

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021693.D
 Acq On : 15 Apr 2016 19:56
 Operator : UM/SJ
 Sample : PB89849BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Quant Time: Apr 16 02:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27643	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	116573	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	72553	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	186086	20.00	ng	0.00
75) Chrysene-d12	21.83	240	226928	20.00	ng	0.00
86) Perylene-d12	25.16	264	227664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	190451	114.73	ng	0.00
7) Phenol-d6	7.37	99	269049	108.51	ng	0.01
23) Nitrobenzene-d5	9.38	82	158765	70.00	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	104275	133.35	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	364181	73.54	ng	0.00
78) Terphenyl-d14	20.14	244	658169	72.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	19208	25.99	ng	86
3) Pyridine	4.03	79	59555	26.86	ng	89
4) n-Nitrosodimethylamine	3.95	42	32456	29.53	ng	# 87
6) Aniline	7.54	93	42828	13.06	ng	95
8) 2-Chlorophenol	7.78	128	65710	33.02	ng	95
9) Benzaldehyde	7.35	77	18837	13.14	ng	# 85
10) Phenol	7.40	94	89938	33.72	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	63059	29.54	ng	94
12) 1,3-Dichlorobenzene	8.11	146	69389	31.22	ng	96
13) 1,4-Dichlorobenzene	8.25	146	70586	31.20	ng	91
14) 1,2-Dichlorobenzene	8.58	146	67533	31.11	ng	97
15) Benzyl Alcohol	8.45	79	63831	33.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	121597	26.60	ng	98
17) 2-Methylphenol	8.66	107	61144	33.16	ng	92
18) Hexachloroethane	9.30	117	26042	31.63	ng	# 76
19) n-Nitroso-di-n-propylamine	9.02	70	54417	28.24	ng	# 98
20) 3+4-Methylphenols	8.98	107	82314	32.62	ng	95
22) Acetophenone	9.04	105	98749	30.41	ng	# 98
24) Nitrobenzene	9.43	77	78428	32.30	ng	98
25) Isophorone	9.95	82	149560	30.13	ng	99
26) 2-Nitrophenol	10.14	139	35995	38.82	ng	95
27) 2,4-Dimethylphenol	10.19	122	68413	32.48	ng	98
28) bis(2-Chloroethoxy)methane	10.43	93	87115	33.03	ng	95
29) 2,4-Dichlorophenol	10.67	162	67855	37.79	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	64792	33.56	ng	93
31) Naphthalene	11.08	128	199742	32.02	ng	# 95
32) Benzoic acid	10.30	122	36355	33.85	ng	95
33) 4-Chloroaniline	11.18	127	34837	12.90	ng	96
34) Hexachlorobutadiene	11.36	225	42154	33.85	ng	97
35) Caprolactam	11.95	113	16860	20.52	ng	90
36) 4-Chloro-3-methylphenol	12.29	107	80021	35.44	ng	97
37) 2-Methylnaphthalene	12.67	142	147497	34.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	74230	32.74	ng	97
40) Hexachlorocyclopentadiene	13.01	237	102272	81.20	ng	96

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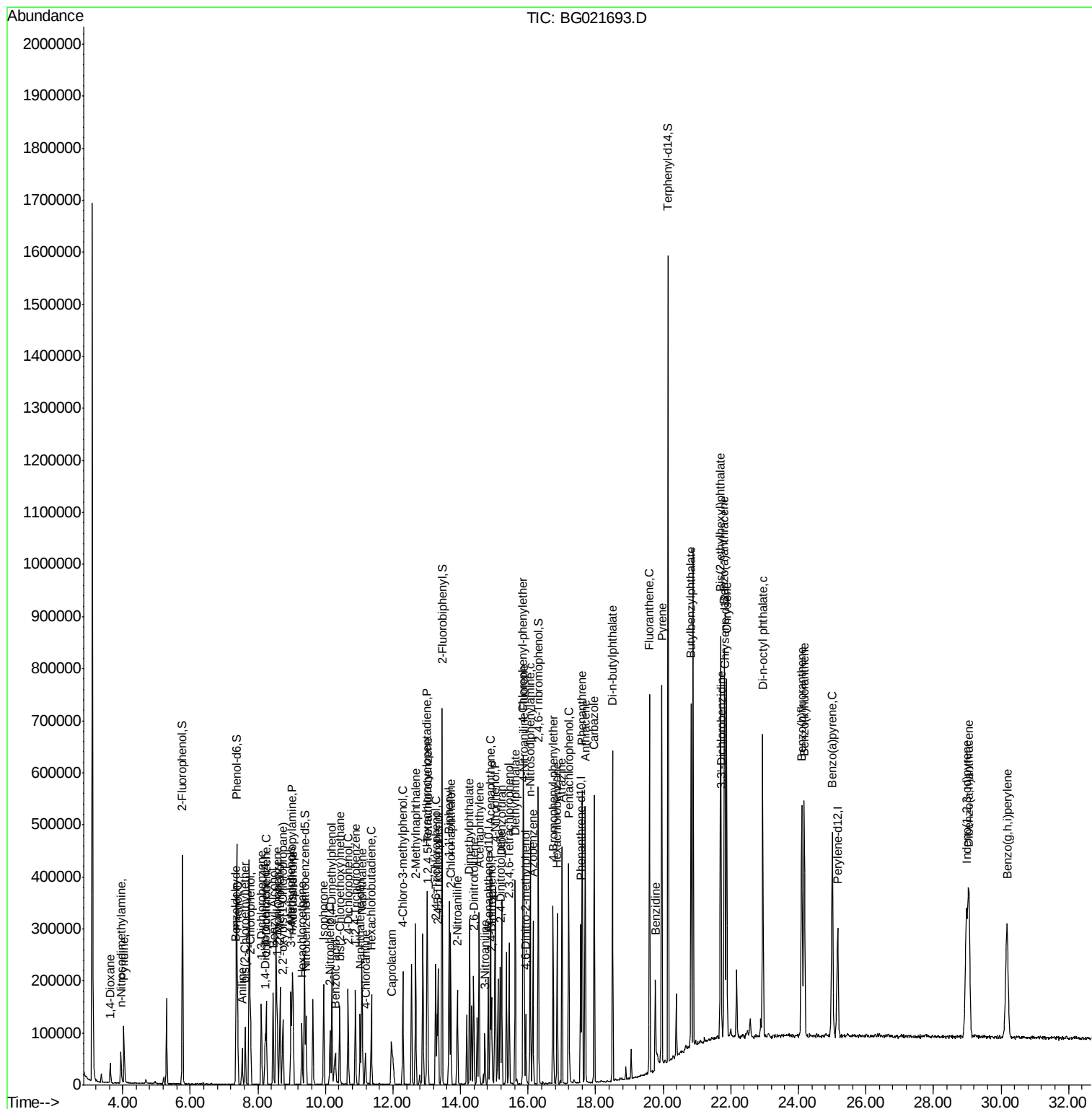
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	55146	38.14	ng	97
43) 2,4,5-Trichlorophenol	13.34	196	59919	38.41	ng	97
45) 1,1'-Biphenyl	13.66	154	193334	31.63	ng	99
46) 2-Chloronaphthalene	13.71	162	147590	32.66	ng	98
47) 2-Nitroaniline	13.90	65	56044	36.17	ng	98
48) Acenaphthylene	14.55	152	245740	32.89	ng	99
49) Dimethylphthalate	14.27	163	208756	33.28	ng	97
50) 2,6-Dinitrotoluene	14.39	165	44649	37.33	ng	95
51) Acenaphthene	14.89	154	173404	36.30	ng	99
52) 3-Nitroaniline	14.72	138	23734	17.89	ng	98
53) 2,4-Dinitrophenol	14.93	184	36304	79.00	ng	88
54) Dibenzofuran	15.22	168	243722	37.37	ng	99
55) 4-Nitrophenol	15.03	139	96067	84.58	ng	97
56) 2,4-Dinitrotoluene	15.17	165	65205	40.33	ng	95
57) Fluorene	15.87	166	201035	34.51	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.44	232	57091	44.10	ng	99
59) Diethylphthalate	15.62	149	228601	34.91	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	96922	33.78	ng	95
61) 4-Nitroaniline	15.88	138	57255	39.22	ng	97
62) Azobenzene	16.14	77	207193	36.92	ng	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	28741	38.31	ng	93
65) n-Nitrosodiphenylamine	16.07	169	185048	33.16	ng	94
66) 4-Bromophenyl-phenylether	16.74	248	65238	32.72	ng	97
67) Hexachlorobenzene	16.86	284	68395	32.50	ng	97
68) Atrazine	17.00	200	82787	37.56	ng	98
69) Pentachlorophenol	17.21	266	79803	66.42	ng	94
70) Phenanthrene	17.60	178	348128	33.94	ng	98
71) Anthracene	17.69	178	351316	33.74	ng	99
72) Carbazole	17.96	167	358077	36.85	ng	99
73) Di-n-butylphthalate	18.50	149	452910	36.64	ng	99
74) Fluoranthene	19.59	202	445986	36.42	ng	100
76) Benzidine	19.77	184	170555	24.14	ng	99
77) Pyrene	19.96	202	460304	35.18	ng	99
79) Butylbenzylphthalate	20.83	149	208936	34.40	ng	98
80) Benzo(a)anthracene	21.81	228	456324	34.94	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	82604	7.99	ng	98
82) Chrysene	21.88	228	418672	33.37	ng	100
83) Bis(2-ethylhexyl)phthalate	21.70	149	302653	34.07	ng	# 99
84) Di-n-octyl phthalate	22.95	149	525385	35.30	ng	98
85) Indeno(1,2,3-cd)pyrene	28.98	276	522763	35.05	ng	# 96
87) Benzo(b)fluoranthene	24.10	252	457931	34.67	ng	100
88) Benzo(k)fluoranthene	24.17	252	428604	33.18	ng	99
89) Benzo(a)pyrene	25.01	252	439087	34.31	ng	99
90) Dibenzo(a,h)anthracene	29.05	278	437814	34.12	ng	99
91) Benzo(g,h,i)perylene	30.18	276	429879	34.14	ng	97

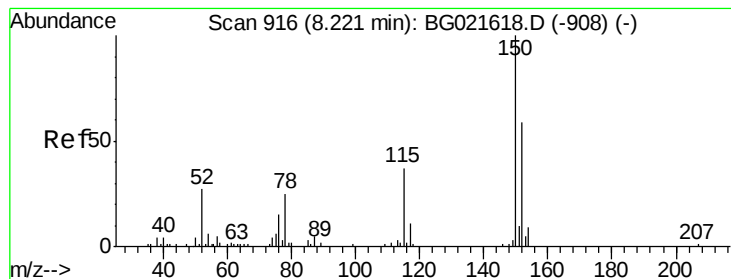
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

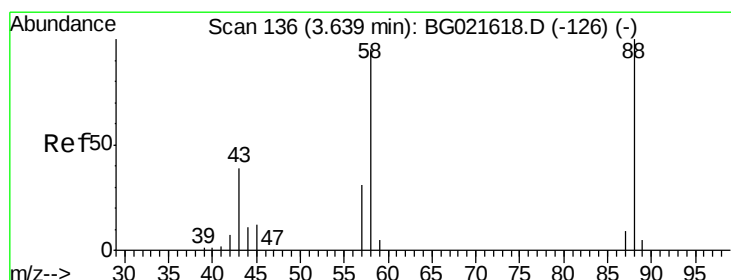
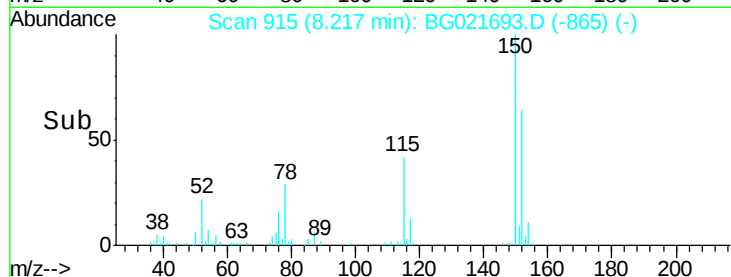
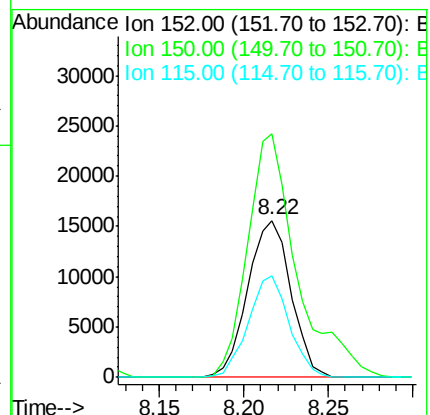
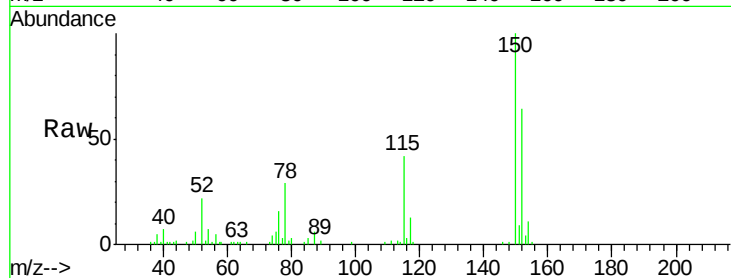
Tgt Ion:152 Resp: 27643

Ion Ratio Lower Upper

152 100

150 155.4 130.1 195.1

115 64.6 62.2 93.2



#2

1,4-Dioxane

Concen: 25.99 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

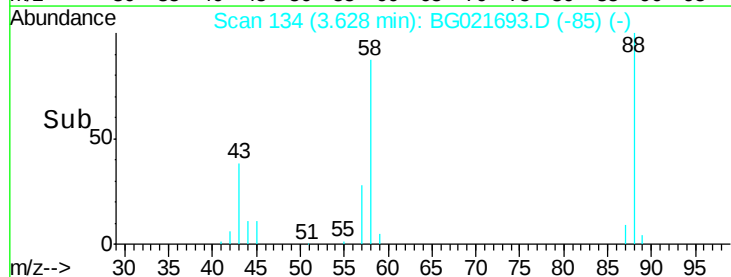
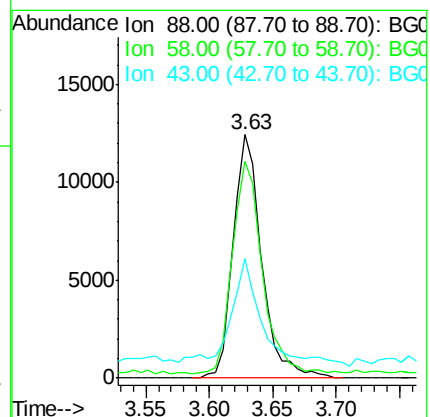
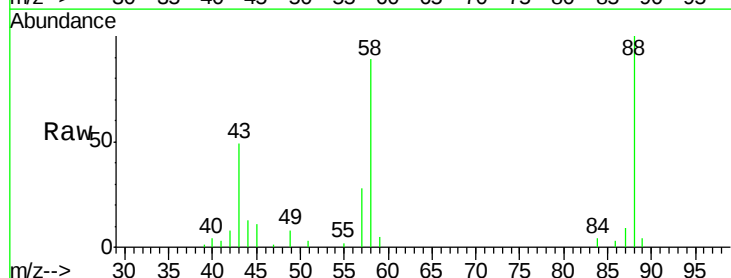
Tgt Ion: 88 Resp: 19208

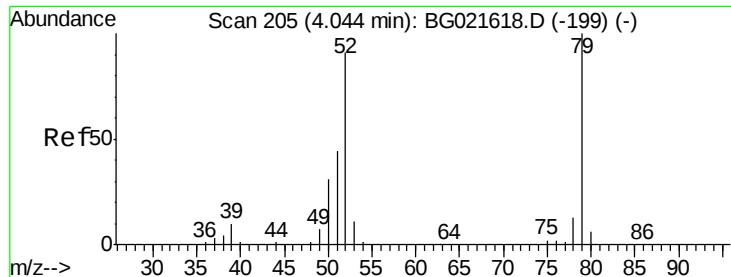
Ion Ratio Lower Upper

88 100

58 91.0 61.8 92.8

43 40.6 27.3 40.9





#3

Pyridine

Concen: 26.86 ng

RT: 4.03 min Scan# 203

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

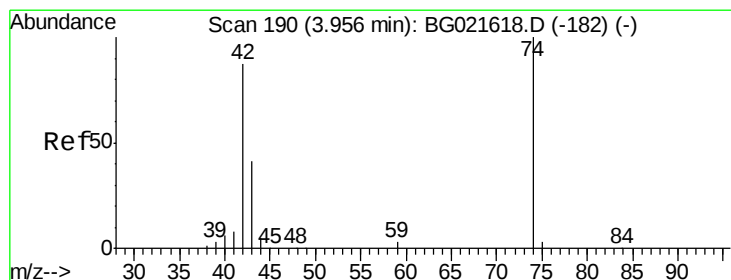
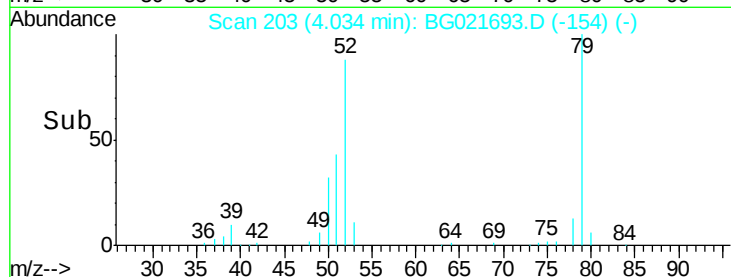
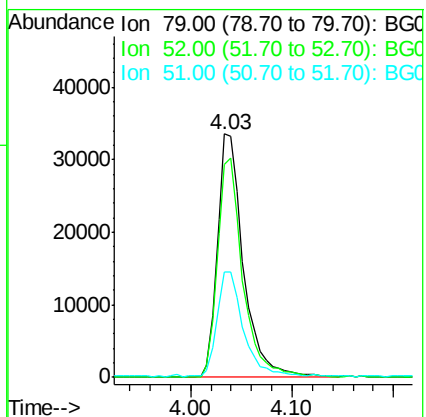
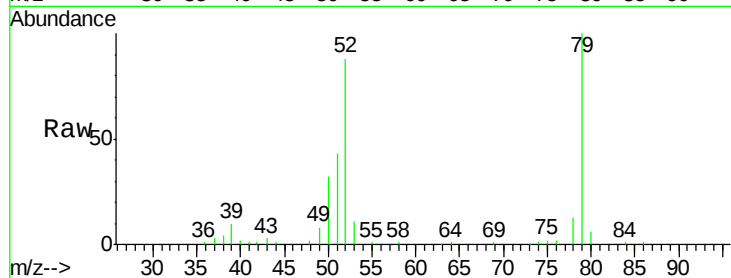
Tgt Ion: 79 Resp: 59555

Ion Ratio Lower Upper

79 100

52 87.5 77.2 115.8

51 43.4 42.5 63.7



#4

n-Nitrosodimethylamine

Concen: 29.53 ng

RT: 3.95 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

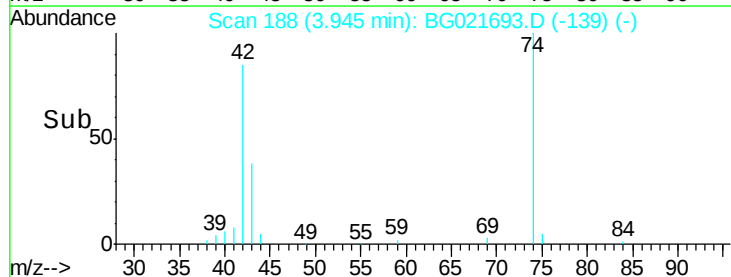
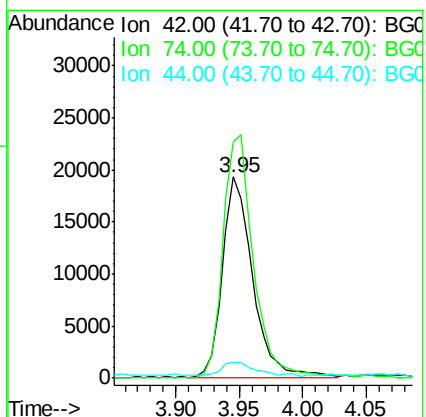
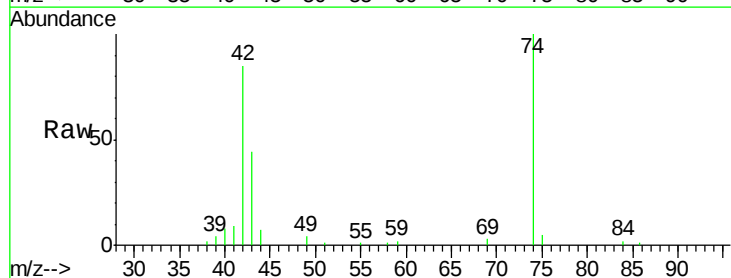
Tgt Ion: 42 Resp: 32456

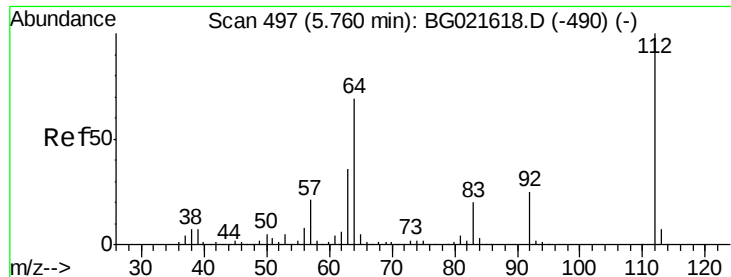
Ion Ratio Lower Upper

42 100

74 117.1 83.0 124.4

44 7.9 11.0 16.6#





#5

2-Fluorophenol

Concen: 114.73 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

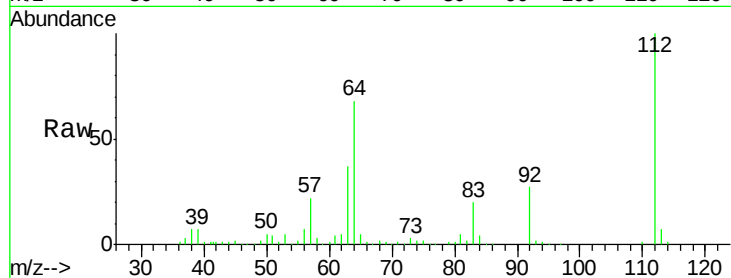
Instrument :

BNA_G

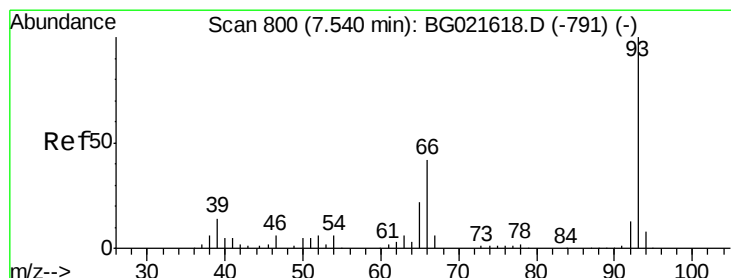
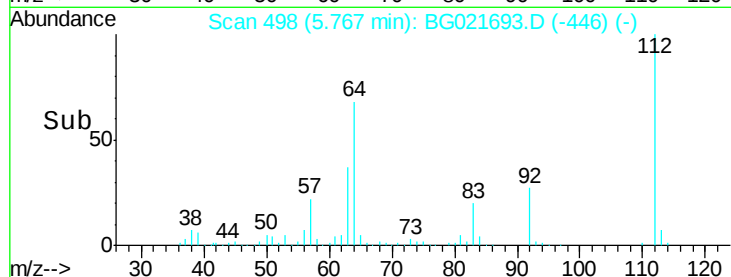
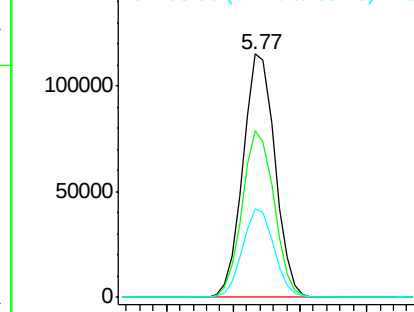
ClientSampleId :

PB89849BS

Tgt Ion:	112	Resp:	190451
Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.1	76.7
63	36.6	24.6	37.0



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: 13.06 ng

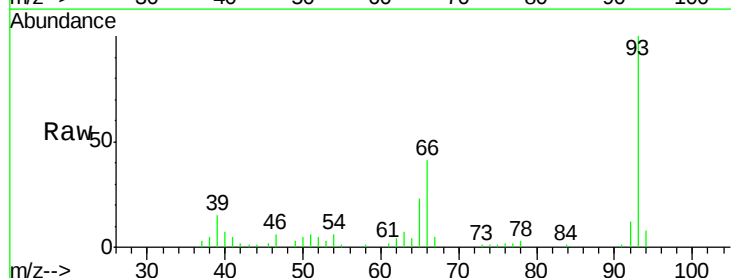
RT: 7.54 min Scan# 799

Delta R.T. -0.00 min

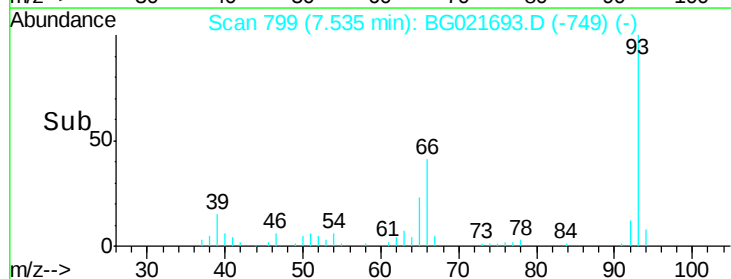
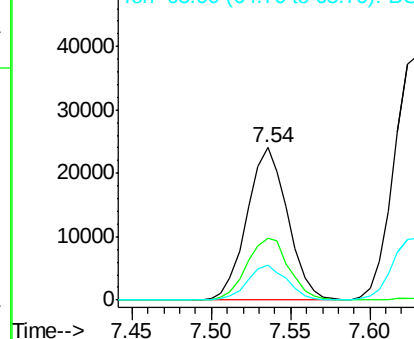
Lab File: BG021693.D

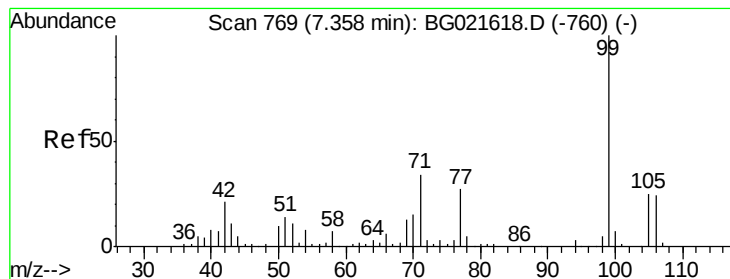
Acq: 15 Apr 2016 19:56

Tgt Ion:	93	Resp:	42828
Ion	Ratio	Lower	Upper
93	100		
66	40.8	36.3	54.5
65	22.6	18.4	27.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.51 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

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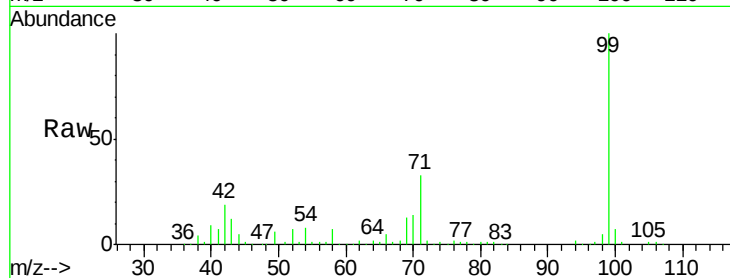
Tgt Ion: 99 Resp: 269049

Ion Ratio Lower Upper

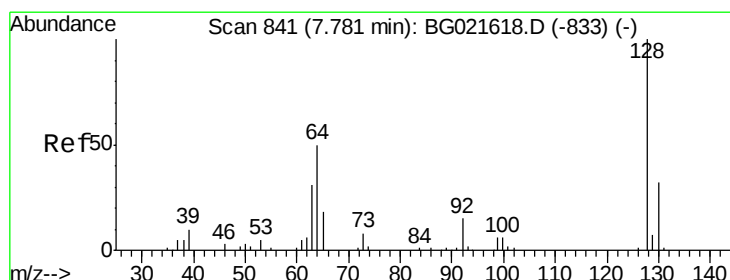
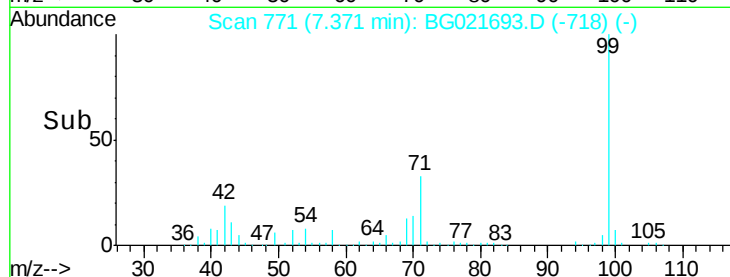
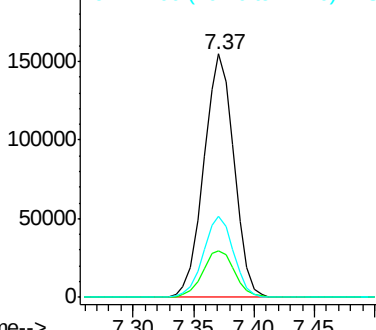
99 100

42 19.2 16.4 24.6

71 33.4 25.0 37.4



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: 33.02 ng

RT: 7.78 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

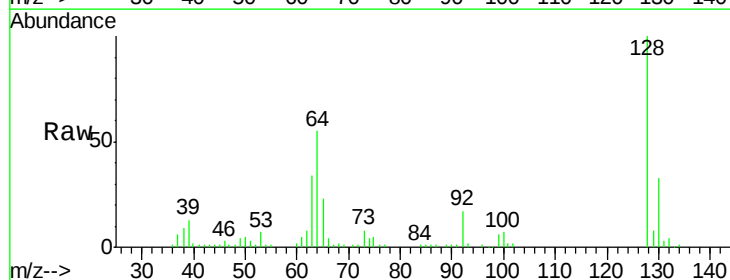
Tgt Ion: 128 Resp: 65710

Ion Ratio Lower Upper

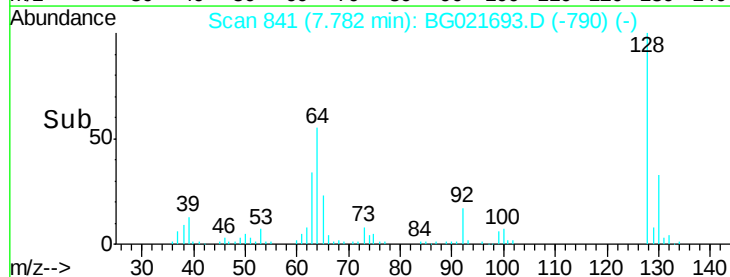
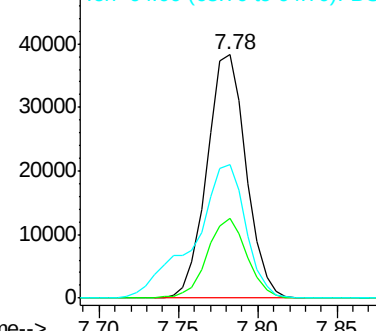
128 100

