

Data File : BG025999.D
Acq On : 28 Feb 2017 16:20
Operator : SJ/MA
Sample : PB97196BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Quant Time: Mar 01 00:44:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	103847	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	489353	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	337762	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	908991	20.00	ng	0.00
75) Chrysene-d12	21.66	240	925080	20.00	ng	-0.02
86) Perylene-d12	24.86	264	911904	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	803466	134.70	ng	-0.01
7) Phenol-d6	7.23	99	1107307	125.45	ng	0.00
23) Nitrobenzene-d5	9.23	82	599411	77.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	552245	176.97	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1701357	88.02	ng	-0.02
78) Terphenyl-d14	20.01	244	2570847	67.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	75062	27.53	ng	# 80
3) Pyridine	3.93	79	216113	26.60	ng	# 69
4) n-Nitrosodimethylamine	3.84	42	87250	29.87	ng	# 22
6) Aniline	7.40	93	233260	19.01	ng	# 90
8) 2-Chlorophenol	7.64	128	290327	40.95	ng	# 86
9) Benzaldehyde	7.21	77	99074	18.94	ng	# 70
10) Phenol	7.26	94	381770	39.80	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	256779	32.57	ng	# 85
12) 1,3-Dichlorobenzene	7.97	146	282767	34.51	ng	# 86
13) 1,4-Dichlorobenzene	8.11	146	290585	35.01	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	284830	34.95	ng	# 91
15) Benzyl Alcohol	8.31	79	246312	38.11	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	310111	27.11	ng	# 87
17) 2-Methylphenol	8.51	107	267239	38.68	ng	# 81
18) Hexachloroethane	9.16	117	93348	33.93	ng	# 88
19) n-Nitroso-di-n-propylamine	8.87	70	211102	32.75	ng	# 78
20) 3+4-Methylphenols	8.83	107	378752	38.47	ng	# 85
22) Acetophenone	8.89	105	419289	35.71	ng	# 78
24) Nitrobenzene	9.27	77	301884	36.00	ng	# 76
25) Isophorone	9.79	82	595100	34.87	ng	# 88
26) 2-Nitrophenol	9.98	139	168729	43.03	ng	# 66
27) 2,4-Dimethylphenol	10.04	122	311375	42.55	ng	# 87
28) bis(2-Chloroethoxy)methane	10.28	93	378391	34.99	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	315526	45.17	ng	# 96
30) 1,2,4-Trichlorobenzene	10.74	180	293356	38.62	ng	# 98
31) Naphthalene	10.93	128	916039	36.21	ng	# 99
32) Benzoic acid	10.16	122	240620	43.06	ng	# 77
33) 4-Chloroaniline	11.03	127	93852	8.54	ng	# 85
34) Hexachlorobutadiene	11.22	225	159144	36.82	ng	# 98
35) Caprolactam	11.79	113	93835	33.27	ng	# 73
36) 4-Chloro-3-methylphenol	12.14	107	369059	44.16	ng	# 83
37) 2-Methylnaphthalene	12.52	142	738085	38.30	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	339440	40.10	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	370400	79.96	ng	# 95

