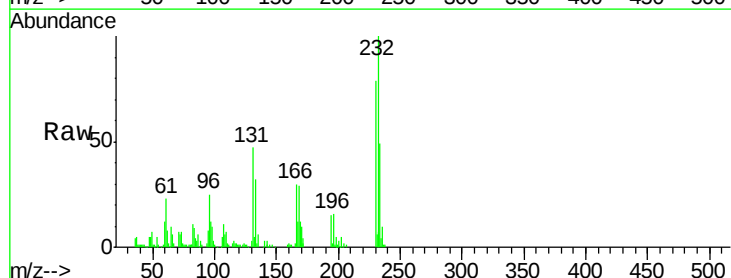
Ion Ratio Lower Upper

232 100

131 51.5 42.7 64.1

130 3.7 3.0 4.4

166 32.0 25.7 38.5

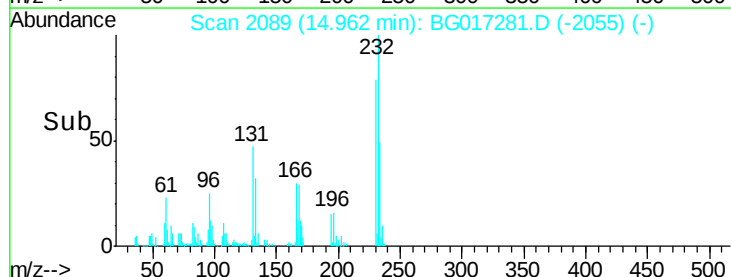
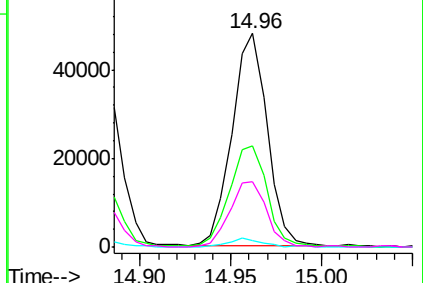


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.20 ng

RT: 15.16 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

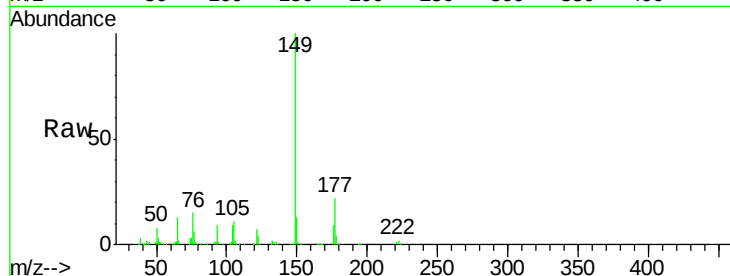
Tgt Ion:149 Resp: 252501

Ion Ratio Lower Upper

149 100

177 22.0 18.3 27.5

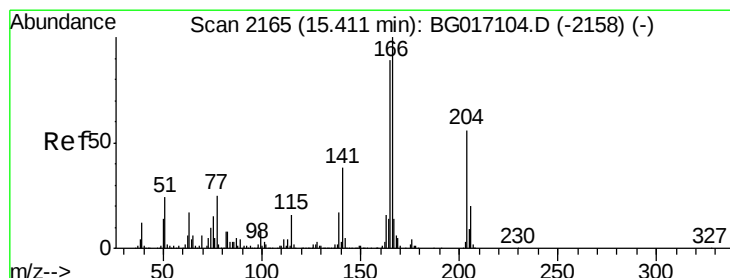
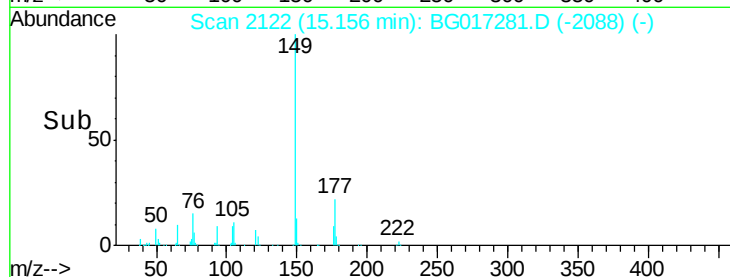
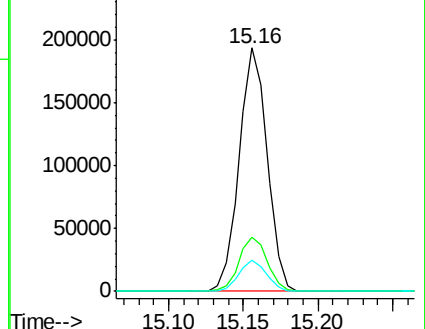
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.91 ng

RT: 15.37 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

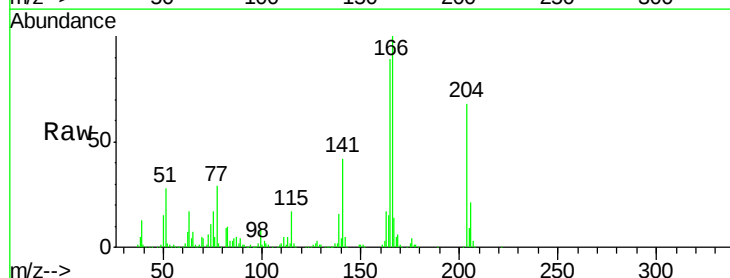
Tgt Ion:204 Resp: 119349

Ion Ratio Lower Upper

204 100

206 30.6 28.6 42.8

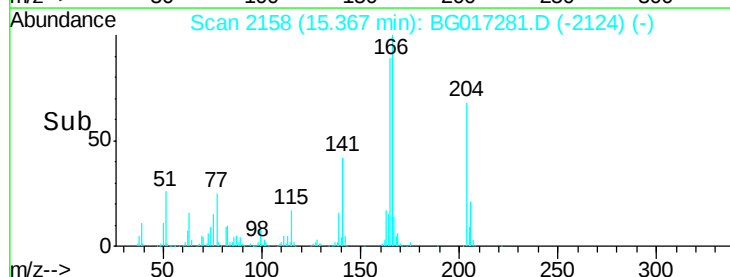
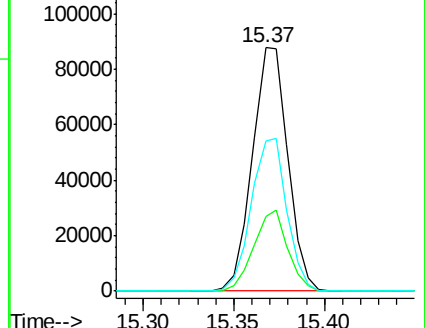
141 61.8 54.2 81.2

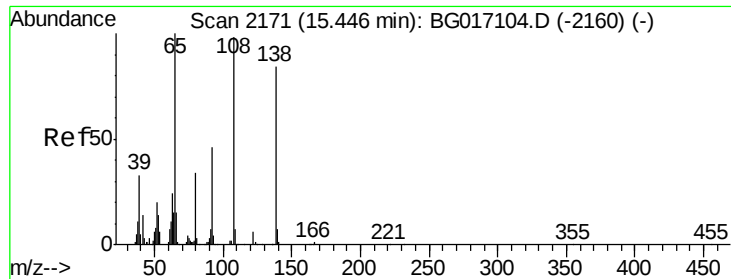


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

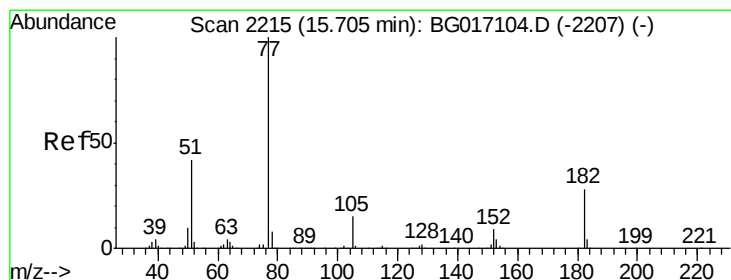
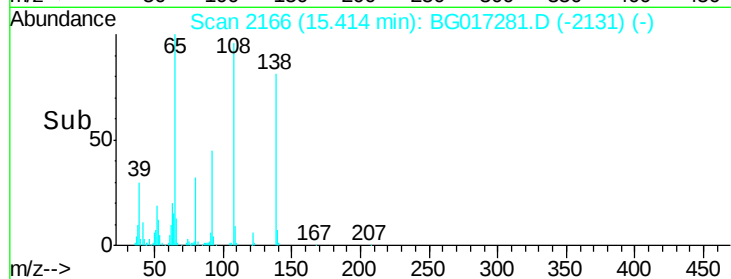
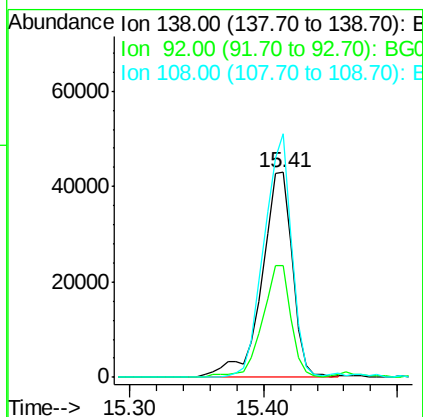
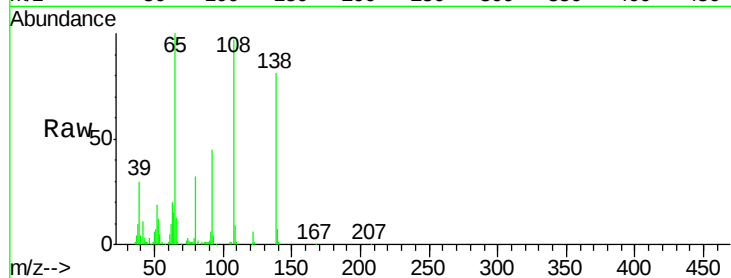




#61
4-Nitroaniline
Concen: 41.65 ng
RT: 15.41 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

