

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 :
 PB85936BS

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

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

						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

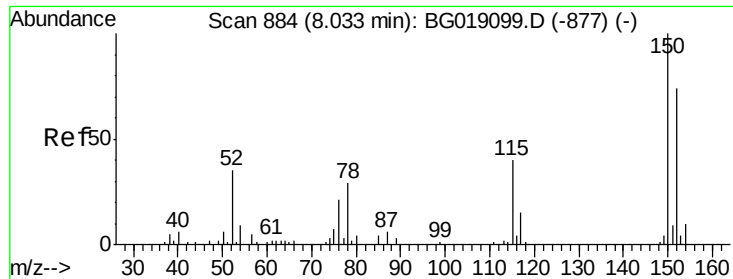
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
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 Response via : Initial Calibration

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

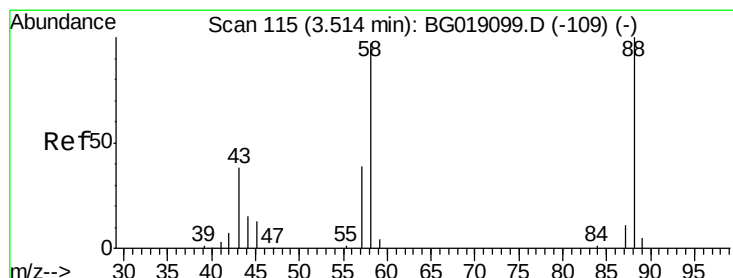
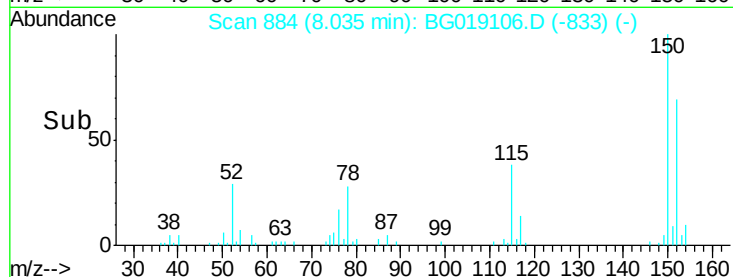
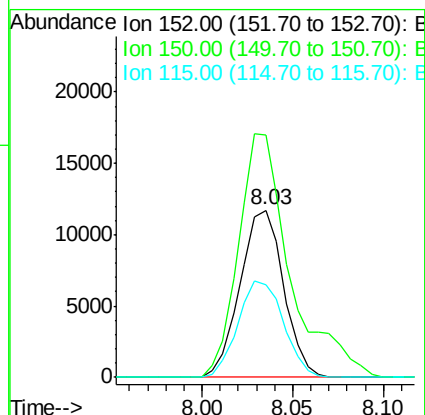
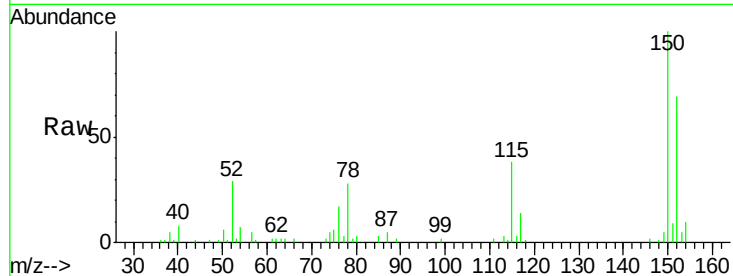


#1

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
ClientSampleId :
PB85936BS

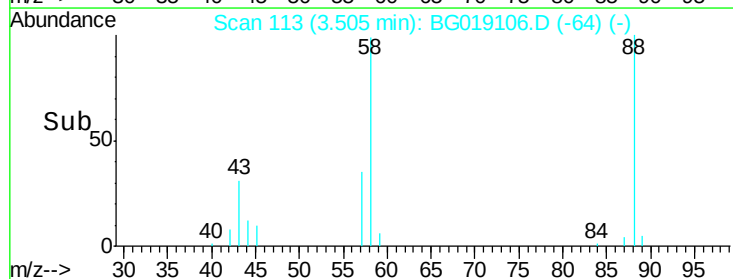
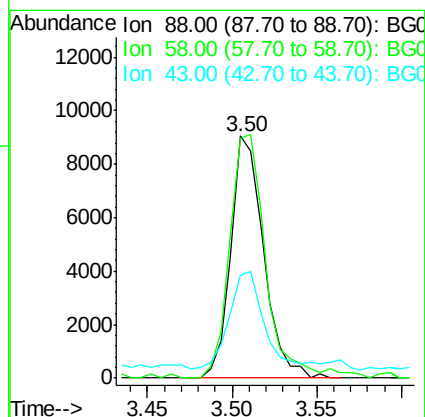
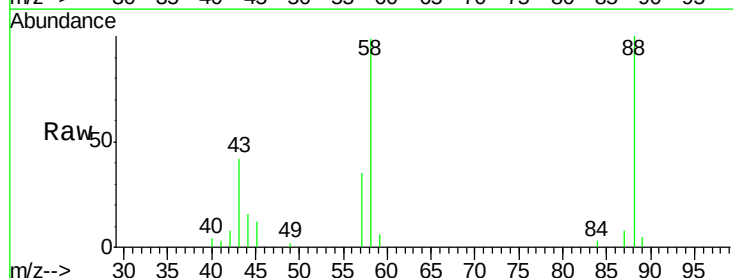
Tot Ion:152 Resp: 19552
Ion Ratio Lower Upper
152 100
150 144.6 108.2 162.2
115 55.5 43.2 64.8

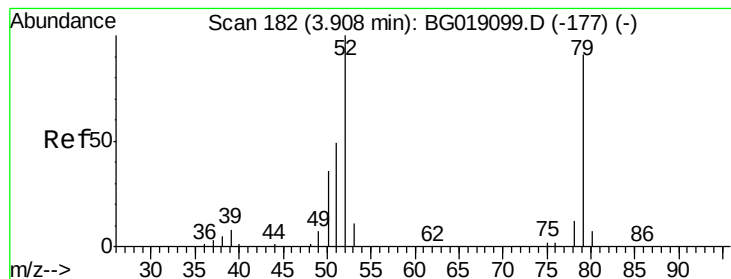


#2

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 :

PB85936BS

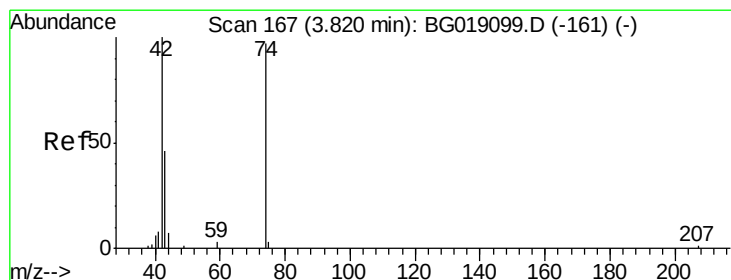
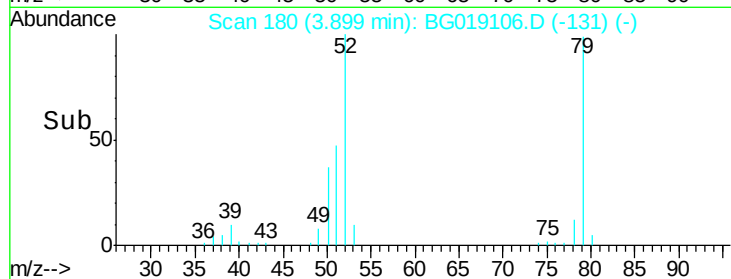
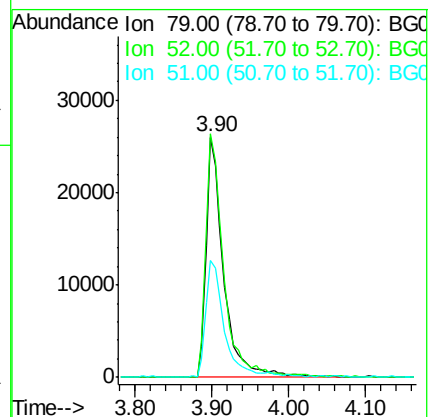
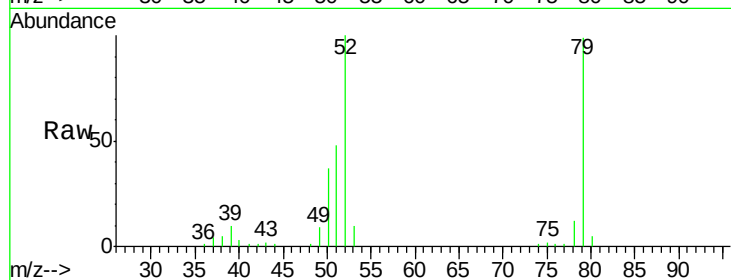
Tot Ion: 79 Resp: 40958

Ion Ratio Lower Upper

79 100

52 101.4 88.3 132.5

51 48.7 44.6 66.8



#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

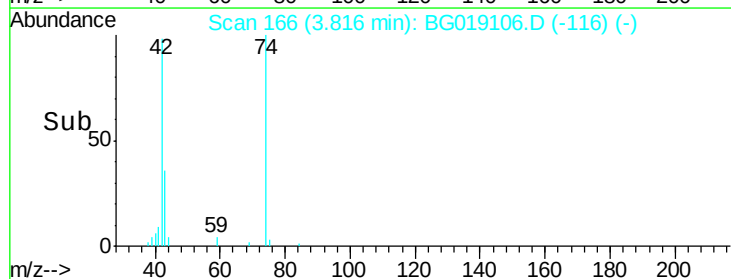
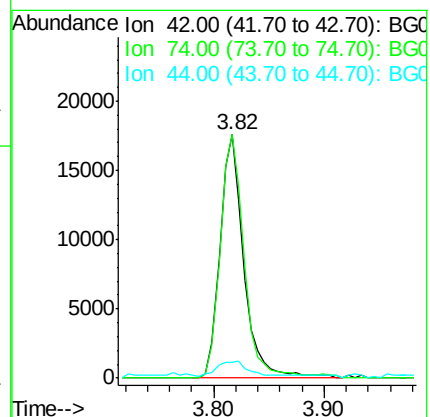
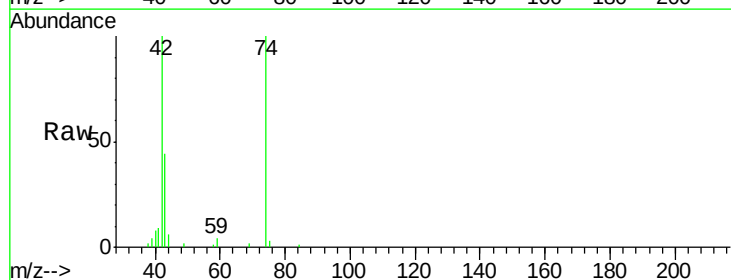
Tgt Ion: 42 Resp: 26122

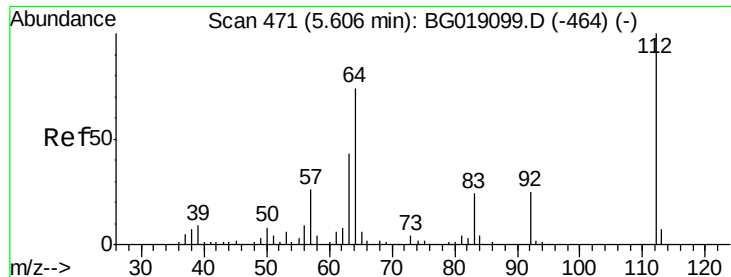
Ion Ratio Lower Upper

42 100

74 100.2 77.3 115.9

44 6.3 7.2 10.8#





#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 :

PB85936BS

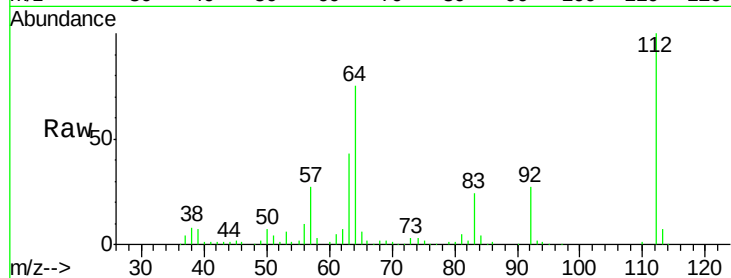
Tot Ion:112 Resp: 130910

Ion Ratio Lower Upper

112 100

64 74.9 59.0 88.4

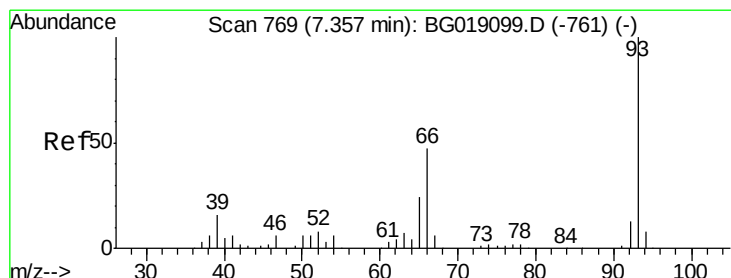
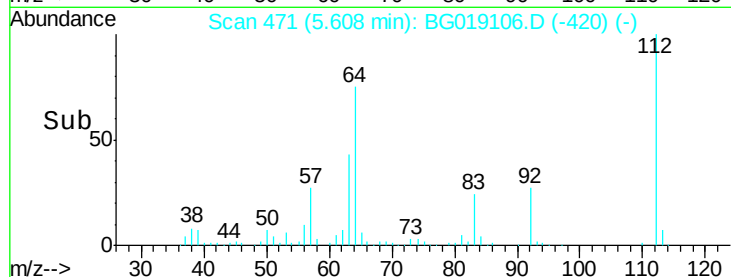
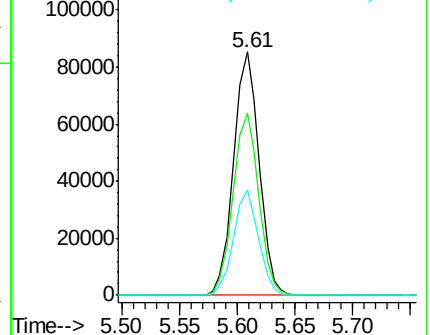
63 43.3 34.7 52.1



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

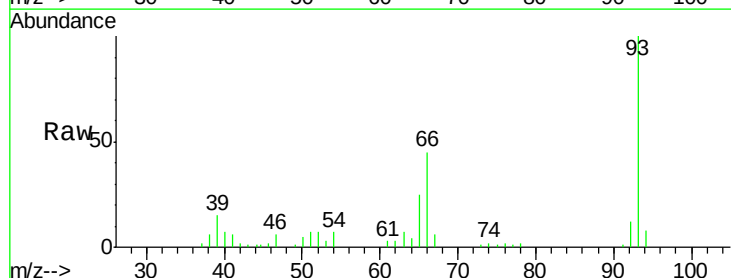
Tgt Ion: 93 Resp: 56402

Ion Ratio Lower Upper

93 100

66 44.7 37.4 56.2

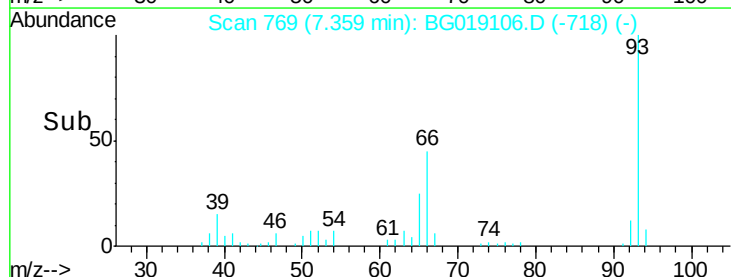
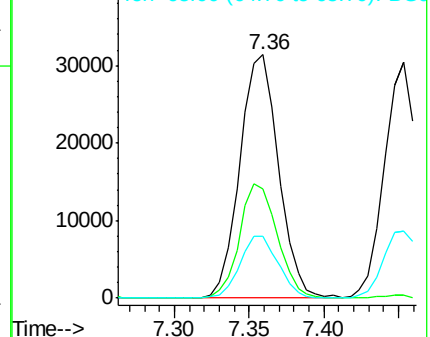
65 25.2 19.6 29.4

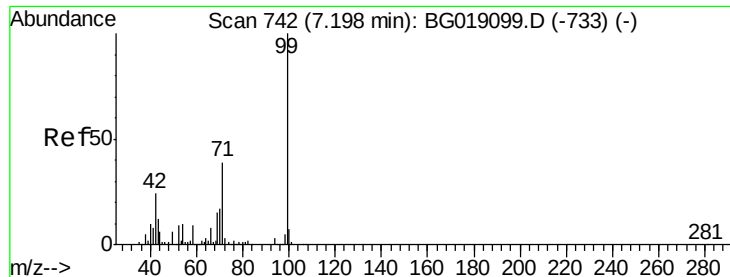


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

PB85936BS

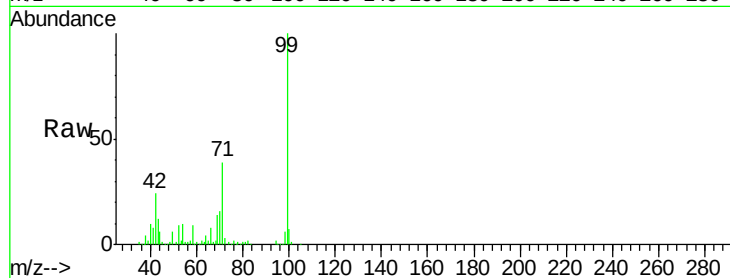
Tot Ion: 99 Resp: 197542

Ion Ratio Lower Upper

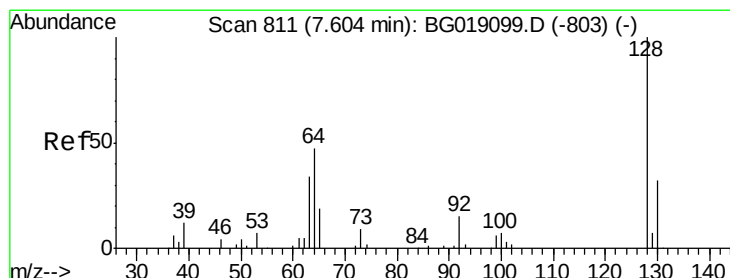
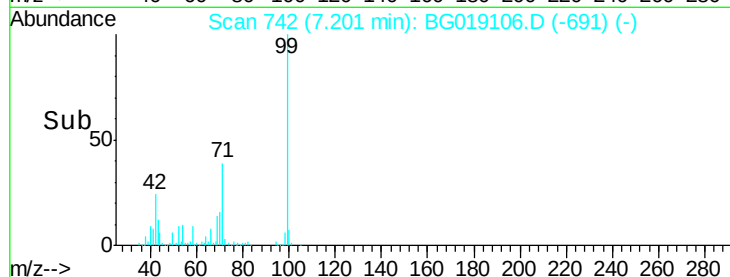
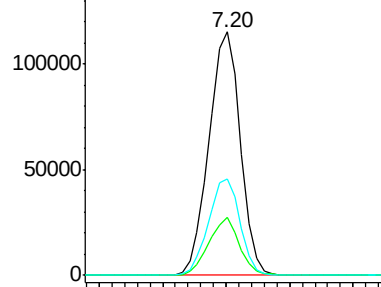
99 100

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

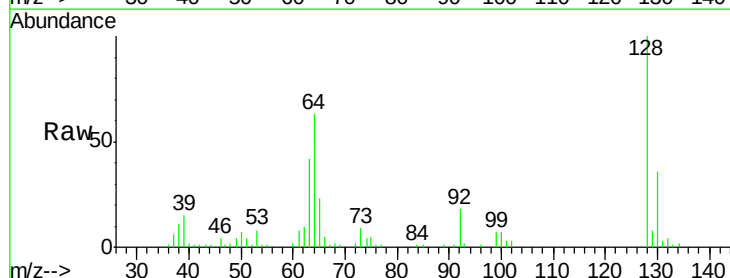
Tgt Ion: 128 Resp: 52152

Ion Ratio Lower Upper

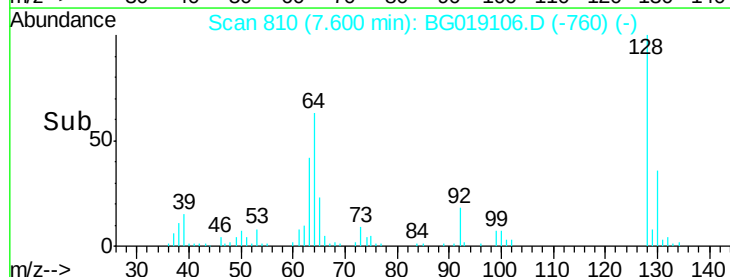
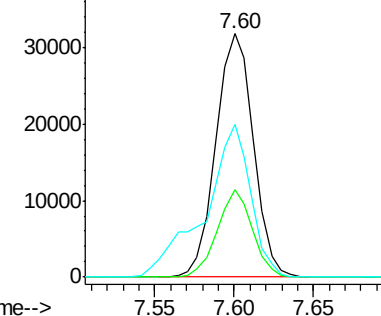
128 100

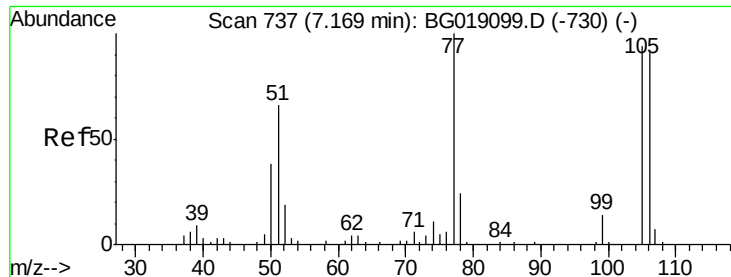
130 35.9 12.3 52.3

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

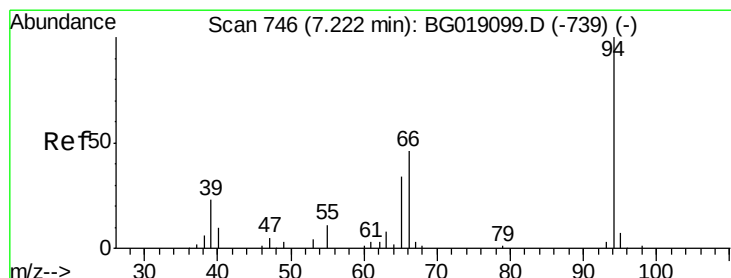
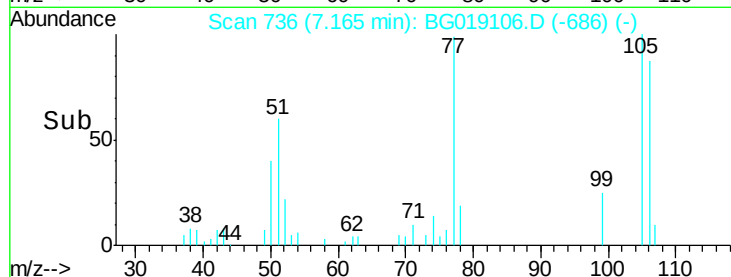
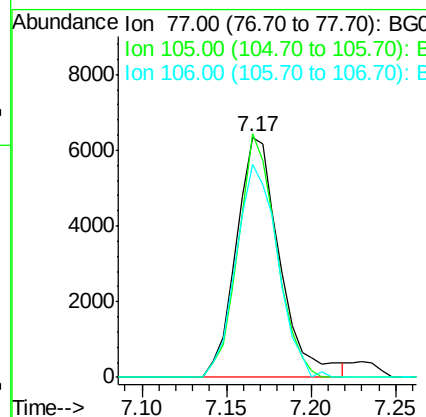
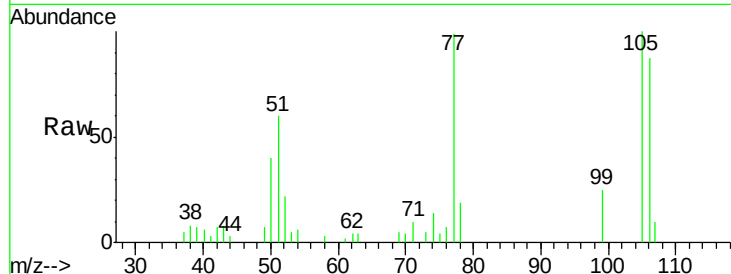




#9
Benzaldehyde
Concen: 12.25 ng
RT: 7.17 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

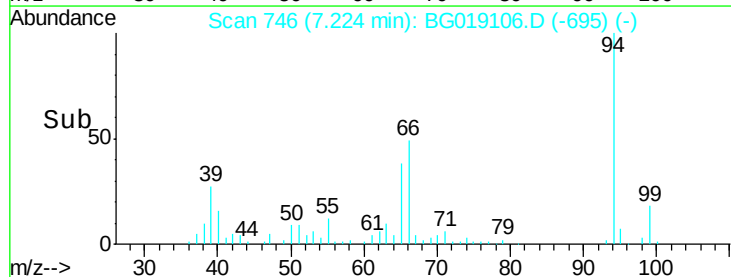
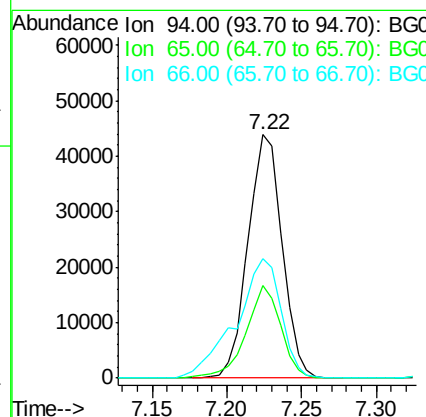
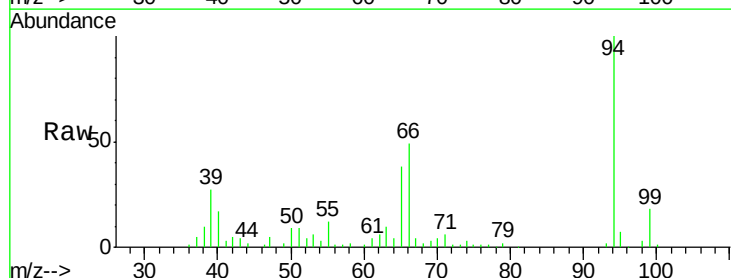
Instrument :
BNA_G
ClientSampled :
PB85936BS

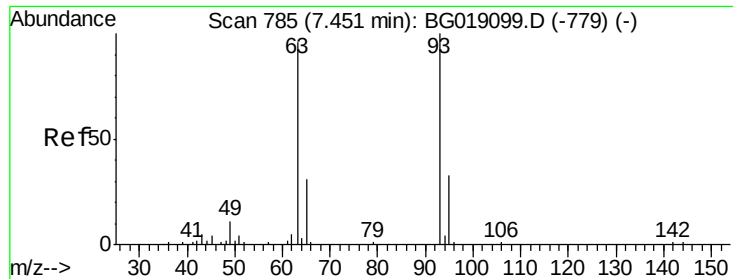
Tot Ion: 77 Resp: 11386
Ion Ratio Lower Upper
77 100
105 101.4 73.7 113.7
106 88.7 71.0 111.0



#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

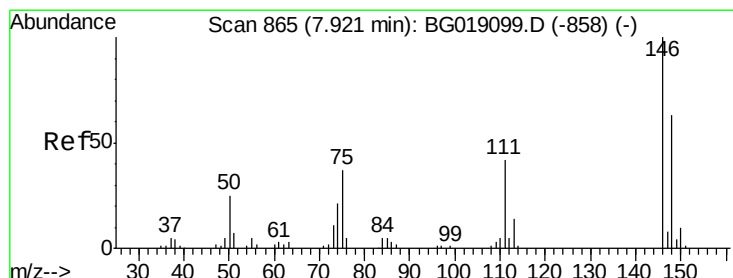
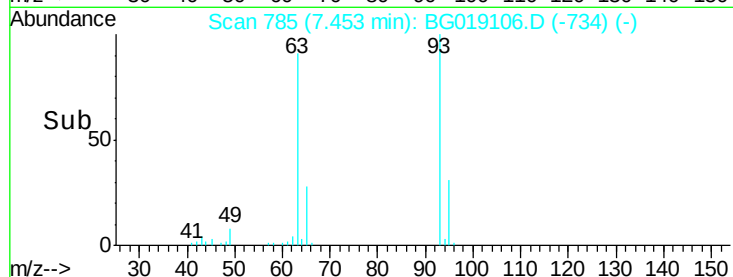
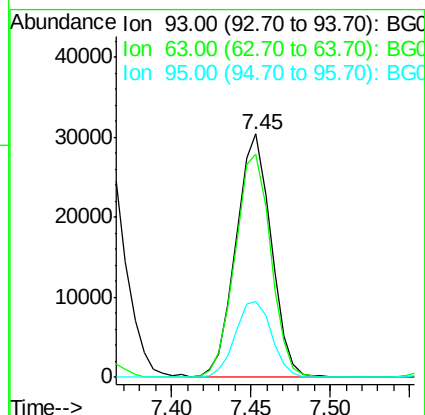
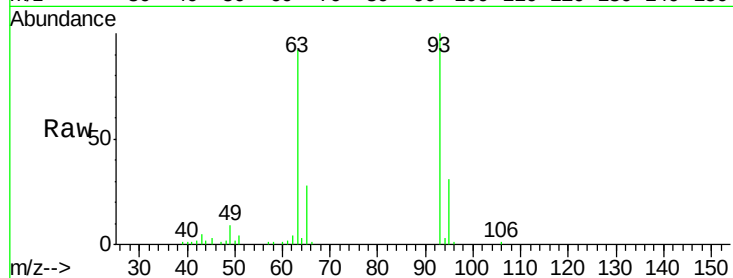