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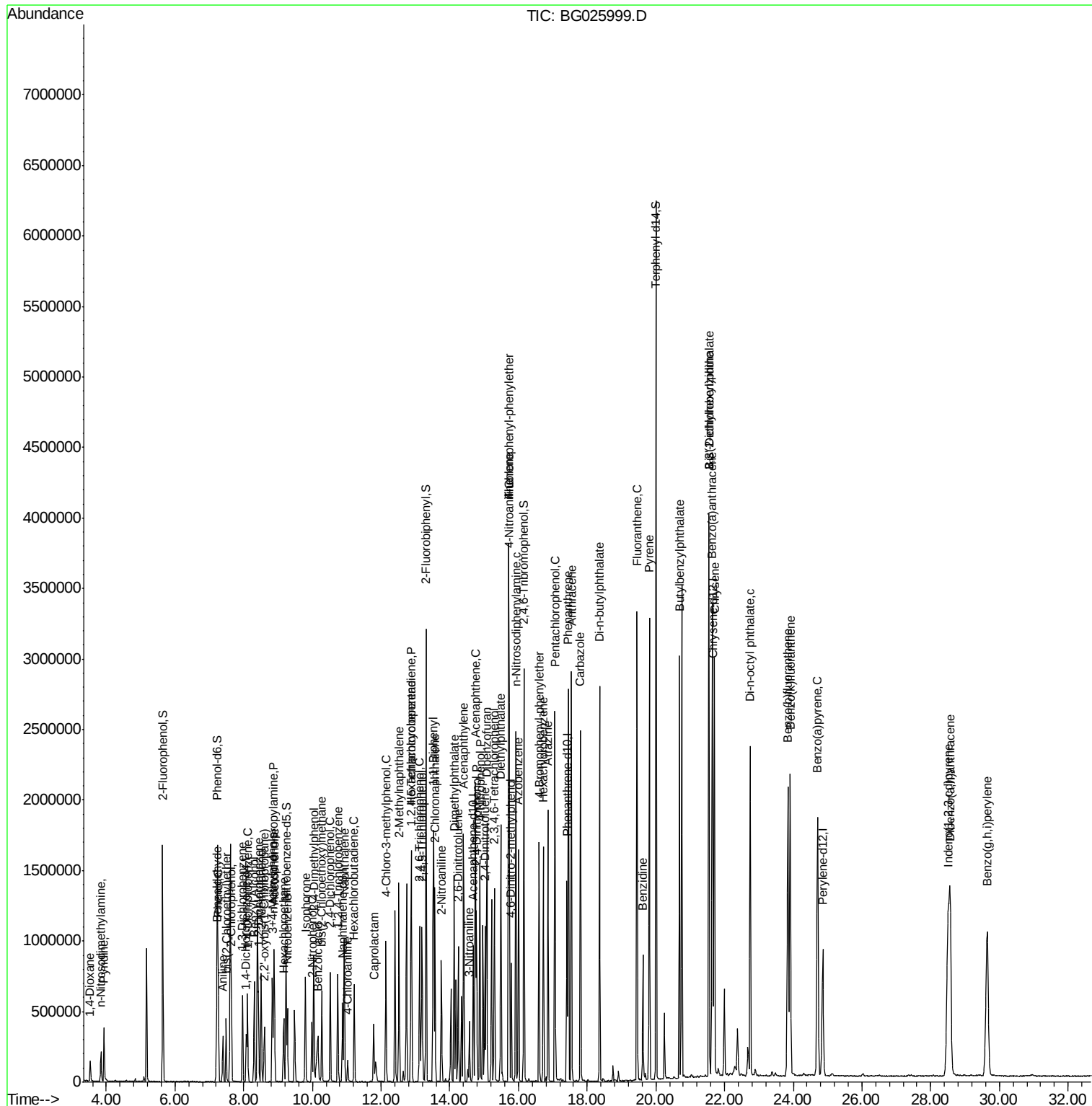
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	275406	50.37	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	297383	47.91	ng #	93
45) 1,1'-Biphenyl	13.52	154	1000172	40.86	ng	98
46) 2-Chloronaphthalene	13.56	162	744291	42.06	ng	97
47) 2-Nitroaniline	13.75	65	255783	45.58	ng #	65
48) Acenaphthylene	14.40	152	1322539	41.98	ng	99
49) Dimethylphthalate	14.13	163	1063680	45.90	ng	98
50) 2,6-Dinitrotoluene	14.25	165	252797	48.57	ng #	64
51) Acenaphthene	14.74	154	867414	41.69	ng	99
52) 3-Nitroaniline	14.57	138	125945	21.63	ng #	66
53) 2,4-Dinitrophenol	14.78	184	309773	113.73	ng #	85
54) Dibenzofuran	15.08	168	1304085	47.01	ng	91
55) 4-Nitrophenol	14.88	139	493131	104.07	ng #	45
56) 2,4-Dinitrotoluene	15.03	165	370544	52.91	ng #	75
57) Fluorene	15.72	166	1104429	44.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	304214	55.56	ng	99
59) Diethylphthalate	15.49	149	1123771	46.89	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	521661	45.42	ng	91
61) 4-Nitroaniline	15.73	138	299530	49.63	ng #	53
62) Azobenzene	16.00	77	988551	47.98	ng	85
64) 4,6-Dinitro-2-methylphenol	15.79	198	220132	41.38	ng	88
65) n-Nitrosodiphenylamine	15.92	169	1017984	36.93	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	361588	37.95	ng	97
67) Hexachlorobenzene	16.72	284	375770	38.27	ng	95
68) Atrazine	16.86	200	384613	39.42	ng	97
69) Pentachlorophenol	17.06	266	497601	82.15	ng	97
70) Phenanthrene	17.46	178	1827761	37.04	ng	97
71) Anthracene	17.54	178	1887693	37.52	ng	99
72) Carbazole	17.80	167	1759410	34.81	ng	96
73) Di-n-butylphthalate	18.36	149	2028168	40.88	ng #	95
74) Fluoranthene	19.45	202	2047157	37.68	ng	95
76) Benzidine	19.62	184	559532	19.16	ng	99
77) Pyrene	19.81	202	2059628	35.20	ng	98
79) Butylbenzylphthalate	20.69	149	897010	40.40	ng	86
80) Benzo(a)anthracene	21.64	228	1974743	36.56	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	437200	22.71	ng #	98
82) Chrysene	21.70	228	1799719	34.65	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1262455	39.38	ng	96
84) Di-n-octyl phthalate	22.74	149	2179905	41.17	ng #	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	2392957	39.12	ng #	87
87) Benzo(b)fluoranthene	23.84	252	2016714	36.93	ng #	96
88) Benzo(k)fluoranthene	23.91	252	2007578	37.67	ng #	95
89) Benzo(a)pyrene	24.71	252	1964614	37.99	ng #	93
90) Dibenzo(a,h)anthracene	28.57	278	1989378	38.29	ng #	91
91) Benzo(g,h,i)perylene	29.64	276	1999499	38.38	ng #	88

