

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019106.D
 Acq On : 10 Oct 2015 7:57
 Operator : UM/NP
 Sample : PB85936BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 05:01:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19552	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	82638	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	59534	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	156190	20.00	ng	0.00
75) Chrysene-d12	21.68	240	190298	20.00	ng	0.00
86) Perylene-d12	24.90	264	183088	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	130910	136.32	ng	0.00
7) Phenol-d6	7.20	99	197542	133.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	130832	87.48	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	108952	134.30	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	314659	81.27	ng	0.00
78) Terphenyl-d14	20.02	244	630478	87.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	12162	30.12	ng	91
3) Pyridine	3.90	79	40958	33.17	ng	91
4) n-Nitrosodimethylamine	3.82	42	26122	37.31	ng	# 96
6) Aniline	7.36	93	56402	28.24	ng	98
8) 2-Chlorophenol	7.60	128	52152	43.28	ng	92
9) Benzaldehyde	7.17	77	11386	12.25	ng	95
10) Phenol	7.22	94	69198	45.05	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	47014	40.50	ng	96
12) 1,3-Dichlorobenzene	7.92	146	50791	38.61	ng	96
13) 1,4-Dichlorobenzene	8.07	146	53148	39.48	ng	95
14) 1,2-Dichlorobenzene	8.39	146	51606	39.62	ng	95
15) Benzyl Alcohol	8.27	79	53816	40.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	101602	40.87	ng	98
17) 2-Methylphenol	8.48	107	49287	44.93	ng	98
18) Hexachloroethane	9.12	117	19912	38.81	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	41881	35.78	ng	97
20) 3+4-Methylphenols	8.80	107	67859	42.94	ng	98
22) Acetophenone	8.85	105	80410	41.61	ng	97
24) Nitrobenzene	9.23	77	65899	41.53	ng	95
25) Isophorone	9.76	82	121759	40.02	ng	97
26) 2-Nitrophenol	9.95	139	29256	43.24	ng	94
27) 2,4-Dimethylphenol	10.01	122	54348	45.97	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	68245	42.04	ng	97
29) 2,4-Dichlorophenol	10.48	162	56996	45.98	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	54999	41.34	ng	99
31) Naphthalene	10.89	128	164059	41.25	ng	97
32) Benzoic acid	10.14	122	25520	36.91	ng	89
33) 4-Chloroaniline	10.99	127	41325	22.36	ng	96
34) Hexachlorobutadiene	11.18	225	37832	41.47	ng	98
35) Caprolactam	11.76	113	10343	22.65	ng	# 87
36) 4-Chloro-3-methylphenol	12.12	107	71392	45.32	ng	97
37) 2-Methylnaphthalene	12.49	142	128480	41.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	67712	39.57	ng	98
40) Hexachlorocyclopentadiene	12.84	237	84227	94.63	ng	98

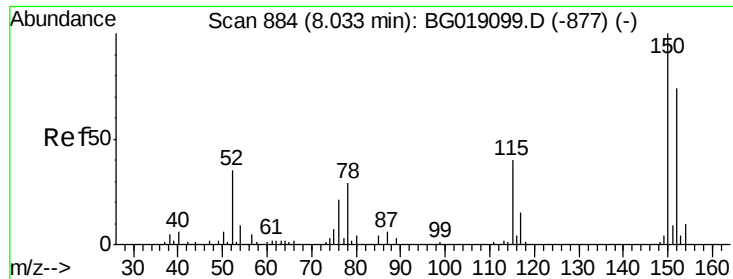
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
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 Acq On : 10 Oct 2015 7:57
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Quant Time: Oct 12 05:01:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	49851	41.85	ng	95
43) 2,4,5-Trichlorophenol	13.17	196	56174	44.38	ng	99
45) 1,1'-Biphenyl	13.50	154	171506	39.67	ng	98
46) 2-Chloronaphthalene	13.54	162	133846	40.24	ng	97
47) 2-Nitroaniline	13.74	65	55425	41.49	ng	96
48) Acenaphthylene	14.39	152	233423	39.79	ng	99
49) Dimethylphthalate	14.12	163	193711	41.20	ng	99
50) 2,6-Dinitrotoluene	14.23	165	42542	42.35	ng	97
51) Acenaphthene	14.73	154	138973	39.39	ng	98
52) 3-Nitroaniline	14.56	138	31325	28.26	ng	97
53) 2,4-Dinitrophenol	14.77	184	51147	84.42	ng	91
54) Dibenzofuran	15.06	168	222592	42.70	ng	96
55) 4-Nitrophenol	14.87	139	77556	92.46	ng	99
56) 2,4-Dinitrotoluene	15.02	165	65005	44.51	ng	91
57) Fluorene	15.71	166	190842	42.20	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	52955	44.19	ng	92
59) Diethylphthalate	15.48	149	205649	42.11	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	94590	41.05	ng	97
61) 4-Nitroaniline	15.73	138	50142	41.63	ng	95
62) Azobenzene	16.00	77	197759	43.66	ng	97
64) 4,6-Dinitro-2-methylphenol	15.78	198	37156	43.57	ng	97
65) n-Nitrosodiphenylamine	15.91	169	172463	39.95	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	65146	41.04	ng	96
67) Hexachlorobenzene	16.71	284	79234	42.51	ng	98
68) Atrazine	16.87	200	79410	44.67	ng	99
69) Pentachlorophenol	17.06	266	91691	94.36	ng	96
70) Phenanthrene	17.45	178	336712	41.89	ng	99
71) Anthracene	17.54	178	344537	42.85	ng	99
72) Carbazole	17.81	167	325621	43.26	ng	99
73) Di-n-butylphthalate	18.37	149	394215	42.76	ng	99
74) Fluoranthene	19.46	202	446960	43.22	ng	99
76) Benzidine	19.63	184	141727	29.03	ng	98
77) Pyrene	19.82	202	459828	43.15	ng	99
79) Butylbenzylphthalate	20.71	149	184868	42.57	ng	96
80) Benzo(a)anthracene	21.66	228	435974	42.74	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	102712	27.22	ng	97
82) Chrysene	21.73	228	396453	40.95	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	256498	42.53	ng	97
84) Di-n-octyl phthalate	22.79	149	441688	42.40	ng	99
85) Indeno(1,2,3-cd)pyrene	28.59	276	489925	41.58	ng	# 95
87) Benzo(b)fluoranthene	23.89	252	431716	43.85	ng	99
88) Benzo(k)fluoranthene	23.95	252	417653	42.98	ng	98
89) Benzo(a)pyrene	24.76	252	415046	44.63	ng	99
90) Dibenzo(a,h)anthracene	28.66	278	425663	42.63	ng	99
91) Benzo(g,h,i)perylene	29.74	276	402849	43.38	ng	96

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

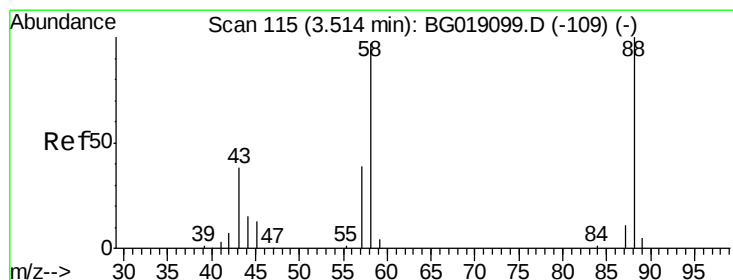
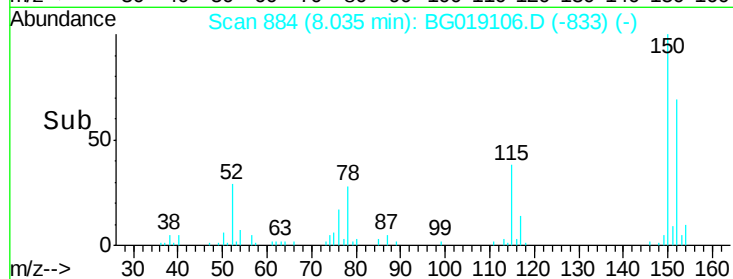
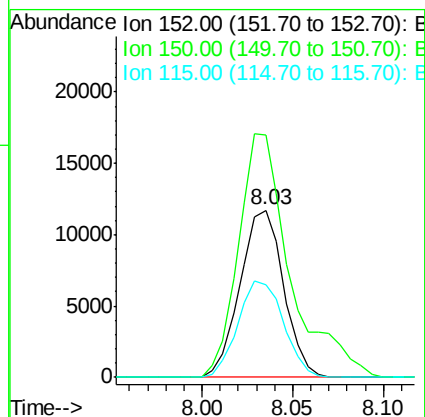
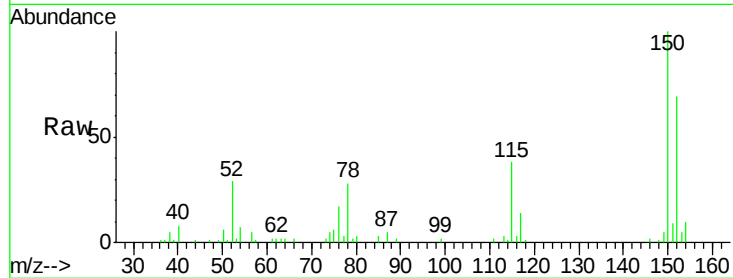


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampled :

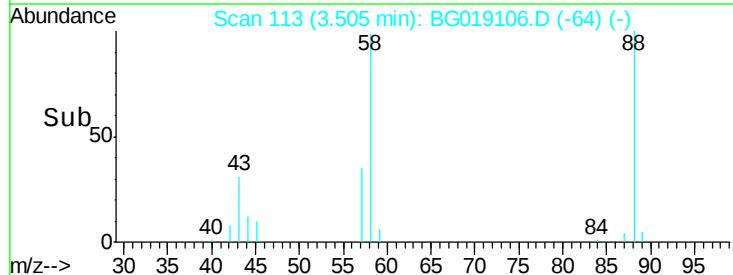
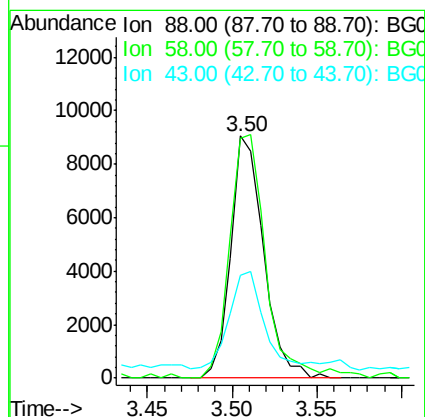
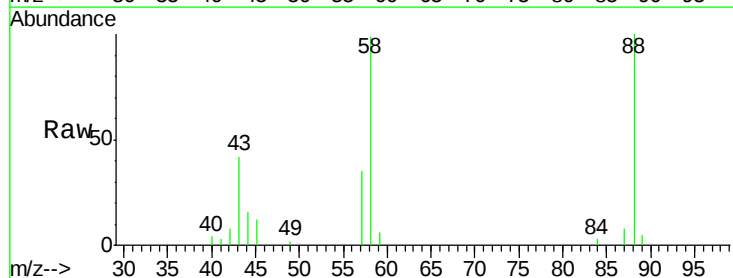
Tot Ion:152 Resp: 19552
Ion Ratio Lower Upper
152 100
150 144.6 108.2 162.2
115 55.5 43.2 64.8

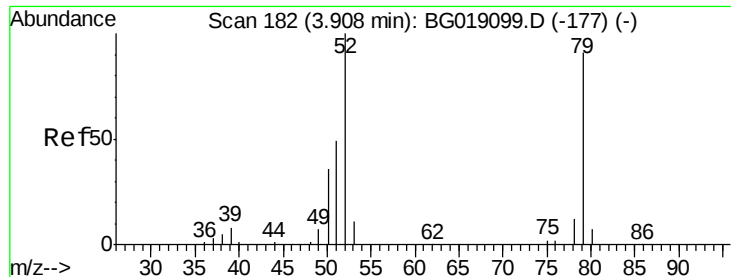


#2

1,4-Dioxane
Concen: 30.12 ng
RT: 3.50 min Scan# 113
Delta R.T. -0.01 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion: 88 Resp: 12162
Ion Ratio Lower Upper
88 100
58 111.7 81.1 121.7
43 42.3 31.0 46.6





#3

Pvridine

Concen: 33.17 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.01 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

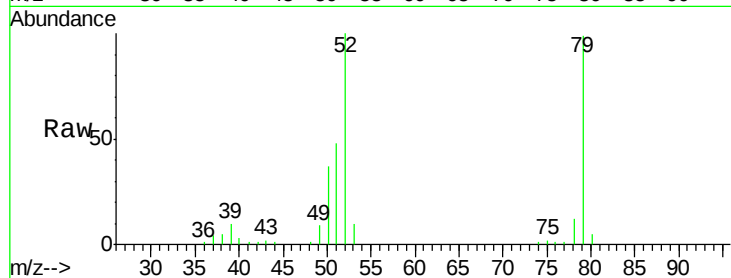
Tot Ion: 79 Resp: 40958

Ion Ratio Lower Upper

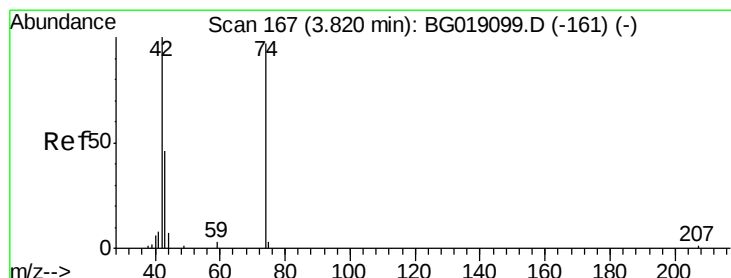
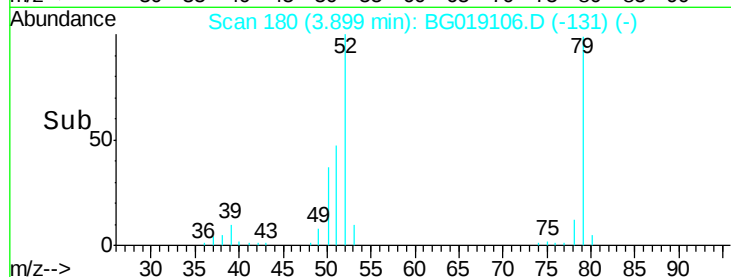
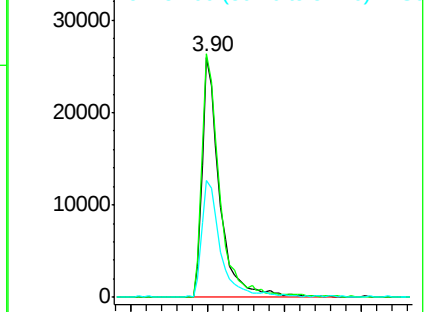
79 100

52 101.4 88.3 132.5

51 48.7 44.6 66.8



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



#4

n-Nitrosodimethylamine

Concen: 37.31 ng

RT: 3.82 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

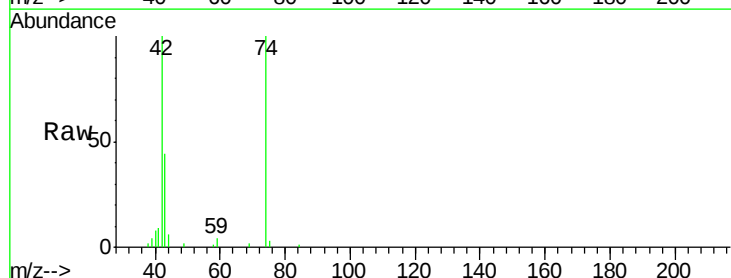
Tgt Ion: 42 Resp: 26122

Ion Ratio Lower Upper

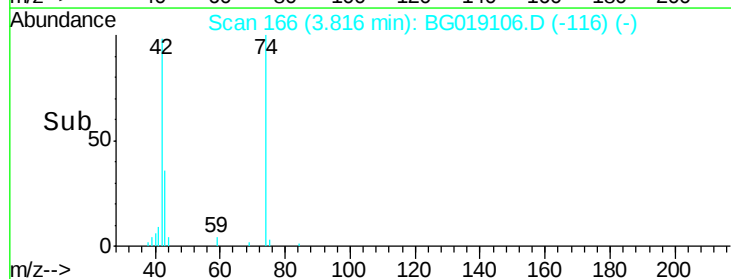
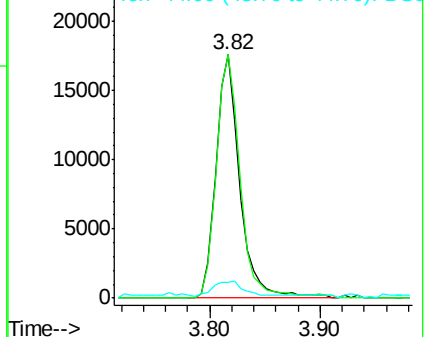
42 100

74 100.2 77.3 115.9

44 6.3 7.2 10.8#



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





#5

2-Fluorophenol

Concen: 136.32 ng

RT: 5.61 min Scan# 471

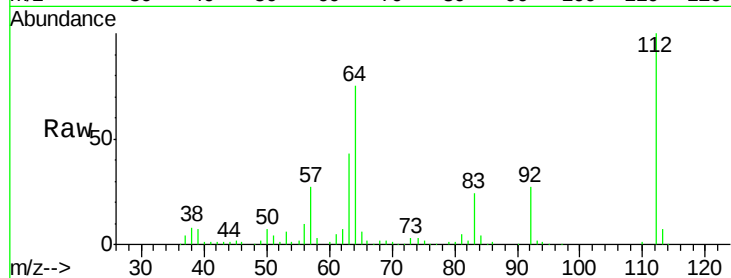
Delta R.T. 0.00 min

Lab File: BG019106.D

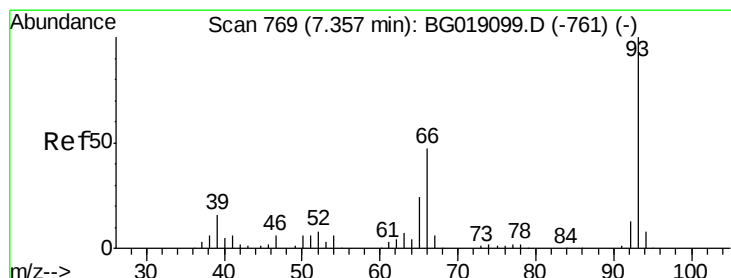
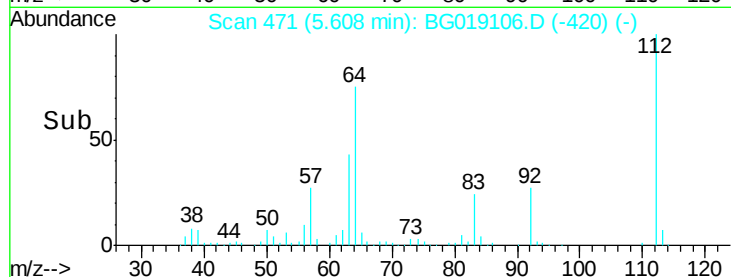
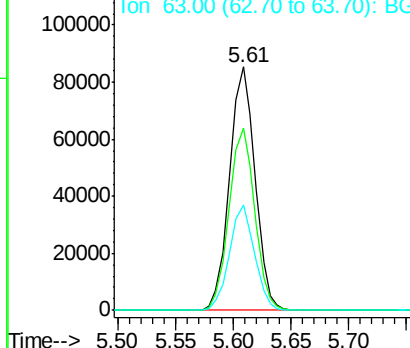
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	130910
Ion	Ratio	Lower	Upper
112	100		
64	74.9	59.0	88.4
63	43.3	34.7	52.1



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: 28.24 ng

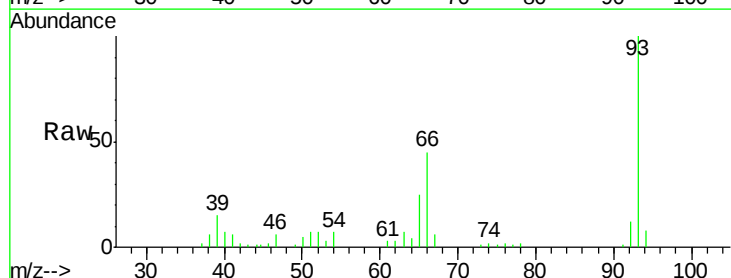
RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

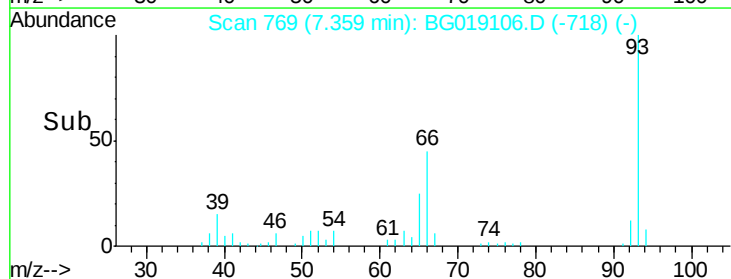
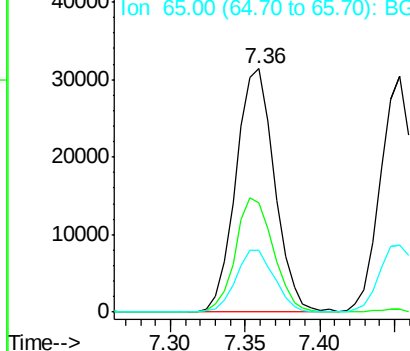
Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Tgt Ion:	93	Resp:	56402
Ion	Ratio	Lower	Upper
93	100		
66	44.7	37.4	56.2
65	25.2	19.6	29.4



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: 133.91 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

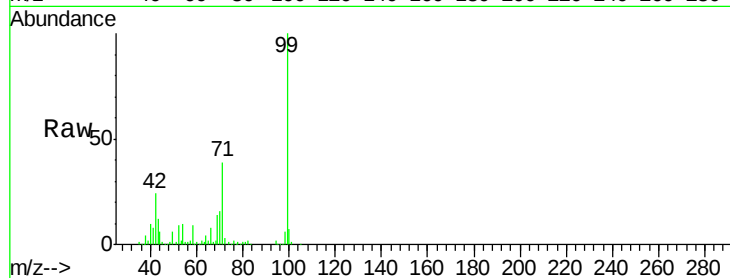
Tot Ion: 99 Resp: 197542

Ion Ratio Lower Upper

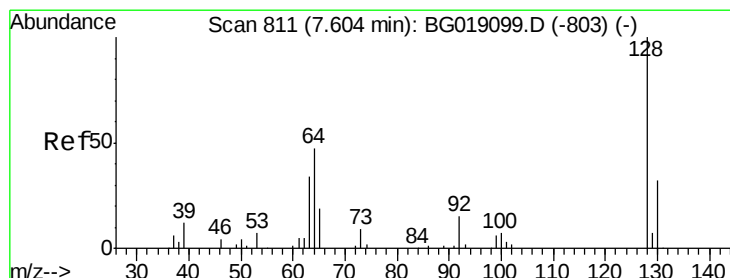
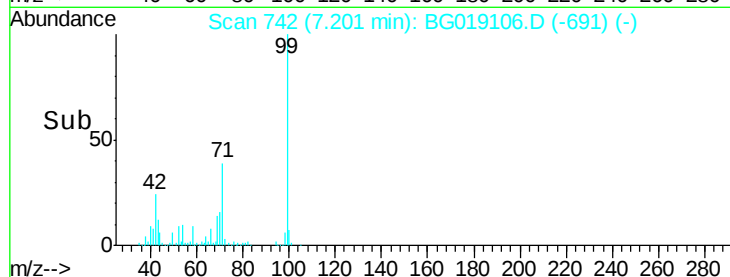
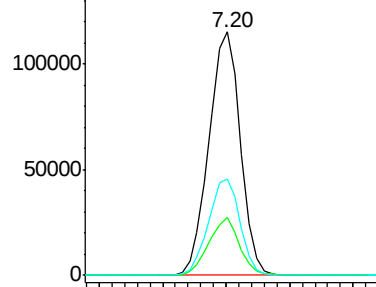
99 100

42 24.0 19.5 29.3

71 39.4 31.4 47.0



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: 43.28 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

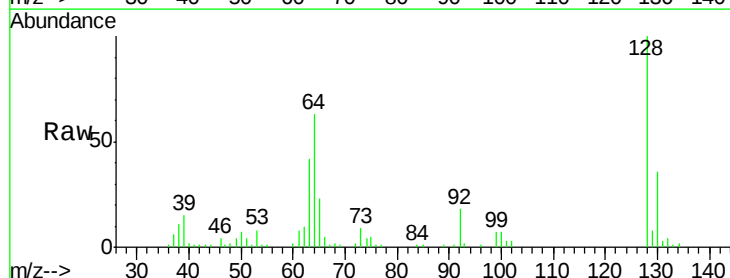
Tgt Ion: 128 Resp: 52152

Ion Ratio Lower Upper

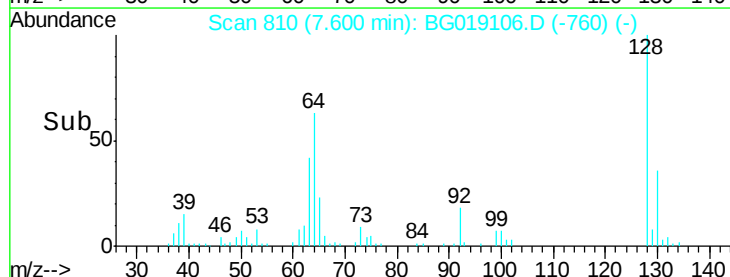
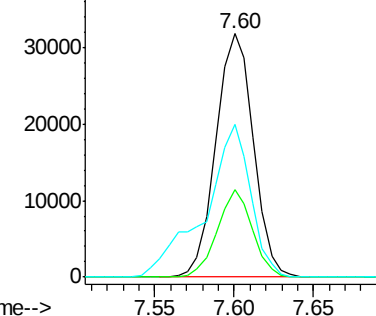
128 100

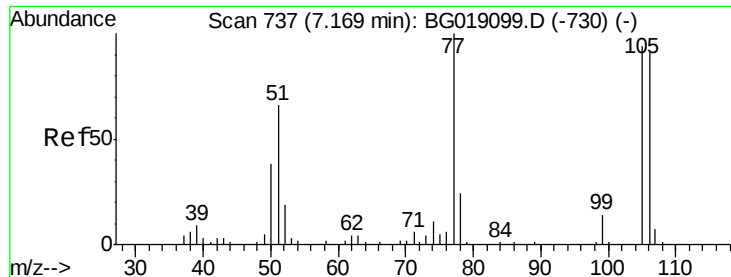
130 35.9 12.3 52.3

64 62.5 35.8 75.8



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

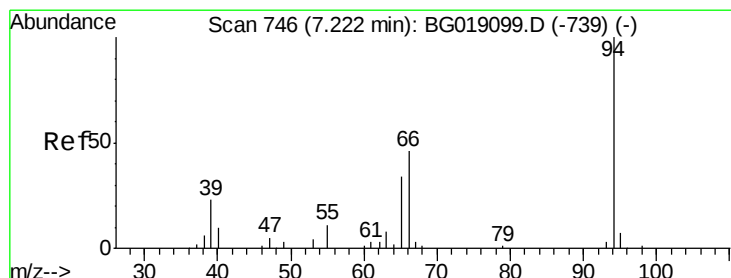
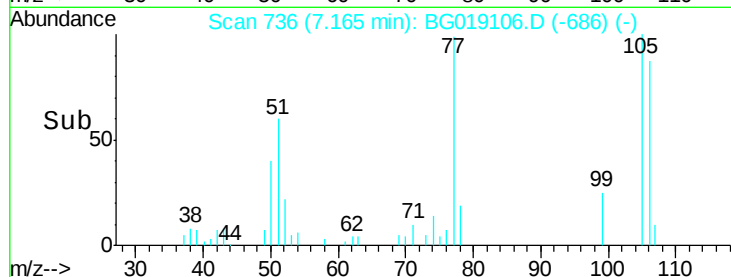
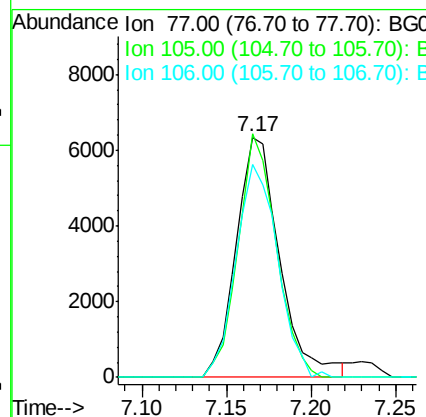
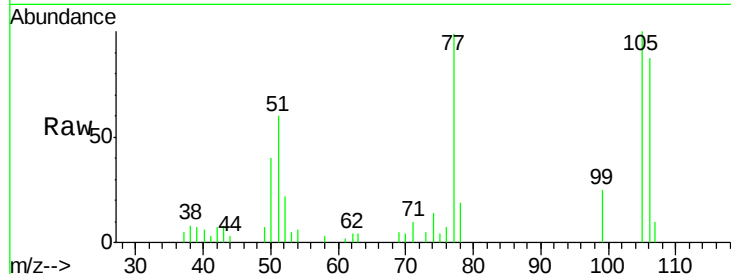




#9
Benzaldehyde
Concen: 12.25 ng
RT: 7.17 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