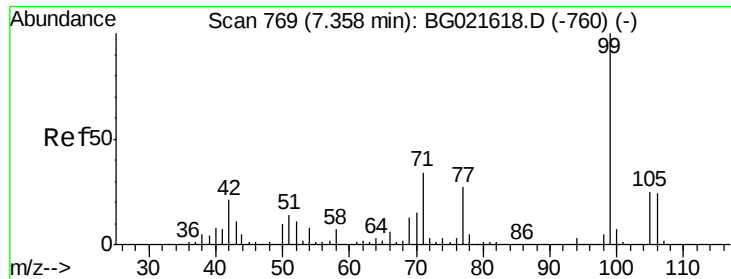
130 32.9 11.2 51.2

64 54.8 39.8 79.8



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: 13.14 ng

RT: 7.35 min Scan# 767

Delta R.T. -0.01 min

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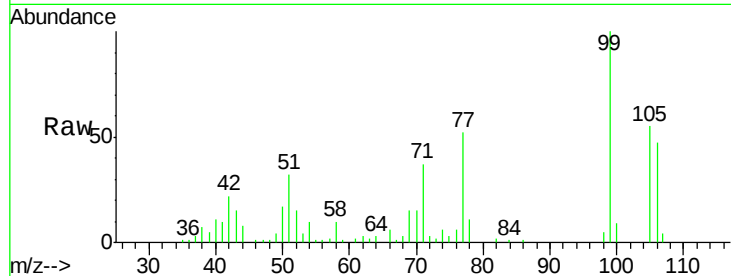
Tgt Ion: 77 Resp: 18837

Ion Ratio Lower Upper

77 100

105 104.8 62.1 102.1#

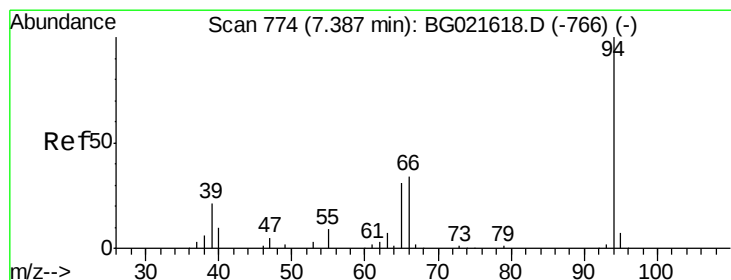
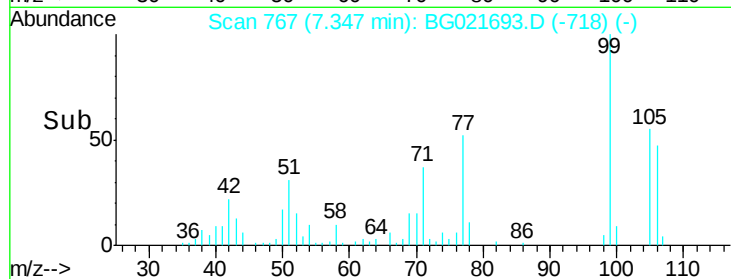
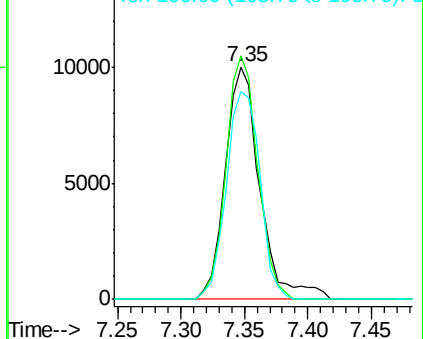
106 89.4 65.6 105.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 33.72 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

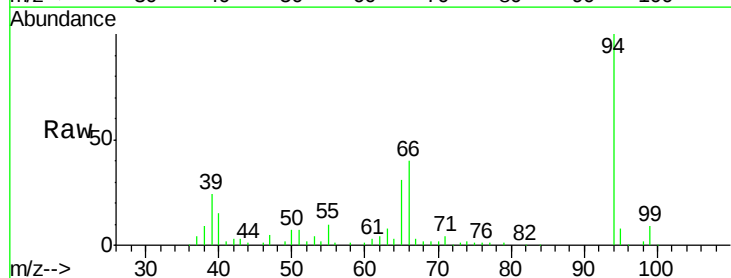
Tgt Ion: 94 Resp: 89938

Ion Ratio Lower Upper

94 100

65 31.0 9.8 49.8

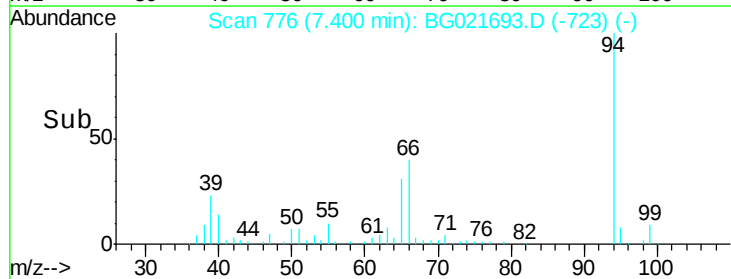
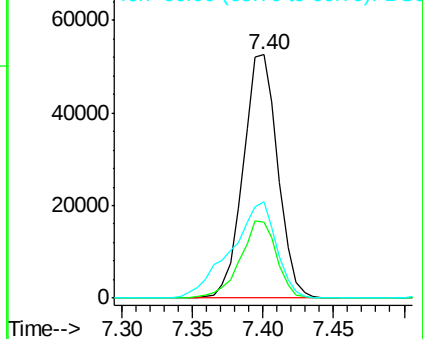
66 39.7 20.8 60.8

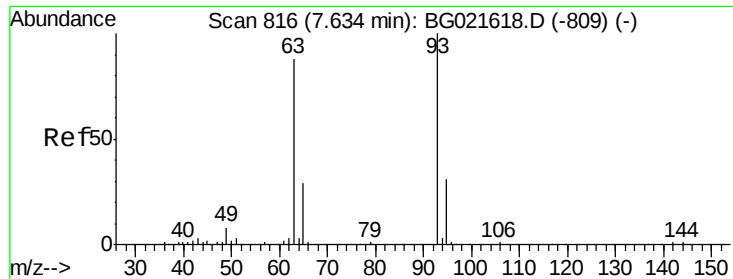


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 29.54 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

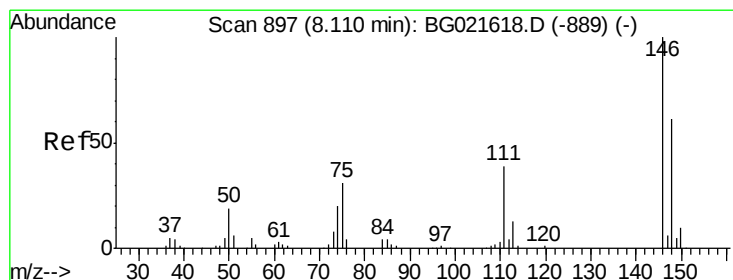
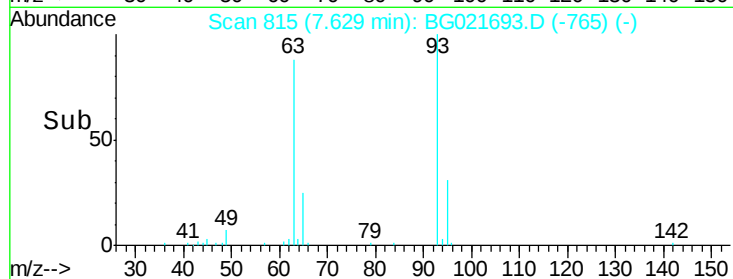
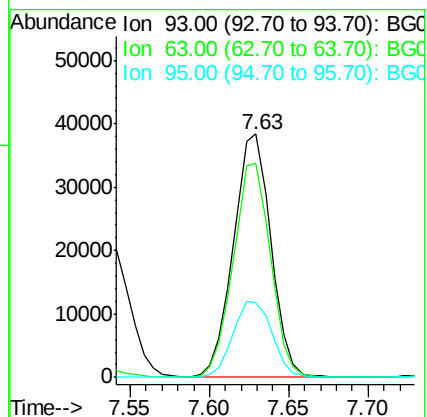
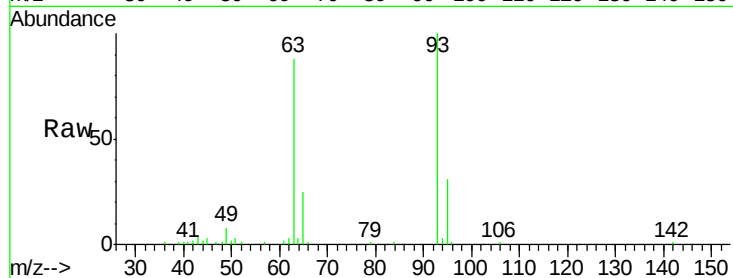
Tgt Ion: 93 Resp: 63059

Ion Ratio Lower Upper

93 100

63 88.2 74.9 114.9

95 30.6 8.3 48.3



#12

1,3-Dichlorobenzene

Concen: 31.22 ng

RT: 8.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

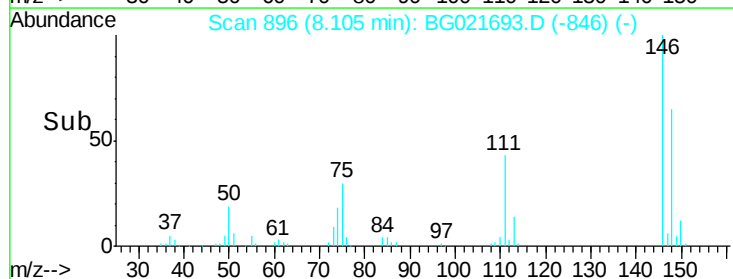
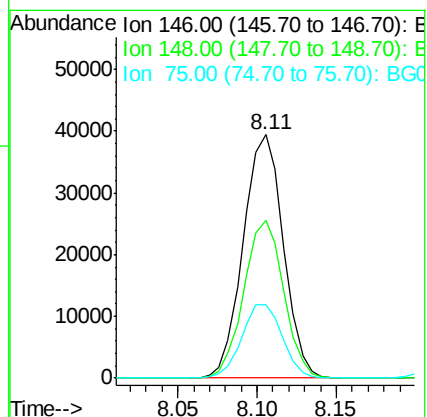
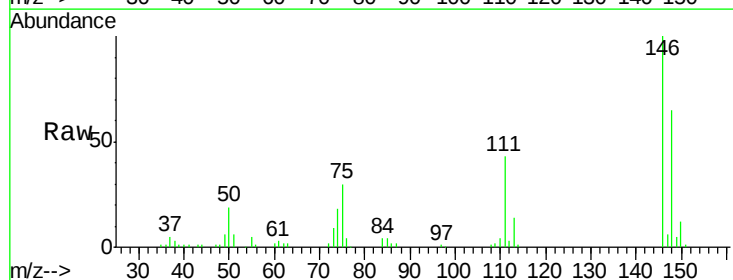
Tgt Ion: 146 Resp: 69389

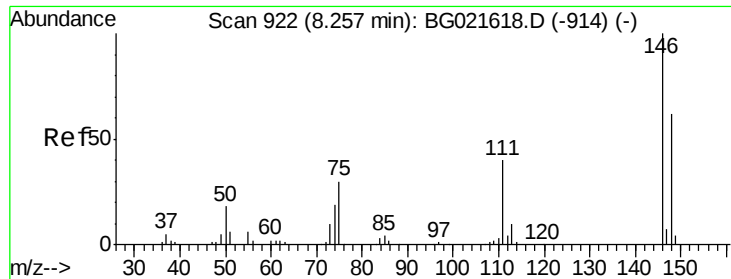
Ion Ratio Lower Upper

146 100

148 64.9 53.7 80.5

75 30.2 27.4 41.0

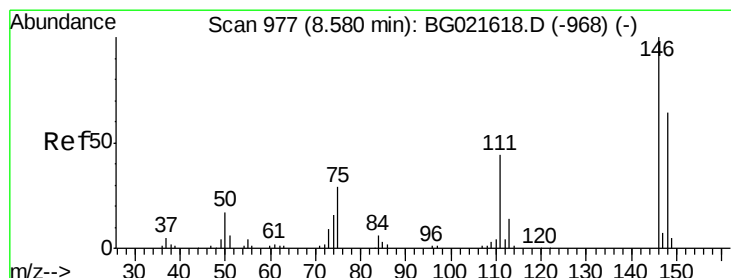
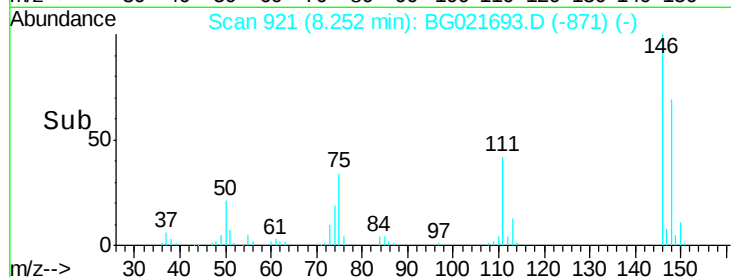
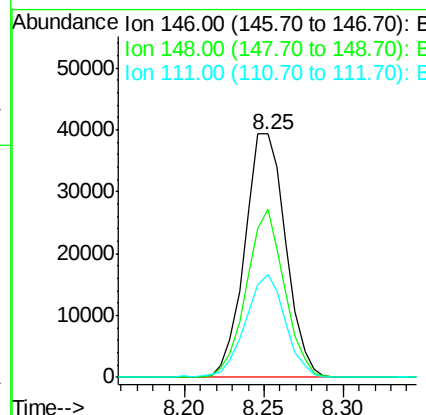
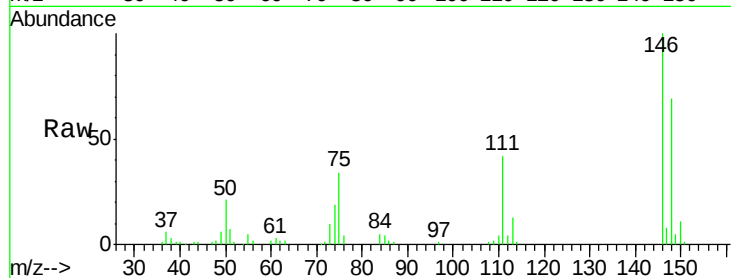




#13
 1,4-Dichlorobenzene
 Concen: 31.20 ng
 RT: 8.25 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

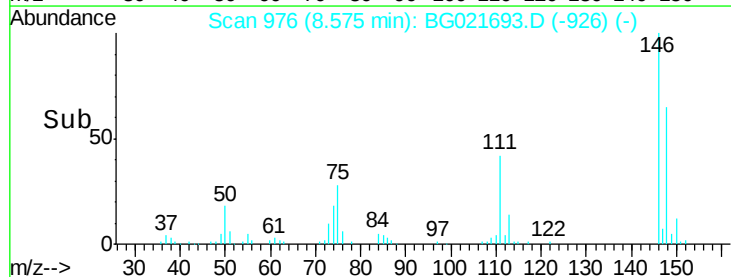
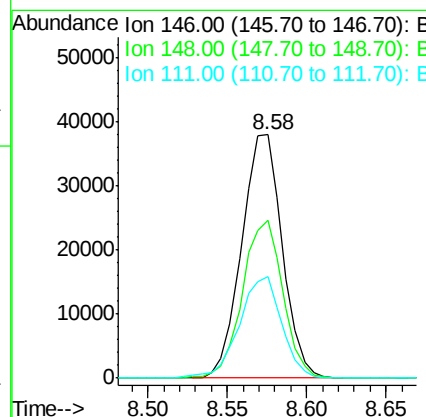
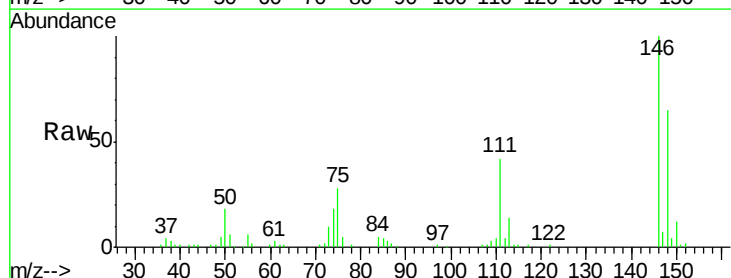
Instrument :
 BNA_G
 ClientSampleID :
 PB89849BS

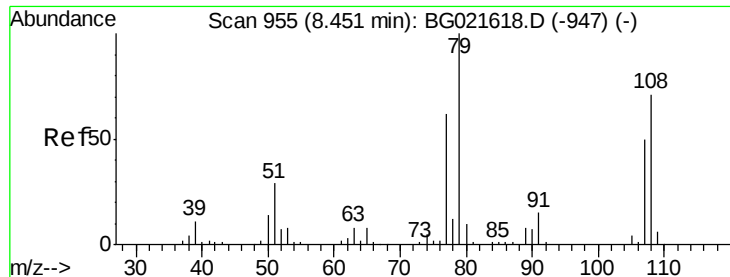
Tgt Ion:146 Resp: 70586
 Ion Ratio Lower Upper
 146 100
 148 69.2 46.7 70.1
 111 42.4 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 31.11 ng
 RT: 8.58 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:146 Resp: 67533
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.6 79.0
 111 41.9 36.1 54.1





#15

Benzyl Alcohol

Concen: 33.68 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

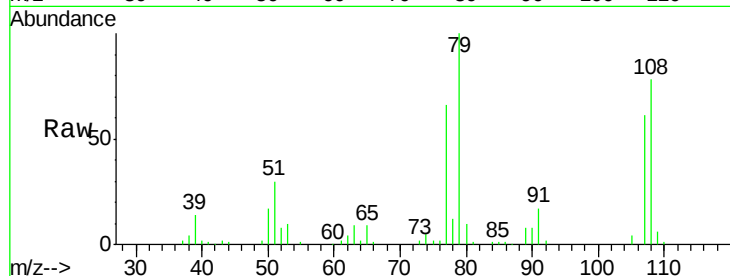
Tgt Ion: 79 Resp: 63831

Ion Ratio Lower Upper

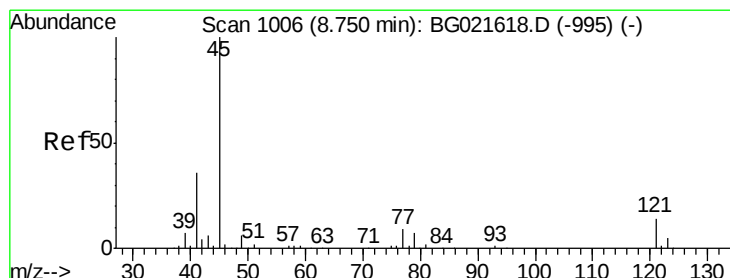
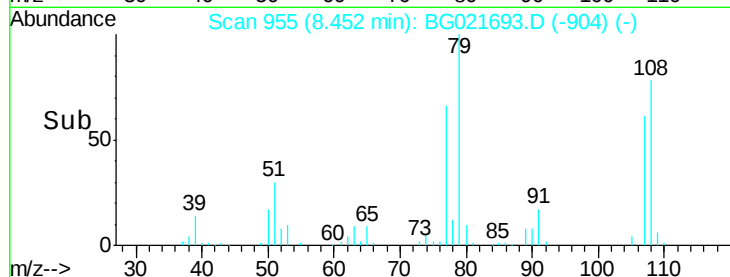
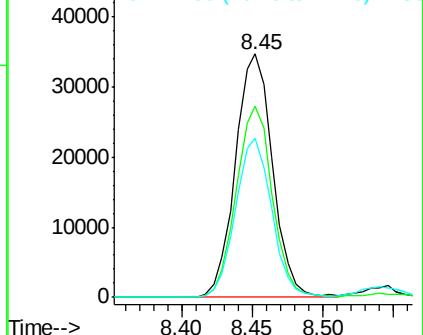
79 100

108 78.3 59.4 89.0

77 65.5 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.60 ng

RT: 8.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

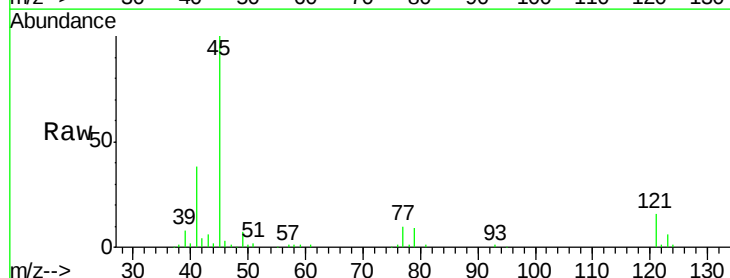
Tgt Ion: 45 Resp: 121597

Ion Ratio Lower Upper

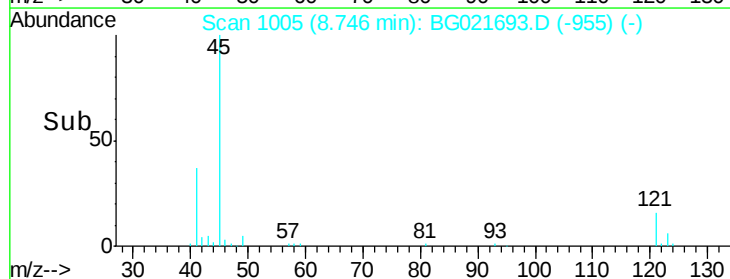
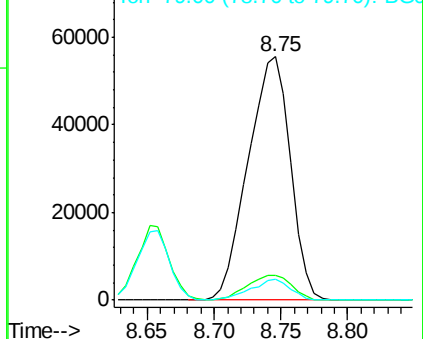
45 100

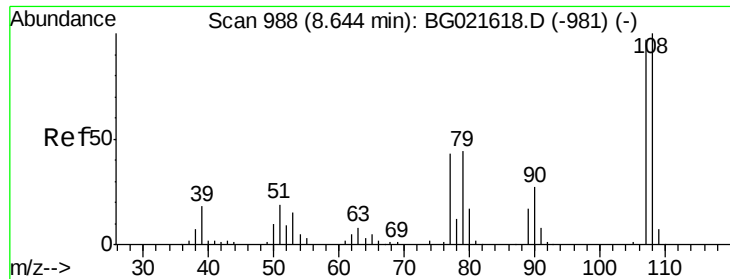
77 10.3 0.0 31.2

79 8.6 0.0 29.0



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

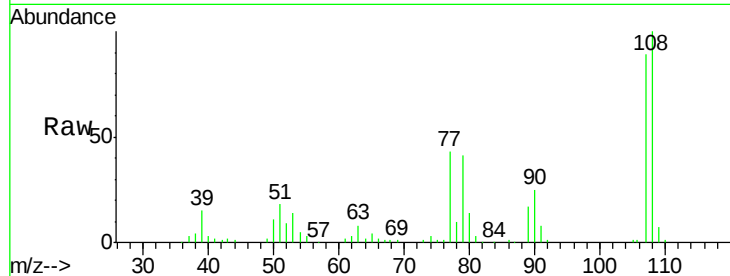




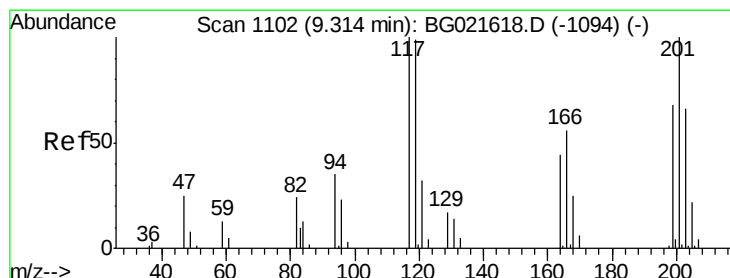
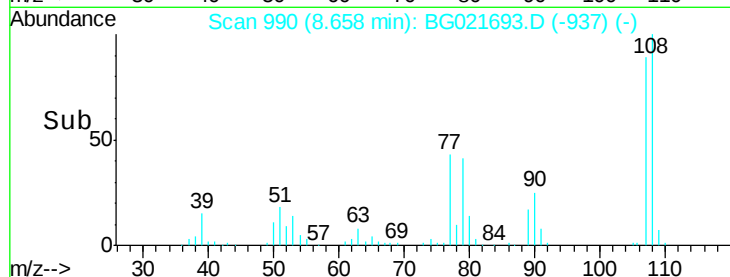
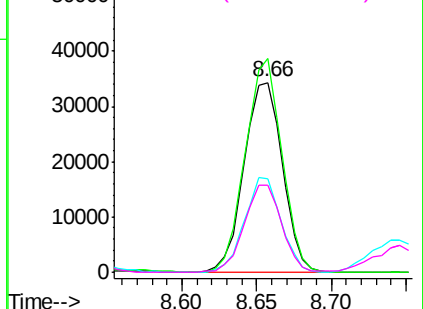
#17
2-Methylphenol
Concen: 33.16 ng
RT: 8.66 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tgt Ion:107 Resp: 61144
Ion Ratio Lower Upper
107 100
108 112.7 80.2 120.4
77 49.0 40.7 61.1
79 45.9 39.8 59.8

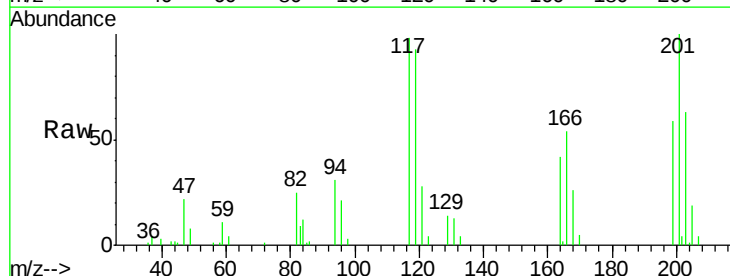


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

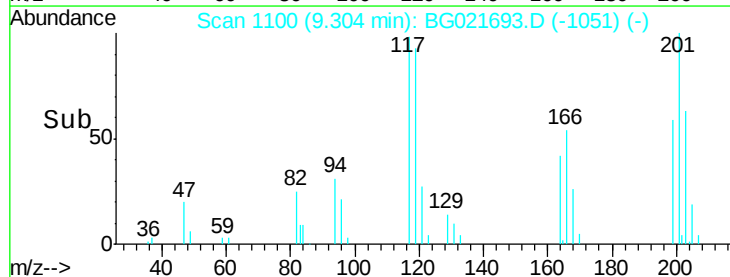
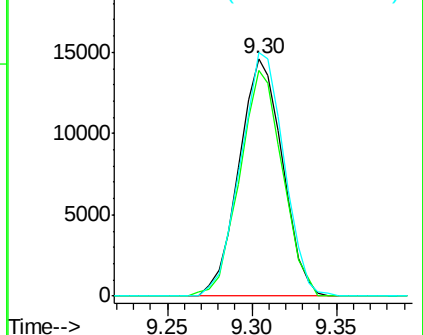


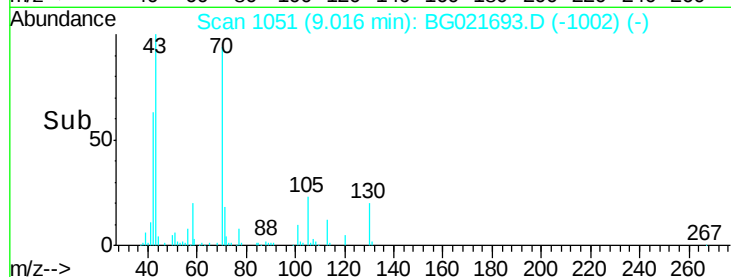
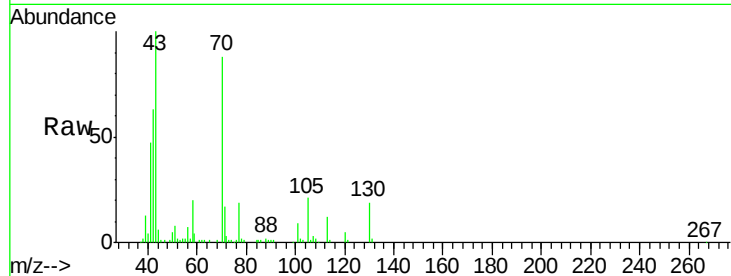
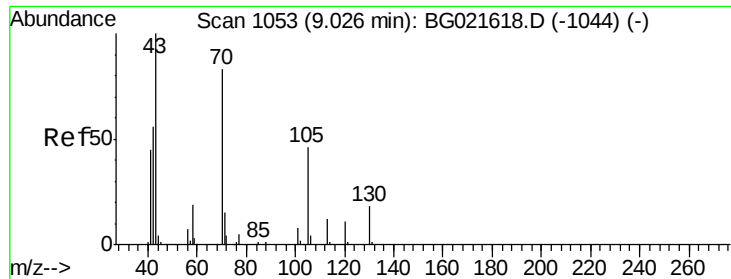
#18
Hexachloroethane
Concen: 31.63 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:117 Resp: 26042
Ion Ratio Lower Upper
117 100
119 95.1 63.9 95.9
201 102.5 61.2 91.8#



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

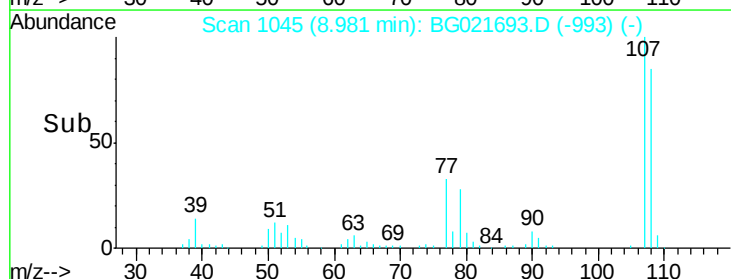
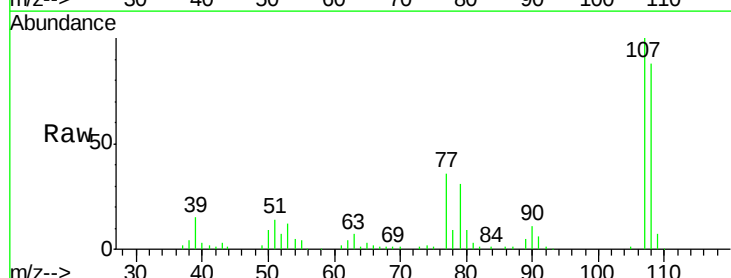
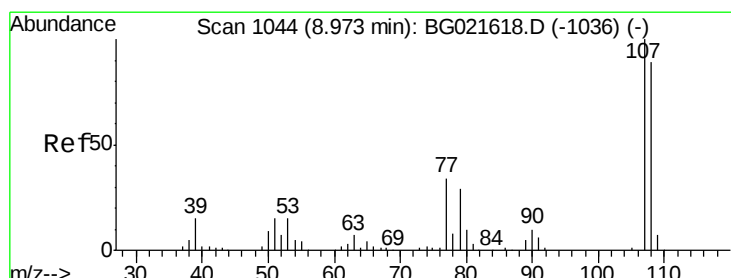
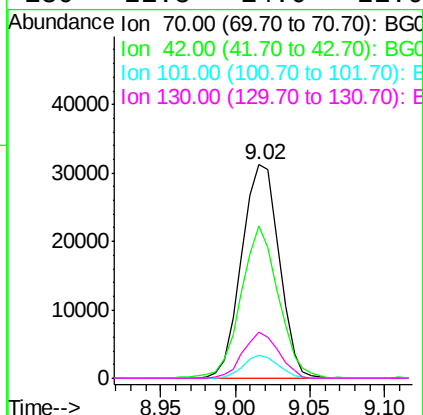




#19
n-Nitroso-di-n-propylamine
Concen: 28.24 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