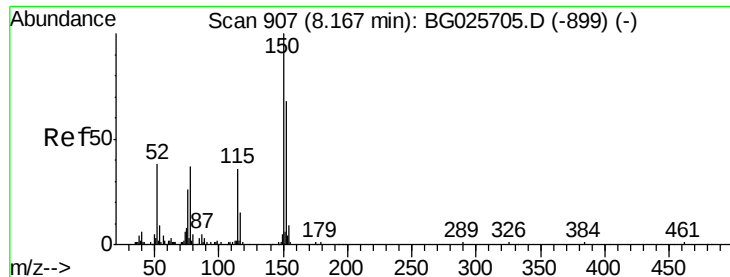
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

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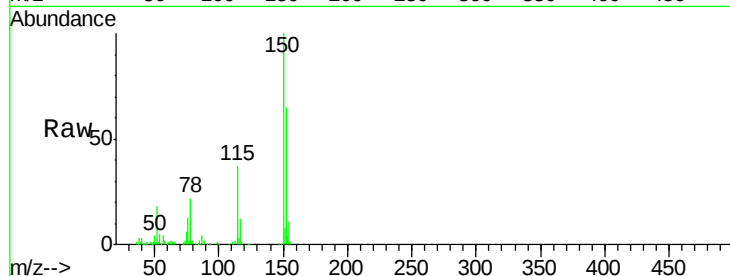
Tgt Ion:152 Resp: 103847

Ion Ratio Lower Upper

152 100

150 153.1 114.0 171.0

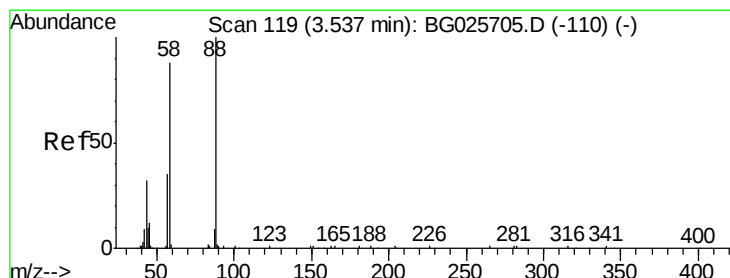
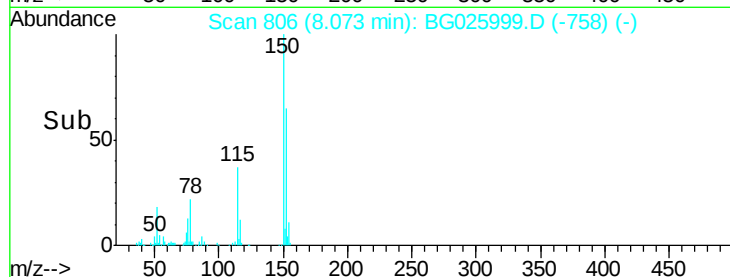
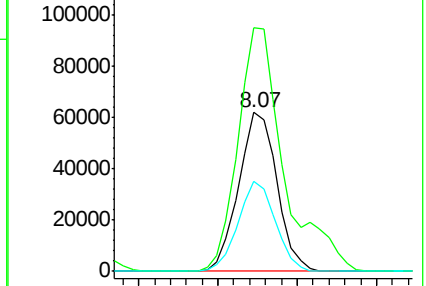
115 56.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.53 ng