#11
bis(2-Chloroethyl)ether
Concen: 40.50 ng
RT: 7.45 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

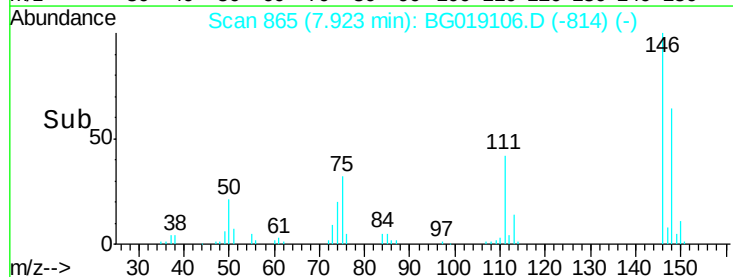
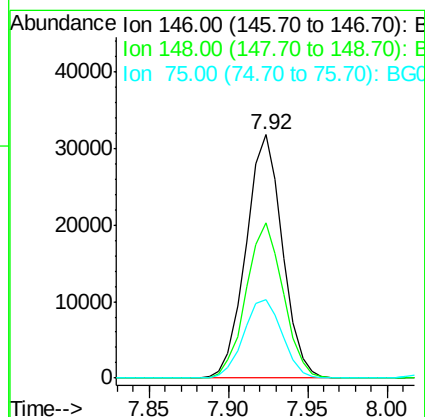
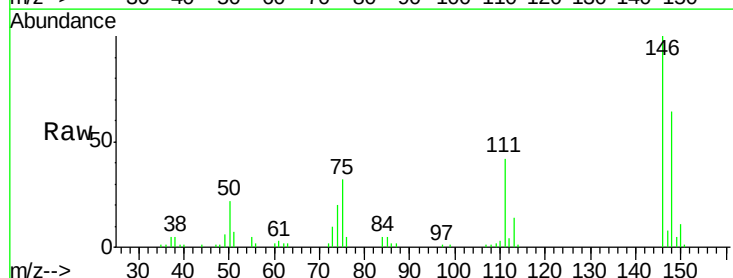
Instrument :
BNA_G
ClientSampleId :
PB85936BS

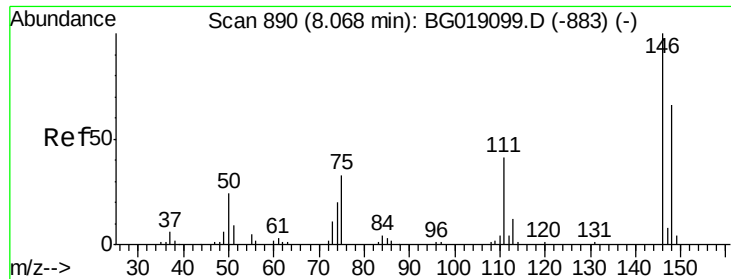
Tot Ion: 93 Resp: 47014
Ion Ratio Lower Upper
93 100
63 91.5 75.3 115.3
95 31.0 12.9 52.9



#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

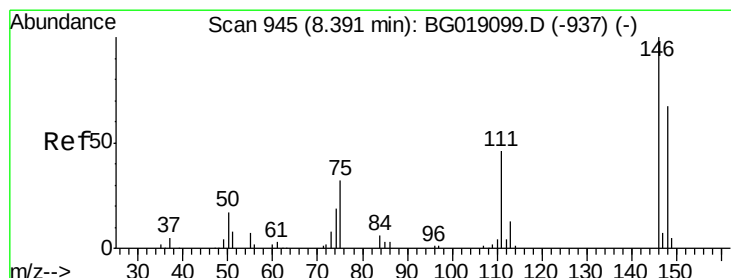
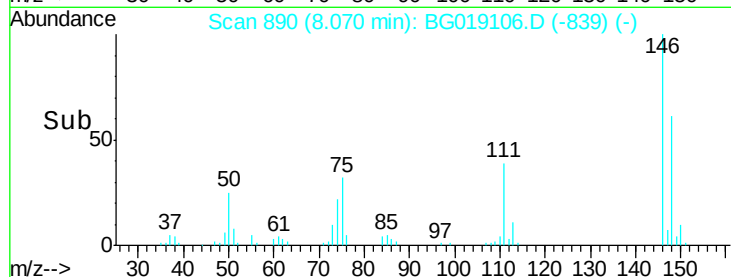
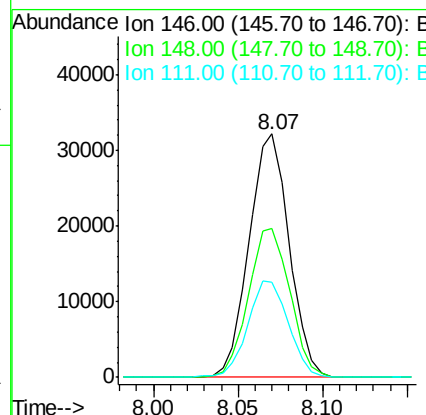
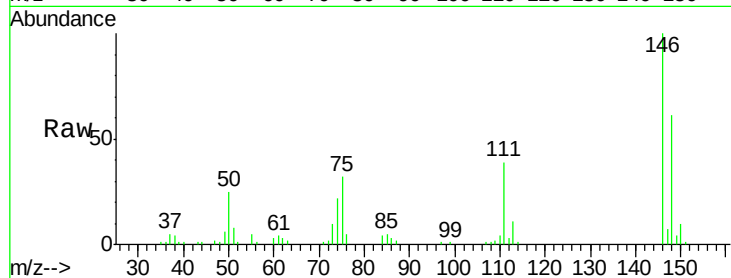




#13
 1,4-Dichlorobenzene
 Concen: 39.48 ng
 RT: 8.07 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

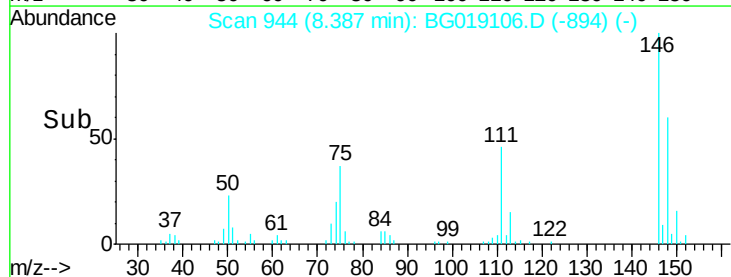
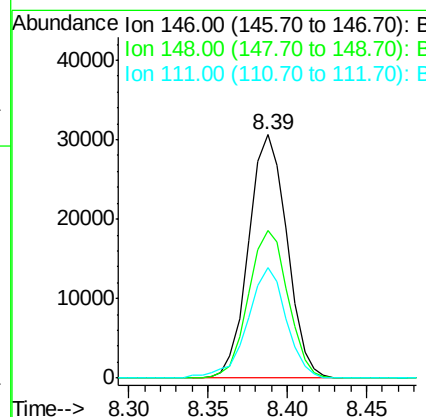
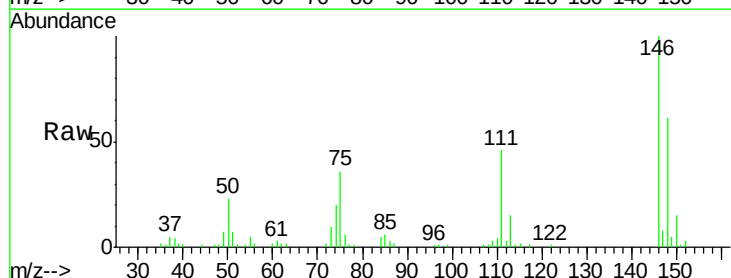
Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

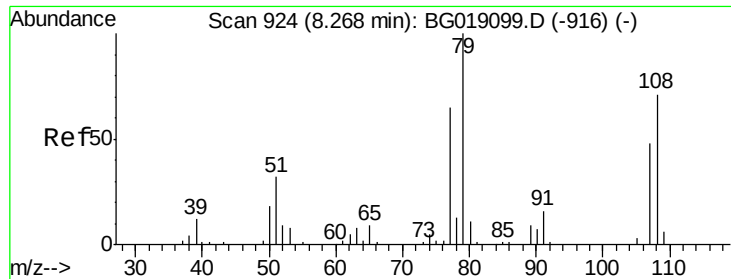
Tot Ion:146 Resp: 53148
 Ion Ratio Lower Upper
 146 100
 148 61.2 52.9 79.3
 111 38.9 33.1 49.7



#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 :

PB85936BS

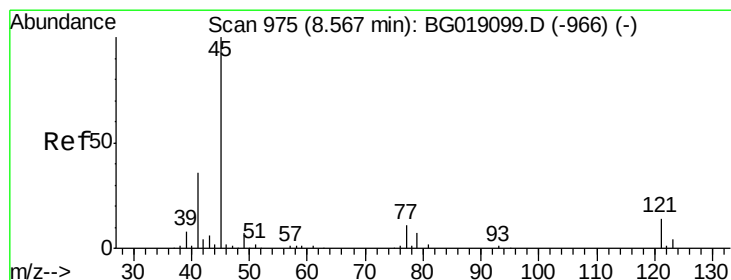
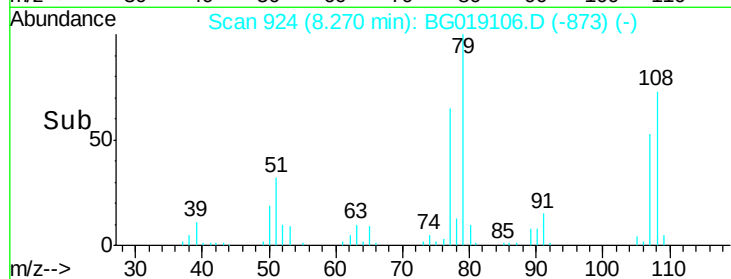
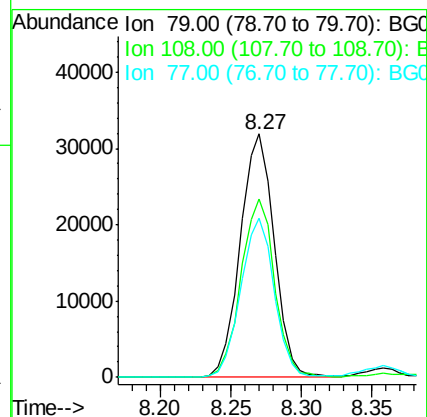
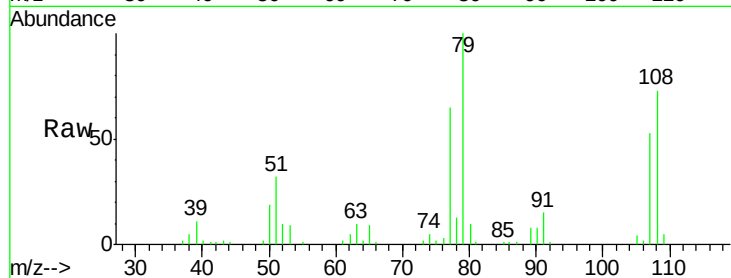
Tot Ion: 79 Resp: 53816

Ion Ratio Lower Upper

79 100

108 73.2 56.6 84.8

77 65.2 51.6 77.4



#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

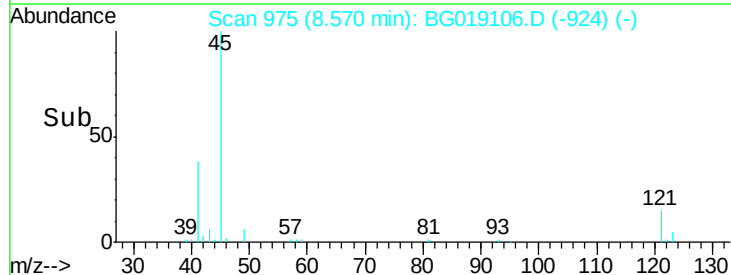
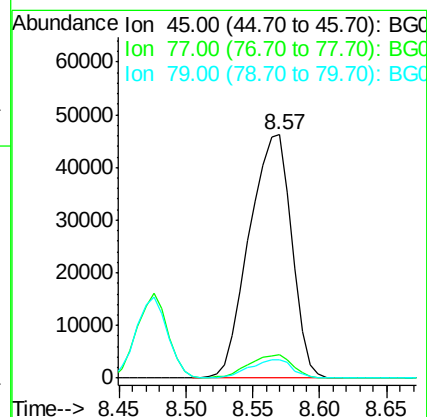
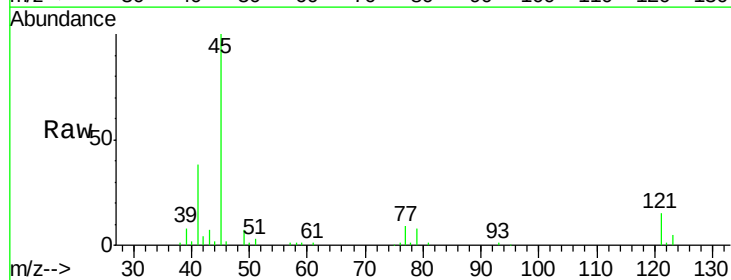
Tgt Ion: 45 Resp: 101602

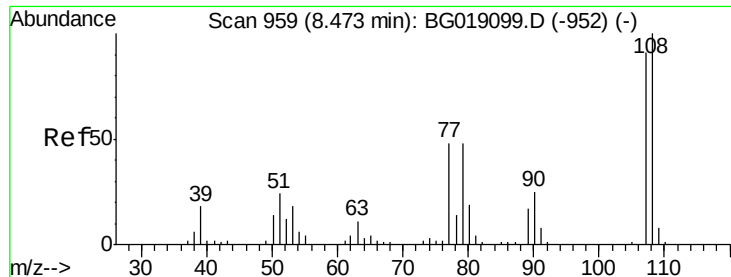
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.8

79 7.6 0.0 27.5

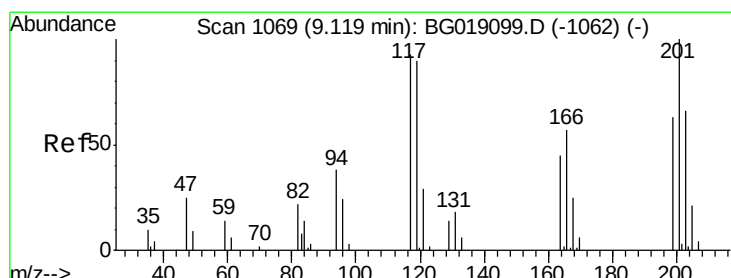
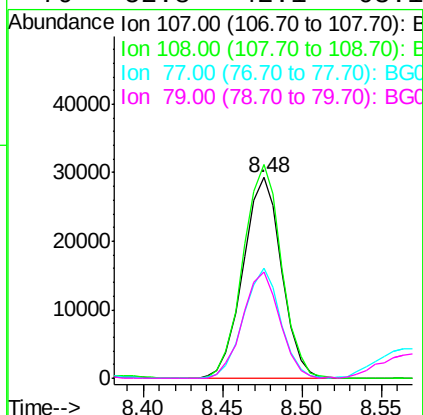
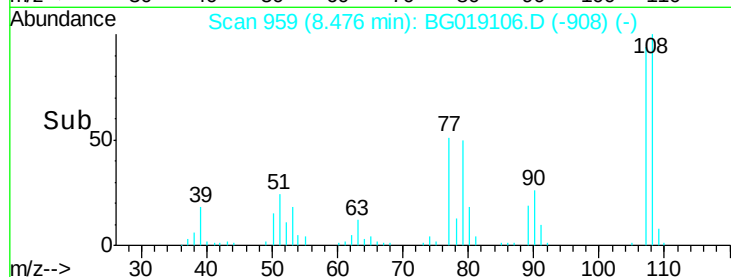
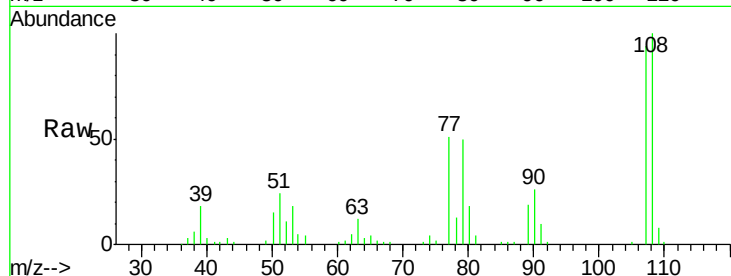




#17
2-Methylphenol
Concen: 44.93 ng
RT: 8.48 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

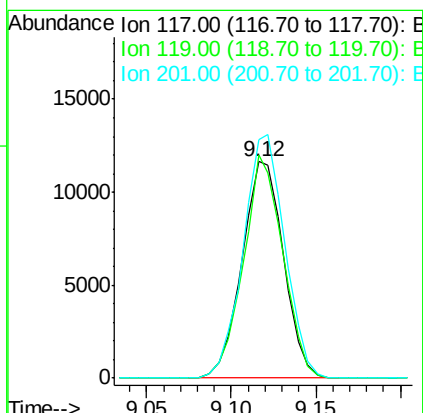
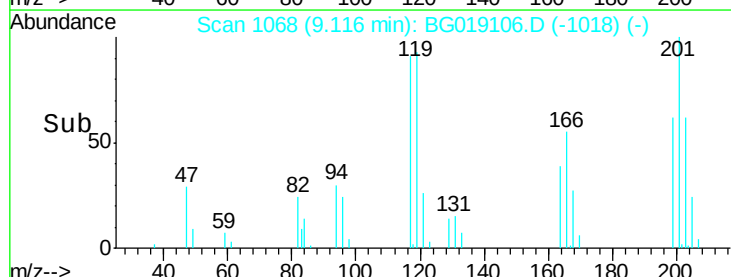
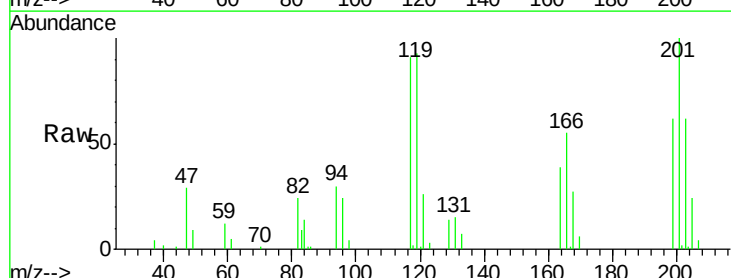
Instrument :
BNA_G
ClientSampleId :
PB85936BS

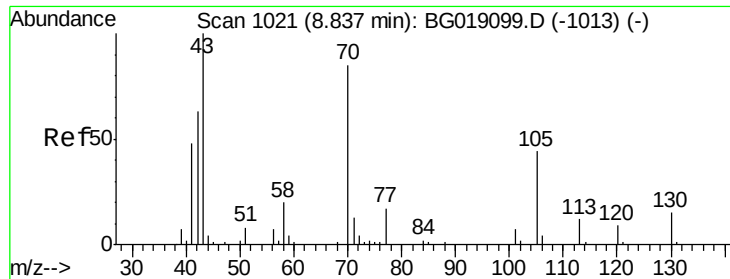
Tot Ion:	107	Resp:	49287
Ion	Ratio	Lower	Upper
107	100		
108	106.4	87.7	131.5
77	54.6	42.2	63.2
79	52.8	42.1	63.1



#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:	117	Resp:	19912
Ion	Ratio	Lower	Upper
117	100		
119	103.0	77.0	115.4
201	110.4	85.6	128.4

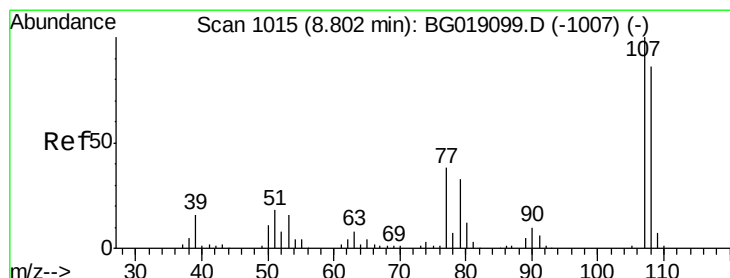
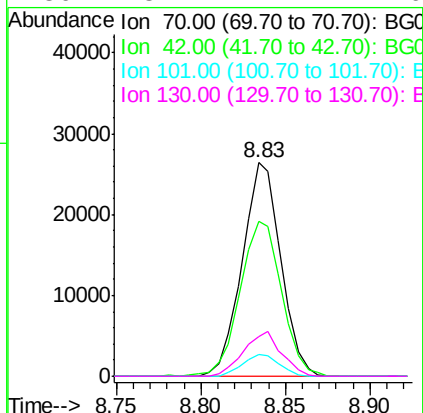
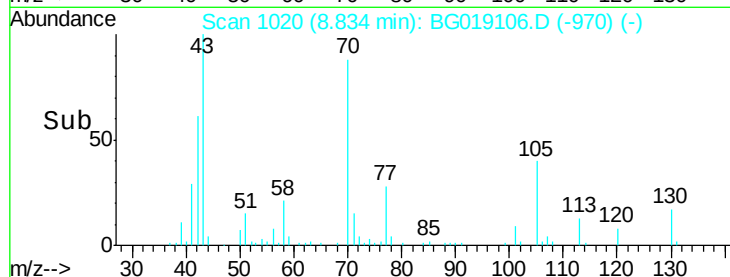
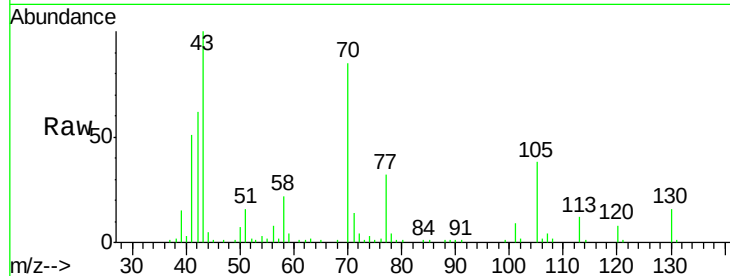




#19
n-Nitroso-di-n-propylamine
Concen: 35.78 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

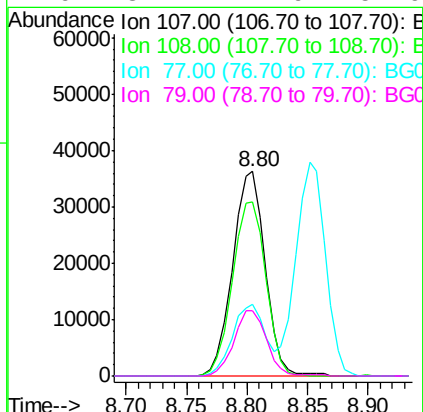
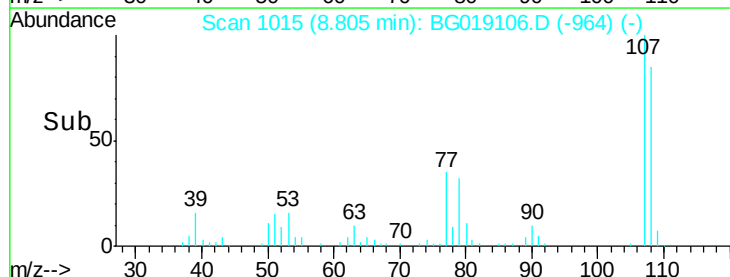
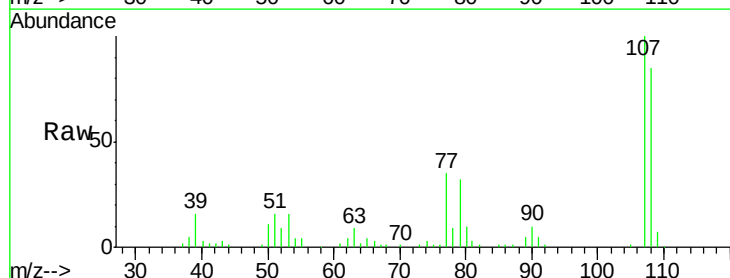
Instrument :
BNA_G
ClientSampleId :
PB85936BS

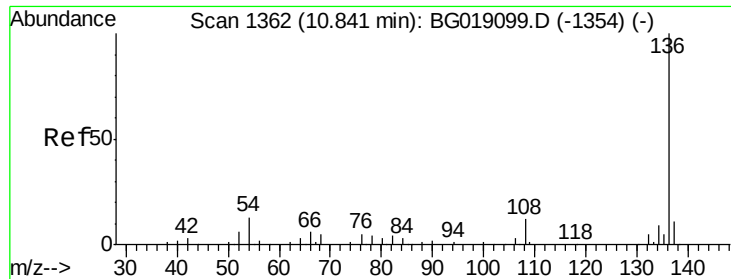
Tot Ion:	70	Resp:	41881
Ion	Ratio	Lower	Upper
70	100		
42	72.4	59.8	89.8
101	10.3	7.0	10.4
130	18.7	14.4	21.6



#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

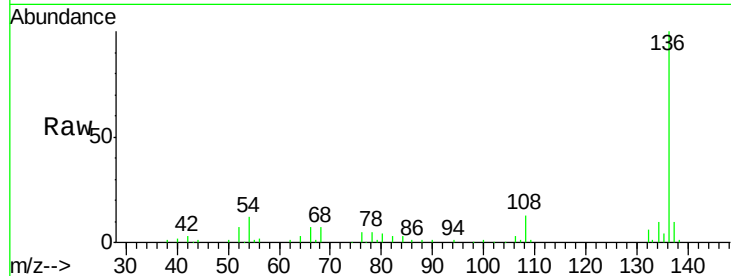




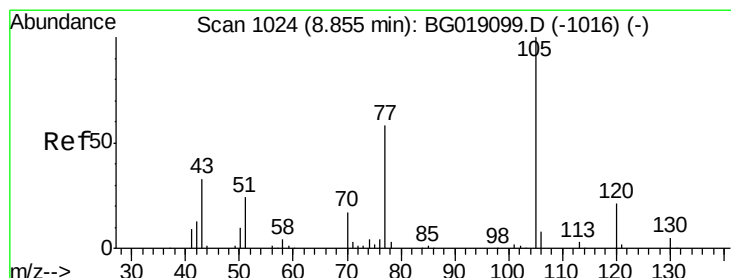
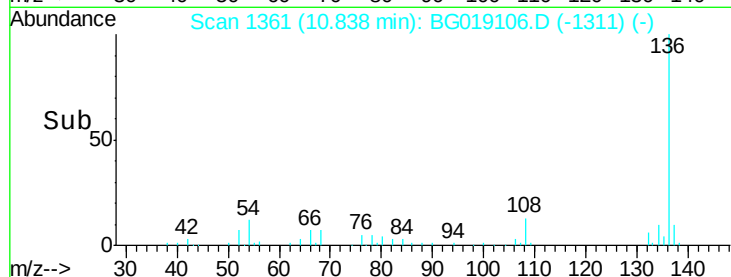
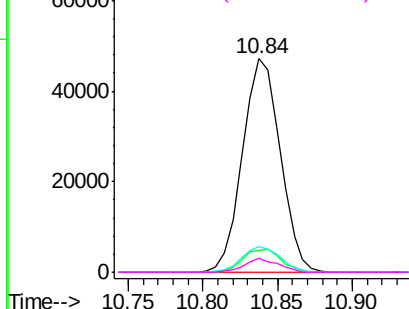
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :
PB85936BS

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#

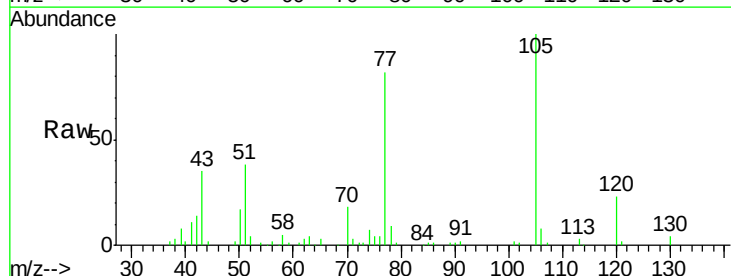


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

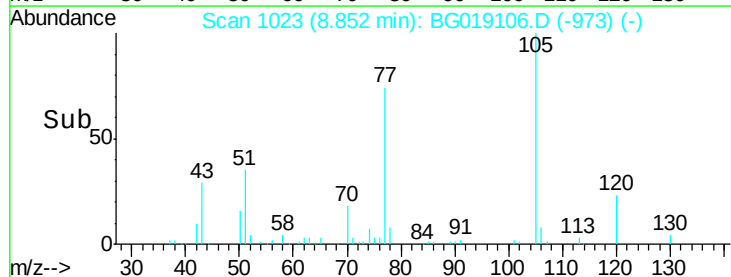
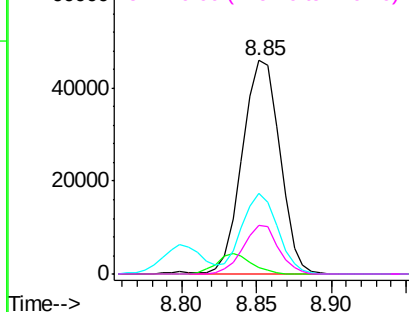


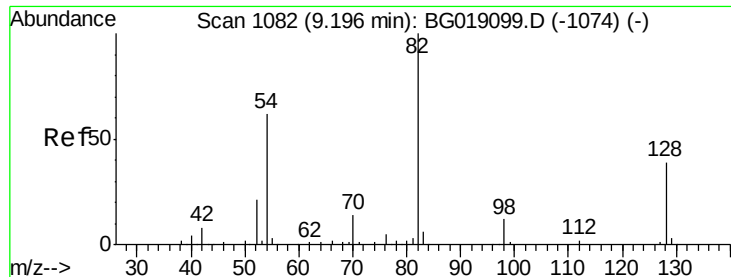
#22
Acetophenone
Concen: 41.61 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