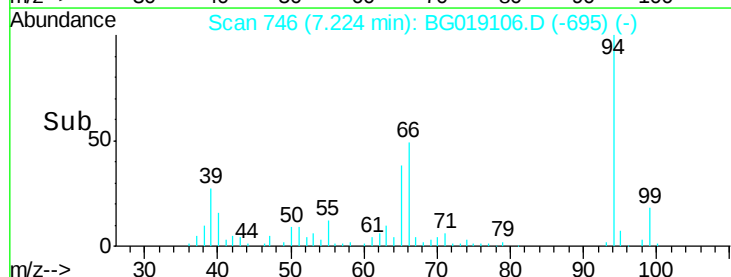
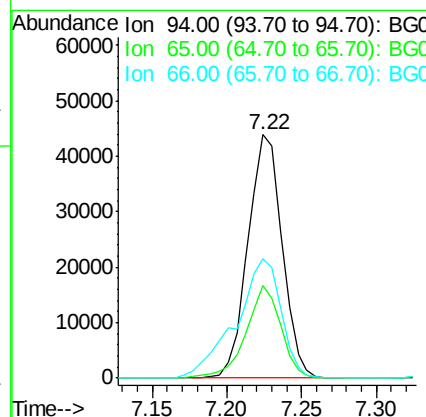
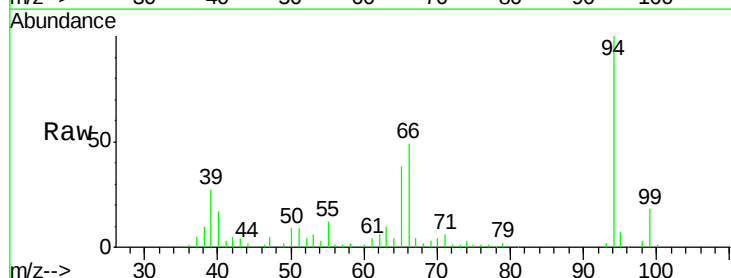
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 11386
Ion Ratio Lower Upper
77 100
105 101.4 73.7 113.7
106 88.7 71.0 111.0



#10
Phenol
Concen: 45.05 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion: 94 Resp: 69198
Ion Ratio Lower Upper
94 100
65 37.9 15.2 55.2
66 49.1 28.7 68.7

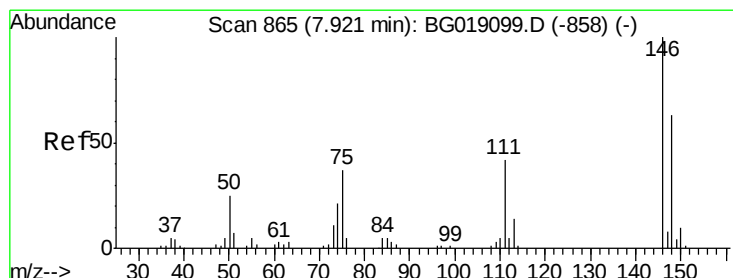
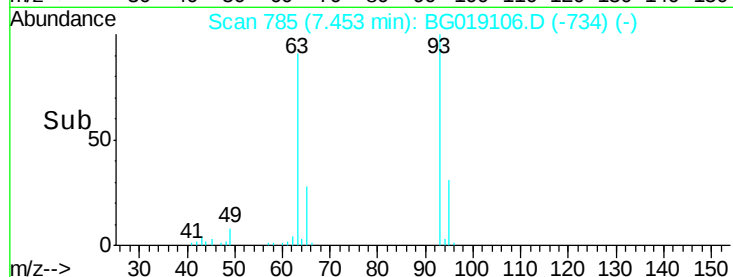
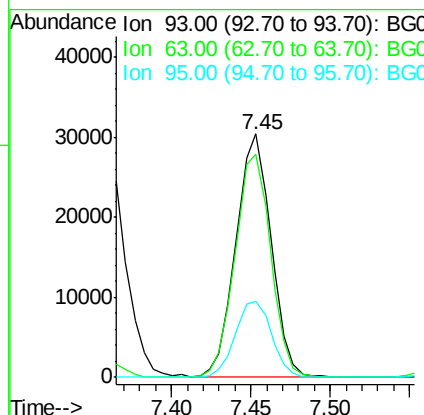
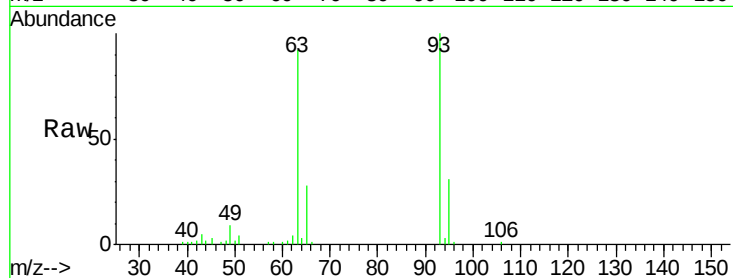




#11
bis(2-Chloroethyl)ether
Concen: 40.50 ng
RT: 7.45 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

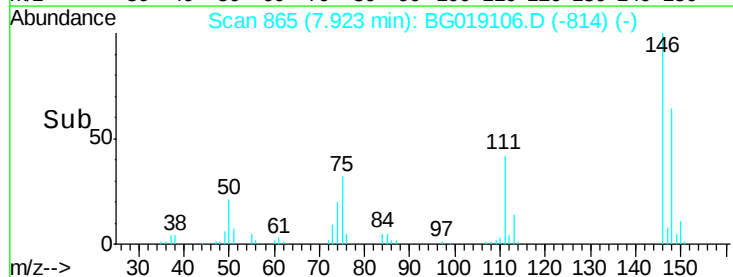
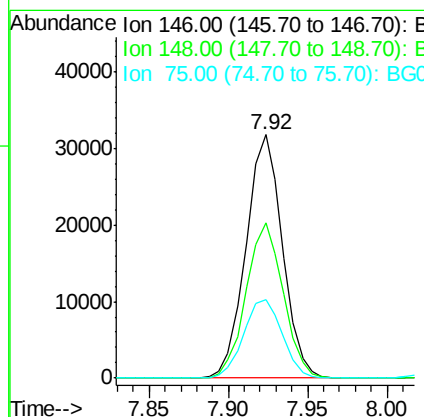
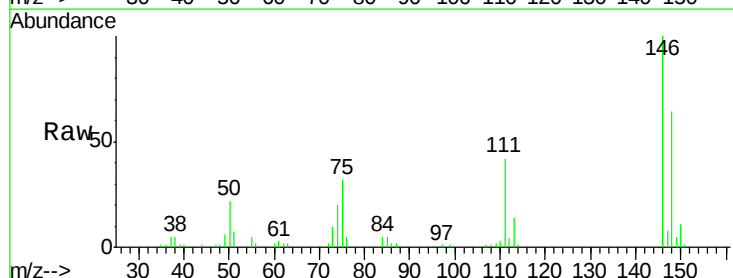
Instrument :
BNA_G
ClientSampleId :

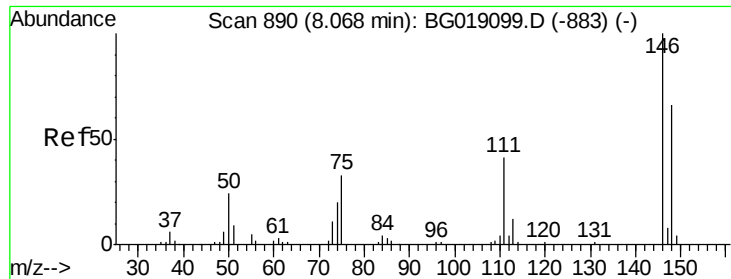
Tot Ion: 93 Resp: 47014
Ion Ratio Lower Upper
93 100
63 91.5 75.3 115.3
95 31.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.61 ng
RT: 7.92 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion: 146 Resp: 50791
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 32.1 29.3 43.9

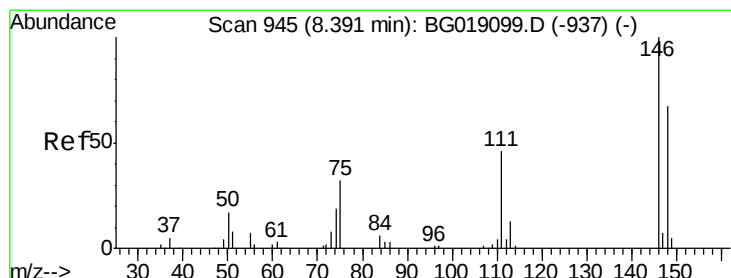
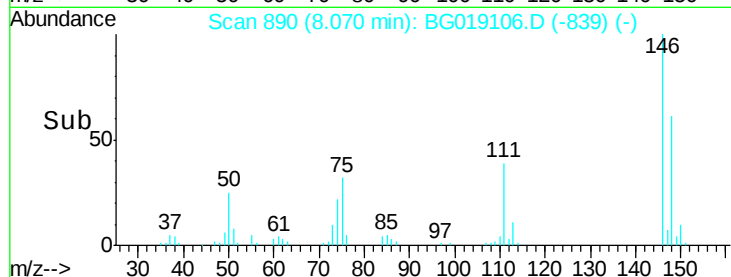
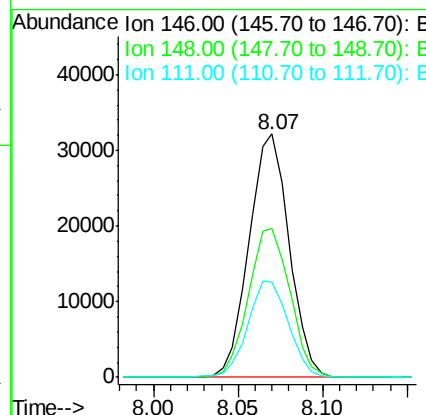
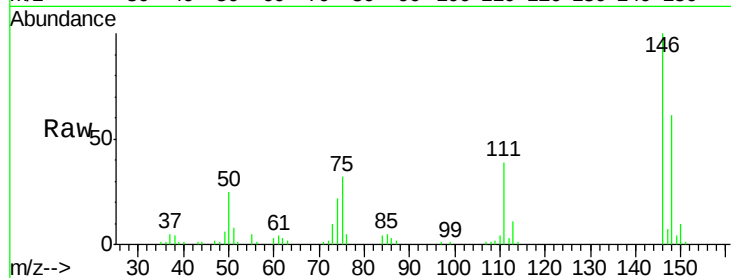




#13
 1,4-Dichlorobenzene
 Concen: 39.48 ng
 RT: 8.07 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

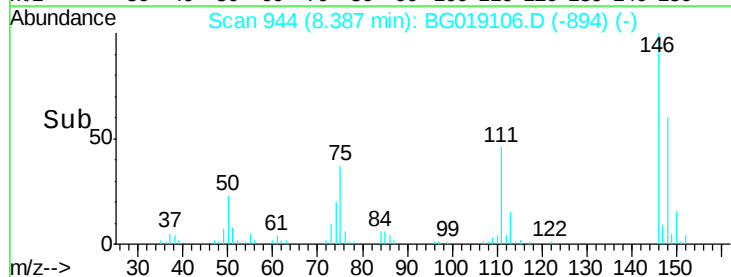
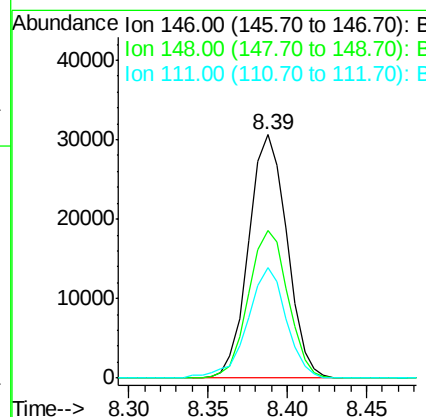
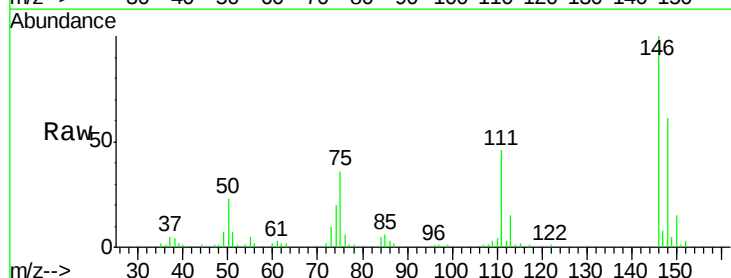
Instrument :
 BNA_G
 ClientSampleId :

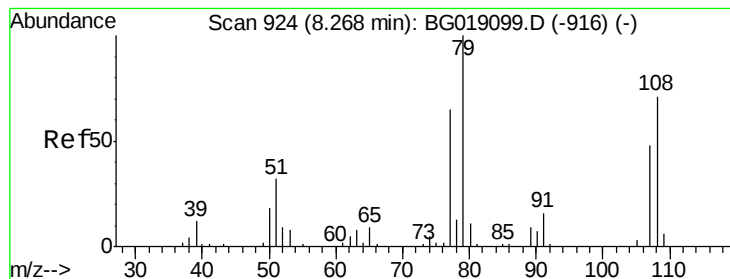
Tot Ion:146 Resp: 53148
 Ion Ratio Lower Upper
 146 100
 148 61.2 52.9 79.3
 111 38.9 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 39.62 ng
 RT: 8.39 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:146 Resp: 51606
 Ion Ratio Lower Upper
 146 100
 148 60.7 53.6 80.4
 111 45.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 40.83 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

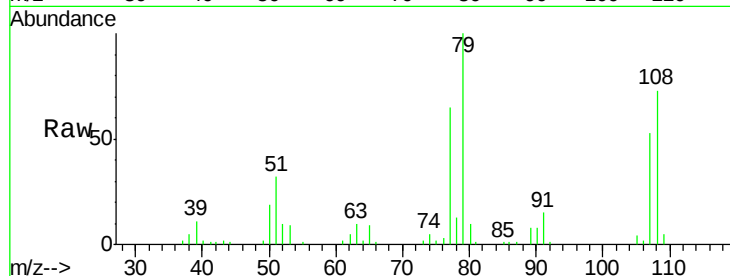
Tot Ion: 79 Resp: 53816

Ion Ratio Lower Upper

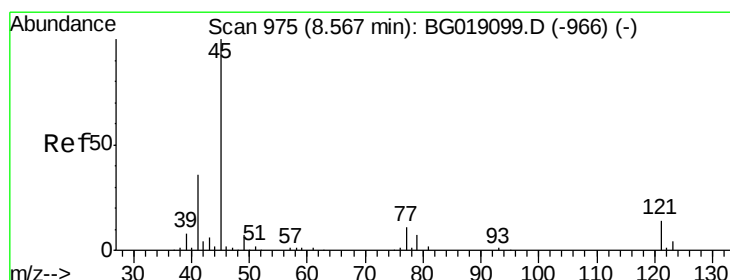
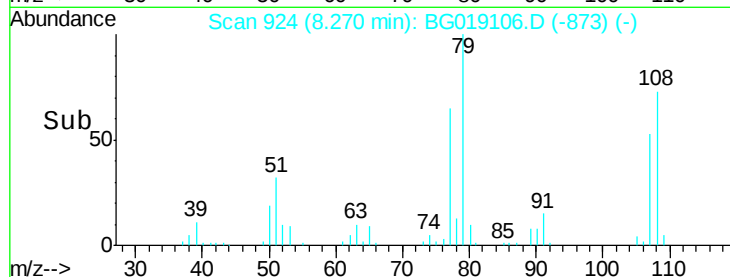
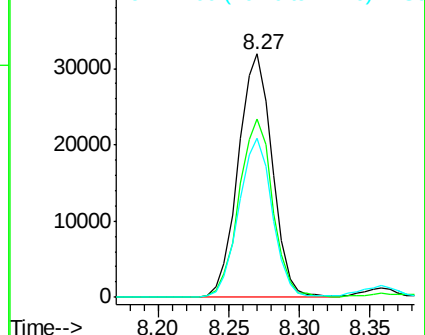
79 100

108 73.2 56.6 84.8

77 65.2 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.87 ng

RT: 8.57 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

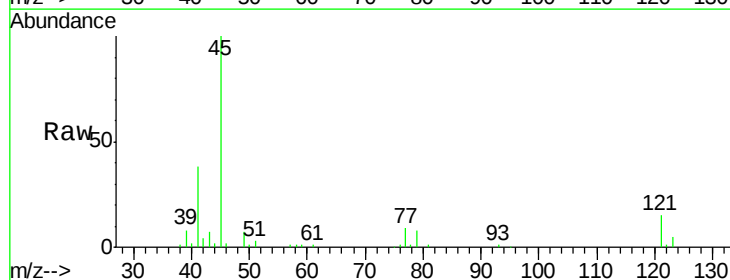
Tgt Ion: 45 Resp: 101602

Ion Ratio Lower Upper

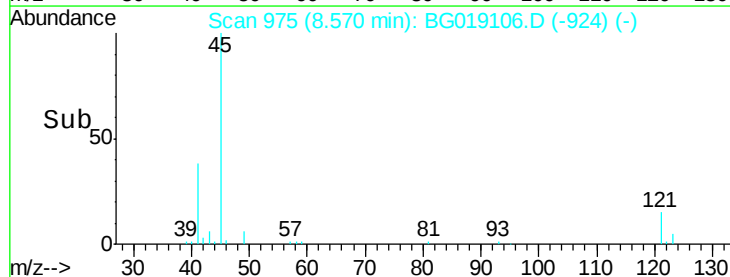
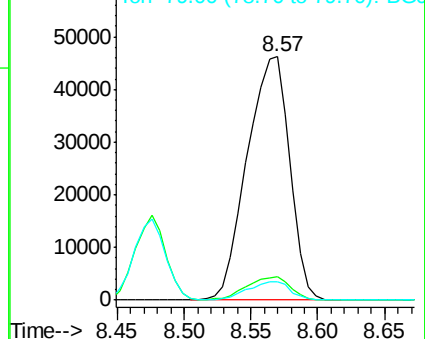
45 100

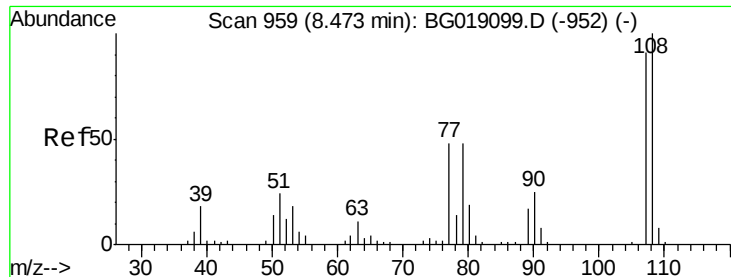
77 9.4 0.0 30.8

79 7.6 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

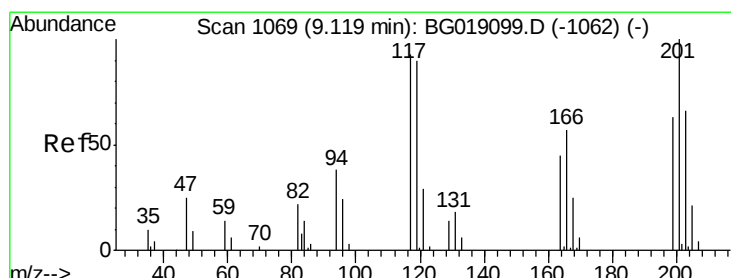
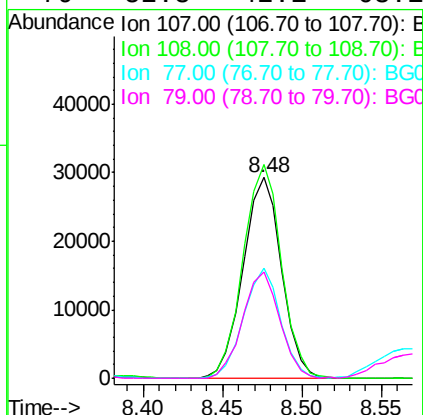
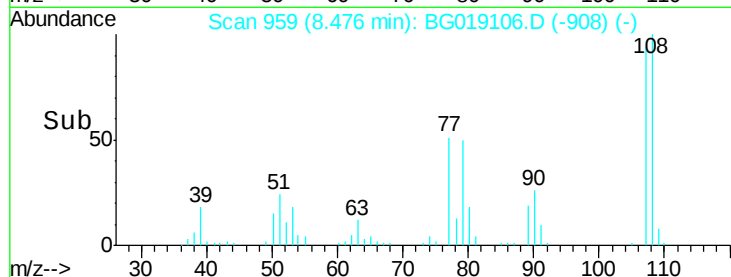
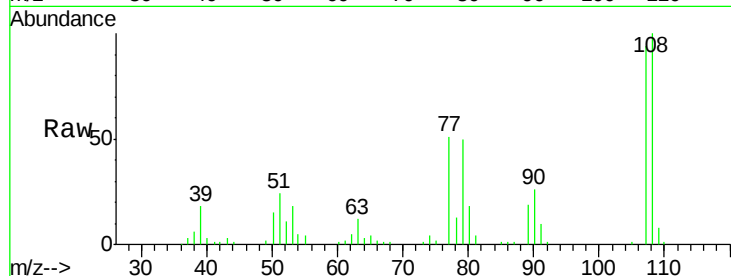




#17
2-Methylphenol
Concen: 44.93 ng
RT: 8.48 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

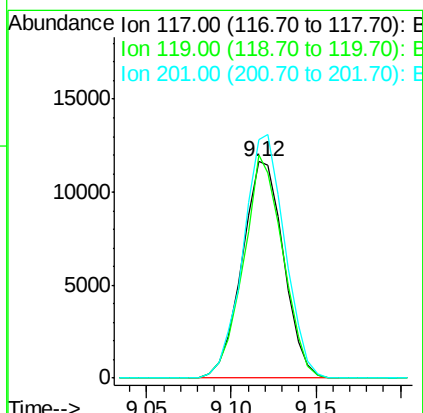
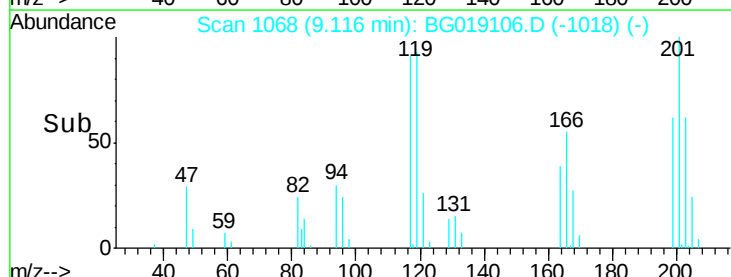
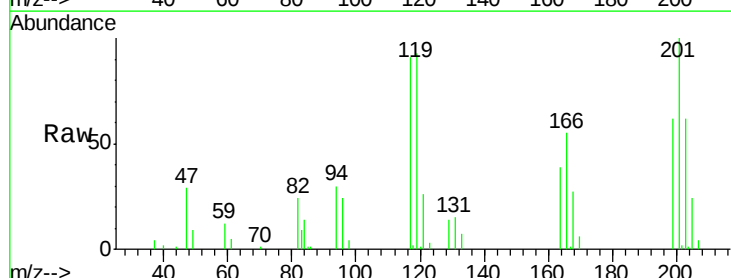
Instrument :
BNA_G
ClientSampled :

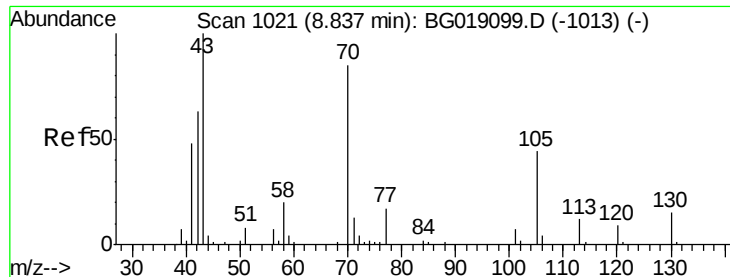
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.4	87.7	131.5
77	54.6	42.2	63.2
79	52.8	42.1	63.1



#18
Hexachloroethane
Concen: 38.81 ng
RT: 9.12 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.0	77.0	115.4
201	110.4	85.6	128.4

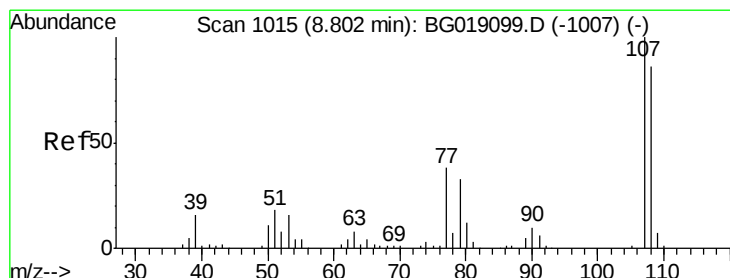
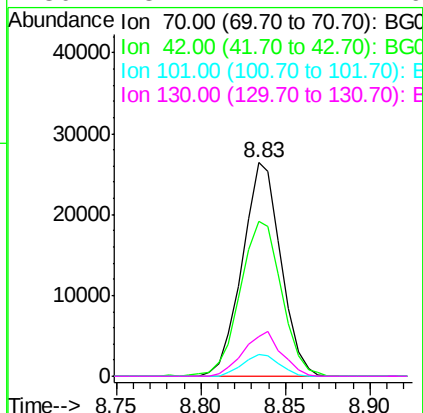
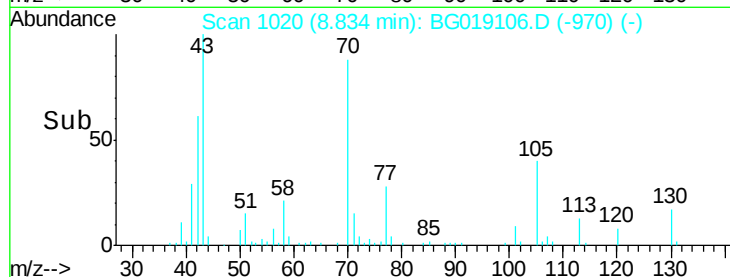
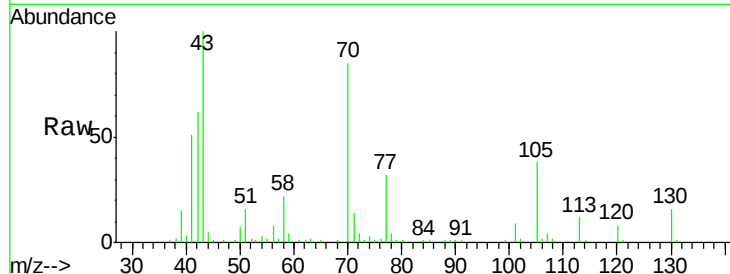




#19
n-Nitroso-di-n-propylamine
Concen: 35.78 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

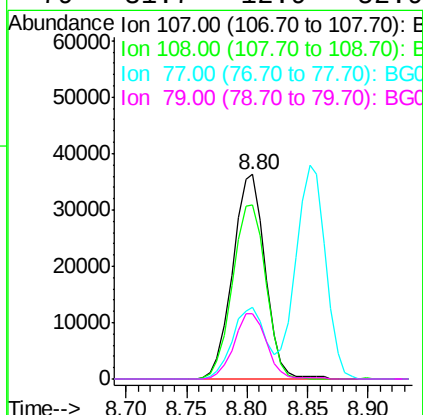
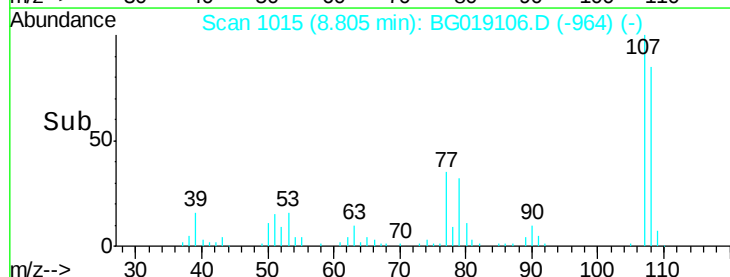
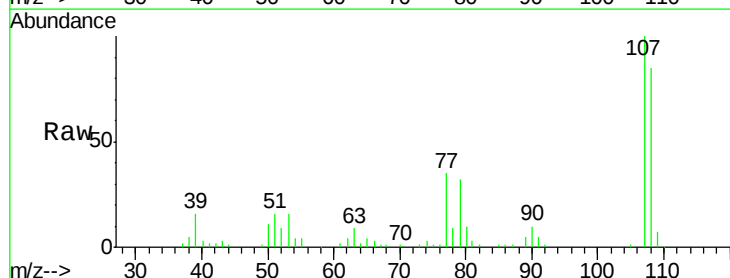
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 41881
Ion Ratio Lower Upper
70 100
42 72.4 59.8 89.8
101 10.3 7.0 10.4
130 18.7 14.4 21.6



#20
3+4-Methylphenols
Concen: 42.94 ng
RT: 8.80 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion: 107 Resp: 67859
Ion Ratio Lower Upper
107 100
108 85.3 66.2 106.2
77 35.1 17.8 57.8
79 31.7 12.9 52.9

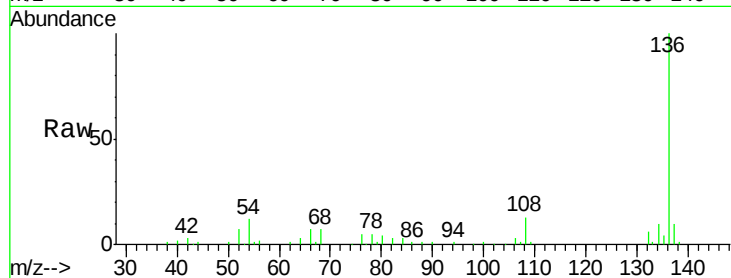




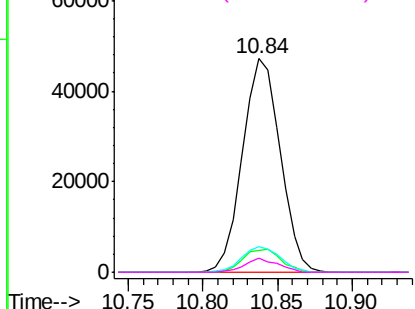
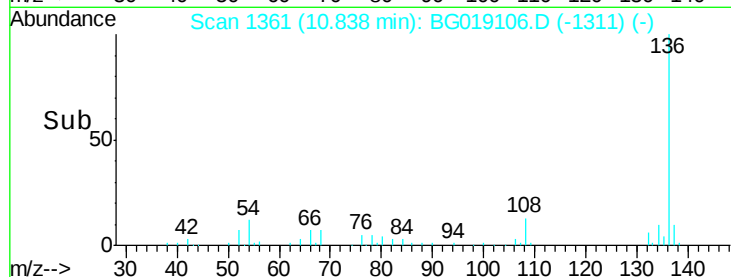
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	82638
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.4
54	12.2	10.1 15.1
68	6.7	4.4 6.6