RT: 3.53 min Scan# 33

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

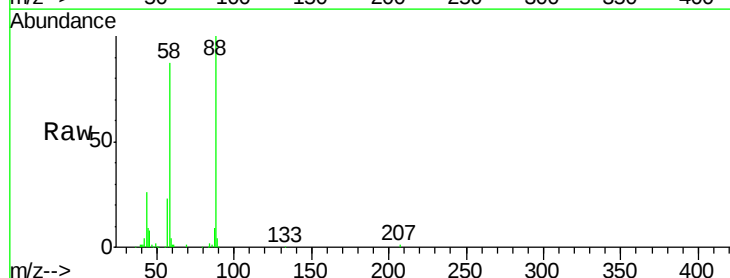
Tgt Ion: 88 Resp: 75062

Ion Ratio Lower Upper

88 100

58 83.1 79.4 119.2

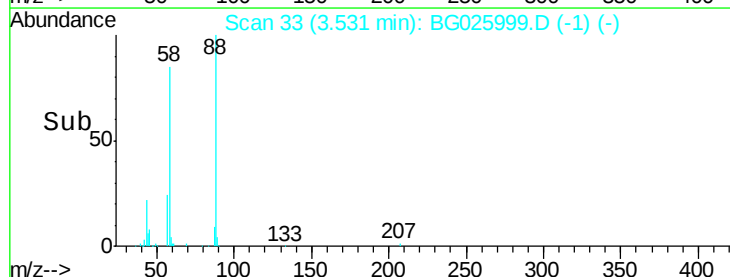
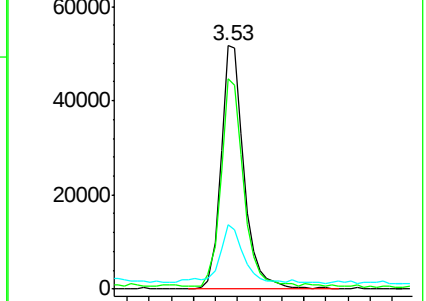
43 24.5 33.8 50.6#

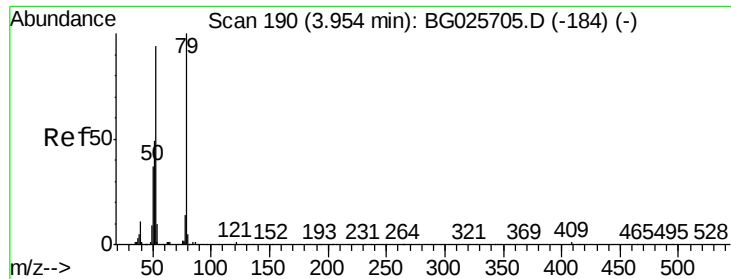


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.60 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

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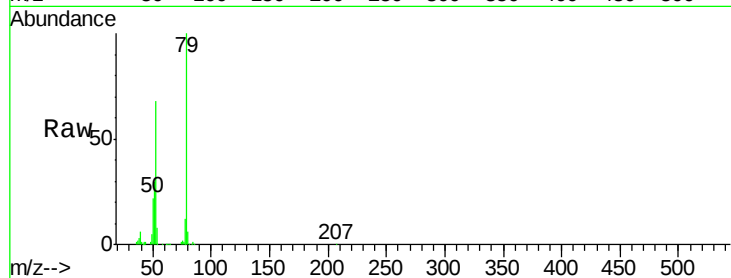
Tgt Ion: 79 Resp: 216113