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

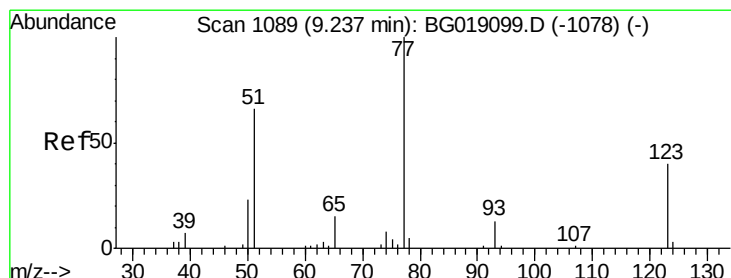
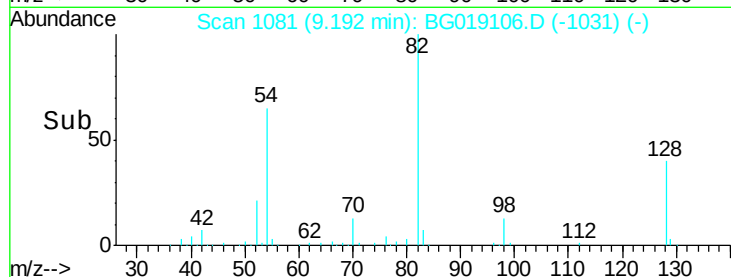
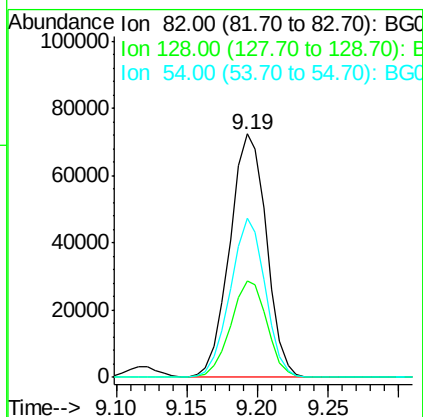
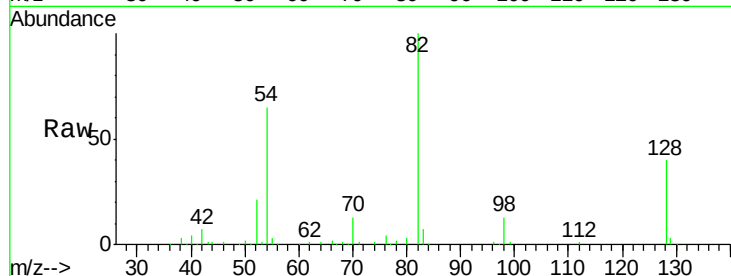




#23
Nitrobenzene-d5
Concen: 87.48 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

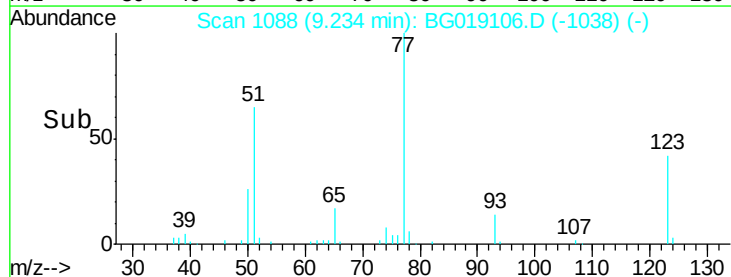
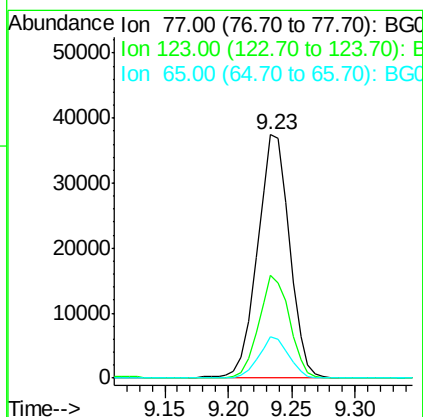
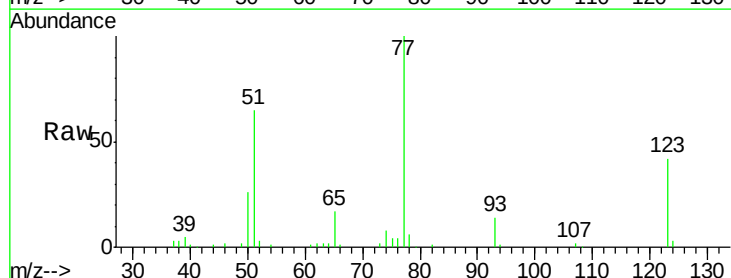
Instrument :
BNA_G
ClientSampleId :
PB85936BS

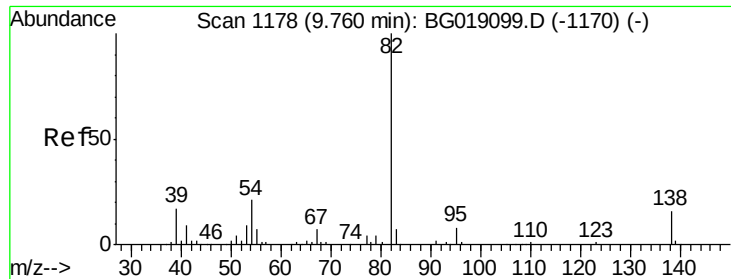
Tot Ion	82	Resp	130832
Ion Ratio	100	Lower	Upper
128	39.7	31.4	47.2
54	65.2	50.0	75.0



#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	100	Lower	Upper
123	42.5	31.8	47.6
65	16.8	11.8	17.6

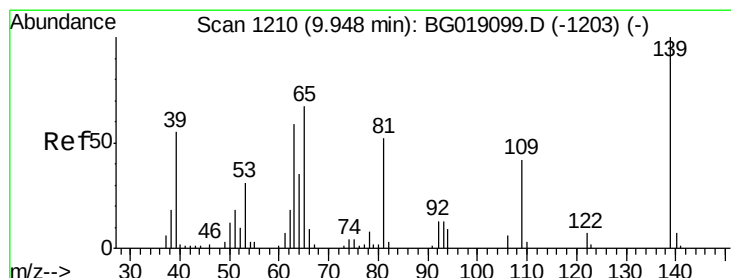
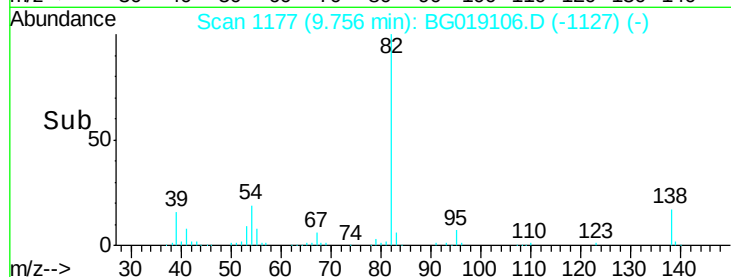
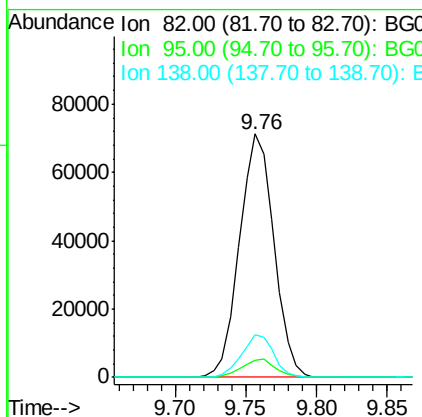
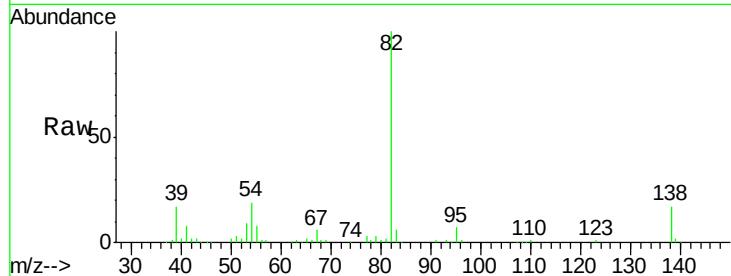




#25
Isophorone
Concen: 40.02 ng
RT: 9.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

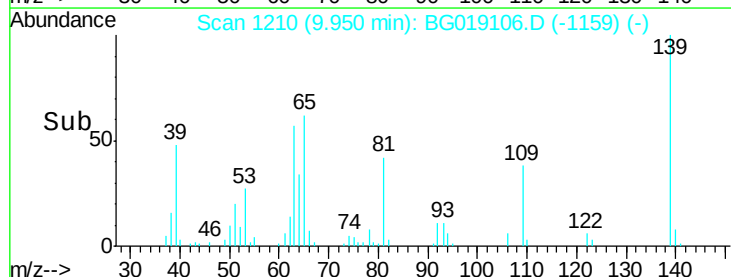
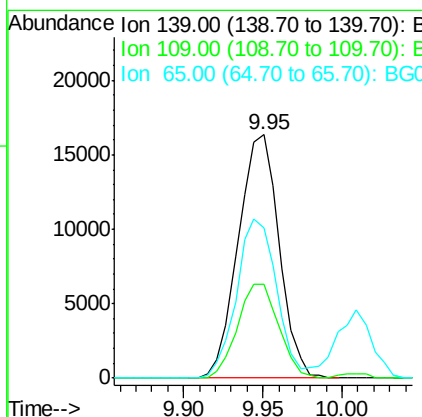
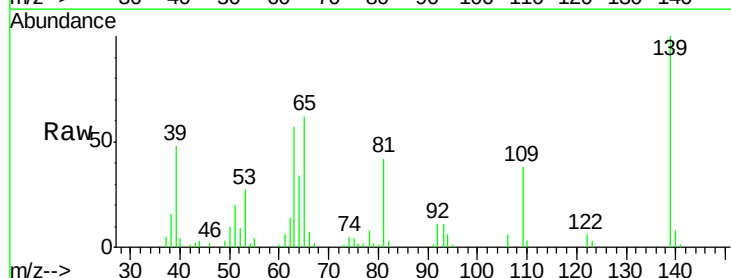
Instrument :
BNA_G
ClientSampleId :
PB85936BS

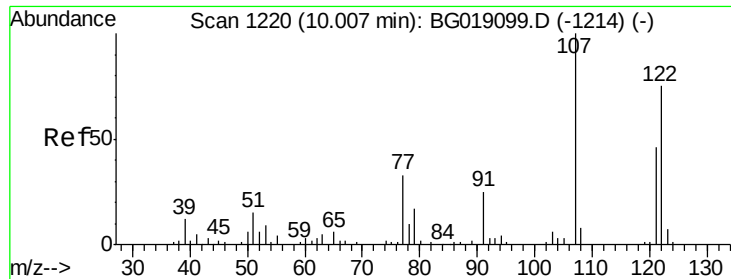
Tot Ion	82	Resp	121759
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.7	10.1
138	17.3	12.6	19.0



#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

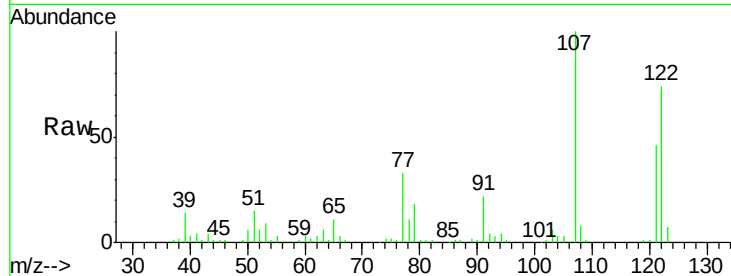




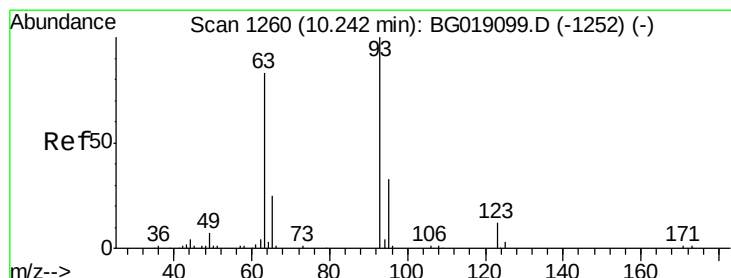
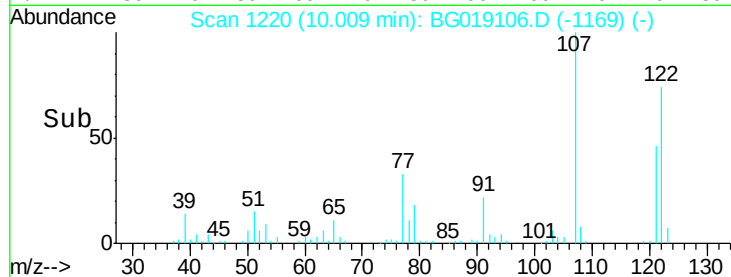
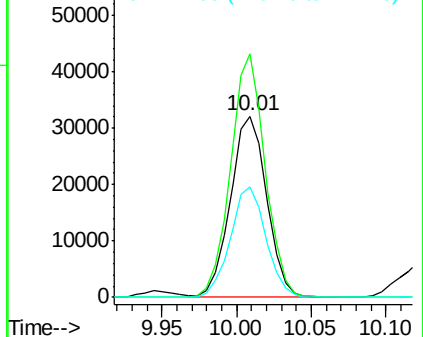
#27
 2,4-Dimethylphenol
 Concen: 45.97 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

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

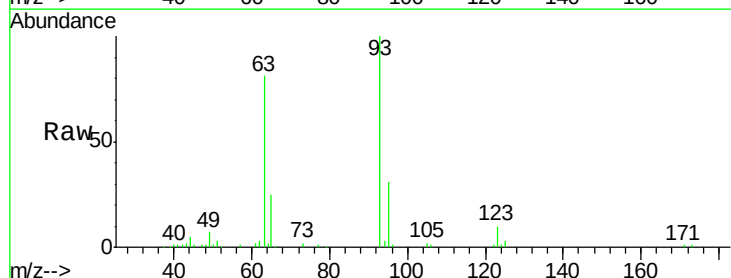


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

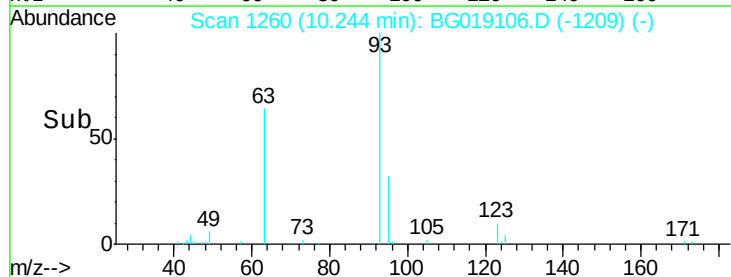
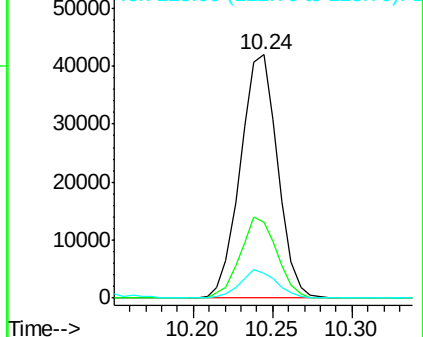


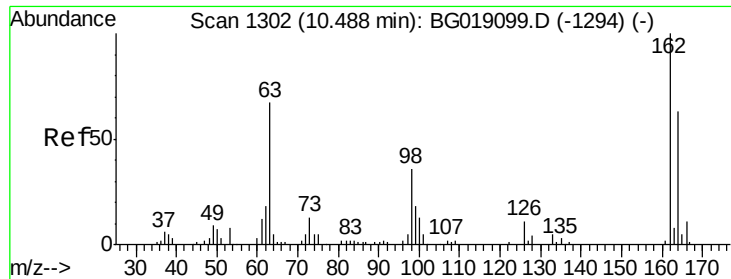
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.04 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

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

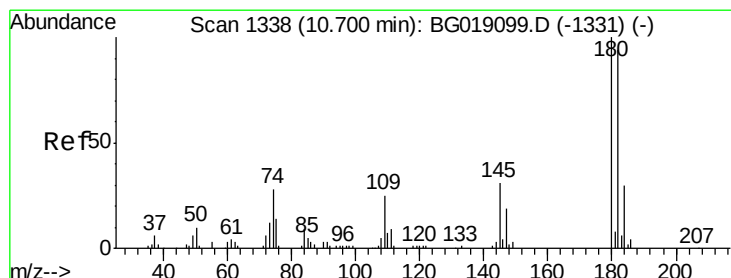
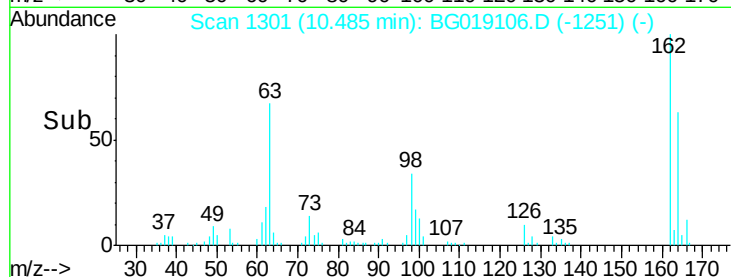
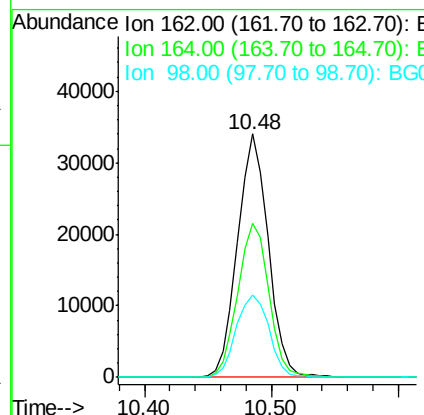
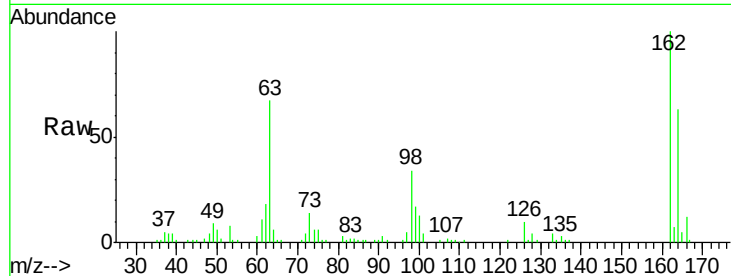




#29
 2,4-Dichlorophenol
 Concen: 45.98 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

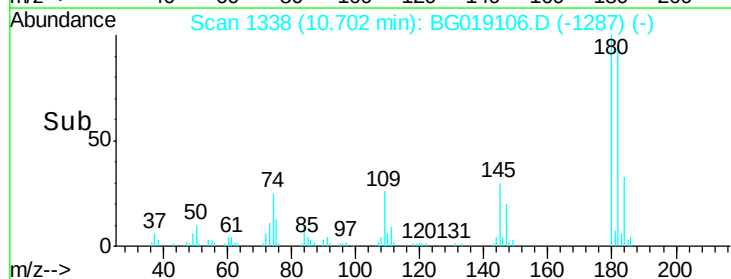
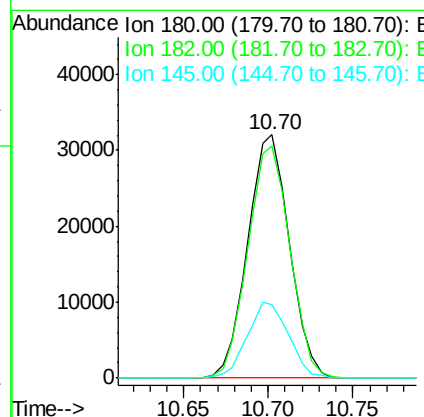
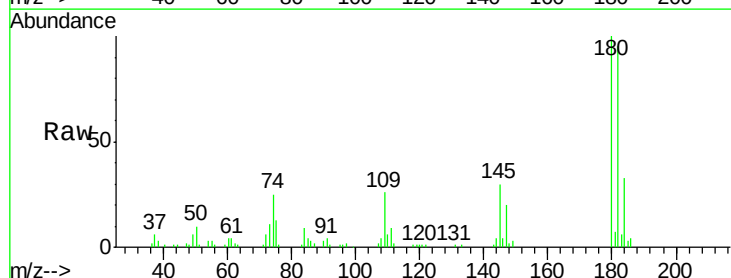
Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

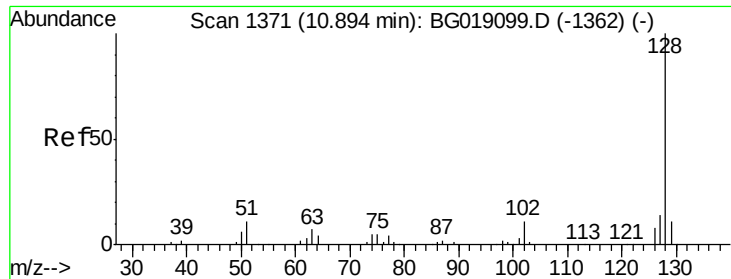
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.8	82.8
98	33.9	16.1	56.1



#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	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
145	30.3	24.9	37.3

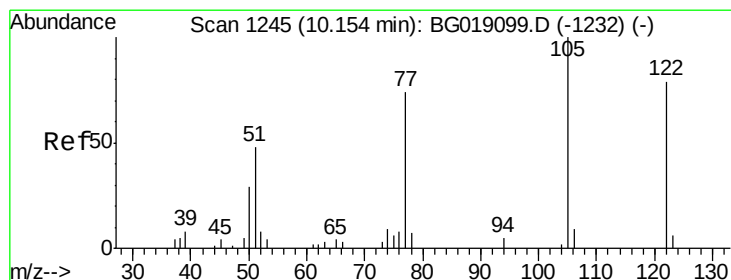
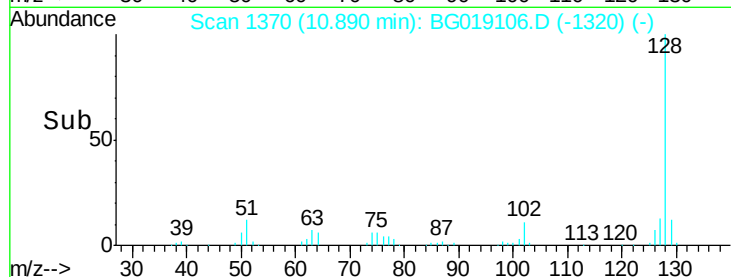
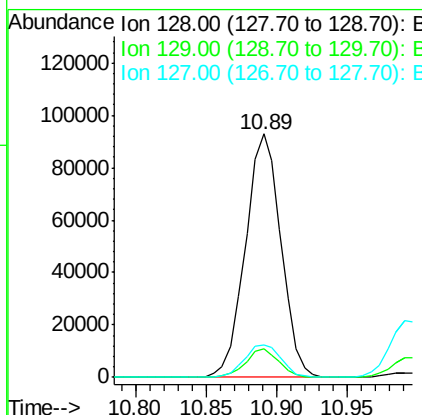
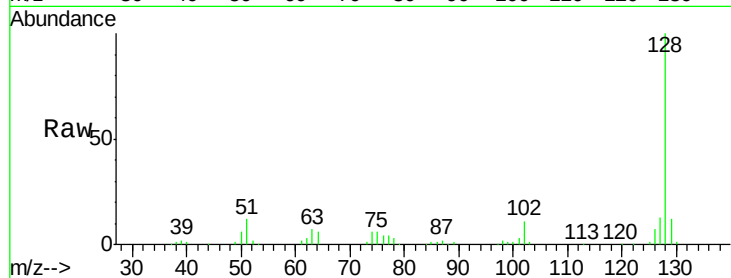




#31
Naphthalene
Concen: 41.25 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

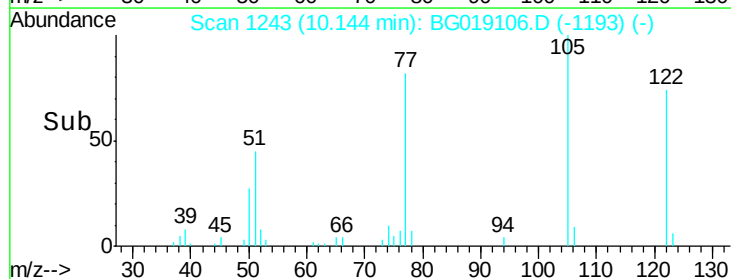
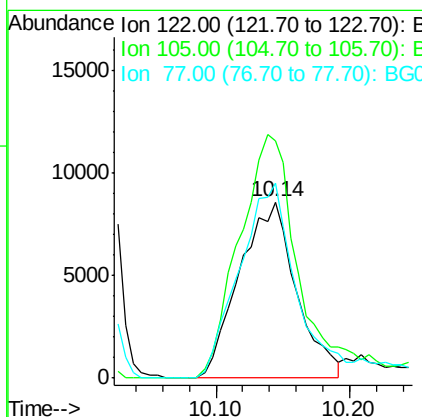
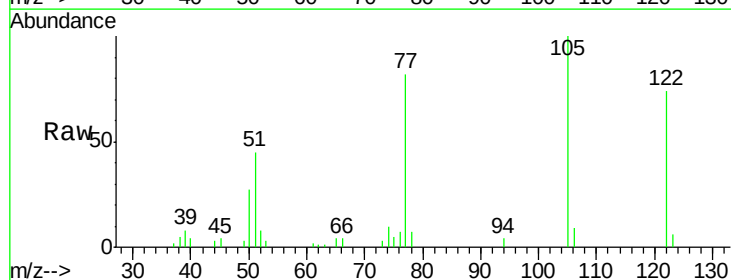
Instrument :
BNA_G
ClientSampleId :
PB85936BS

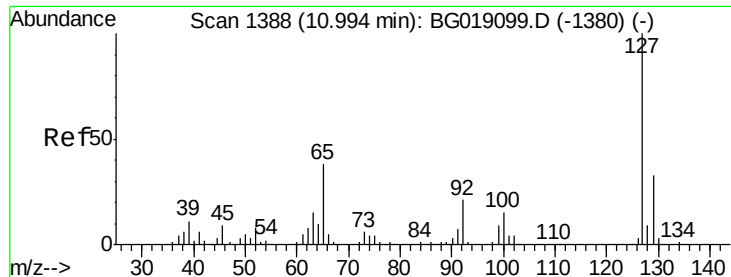
Tot Ion:128 Resp: 164059
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.1 11.4 17.0



#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

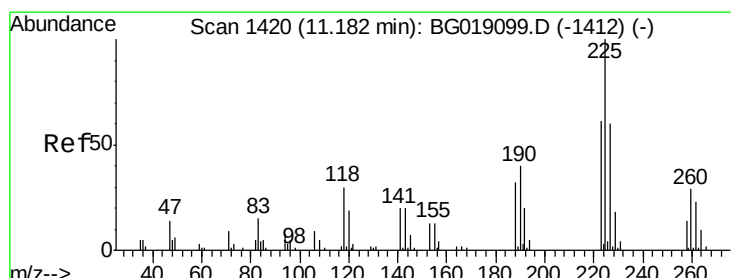
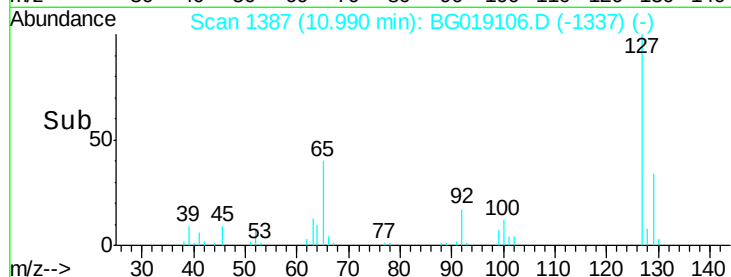
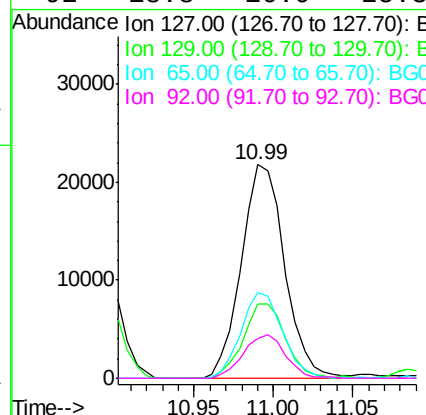
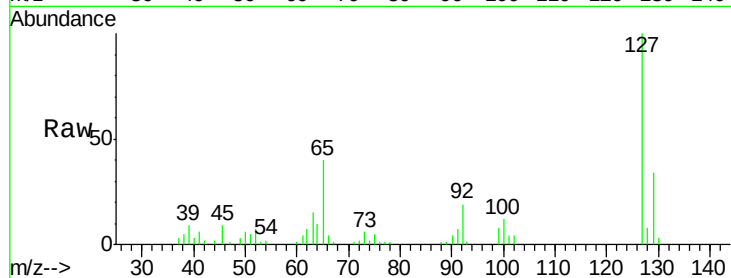




#33
4-Chloroaniline
Concen: 22.36 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