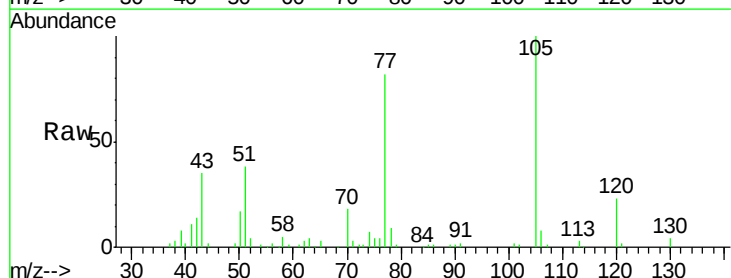


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

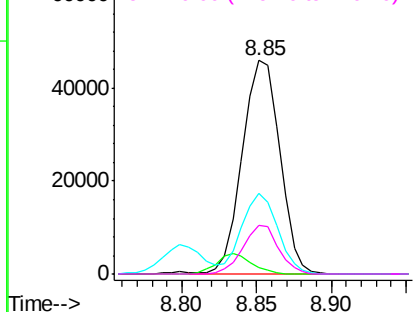
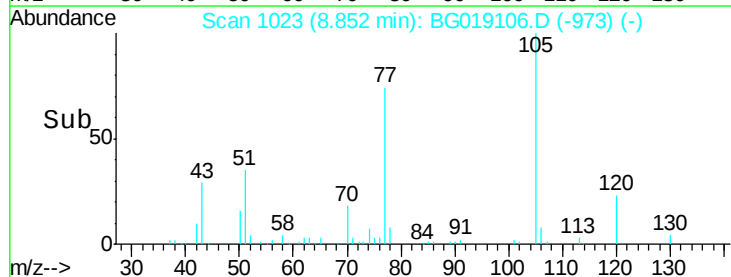


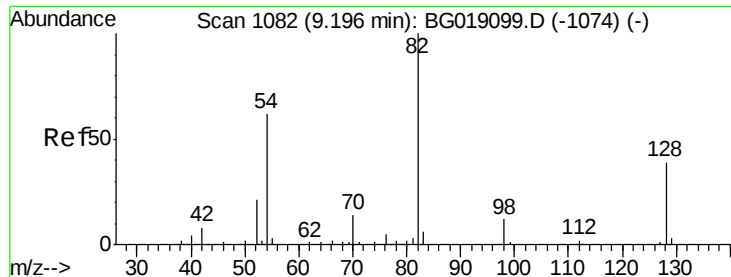
#22
Acetophenone
Concen: 41.61 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:105	Resp:	80410
Ion Ratio	Lower	Upper
105	100	
71	3.1	2.2 3.2
51	37.9	29.2 43.8
120	22.7	16.6 24.8



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

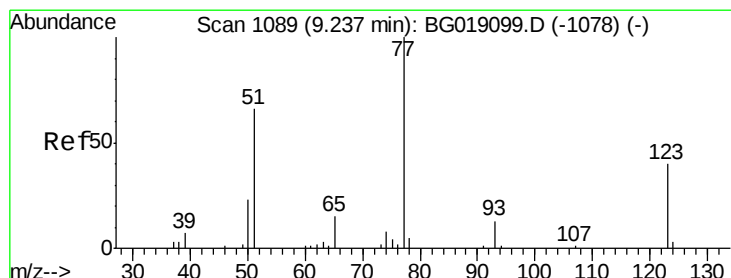
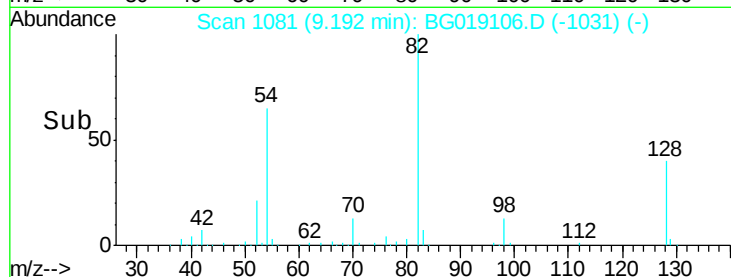
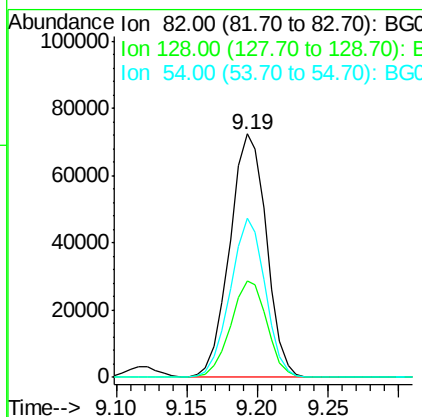
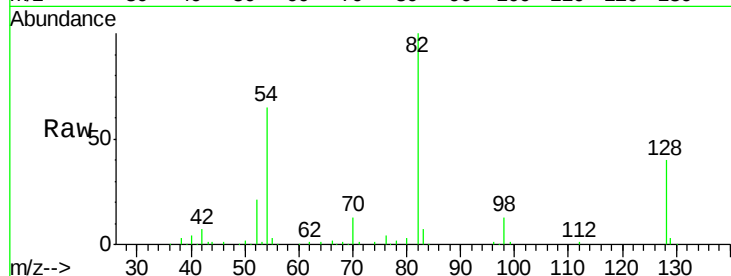




#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

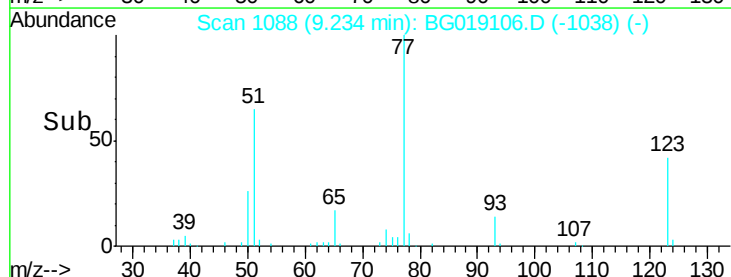
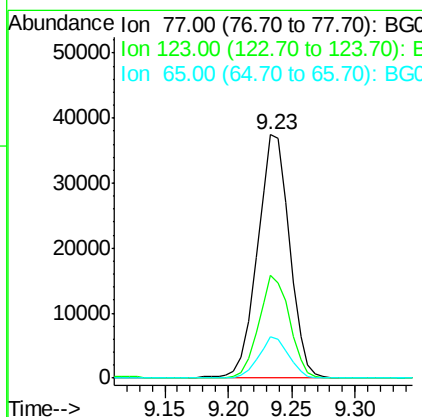
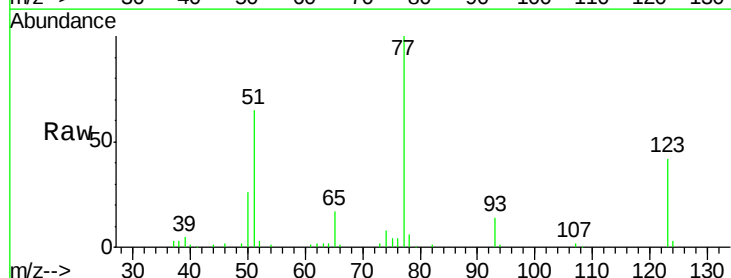
Instrument :
 BNA_G
 ClientSampleId :

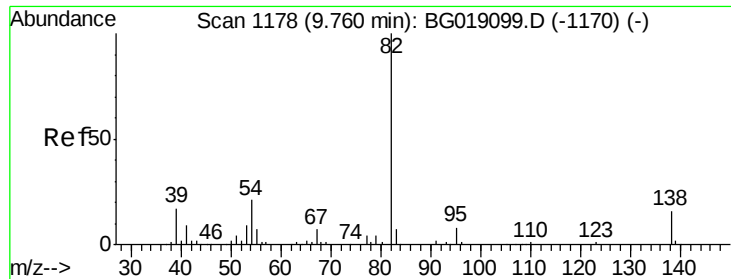
Tot Ion	82	Resp	130832
Ion Ratio	Lower	Upper	
82	100		
128	39.7	31.4	47.2
54	65.2	50.0	75.0



#24
 Nitrobenzene
 Concen: 41.53 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	77	Resp	65899
Ion Ratio	Lower	Upper	
77	100		
123	42.5	31.8	47.6
65	16.8	11.8	17.6





#25

Isophorone

Concen: 40.02 ng

RT: 9.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

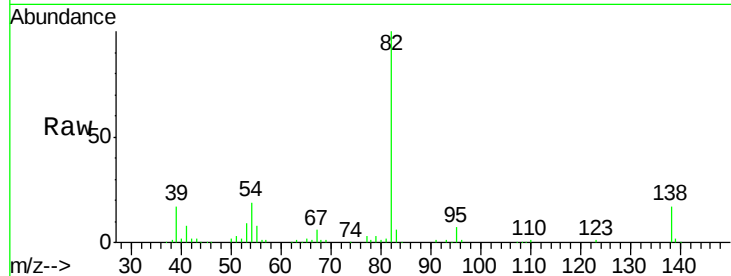
Tot Ion: 82 Resp: 121759

Ion Ratio Lower Upper

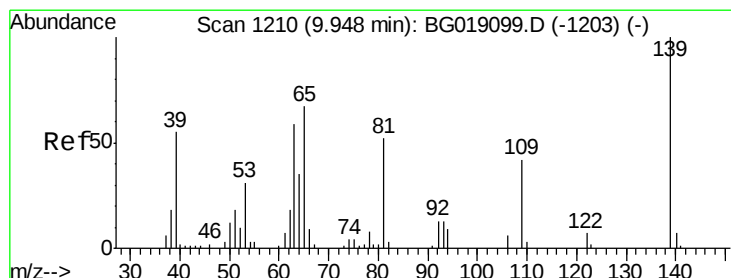
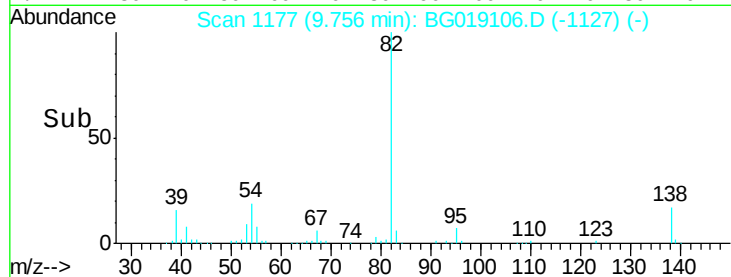
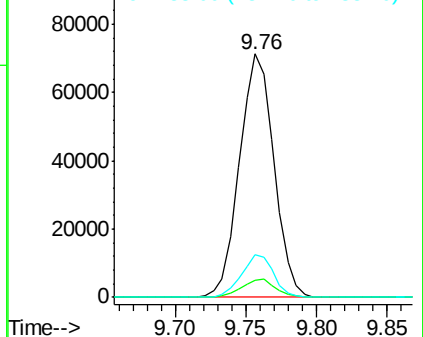
82 100

95 7.2 6.7 10.1

138 17.3 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.24 ng

RT: 9.95 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

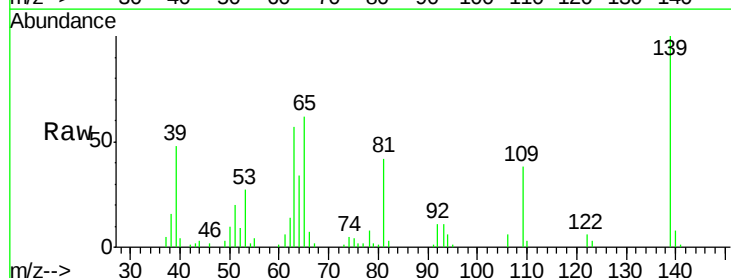
Tgt Ion: 139 Resp: 29256

Ion Ratio Lower Upper

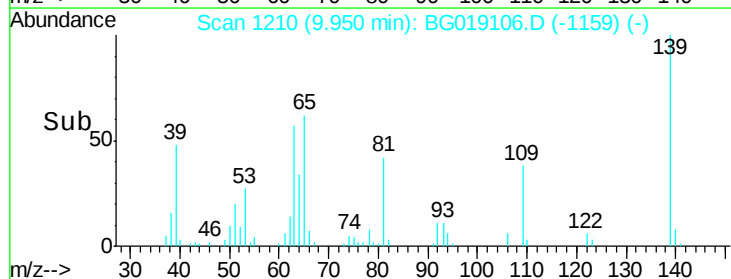
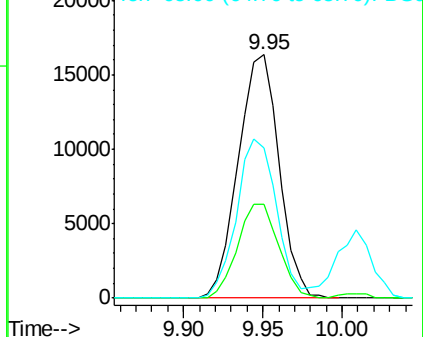
139 100

109 38.5 33.3 49.9

65 61.9 53.6 80.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

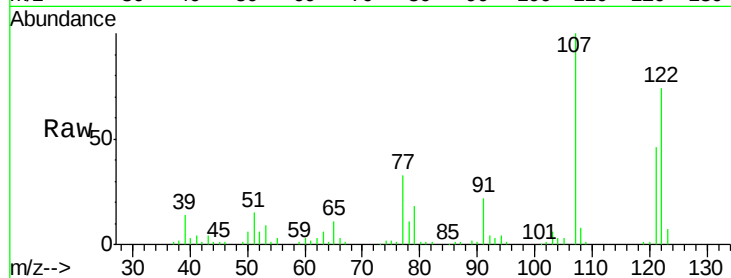




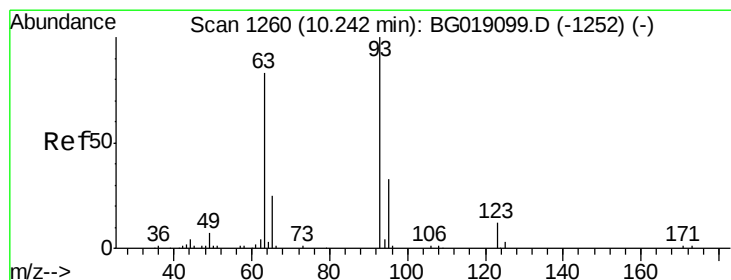
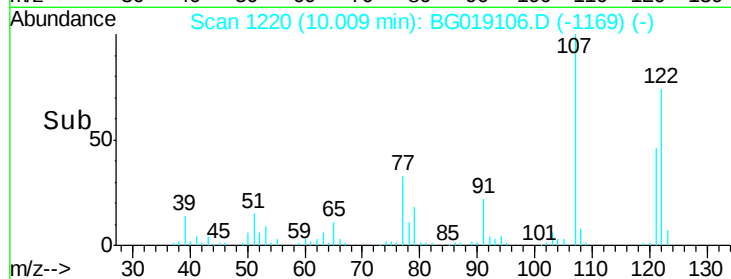
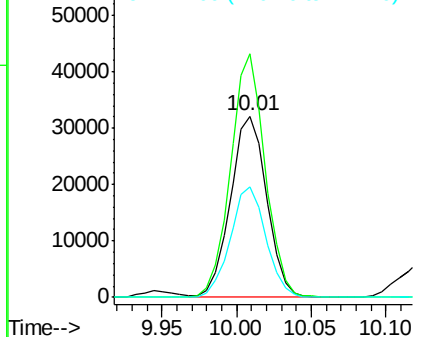
#27
 2,4-Dimethylphenol
 Concen: 45.97 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 54348
 Ion Ratio Lower Upper
 122 100
 107 134.5 105.1 157.7
 121 61.4 48.7 73.1

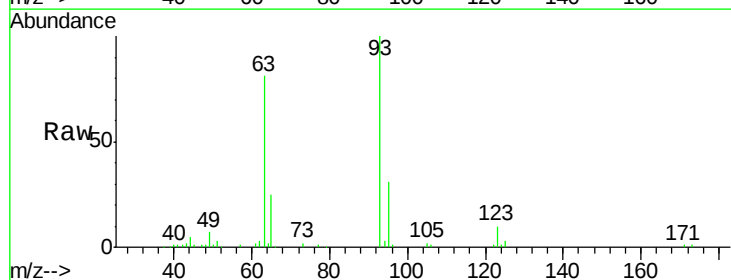


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

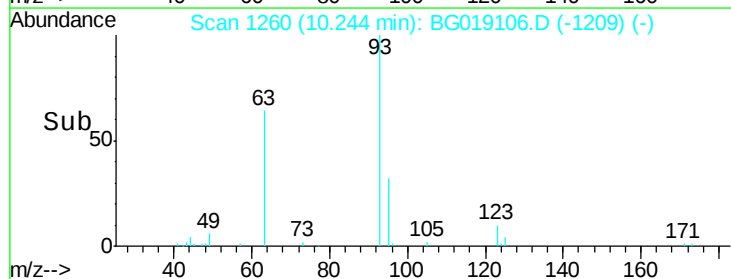
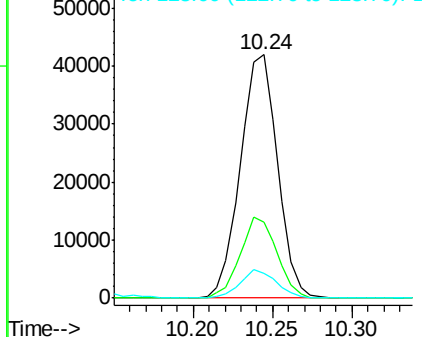


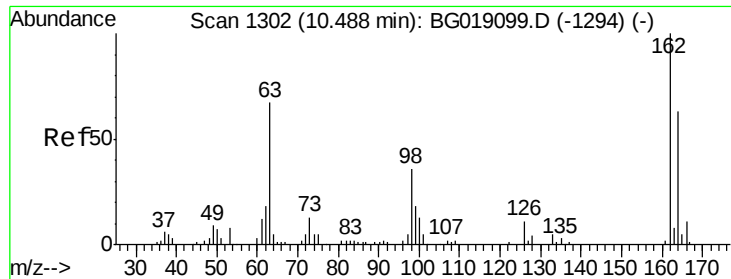
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.04 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion: 93 Resp: 68245
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.5 39.7
 123 10.3 9.4 14.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

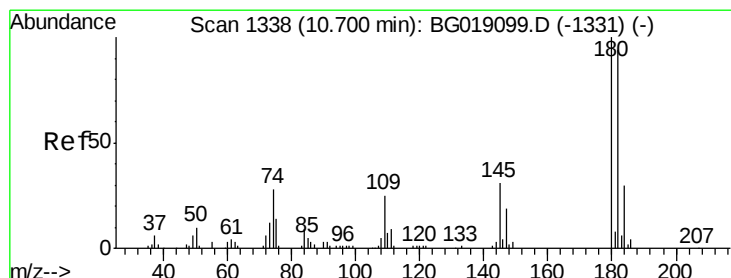
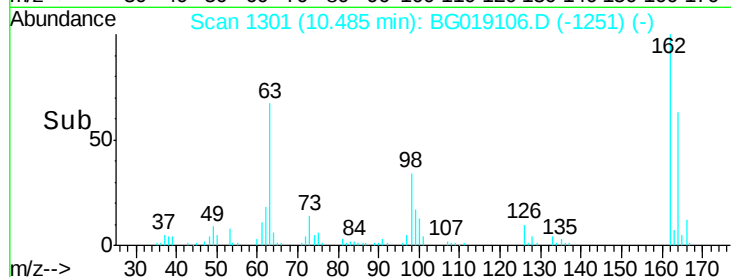
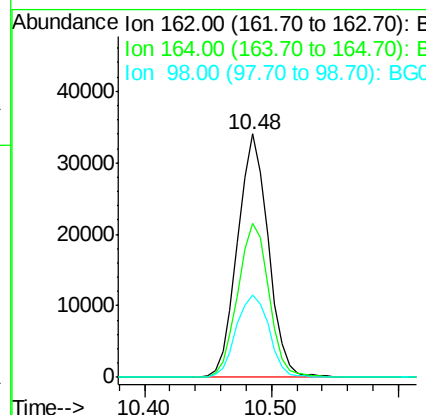
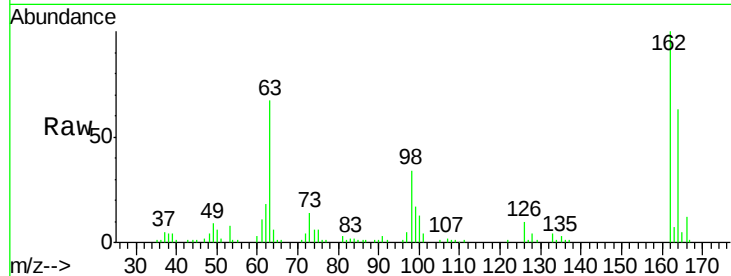




#29
 2,4-Dichlorophenol
 Concen: 45.98 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

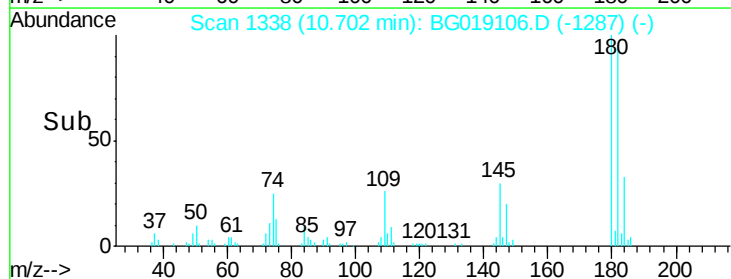
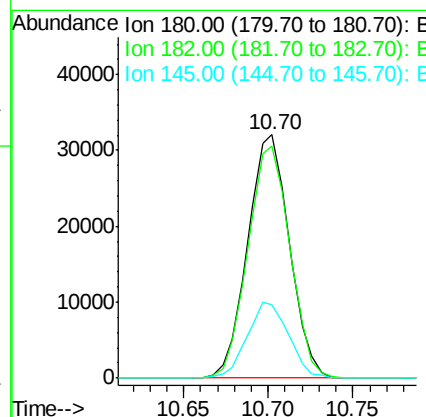
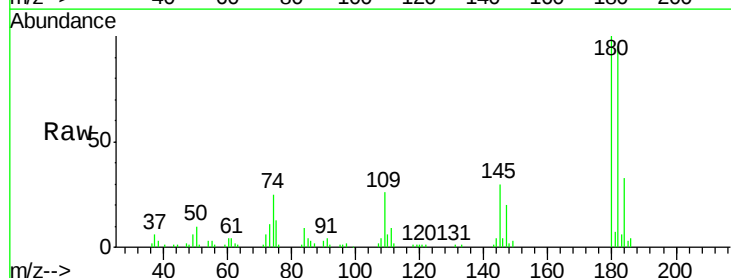
Instrument :
 BNA_G
 ClientSampleId :

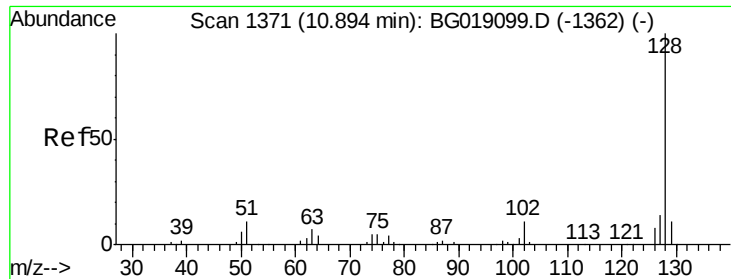
Tot Ion:162 Resp: 56996
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.8 82.8
 98 33.9 16.1 56.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.34 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:180 Resp: 54999
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.3 112.9
 145 30.3 24.9 37.3

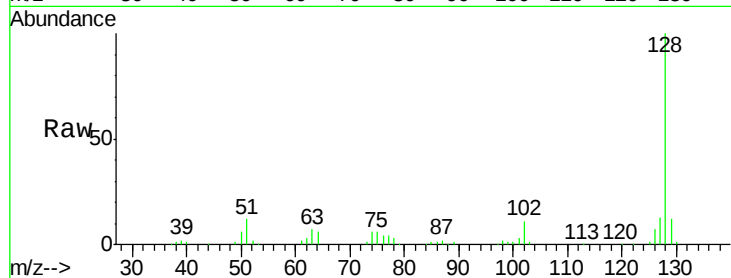




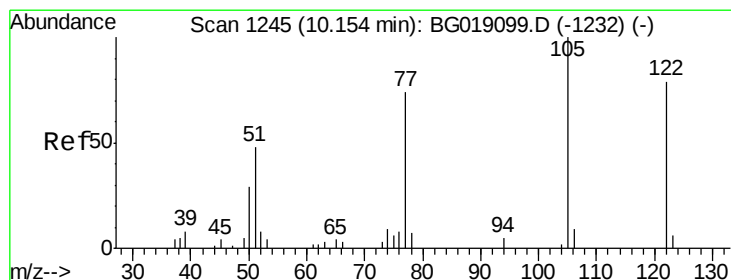
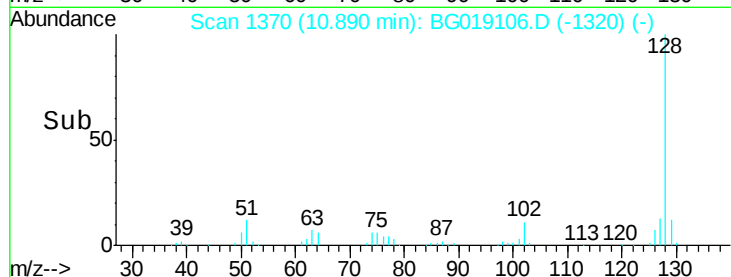
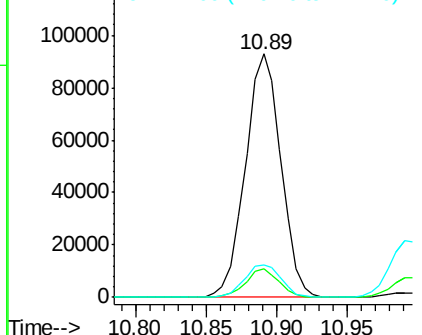
#31
Naphthalene
Concen: 41.25 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 164059
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.1 11.4 17.0

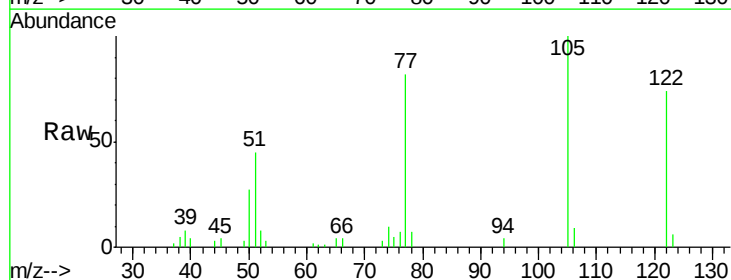


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

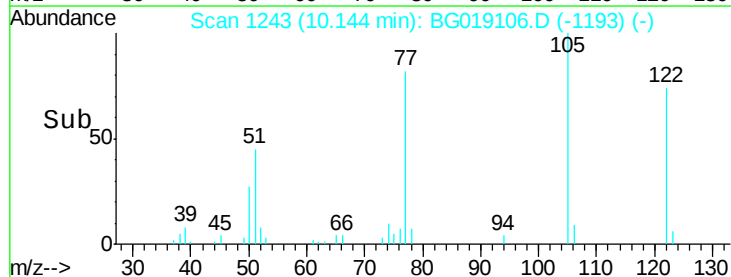
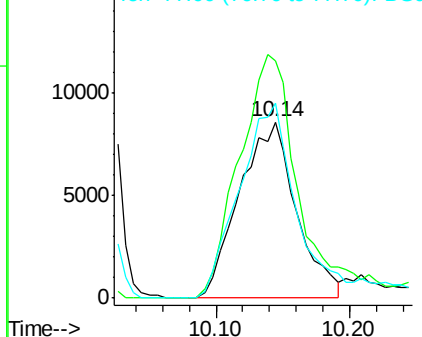


#32
Benzoic acid
Concen: 36.91 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:122 Resp: 25520
Ion Ratio Lower Upper
122 100
105 134.9 107.0 147.0
77 110.4 73.4 113.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