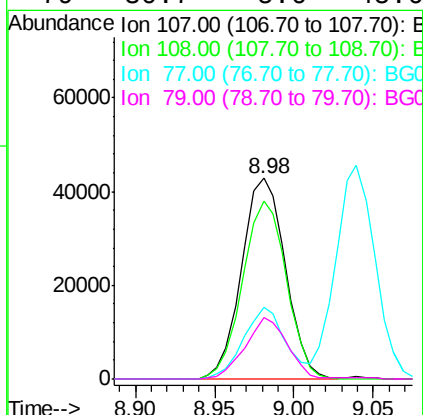
Instrument :
BNA_G
ClientSampleId :
PB89849BS

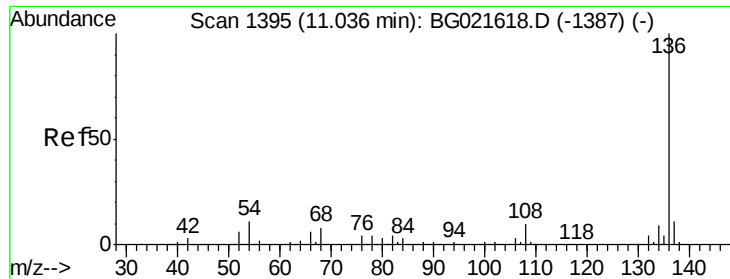
Tgt Ion: 70 Resp: 54417
Ion Ratio Lower Upper
70 100
42 71.5 56.7 85.1
101 10.7 8.2 12.4
130 21.8 14.0 21.0#



#20
3+4-Methylphenols
Concen: 32.62 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion: 107 Resp: 82314
Ion Ratio Lower Upper
107 100
108 88.5 66.2 106.2
77 35.6 11.5 51.5
79 30.7 5.6 45.6

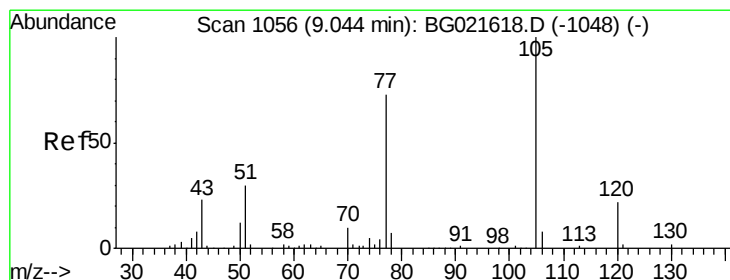
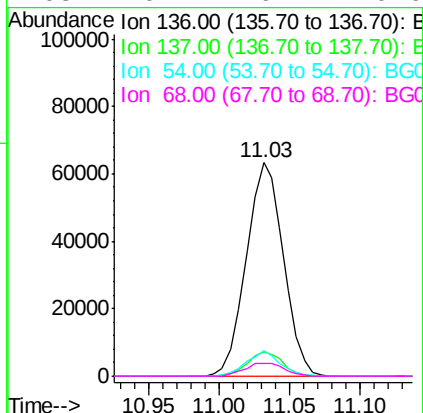
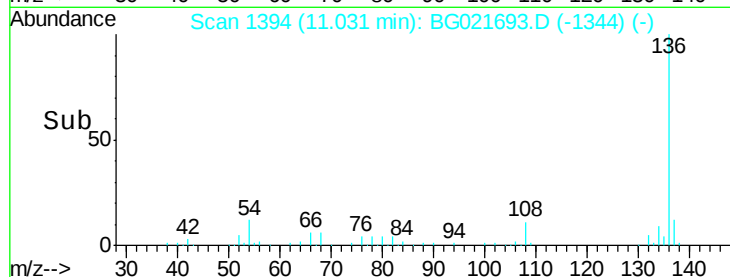
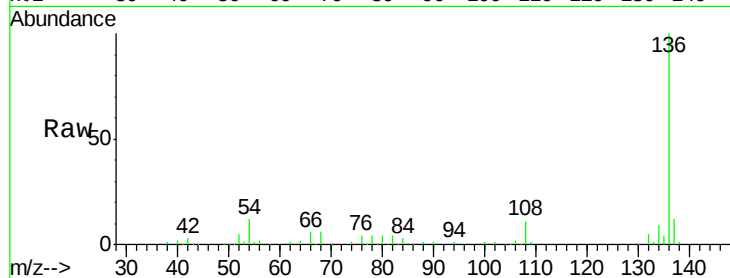




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

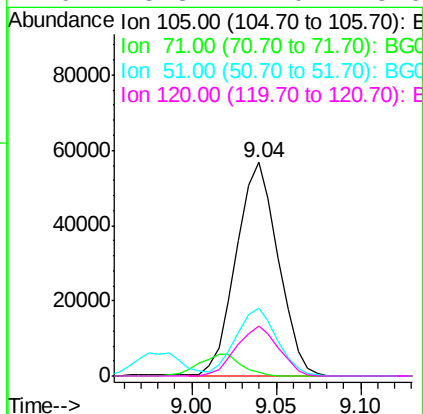
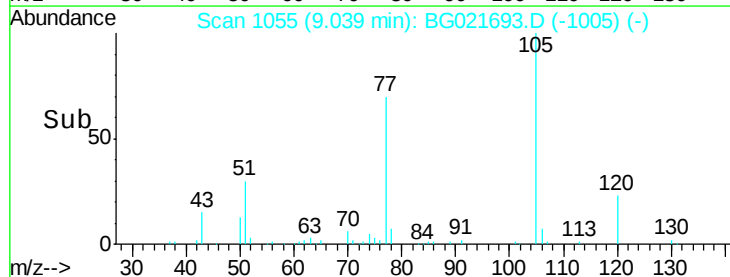
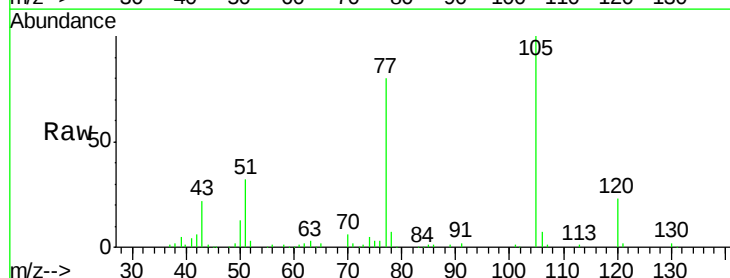
Instrument :
BNA_G
ClientSampleId :
PB89849BS

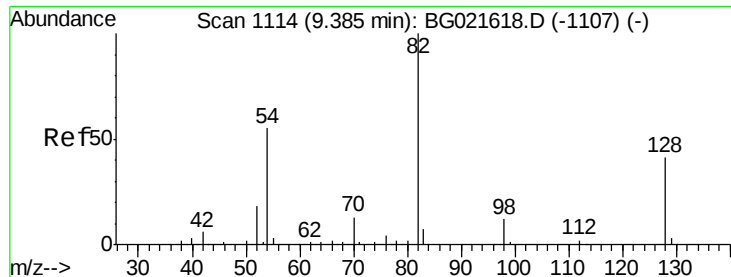
Tgt Ion:	136	Resp:	116573
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.1	9.6	14.4
68	6.2	6.4	9.6#



#22
Acetophenone
Concen: 30.41 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:	105	Resp:	98749
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.0	0.0#
51	31.6	25.7	38.5
120	23.3	17.0	25.6

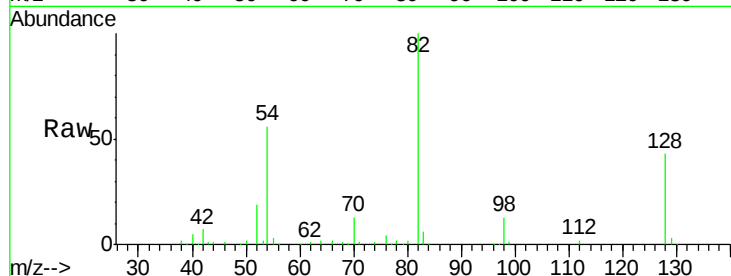




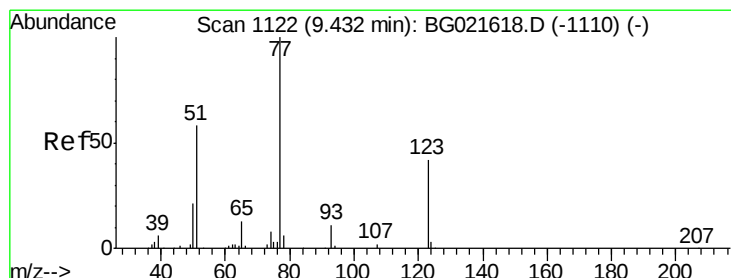
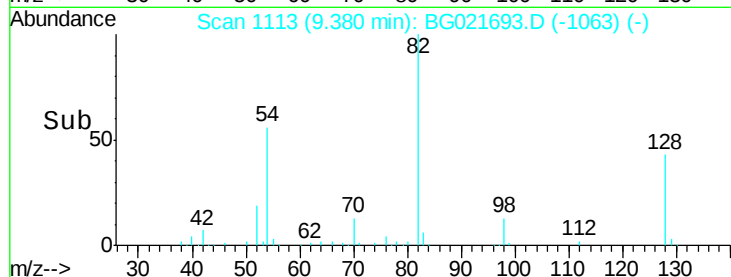
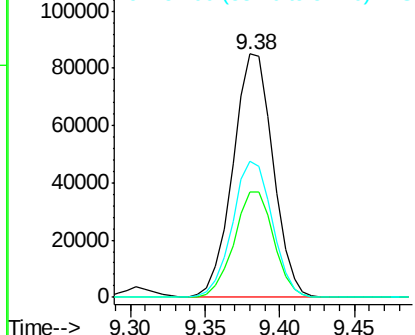
#23
 Nitrobenzene-d5
 Concen: 70.00 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tgt Ion: 82 Resp: 158765
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.4 50.0
 54 55.7 46.1 69.1

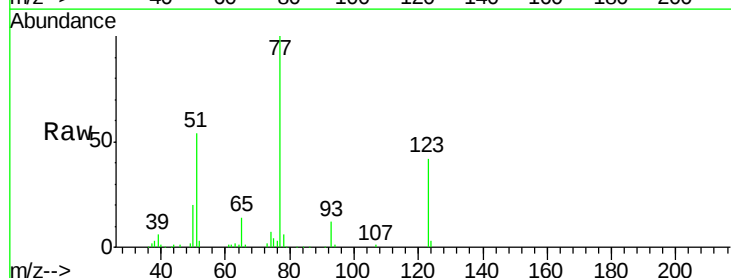


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

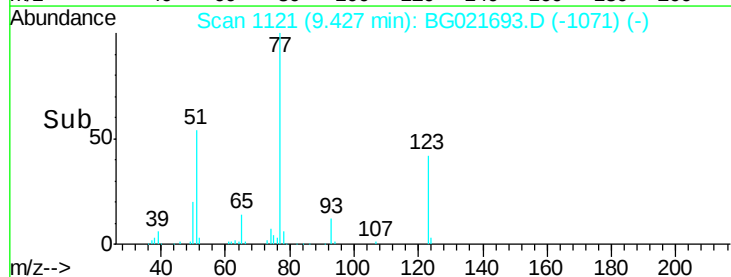
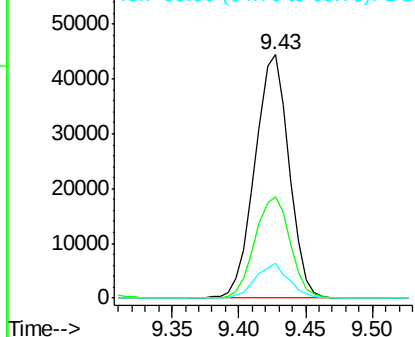


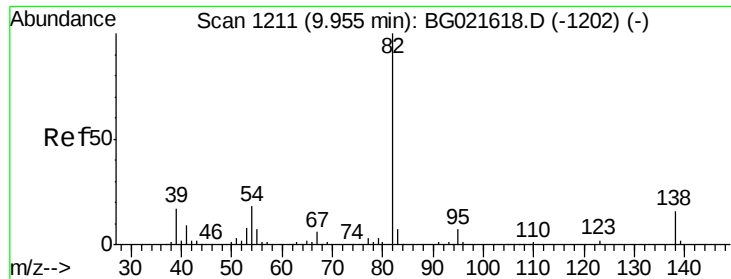
#24
 Nitrobenzene
 Concen: 32.30 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion: 77 Resp: 78428
 Ion Ratio Lower Upper
 77 100
 123 41.7 32.2 48.4
 65 14.2 10.3 15.5



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

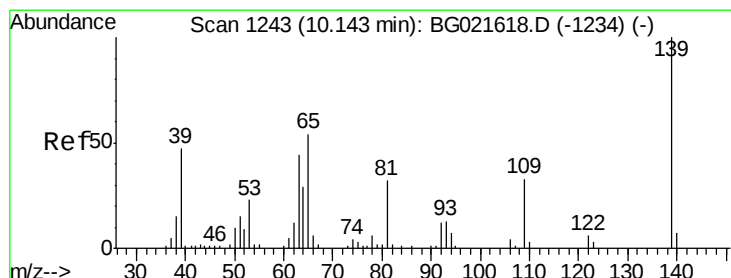
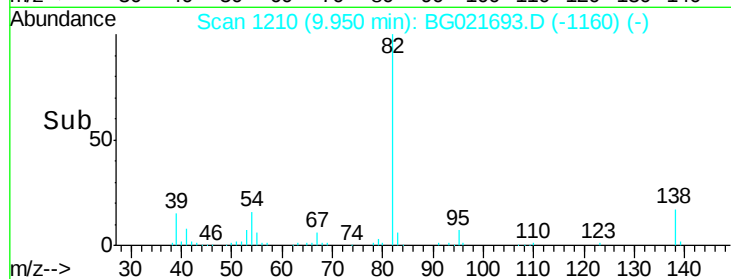
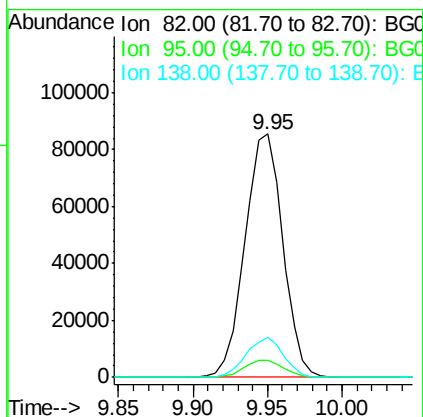
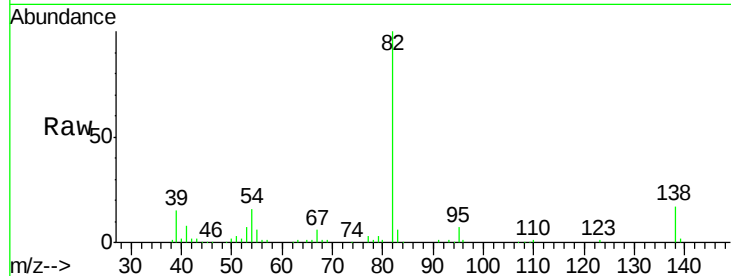




#25
Isophorone
Concen: 30.13 ng
RT: 9.95 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

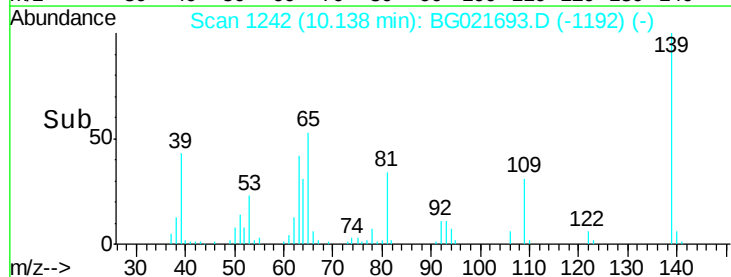
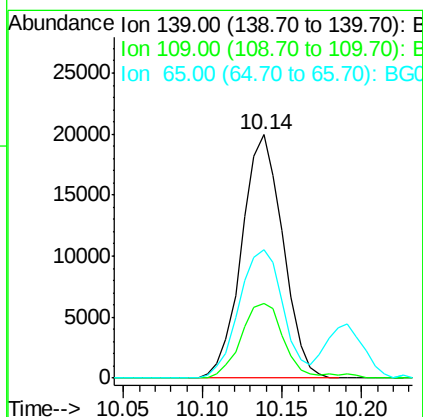
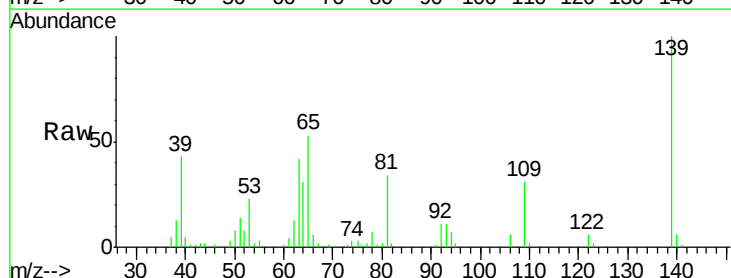
Instrument :
BNA_G
ClientSampleId :
PB89849BS

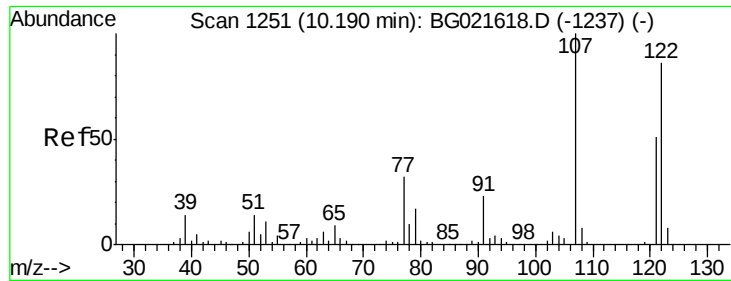
Tgt Ion: 82 Resp: 149560
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 16.5 13.4 20.0



#26
2-Nitrophenol
Concen: 38.82 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion: 139 Resp: 35995
Ion Ratio Lower Upper
139 100
109 30.7 26.6 40.0
65 52.6 45.3 67.9

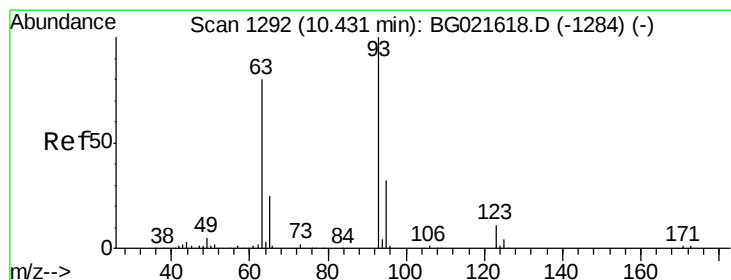
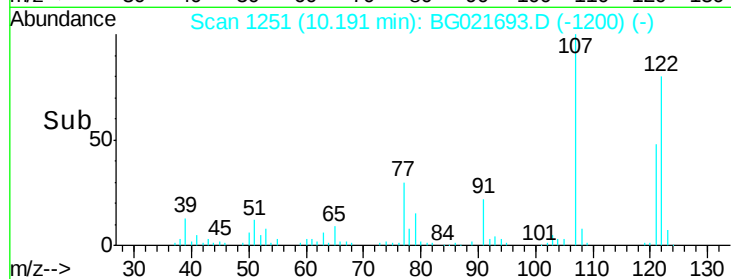
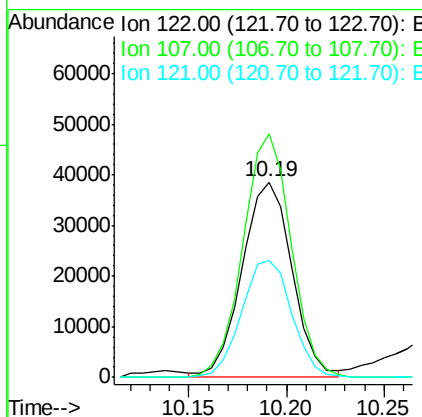
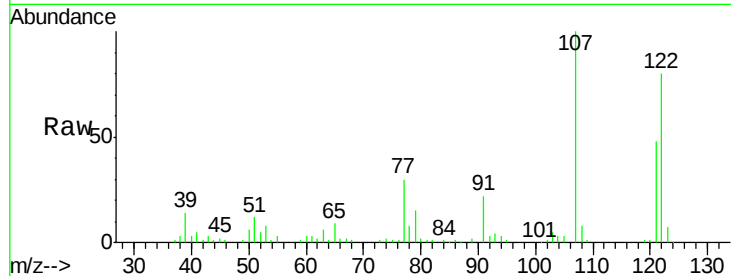




#27
 2,4-Dimethylphenol
 Concen: 32.48 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

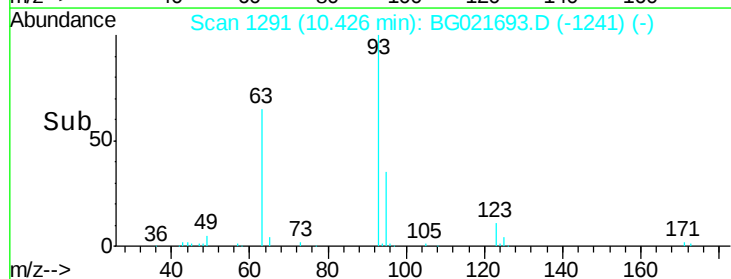
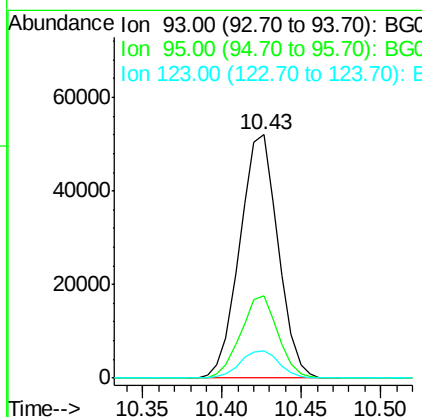
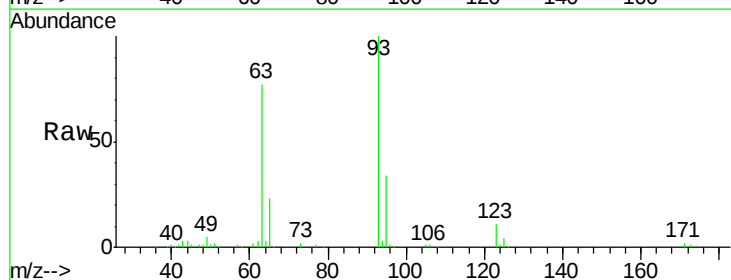
Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

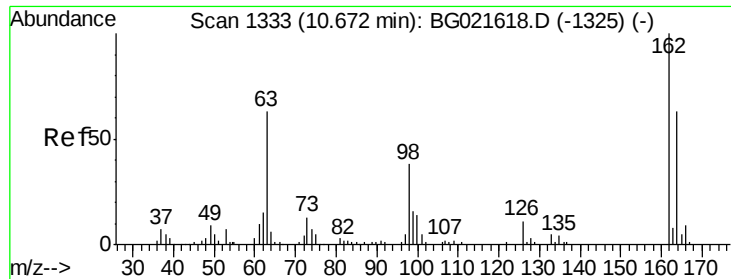
Tgt Ion:122 Resp: 68413
 Ion Ratio Lower Upper
 122 100
 107 124.7 97.2 145.8
 121 60.2 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.03 ng
 RT: 10.43 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion: 93 Resp: 87115
 Ion Ratio Lower Upper
 93 100
 95 34.0 30.1 45.1
 123 11.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.79 ng

RT: 10.67 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

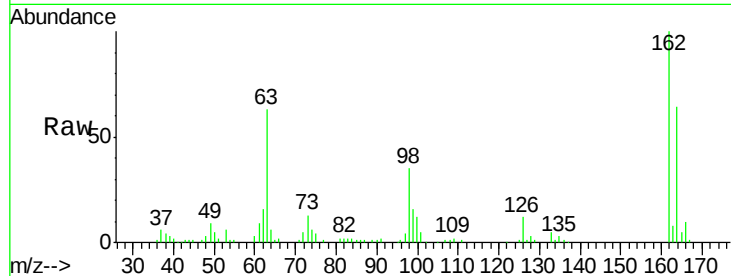
Tgt Ion:162 Resp: 67855

Ion Ratio Lower Upper

162 100

164 64.5 44.9 84.9

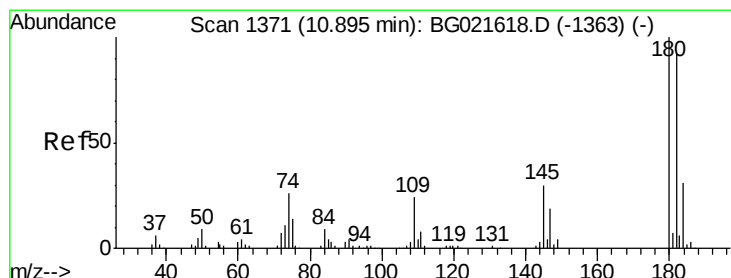
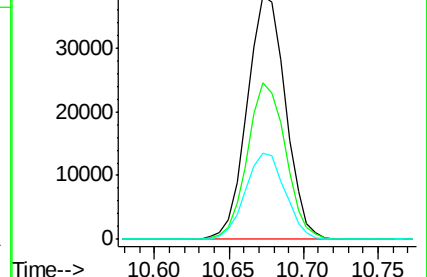
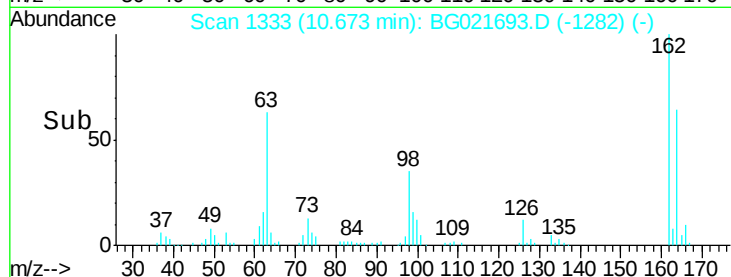
98 35.2 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 33.56 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

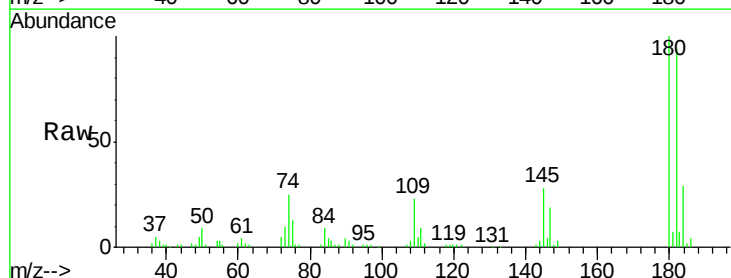
Tgt Ion:180 Resp: 64792

Ion Ratio Lower Upper

180 100

182 94.5 82.3 123.5

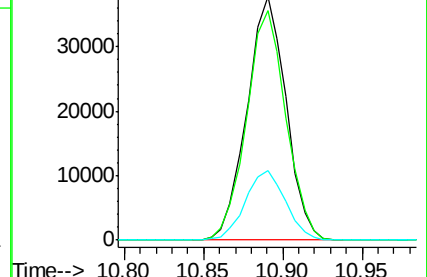
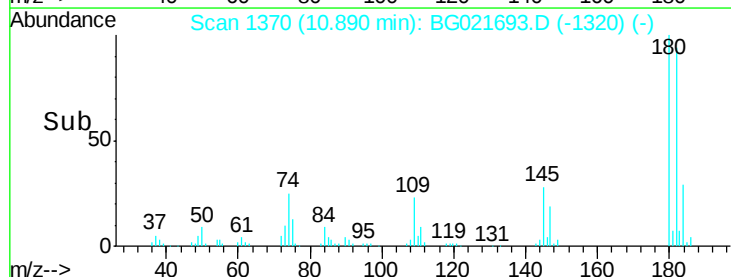
145 28.4 24.4 36.6

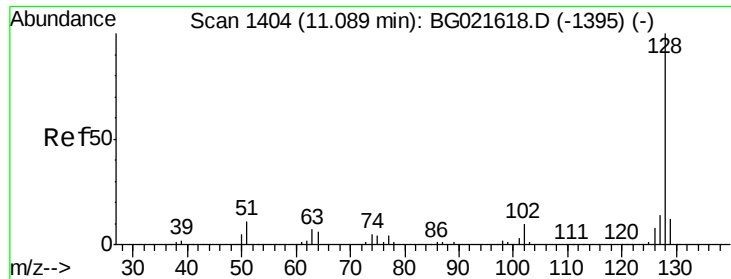


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

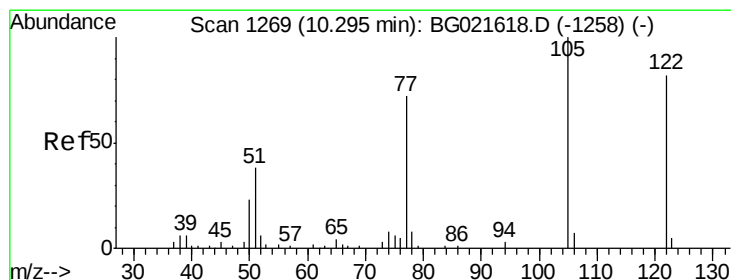
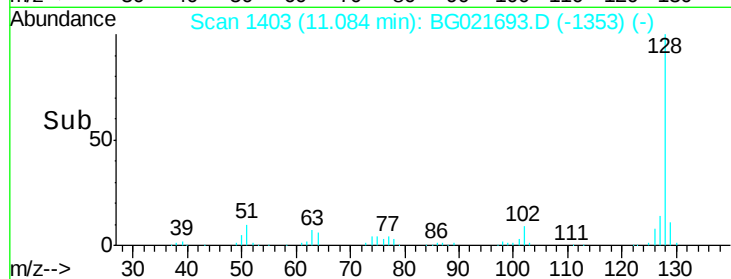
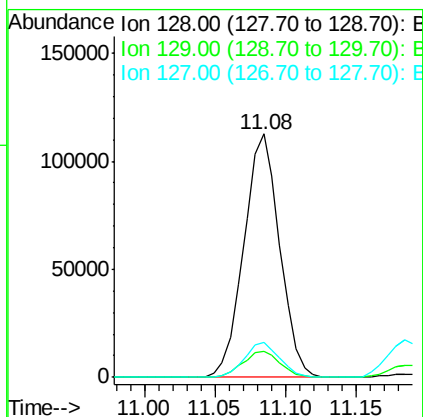
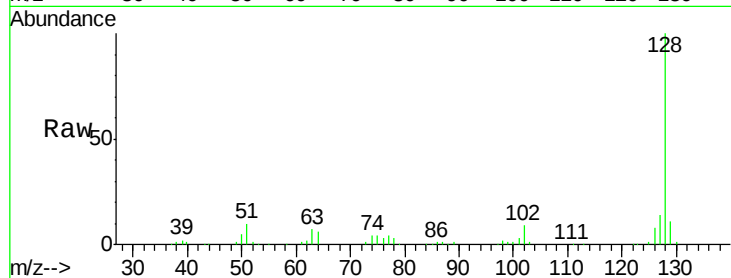




#31
Naphthalene
Concen: 32.02 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