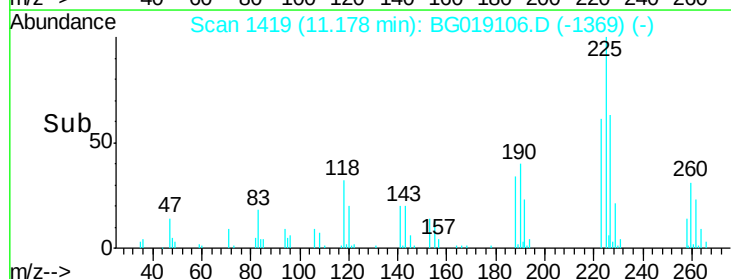
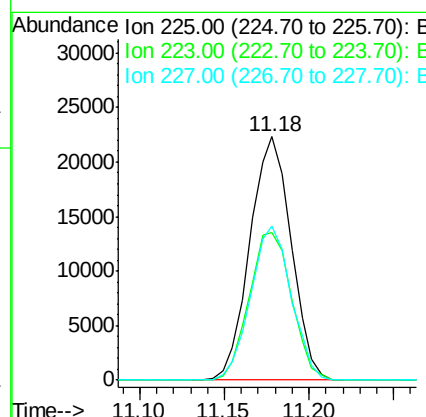
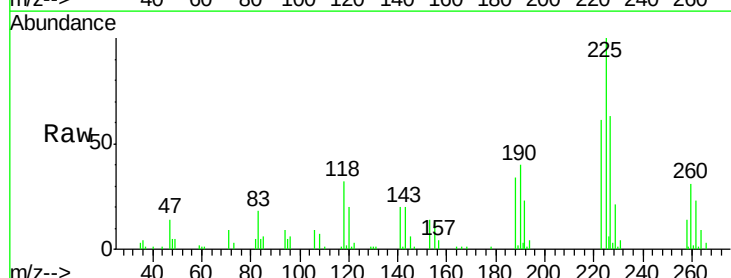
Instrument :
BNA_G
ClientSampleId :
PB85936BS

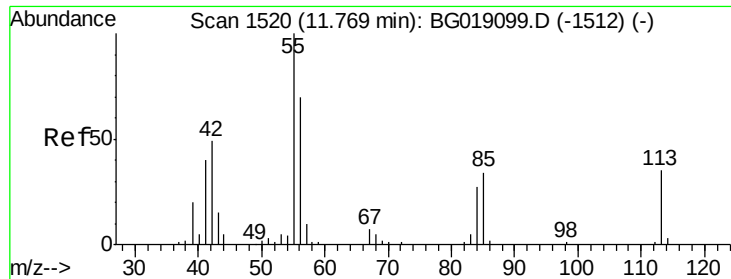
Tot Ion:	127	Resp:	41325
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.2	39.2
65	40.0	30.4	45.6
92	18.8	16.9	25.3



#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





#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 :

PB85936BS

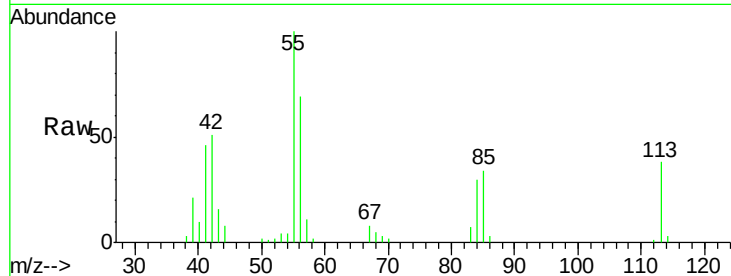
Tot Ion:113 Resp: 10343

Ion Ratio Lower Upper

113 100

55 260.0 263.4 303.4#

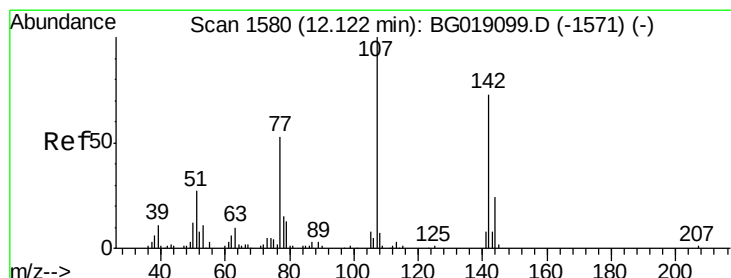
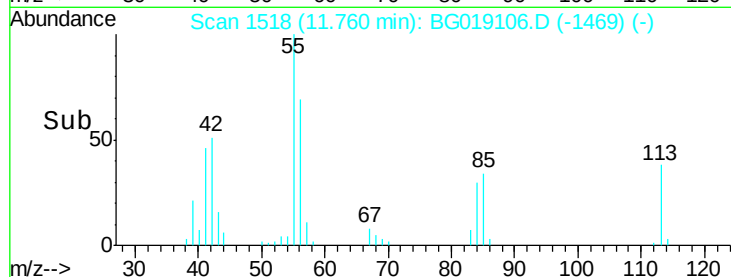
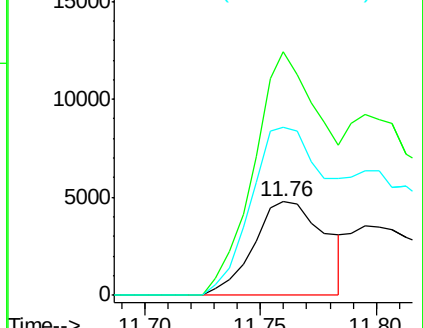
56 179.8 179.0 219.0



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

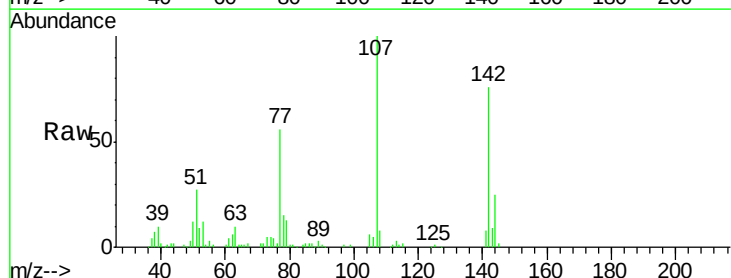
Tgt Ion:107 Resp: 71392

Ion Ratio Lower Upper

107 100

144 24.7 19.0 28.6

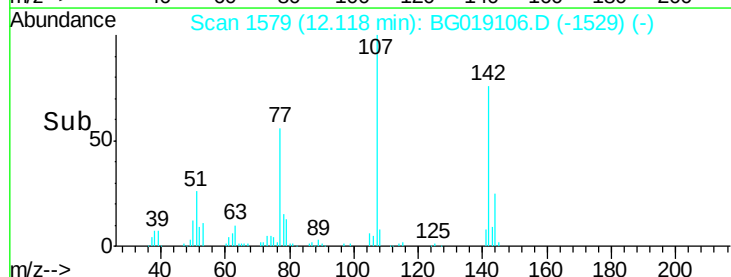
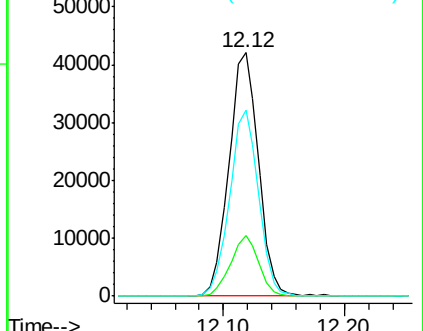
142 76.3 58.5 87.7

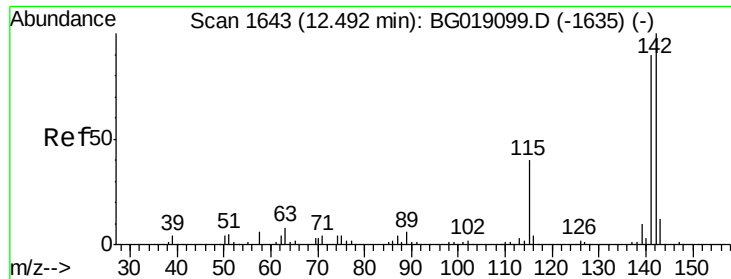


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

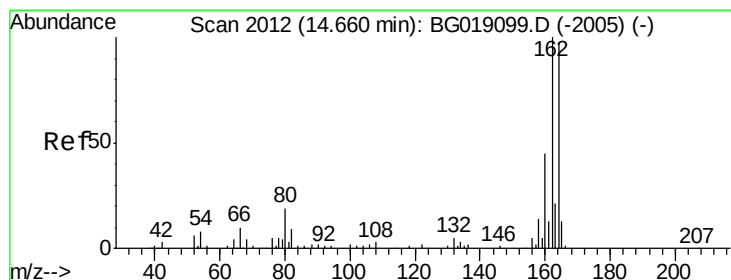
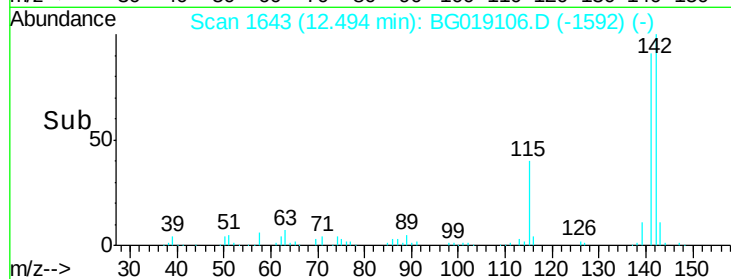
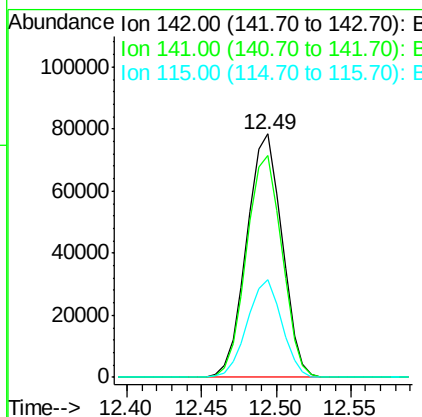
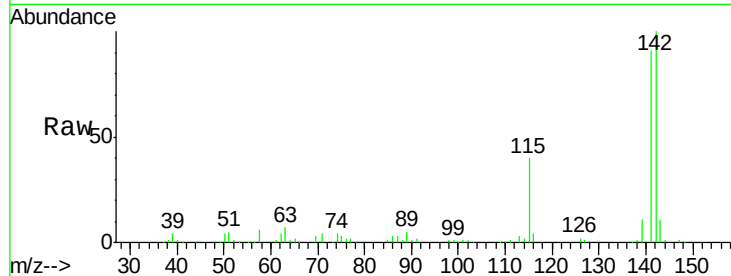




#37
 2-Methylnaphthalene
 Concen: 41.58 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

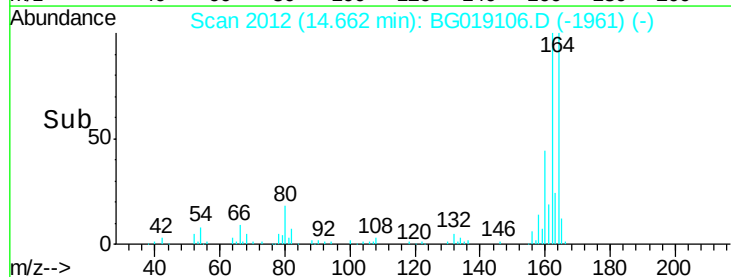
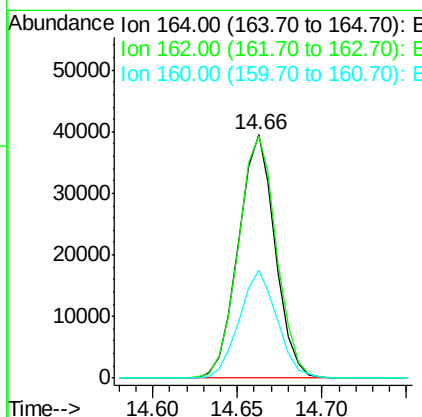
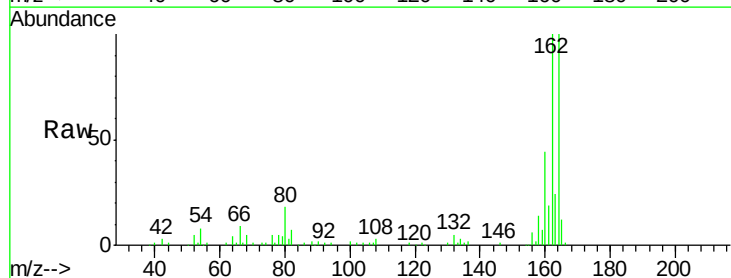
Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

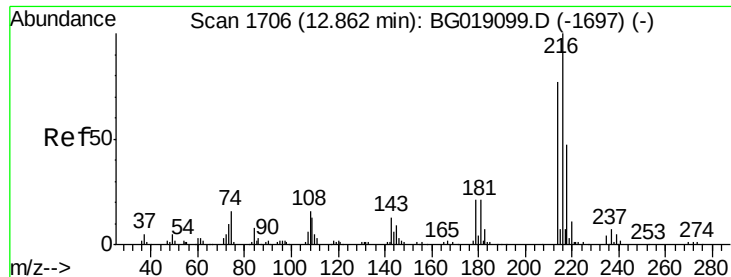
Tot Ion:142 Resp: 128480
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.1 108.1
 115 40.0 31.8 47.8



#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 :

PB85936BS

Tot Ion:216 Resp: 67712

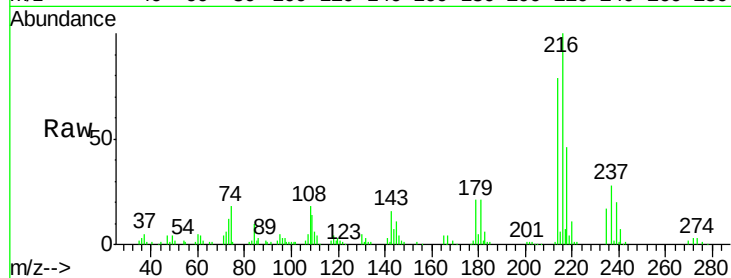
Ion Ratio Lower Upper

216 100

214 79.1 64.0 96.0

179 21.9 16.9 25.3

108 21.7 14.7 22.1

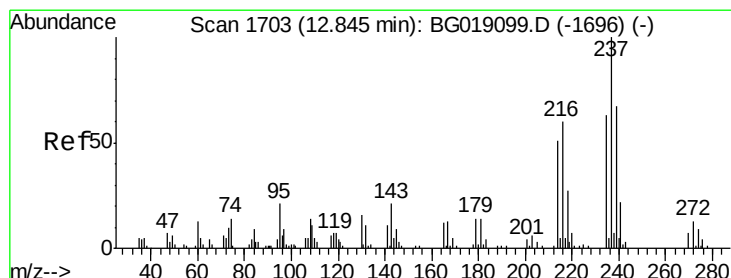
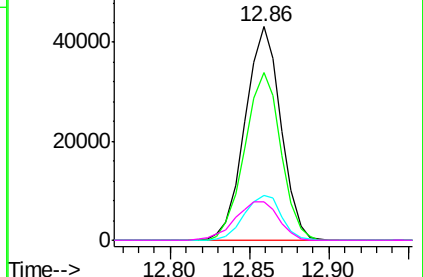
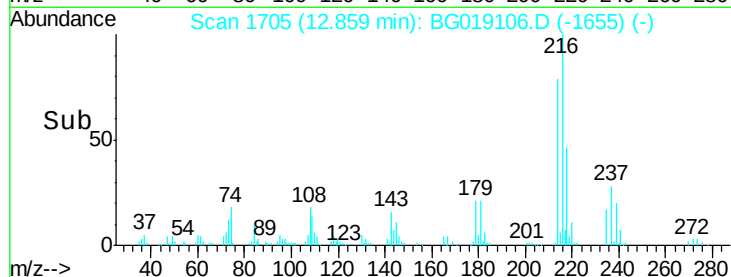


Abundance Ion 216.00 (215.70 to 216.70): E

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

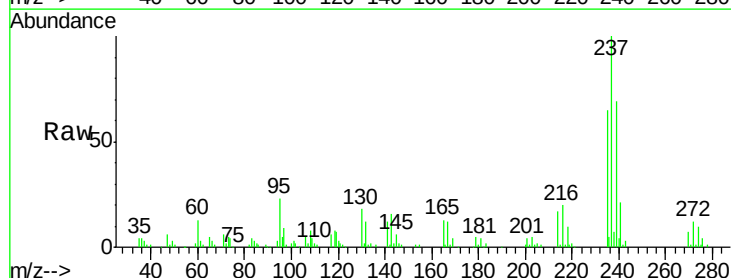
Tgt Ion:237 Resp: 84227

Ion Ratio Lower Upper

237 100

235 64.5 43.2 83.2

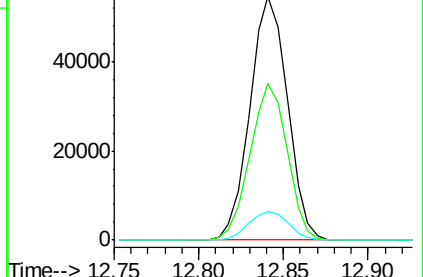
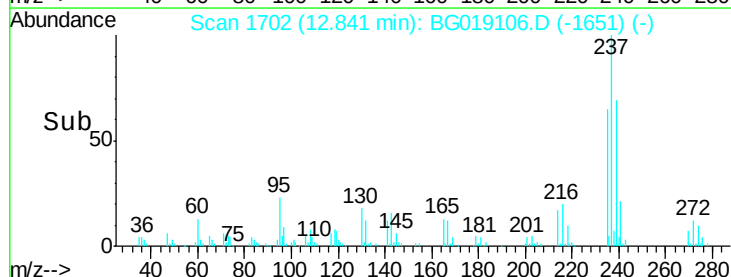
272 11.7 0.0 33.2

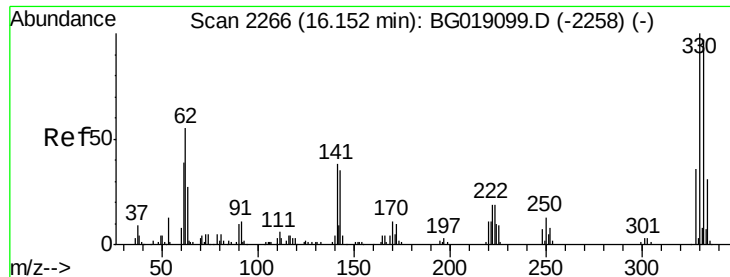


Abundance Ion 236.80 (236.50 to 237.50): E

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

ClientSampleId :

PB85936BS

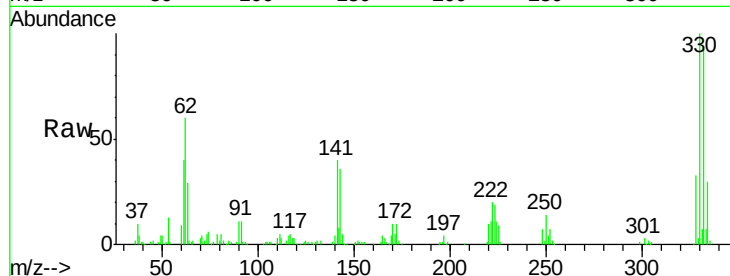
Tot Ion:330 Resp: 108952

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

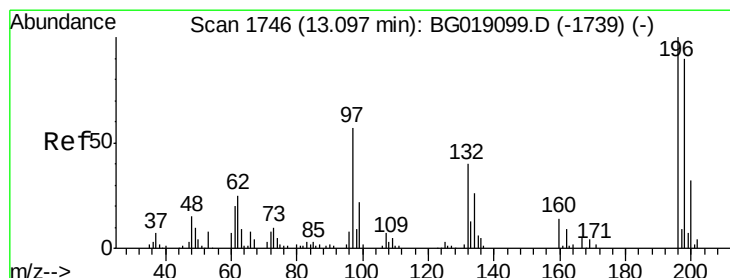
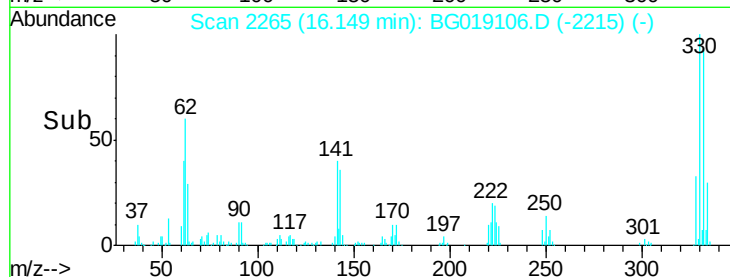
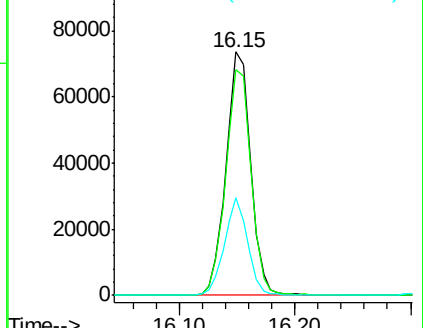
141 37.5 30.7 46.1



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

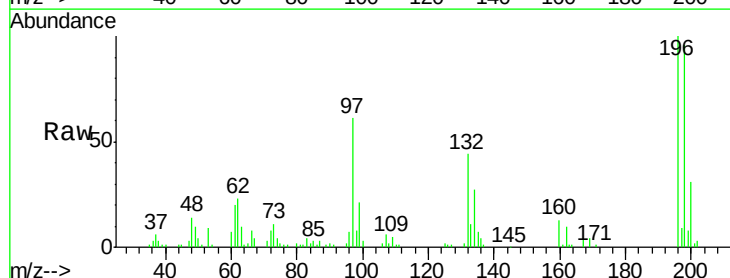
Tgt Ion:196 Resp: 49851

Ion Ratio Lower Upper

196 100

198 96.0 72.0 108.0

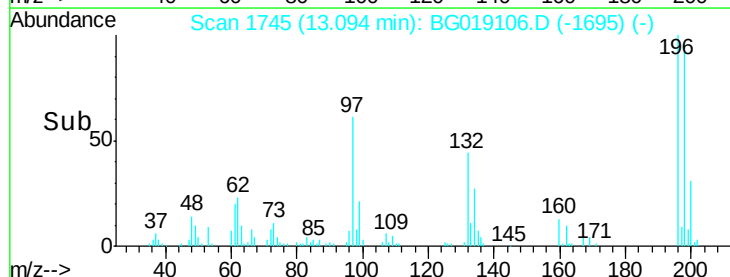
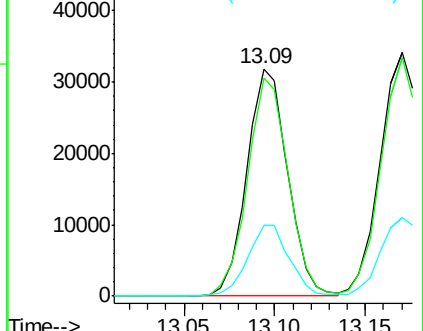
200 31.3 25.5 38.3

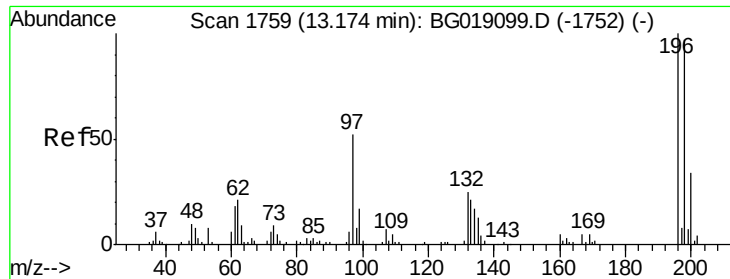


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

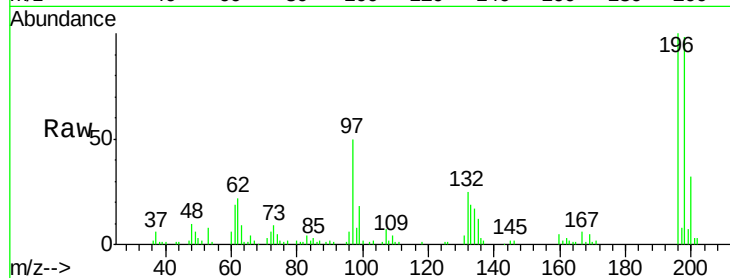




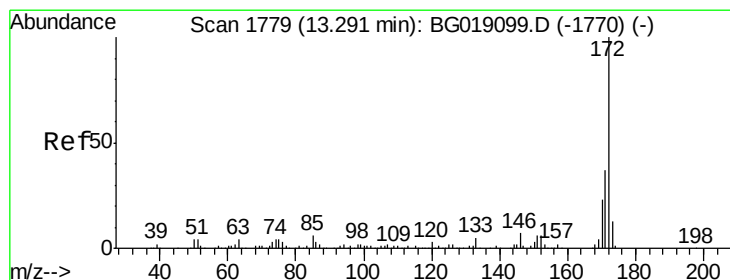
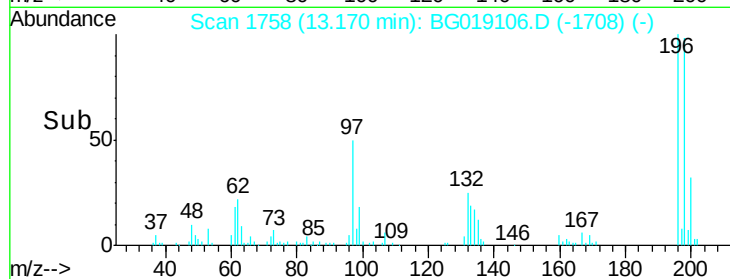
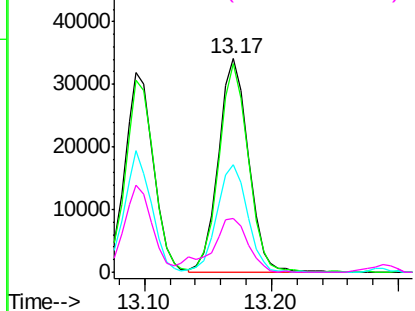
#43
 2,4,5-Trichlorophenol
 Concen: 44.38 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

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

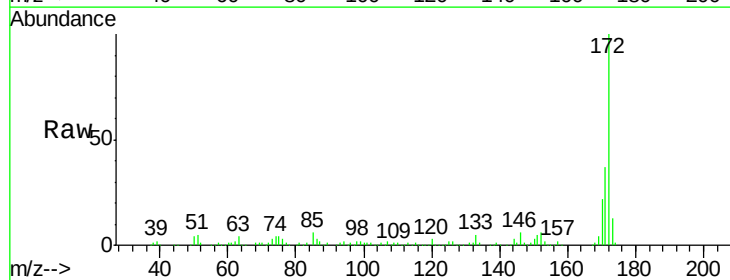


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

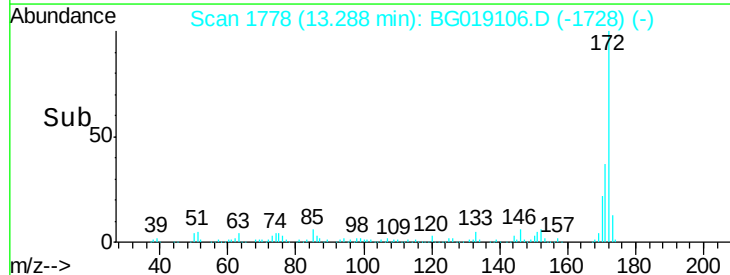
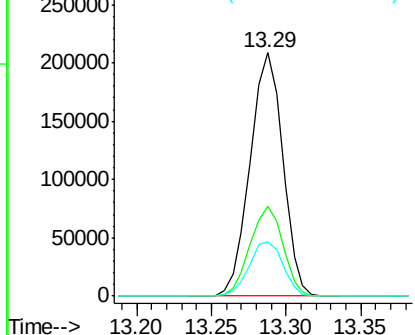


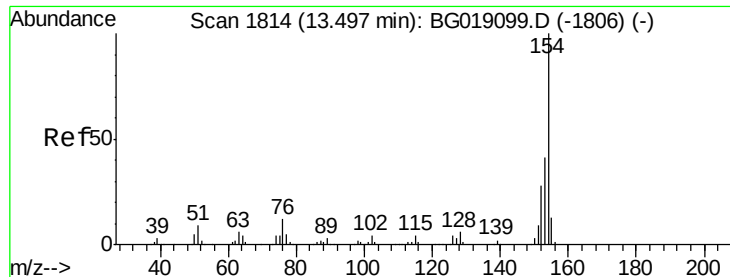
#44
 2-Fluorobiphenyl
 Concen: 81.27 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

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 :

PB85936BS

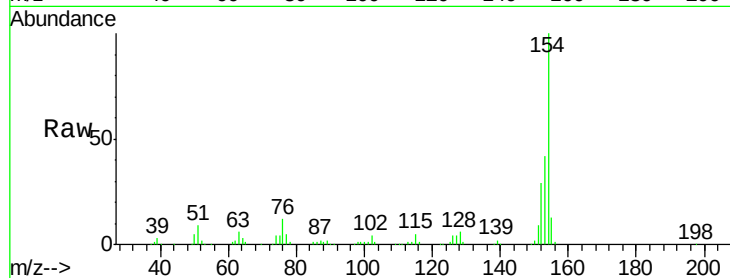
Tot Ion:154 Resp: 171506

Ion Ratio Lower Upper

154 100

153 41.8 20.6 60.6

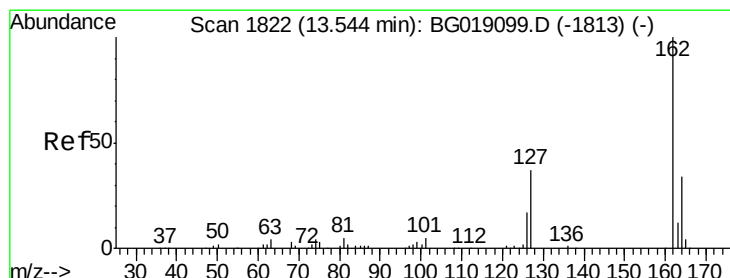
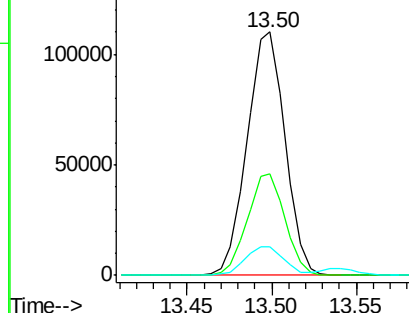
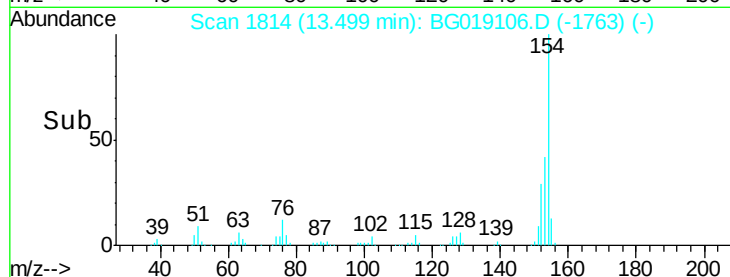
76 11.8 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#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