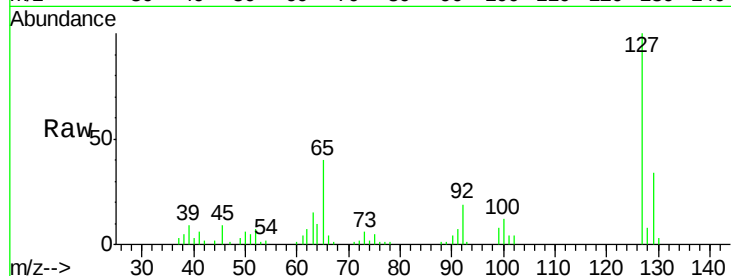




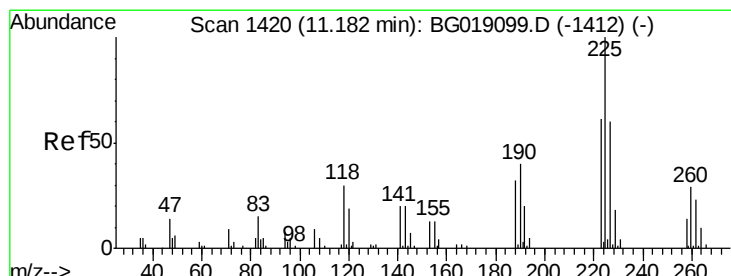
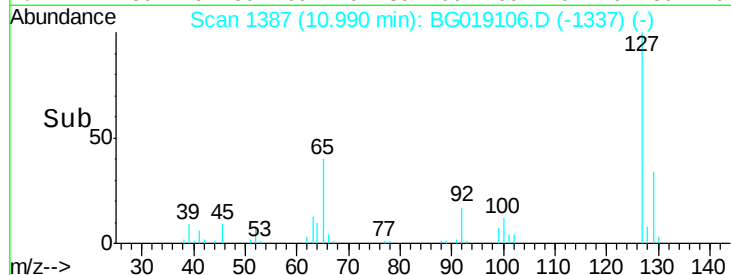
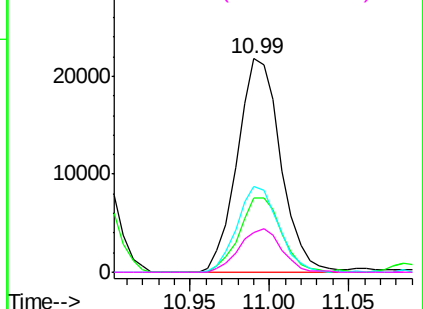
#33
4-Chloroaniline
Concen: 22.36 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	41325
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.2	39.2
65	40.0	30.4	45.6
92	18.8	16.9	25.3

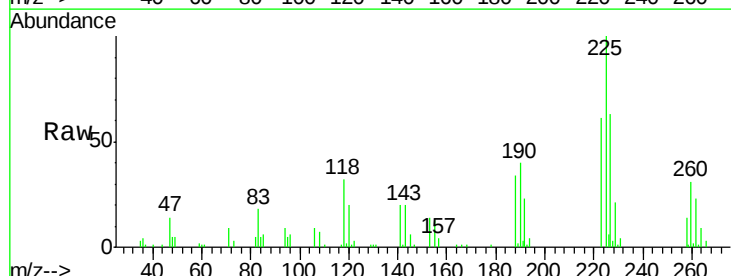


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

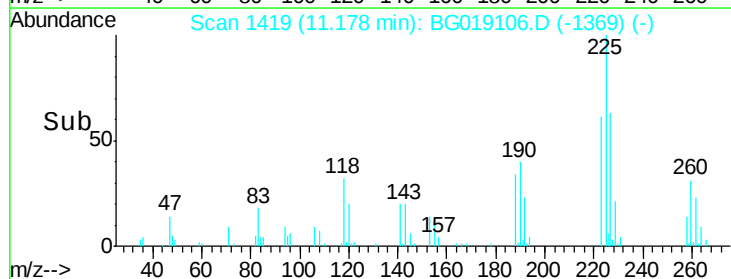
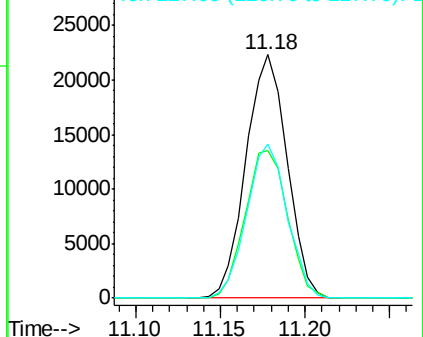


#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:	225	Resp:	37832
Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.6	72.8
227	63.3	48.1	72.1



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: 22.65 ng

RT: 11.76 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

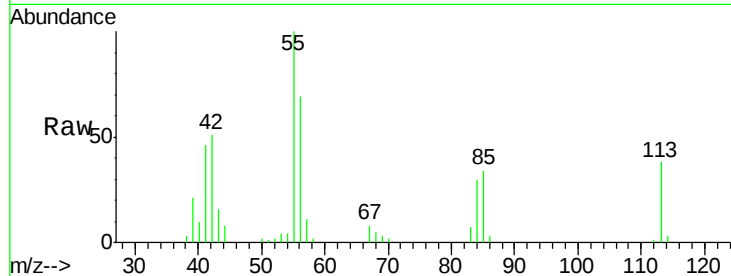
Tot Ion:113 Resp: 10343

Ion Ratio Lower Upper

113 100

55 260.0 263.4 303.4#

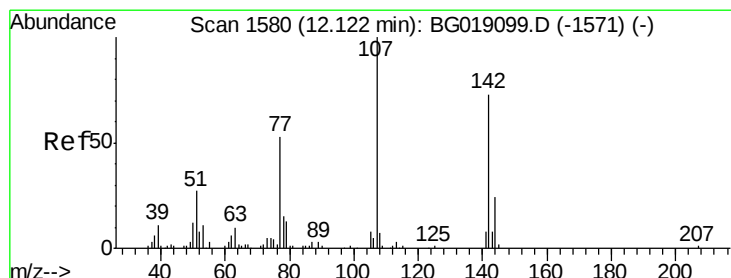
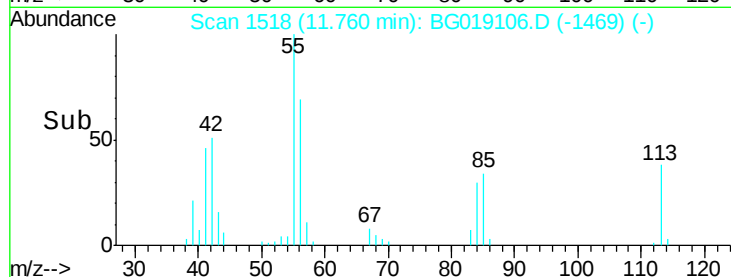
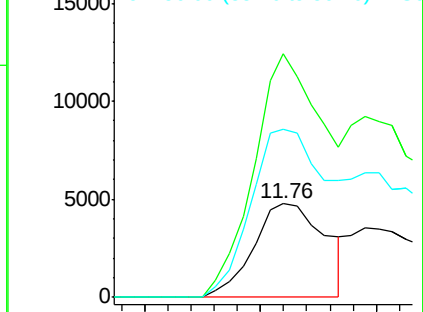
56 179.8 179.0 219.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019099.D (-1512) (-)

Ion 56.00 (55.70 to 56.70): BG019099.D (-1512) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.32 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

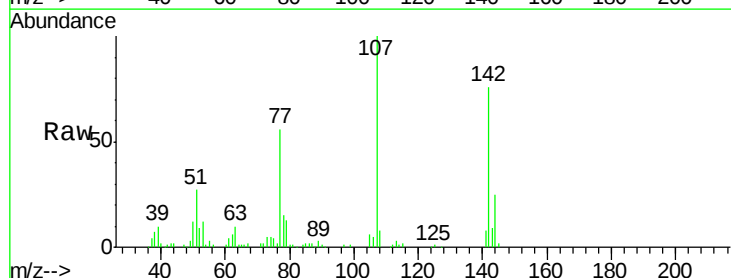
Tgt Ion:107 Resp: 71392

Ion Ratio Lower Upper

107 100

144 24.7 19.0 28.6

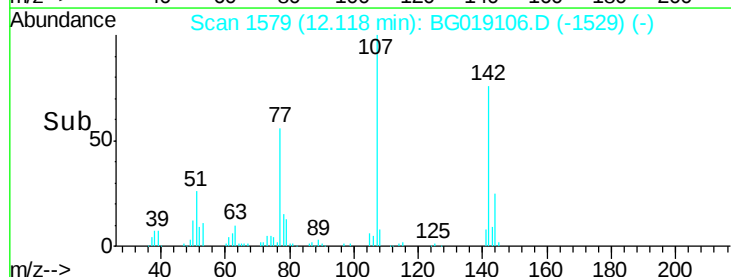
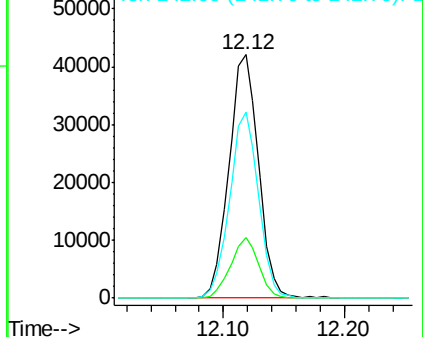
142 76.3 58.5 87.7

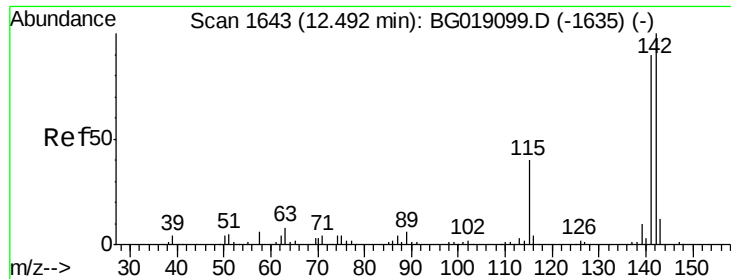


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

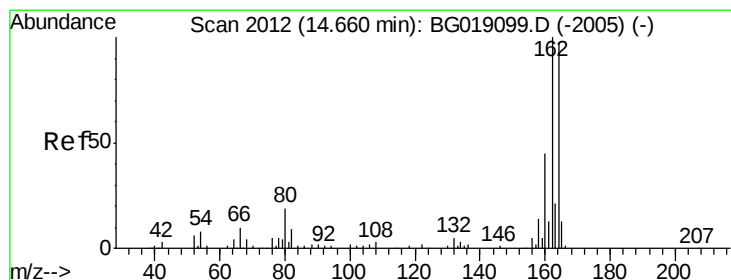
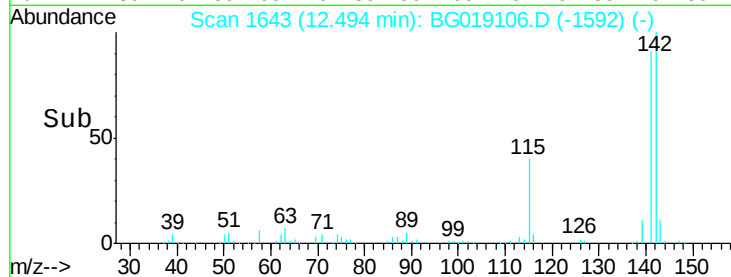
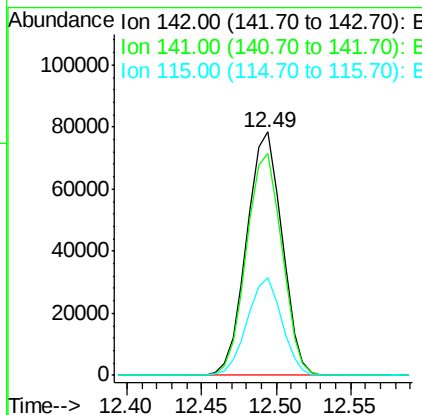
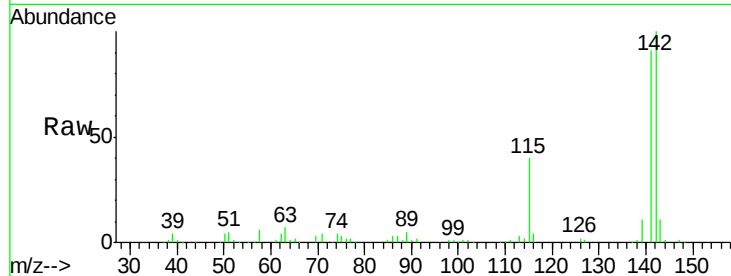




#37
2-Methylnaphthalene
Concen: 41.58 ng
RT: 12.49 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

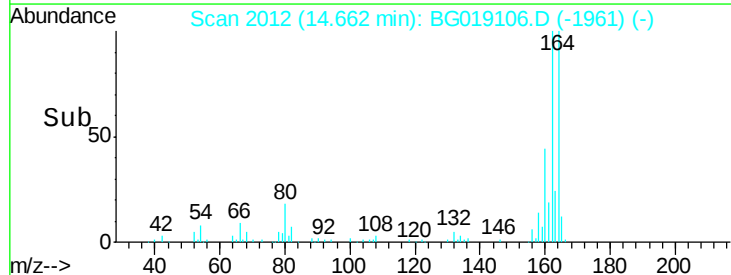
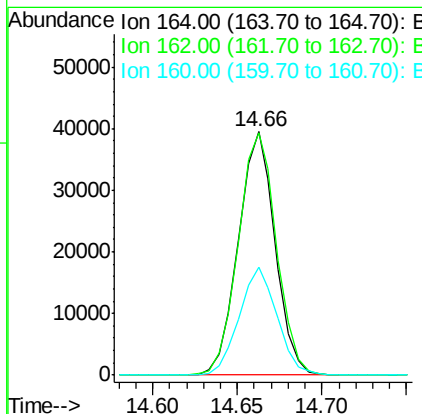
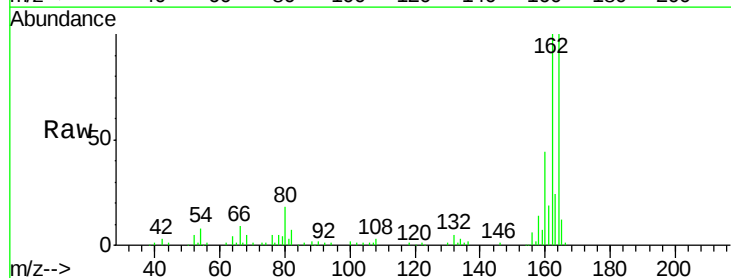
Instrument :
BNA_G
ClientSampled :

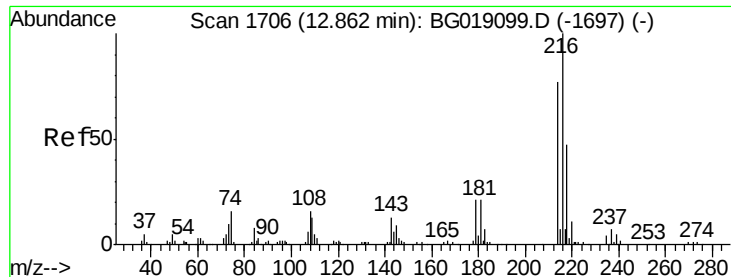
Tot Ion:142 Resp: 128480
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
115 40.0 31.8 47.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:164 Resp: 59534
Ion Ratio Lower Upper
164 100
162 99.5 82.6 124.0
160 44.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.57 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 67712

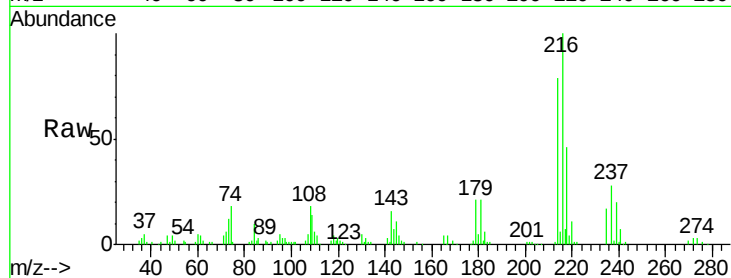
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.0	96.0
179	21.9	16.9	25.3
108	21.7	14.7	22.1

216 100

214 79.1 64.0 96.0

179 21.9 16.9 25.3

108 21.7 14.7 22.1

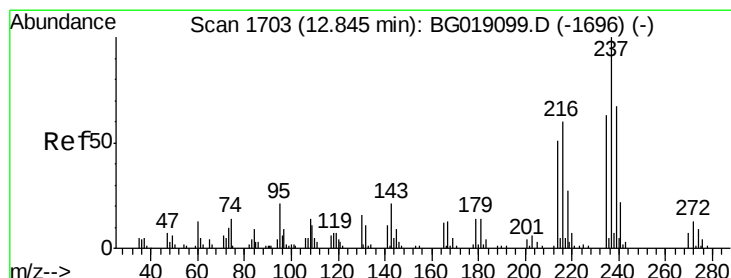
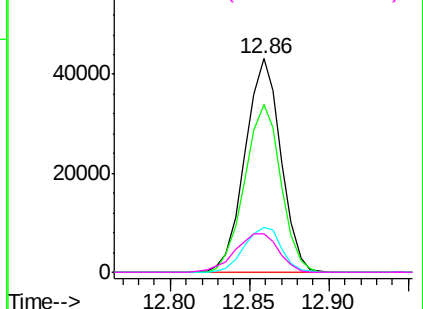
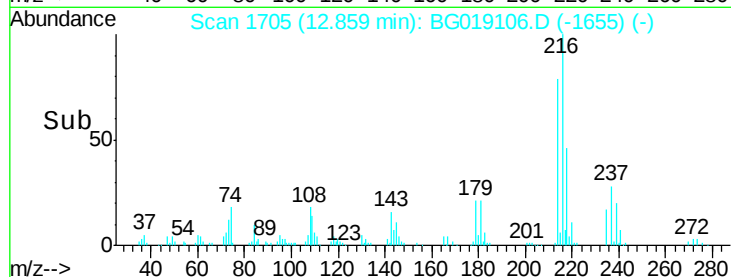


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.63 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

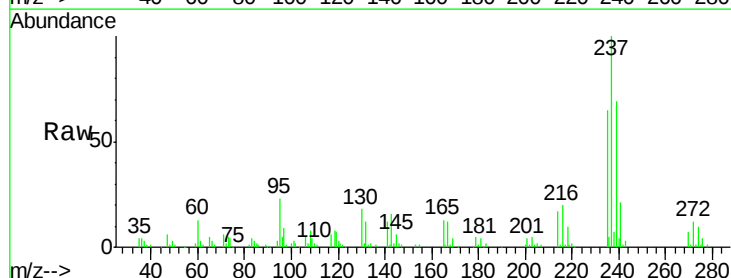
Tgt Ion:237 Resp: 84227

Ion	Ratio	Lower	Upper
237	100		
235	64.5	43.2	83.2
272	11.7	0.0	33.2

237 100

235 64.5 43.2 83.2

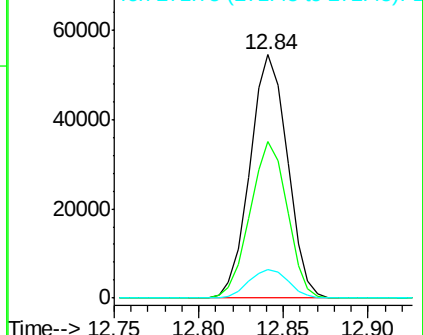
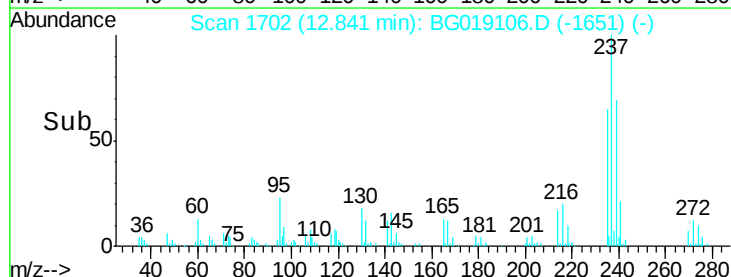
272 11.7 0.0 33.2

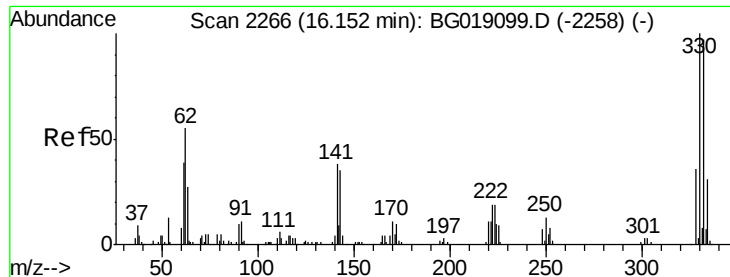


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

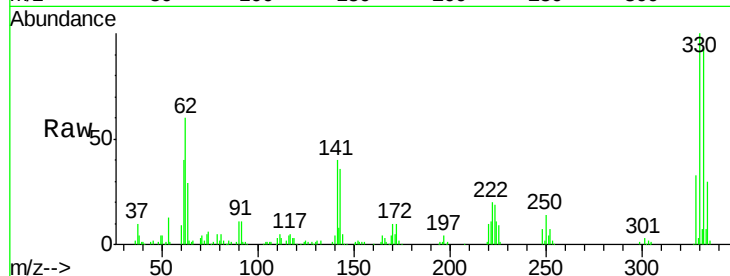




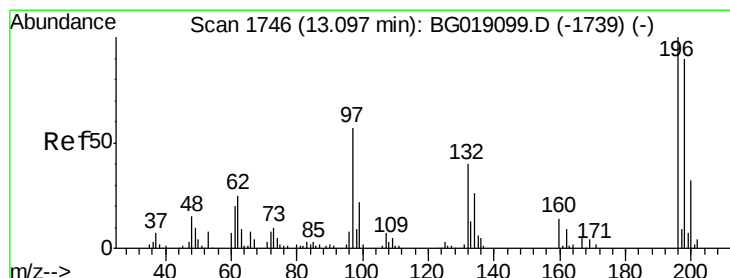
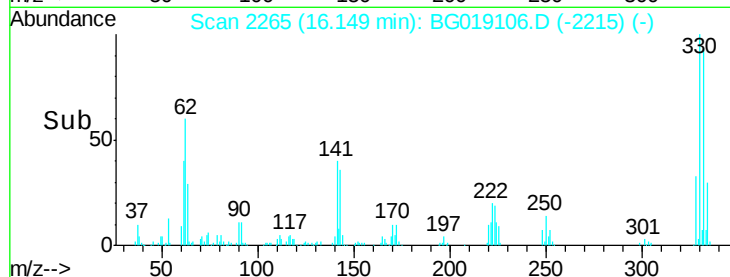
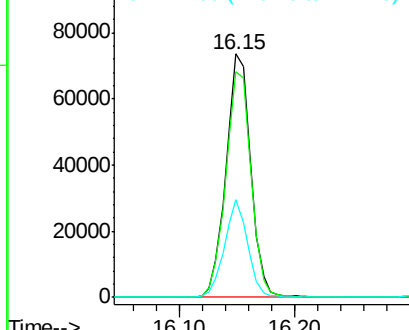
#41
 2,4,6-Tribromophenol
 Concen: 134.30 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	37.5	30.7	46.1

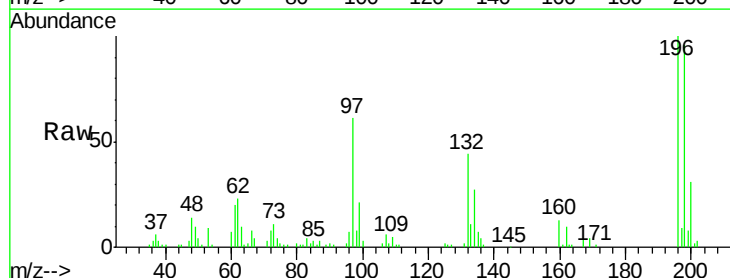


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

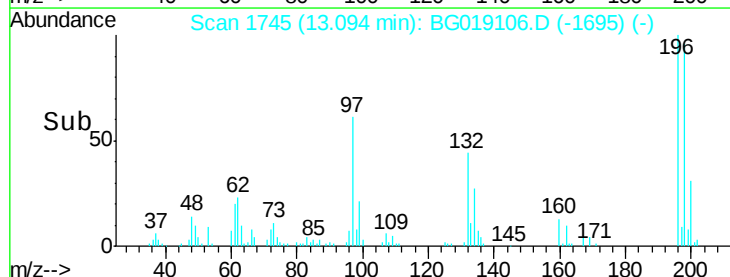
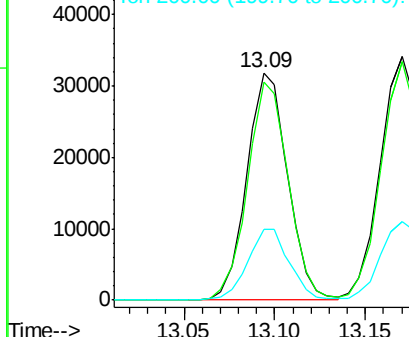


#42
 2,4,6-Trichlorophenol
 Concen: 41.85 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	72.0	108.0
200	31.3	25.5	38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

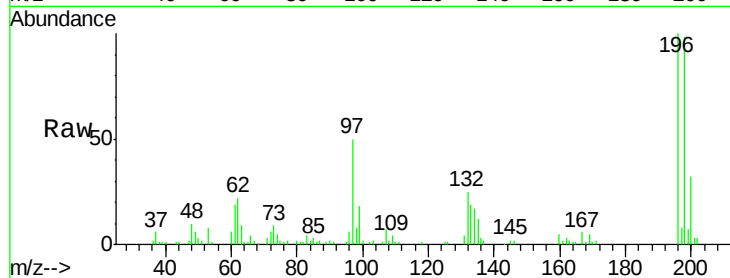




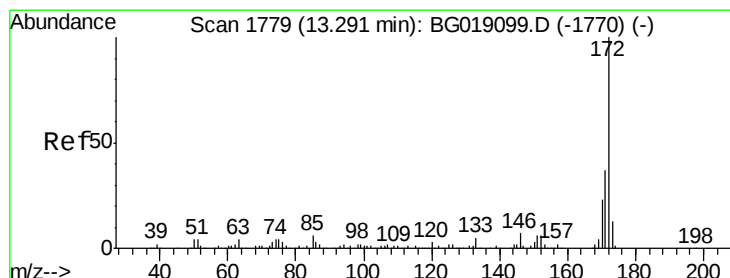
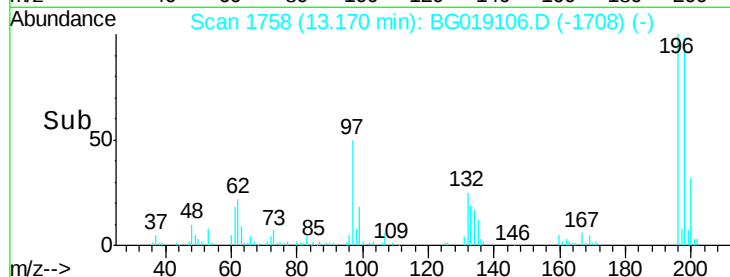
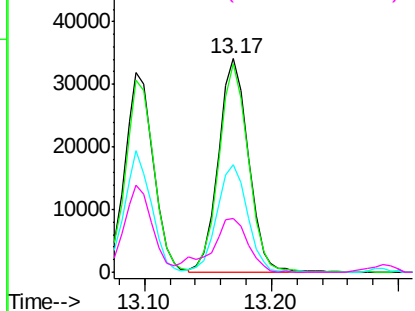
#43
 2,4,5-Trichlorophenol
 Concen: 44.38 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 56174
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.7 116.5
 97 50.3 41.4 62.2
 132 25.3 20.6 30.8

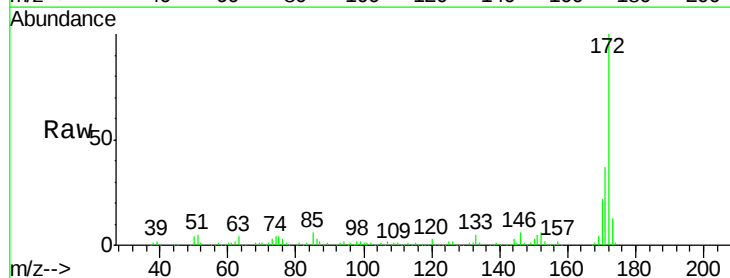


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

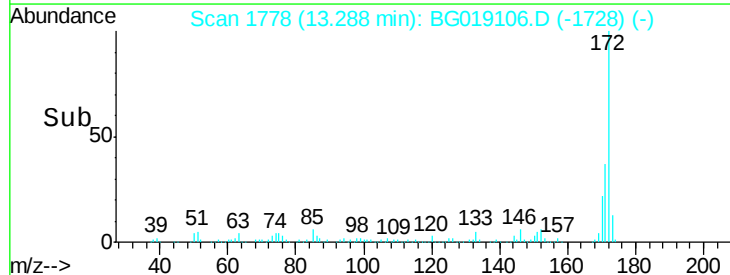
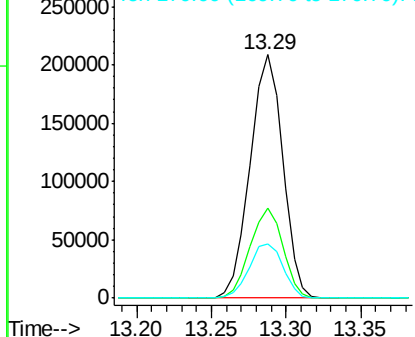


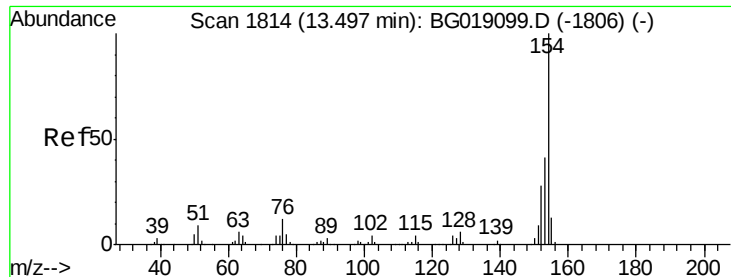
#44
 2-Fluorobiphenyl
 Concen: 81.27 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:172 Resp: 314659
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 22.1 18.6 27.8