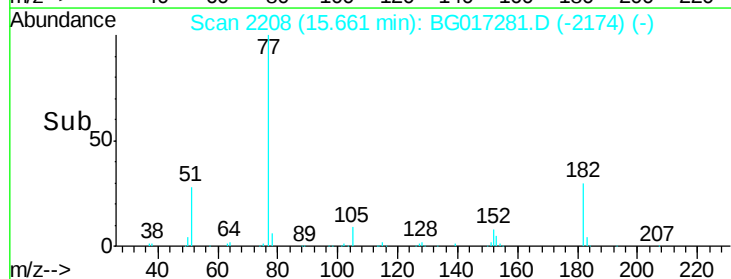
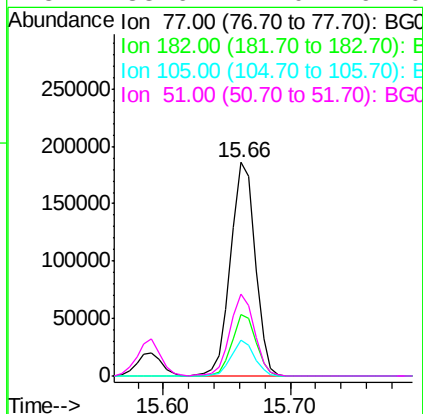
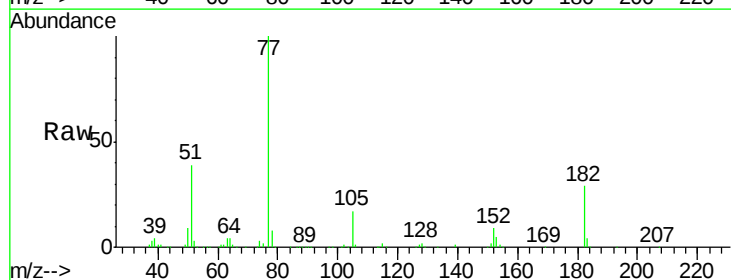
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

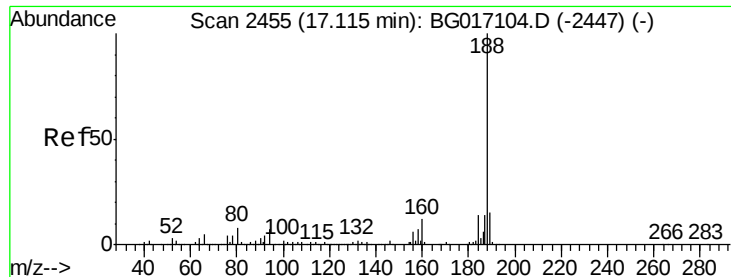
Tgt Ion:138 Resp: 68509
Ion Ratio Lower Upper
138 100
92 54.8 34.9 74.9
108 119.0 95.8 135.8



#62
Azobenzene
Concen: 40.57 ng
RT: 15.66 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion: 77 Resp: 249643
Ion Ratio Lower Upper
77 100
182 28.8 8.1 48.1
105 16.6 0.0 34.8
51 38.6 22.0 62.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

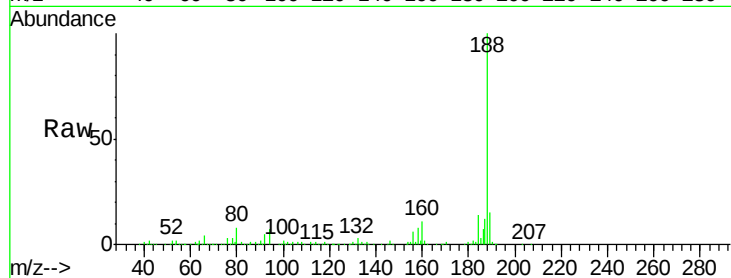
Tgt Ion:188 Resp: 181107

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

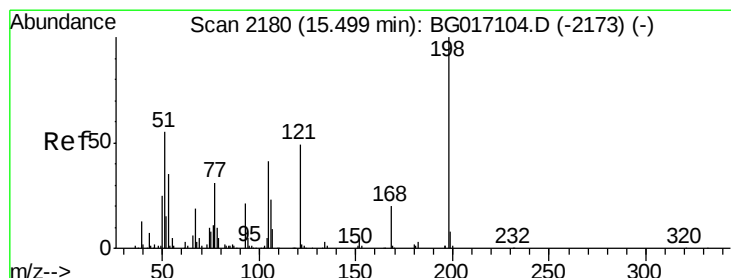
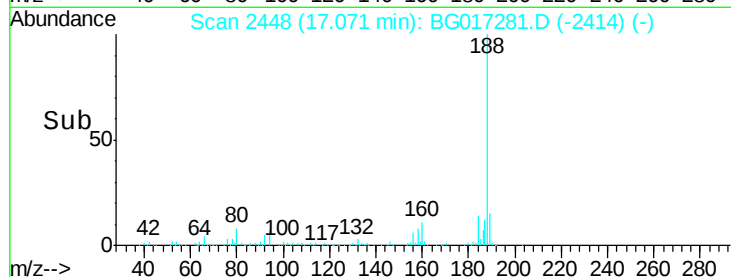
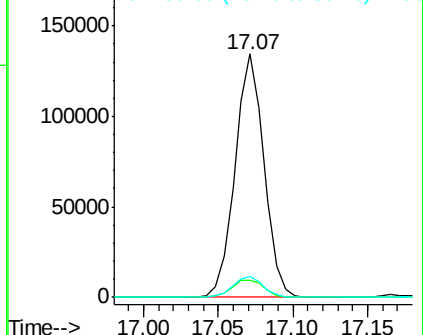
80 8.4 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.97 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

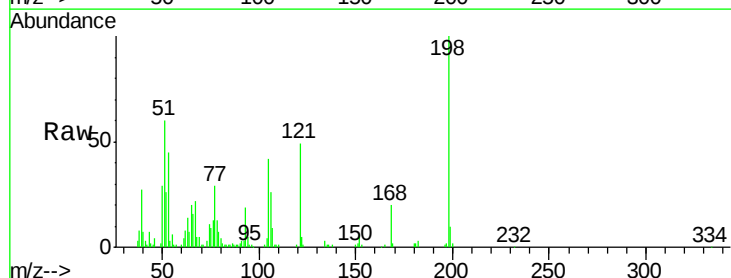
Tgt Ion:198 Resp: 49608

Ion Ratio Lower Upper

198 100

51 59.8 39.9 79.9

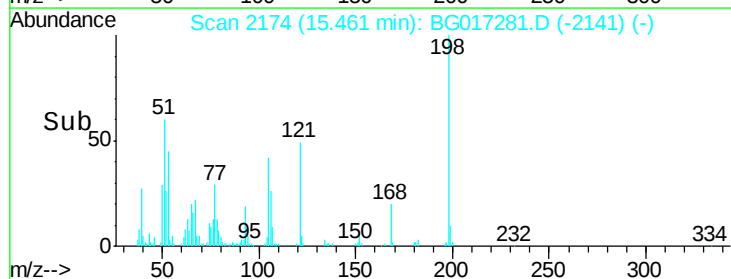
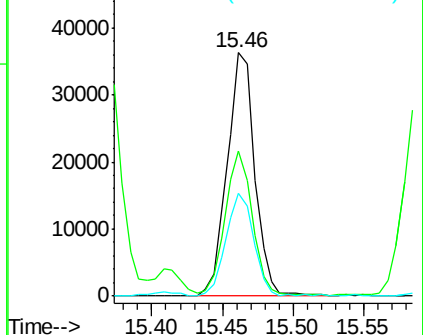
105 42.3 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.77 ng

RT: 15.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

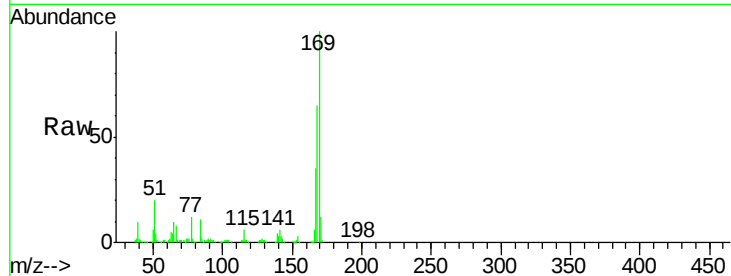
Tgt Ion:169 Resp: 209975

Ion Ratio Lower Upper

169 100

168 65.4 51.7 77.5

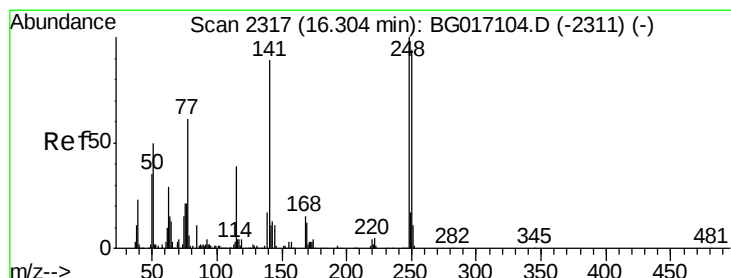
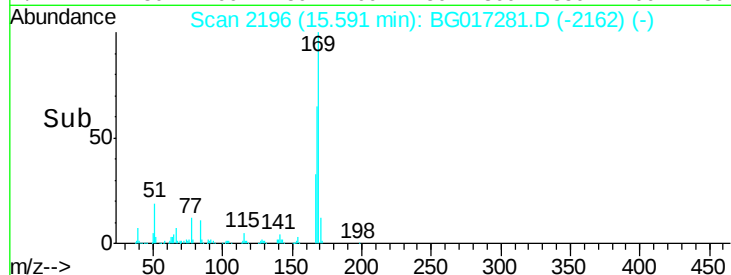
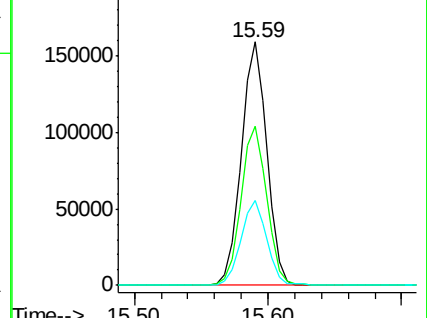
167 34.8 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.86 ng