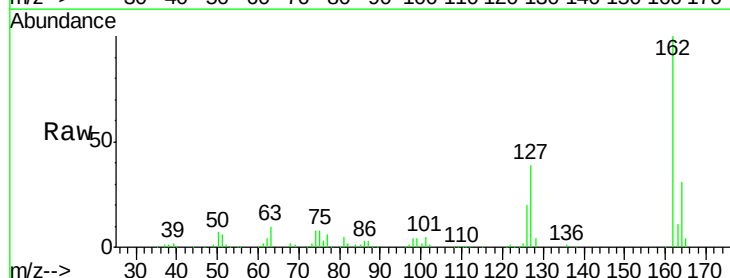
Tgt Ion:162 Resp: 133846

Ion Ratio Lower Upper

162 100

127 39.3 32.2 48.4

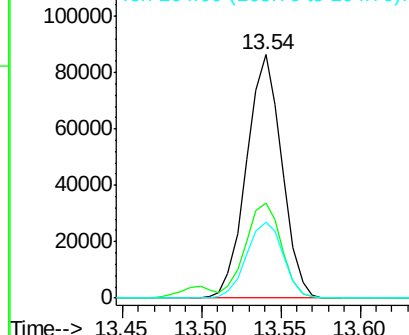
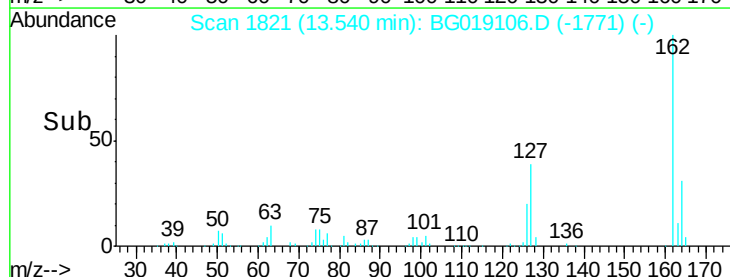
164 31.2 27.3 40.9

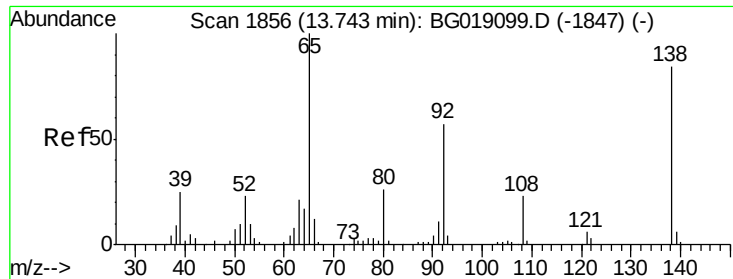


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

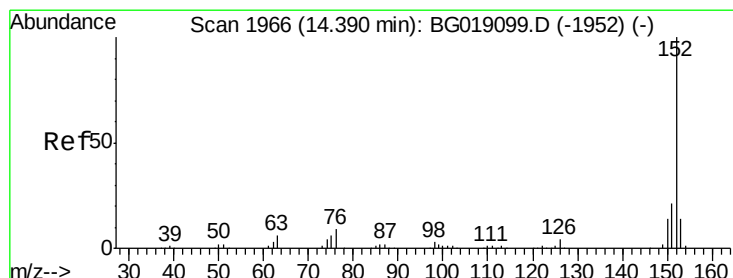
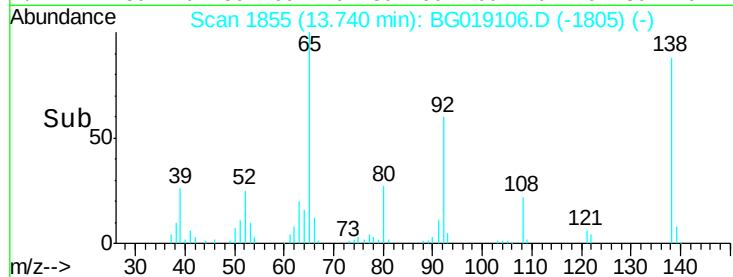
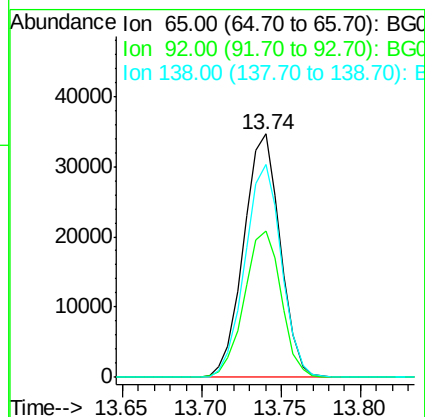
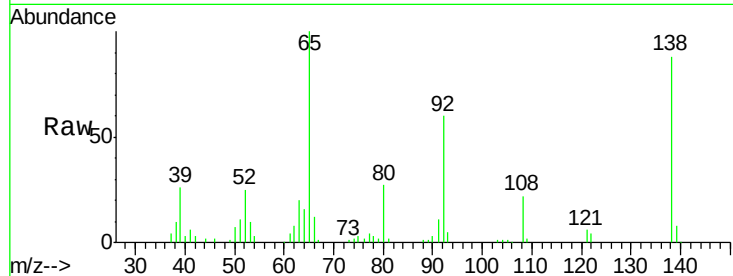




#47
2-Nitroaniline
Concen: 41.49 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

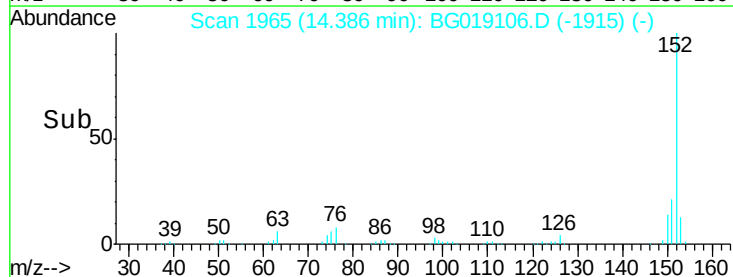
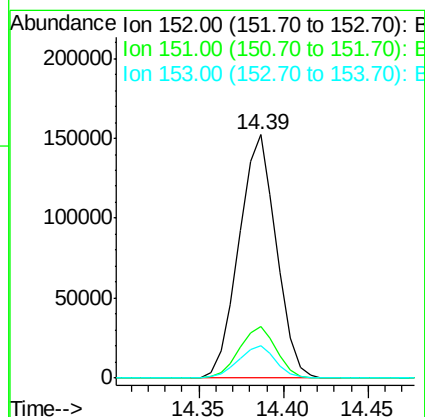
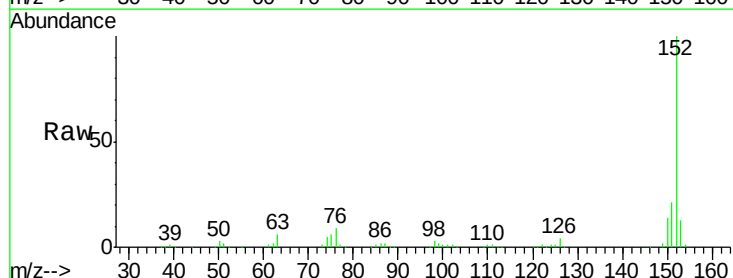
Instrument :
BNA_G
ClientSampleId :
PB85936BS

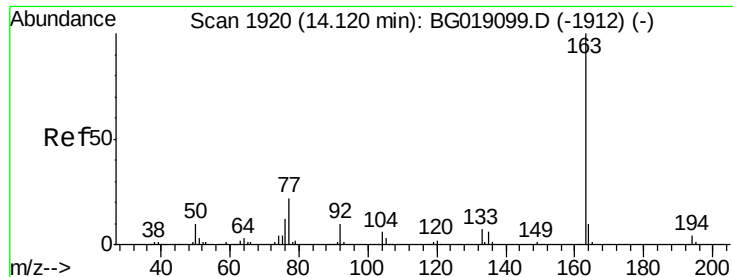
Tot Ion: 65 Resp: 55425
Ion Ratio Lower Upper
65 100
92 60.1 45.8 68.8
138 87.5 66.9 100.3



#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 :

PB85936BS

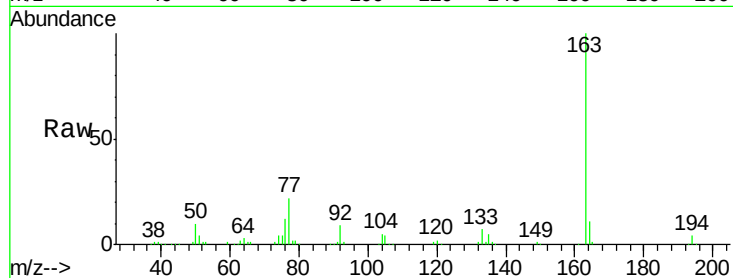
Tot Ion:163 Resp: 193711

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

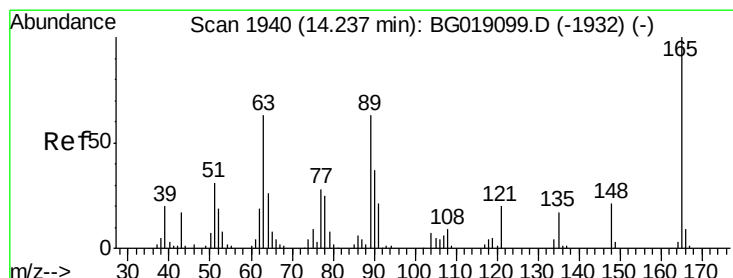
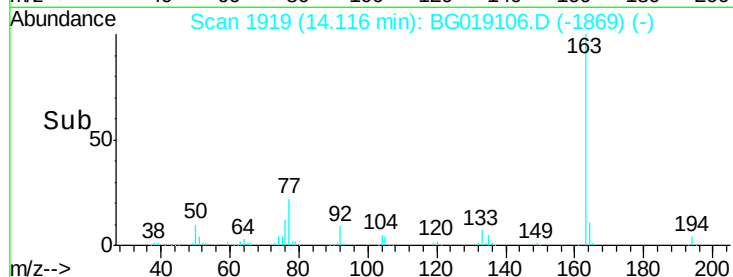
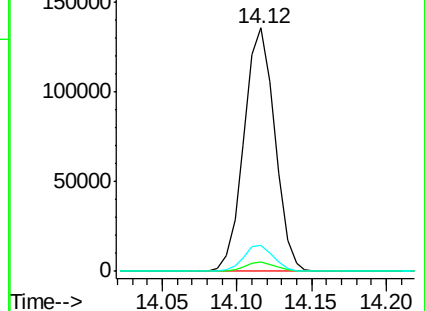
164 10.7 8.1 12.1



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

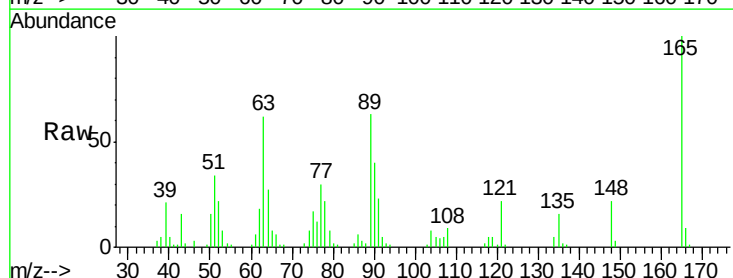
Tgt Ion:165 Resp: 42542

Ion Ratio Lower Upper

165 100

63 61.5 52.6 78.8

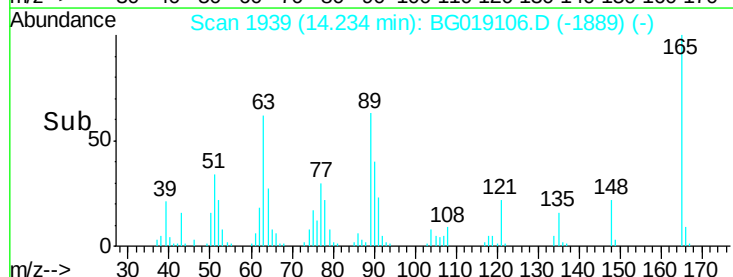
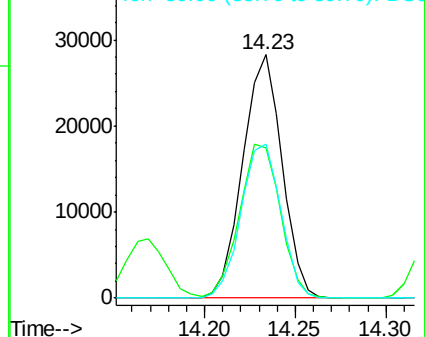
89 63.1 50.6 76.0

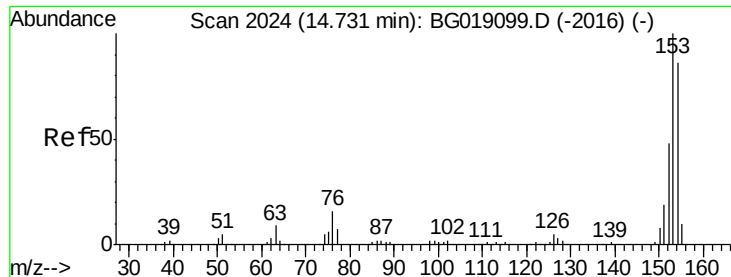


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#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

ClientSampleId :

PB85936BS

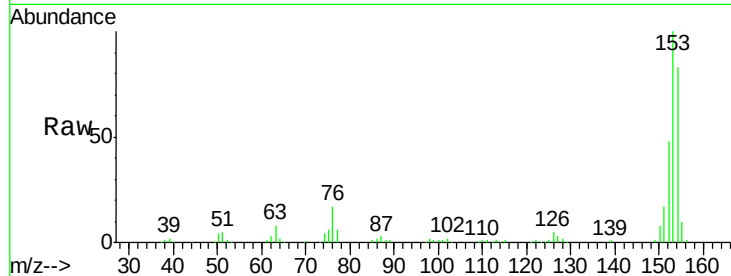
Tot Ion:154 Resp: 138973

Ion Ratio Lower Upper

154 100

153 119.8 93.4 140.2

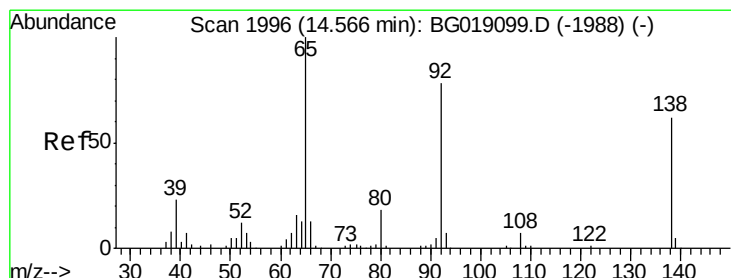
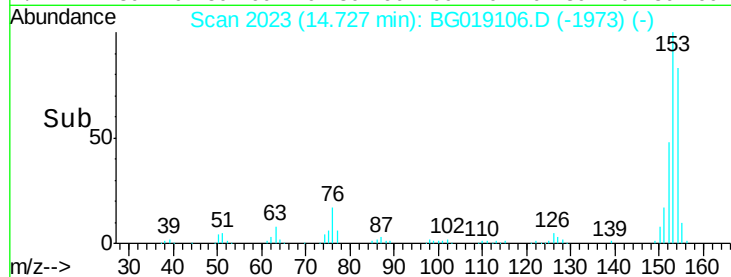
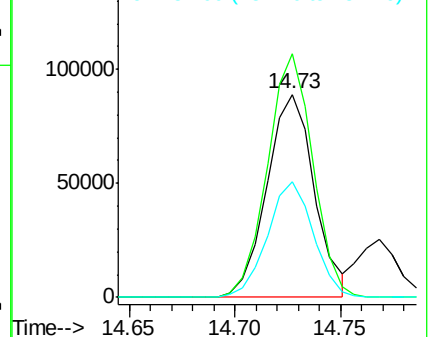
152 57.1 44.9 67.3



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

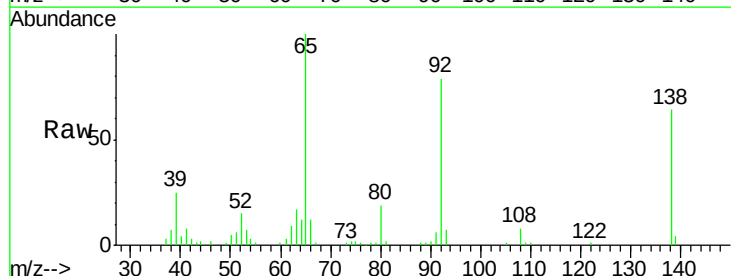
Tgt Ion:138 Resp: 31325

Ion Ratio Lower Upper

138 100

108 11.9 8.6 13.0

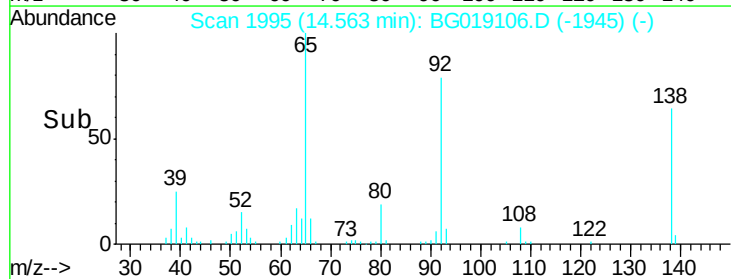
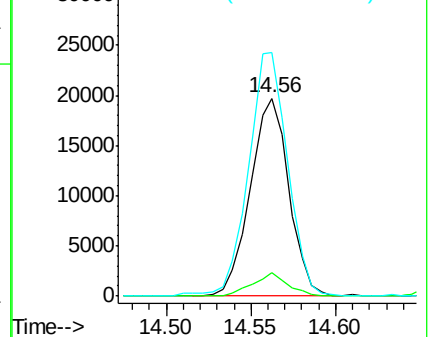
92 123.2 101.4 152.0

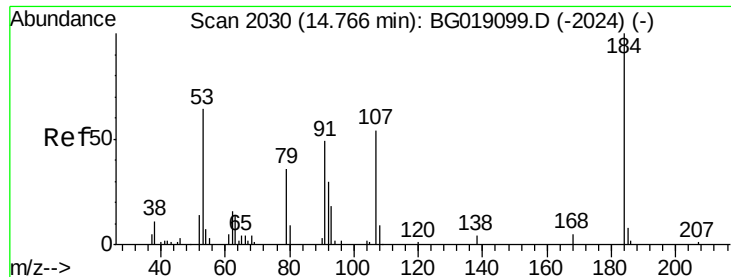


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

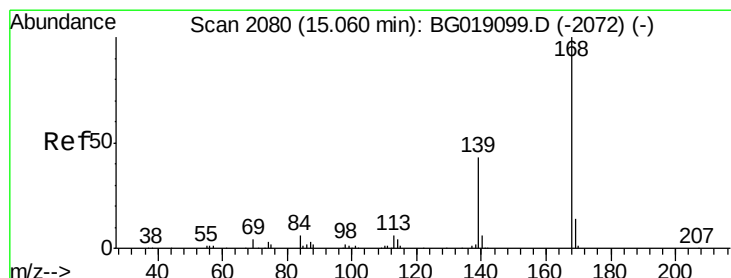
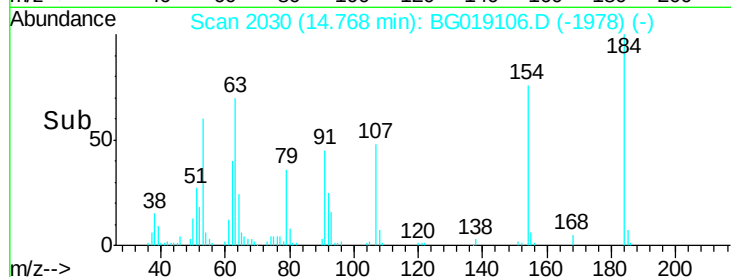
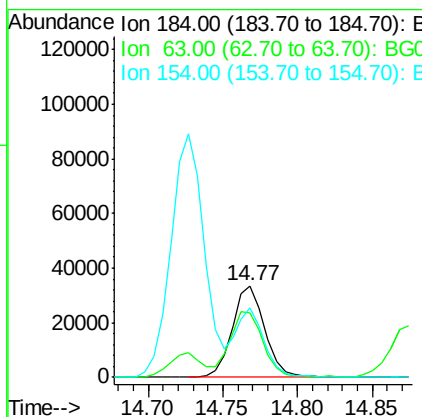
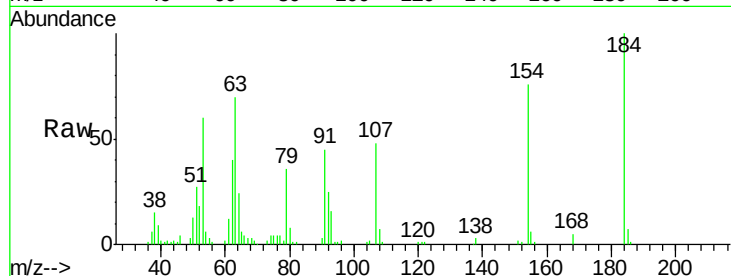




#53
 2,4-Dinitrophenol
 Concen: 84.42 ng
 RT: 14.77 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

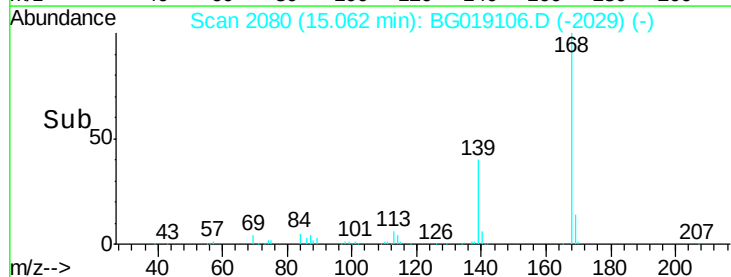
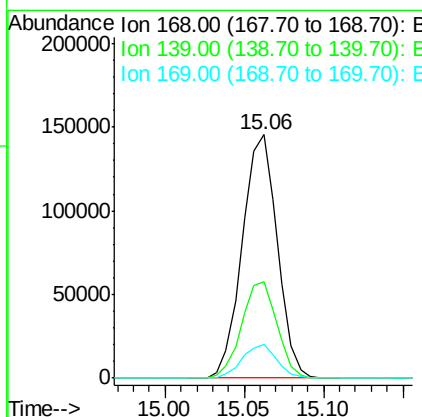
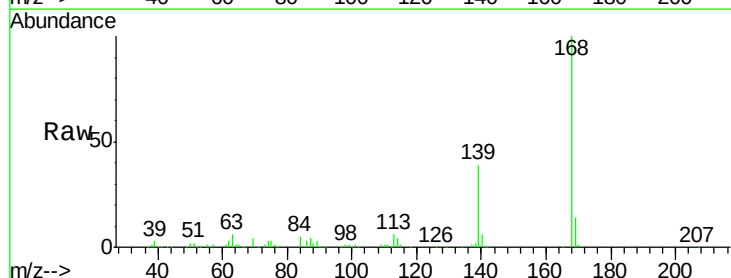
Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

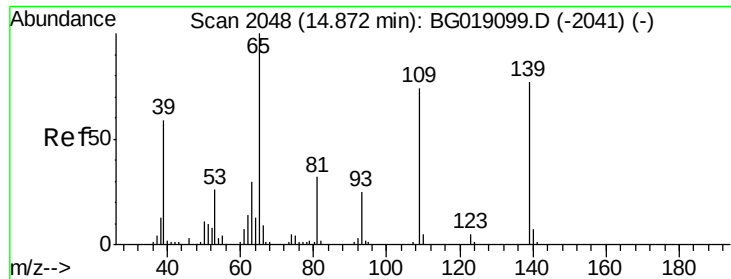
Tot Ion:184 Resp: 51147
 Ion Ratio Lower Upper
 184 100
 63 70.3 67.5 101.3
 154 76.3 62.4 93.6



#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

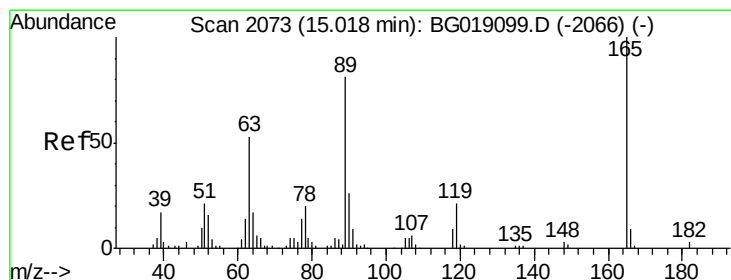
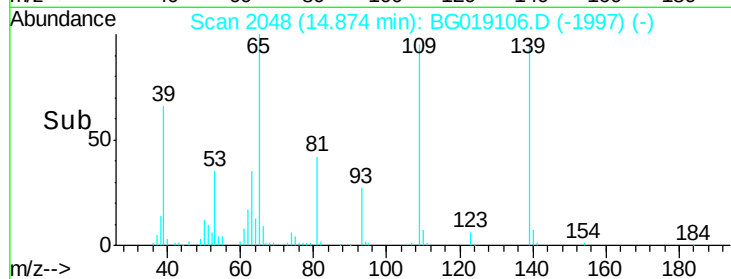
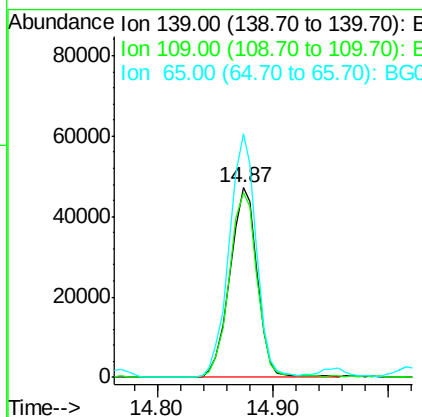
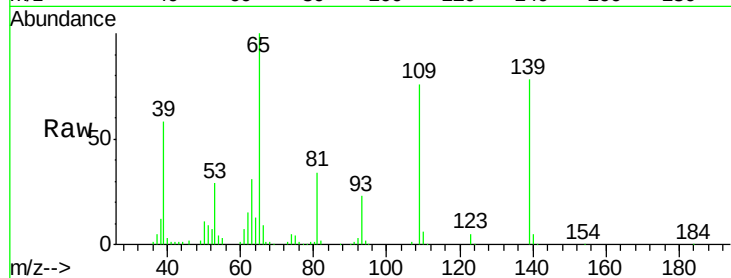




#55
4-Nitrophenol
Concen: 92.46 ng
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

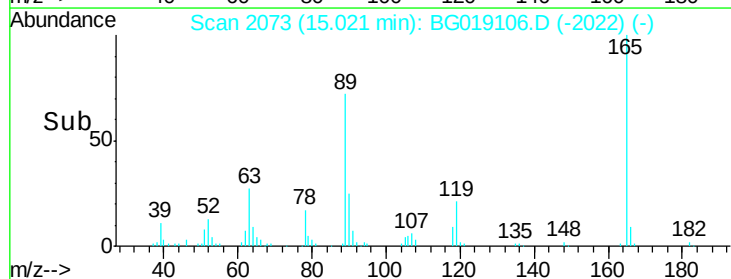
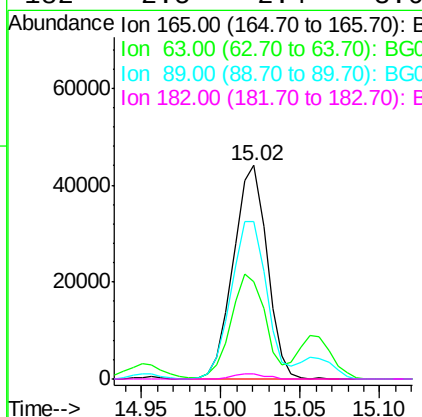
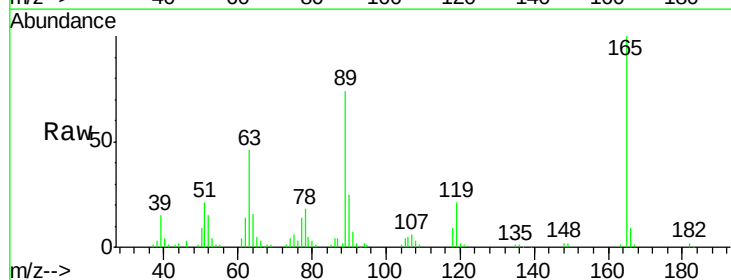
Instrument :
BNA_G
ClientSampleId :
PB85936BS

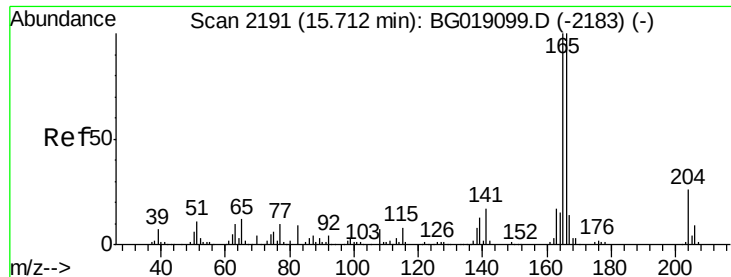
Tot Ion:139 Resp: 77556
Ion Ratio Lower Upper
139 100
109 97.7 76.8 116.8
65 128.3 110.0 150.0