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

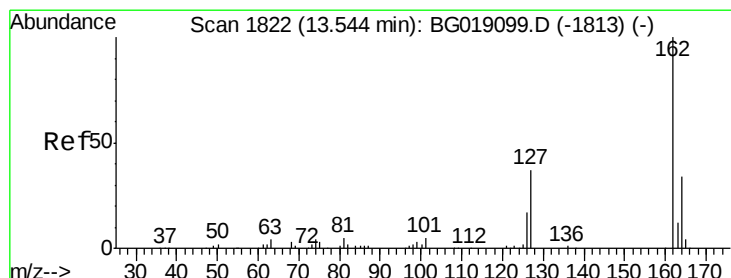
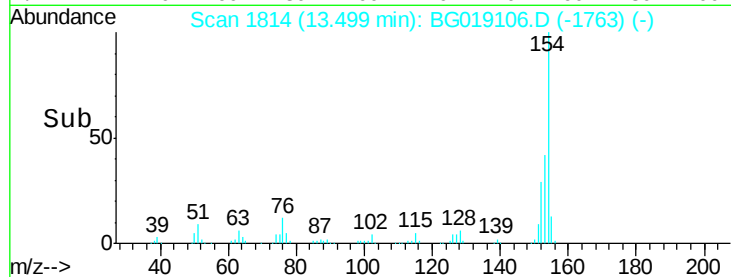
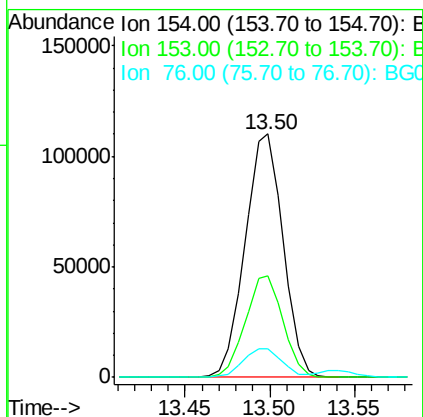
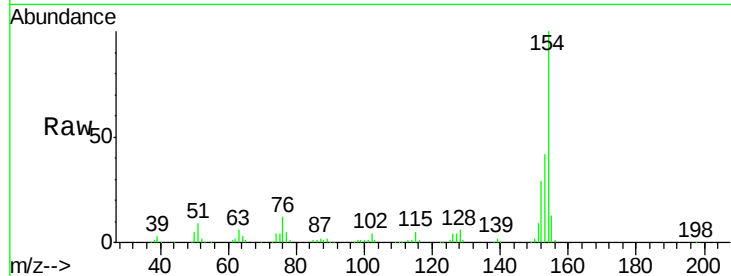




#45
 1,1'-Biphenyl
 Concen: 39.67 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

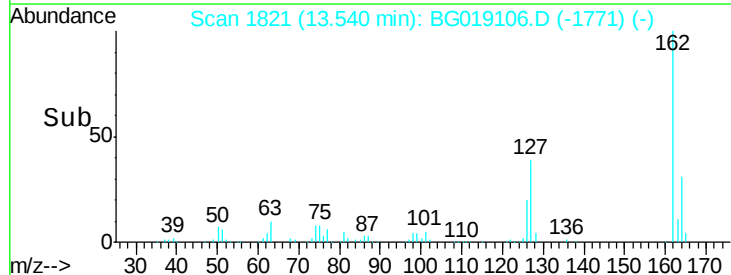
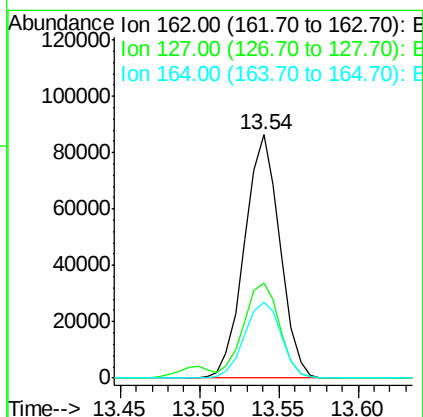
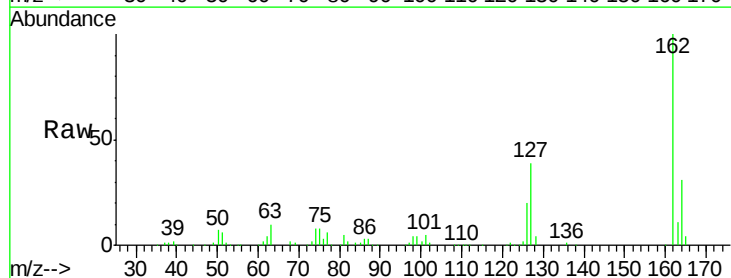
Instrument :
 BNA_G
 ClientSampled :

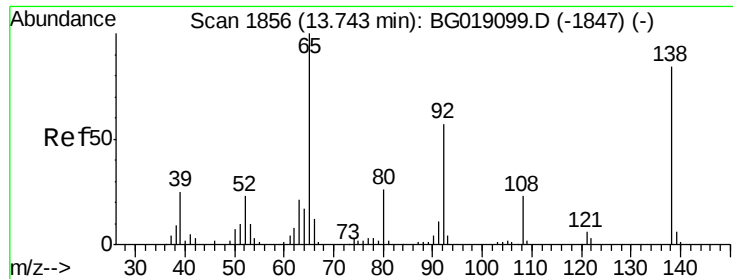
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.6	60.6
76	11.8	0.0	32.2



#46
 2-Chloronaphthalene
 Concen: 40.24 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	31.2	27.3	40.9

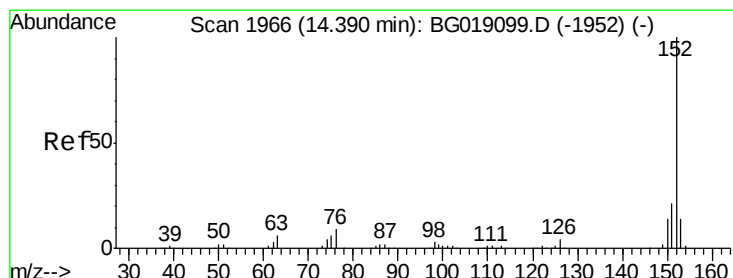
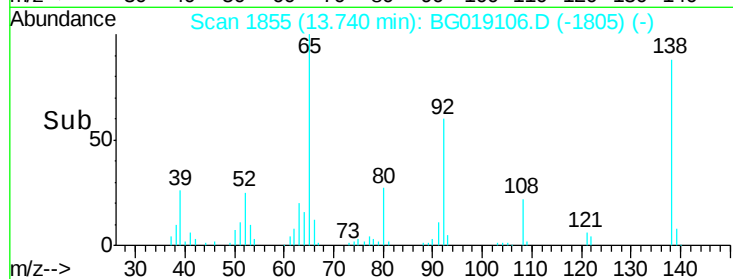
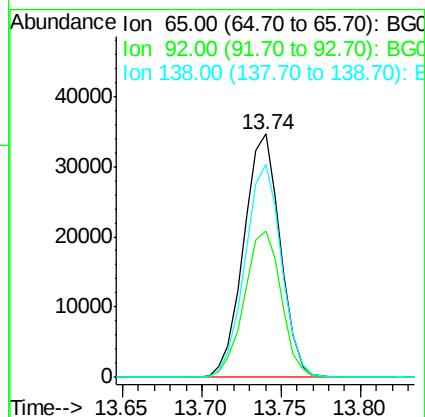
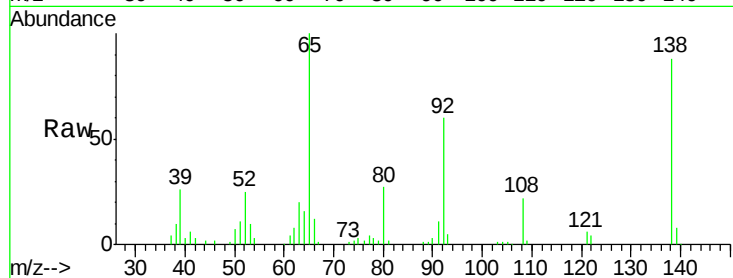




#47
2-Nitroaniline
Concen: 41.49 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

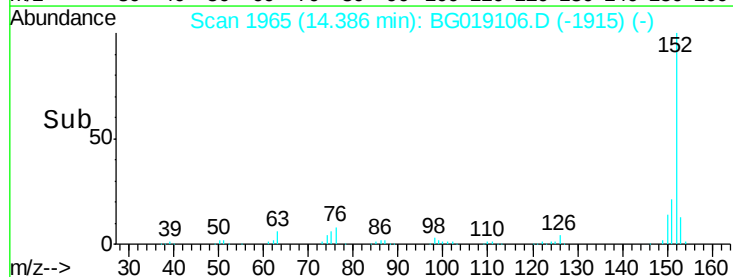
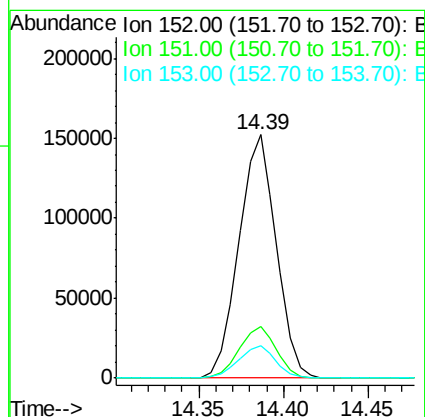
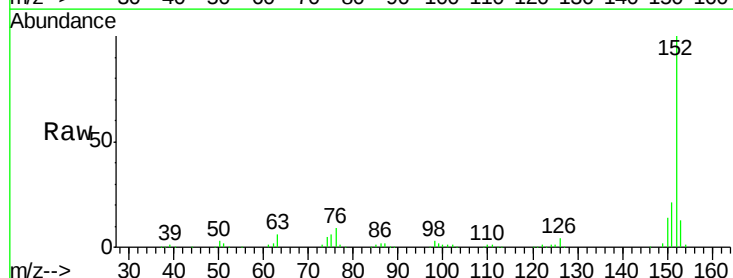
Instrument :
BNA_G
ClientSampleId :

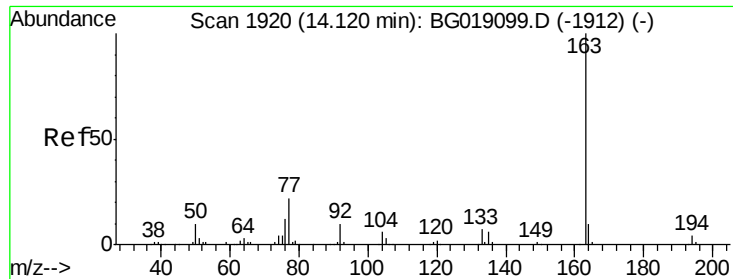
Tot Ion: 65 Resp: 55425
Ion Ratio Lower Upper
65 100
92 60.1 45.8 68.8
138 87.5 66.9 100.3



#48
Acenaphthylene
Concen: 39.79 ng
RT: 14.39 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion: 152 Resp: 233423
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 13.2 11.0 16.4





#49

Dimethylphthalate

Concen: 41.20 ng

RT: 14.12 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

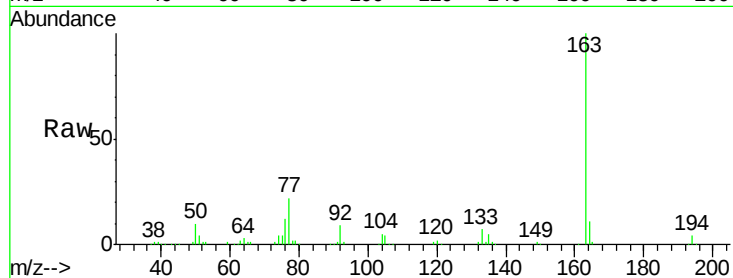
Tot Ion:163 Resp: 193711

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

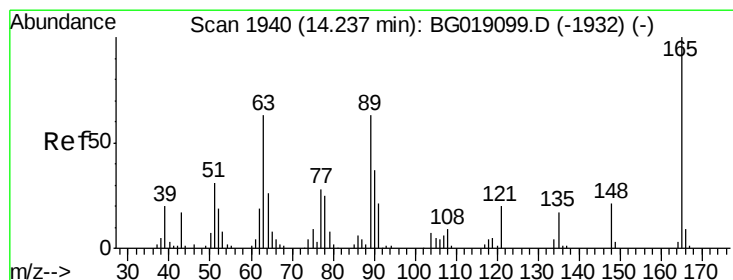
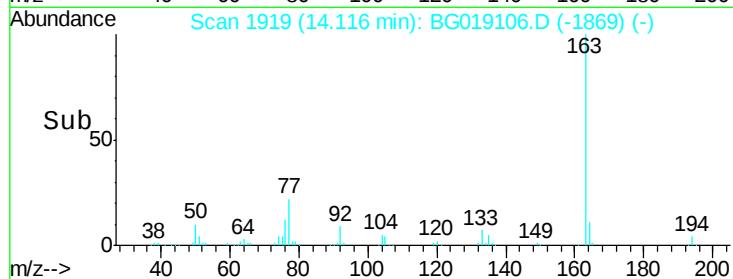
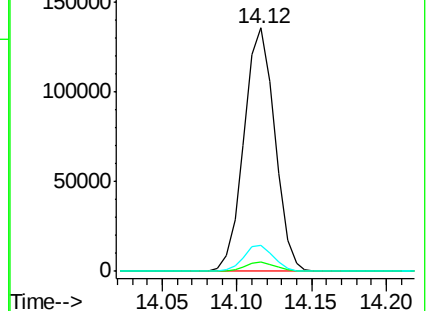
164 10.7 8.1 12.1



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: 42.35 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

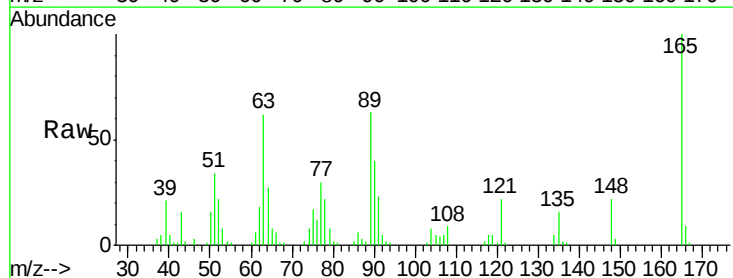
Tgt Ion:165 Resp: 42542

Ion Ratio Lower Upper

165 100

63 61.5 52.6 78.8

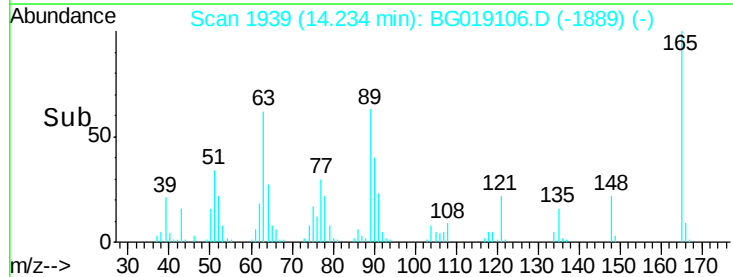
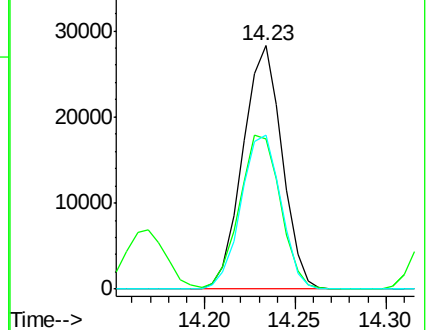
89 63.1 50.6 76.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.39 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampled :

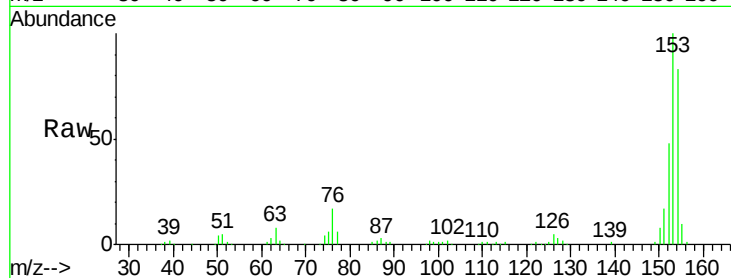
Tot Ion:154 Resp: 138973

Ion Ratio Lower Upper

154 100

153 119.8 93.4 140.2

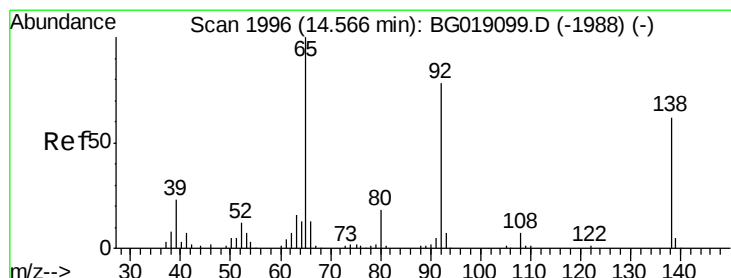
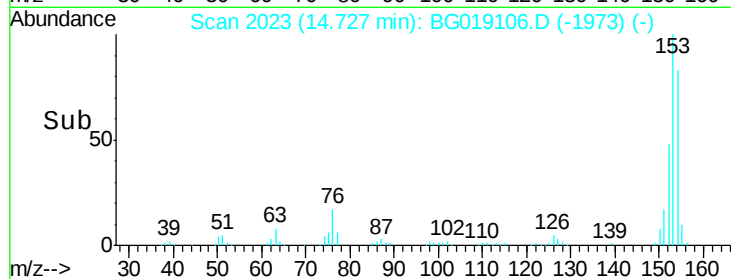
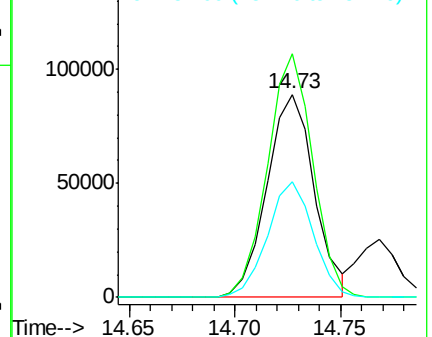
152 57.1 44.9 67.3



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: 28.26 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

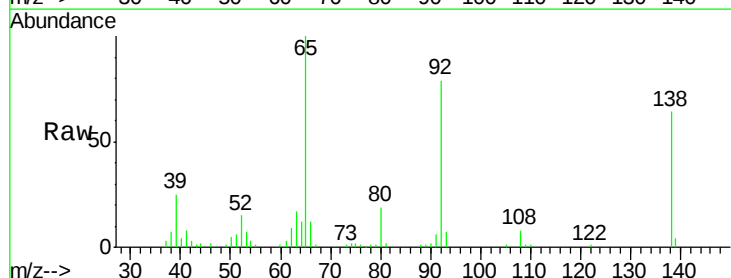
Tgt Ion:138 Resp: 31325

Ion Ratio Lower Upper

138 100

108 11.9 8.6 13.0

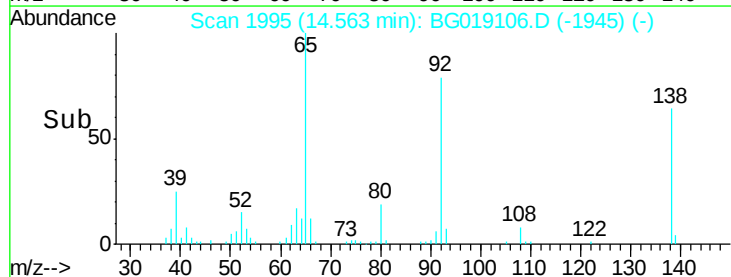
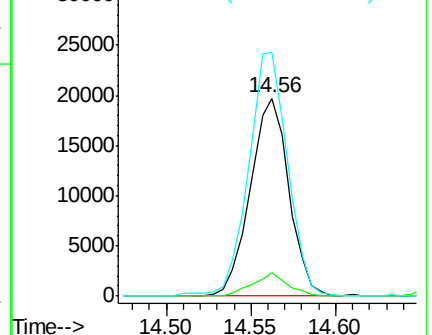
92 123.2 101.4 152.0

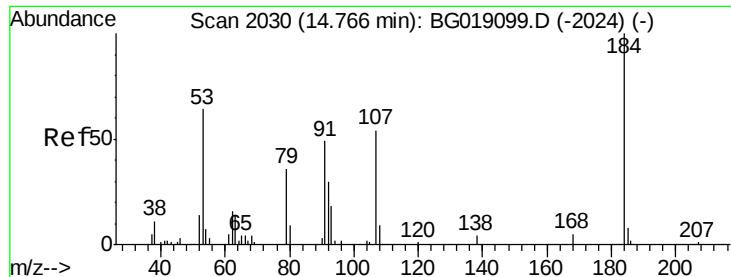


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

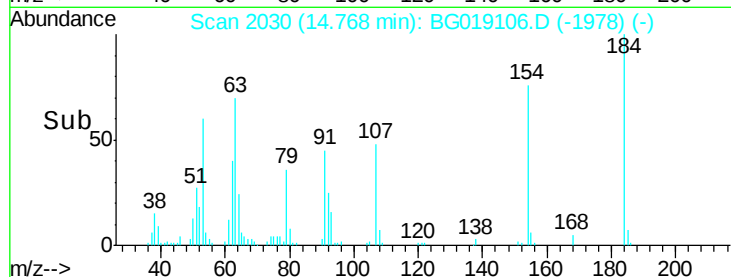
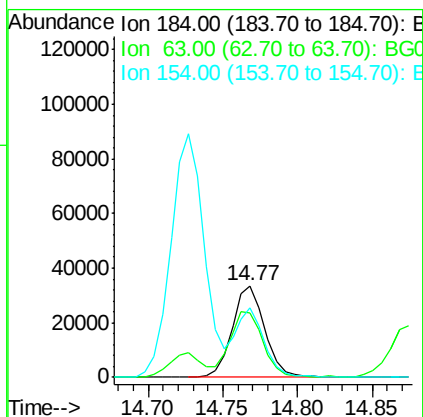
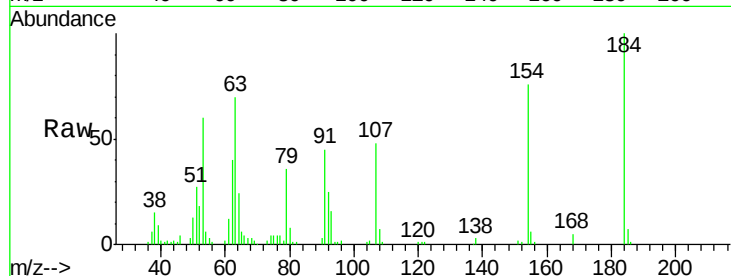




#53
2,4-Dinitrophenol
Concen: 84.42 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

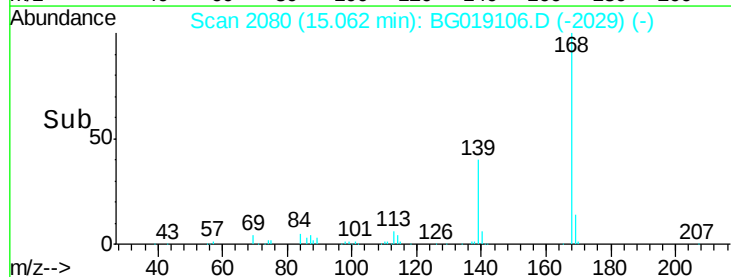
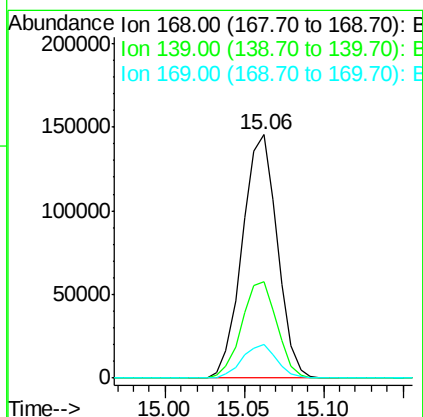
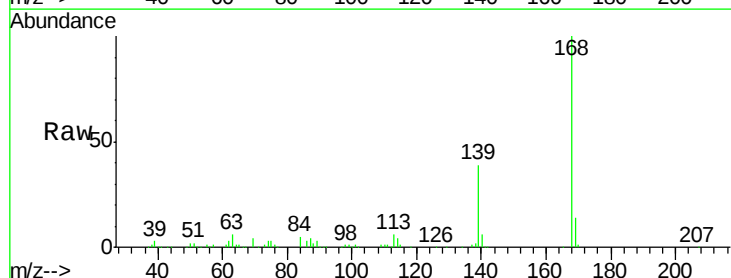
Instrument :
BNA_G
ClientSampled :

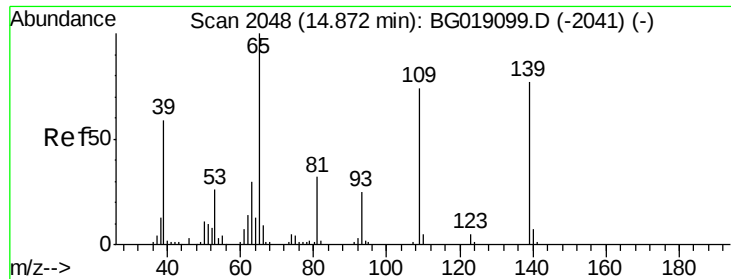
Tot Ion:184 Resp: 51147
Ion Ratio Lower Upper
184 100
63 70.3 67.5 101.3
154 76.3 62.4 93.6



#54
Dibenzofuran
Concen: 42.70 ng
RT: 15.06 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:168 Resp: 222592
Ion Ratio Lower Upper
168 100
139 39.4 34.2 51.4
169 13.9 11.4 17.0





#55

4-Nitrophenol

Concen: 92.46 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

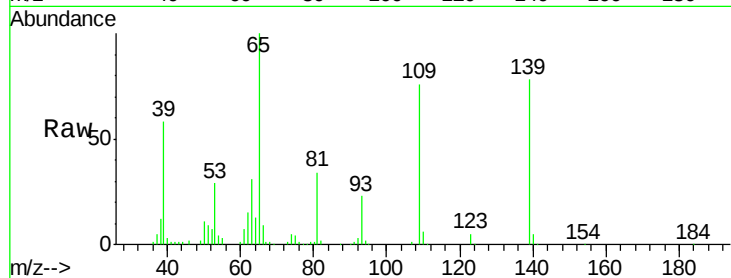
Tot Ion:139 Resp: 77556

Ion Ratio Lower Upper

139 100

109 97.7 76.8 116.8

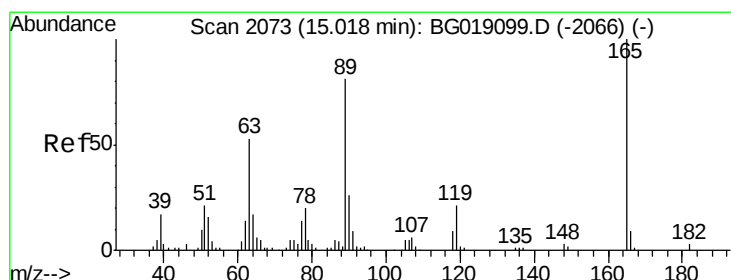
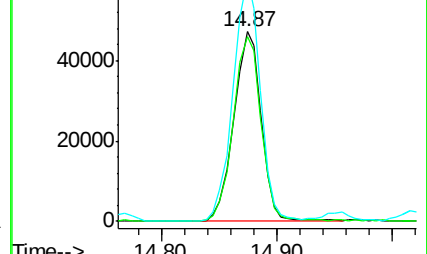
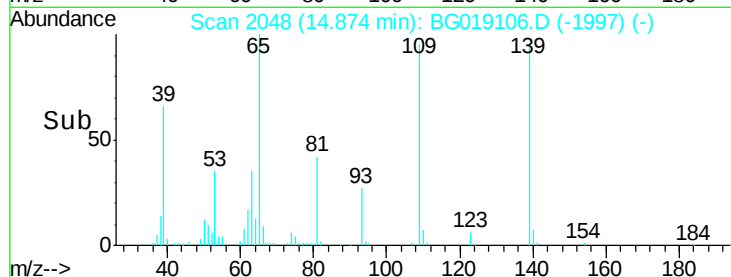
65 128.3 110.0 150.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 44.51 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Tgt Ion:165 Resp: 65005

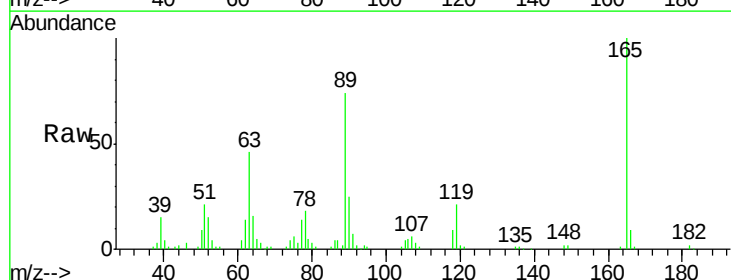
Ion Ratio Lower Upper

165 100

63 45.7 42.2 63.2

89 73.5 64.8 97.2

182 2.5 2.4 3.6

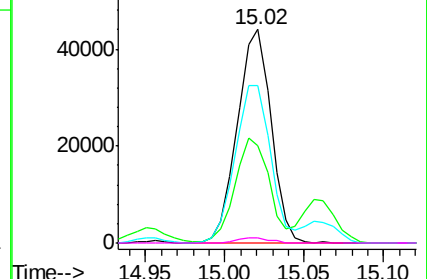
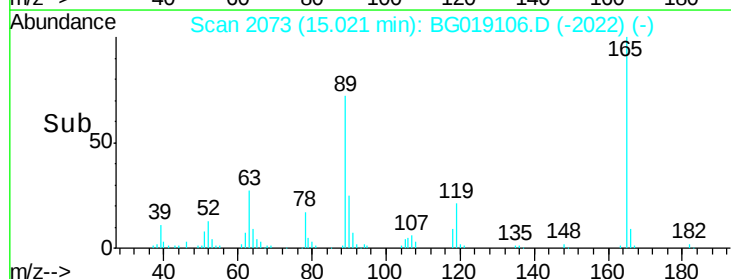