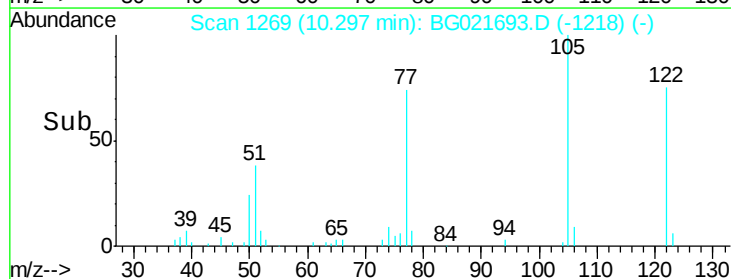
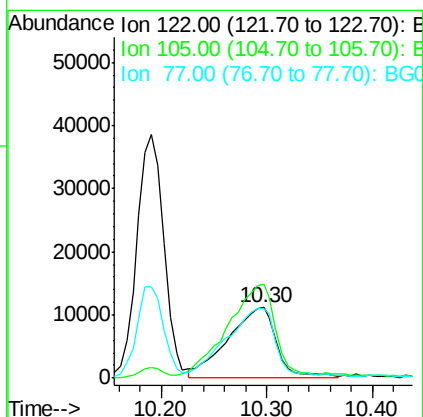
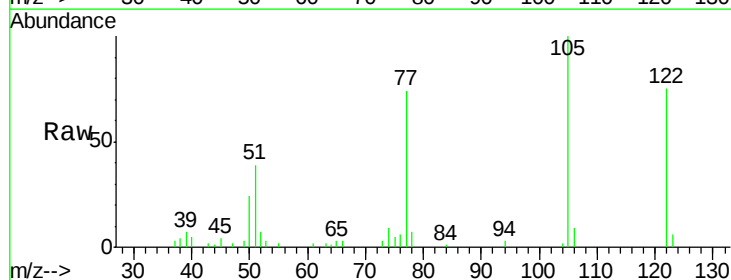
Instrument :
BNA_G
ClientSampleId :
PB89849BS

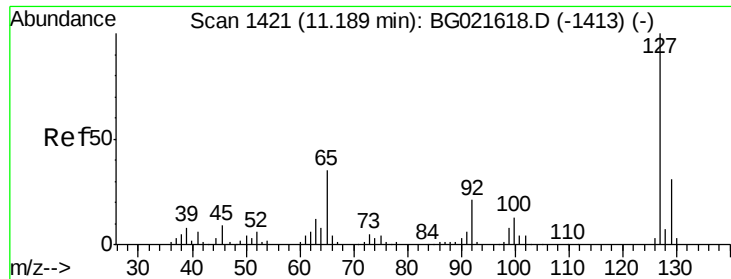
Tgt Ion:128 Resp: 199742
Ion Ratio Lower Upper
128 100
129 10.9 7.0 10.6#
127 14.1 10.1 15.1



#32
Benzoic acid
Concen: 33.85 ng
RT: 10.30 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:122 Resp: 36355
Ion Ratio Lower Upper
122 100
105 132.9 104.5 144.5
77 98.0 79.9 119.9

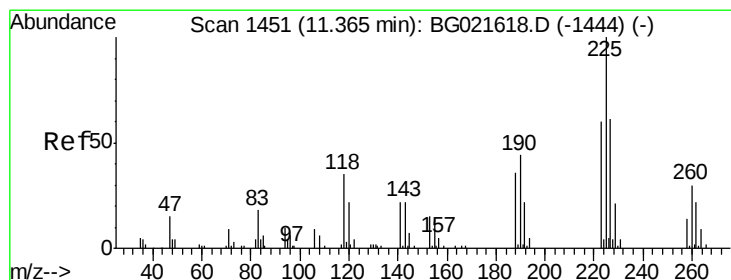
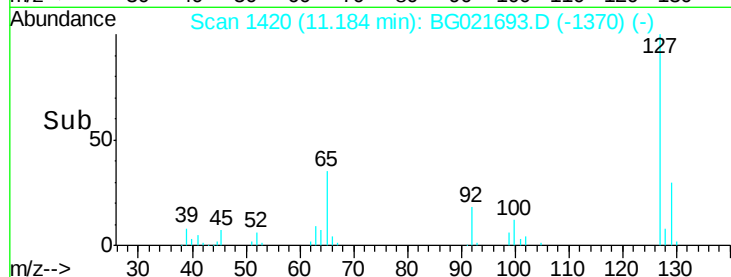
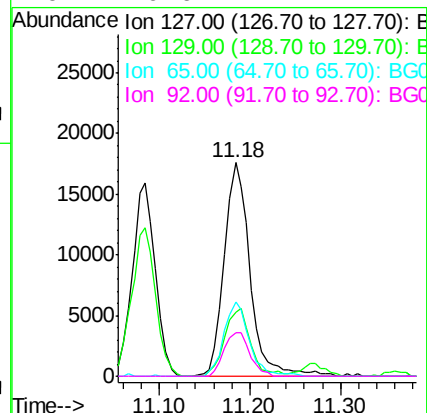
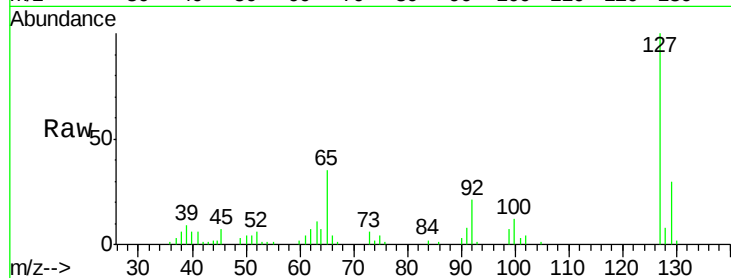




#33
4-Chloroaniline
Concen: 12.90 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

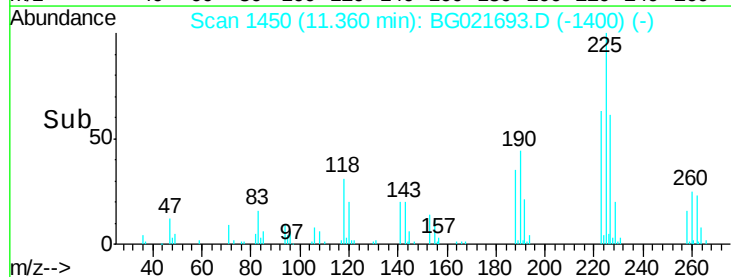
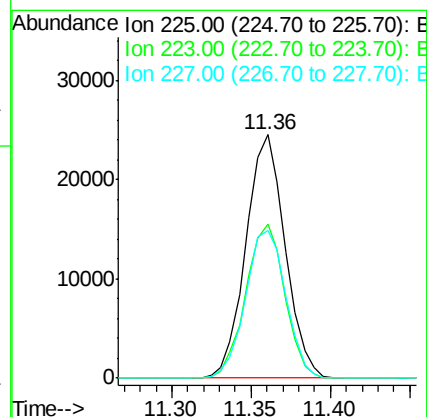
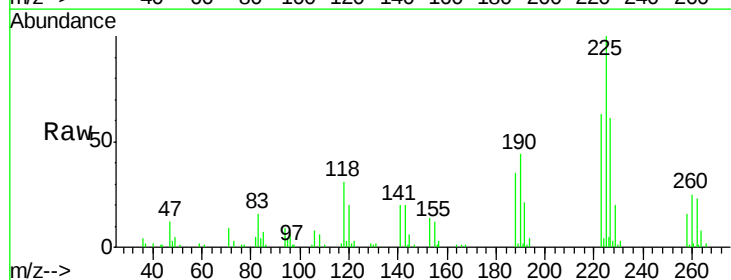
Instrument :
BNA_G
ClientSampleId :
PB89849BS

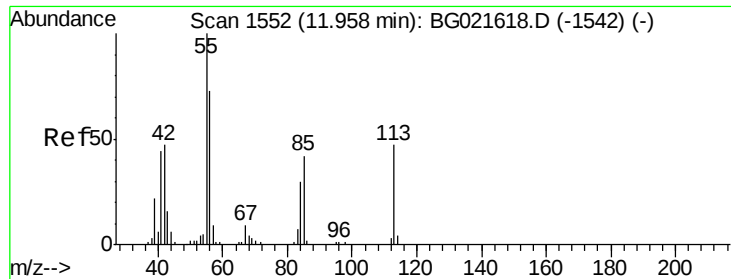
Tgt Ion:	127	Resp:	34837
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.6	39.8
65	34.9	27.5	41.3
92	20.6	14.7	22.1



#34
Hexachlorobutadiene
Concen: 33.85 ng
RT: 11.36 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:	225	Resp:	42154
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.7	79.1
227	60.5	49.7	74.5





#35

Caprolactam

Concen: 20.52 ng

RT: 11.95 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

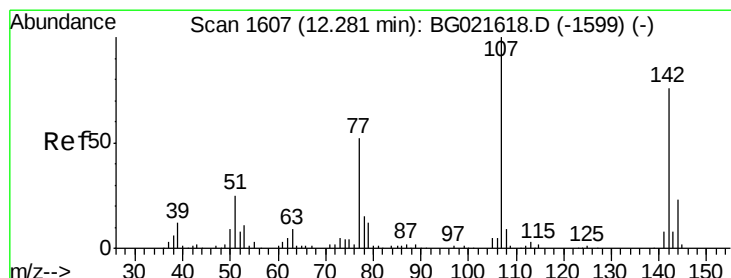
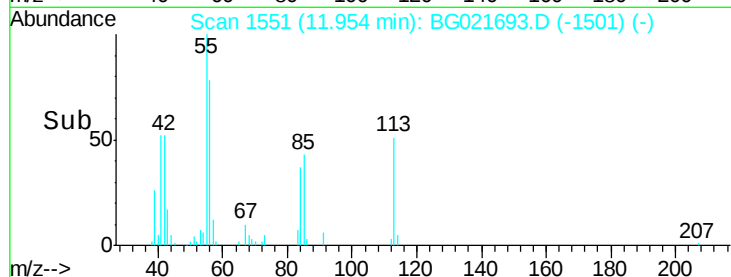
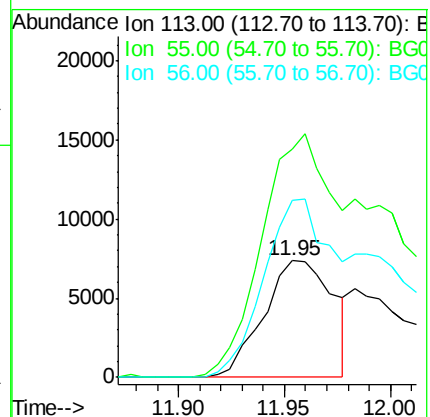
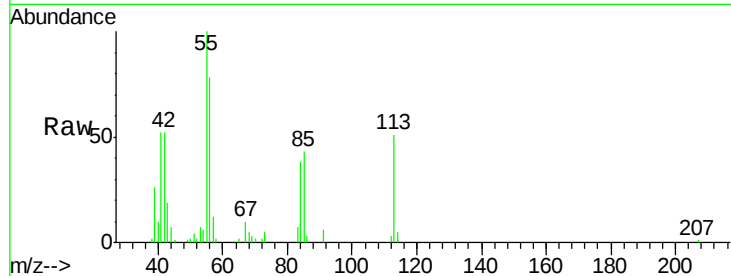
Tgt Ion:113 Resp: 16860

Ion Ratio Lower Upper

113 100

55 195.6 194.2 234.2

56 151.9 122.6 162.6



#36

4-Chloro-3-methylphenol

Concen: 35.44 ng

RT: 12.29 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

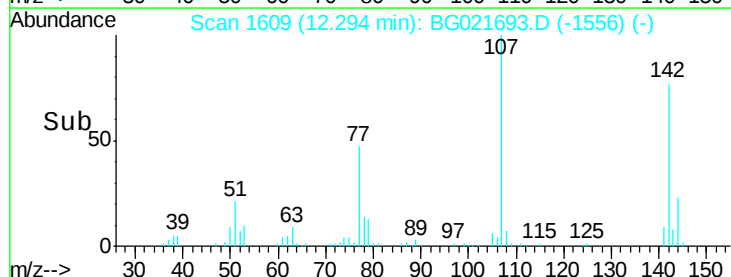
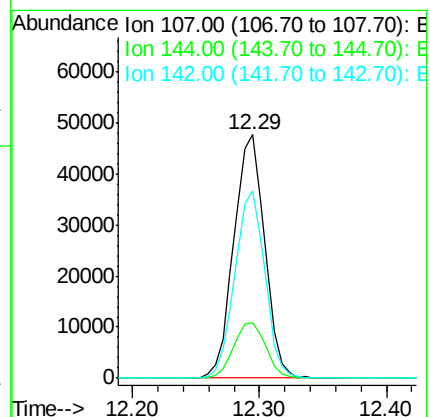
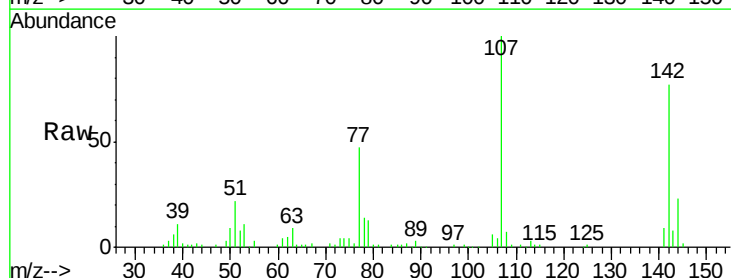
Tgt Ion:107 Resp: 80021

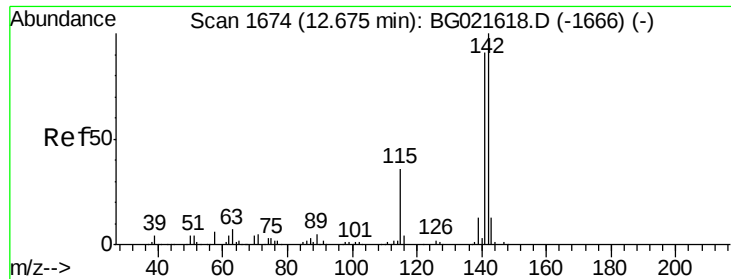
Ion Ratio Lower Upper

107 100

144 23.0 19.2 28.8

142 76.9 59.1 88.7

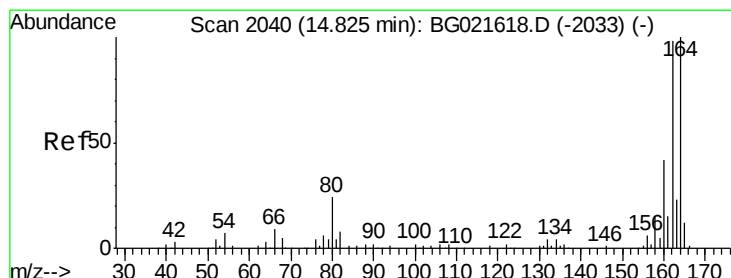
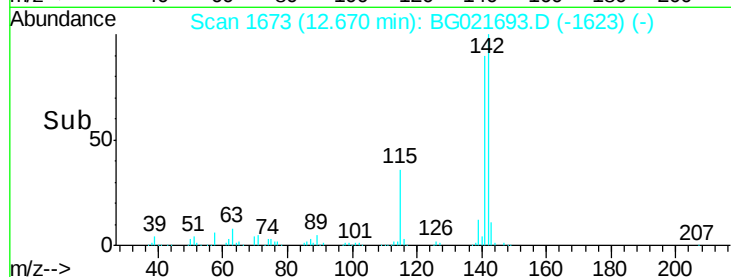
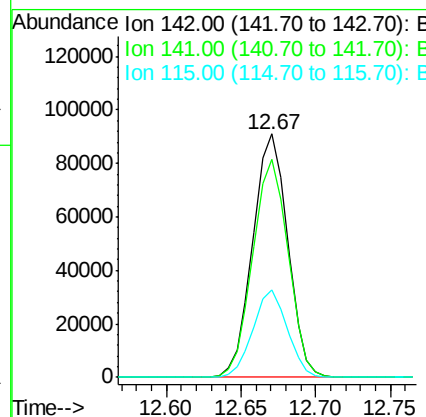
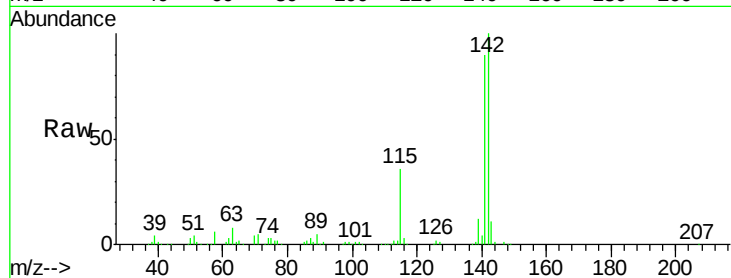




#37
2-Methylnaphthalene
Concen: 34.44 ng
RT: 12.67 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

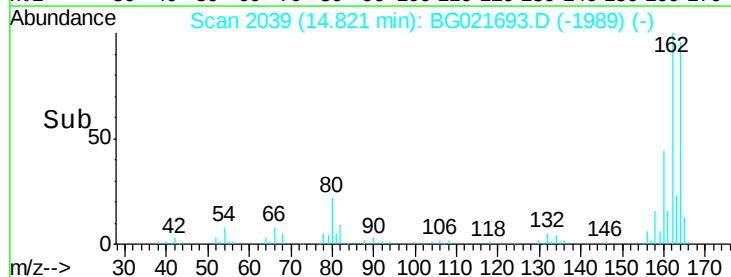
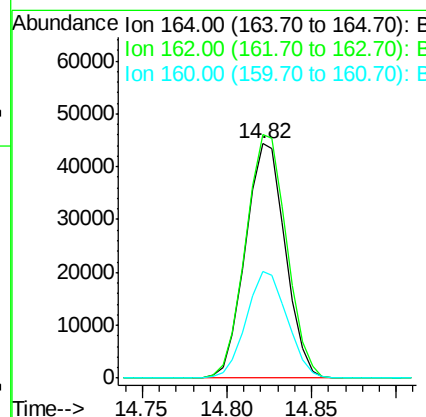
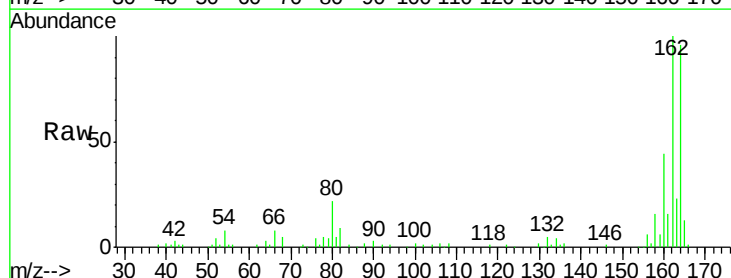
Instrument :
BNA_G
ClientSampleId :
PB89849BS

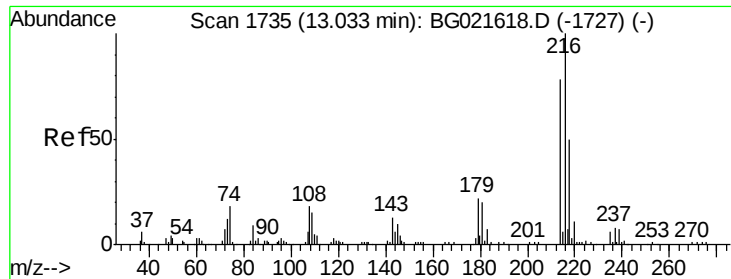
Tgt Ion:142 Resp: 147497
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0
115 35.8 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:164 Resp: 72553
Ion Ratio Lower Upper
164 100
162 104.0 78.0 117.0
160 45.5 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.74 ng

RT: 13.03 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

Tgt Ion:216 Resp: 74230

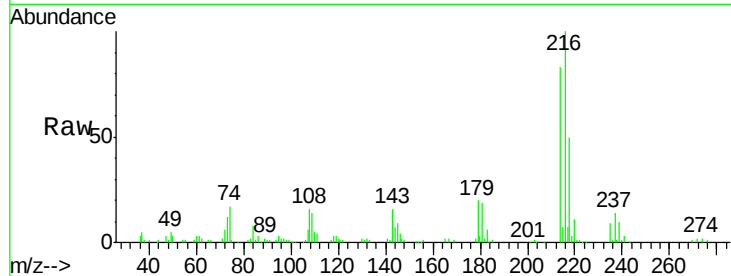
Ion Ratio Lower Upper

216 100

214 80.4 62.2 93.2

179 20.6 16.7 25.1

108 19.9 14.0 21.0

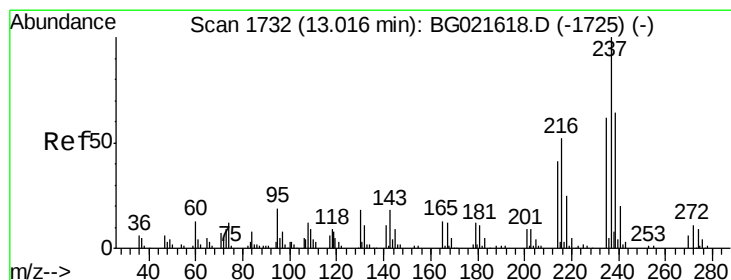
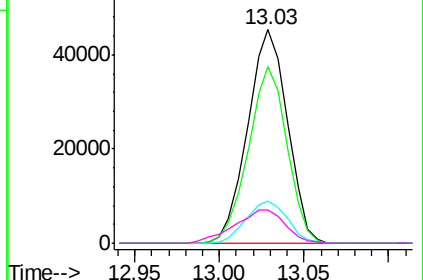
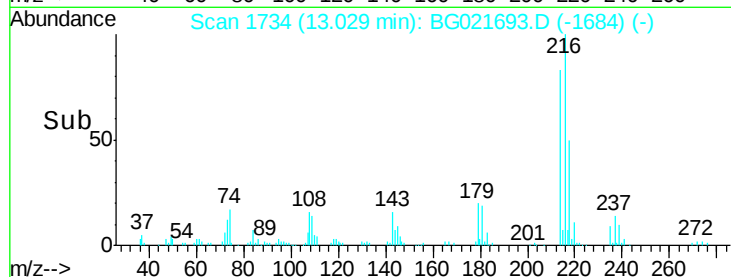


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.20 ng

RT: 13.01 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

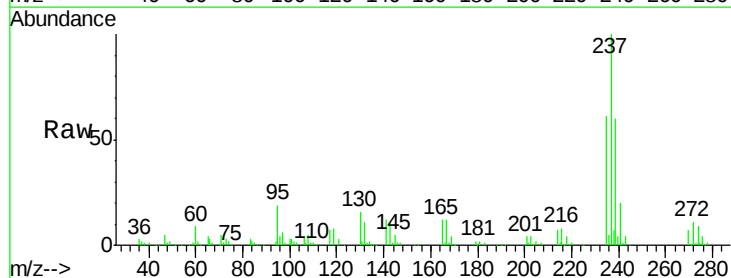
Tgt Ion:237 Resp: 102272

Ion Ratio Lower Upper

237 100

235 60.8 43.2 83.2

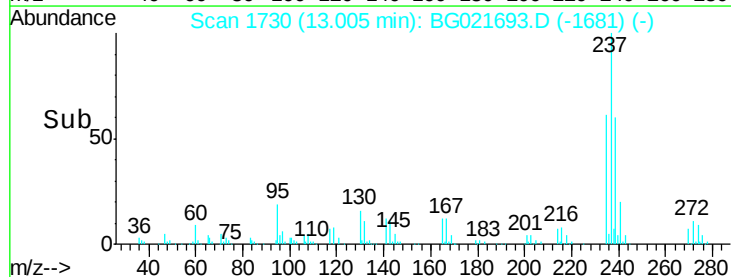
272 11.3 0.0 33.4



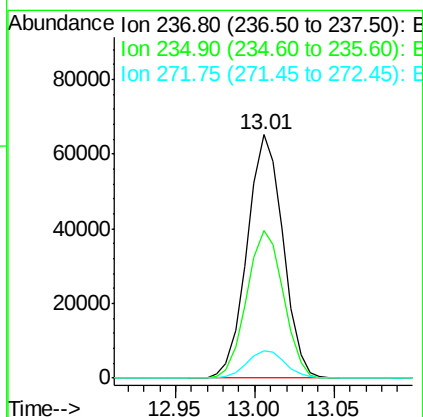
Abundance Ion 236.80 (236.50 to 237.50): E

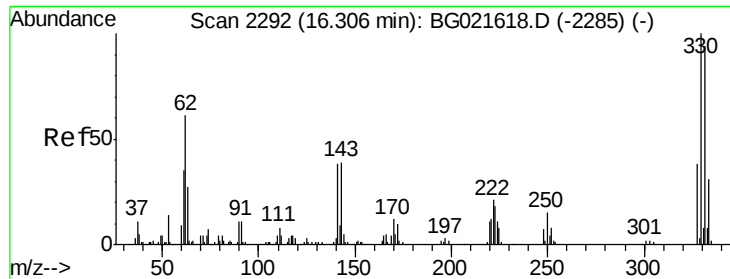
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

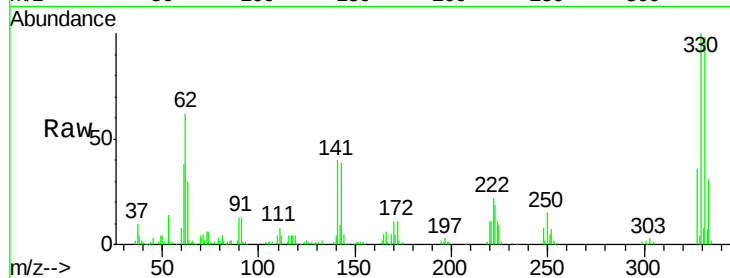




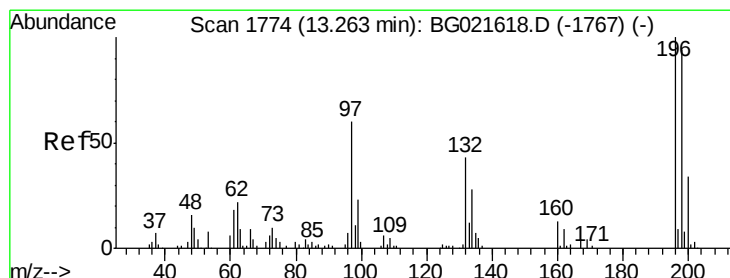
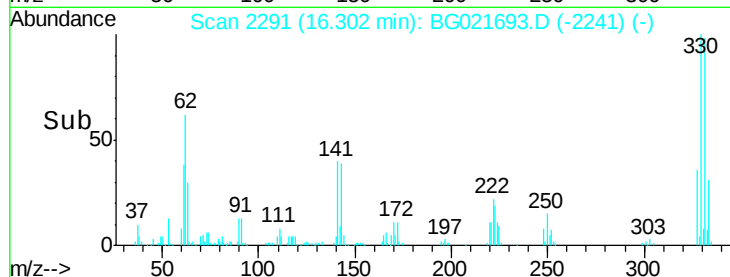
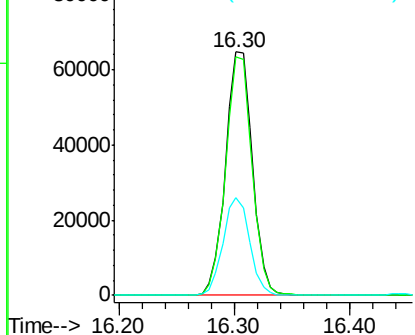
#41
 2,4,6-Tribromophenol
 Concen: 133.35 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tgt Ion:330 Resp: 104275
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.0 117.0
 141 39.7 33.8 50.8

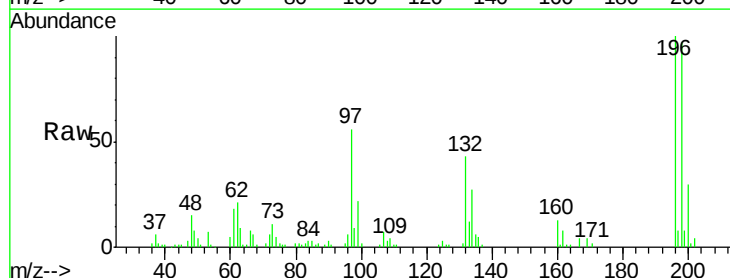


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

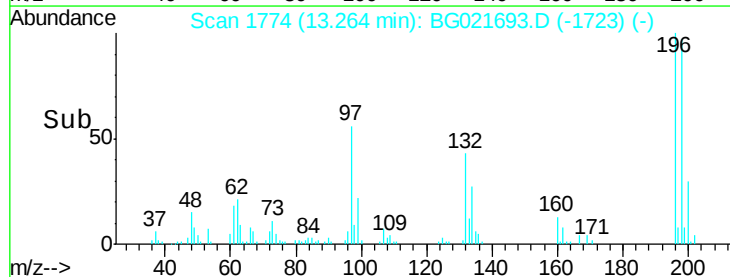
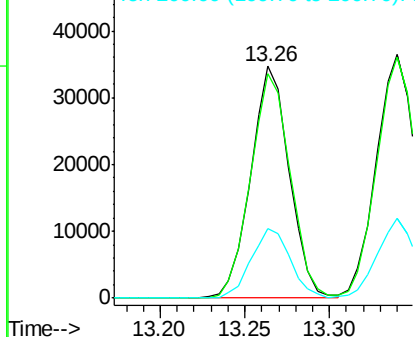


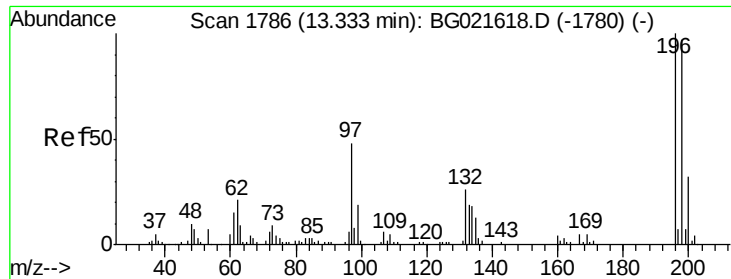
#42
 2,4,6-Trichlorophenol
 Concen: 38.14 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:196 Resp: 55146
 Ion Ratio Lower Upper
 196 100
 198 96.9 80.1 120.1
 200 30.1 24.1 36.1



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

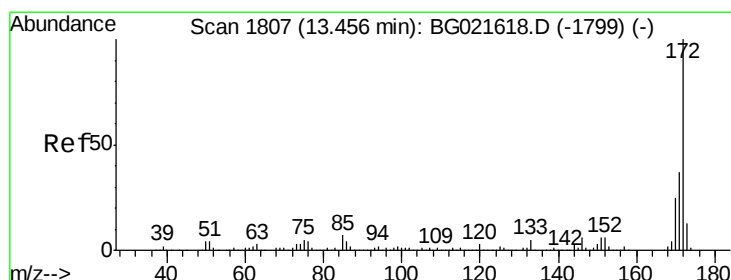
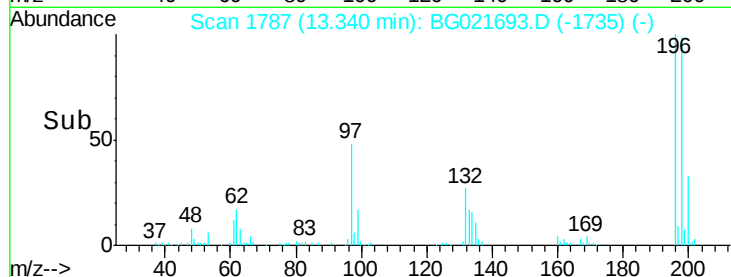
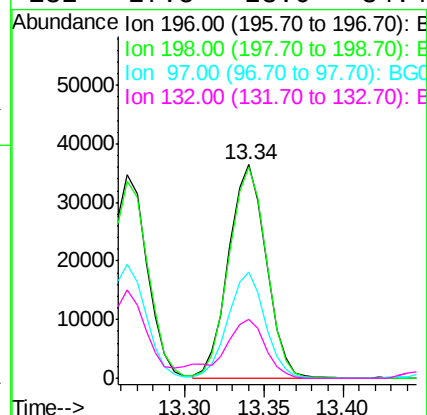
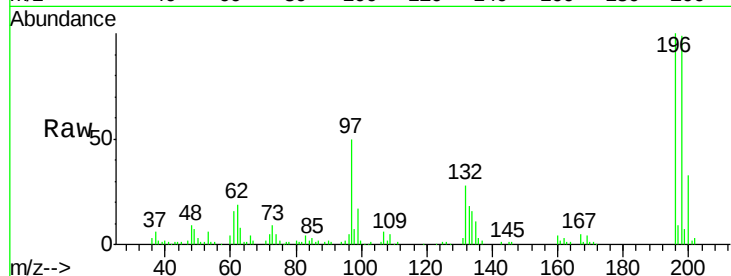