#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

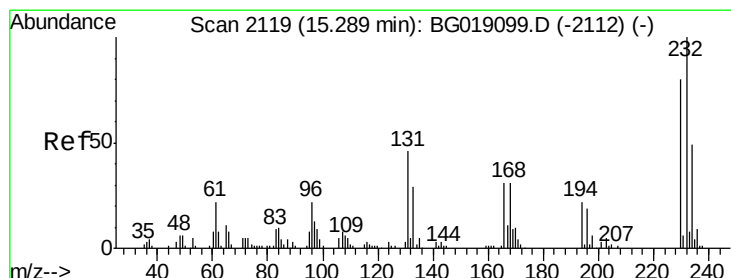
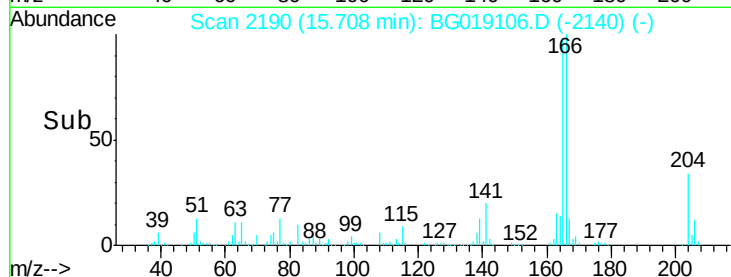
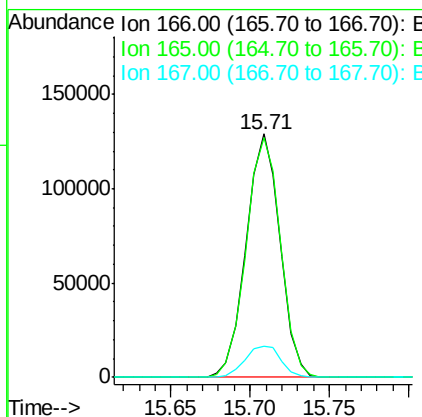
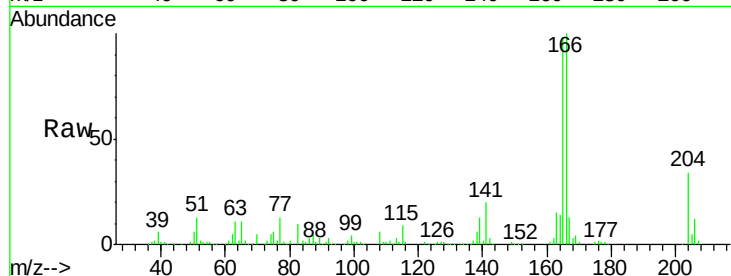




#57
 Fluorene
 Concen: 42.20 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

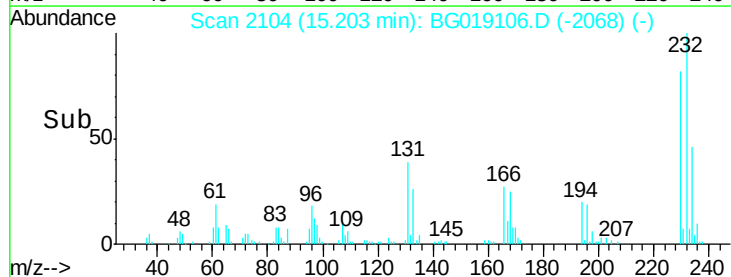
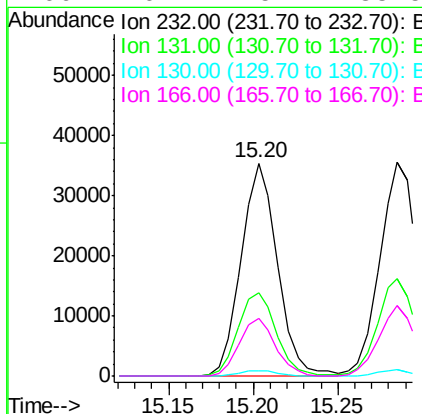
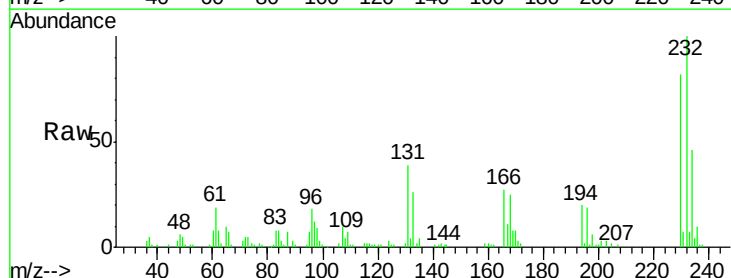
Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

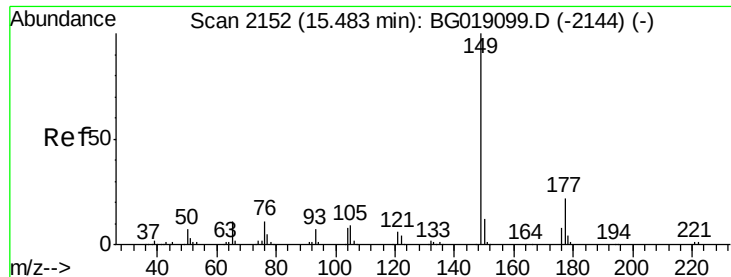
Tot Ion:166 Resp: 190842
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.2 120.2
 167 13.0 11.4 17.0



#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:232 Resp: 52955
 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

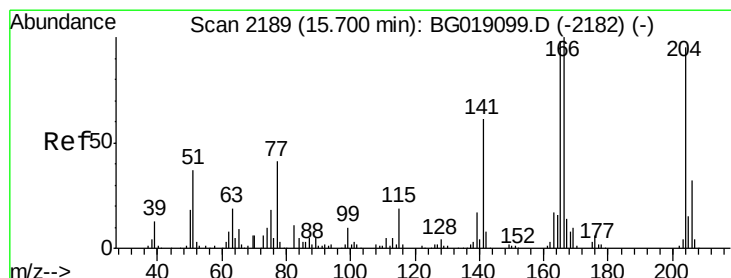
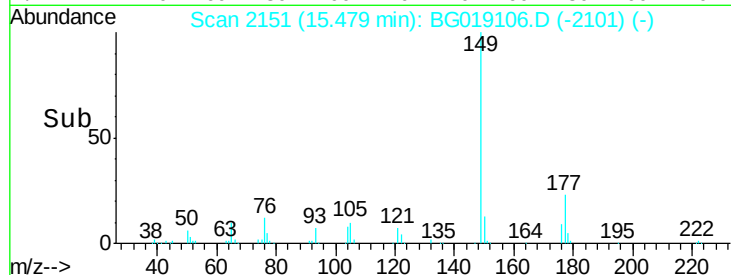
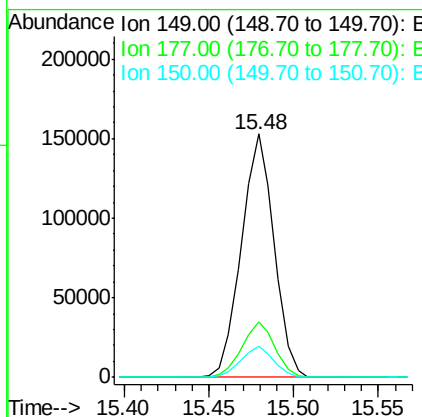
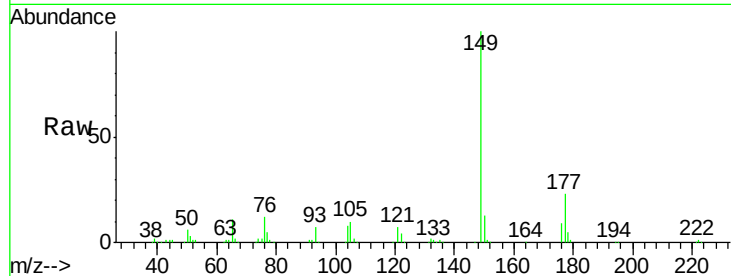




#59
Diethylphthalate
Concen: 42.11 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

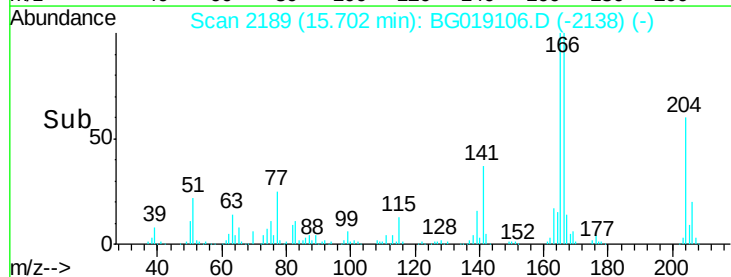
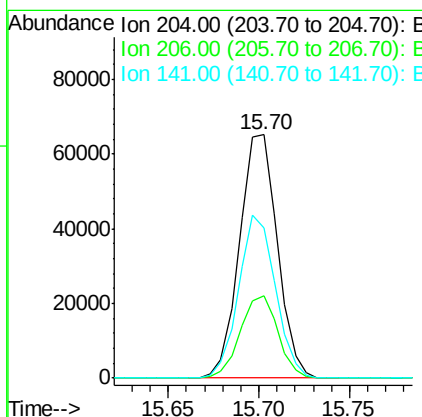
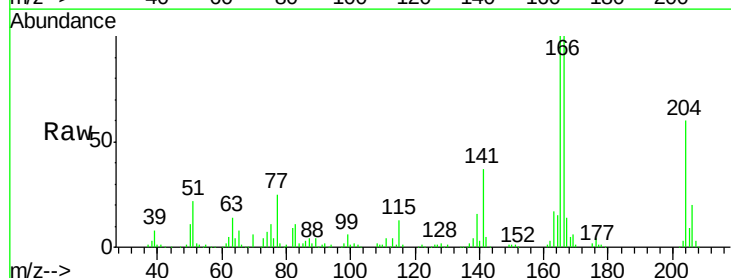
Instrument :
BNA_G
ClientSampleId :
PB85936BS

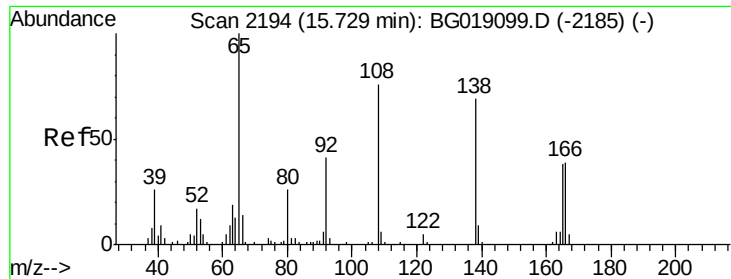
Tot Ion:149 Resp: 205649
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.8 9.4 14.2



#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

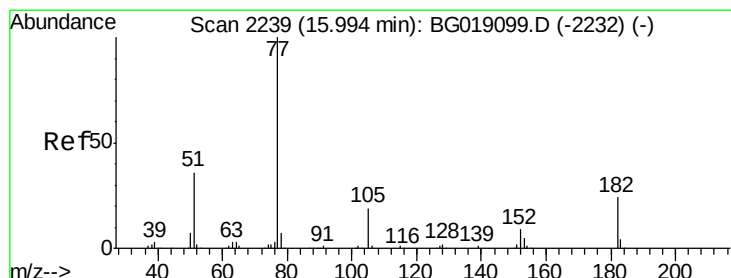
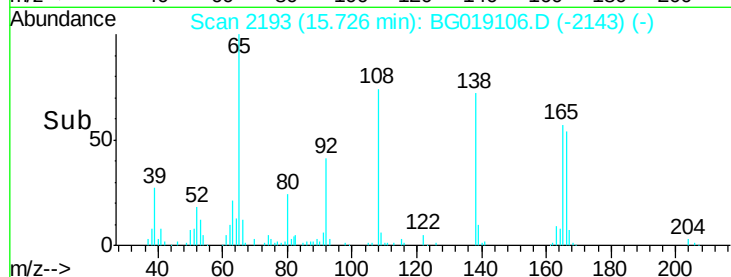
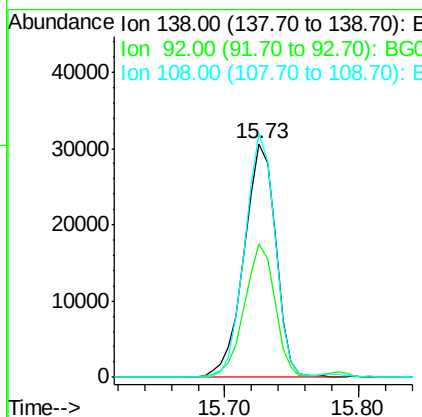
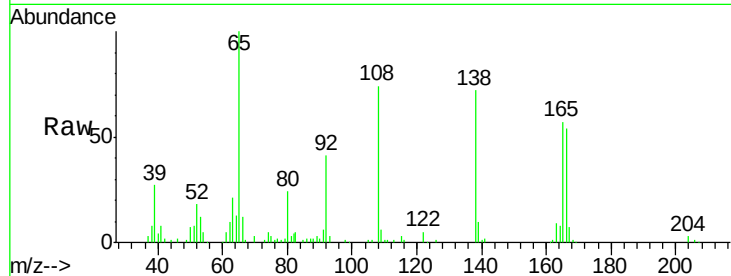




#61
4-Nitroaniline
Concen: 41.63 ng
RT: 15.73 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

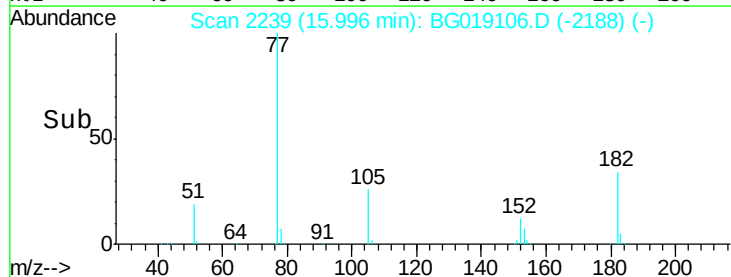
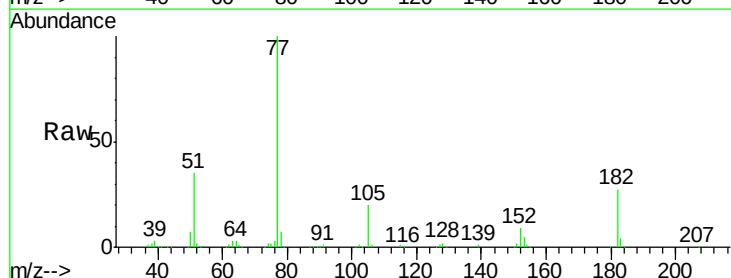
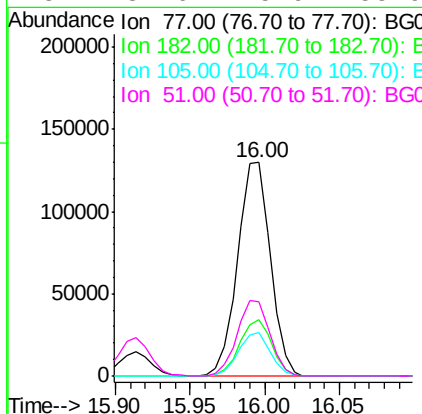
Instrument :
BNA_G
ClientSampleId :
PB85936BS

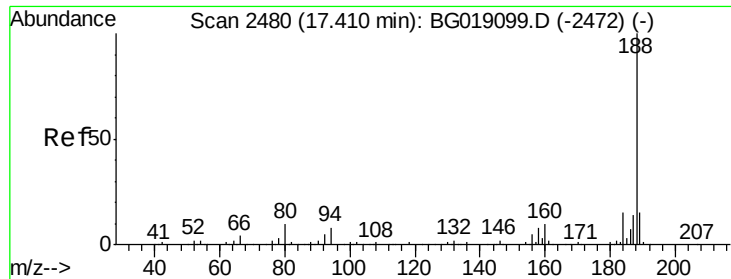
Tot Ion:138 Resp: 50142
Ion Ratio Lower Upper
138 100
92 57.3 39.0 79.0
108 104.1 90.8 130.8



#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

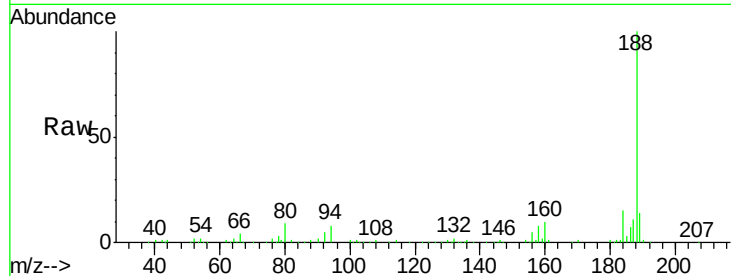




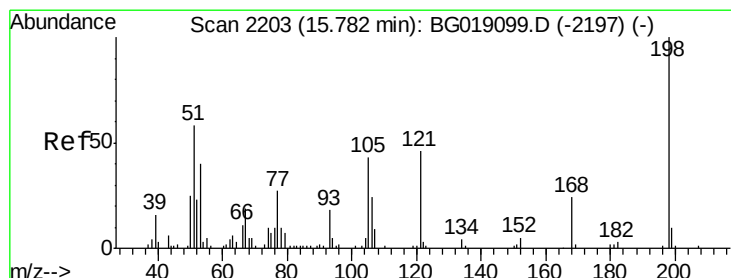
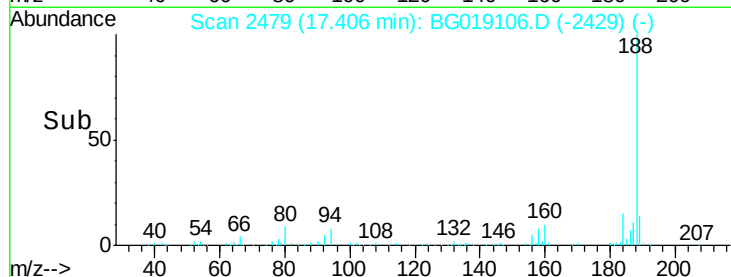
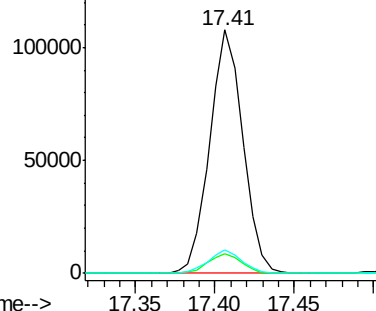
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :
PB85936BS

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

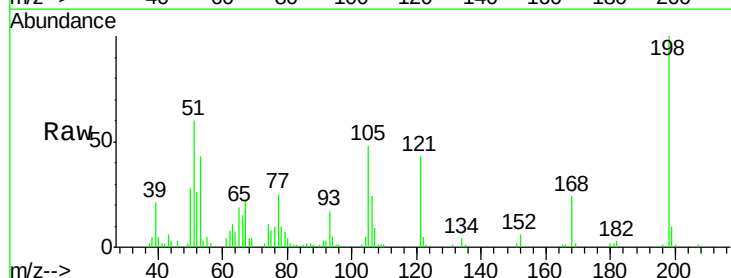


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

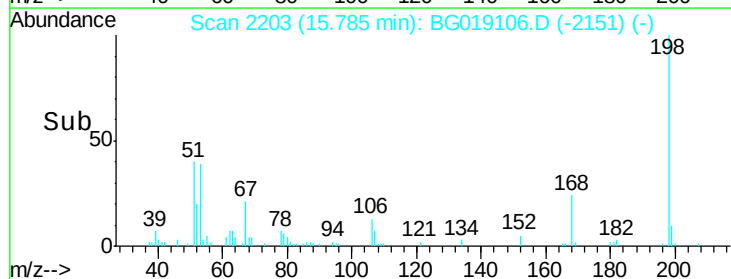
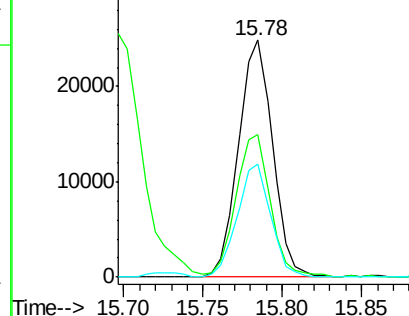


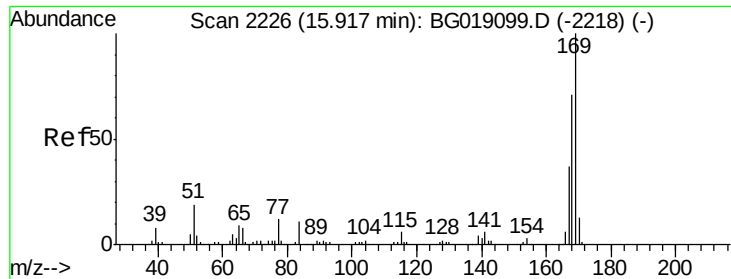
#64
4,6-Dinitro-2-methylphenol
Concen: 43.57 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

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

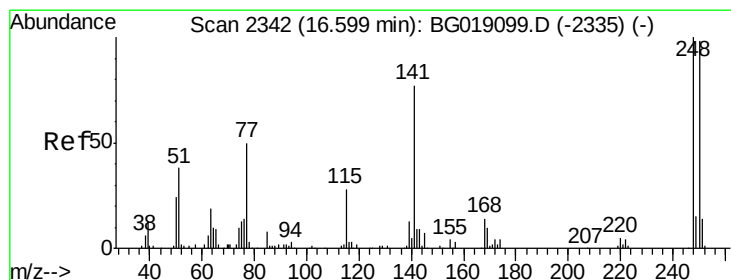
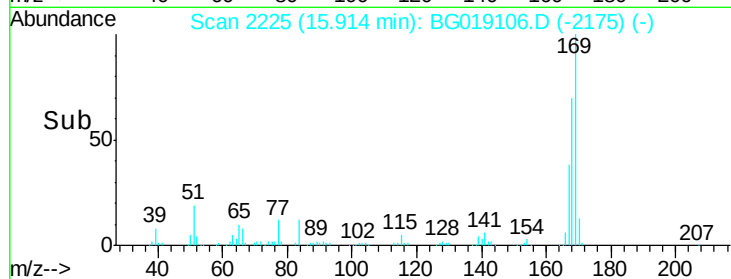
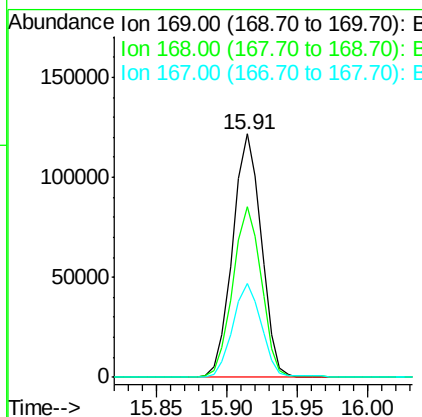
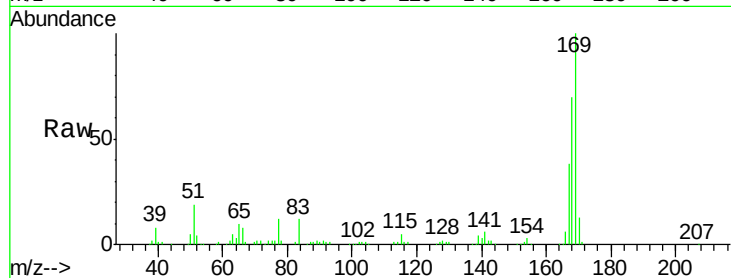




#65
 n-Nitrosodiphenylamine
 Concen: 39.95 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

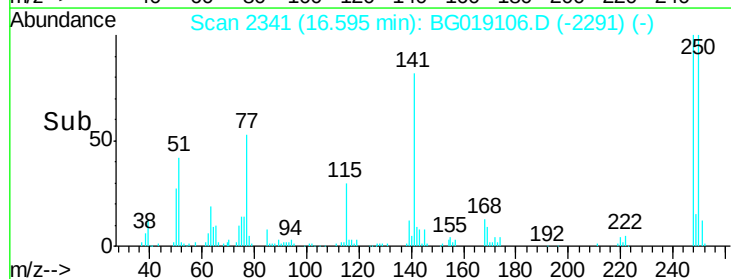
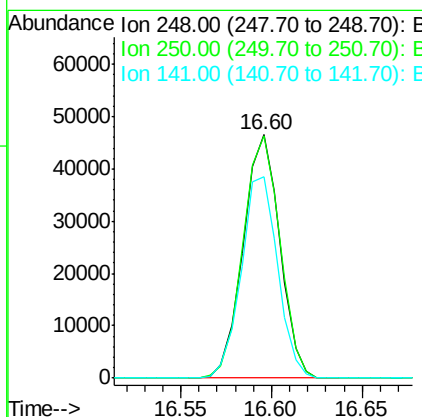
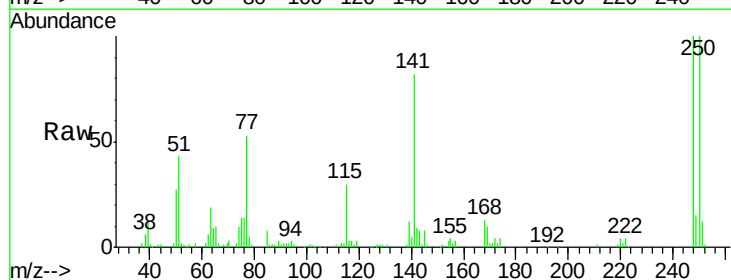
Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

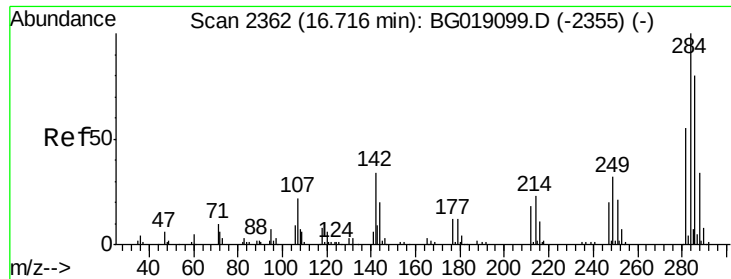
Tot Ion:169 Resp: 172463
 Ion Ratio Lower Upper
 169 100
 168 70.3 56.6 84.8
 167 38.3 30.0 45.0



#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

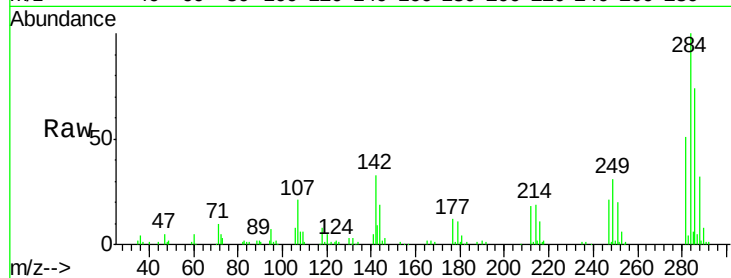




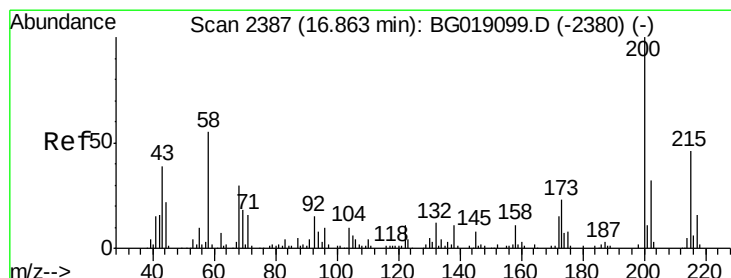
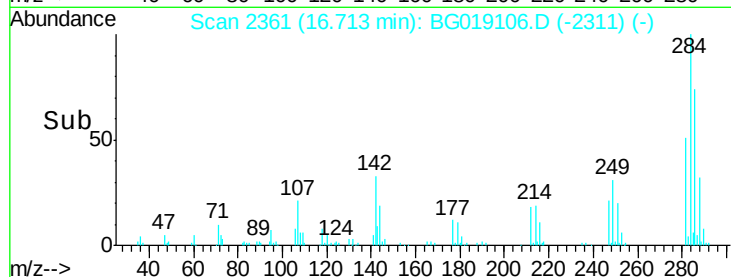
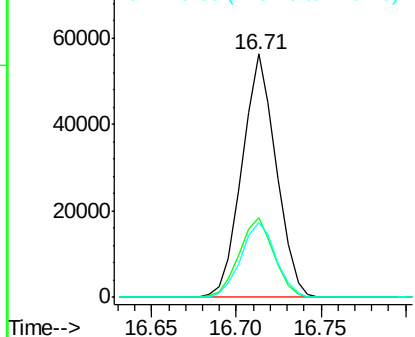
#67
Hexachlorobenzene
Concen: 42.51 ng
RT: 16.71 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :
PB85936BS