RT: 16.27 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

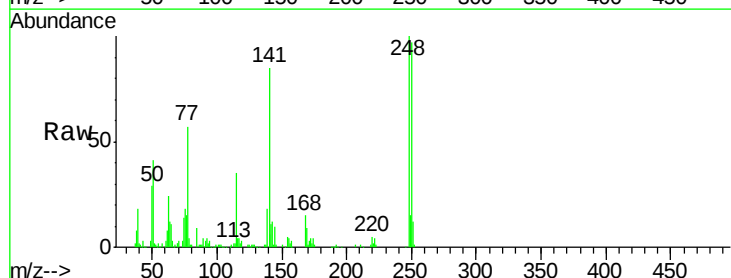
Tgt Ion:248 Resp: 74778

Ion Ratio Lower Upper

248 100

250 97.0 75.0 112.4

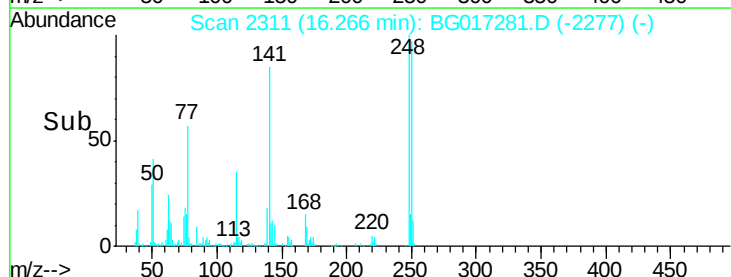
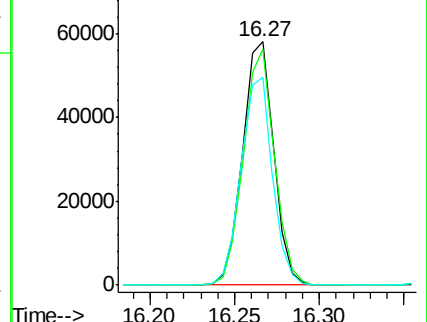
141 85.1 71.3 106.9

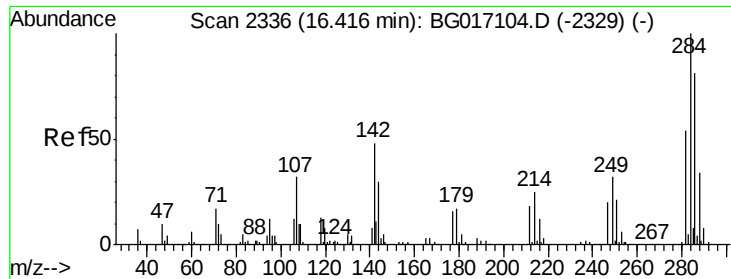


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

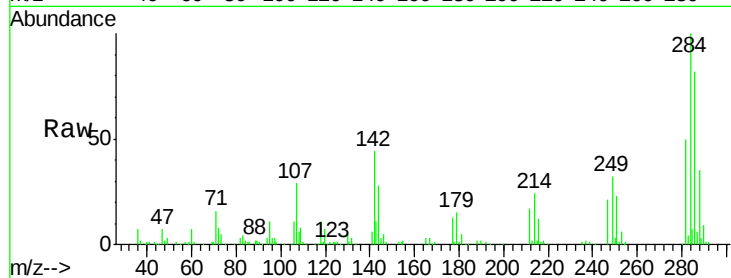




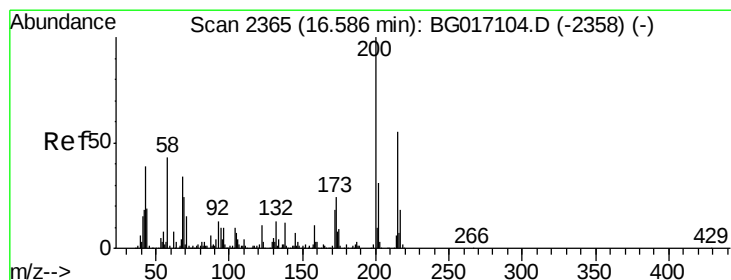
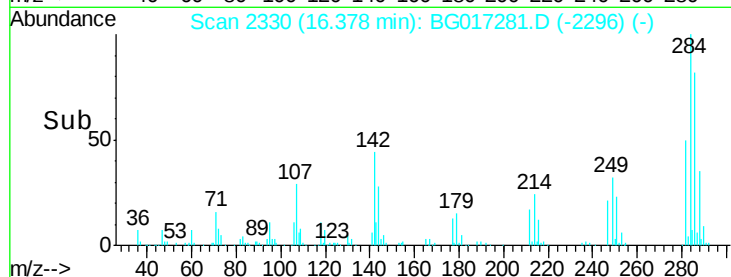
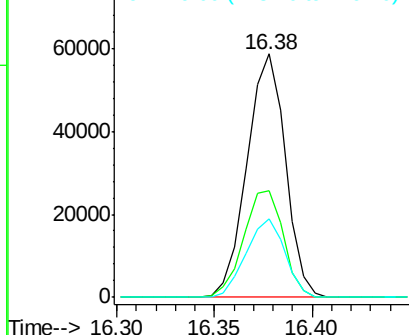
#67
Hexachlorobenzene
Concen: 38.30 ng
RT: 16.38 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

Tgt Ion:284 Resp: 79830
Ion Ratio Lower Upper
284 100
142 44.0 38.2 57.2
249 32.4 25.2 37.8

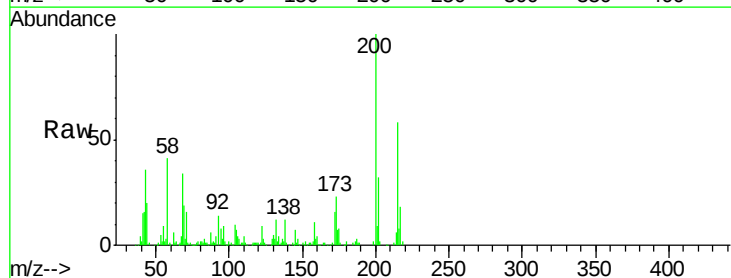


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

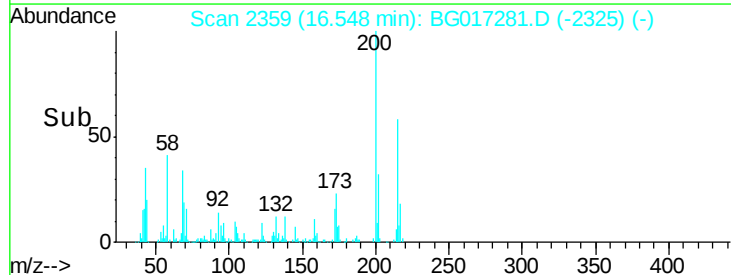
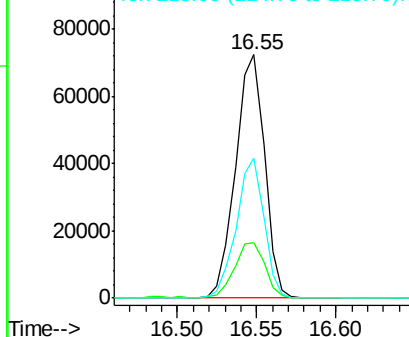


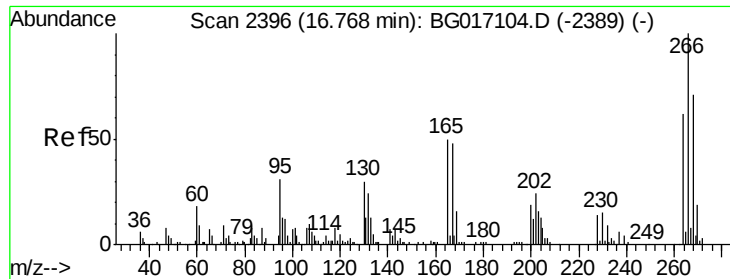
#68
Atrazine
Concen: 45.21 ng
RT: 16.55 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion:200 Resp: 91951
Ion Ratio Lower Upper
200 100
173 22.7 3.7 43.7
215 57.6 35.5 75.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

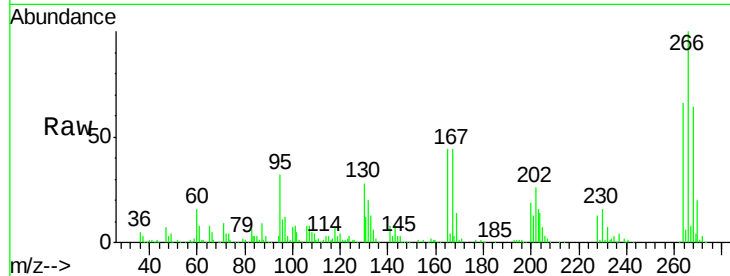




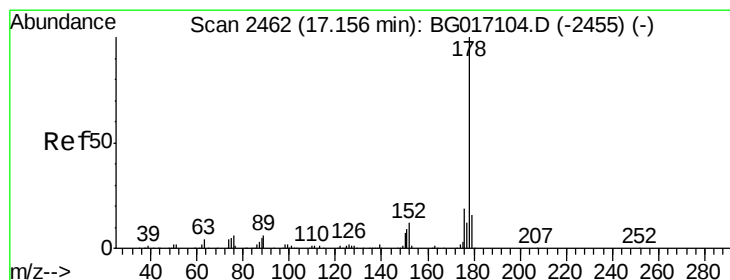
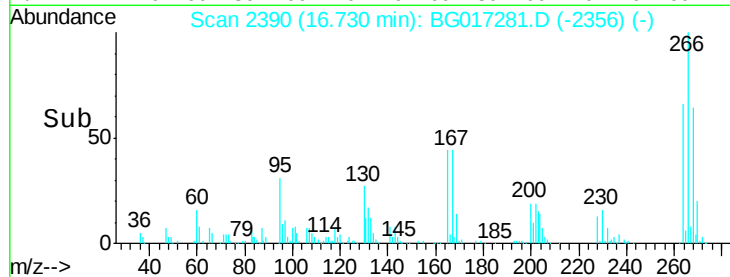
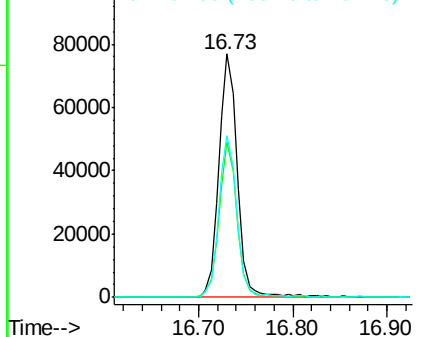
#69
 Pentachlorophenol
 Concen: 81.61 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	56.6	84.8
264	66.3	49.4	74.0