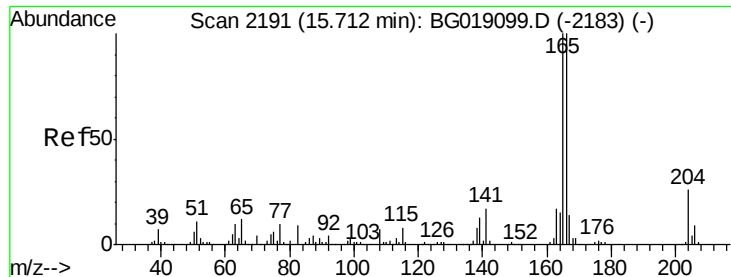
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

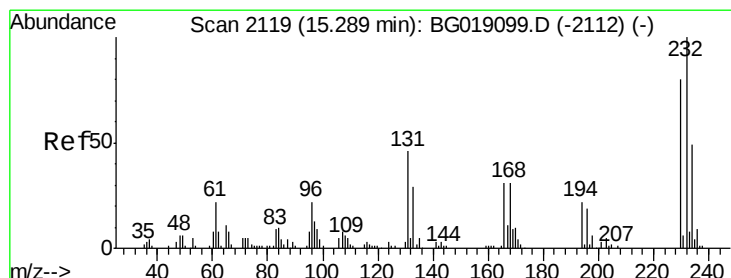
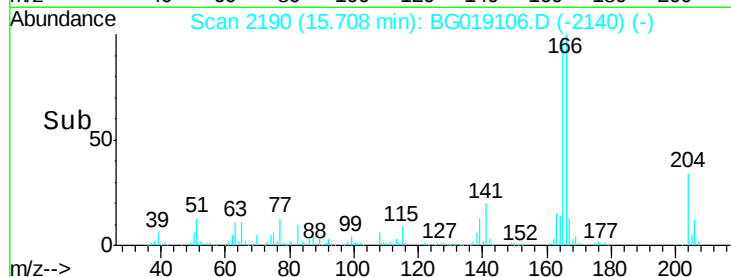
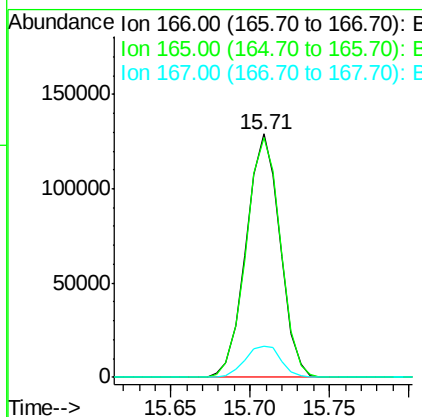
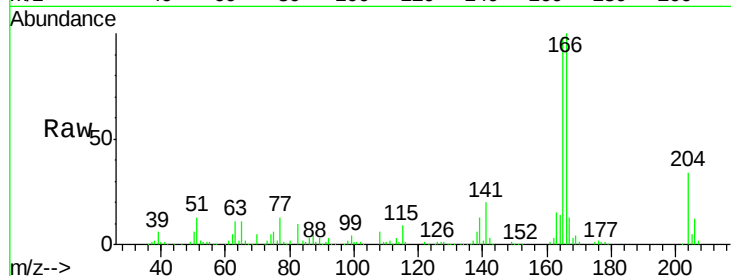




#57
 Fluorene
 Concen: 42.20 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

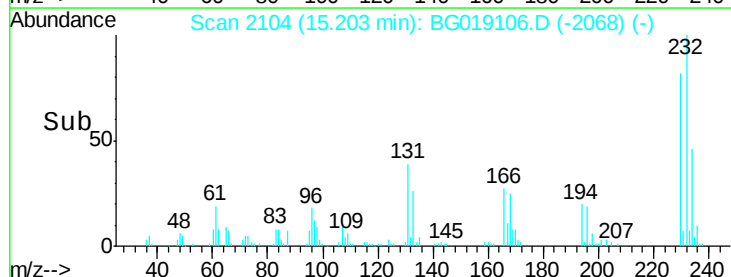
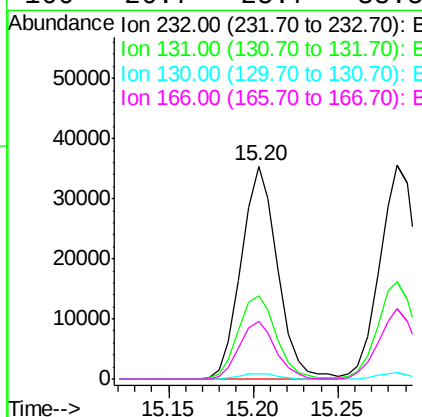
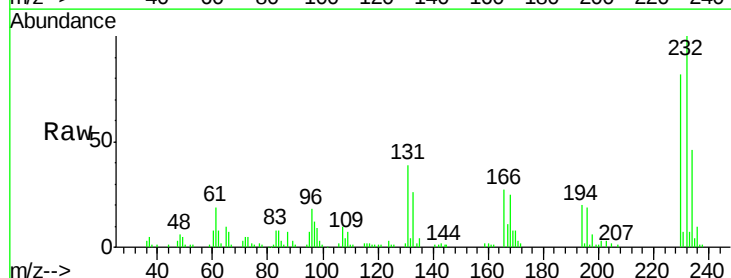
Instrument :
 BNA_G
 ClientSampleId :

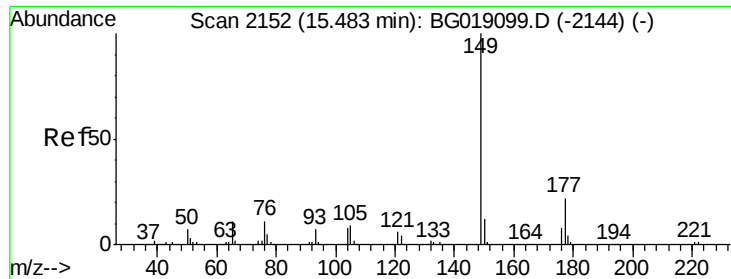
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.2	120.2
167	13.0	11.4	17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.19 ng
 RT: 15.20 min Scan# 2104
 Delta R.T. -0.09 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	36.5	54.7
130	2.6	2.3	3.5
166	26.7	25.7	38.5

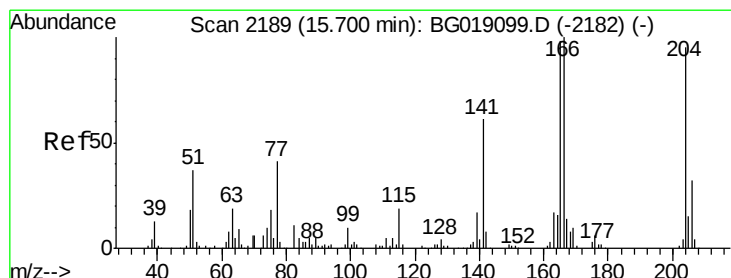
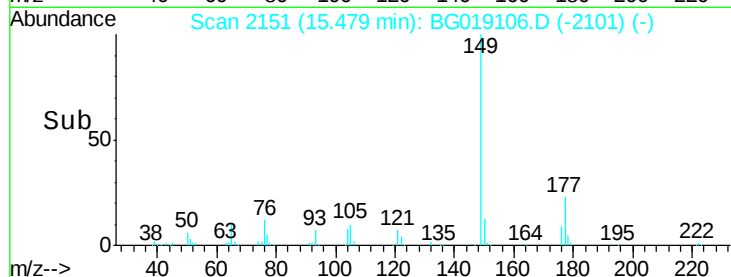
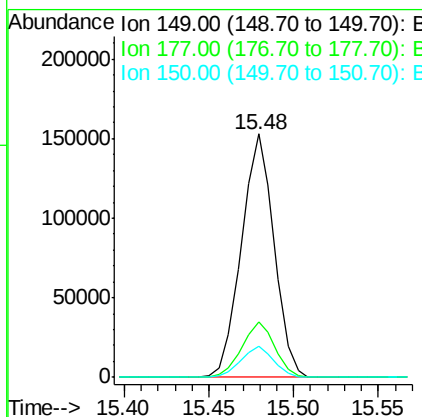
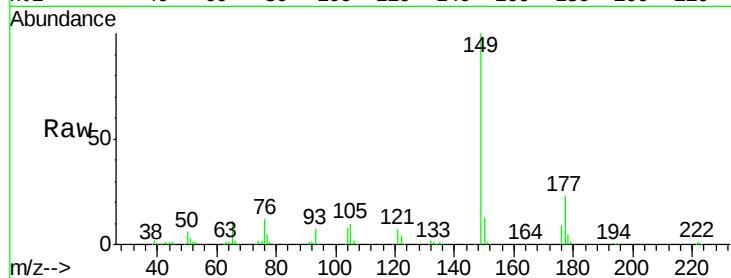




#59
Diethylphthalate
Concen: 42.11 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

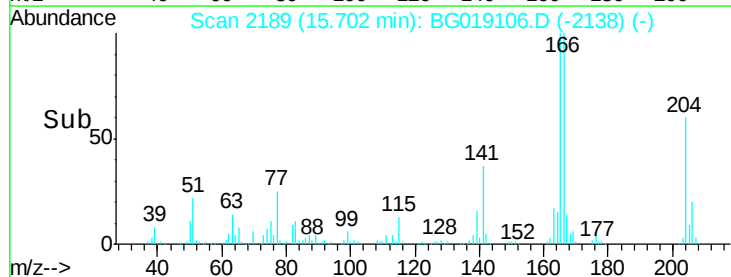
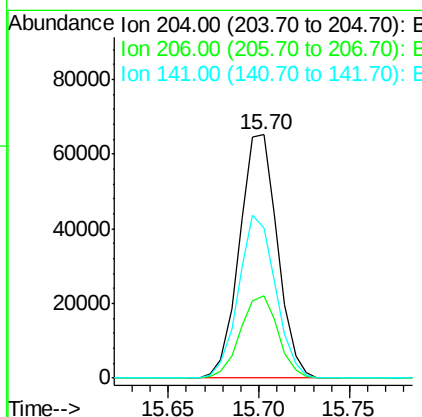
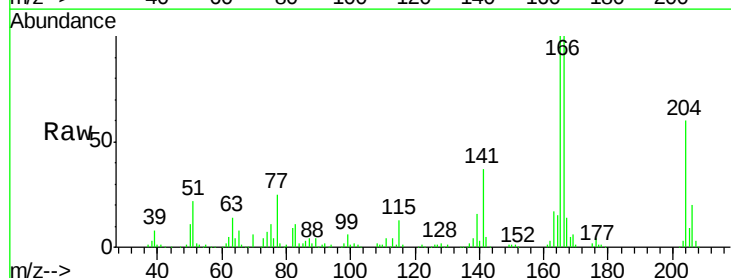
Instrument :
BNA_G
ClientSampleId :

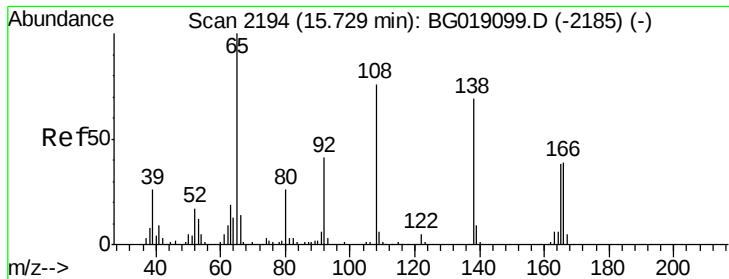
Tot Ion:149 Resp: 205649
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:204 Resp: 94590
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 61.9 51.9 77.9

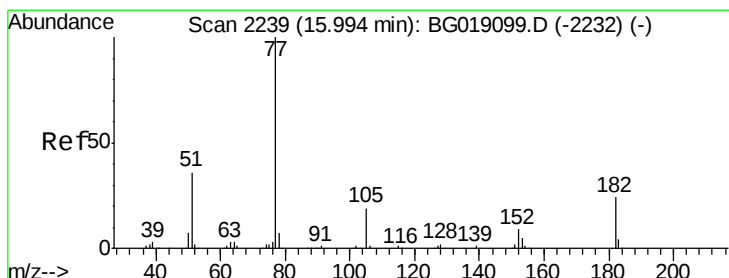
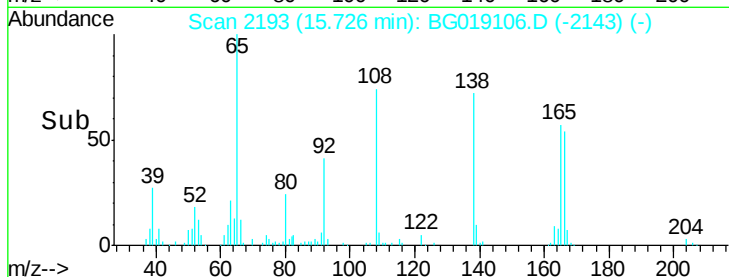
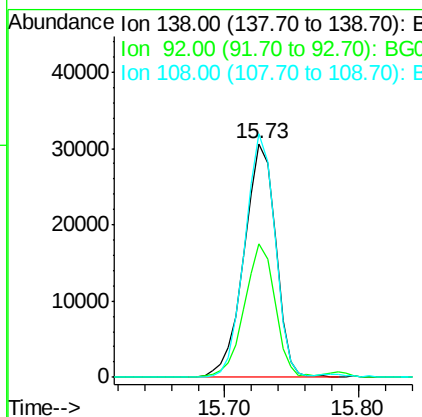
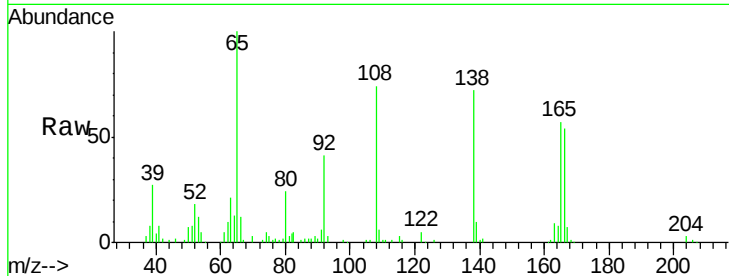




#61
4-Nitroaniline
Concen: 41.63 ng
RT: 15.73 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

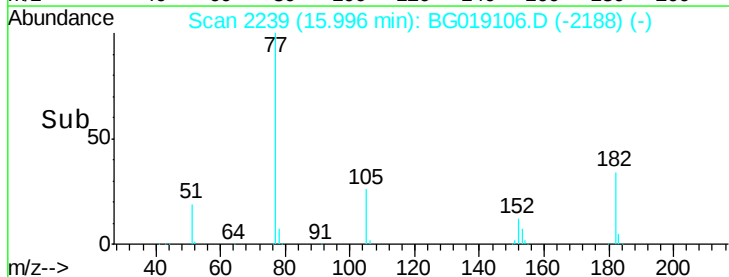
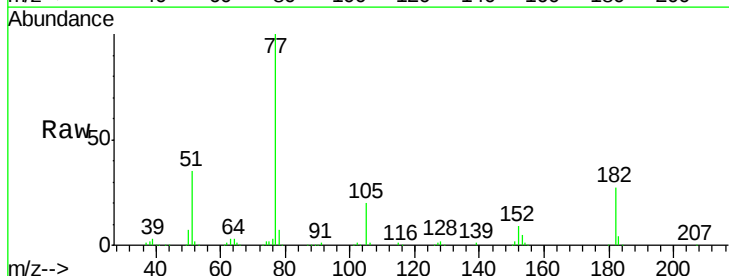
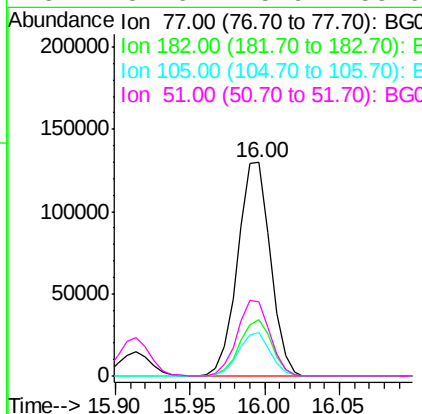
Instrument :
BNA_G
ClientSampleId :

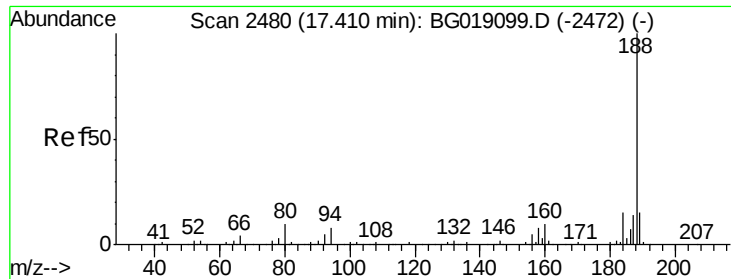
Tot Ion:138 Resp: 50142
Ion Ratio Lower Upper
138 100
92 57.3 39.0 79.0
108 104.1 90.8 130.8



#62
Azobenzene
Concen: 43.66 ng
RT: 16.00 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion: 77 Resp: 197759
Ion Ratio Lower Upper
77 100
182 26.5 4.4 44.4
105 20.5 0.0 39.1
51 34.6 15.9 55.9

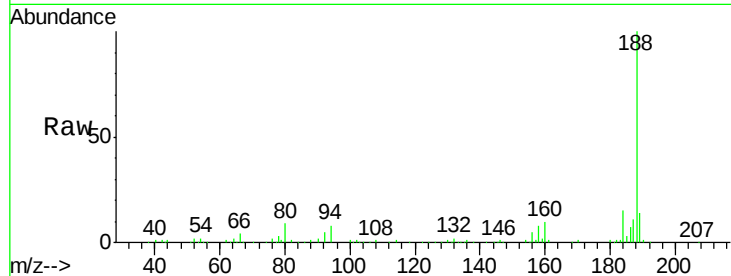




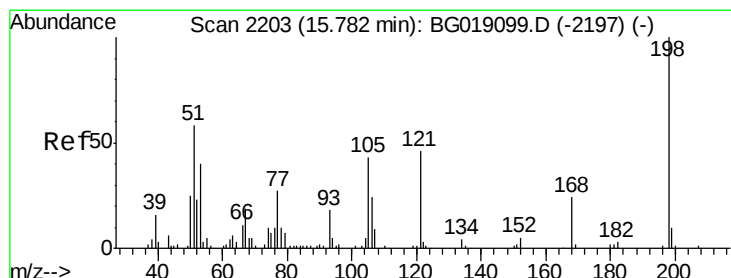
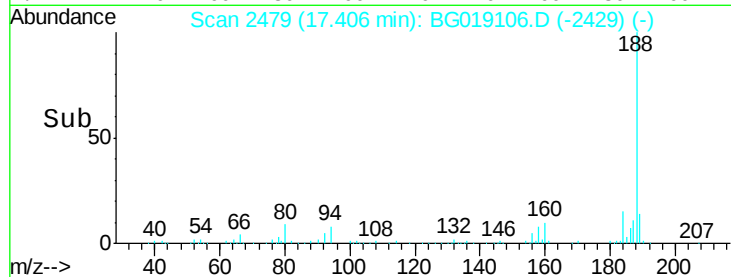
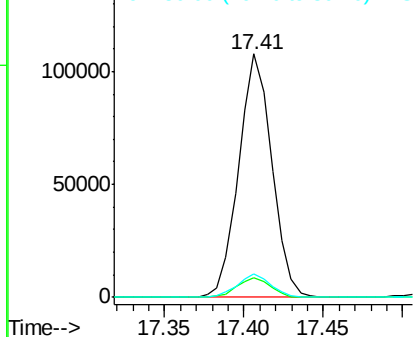
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2479
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	9.5	7.6	11.4

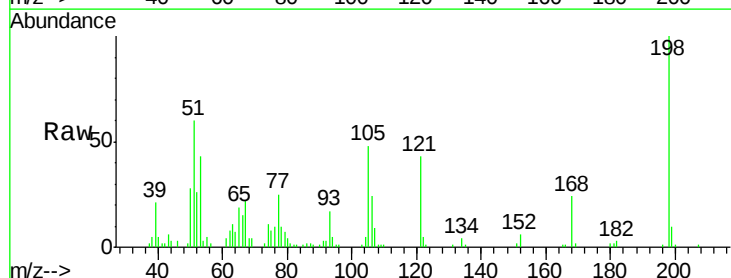


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

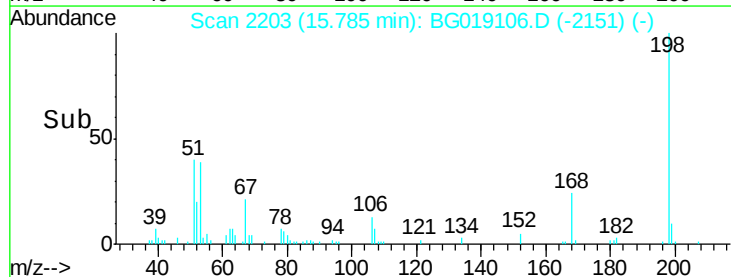
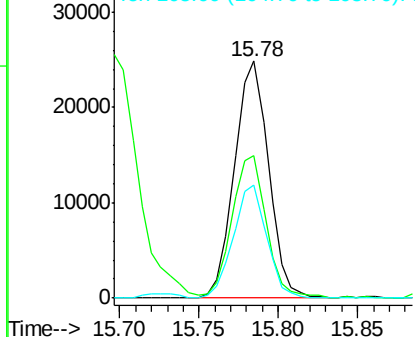


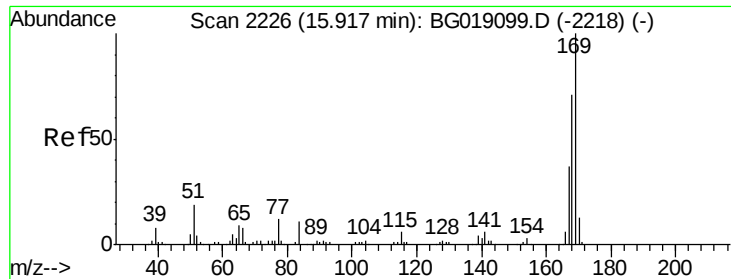
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.57 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
198	100		
51	60.3	40.1	80.1
105	47.7	23.4	63.4



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

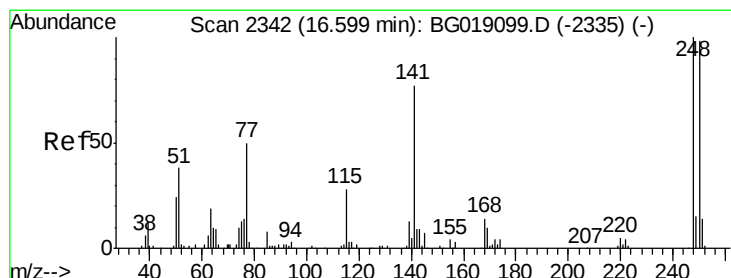
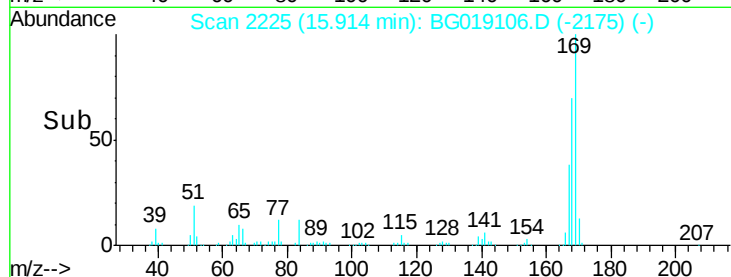
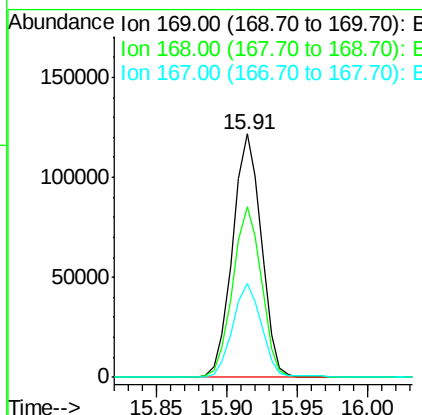
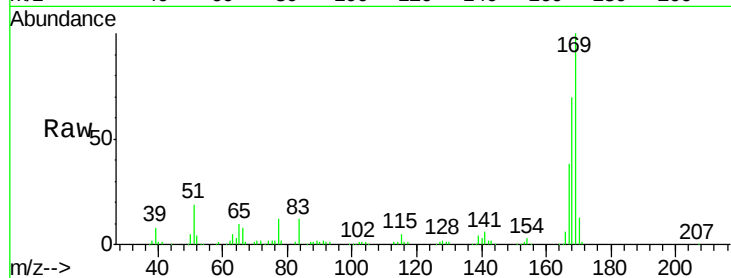




#65
 n-Nitrosodiphenylamine
 Concen: 39.95 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

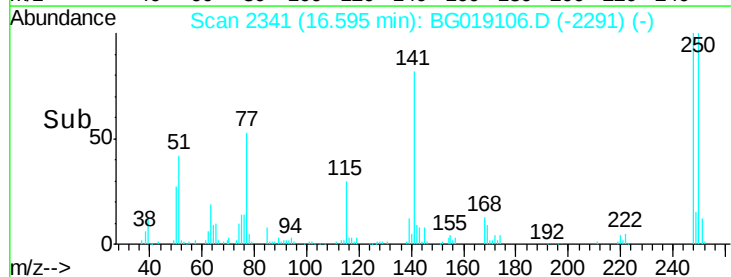
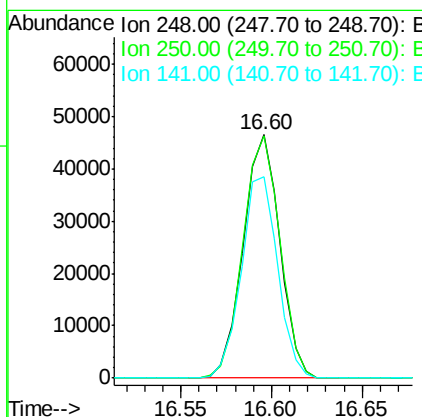
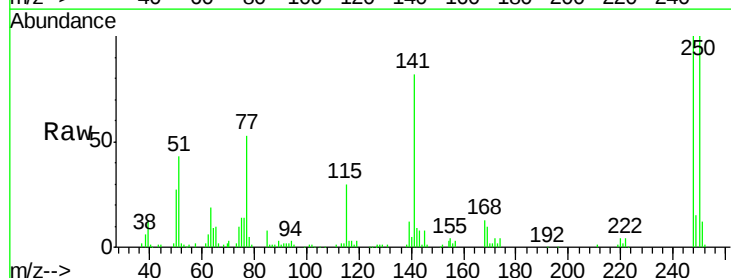
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 172463
 Ion Ratio Lower Upper
 169 100
 168 70.3 56.6 84.8
 167 38.3 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.04 ng
 RT: 16.60 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:248 Resp: 65146
 Ion Ratio Lower Upper
 248 100
 250 99.5 78.4 117.6
 141 82.5 61.7 92.5





#67

Hexachlorobenzene

Concen: 42.51 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

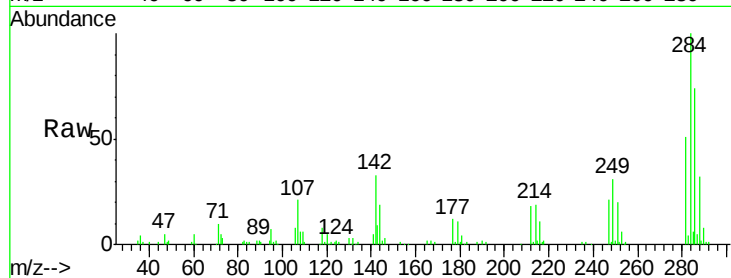
Tot Ion:284 Resp: 79234

Ion Ratio Lower Upper

284 100

142 32.6 27.0 40.4

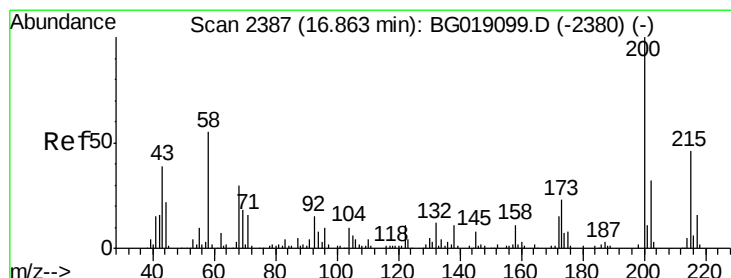
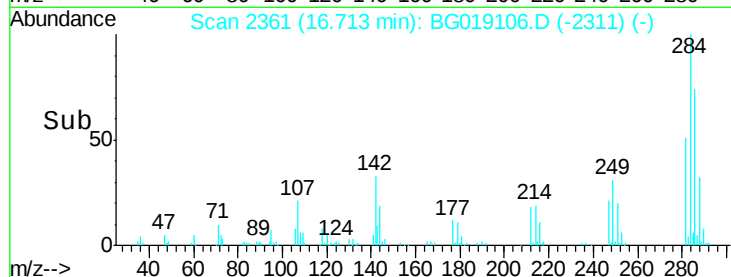
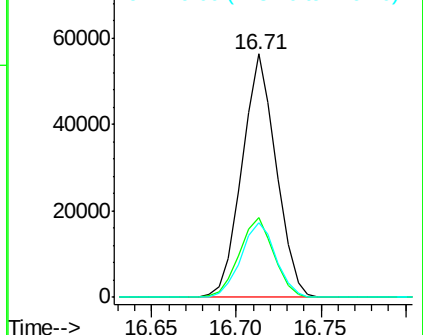
249 30.8 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.67 ng