#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

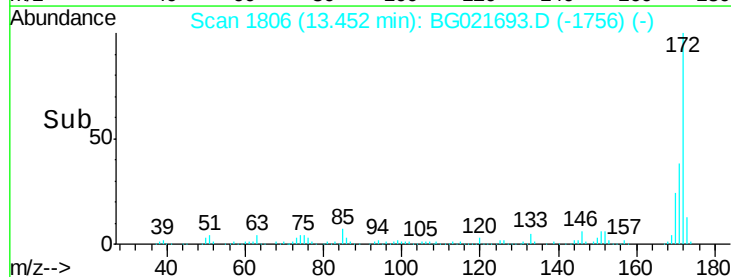
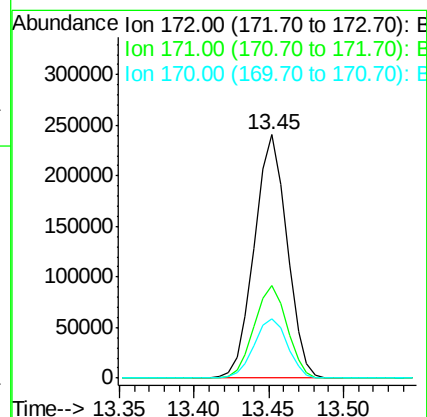
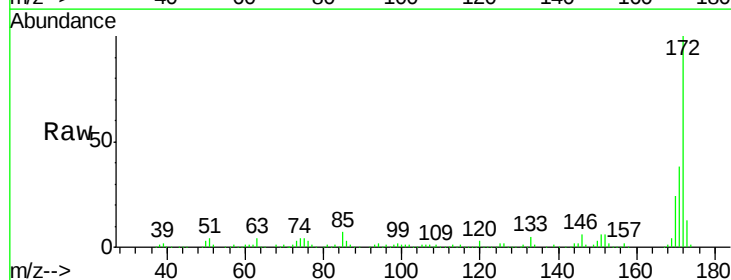
Instrument :
 BNA_G
 ClientSampled :
 PB89849BS

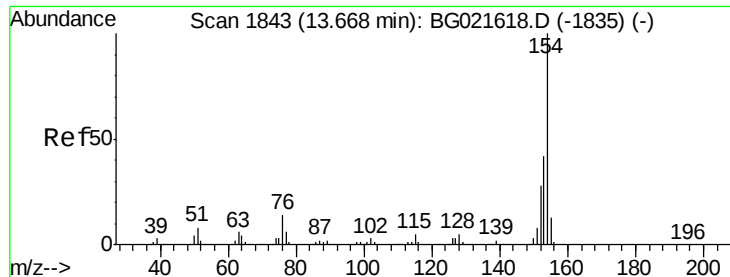
Tgt Ion:	196	Resp:	59919
Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.0	117.0
97	49.6	43.0	64.6
132	27.5	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 73.54 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:	172	Resp:	364181
Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	24.2	19.6	29.4

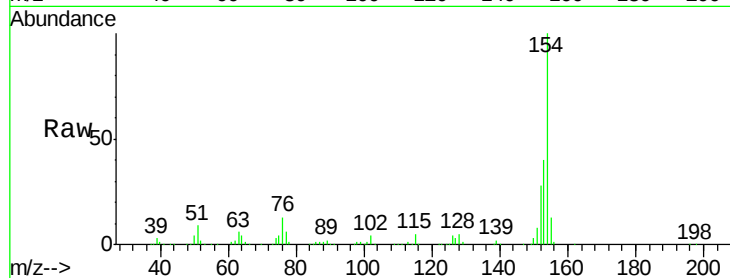




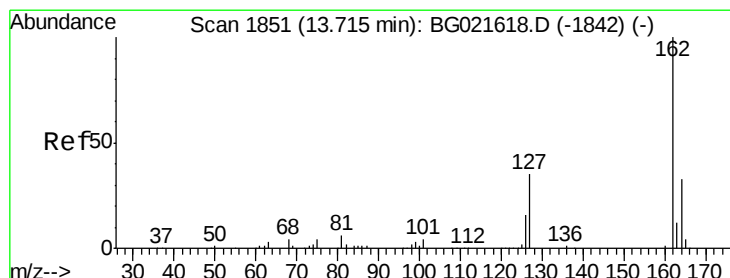
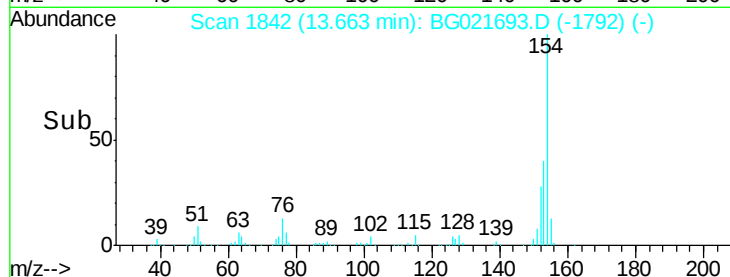
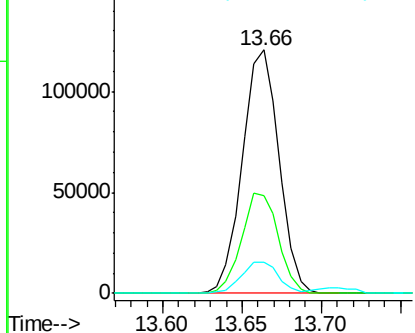
#45
 1,1'-Biphenyl
 Concen: 31.63 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tgt Ion:154 Resp: 193334
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.7 59.7
 76 13.0 0.0 33.0

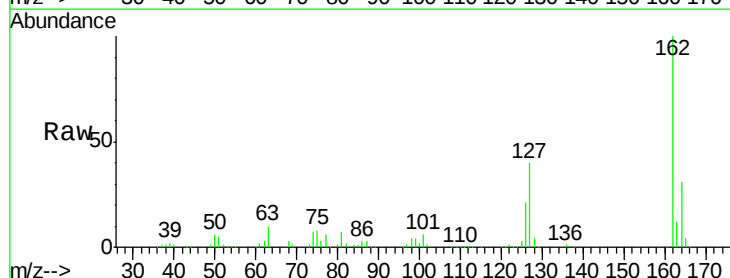


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

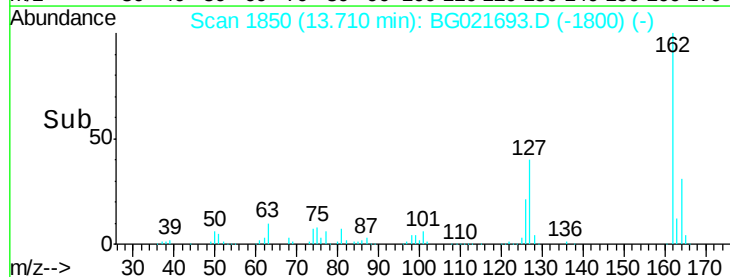
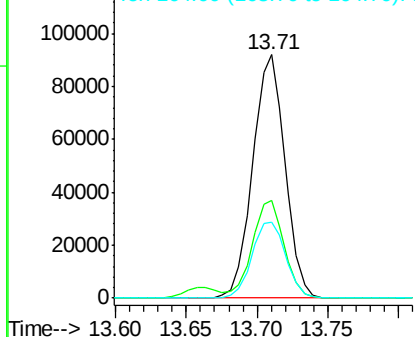


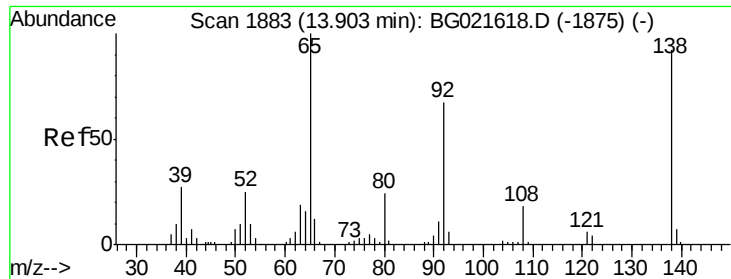
#46
 2-Chloronaphthalene
 Concen: 32.66 ng
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:162 Resp: 147590
 Ion Ratio Lower Upper
 162 100
 127 39.9 32.0 48.0
 164 31.3 27.0 40.4



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

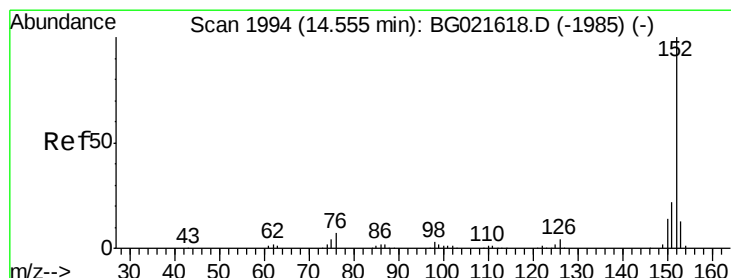
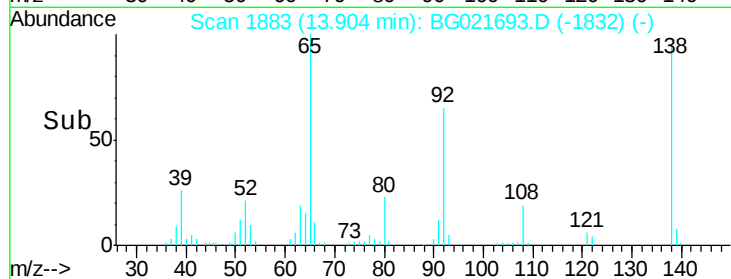
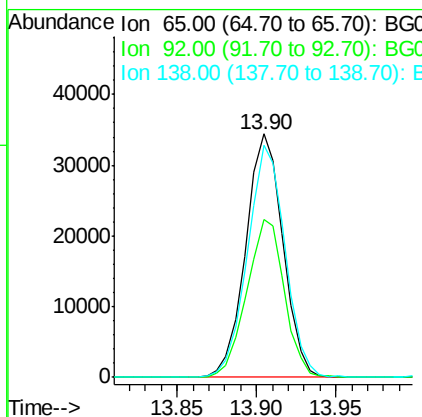
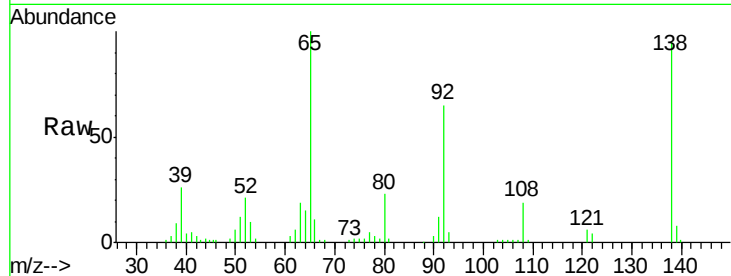




#47
2-Nitroaniline
Concen: 36.17 ng
RT: 13.90 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

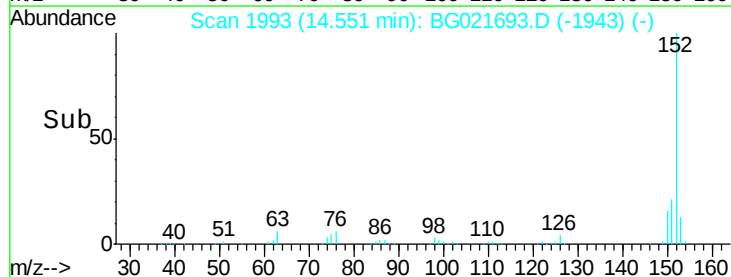
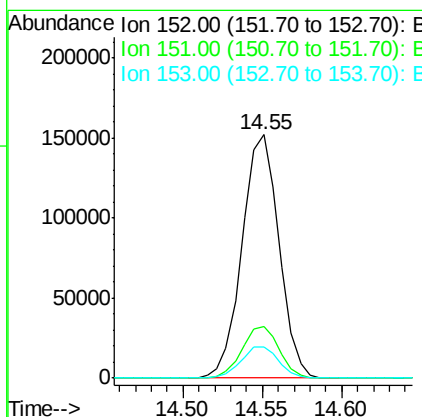
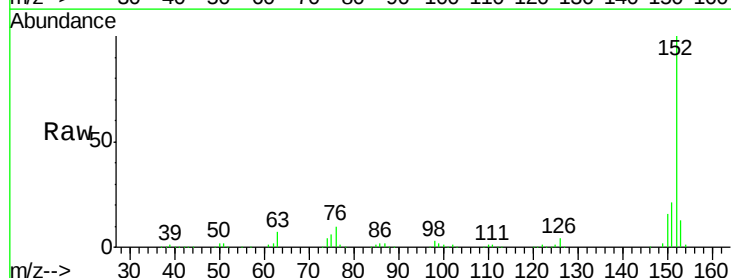
Instrument :
BNA_G
ClientSampleId :
PB89849BS

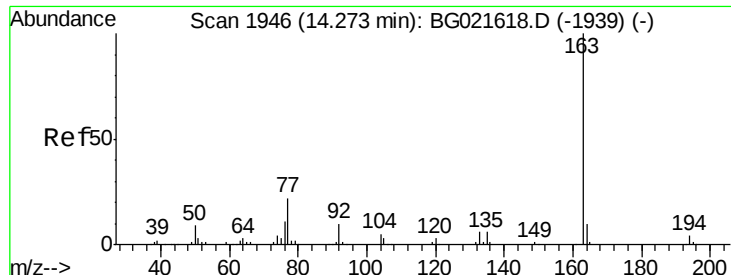
Tgt Ion: 65 Resp: 56044
Ion Ratio Lower Upper
65 100
92 64.6 49.2 73.8
138 95.2 75.0 112.6



#48
Acenaphthylene
Concen: 32.89 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion: 152 Resp: 245740
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8
153 13.0 10.2 15.2





#49

Dimethylphthalate

Concen: 33.28 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

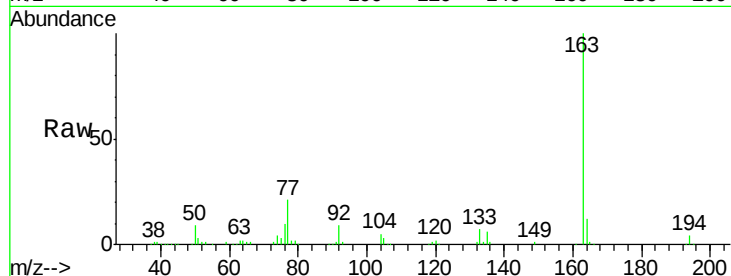
Tgt Ion:163 Resp: 208756

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

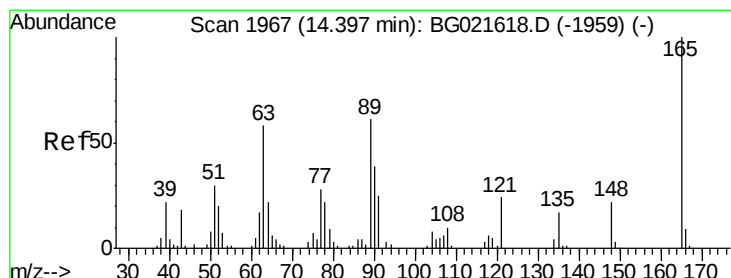
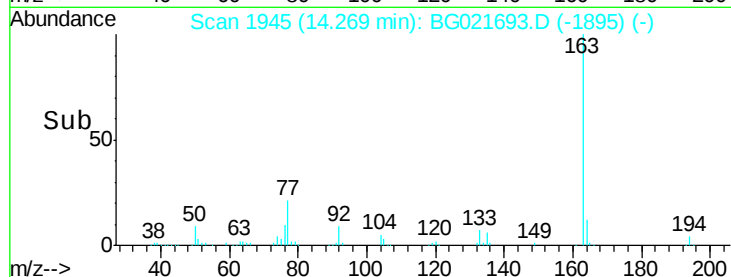
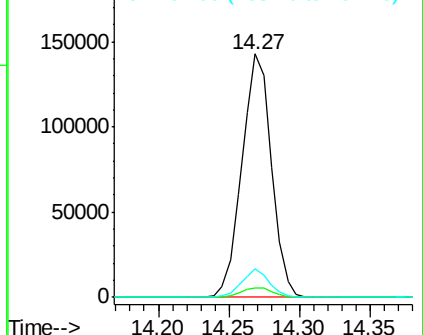
164 11.5 8.1 12.1



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: 37.33 ng

RT: 14.39 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

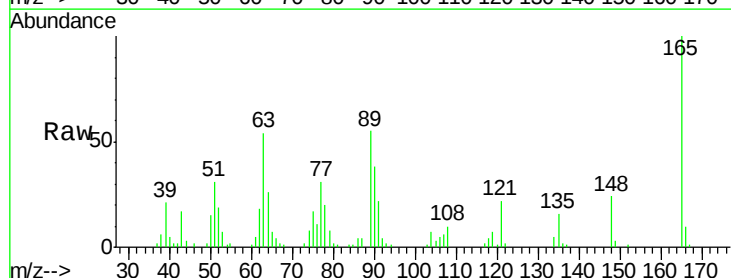
Tgt Ion:165 Resp: 44649

Ion Ratio Lower Upper

165 100

63 54.3 48.2 72.4

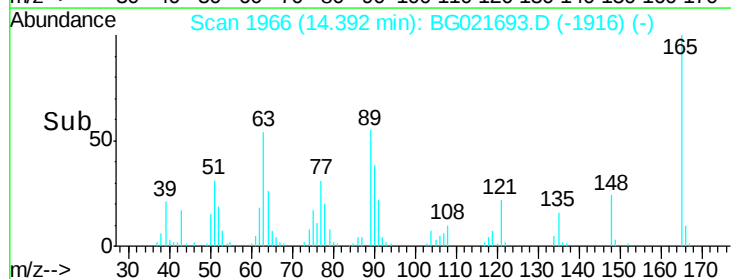
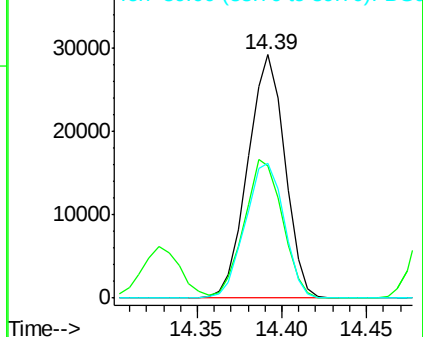
89 55.5 45.3 67.9

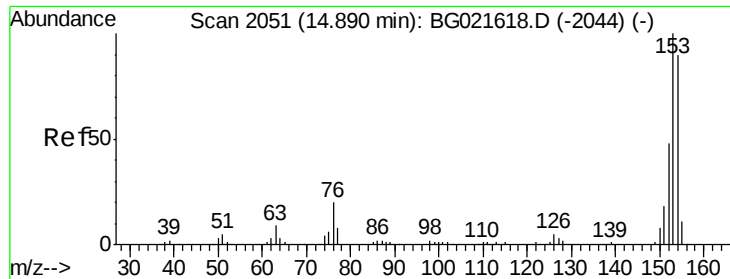


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.30 ng

RT: 14.89 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

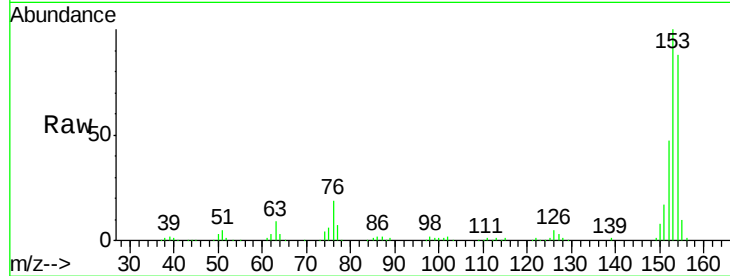
Tgt Ion:154 Resp: 173404

Ion Ratio Lower Upper

154 100

153 113.3 91.9 137.9

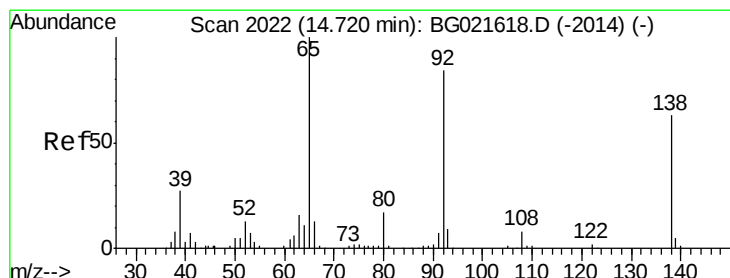
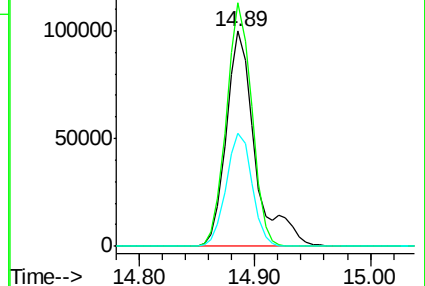
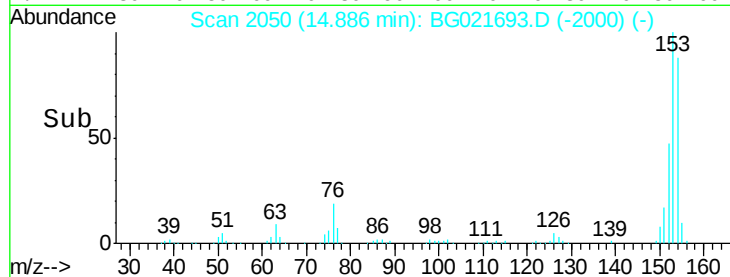
152 52.9 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.89 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

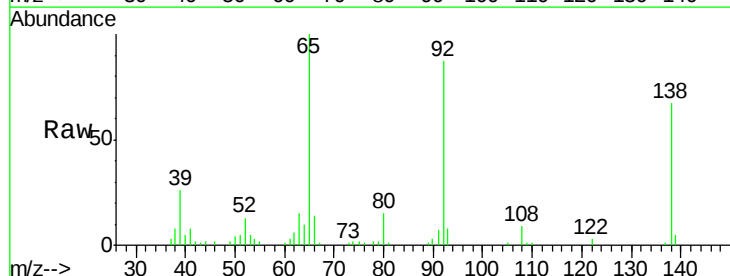
Tgt Ion:138 Resp: 23734

Ion Ratio Lower Upper

138 100

108 13.0 9.1 13.7

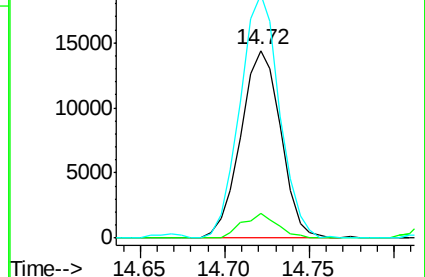
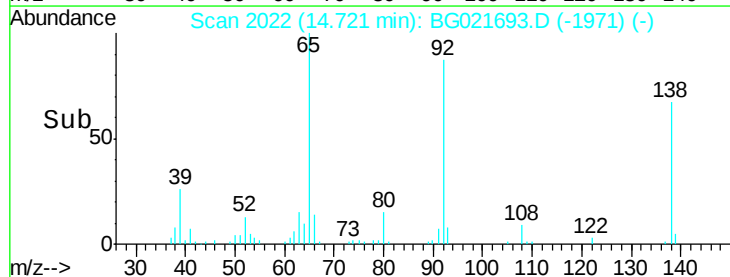
92 130.0 102.6 154.0

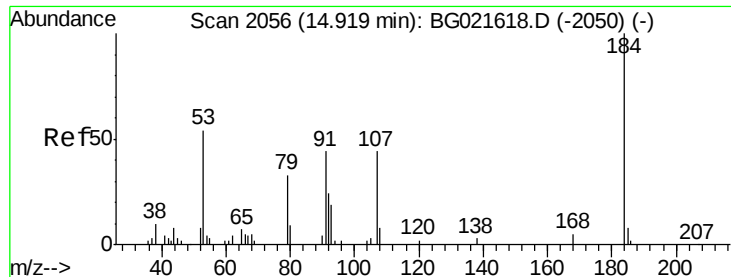


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

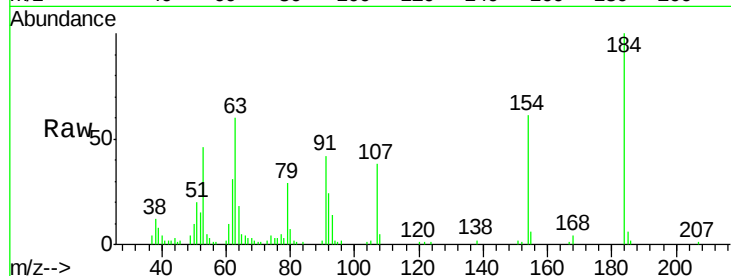




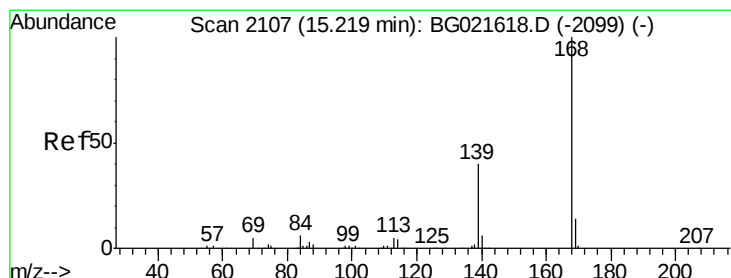
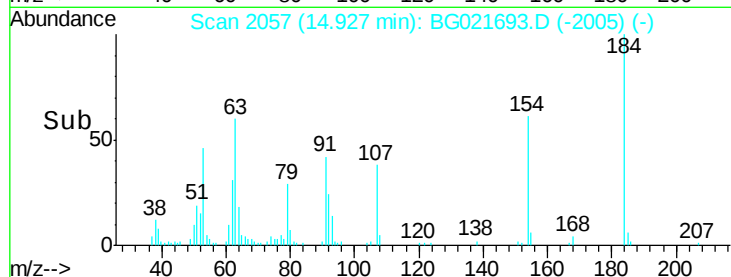
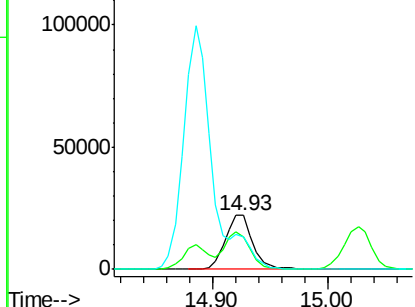
#53
2,4-Dinitrophenol
Concen: 79.00 ng
RT: 14.93 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampled :
PB89849BS

Tgt Ion:184 Resp: 36304
Ion Ratio Lower Upper
184 100
63 60.0 57.3 85.9
154 60.6 55.2 82.8

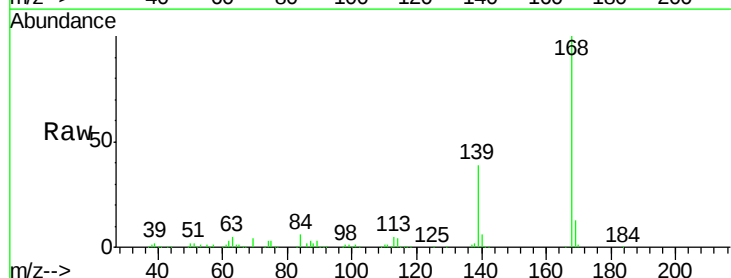


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

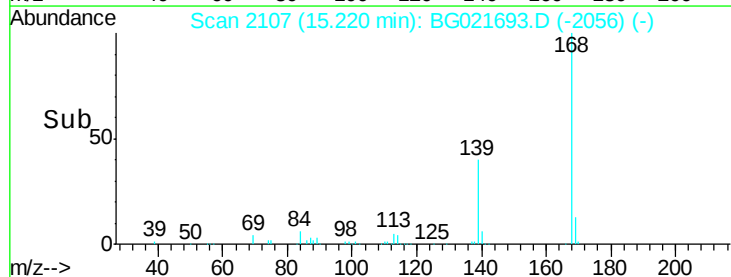
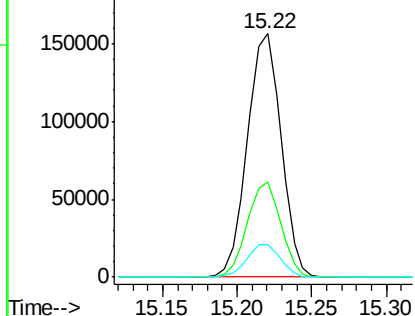


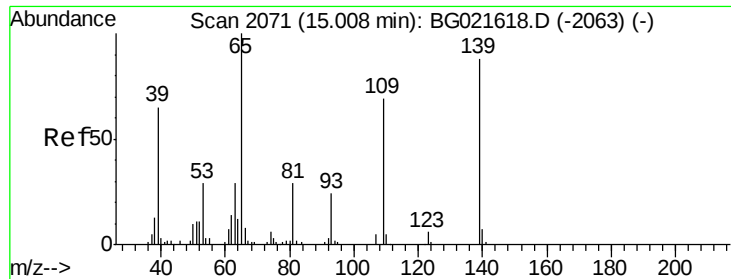
#54
Dibenzofuran
Concen: 37.37 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:168 Resp: 243722
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 13.3 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

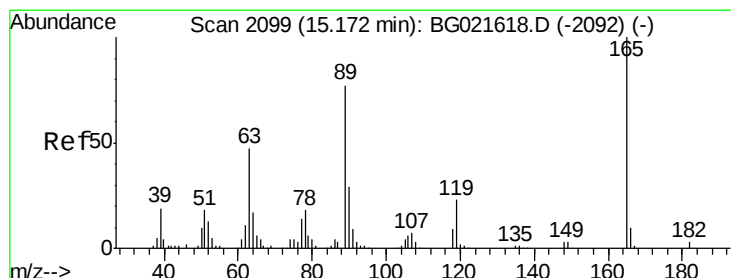
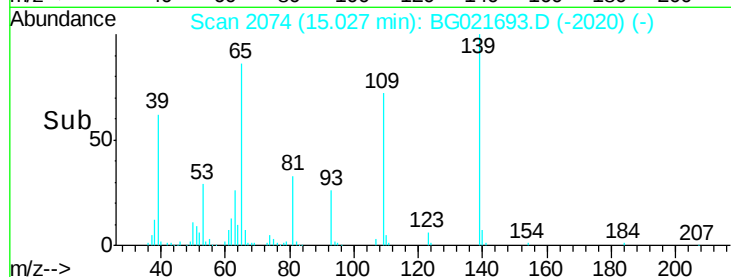
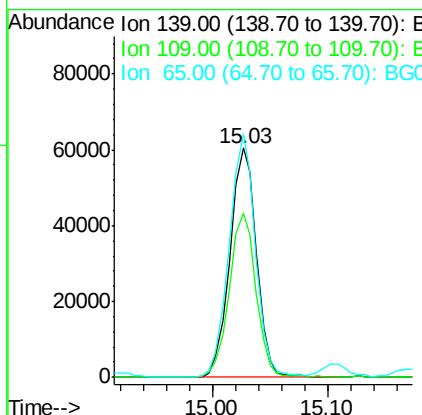
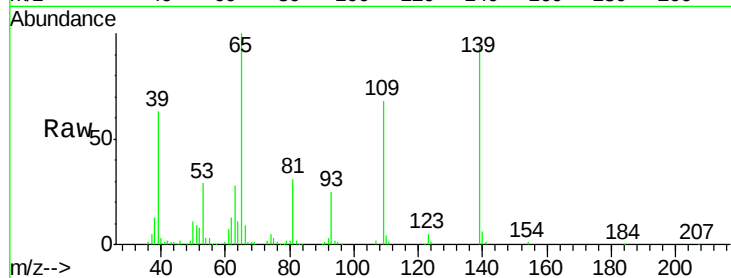