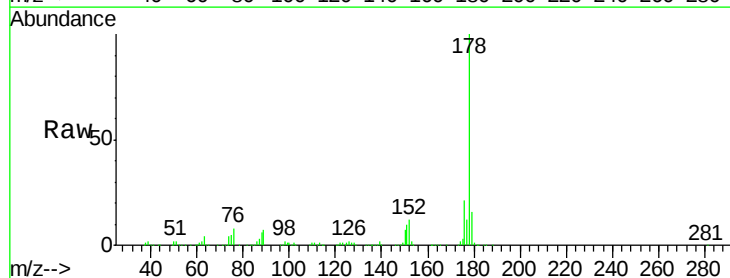


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

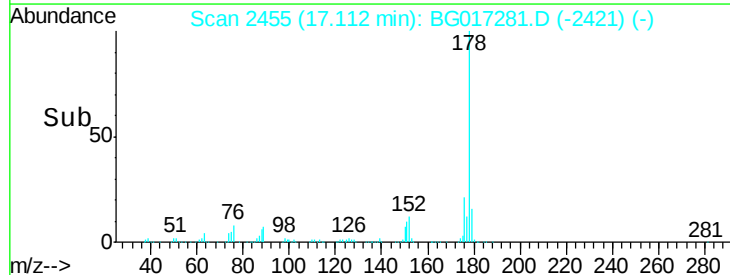
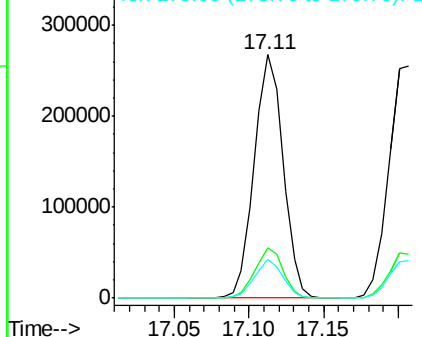


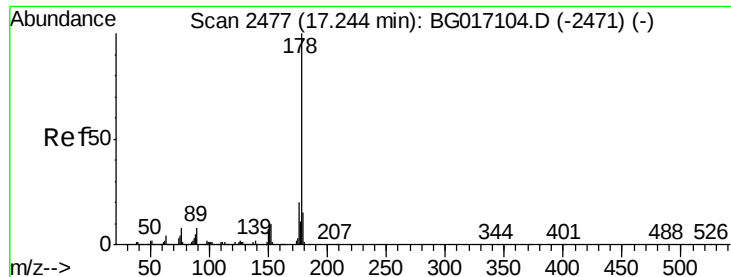
#70
 Phenanthrene
 Concen: 38.24 ng
 RT: 17.11 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.2
179	15.8	12.5	18.7



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

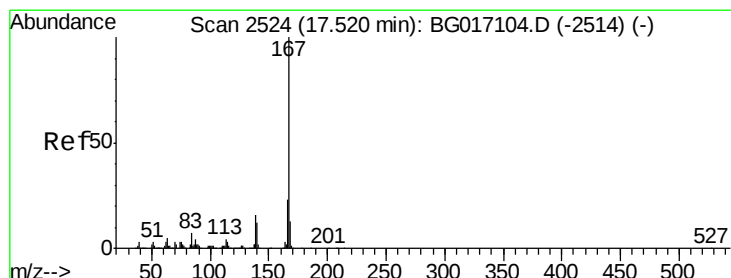
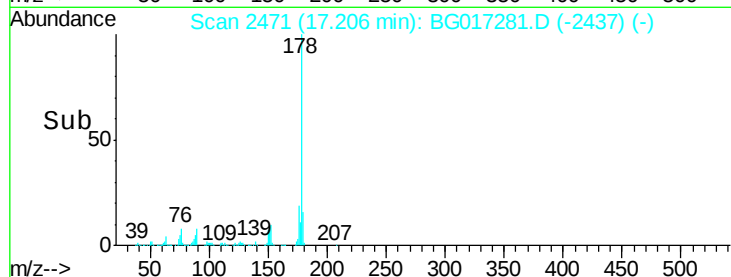
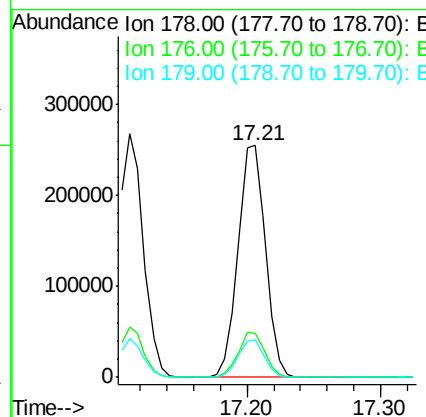
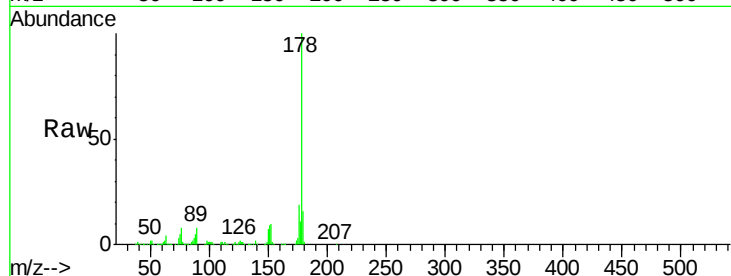




#71
 Anthracene
 Concen: 38.48 ng
 RT: 17.21 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

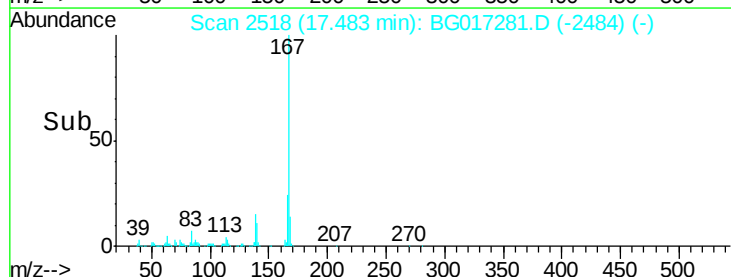
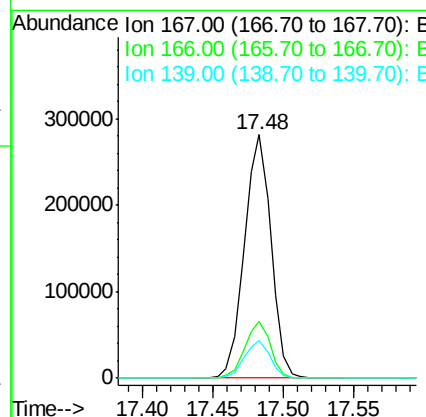
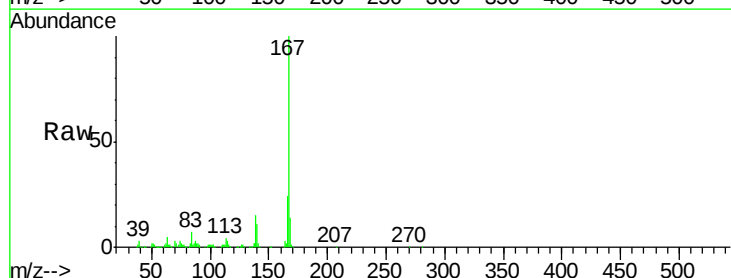
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

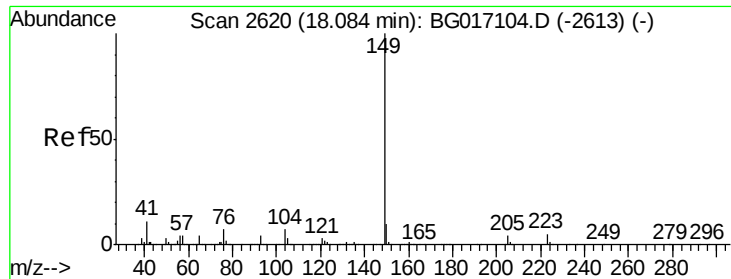
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	16.4	12.1	18.1



#72
 Carbazole
 Concen: 42.69 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.4	27.6
139	15.3	13.0	19.4





#73

Di-n-butylphthalate

Concen: 40.52 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

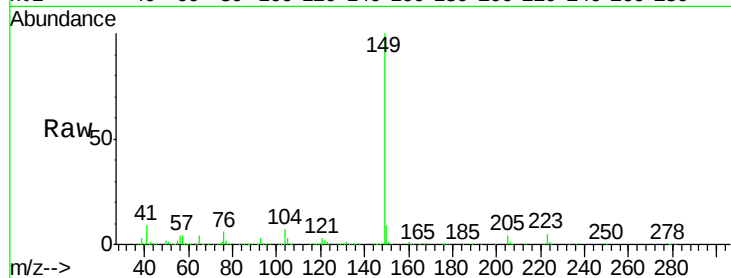
Tgt Ion:149 Resp: 471569

Ion Ratio Lower Upper

149 100

150 8.8 8.2 12.4

104 6.7 5.7 8.5



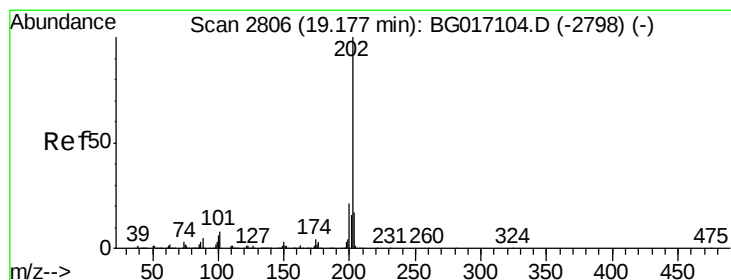
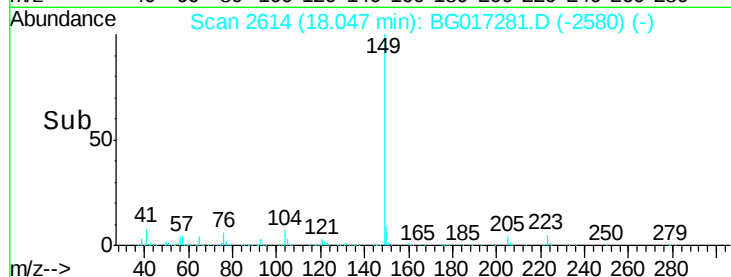
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.05

Time--> 17.95 18.00 18.05 18.10



#74

Fluoranthene

Concen: 40.27 ng

RT: 19.13 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

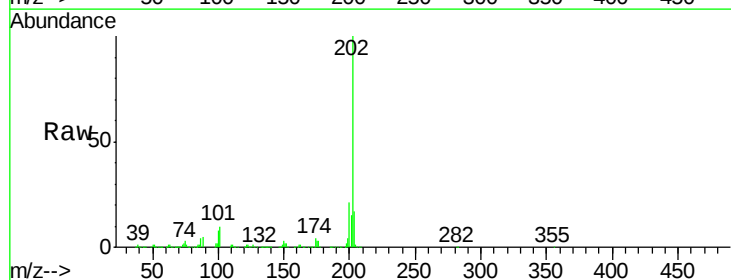
Tgt Ion:202 Resp: 451638

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.3

203 17.0 0.0 37.4



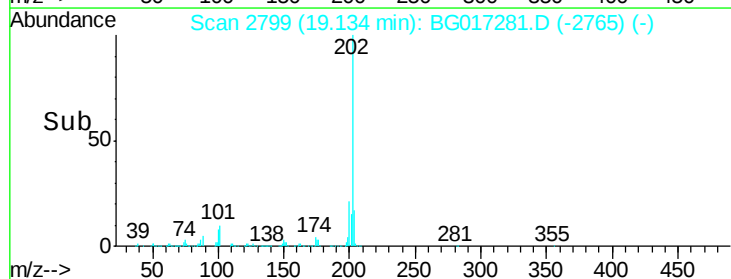
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.13