RT: 16.87 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

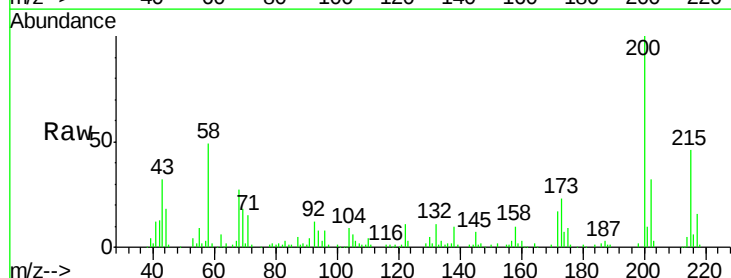
Tgt Ion:200 Resp: 79410

Ion Ratio Lower Upper

200 100

173 22.7 3.3 43.3

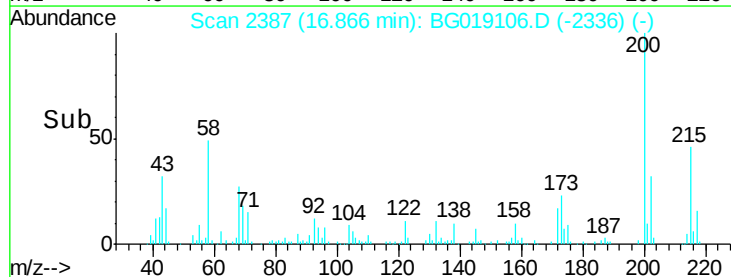
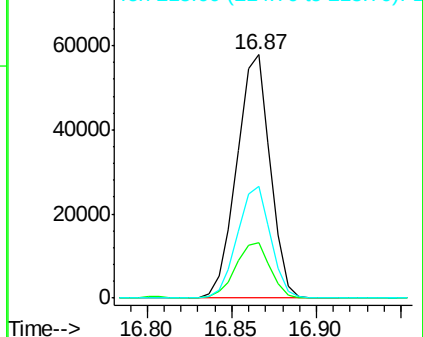
215 45.7 26.4 66.4

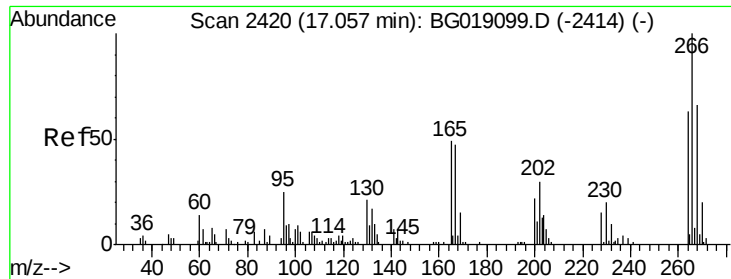


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

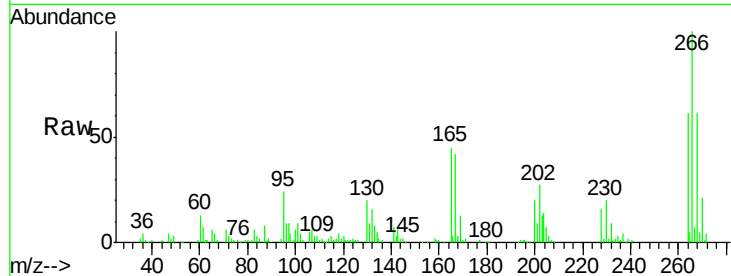




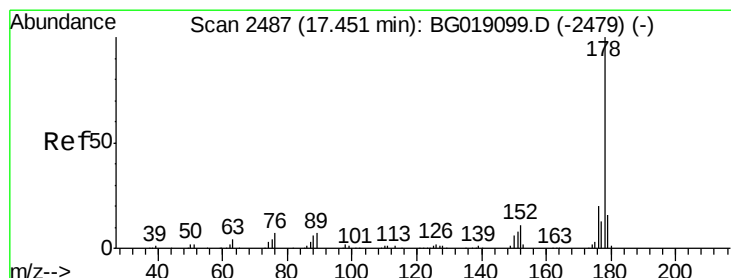
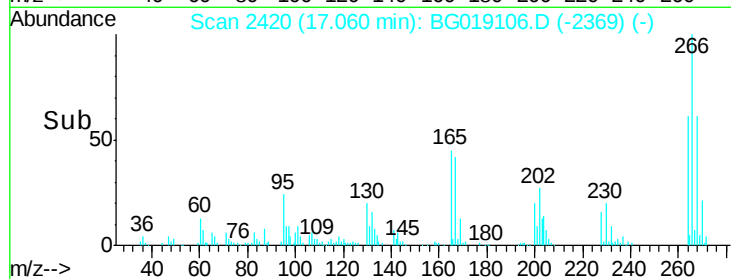
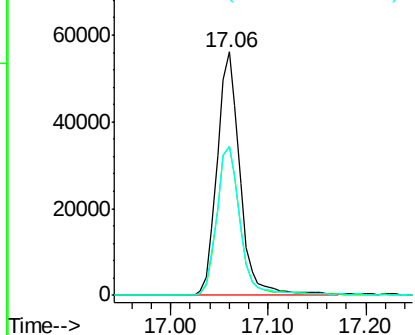
#69
 Pentachlorophenol
 Concen: 94.36 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 91691
 Ion Ratio Lower Upper
 266 100
 268 61.3 53.0 79.4
 264 61.3 50.1 75.1

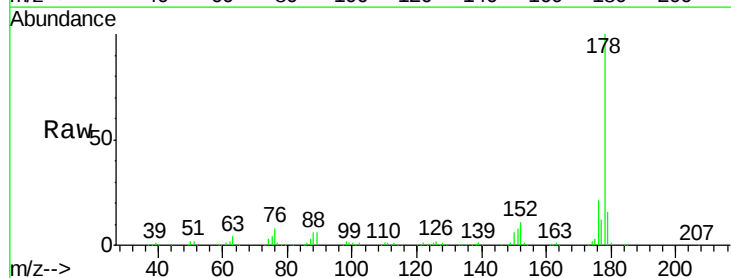


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

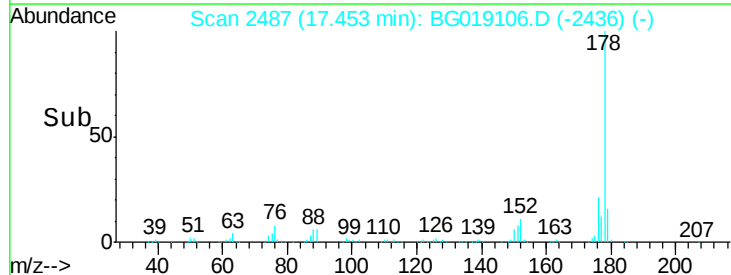
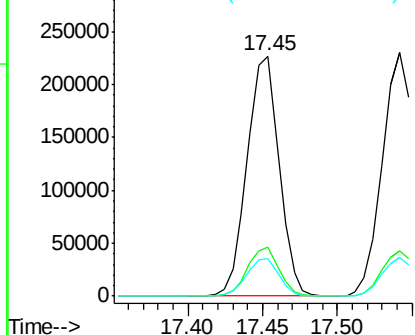


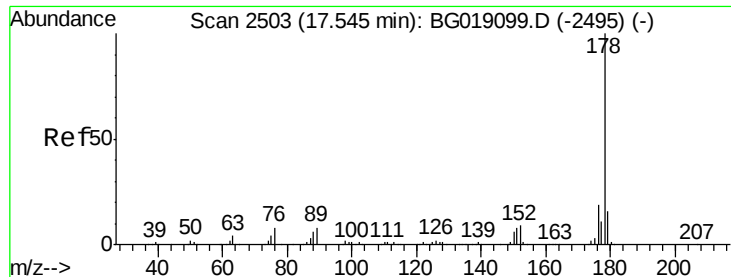
#70
 Phenanthrene
 Concen: 41.89 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:178 Resp: 336712
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 15.6 12.8 19.2



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

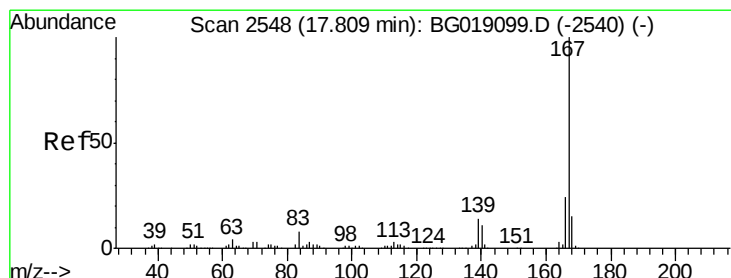
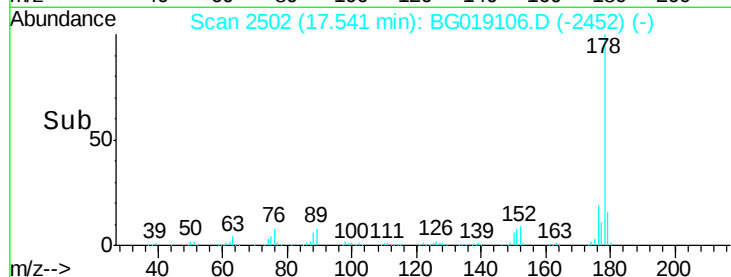
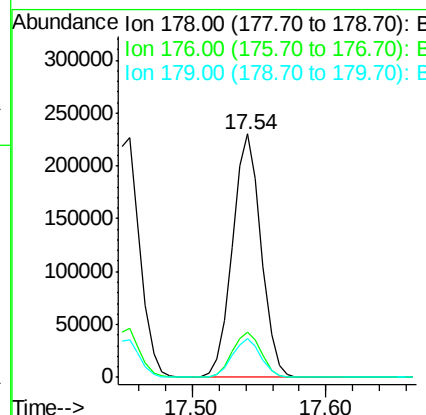
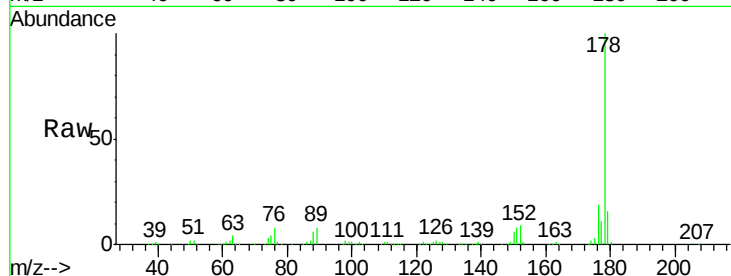




#71
 Anthracene
 Concen: 42.85 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

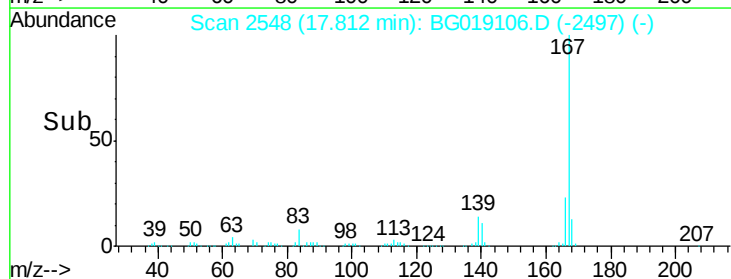
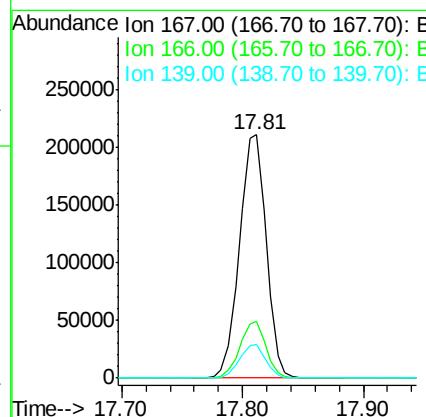
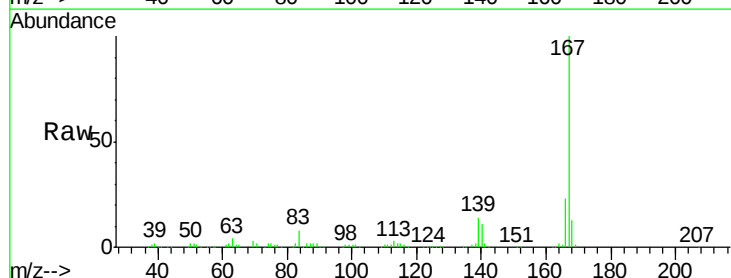
Instrument :
 BNA_G
 ClientSampleId :

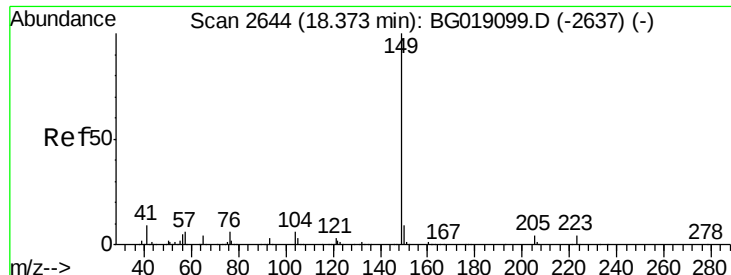
Tot Ion:178 Resp: 344537
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 15.8 12.9 19.3



#72
 Carbazole
 Concen: 43.26 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:167 Resp: 325621
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.1 28.7
 139 13.9 11.2 16.8

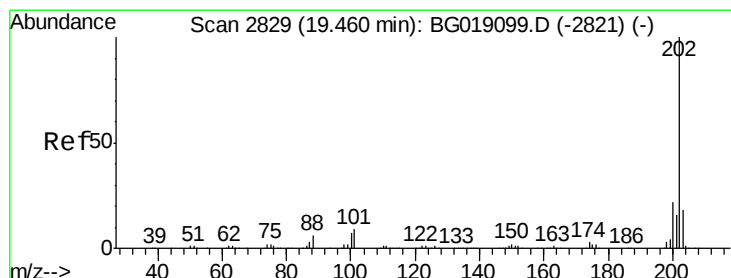
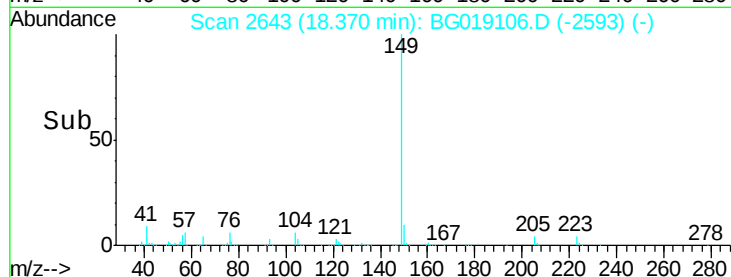
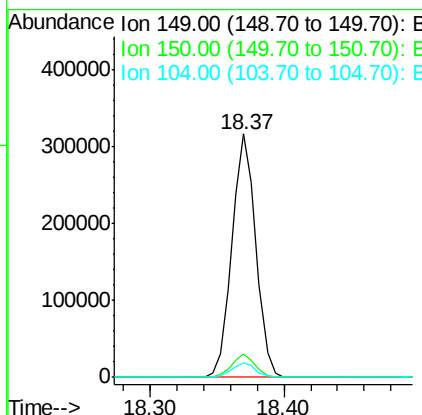
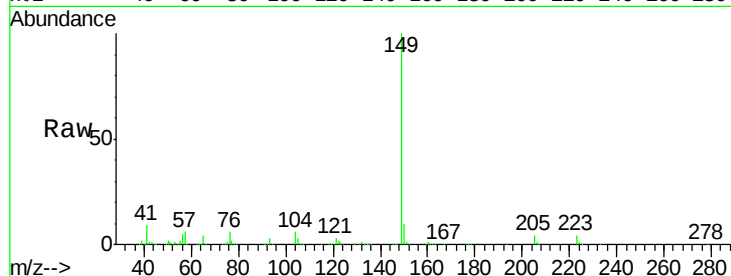




#73
Di-n-butylphthalate
Concen: 42.76 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

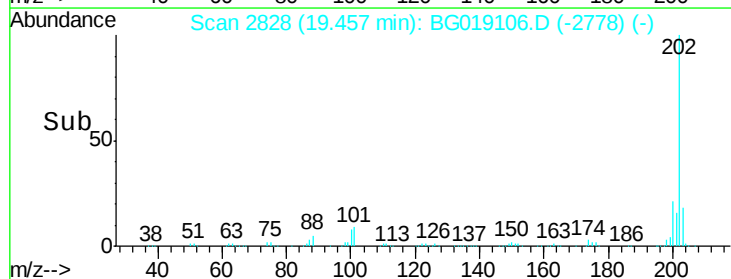
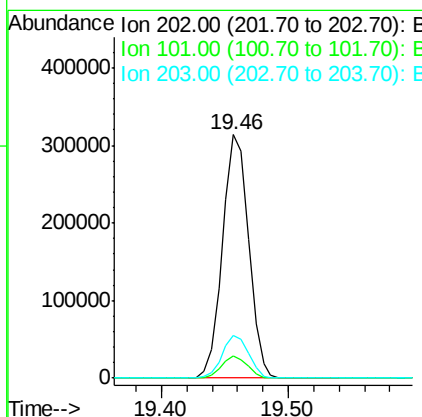
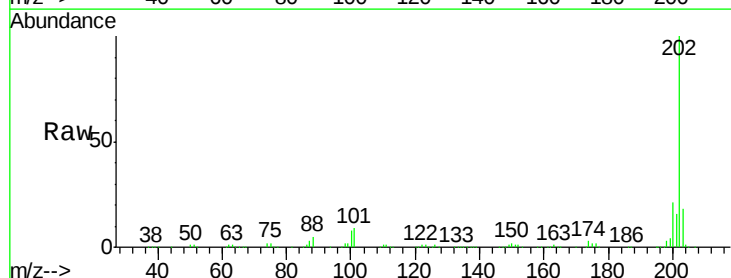
Instrument :
BNA_G
ClientSampleId :

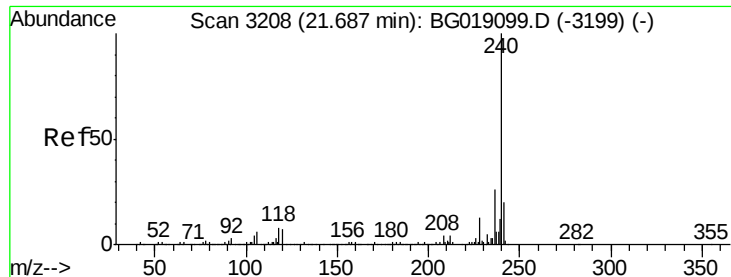
Tot Ion:149 Resp: 394215
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 6.0 5.0 7.6



#74
Fluoranthene
Concen: 43.22 ng
RT: 19.46 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:202 Resp: 446960
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.7 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

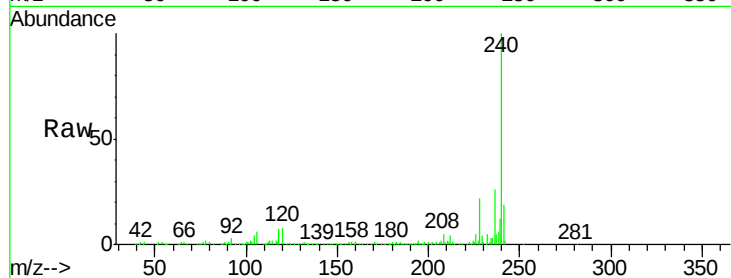
Tot Ion:240 Resp: 190298

Ion Ratio Lower Upper

240 100

120 8.1 5.8 8.6

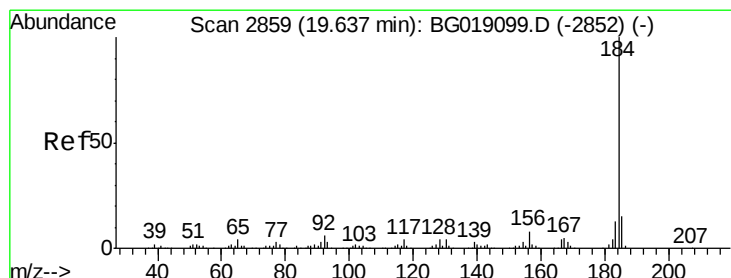
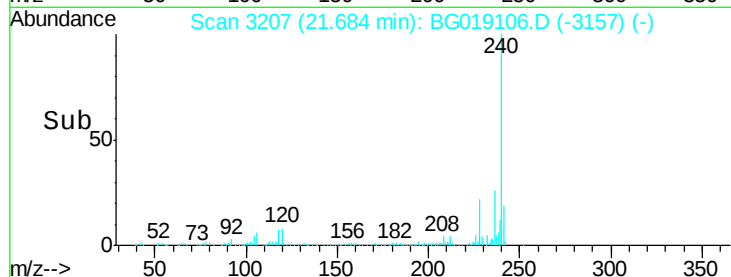
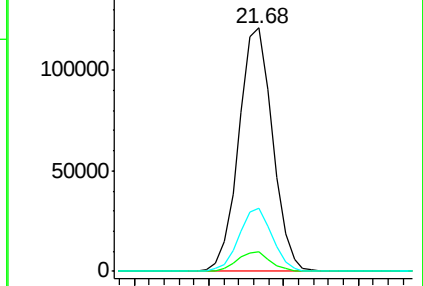
236 25.8 21.2 31.8



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: 29.03 ng

RT: 19.63 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

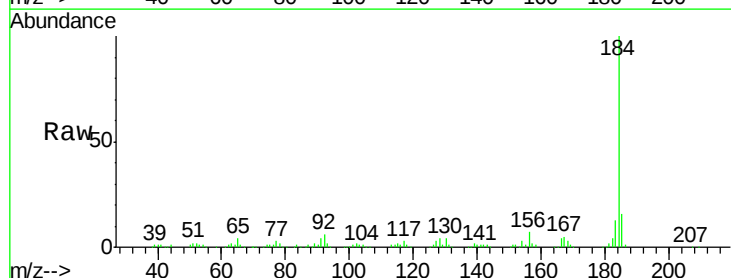
Tgt Ion:184 Resp: 141727

Ion Ratio Lower Upper

184 100

185 15.7 11.9 17.9

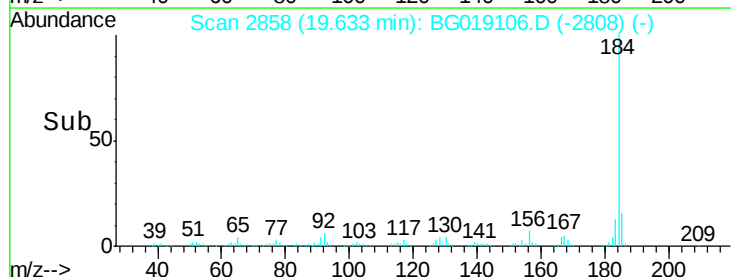
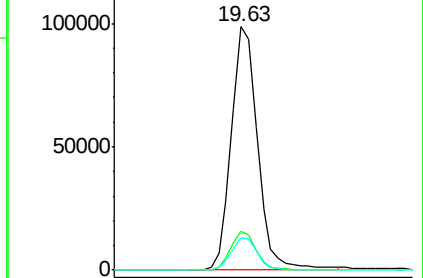
183 13.4 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

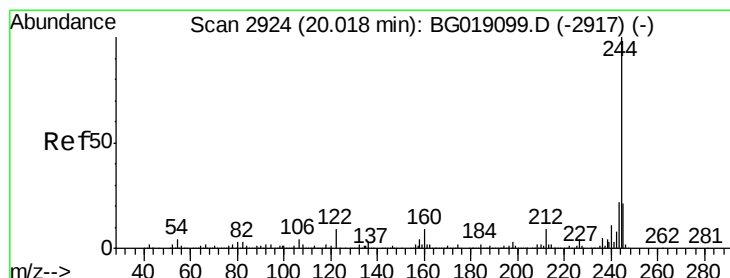
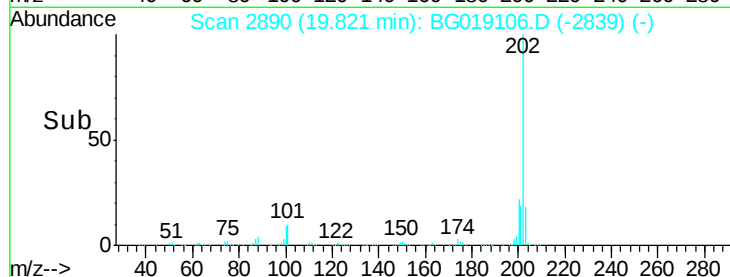
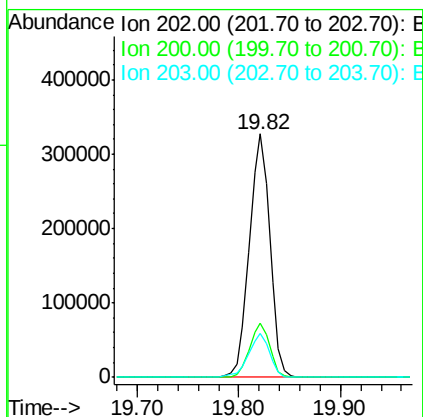
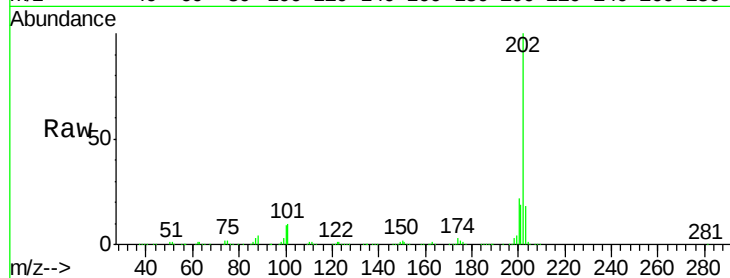




#77
Pvrene
Concen: 43.15 ng
RT: 19.82 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

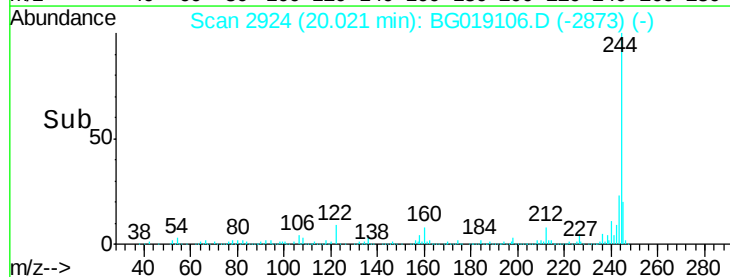
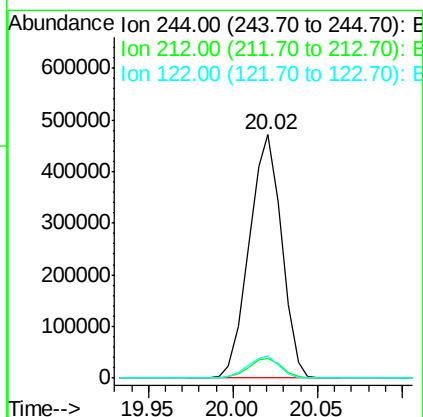
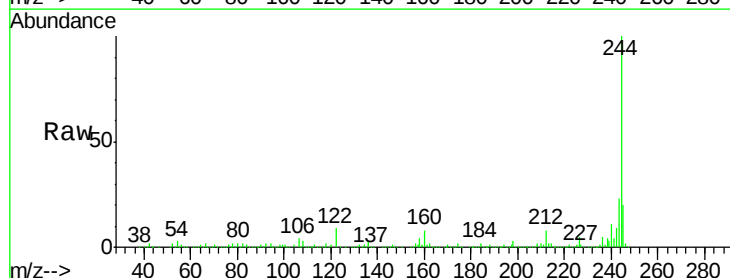
Instrument :
BNA_G
ClientSampleId :

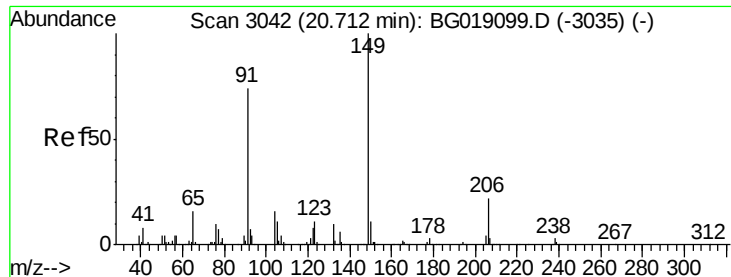
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.9	14.8	22.2



#78
Terphenyl-d14
Concen: 87.52 ng
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.8	10.2
122	8.9	7.4	11.2

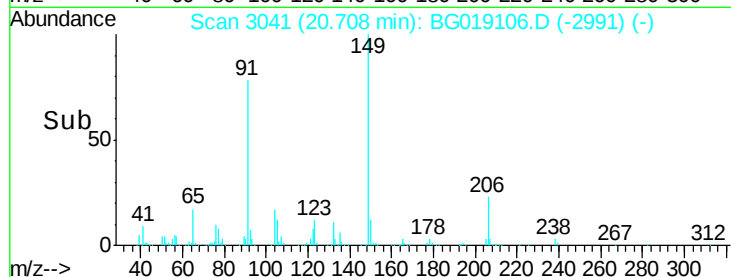
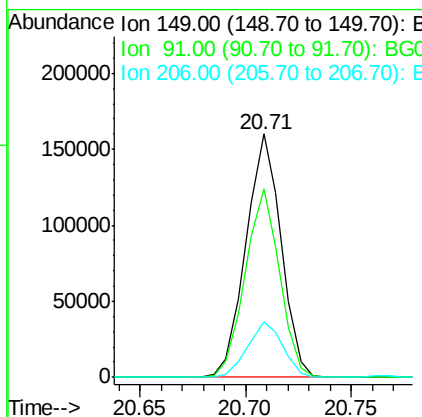
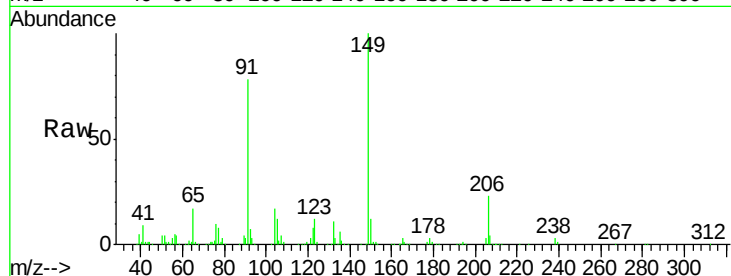