#55
4-Nitrophenol
Concen: 84.58 ng
RT: 15.03 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

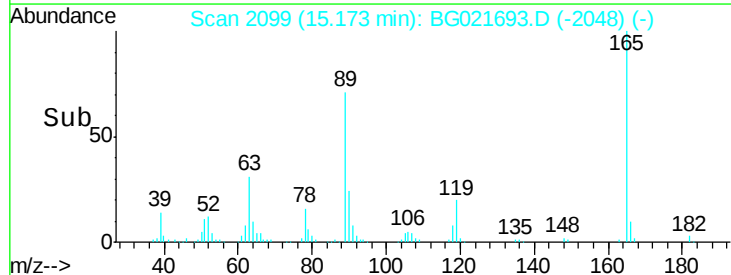
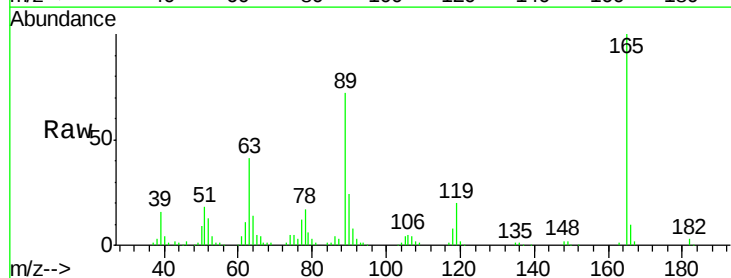
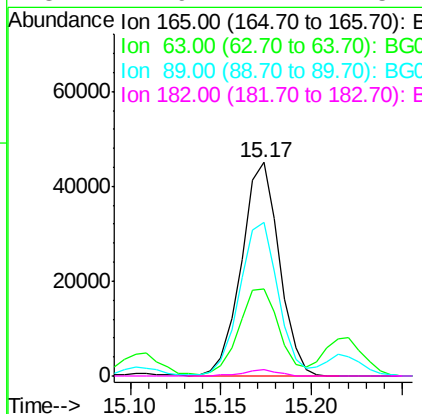
Instrument :
BNA_G
ClientSampleId :
PB89849BS

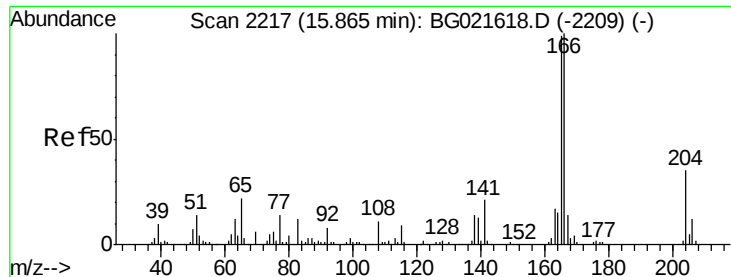
Tgt Ion:139 Resp: 96067
Ion Ratio Lower Upper
139 100
109 71.9 49.2 89.2
65 106.2 83.2 123.2



#56
2,4-Dinitrotoluene
Concen: 40.33 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:165 Resp: 65205
Ion Ratio Lower Upper
165 100
63 40.9 37.4 56.0
89 71.7 59.4 89.0
182 2.9 2.1 3.1





#57

Fluorene

Concen: 34.51 ng

RT: 15.87 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

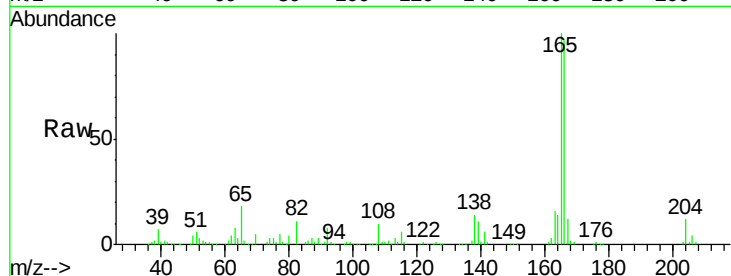
Tgt Ion:166 Resp: 201035

Ion Ratio Lower Upper

166 100

165 103.1 79.0 118.4

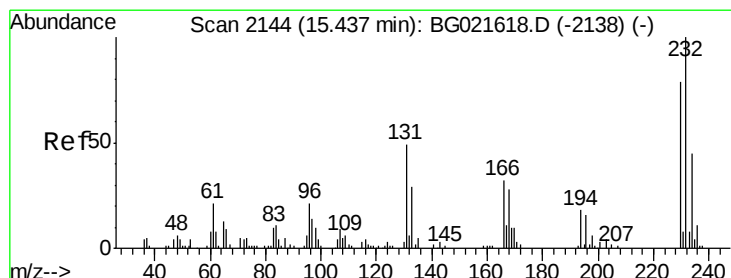
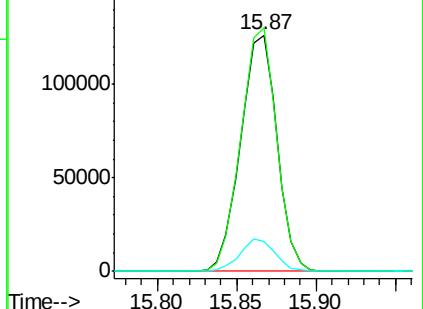
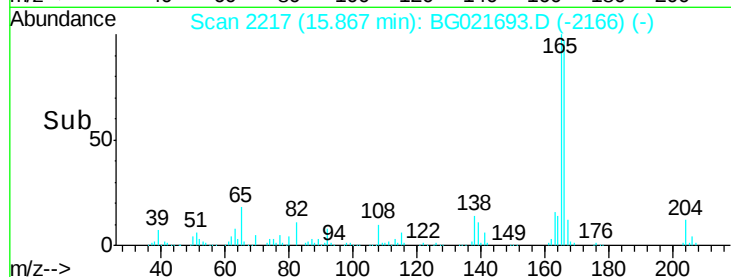
167 12.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.10 ng

RT: 15.44 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:232 Resp: 57091

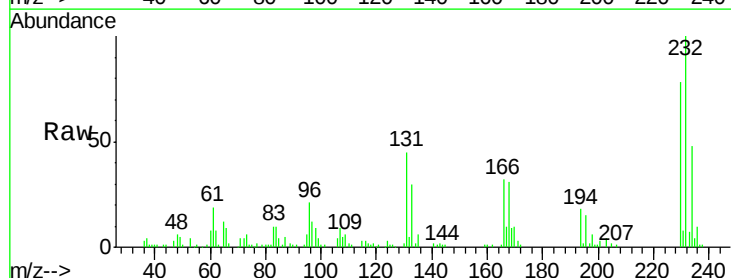
Ion Ratio Lower Upper

232 100

131 45.2 36.3 54.5

130 2.2 1.9 2.9

166 30.5 25.0 37.4

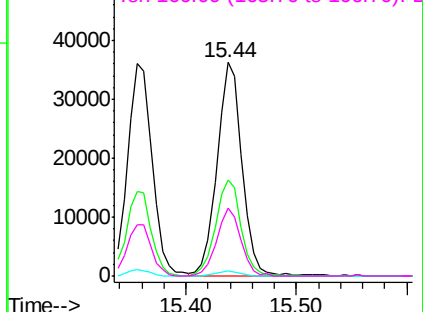
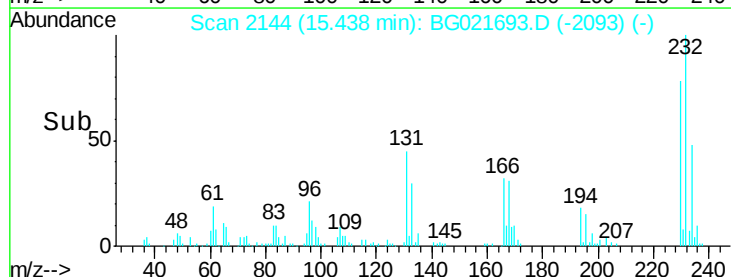


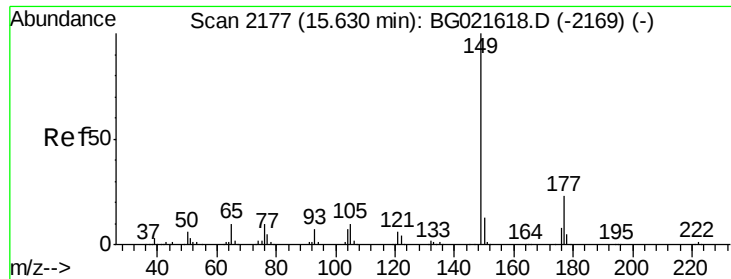
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

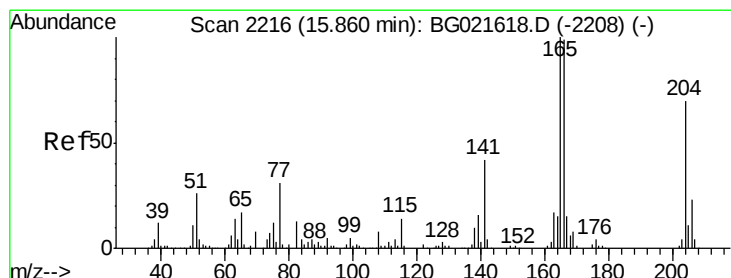
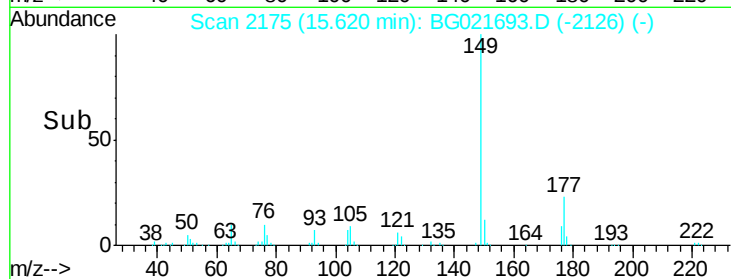
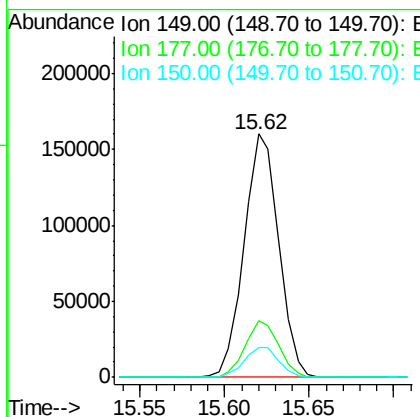
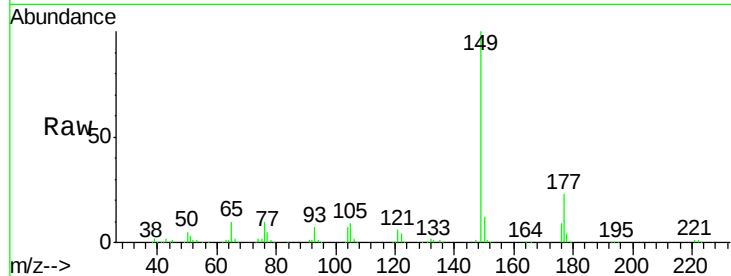




#59
Diethylphthalate
Concen: 34.91 ng
RT: 15.62 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

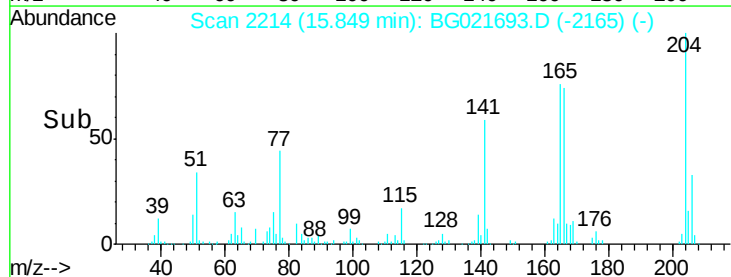
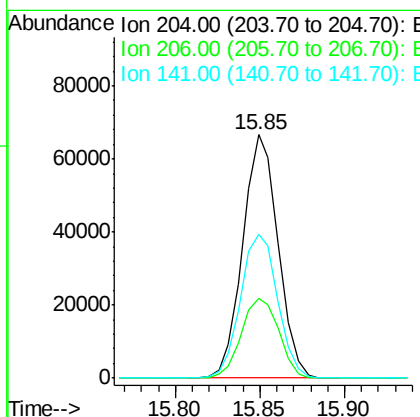
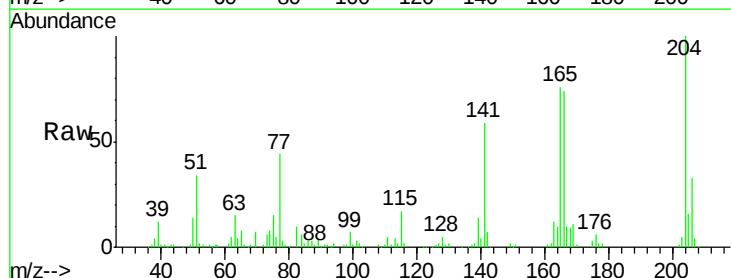
Instrument :
BNA_G
ClientSampleId :
PB89849BS

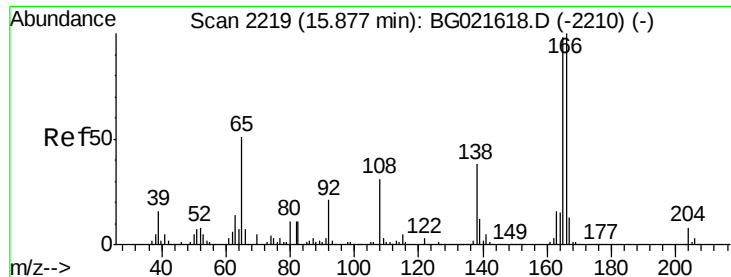
Tgt Ion:149 Resp: 228601
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 12.5 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 33.78 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:204 Resp: 96922
Ion Ratio Lower Upper
204 100
206 32.8 27.8 41.8
141 59.0 51.0 76.4

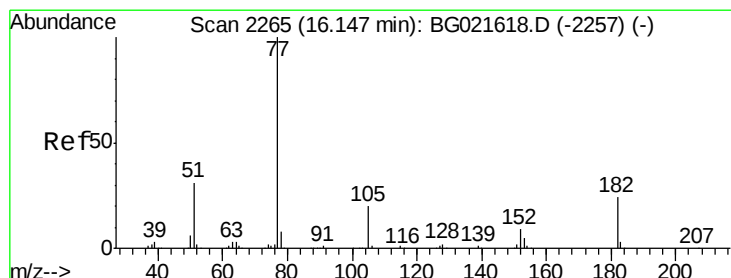
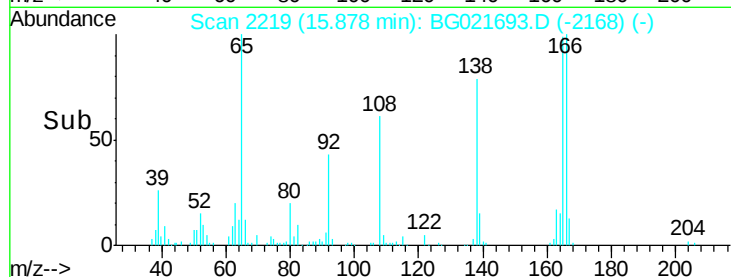
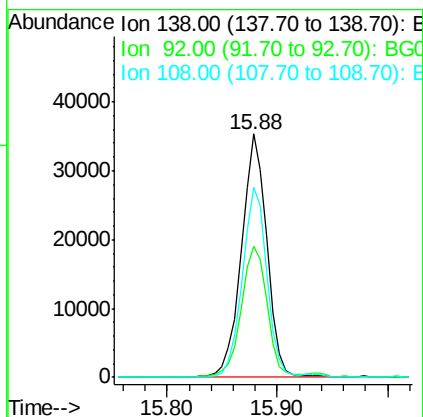
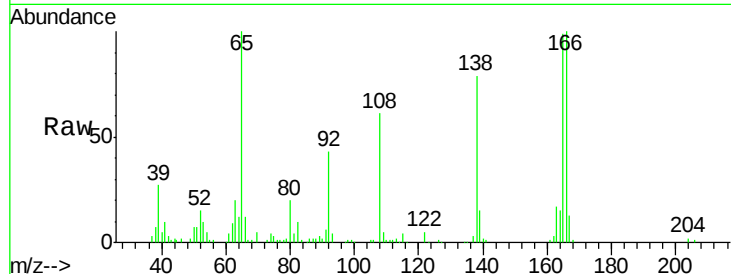




#61
4-Nitroaniline
Concen: 39.22 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

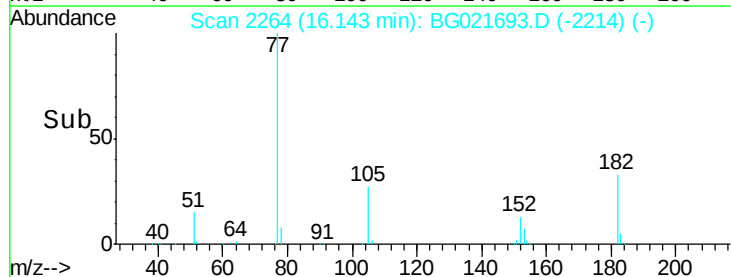
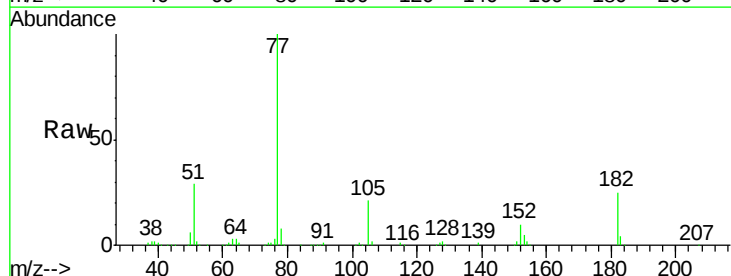
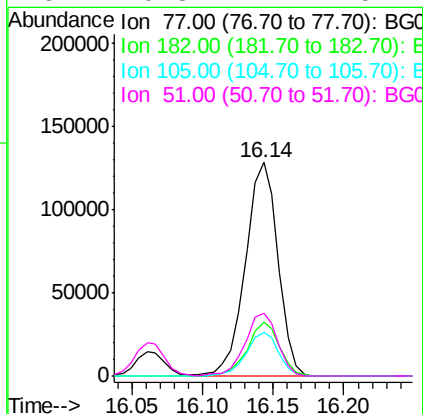
Instrument :
BNA_G
ClientSampleId :
PB89849BS

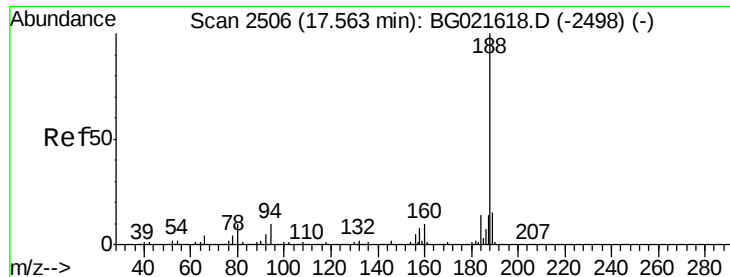
Tgt Ion:138 Resp: 57255
Ion Ratio Lower Upper
138 100
92 53.9 37.7 77.7
108 77.7 59.4 99.4



#62
Azobenzene
Concen: 36.92 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion: 77 Resp: 207193
Ion Ratio Lower Upper
77 100
182 25.2 4.1 44.1
105 20.7 0.0 39.8
51 29.3 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

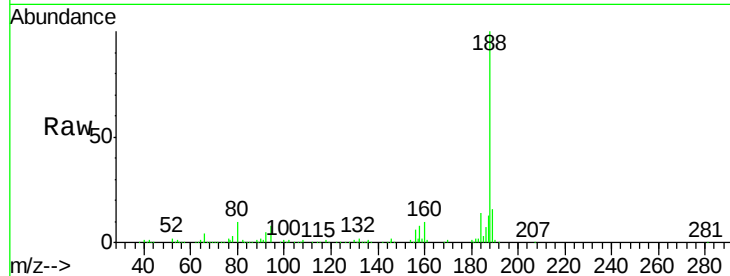
Tgt Ion:188 Resp: 186086

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

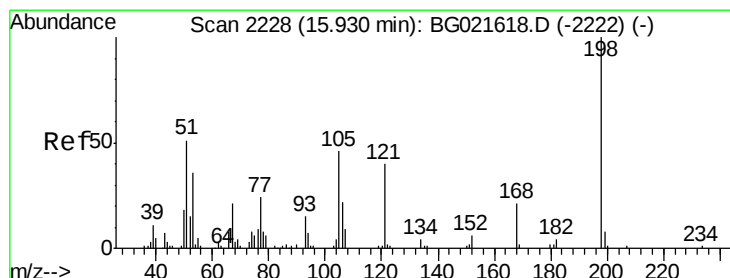
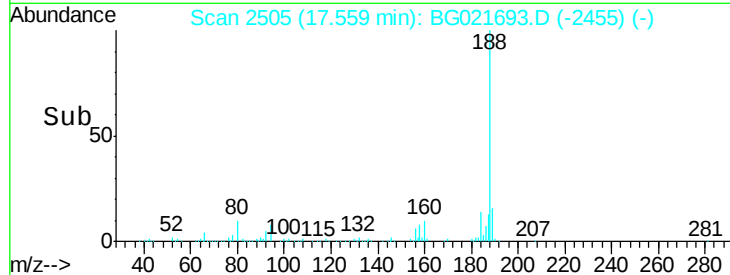
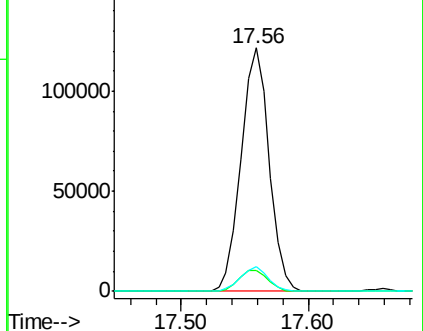
80 10.0 8.6 13.0



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: 38.31 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

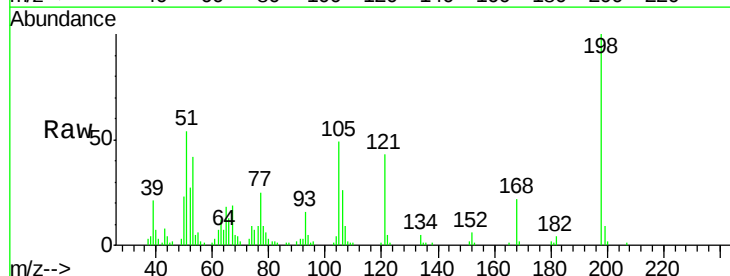
Tgt Ion:198 Resp: 28741

Ion Ratio Lower Upper

198 100

51 53.8 29.2 69.2

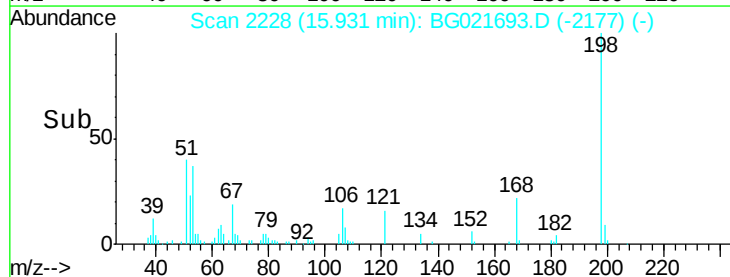
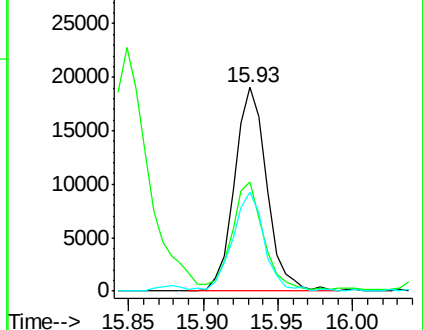
105 48.6 24.0 64.0

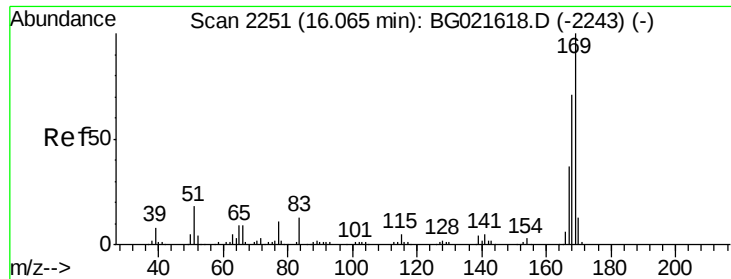


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

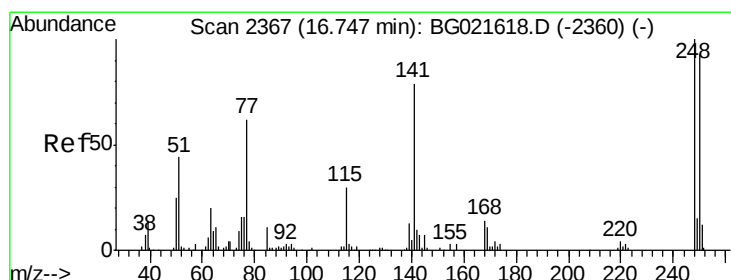
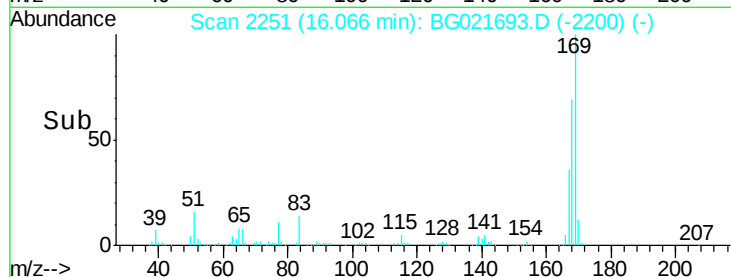
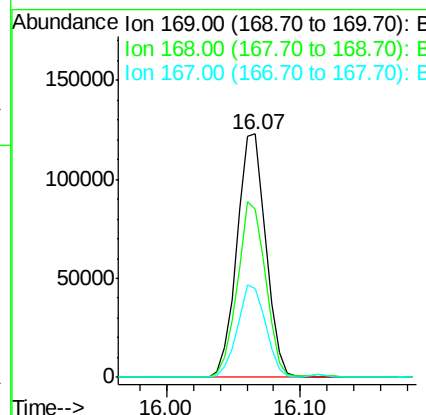
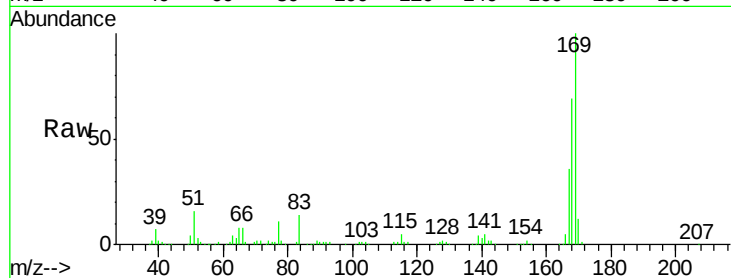




#65
n-Nitrosodiphenylamine
Concen: 33.16 ng
RT: 16.07 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

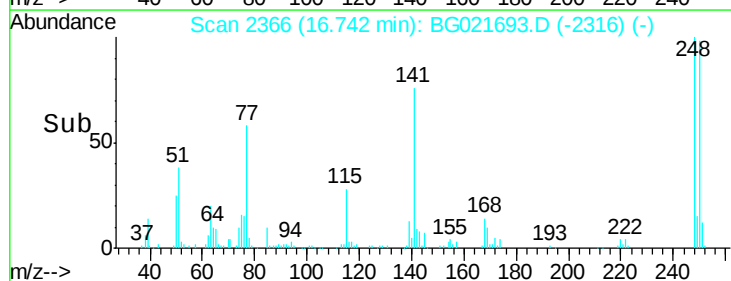
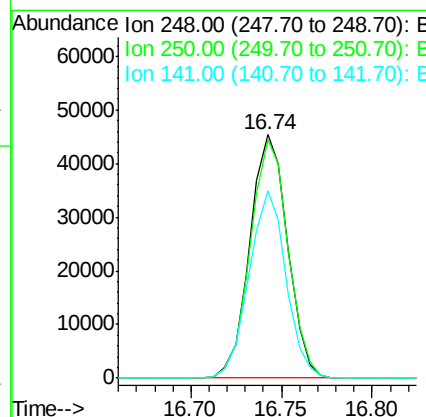
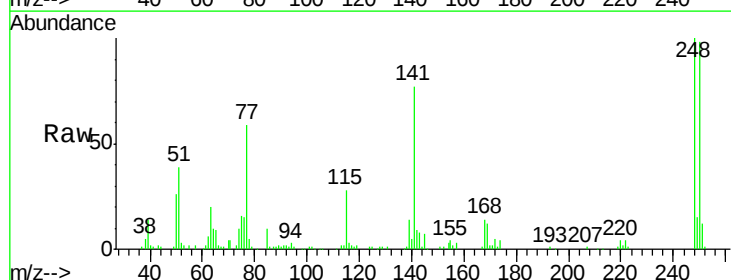
Instrument :
BNA_G
ClientSampleId :
PB89849BS

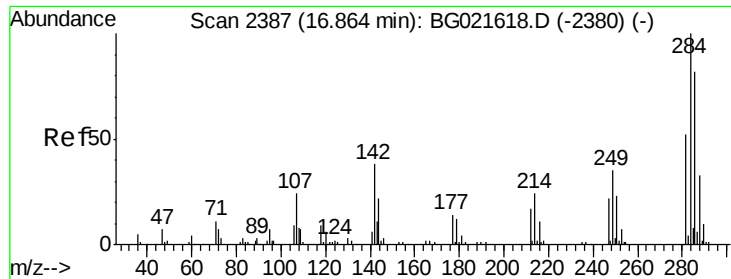
Tgt Ion:169 Resp: 185048
Ion Ratio Lower Upper
169 100
168 69.0 59.6 89.4
167 36.4 31.2 46.8



#66
4-Bromophenyl-phenylether
Concen: 32.72 ng
RT: 16.74 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:248 Resp: 65238
Ion Ratio Lower Upper
248 100
250 98.2 76.6 114.8
141 77.1 63.8 95.6