Time--> 19.05 19.10 19.15 19.20





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

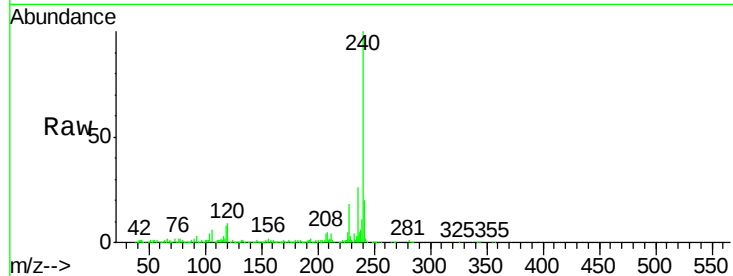
Tgt Ion:240 Resp: 204404

Ion Ratio Lower Upper

240 100

120 8.8 6.0 9.0

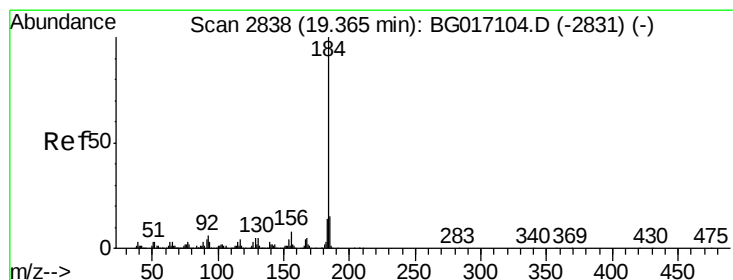
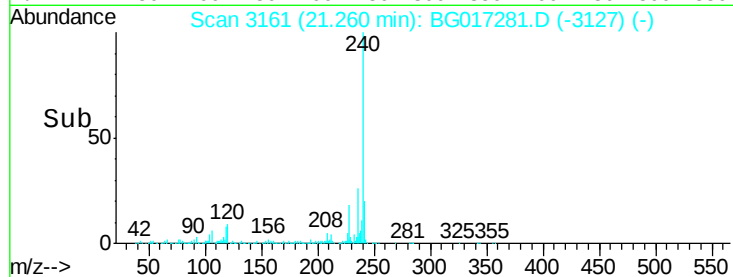
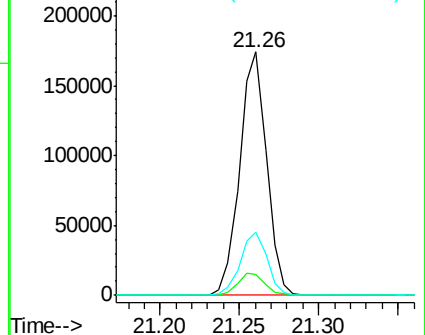
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.55 ng

RT: 19.33 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

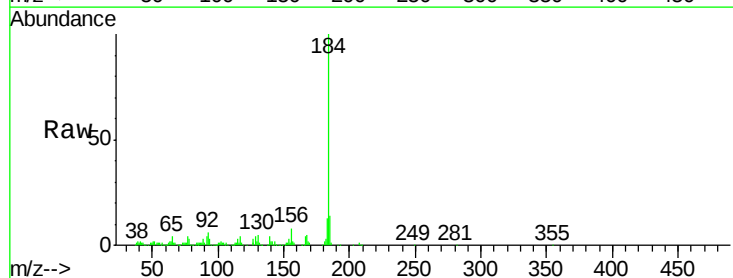
Tgt Ion:184 Resp: 143788

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

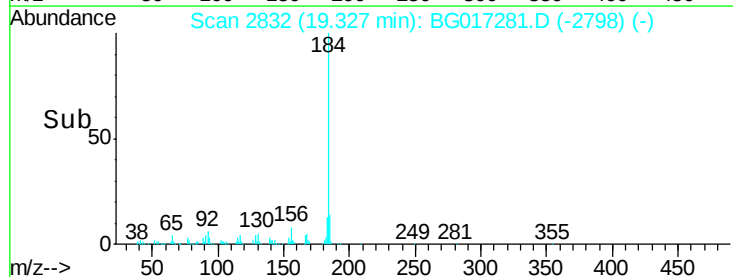
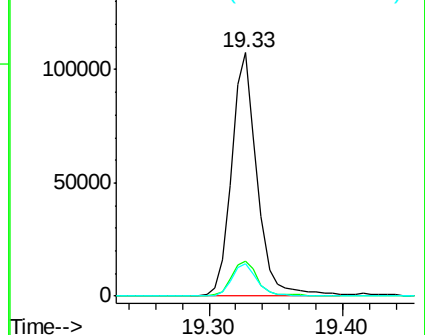
183 13.1 11.4 17.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.11 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

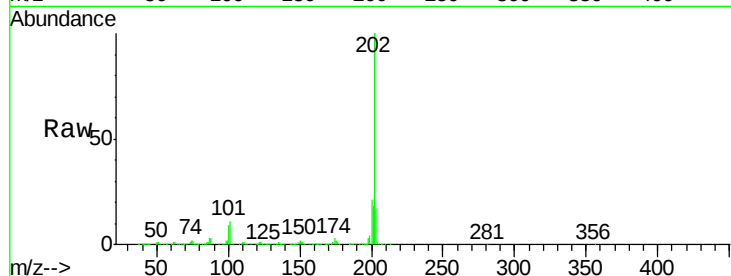
Instrument :

BNA_G

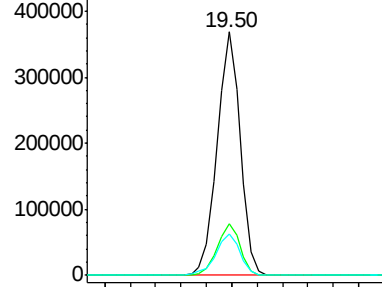
ClientSampleId :

HF-1(18-19)MS

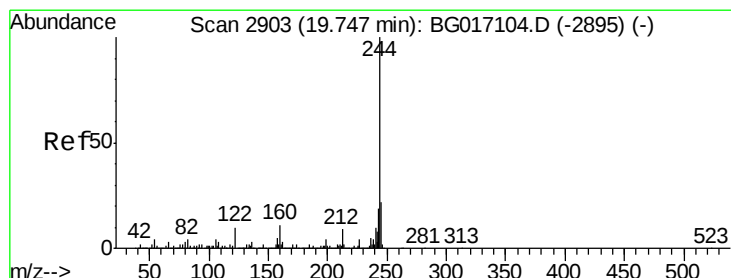
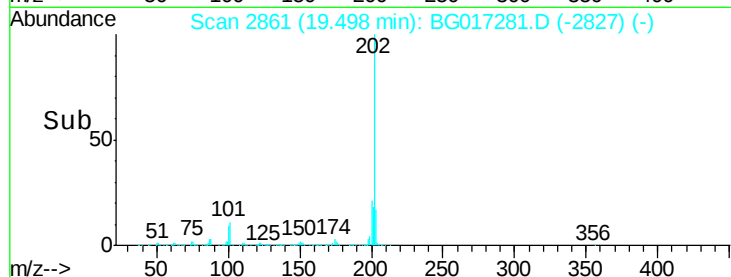
Tgt Ion:	202	Resp:	465365
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.8
203	17.2	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60



#78

Terphenyl-d14

Concen: 70.39 ng

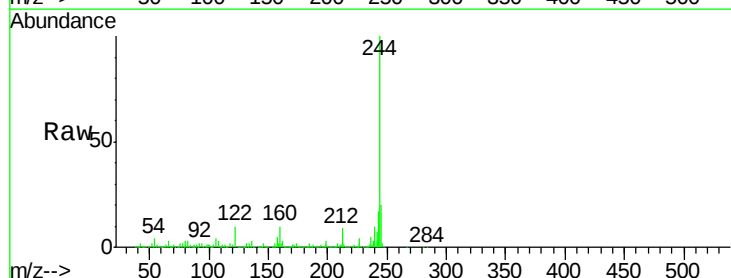
RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

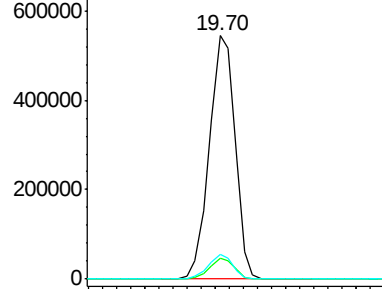
Lab File: BG017281.D

Acq: 26 May 2015 17:27

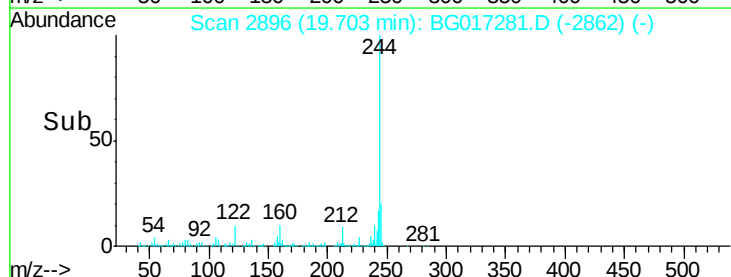
Tgt Ion:	244	Resp:	690426
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	10.2	8.4	12.6