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

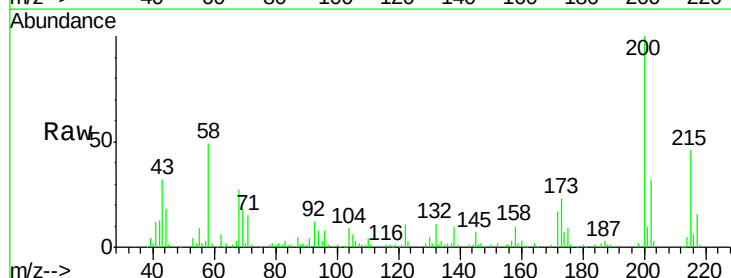


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

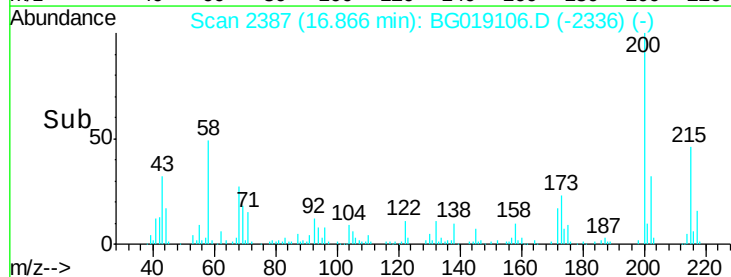
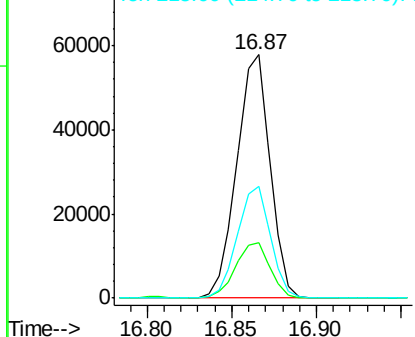


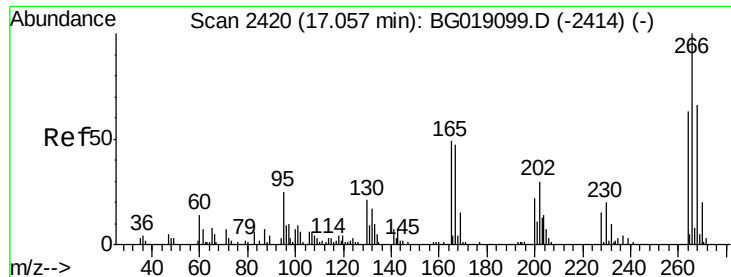
#68
Atrazine
Concen: 44.67 ng
RT: 16.87 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

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

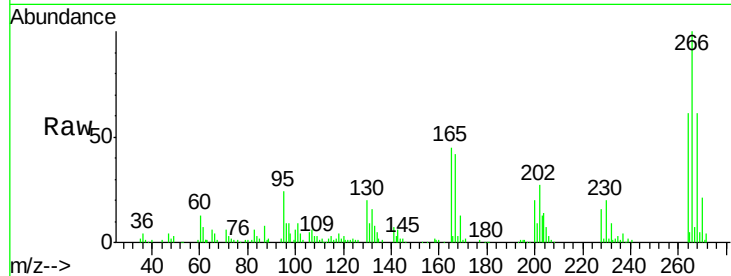




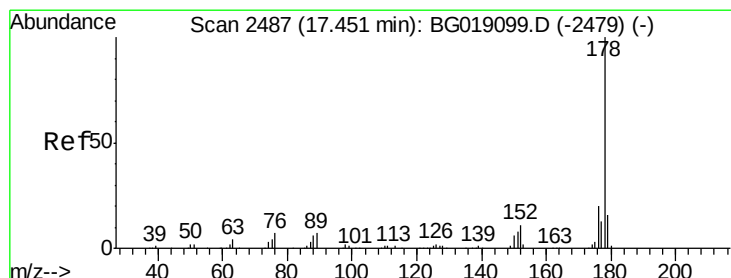
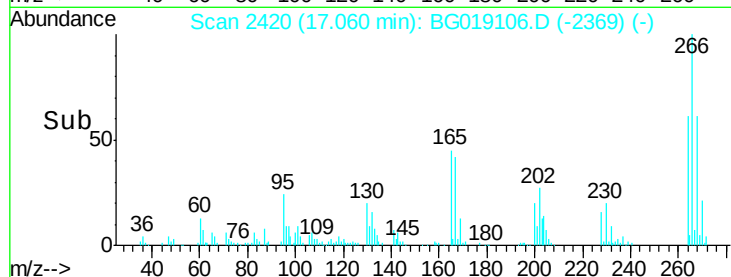
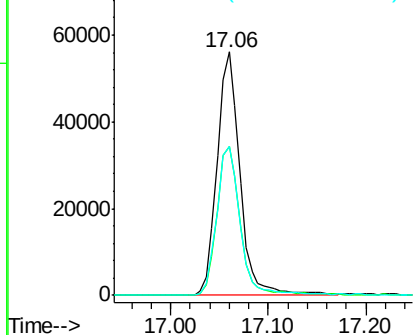
#69
 Pentachlorophenol
 Concen: 94.36 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

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

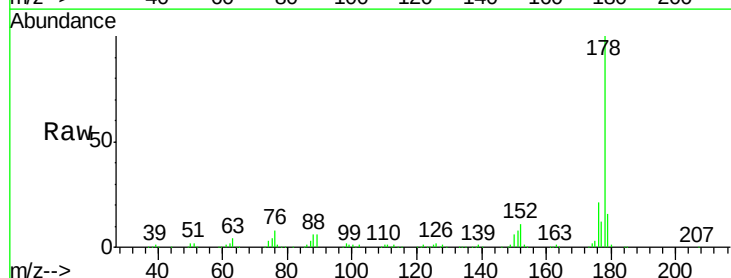


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

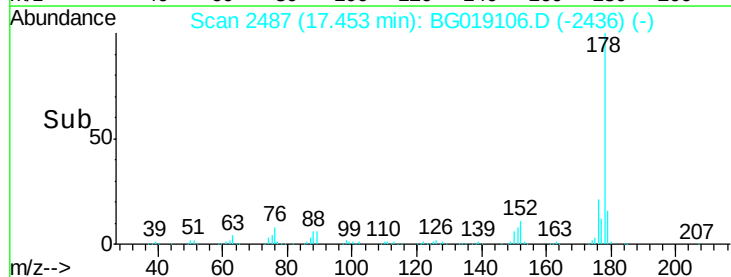
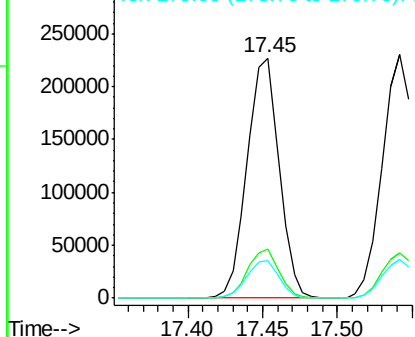


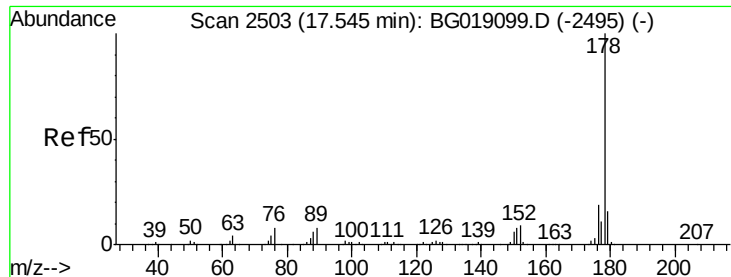
#70
 Phenanthrene
 Concen: 41.89 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

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



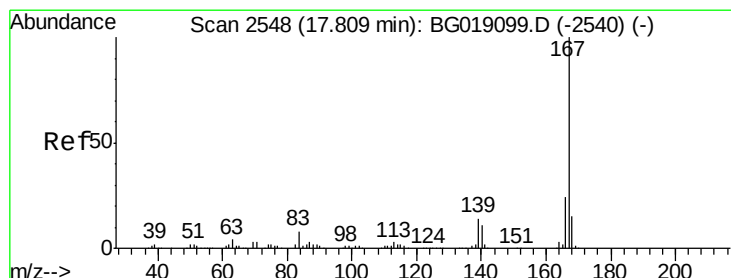
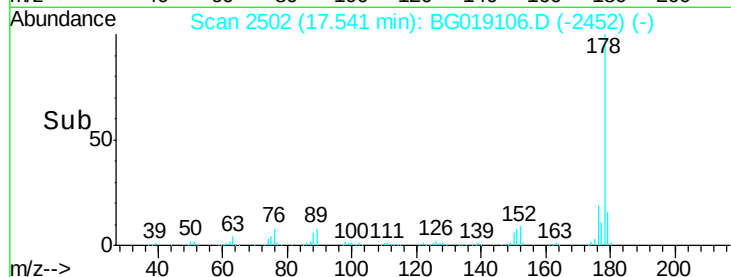
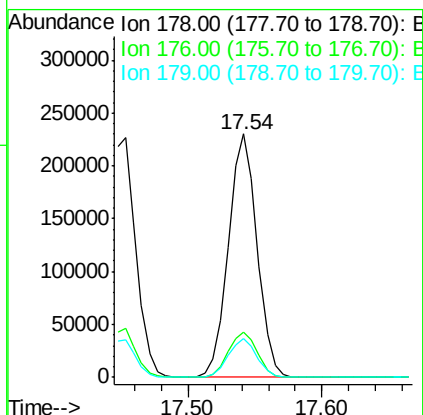
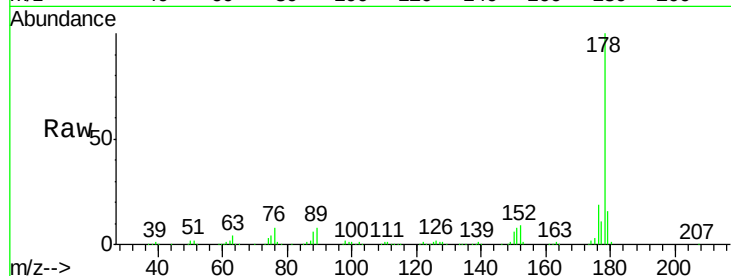


#71
 Anthracene
 Concen: 42.85 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

Tot Ion:178 Resp: 344537

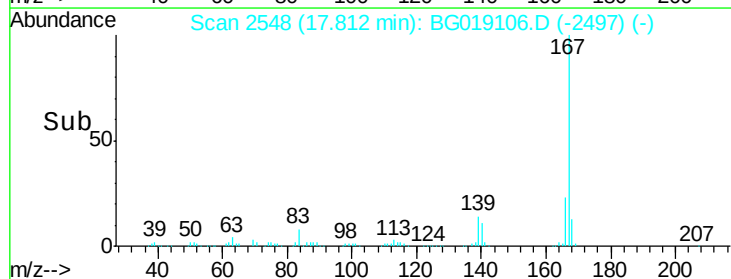
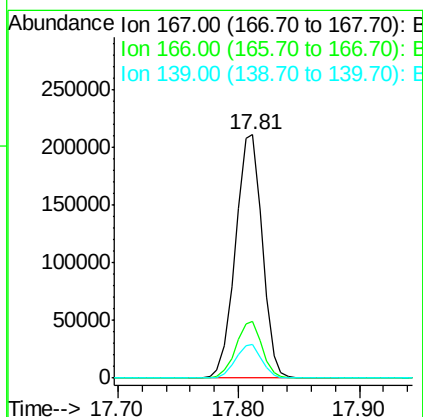
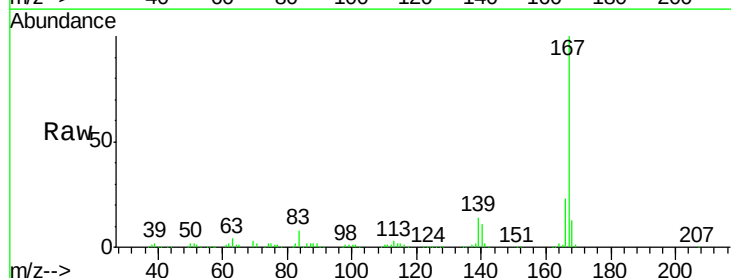
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.8	12.9	19.3

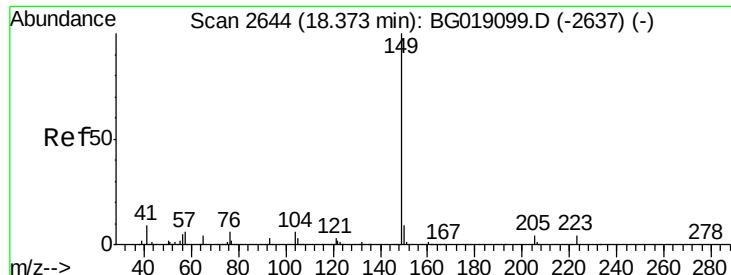


#72
 Carbazole
 Concen: 43.26 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

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 :

PB85936BS

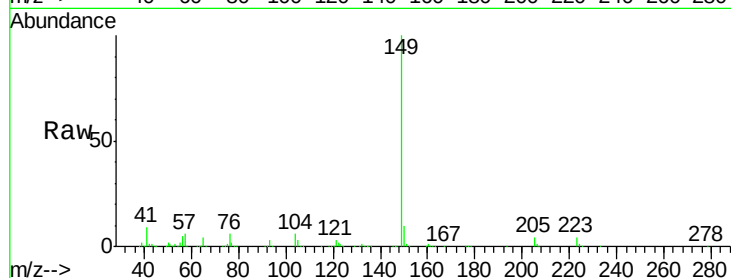
Tot Ion:149 Resp: 394215

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

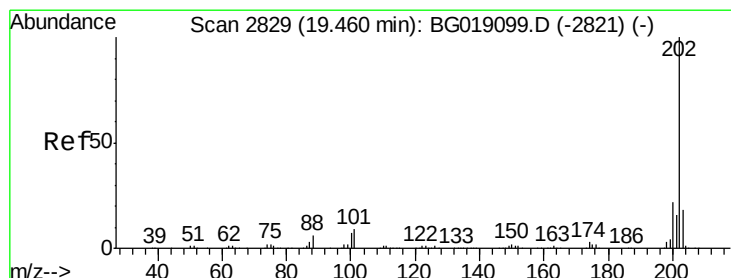
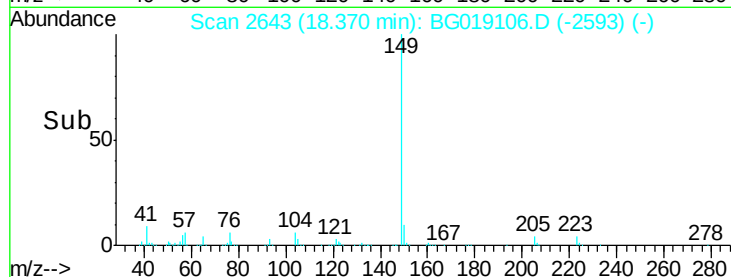
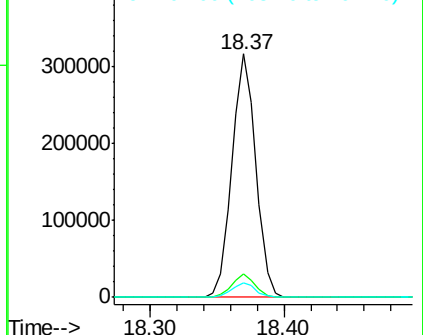
104 6.0 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

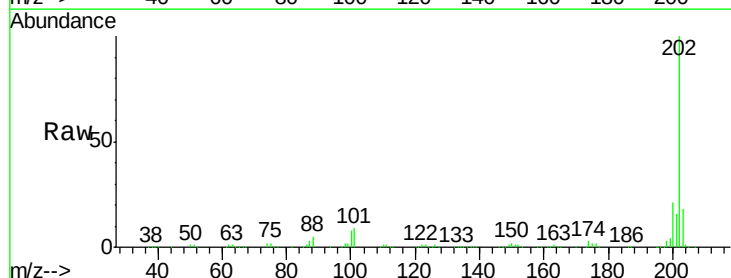
Tgt Ion:202 Resp: 446960

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

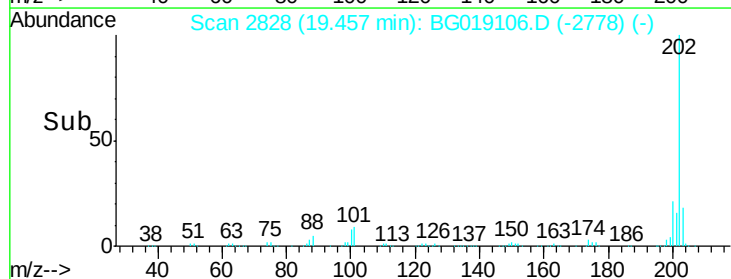
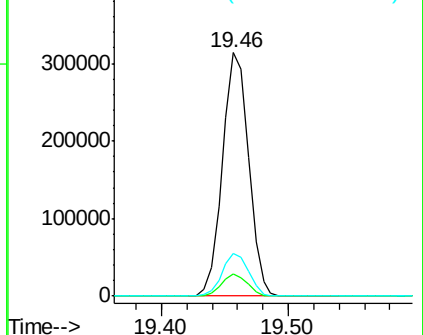
203 17.7 0.0 38.0

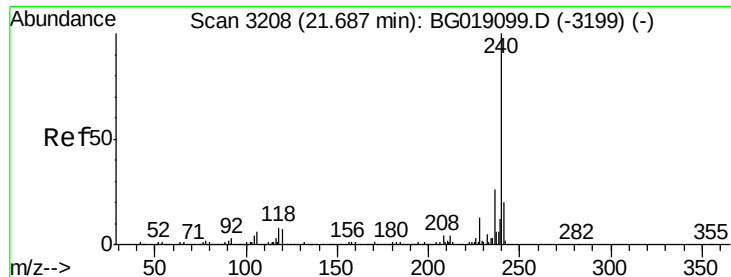


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

PB85936BS

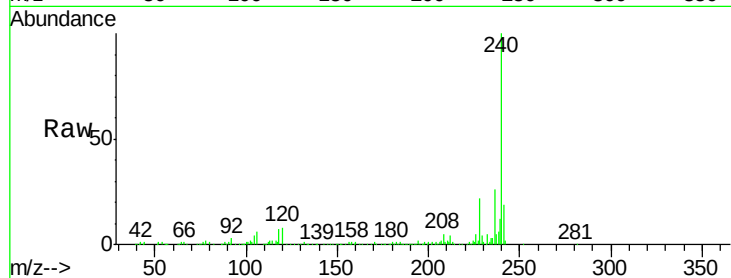
Tot Ion:240 Resp: 190298

Ion Ratio Lower Upper

240 100

120 8.1 5.8 8.6

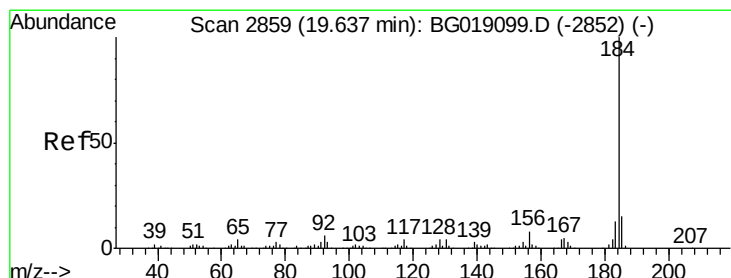
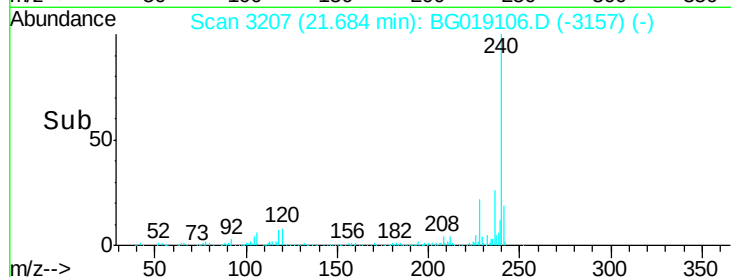
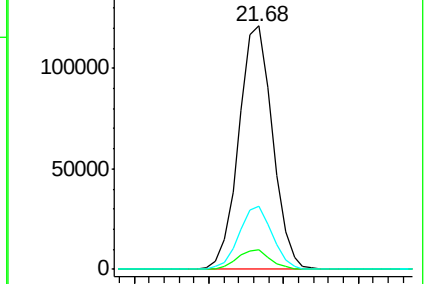
236 25.8 21.2 31.8



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

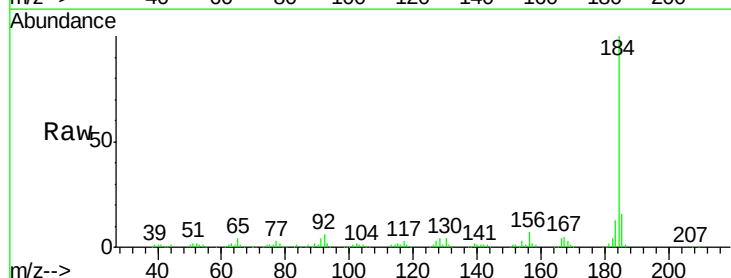
Tgt Ion:184 Resp: 141727

Ion Ratio Lower Upper

184 100

185 15.7 11.9 17.9

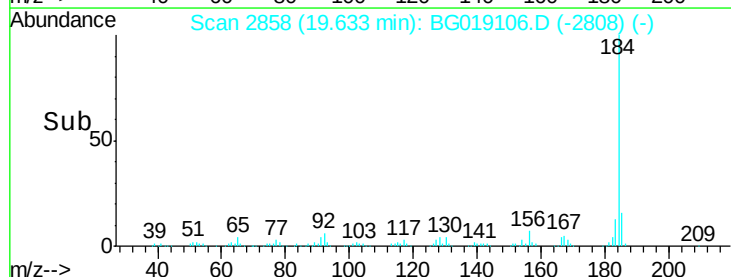
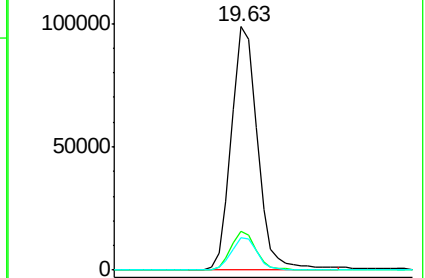
183 13.4 10.1 15.1

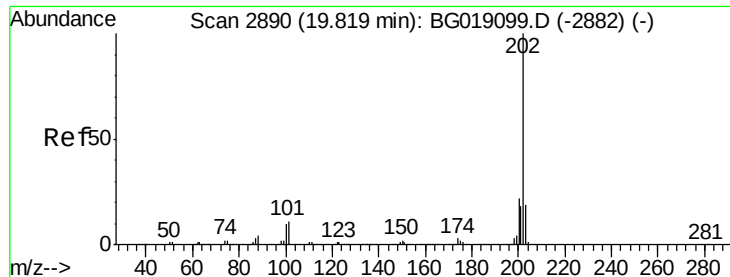


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

PB85936BS

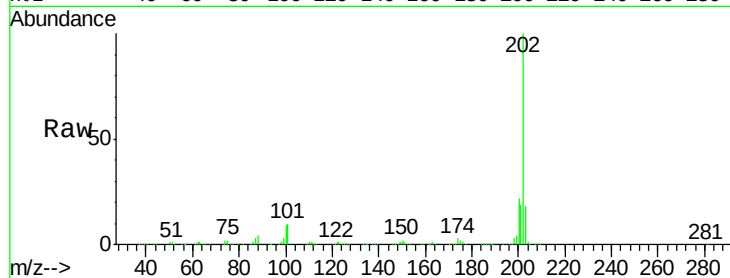
Tot Ion:202 Resp: 459828

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

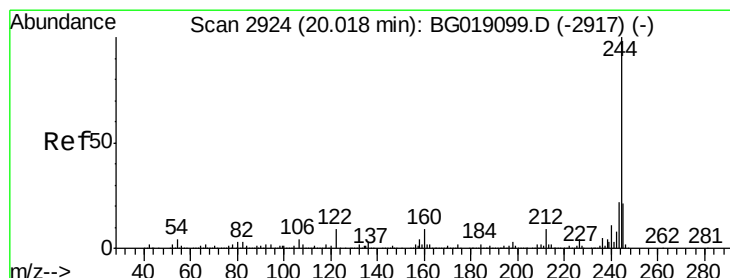
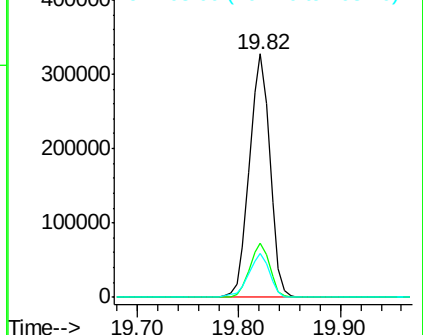
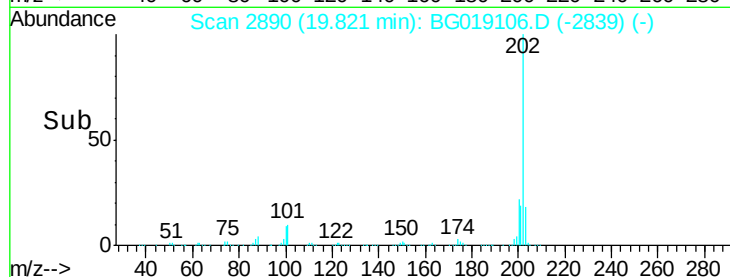
203 17.9 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 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

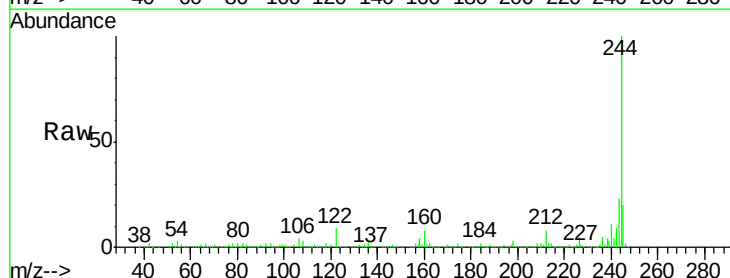
Tgt Ion:244 Resp: 630478

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

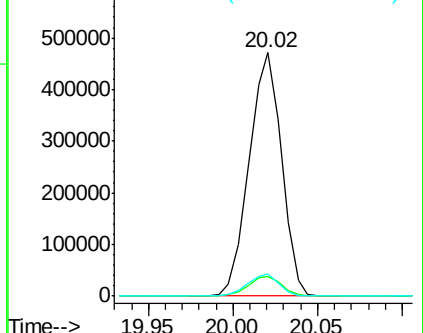
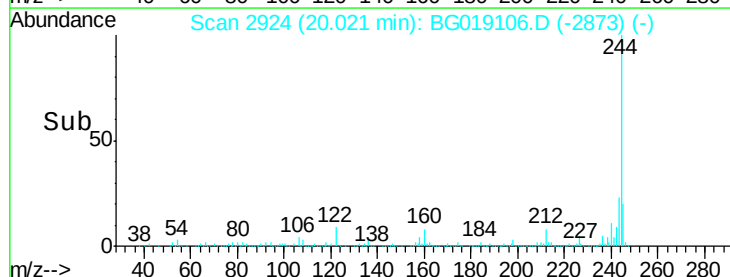
122 8.9 7.4 11.2

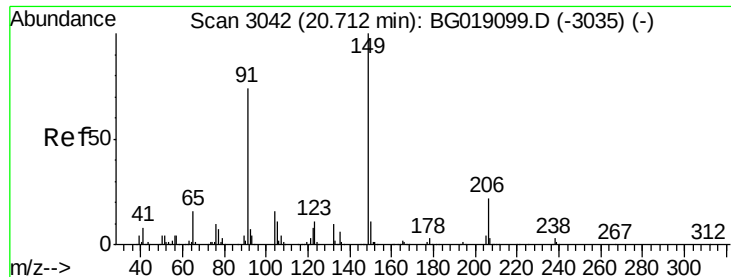


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

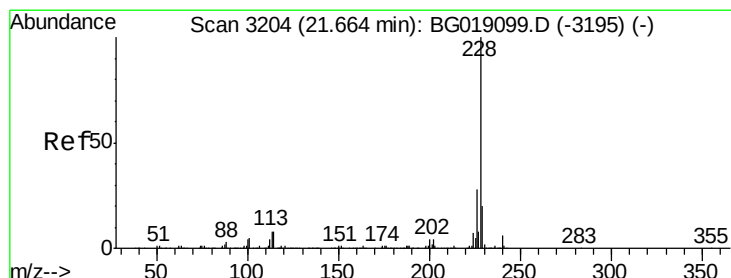
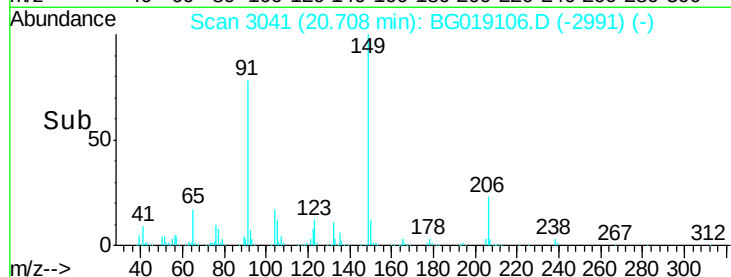
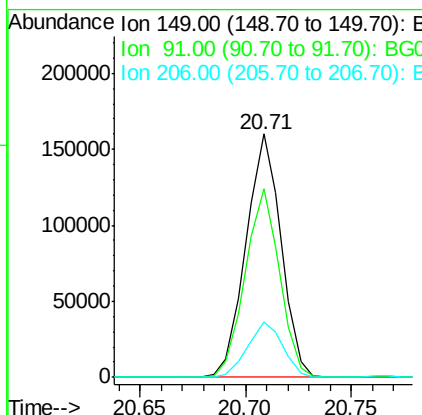
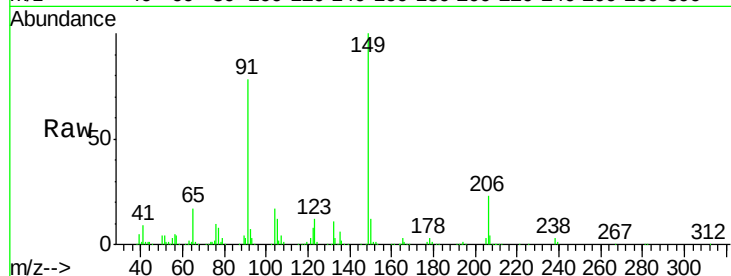