#67

Hexachlorobenzene

Concen: 32.50 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

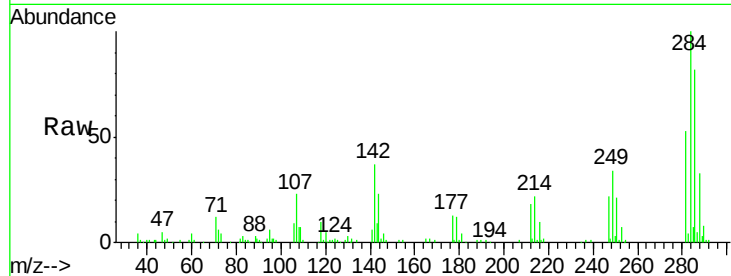
Tgt Ion:284 Resp: 68395

Ion Ratio Lower Upper

284 100

142 36.7 31.8 47.6

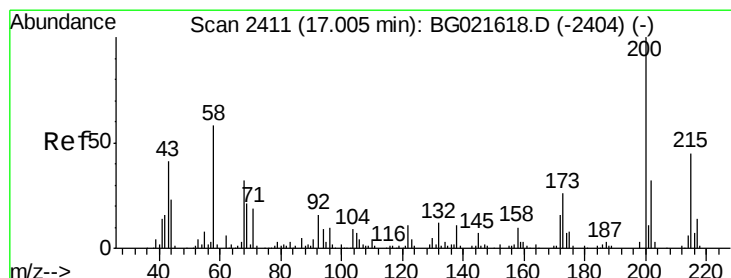
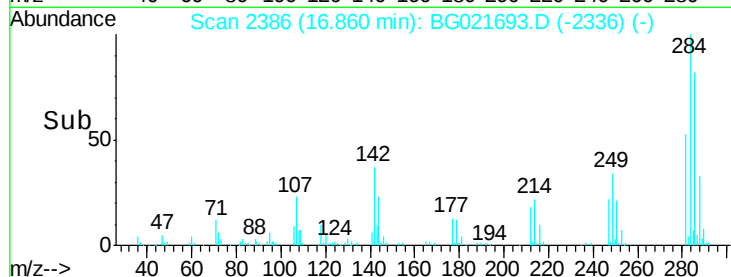
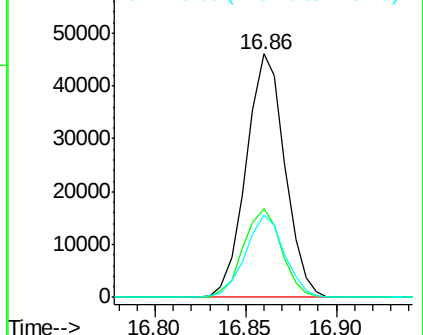
249 33.6 27.3 40.9



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: 37.56 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

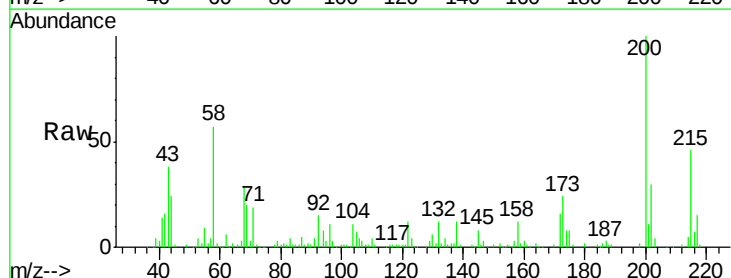
Tgt Ion:200 Resp: 82787

Ion Ratio Lower Upper

200 100

173 24.2 5.1 45.1

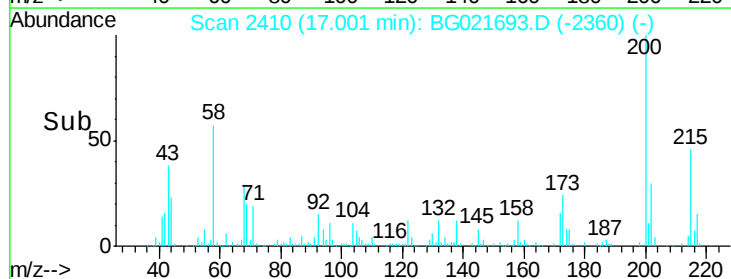
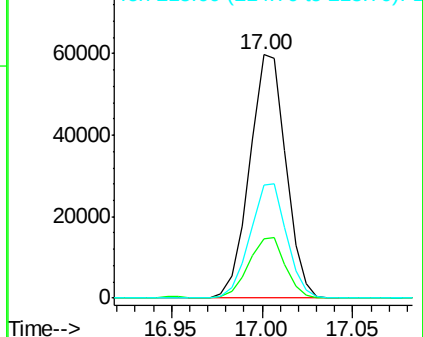
215 46.2 28.0 68.0

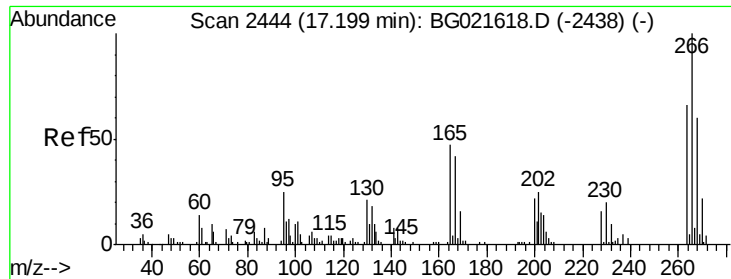


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

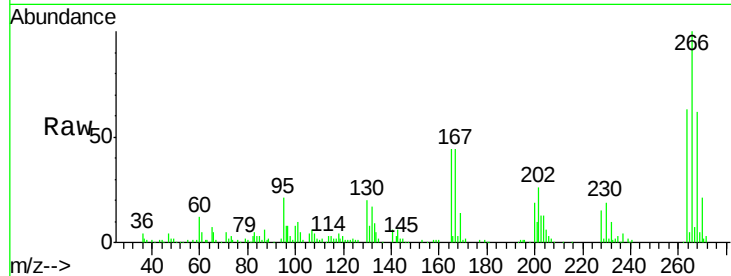




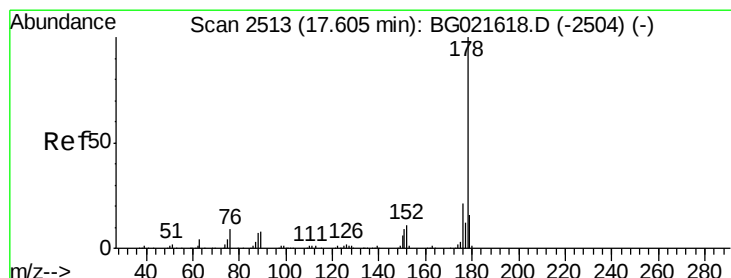
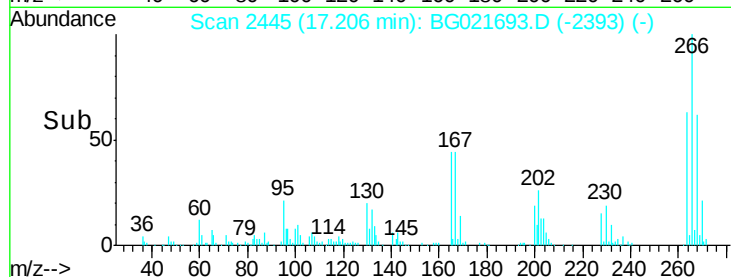
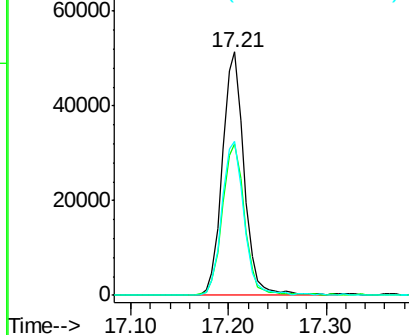
#69
 Pentachlorophenol
 Concen: 66.42 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tgt Ion:266 Resp: 79803
 Ion Ratio Lower Upper
 266 100
 268 62.1 54.5 81.7
 264 63.3 53.8 80.6

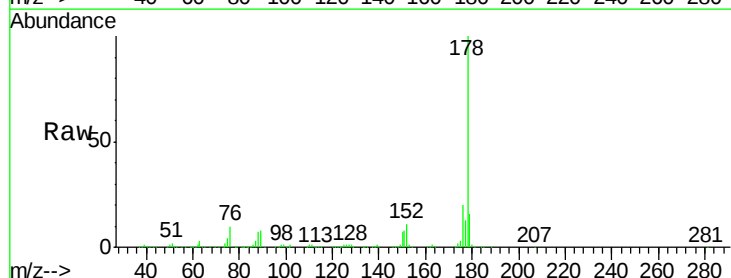


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

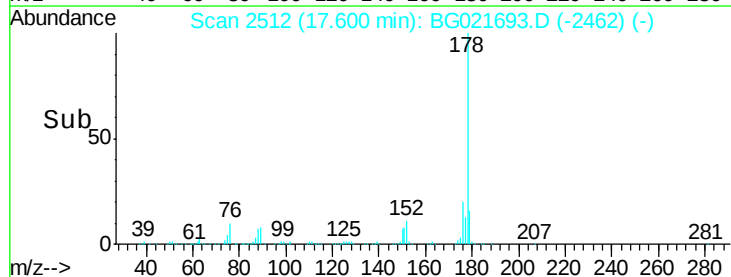
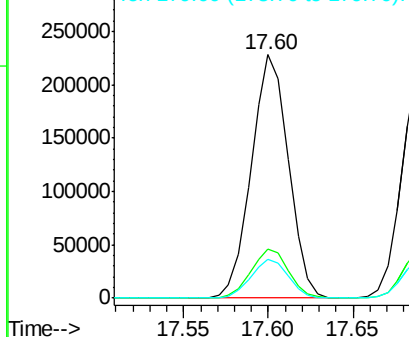


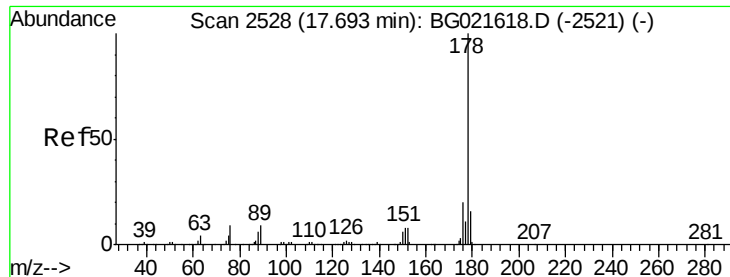
#70
 Phenanthrene
 Concen: 33.94 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:178 Resp: 348128
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.2 12.0 18.0



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

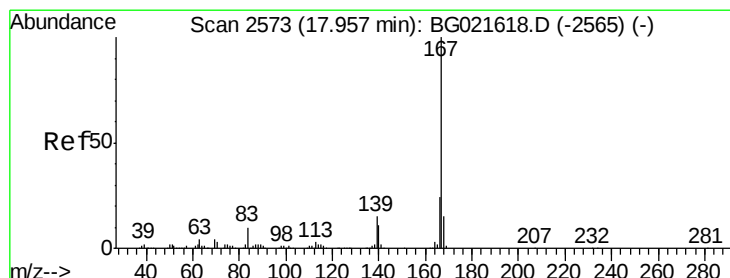
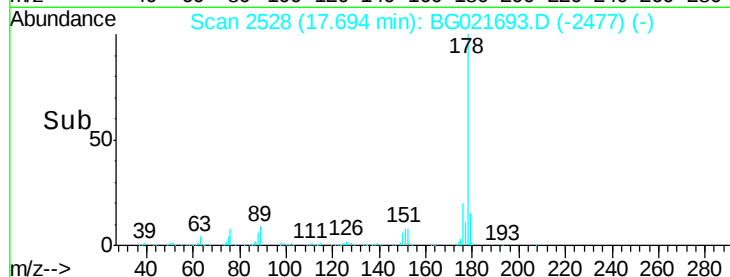
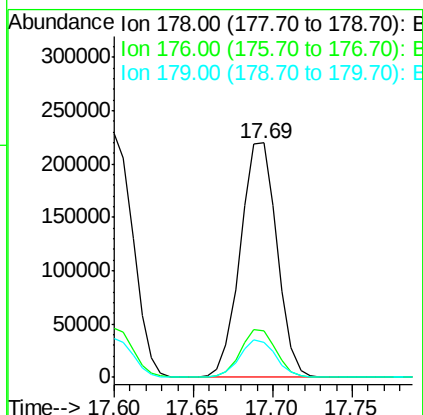
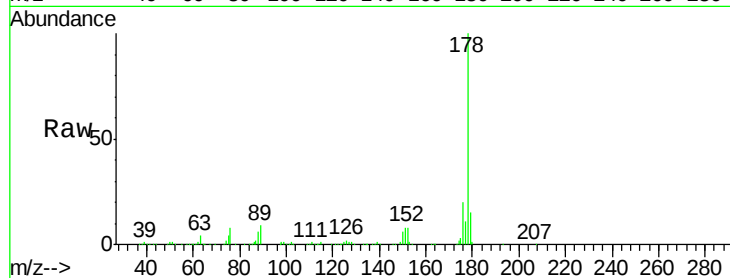




#71
 Anthracene
 Concen: 33.74 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

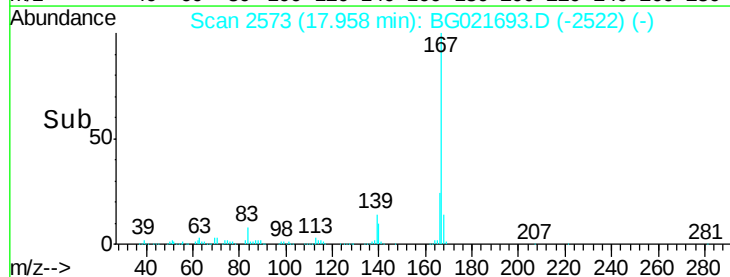
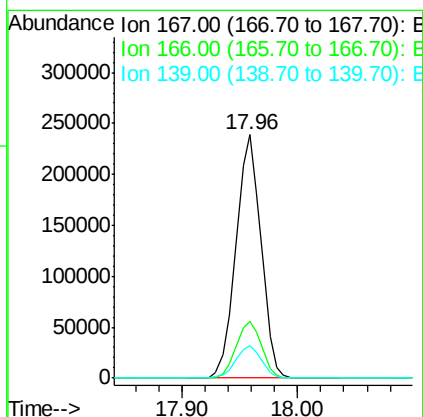
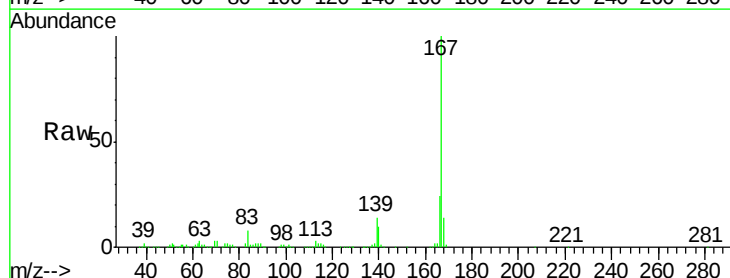
Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

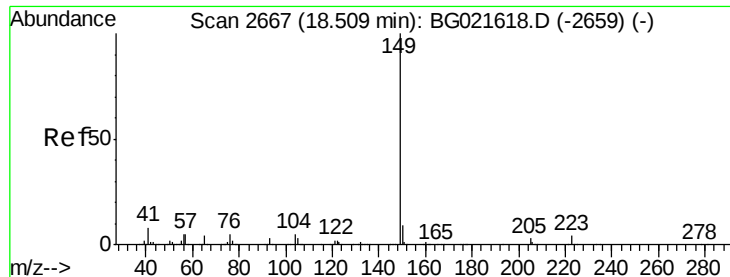
Tgt Ion:178 Resp: 351316
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.0 22.4
 179 15.1 12.2 18.4



#72
 Carbazole
 Concen: 36.85 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:167 Resp: 358077
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.6 27.8
 139 13.5 10.6 15.8





#73

Di-n-butylphthalate

Concen: 36.64 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

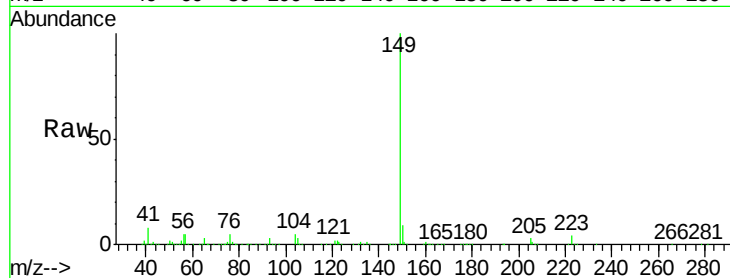
Tgt Ion:149 Resp: 452910

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

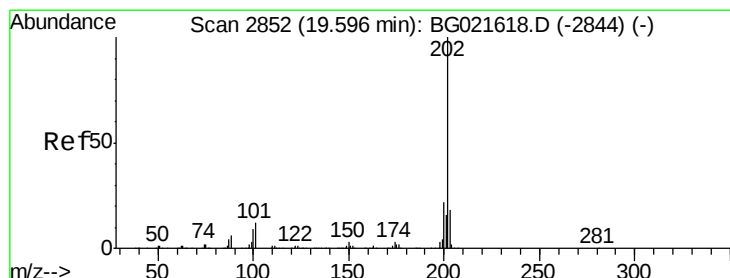
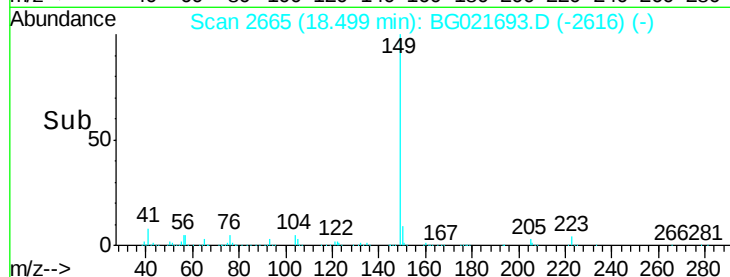
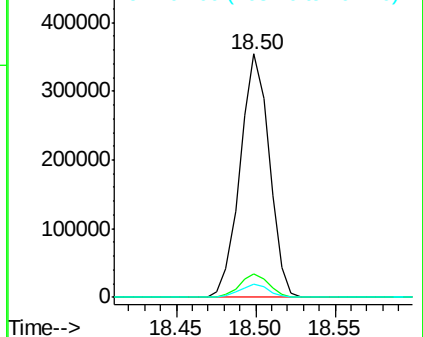
104 5.2 4.0 6.0



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: 36.42 ng

RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

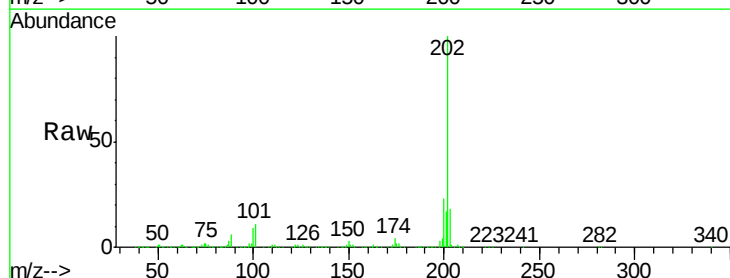
Tgt Ion:202 Resp: 445986

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.0

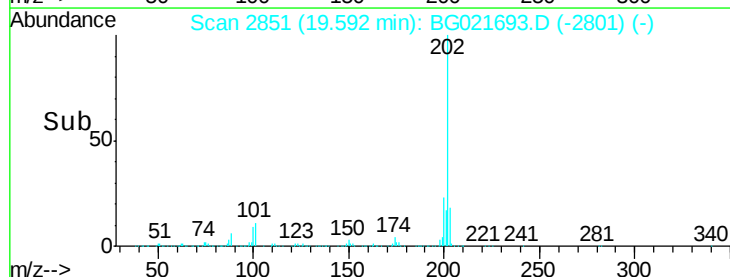
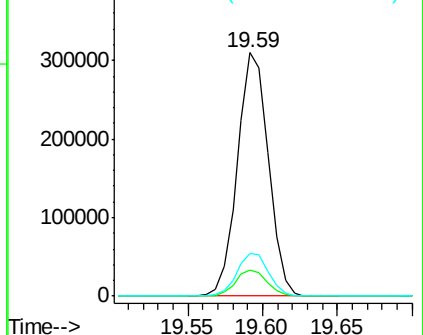
203 17.6 0.0 37.9

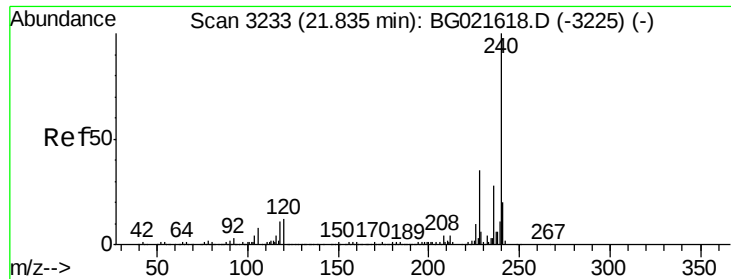


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.83 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

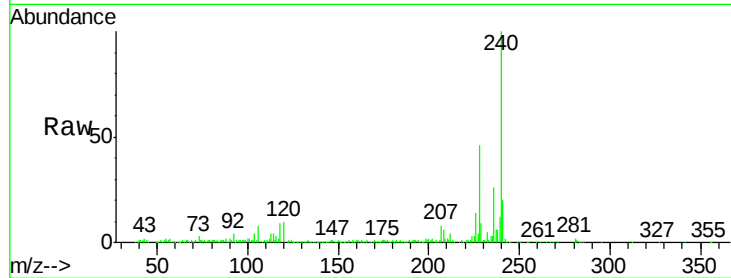
Tgt Ion:240 Resp: 226928

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

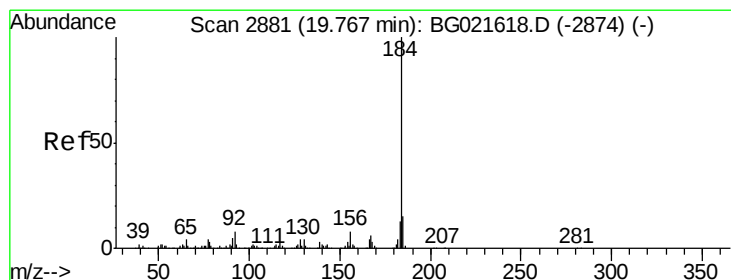
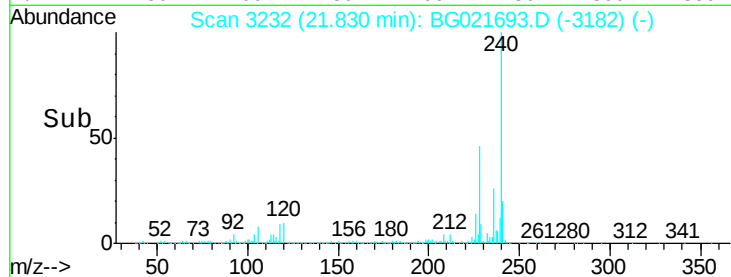
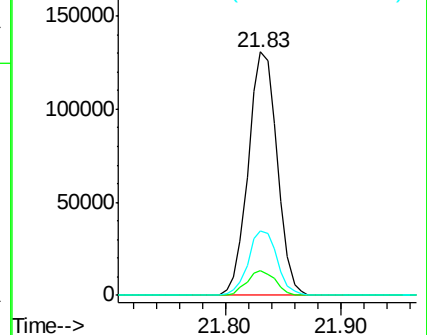
236 26.4 19.6 29.4



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: 24.14 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

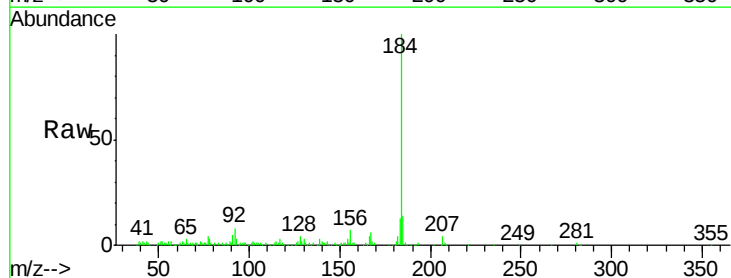
Tgt Ion:184 Resp: 170555

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

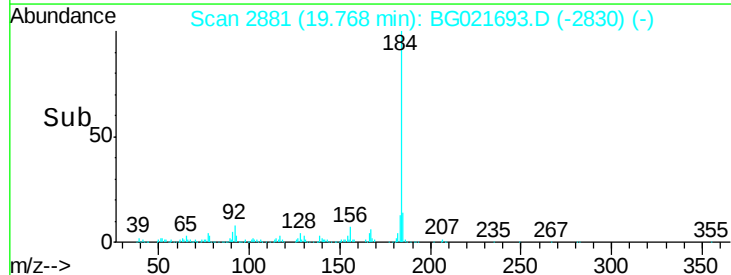
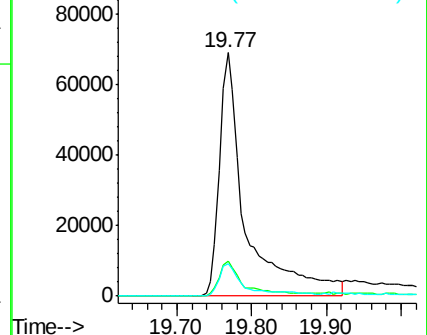
183 13.2 10.2 15.4

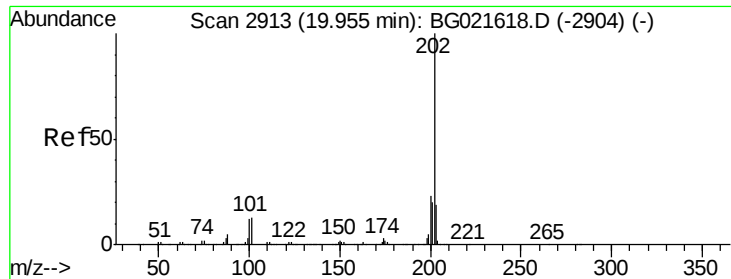


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.18 ng

RT: 19.96 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

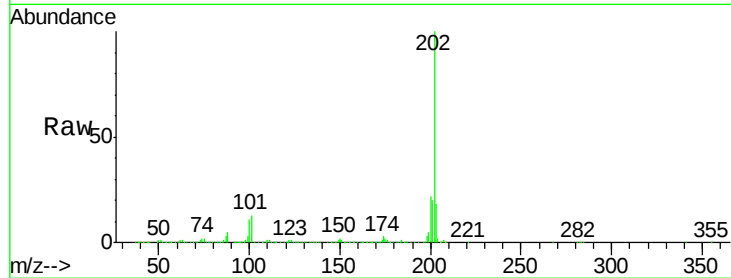
Tgt Ion:202 Resp: 460304

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

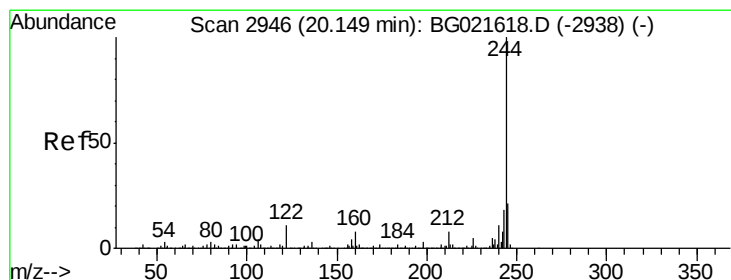
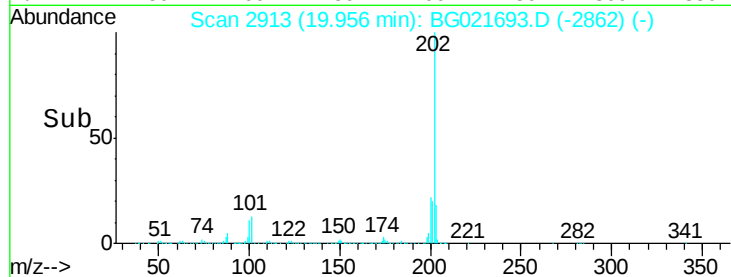
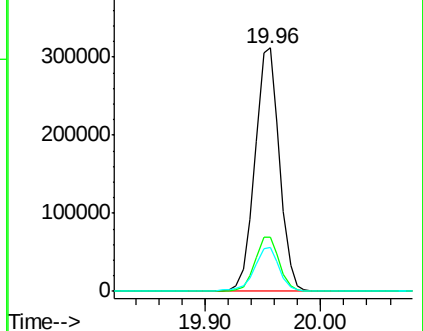
203 17.8 15.0 22.4



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: 72.37 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

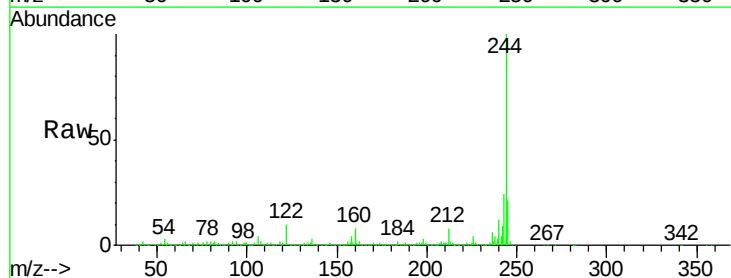
Tgt Ion:244 Resp: 658169

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

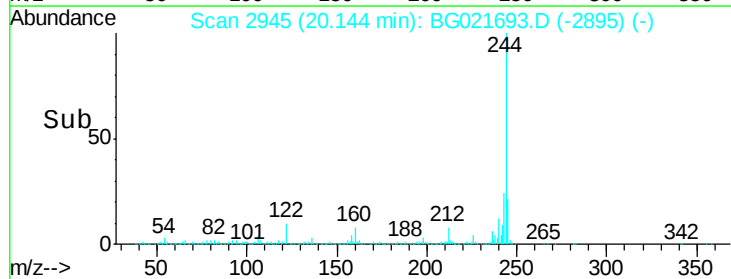
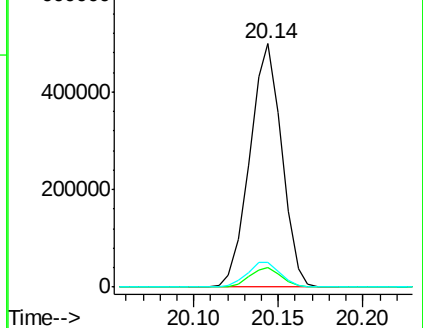
122 10.3 8.6 12.8