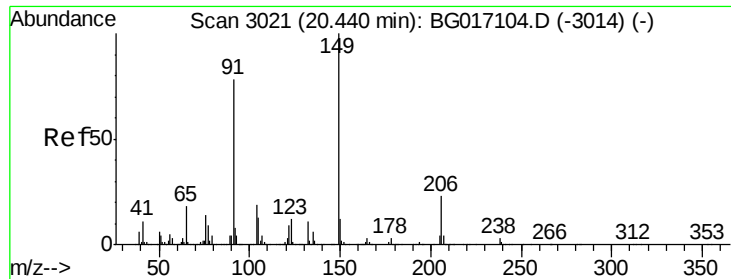


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.65 19.70 19.75 19.80

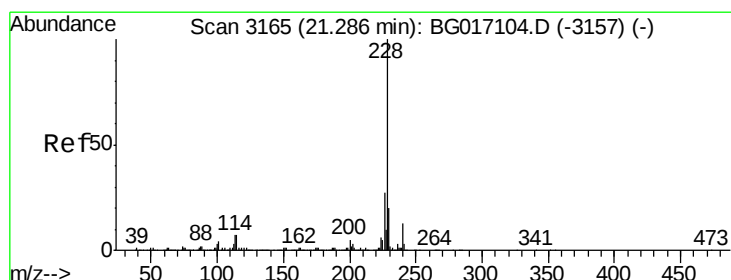
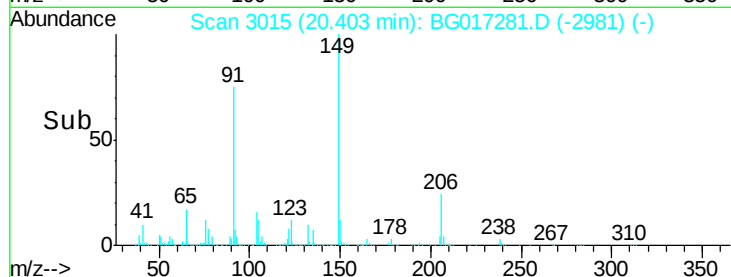
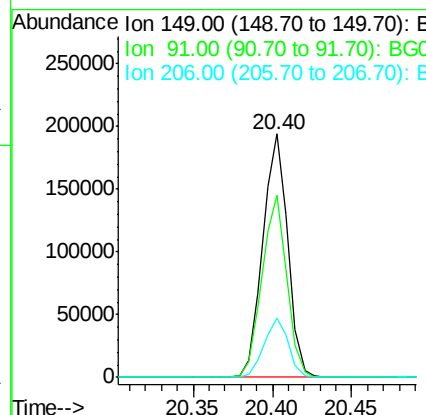
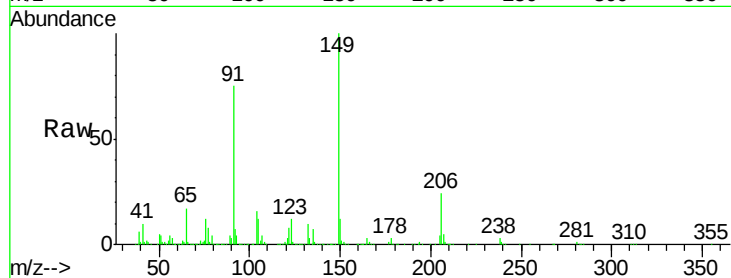




#79
Butylbenzylphthalate
Concen: 37.37 ng
RT: 20.40 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

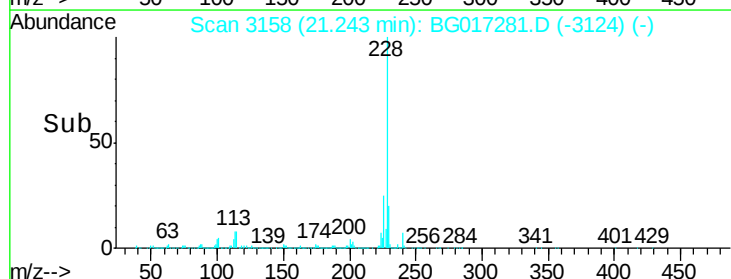
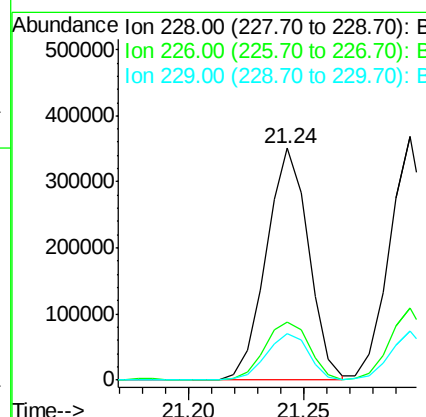
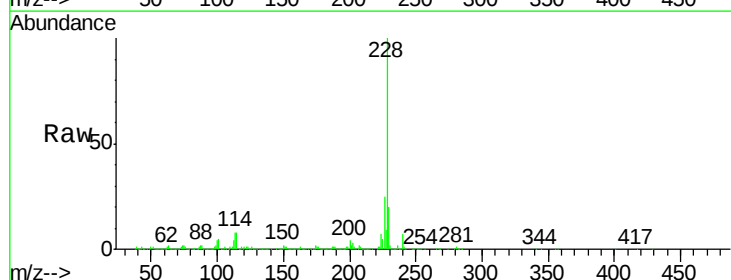
Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MS

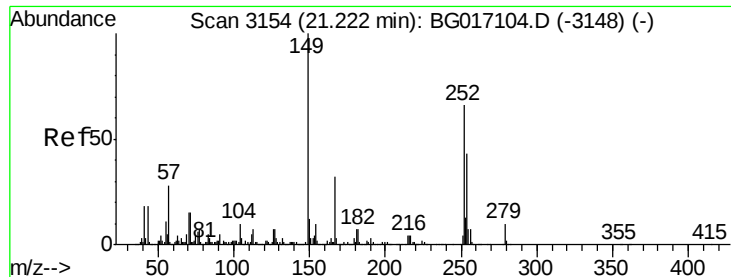
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	62.0	93.0
206	24.5	18.6	27.8



#80
Benzo(a)anthracene
Concen: 37.92 ng
RT: 21.24 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	21.7	32.5
229	20.3	16.1	24.1

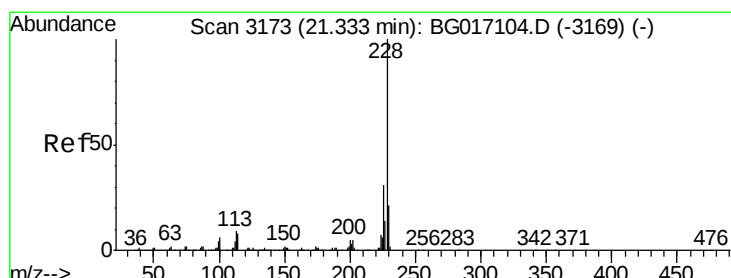
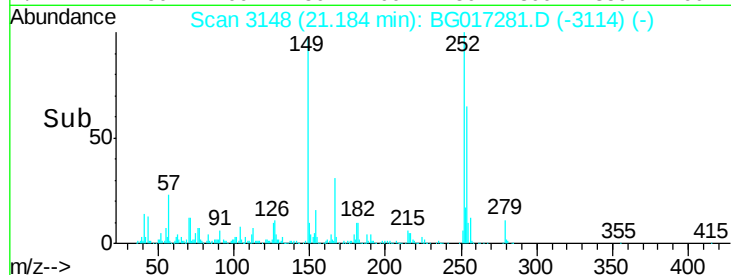
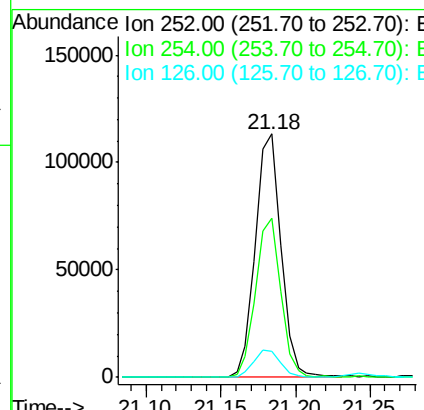
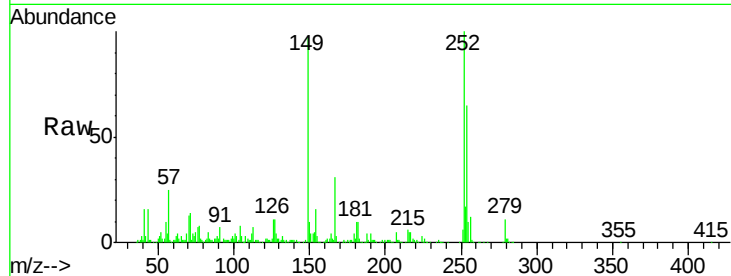




#81
 3,3'-Dichlorobenzidine
 Concen: 29.67 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

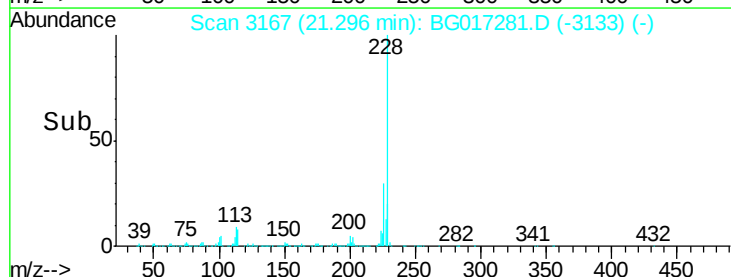
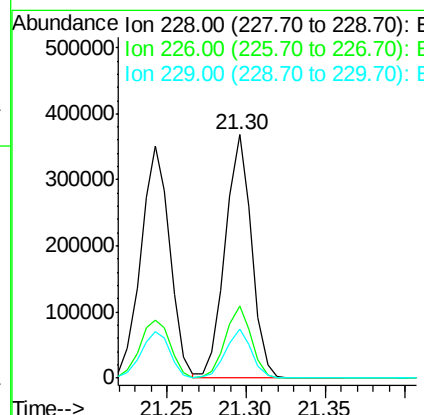
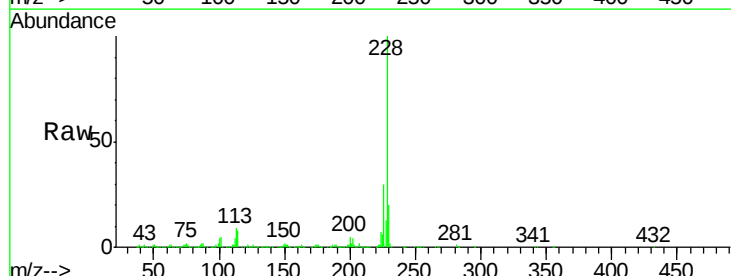
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MS

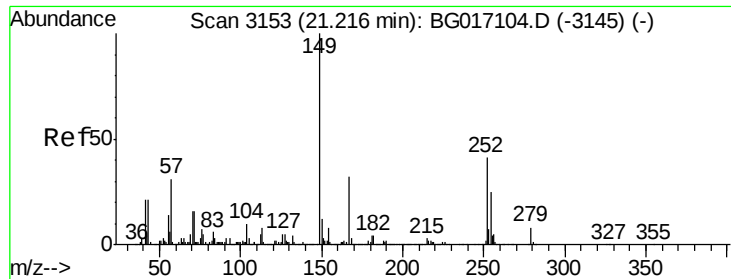
Tgt Ion:252 Resp: 134509
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.1 78.1
 126 10.7 8.8 13.2