#79
Butylbenzylphthalate
Concen: 42.57 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

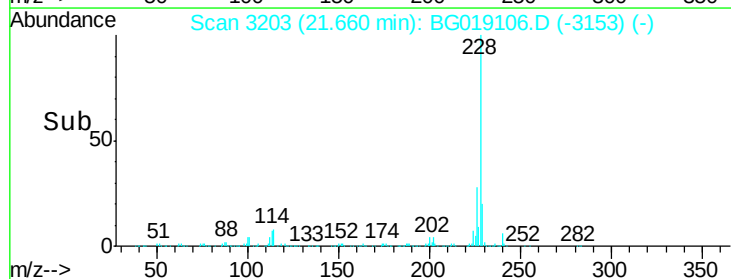
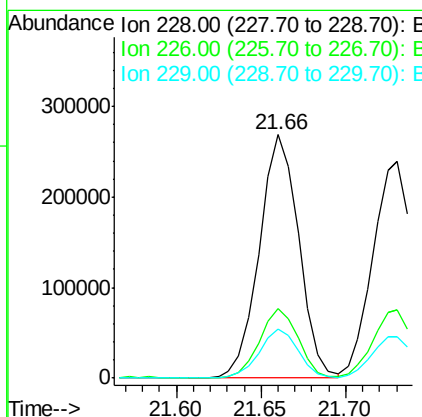
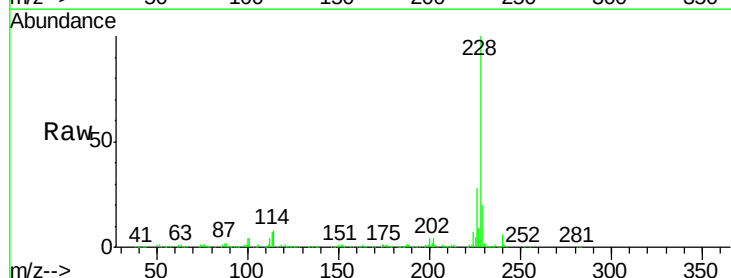
Instrument :
BNA_G
ClientSampleId :
PB85936BS

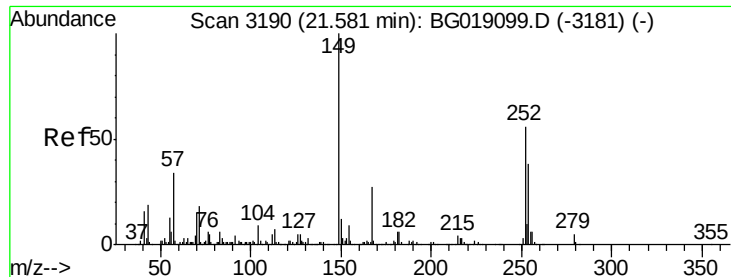
Tot Ion:149 Resp: 184868
Ion Ratio Lower Upper
149 100
91 77.7 59.2 88.8
206 22.6 17.5 26.3



#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

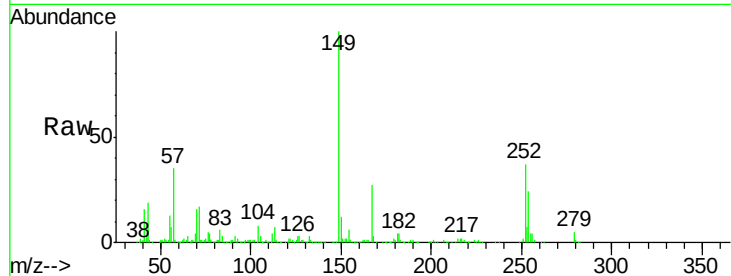




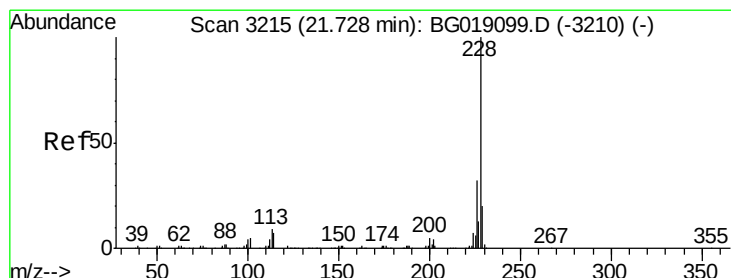
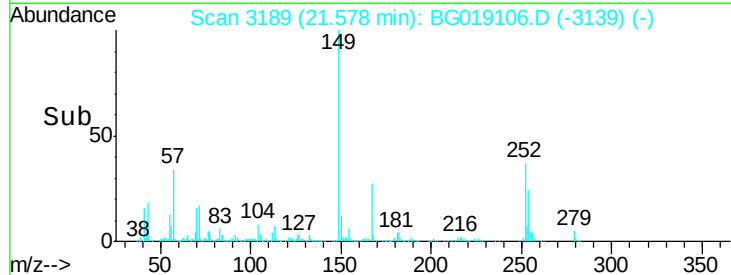
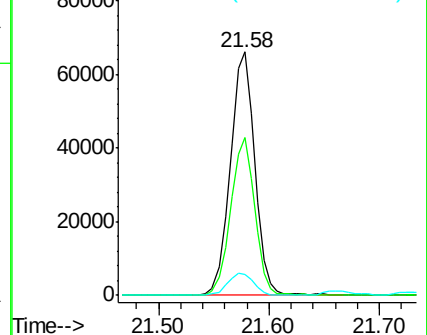
#81
 3,3'-Dichlorobenzidine
 Concen: 27.22 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 PB85936BS

Tot Ion:252 Resp: 102712
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.9 80.9
 126 8.8 7.0 10.6

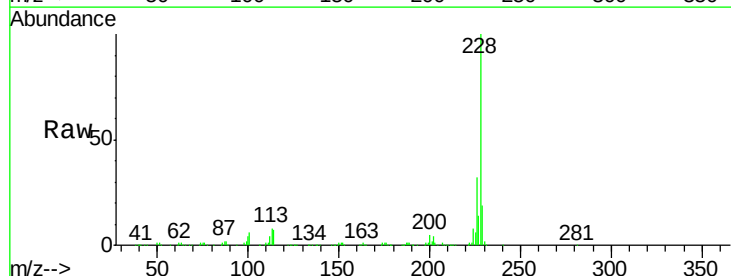


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

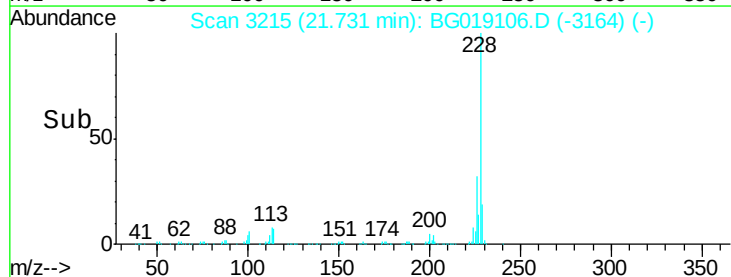
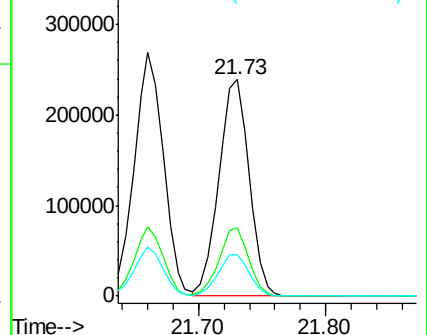


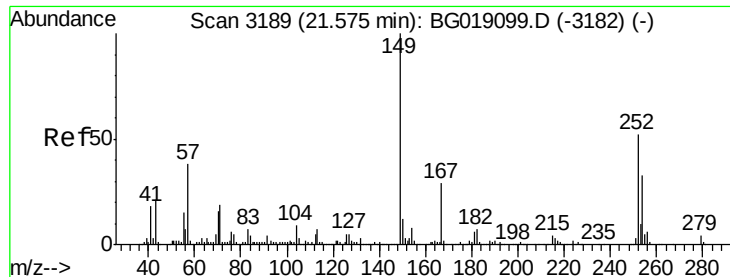
#82
 Chrysene
 Concen: 40.95 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG019106.D
 Acq: 10 Oct 2015 7:57

Tgt Ion:228 Resp: 396453
 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 :

PB85936BS

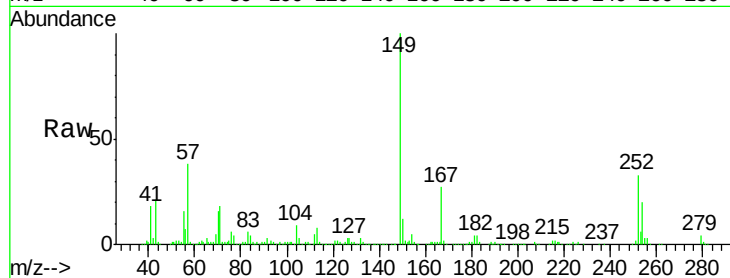
Tot Ion:149 Resp: 256498

Ion Ratio Lower Upper

149 100

167 26.9 22.8 34.2

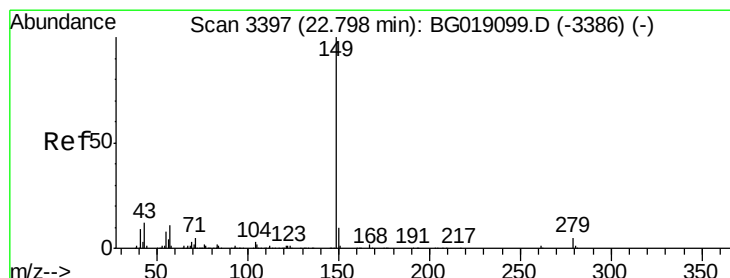
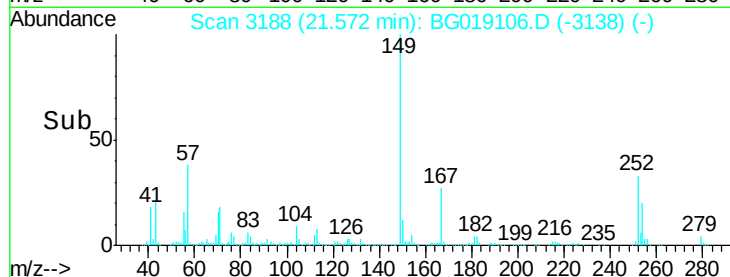
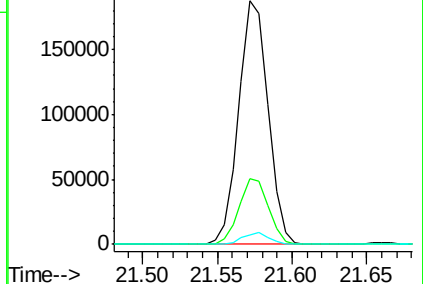
279 3.9 3.6 5.4



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

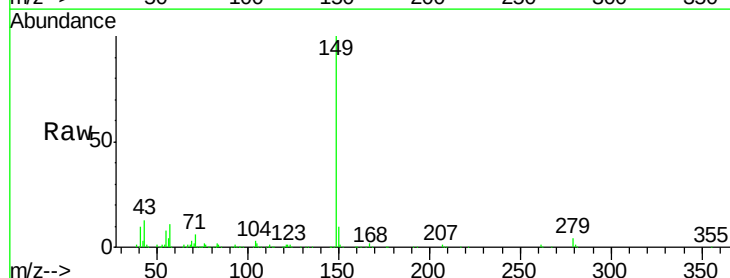
Tgt Ion:149 Resp: 441688

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

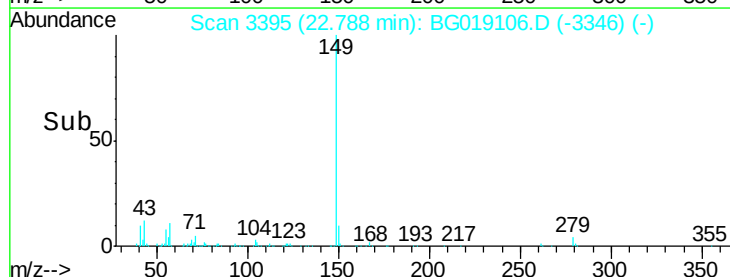
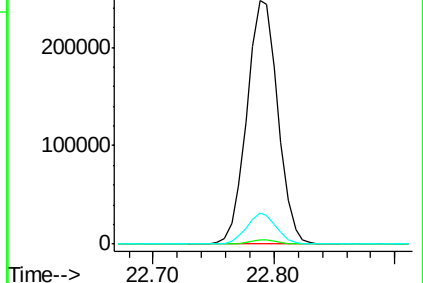
43 12.3 10.1 15.1

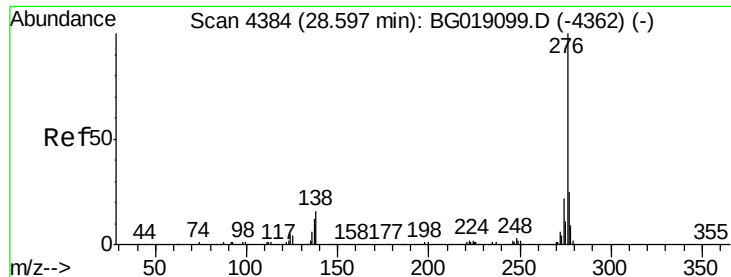


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

PB85936BS

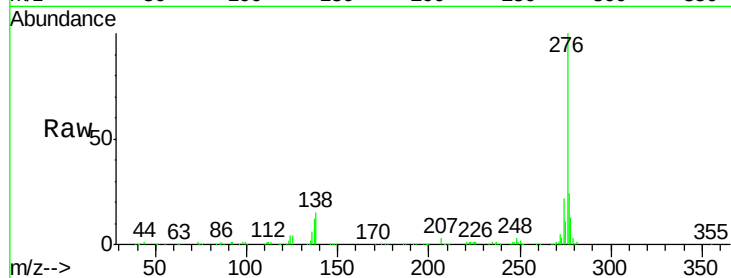
Tot Ion:276 Resp: 489925

Ion Ratio Lower Upper

276 100

138 19.2 10.2 15.4#

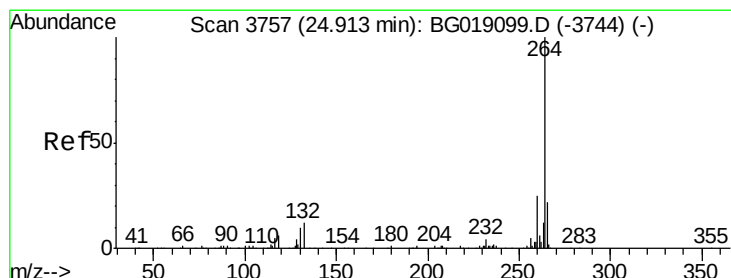
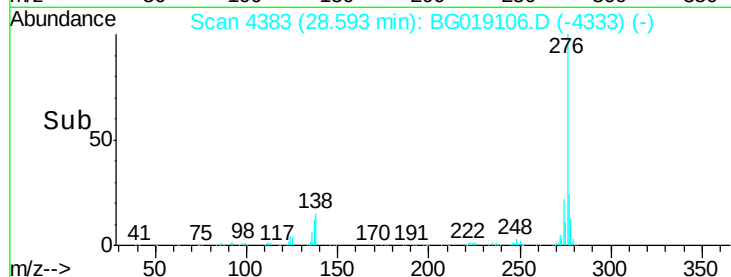
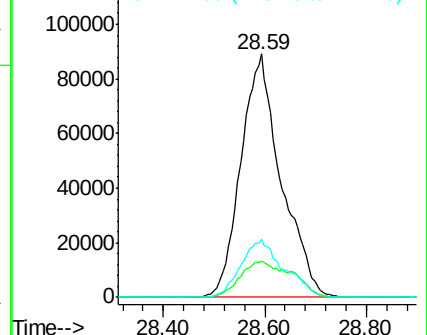
277 25.3 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG019106.D

Acq: 10 Oct 2015 7:57

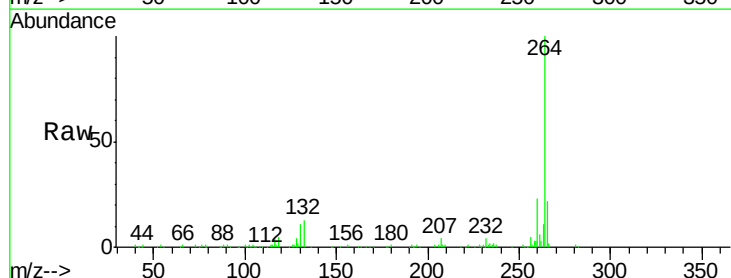
Tgt Ion:264 Resp: 183088

Ion Ratio Lower Upper

264 100

260 23.3 20.1 30.1

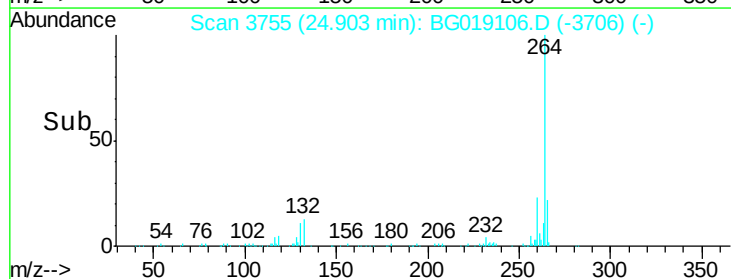
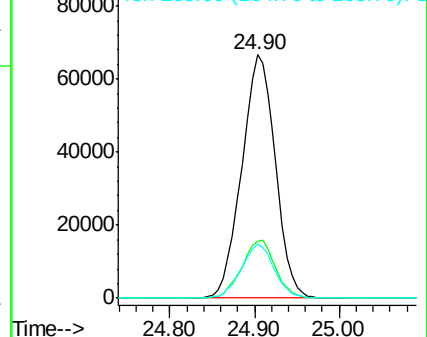
265 22.4 17.2 25.8

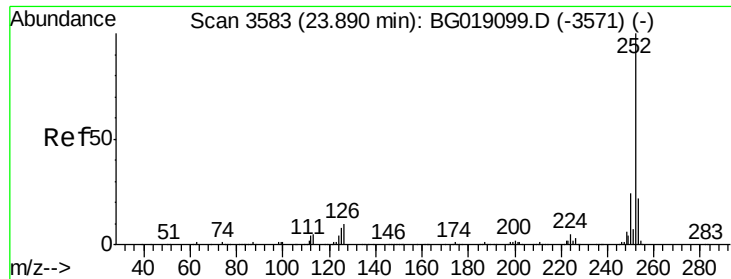


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

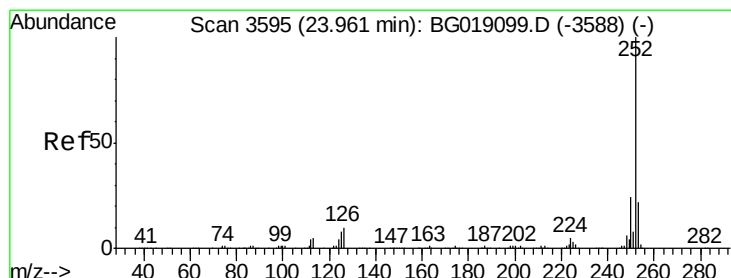
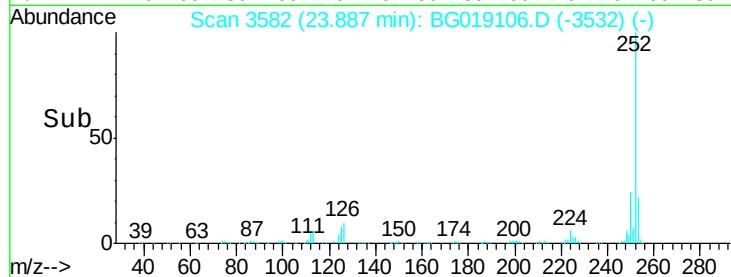
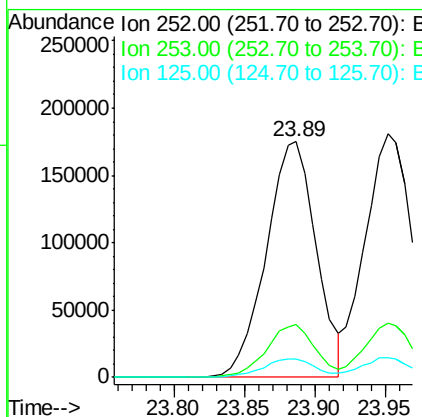
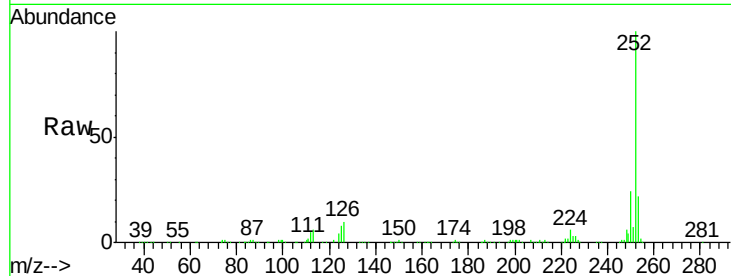




#87
Benzo(b)fluoranthene
Concen: 43.85 ng
RT: 23.89 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BG019106.D
Acq: 10 Oct 2015 7:57

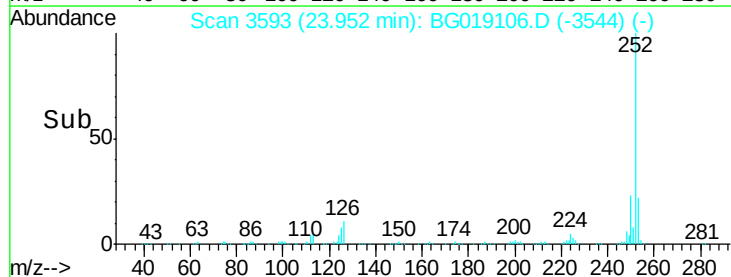
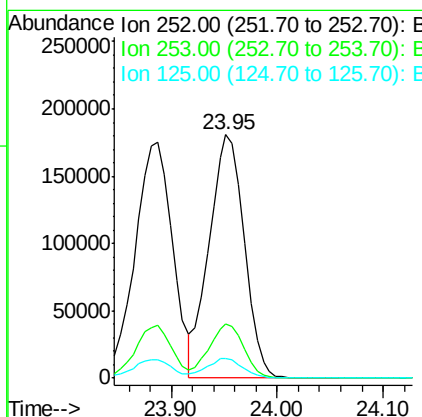
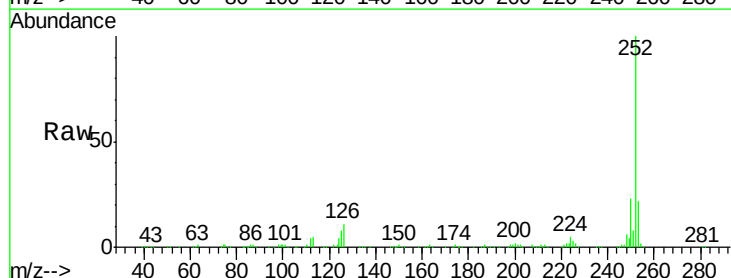
Instrument :
BNA_G
ClientSampleId :
PB85936BS

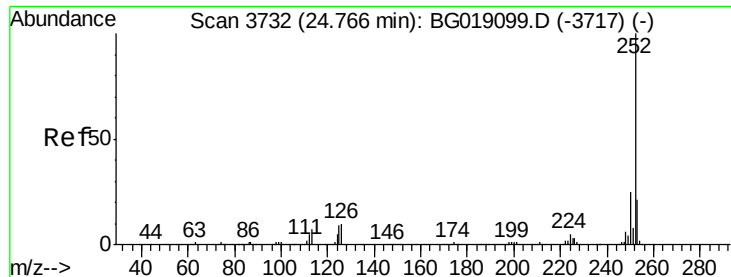
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.8	6.6	9.8



#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 :

PB85936BS

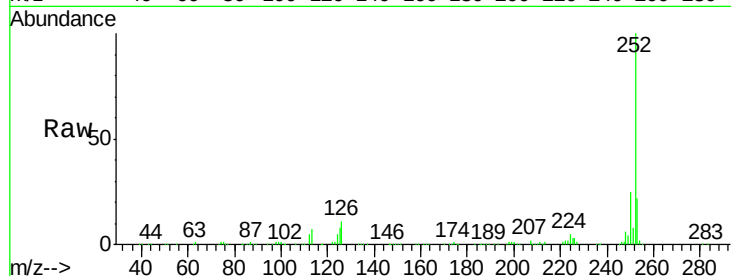
Tot Ion:252 Resp: 415046

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

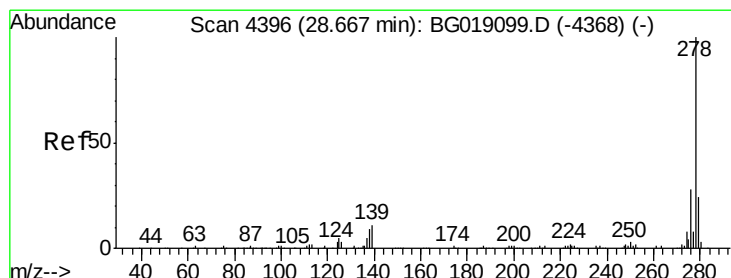
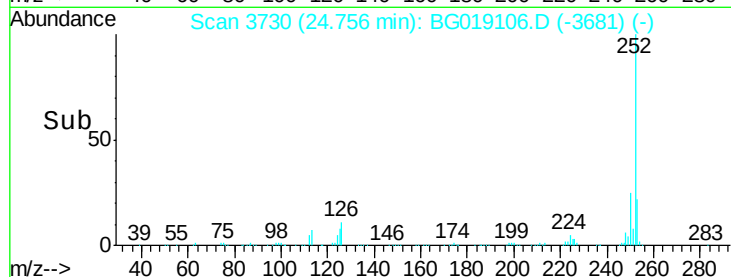
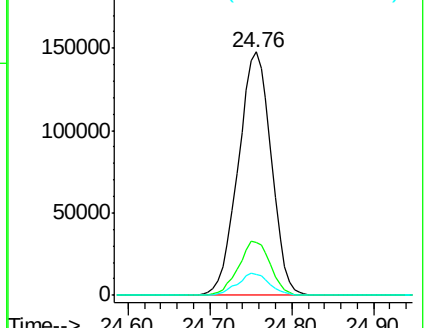
125 8.5 7.2 10.8



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

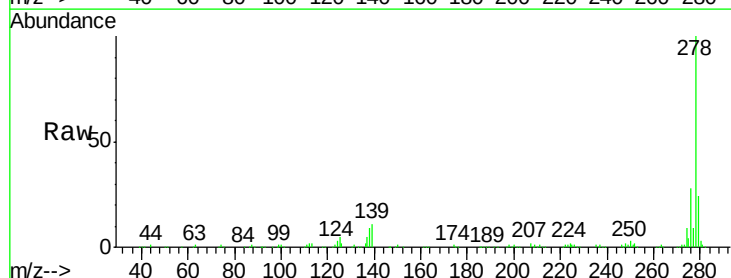
Tgt Ion:278 Resp: 425663

Ion Ratio Lower Upper

278 100

139 11.3 8.6 12.8

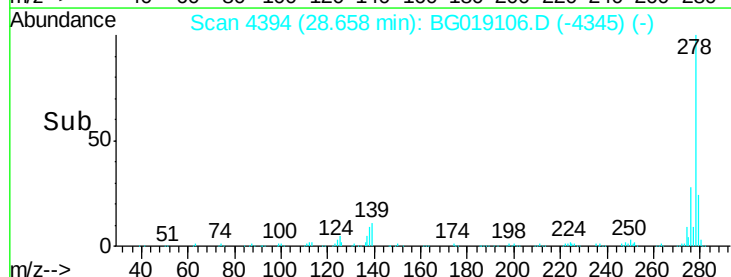
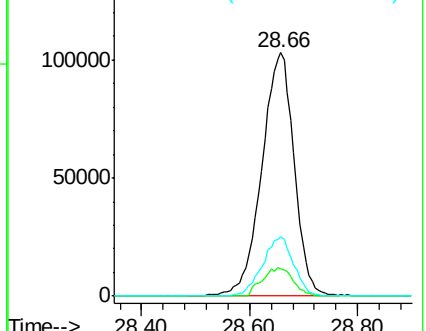
279 24.2 19.5 29.3

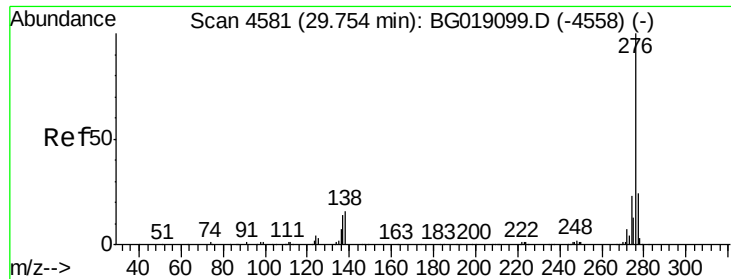


Abundance Ion 278.00 (277.70 to 278.70): E

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 :

PB85936BS

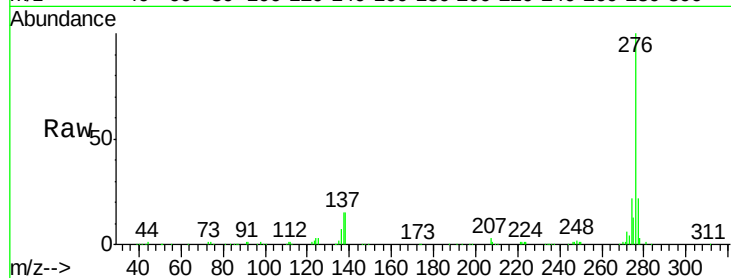
Tot Ion: 276 Resp: 402849

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