#79
Butylbenzylphthalate
Concen: 42.57 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

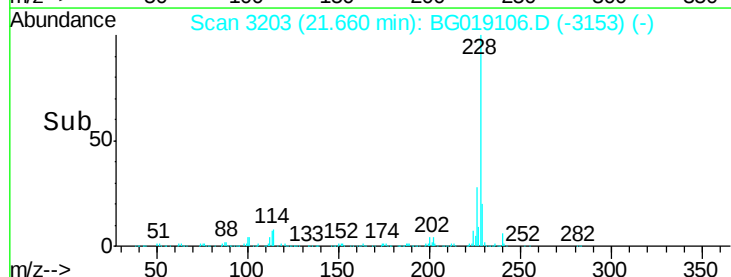
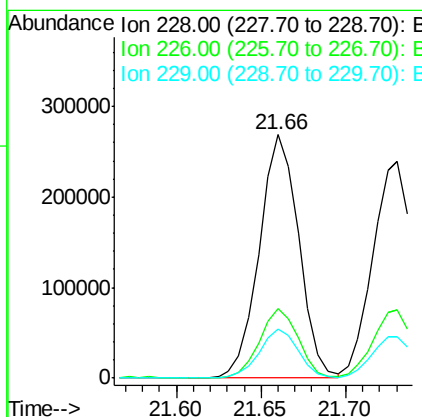
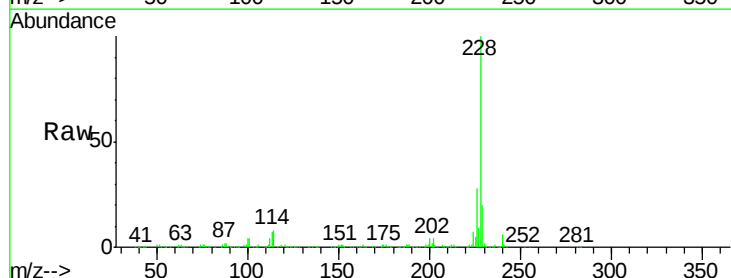
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 184868
Ion Ratio Lower Upper
149 100
91 77.7 59.2 88.8
206 22.6 17.5 26.3



#80
Benzo(a)anthracene
Concen: 42.74 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion:228 Resp: 435974
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.0 16.2 24.2

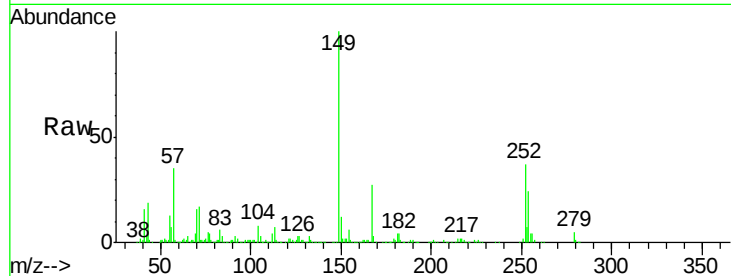




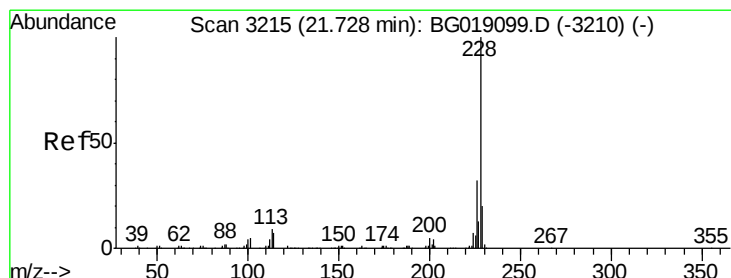
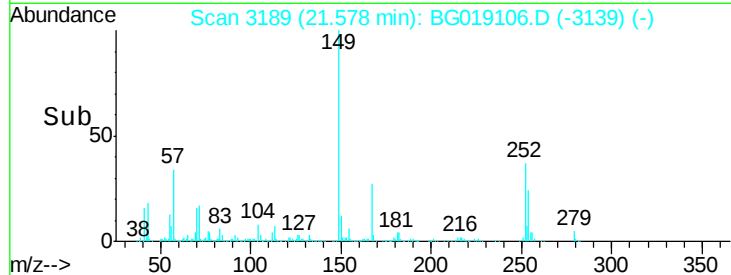
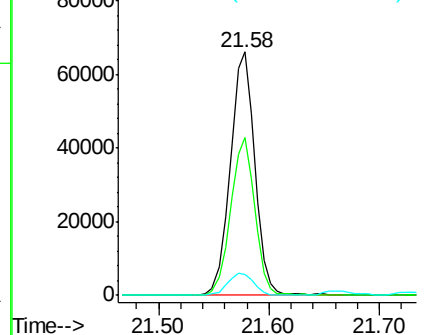
#81
 3,3'-Dichlorobenzidine
 Concen: 27.22 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.9	80.9
126	8.8	7.0	10.6

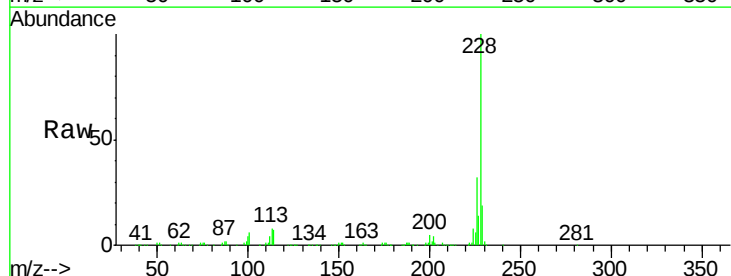


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

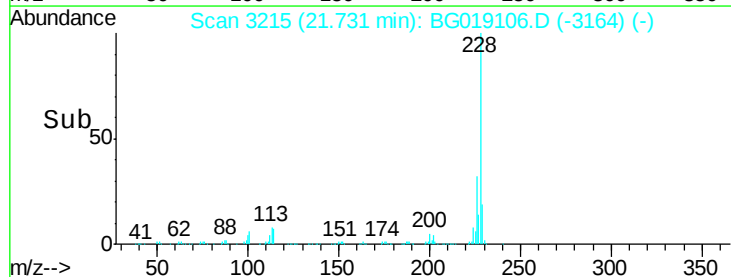
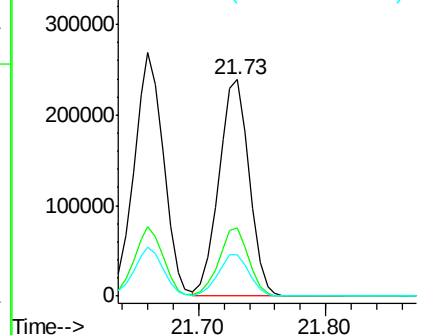


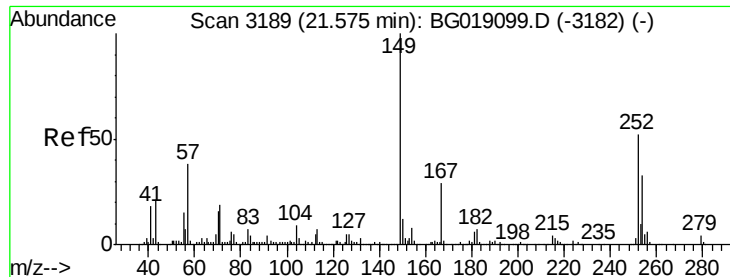
#82
 Chrysene
 Concen: 40.95 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	19.3	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

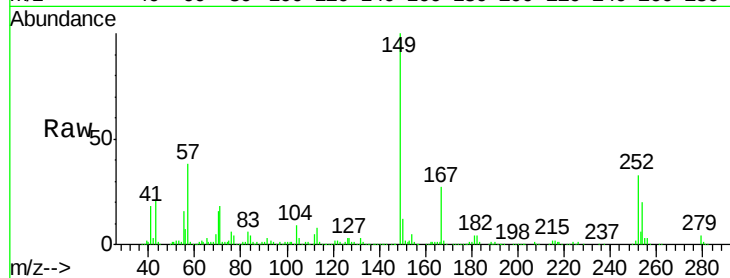




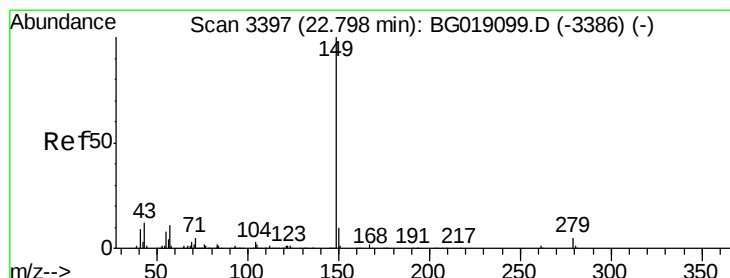
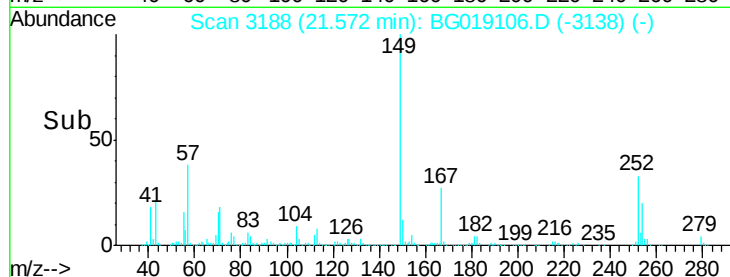
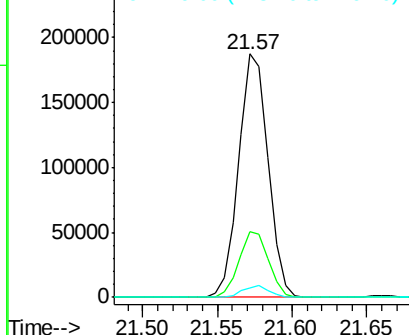
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.53 ng
 RT: 21.57 min Scan# 3188
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 256498
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.8 34.2
 279 3.9 3.6 5.4

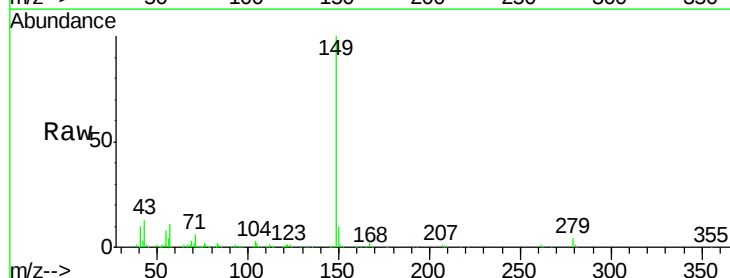


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

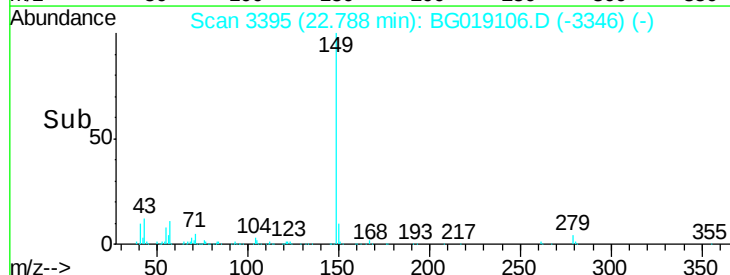
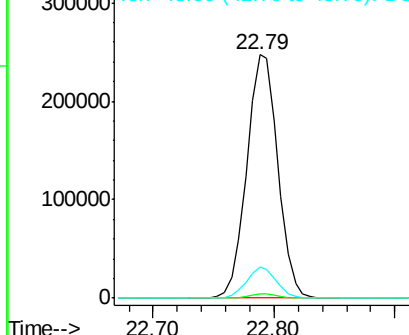


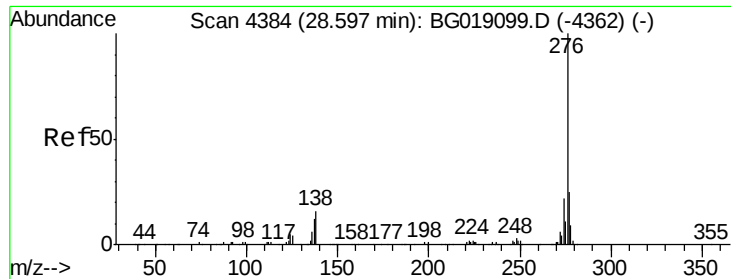
#84
 Di-n-octyl phthalate
 Concen: 42.40 ng
 RT: 22.79 min Scan# 3395
 Delta R.T. -0.01 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:149 Resp: 441688
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.3 10.1 15.1



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

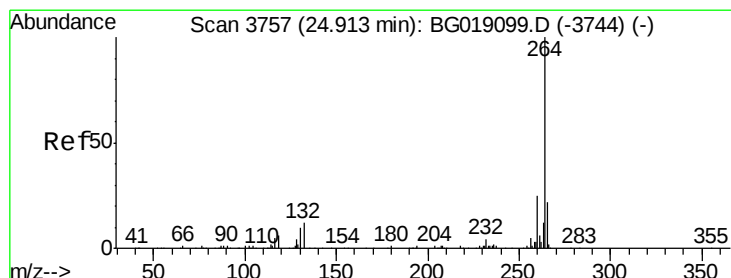
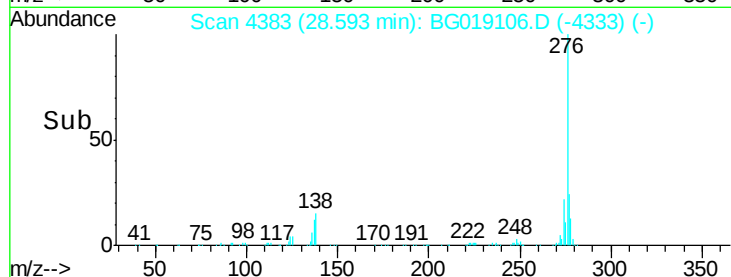
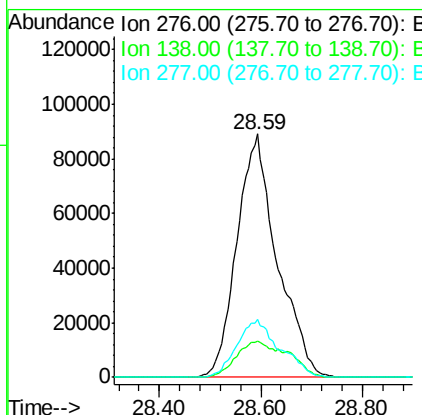
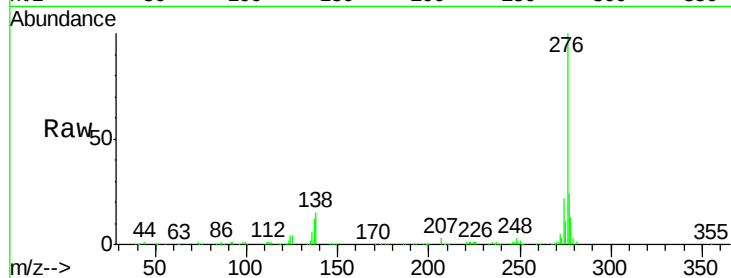




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.58 ng
 RT: 28.59 min Scan# 4383
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

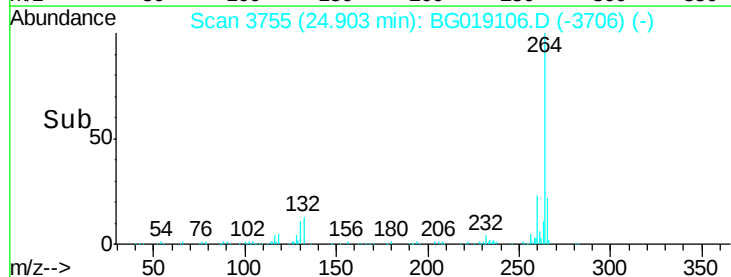
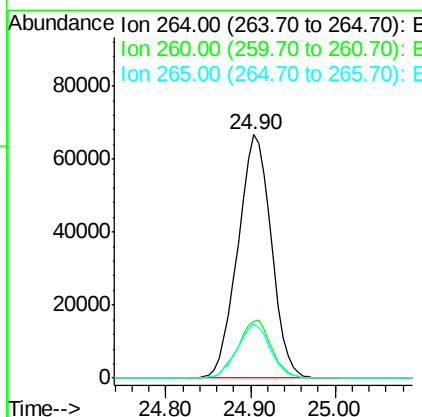
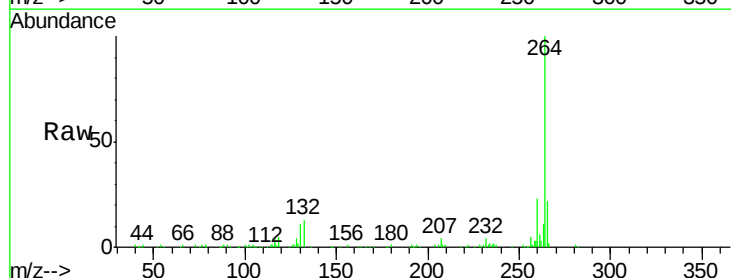
Instrument :
 BNA_G
 ClientSampleId :

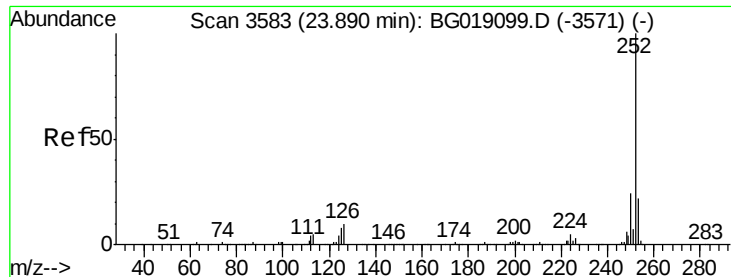
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	10.2	15.4
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.90 min Scan# 3755
 Delta R.T. -0.01 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.1	30.1
265	22.4	17.2	25.8

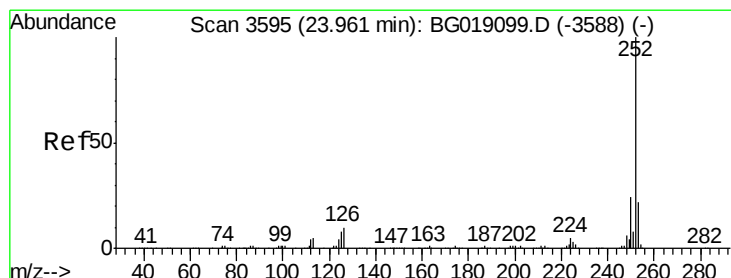
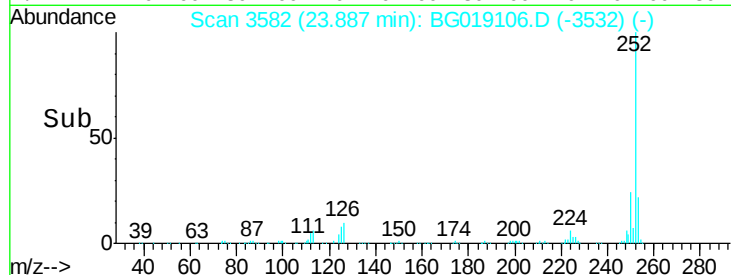
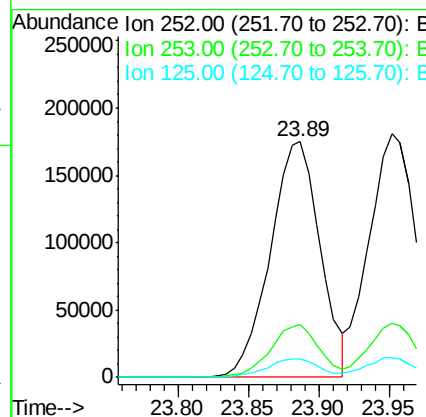
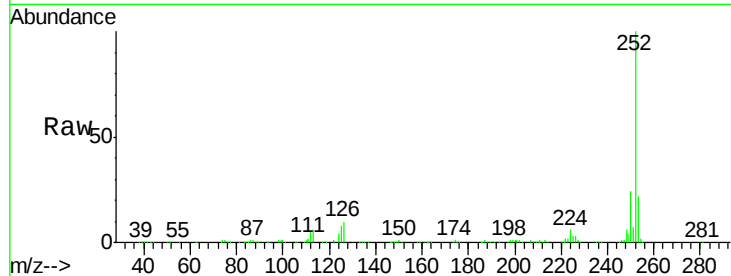




#87
Benzo(b)fluoranthene
Concen: 43.85 ng
RT: 23.89 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

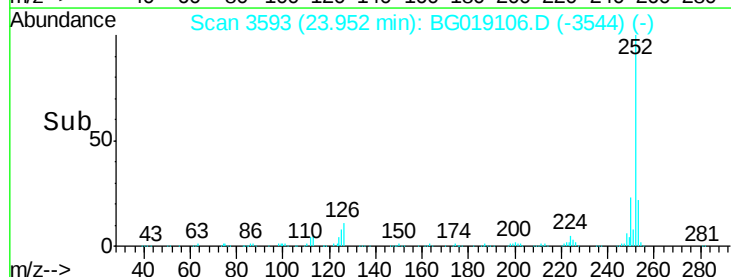
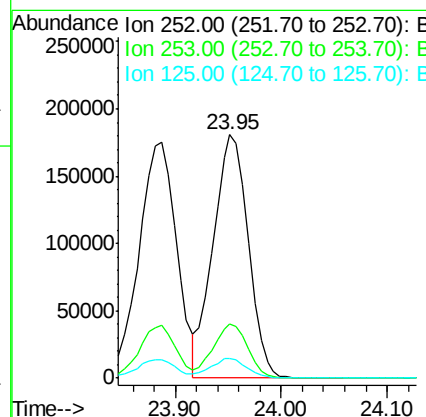
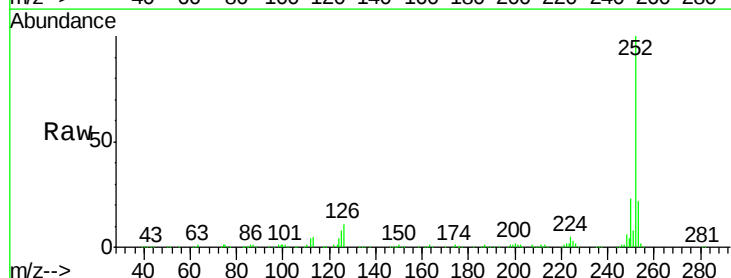
Instrument :
BNA_G
ClientSampleId :

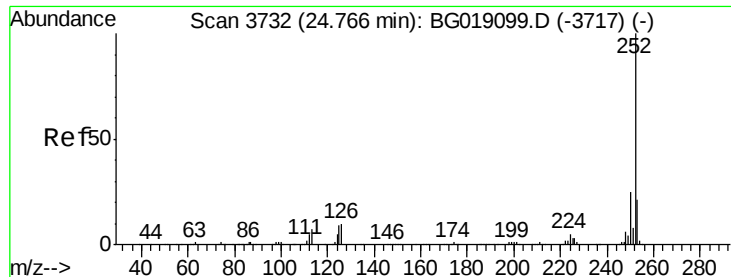
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.8	6.6	9.8



#88
Benzo(k)fluoranthene
Concen: 42.98 ng
RT: 23.95 min Scan# 3593
Delta R.T. -0.01 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	8.0	6.4	9.6





#89

Benzo(a)pyrene

Concen: 44.63 ng

RT: 24.76 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

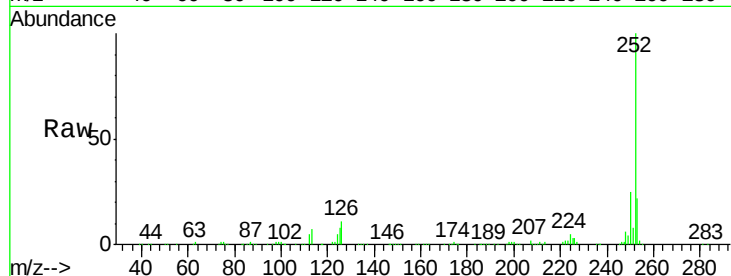
Tot Ion:252 Resp: 415046

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

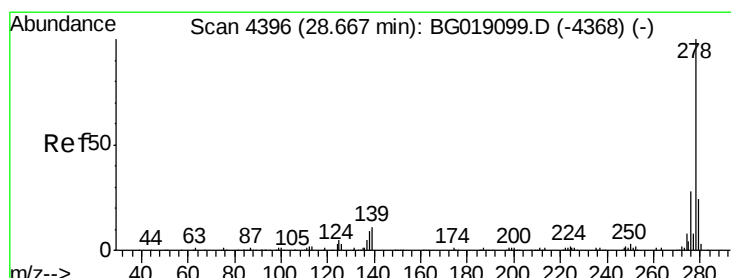
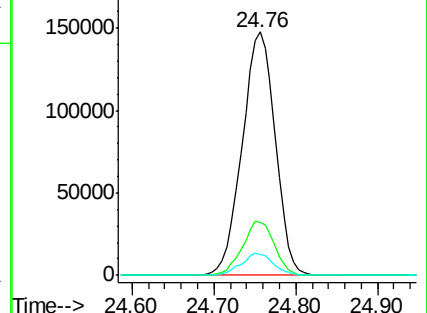
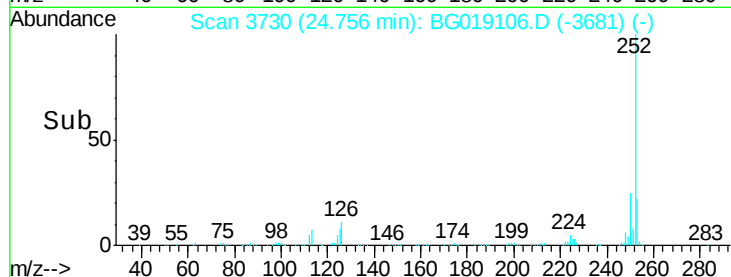
125 8.5 7.2 10.8



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: 42.63 ng

RT: 28.66 min Scan# 4394

Delta R.T. -0.01 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

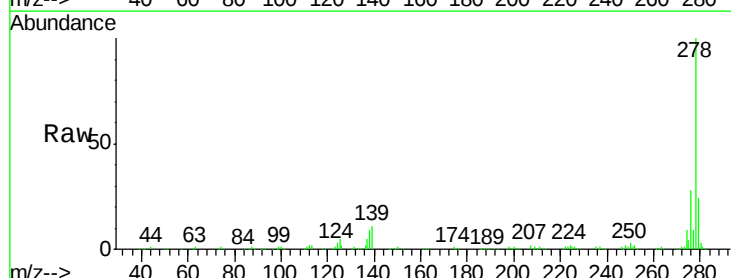
Tgt Ion:278 Resp: 425663

Ion Ratio Lower Upper

278 100

139 11.3 8.6 12.8

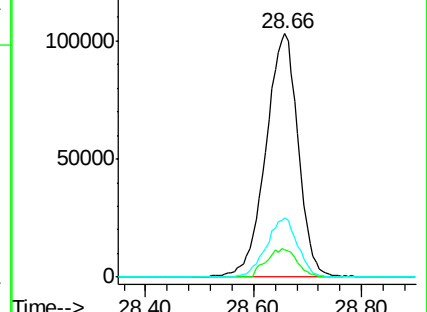
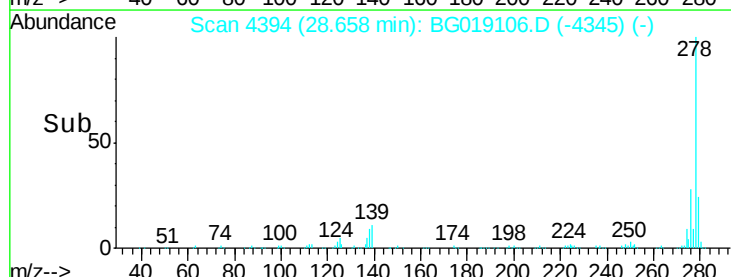
279 24.2 19.5 29.3

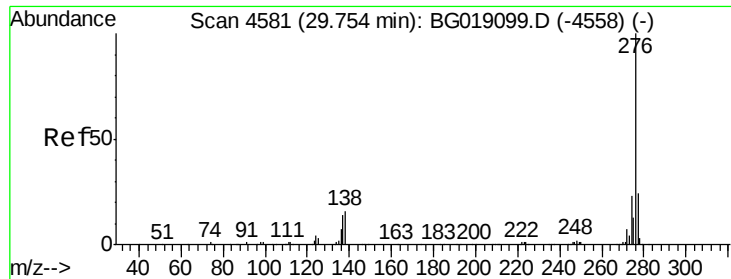


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

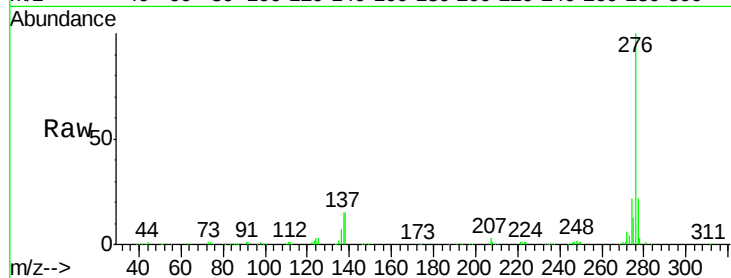




#91
 Benzo(a,h,i)perylene
 Concen: 43.38 ng
 RT: 29.74 min Scan# 4579
 Delta R.T. -0.01 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.5	29.3
138	15.2	13.0	19.6



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