#82
 Chrysene
 Concen: 38.73 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion:228 Resp: 422508
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.8 37.2
 229 20.3 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.54 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

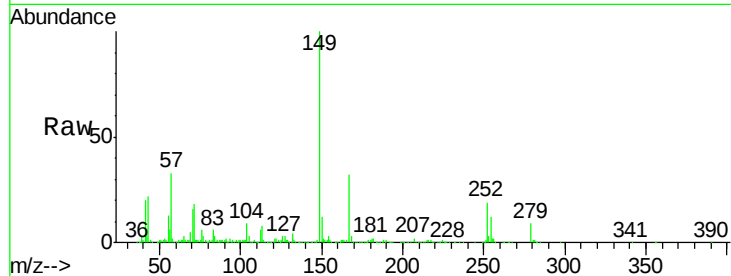
Tgt Ion:149 Resp: 312350

Ion Ratio Lower Upper

149 100

167 31.5 25.4 38.2

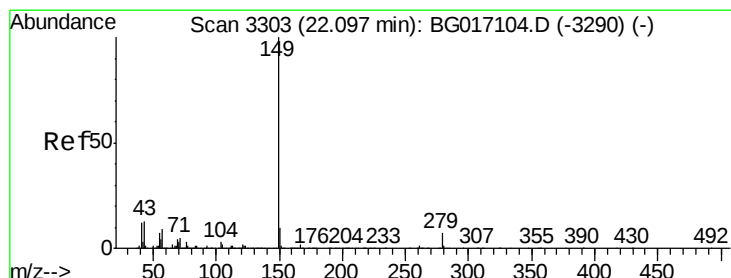
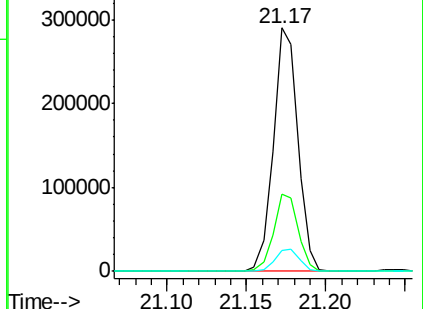
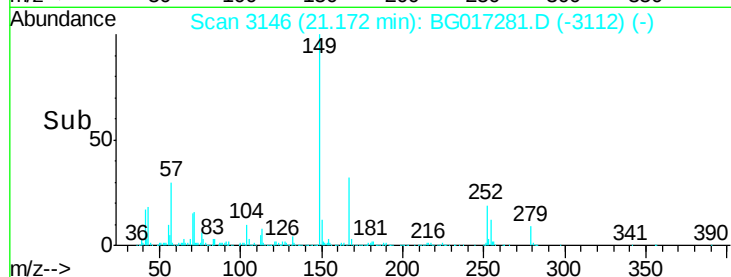
279 8.7 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.12 ng

RT: 22.05 min Scan# 3296

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

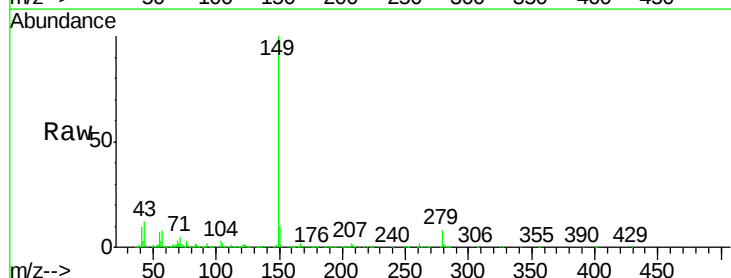
Tgt Ion:149 Resp: 514274

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

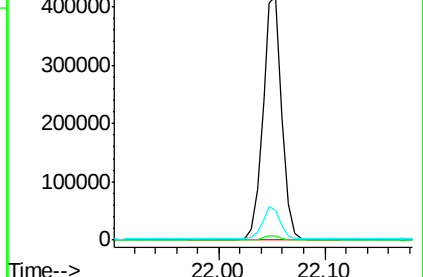
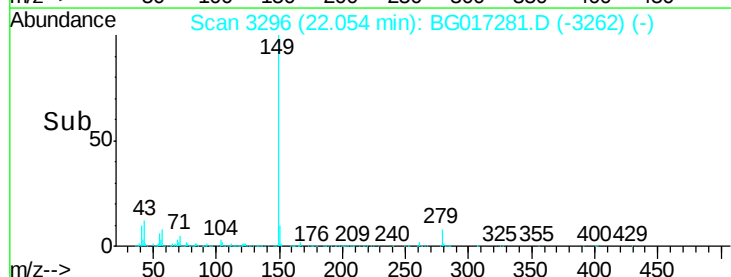
43 12.8 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.86 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

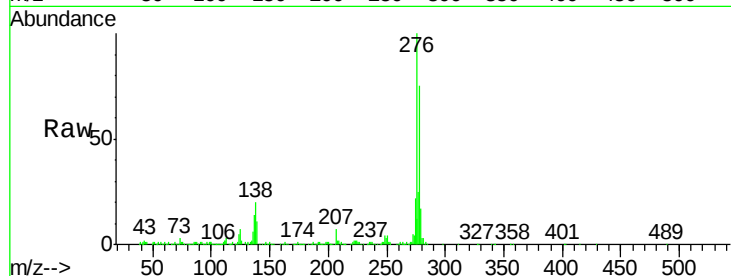
Tgt Ion:276 Resp: 481195

Ion Ratio Lower Upper

276 100

138 20.6 16.0 24.0

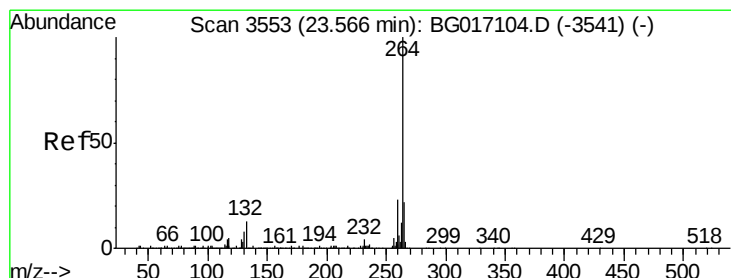
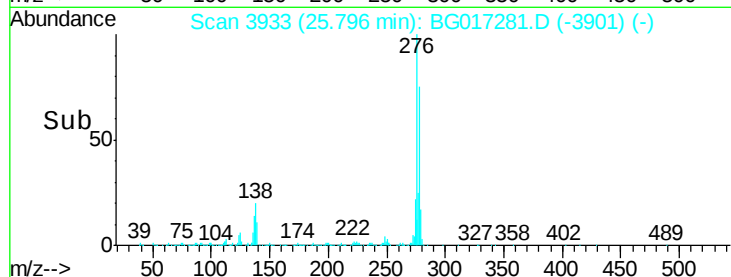
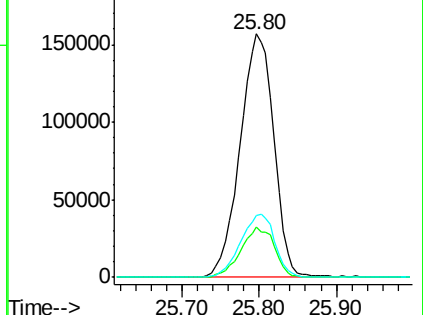
277 26.3 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.50 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

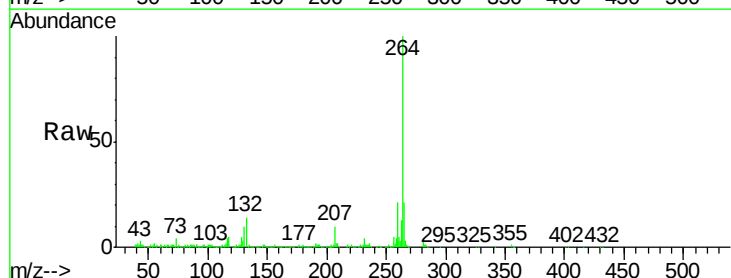
Tgt Ion:264 Resp: 201263

Ion Ratio Lower Upper

264 100

260 21.3 18.0 27.0

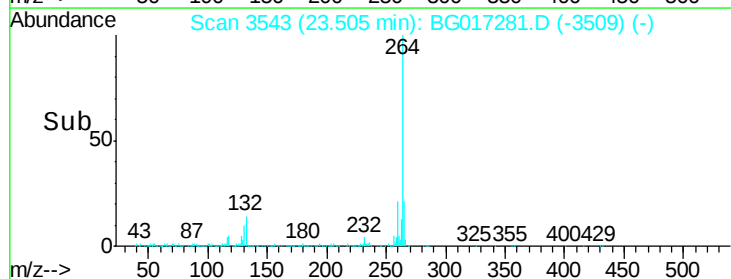
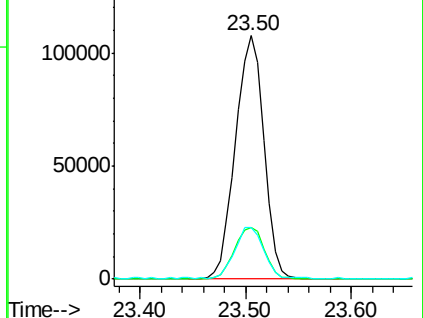
265 21.1 17.4 26.0

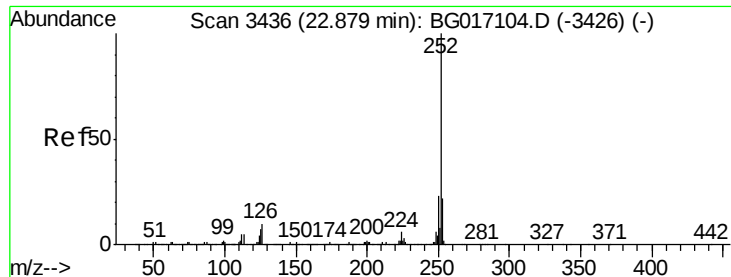


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.10 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