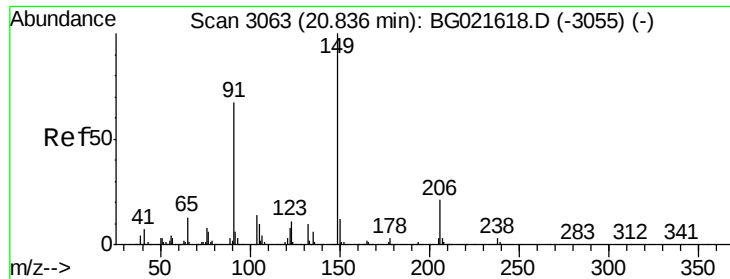


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

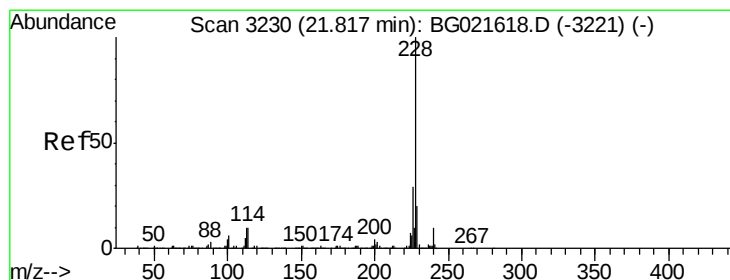
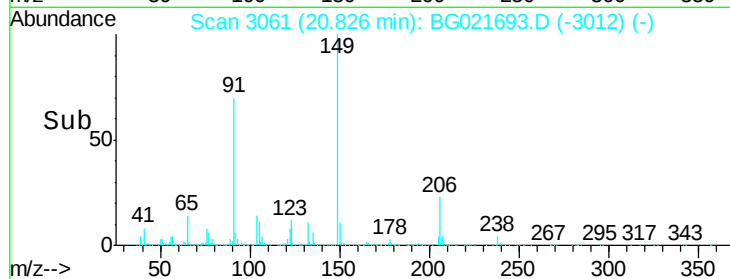
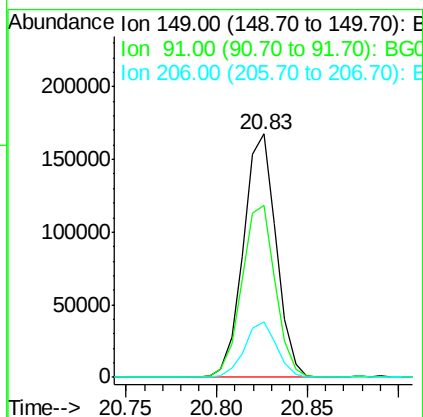
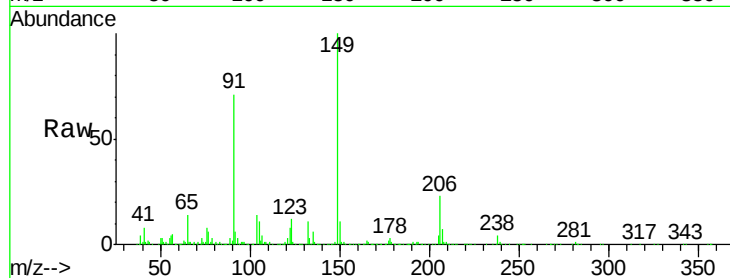




#79
Butylbenzylphthalate
Concen: 34.40 ng
RT: 20.83 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

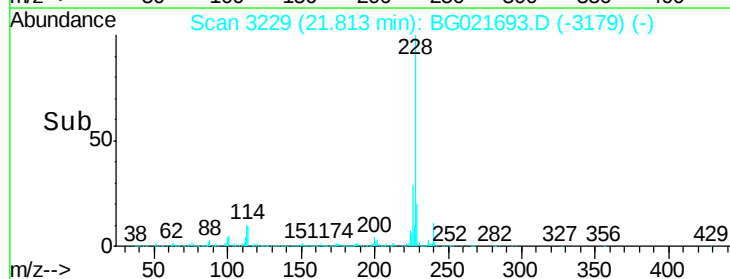
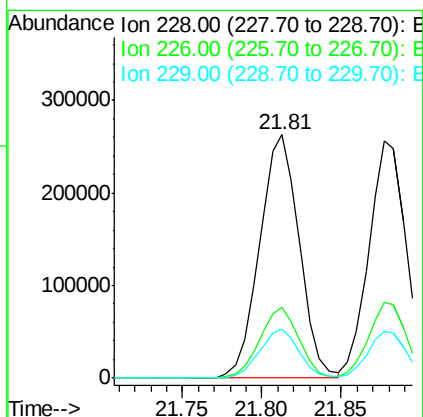
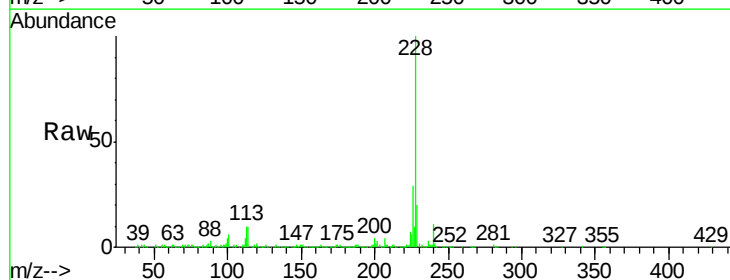
Instrument :
BNA_G
ClientSampleId :
PB89849BS

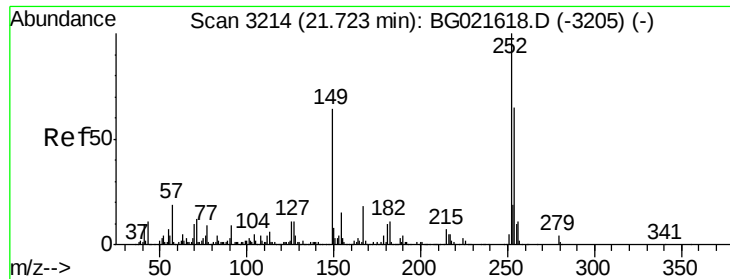
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.8	86.8
206	23.0	17.0	25.4



#80
Benzo(a)anthracene
Concen: 34.94 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.3	16.1	24.1

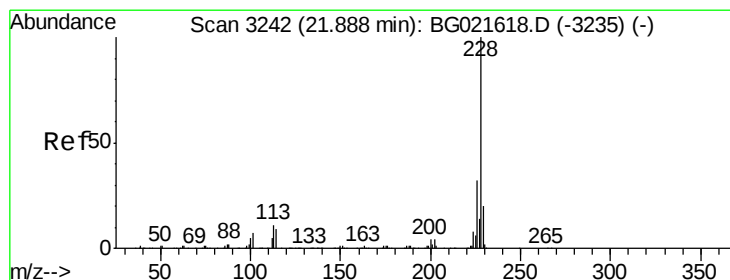
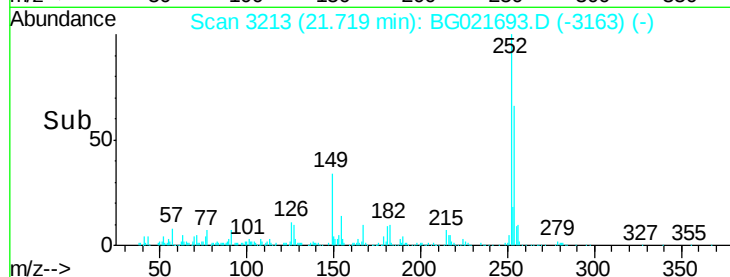
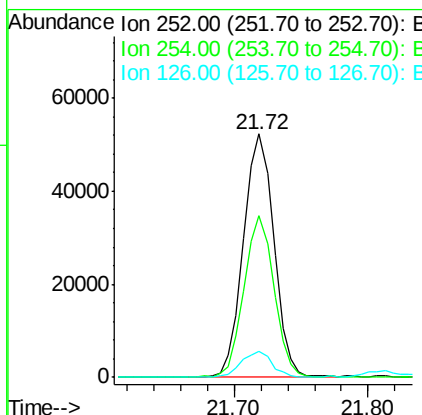
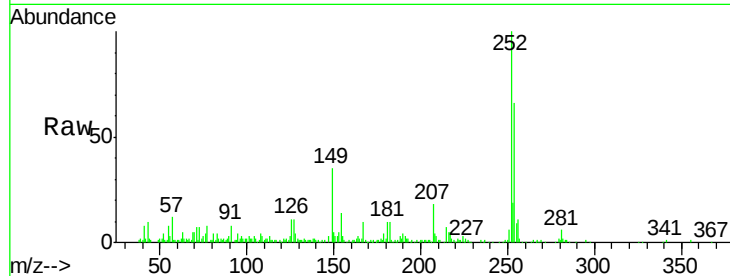




#81
 3,3'-Dichlorobenzidine
 Concen: 7.99 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

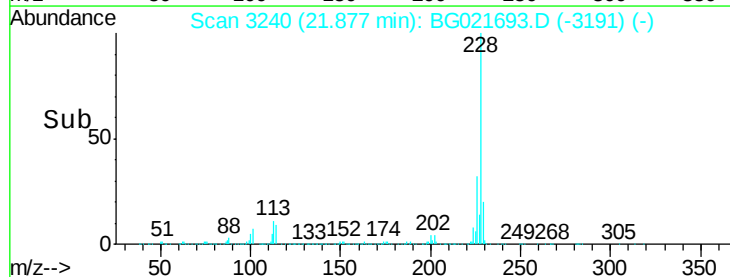
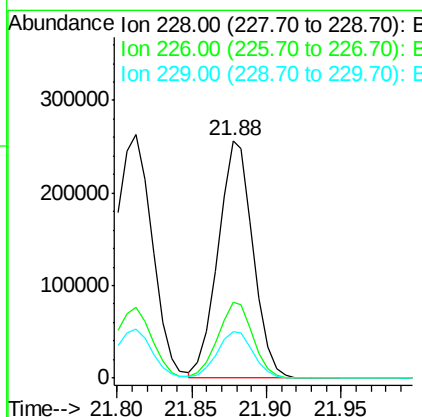
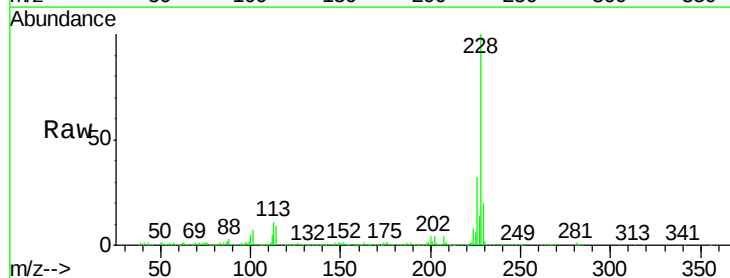
Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

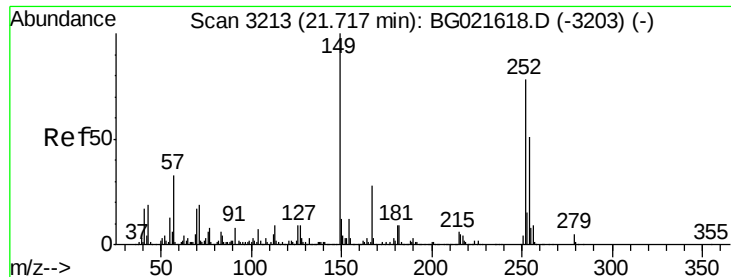
Tgt Ion:252 Resp: 82604
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.8 77.6
 126 10.7 8.8 13.2



#82
 Chrysene
 Concen: 33.37 ng
 RT: 21.88 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:228 Resp: 418672
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 19.8 15.9 23.9

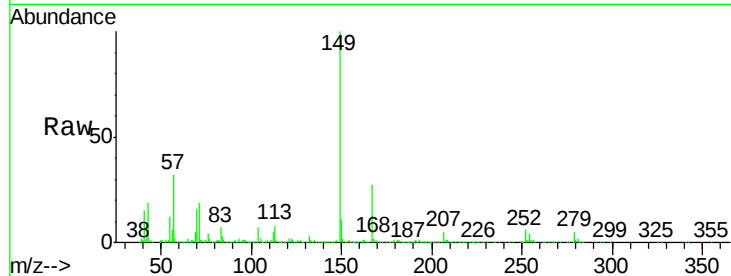




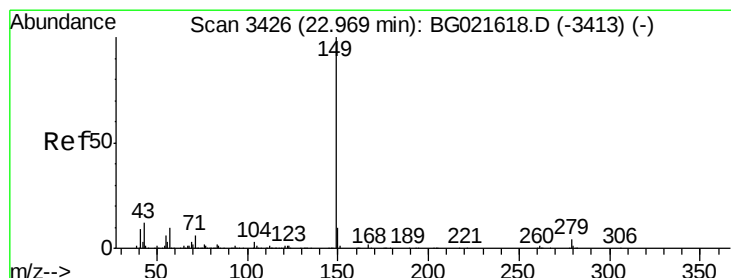
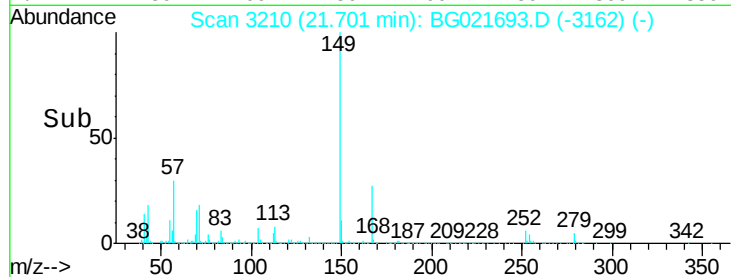
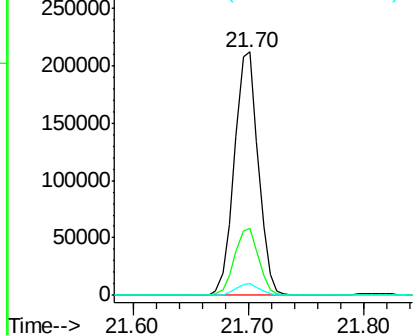
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.07 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.02 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tgt Ion:149 Resp: 302653
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.4 33.6
 279 4.8 3.2 4.8#

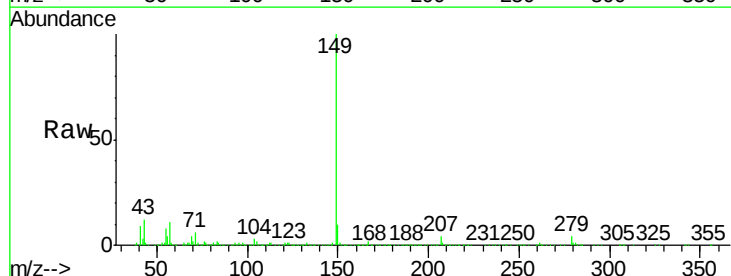


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

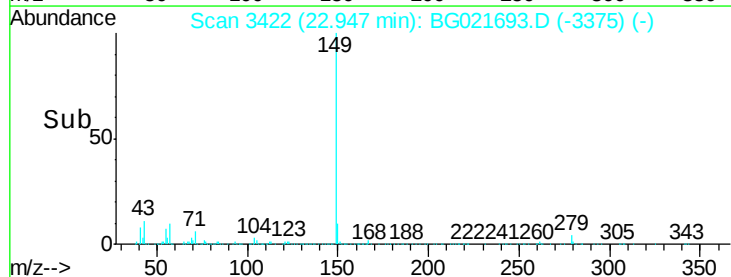
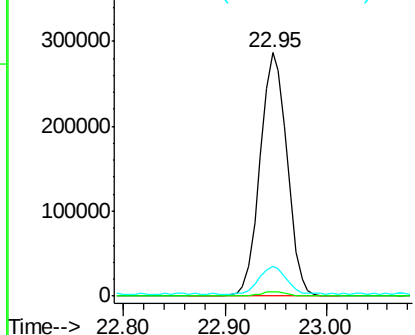


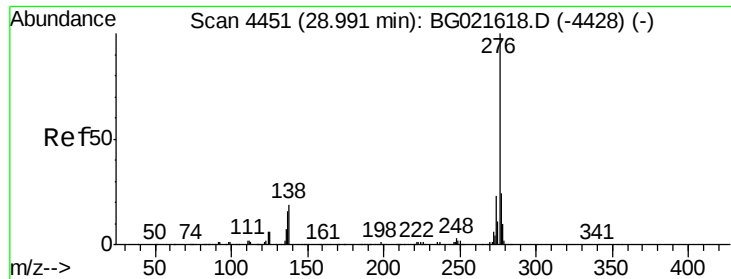
#84
 Di-n-octyl phthalate
 Concen: 35.30 ng
 RT: 22.95 min Scan# 3422
 Delta R.T. -0.02 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:149 Resp: 525385
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.5 9.8 14.6



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: 35.05 ng

RT: 28.98 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

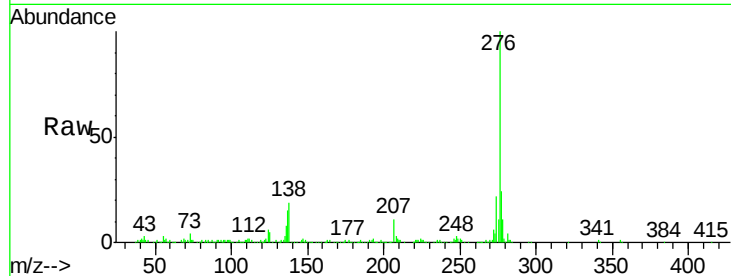
Tgt Ion:276 Resp: 522763

Ion Ratio Lower Upper

276 100

138 13.8 14.0 21.0#

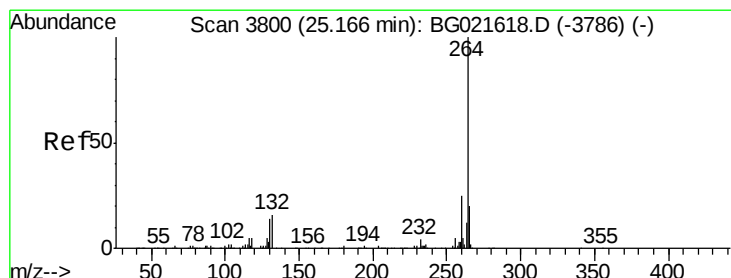
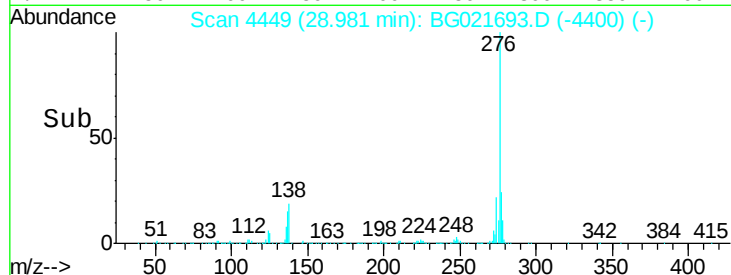
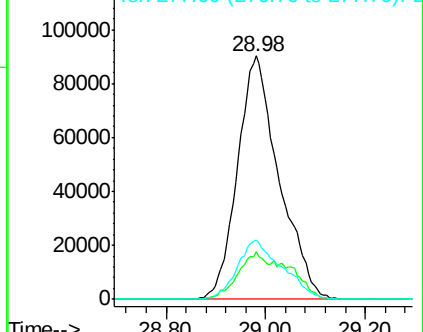
277 26.2 20.6 30.8



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: 25.16 min Scan# 3799

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

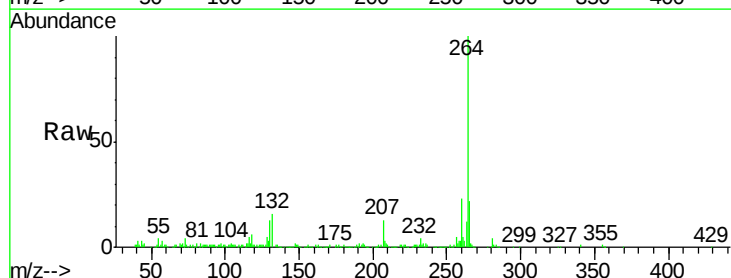
Tgt Ion:264 Resp: 227664

Ion Ratio Lower Upper

264 100

260 22.9 20.2 30.4

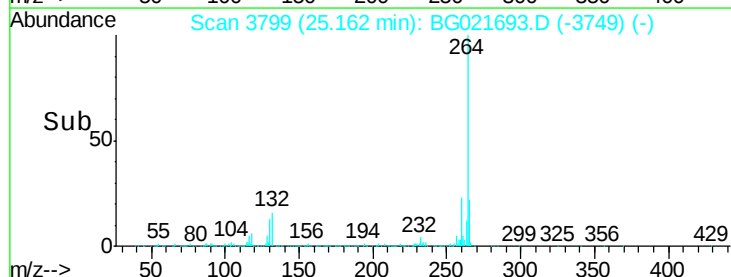
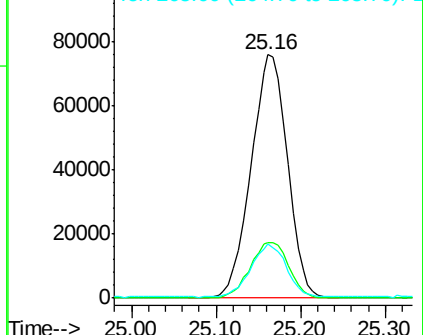
265 22.3 17.8 26.8

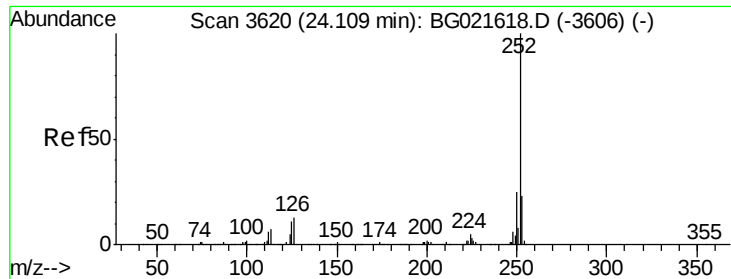


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

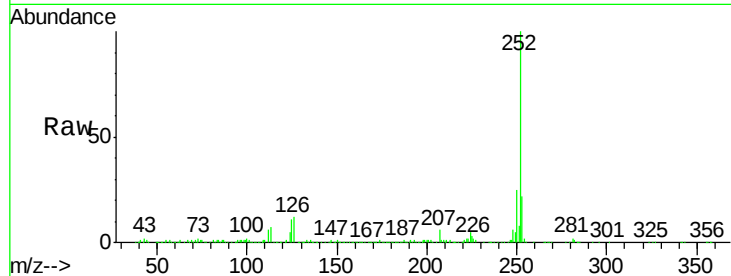




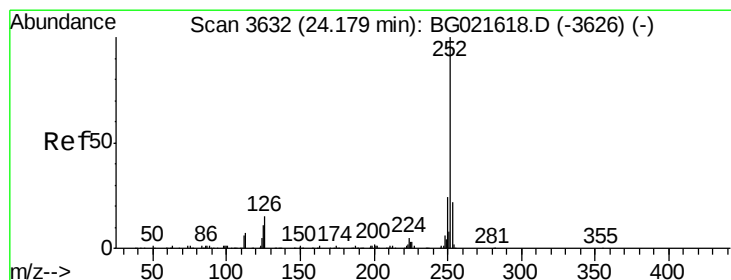
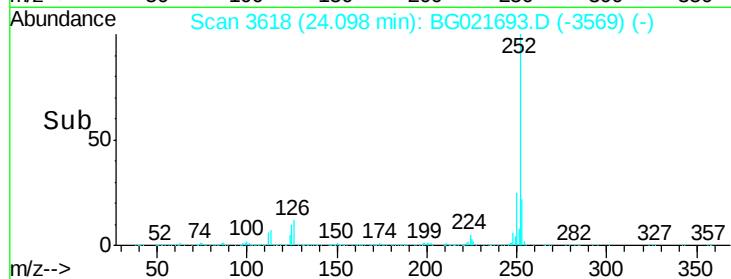
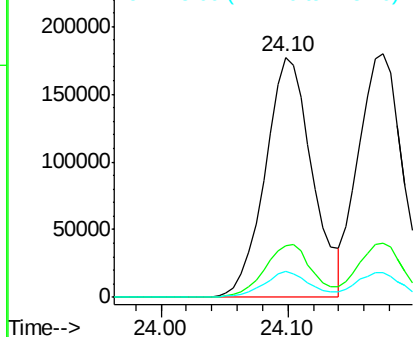
#87
Benzo(b)fluoranthene
Concen: 34.67 ng
RT: 24.10 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tgt Ion:252 Resp: 457931
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.6 8.6 13.0

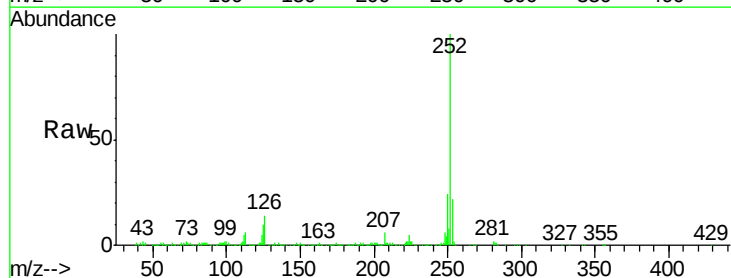


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

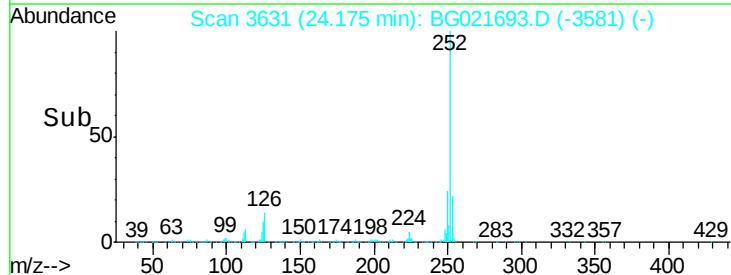
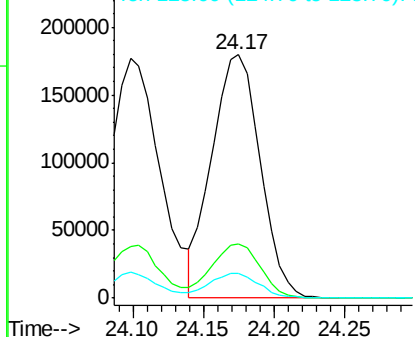


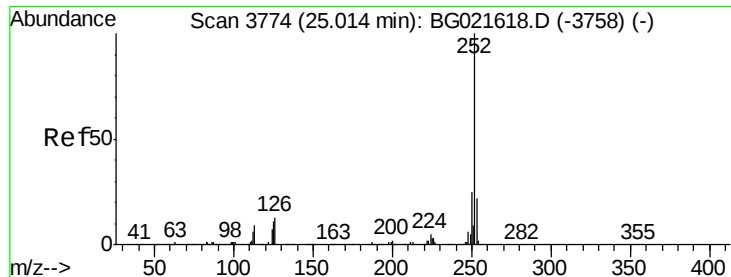
#88
Benzo(k)fluoranthene
Concen: 33.18 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:252 Resp: 428604
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.31 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

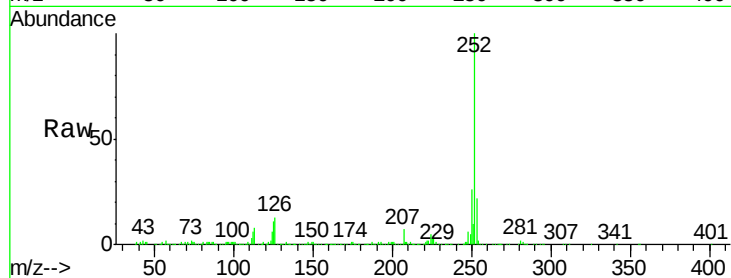
Tgt Ion:252 Resp: 439087

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

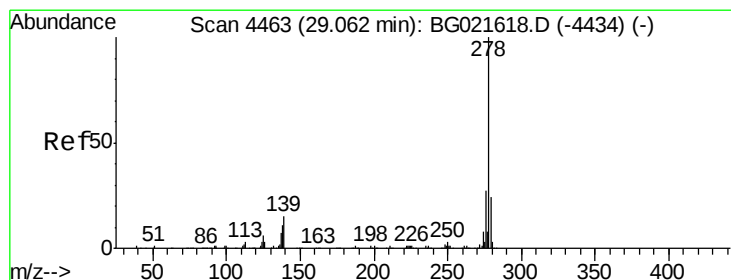
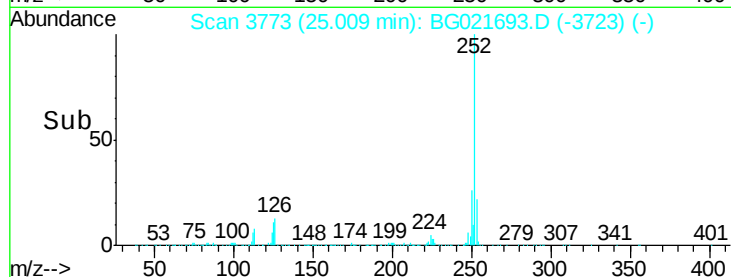
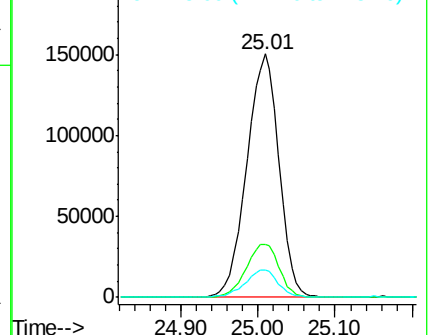
125 11.0 9.6 14.4



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: 34.12 ng

RT: 29.05 min Scan# 4461

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

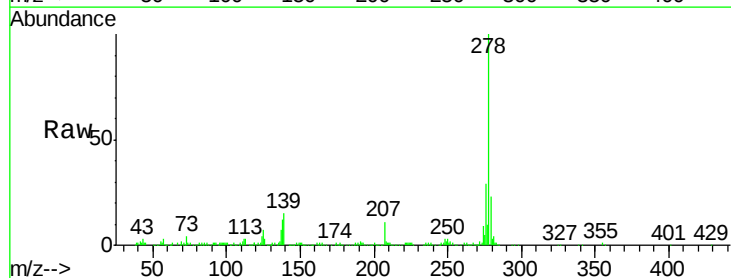
Tgt Ion:278 Resp: 437814

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

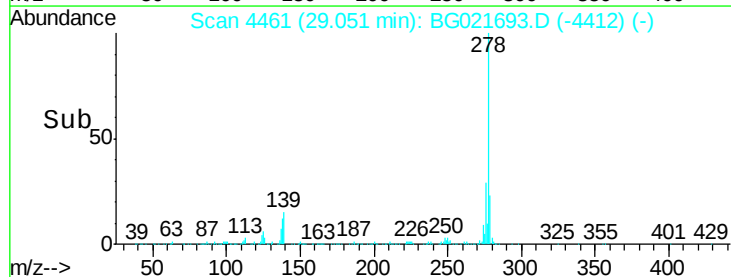
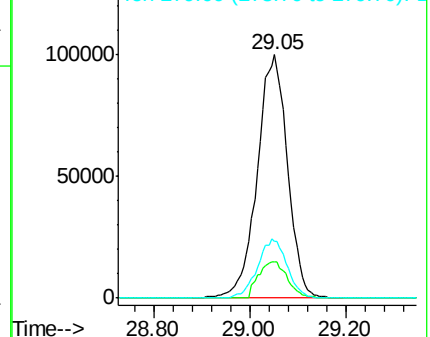
279 23.4 18.2 27.2

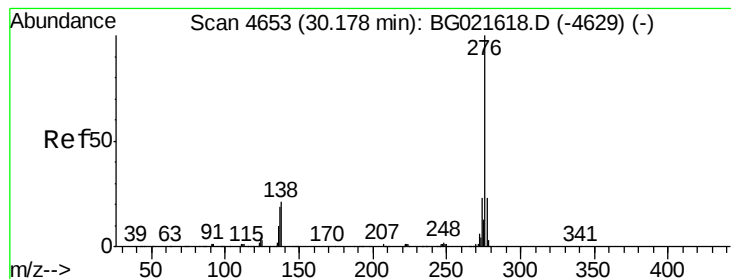


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.14 ng

RT: 30.18 min Scan# 4653

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

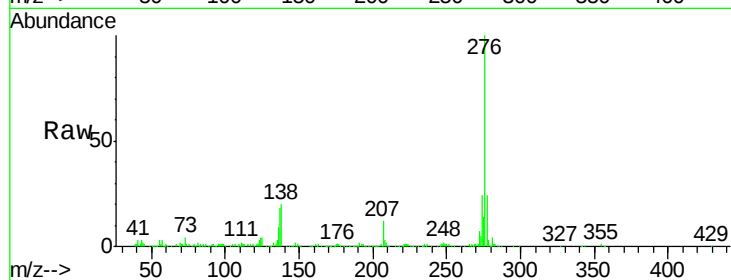
Tgt Ion: 276 Resp: 429879

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 19.5 17.4 26.0



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