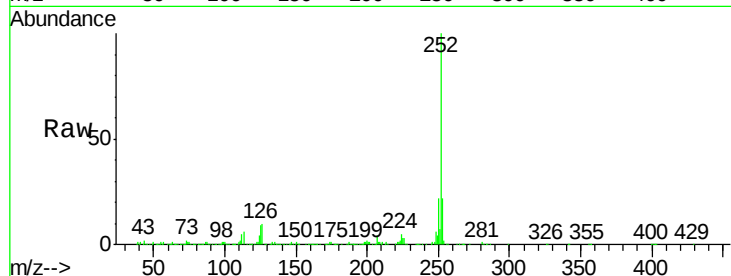
Tgt Ion:252 Resp: 435290

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

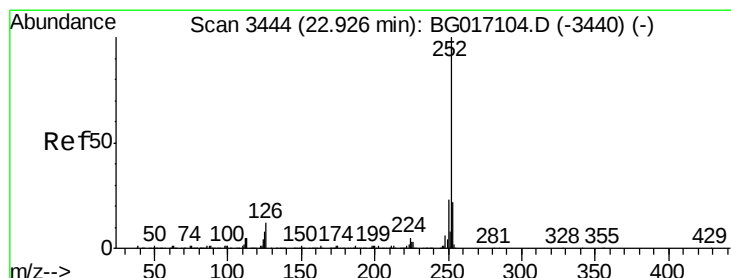
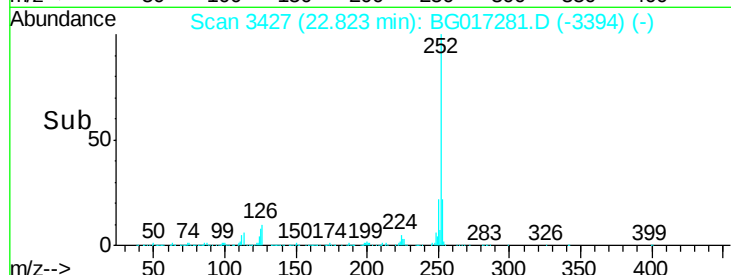
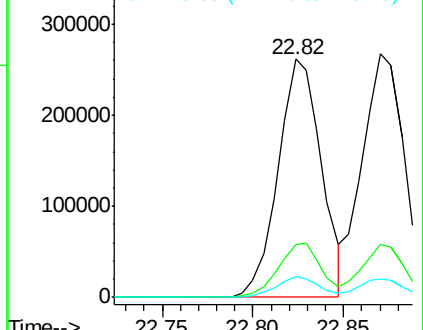
125 8.5 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.57 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

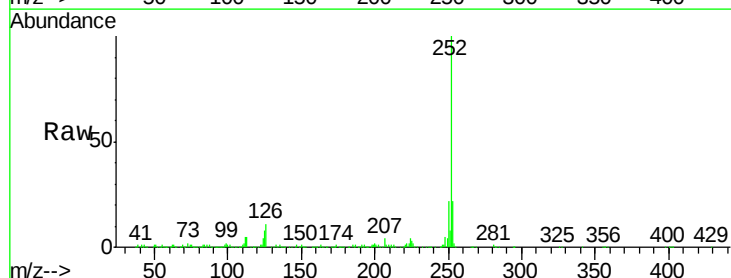
Tgt Ion:252 Resp: 429613

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

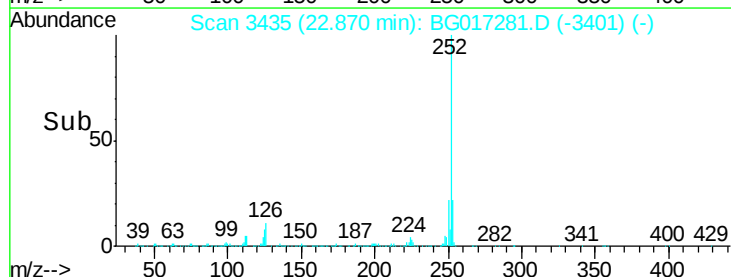
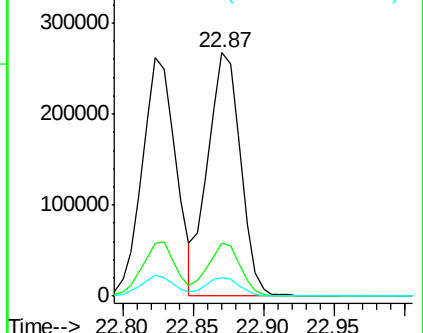
125 7.7 6.4 9.6

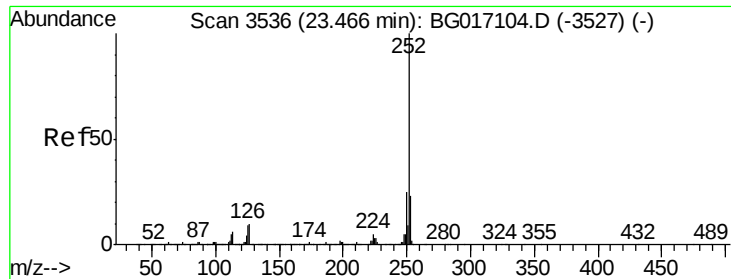


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.66 ng

RT: 23.41 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

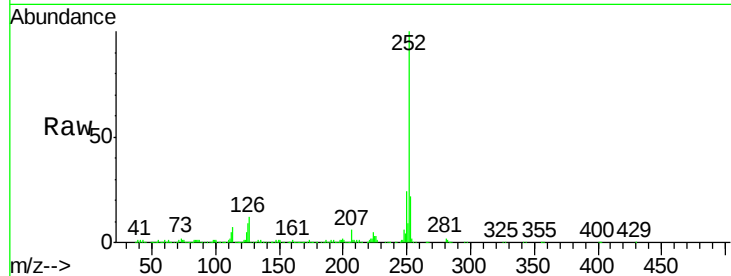
Tgt Ion:252 Resp: 416467

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

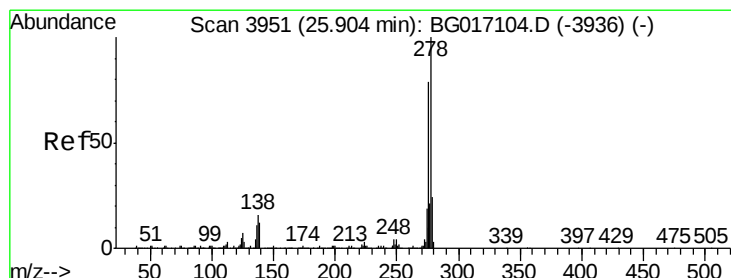
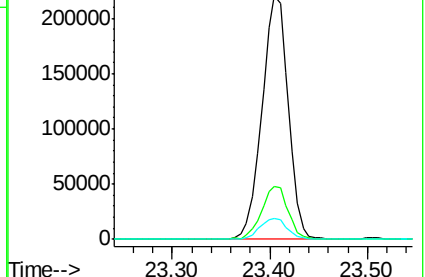
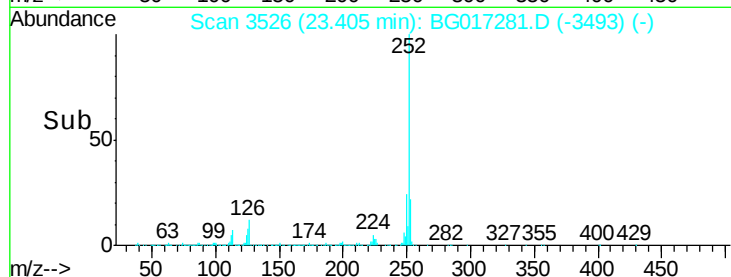
125 8.5 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.06 ng

RT: 25.81 min Scan# 3935

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

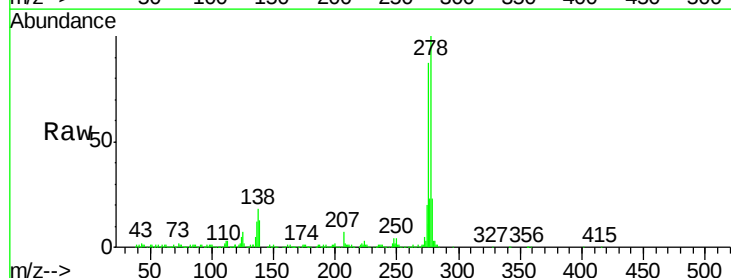
Tgt Ion:278 Resp: 409958

Ion Ratio Lower Upper

278 100

139 12.5 9.4 14.2

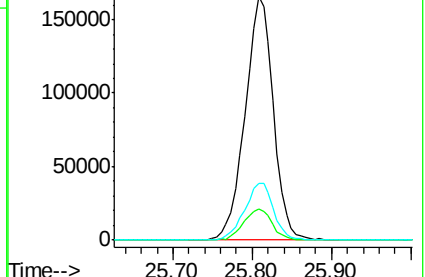
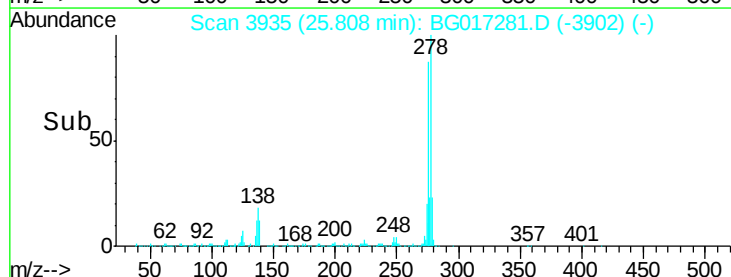
279 23.4 19.1 28.7

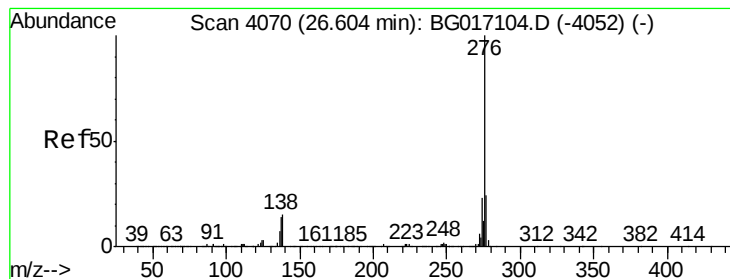


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.42 ng

RT: 26.50 min Scan# 4053

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS

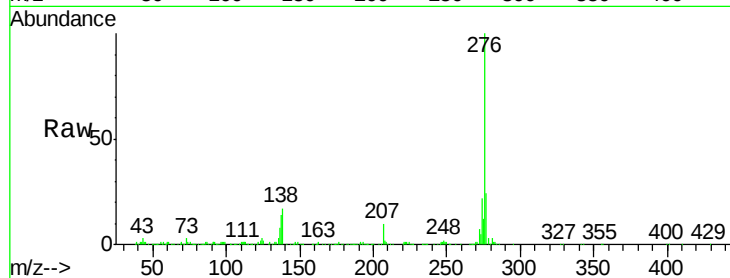
Tgt Ion: 276 Resp: 389532

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 17.3 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