Ion Ratio Lower Upper

79 100

52 67.7 77.8 116.6#

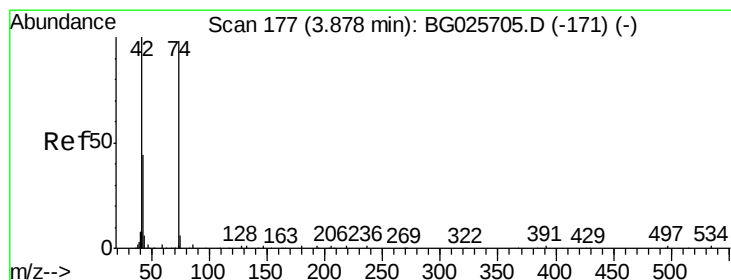
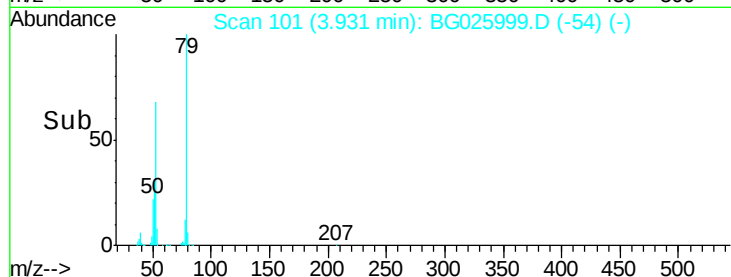
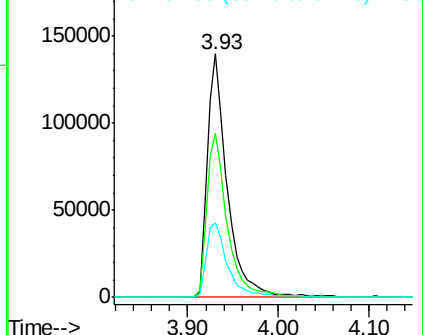
51 30.4 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.87 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

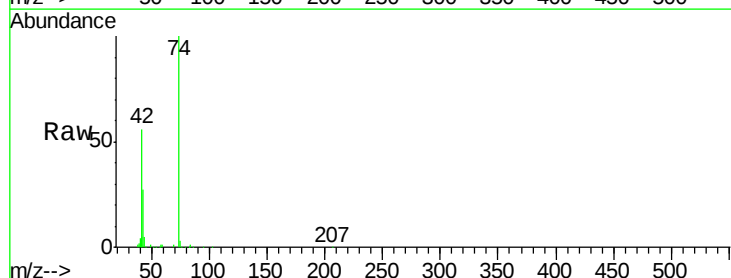
Tgt Ion: 42 Resp: 87250

Ion Ratio Lower Upper

42 100

74 178.3 76.7 115.1#

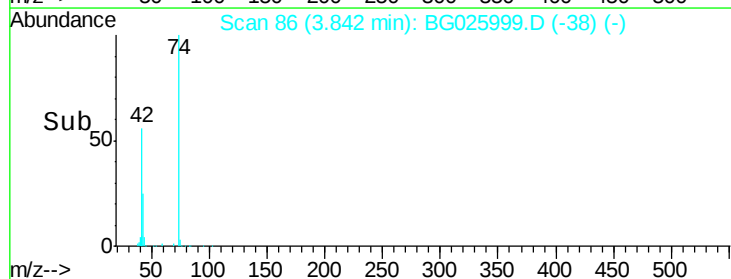
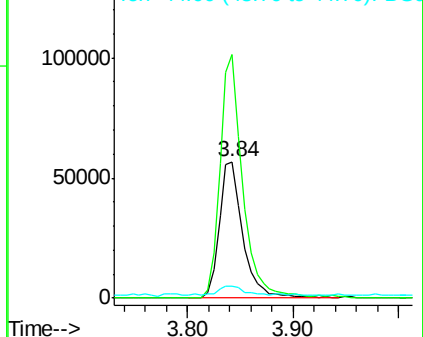
44 9.0 6.1 9.1

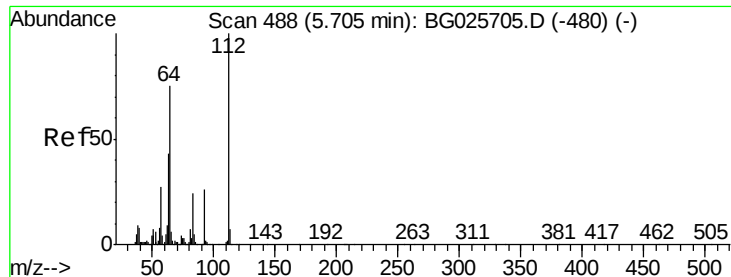


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 134.70 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

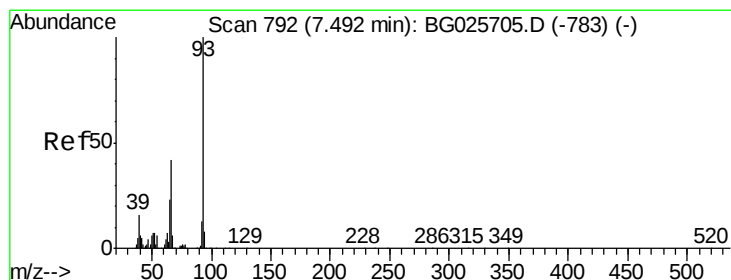
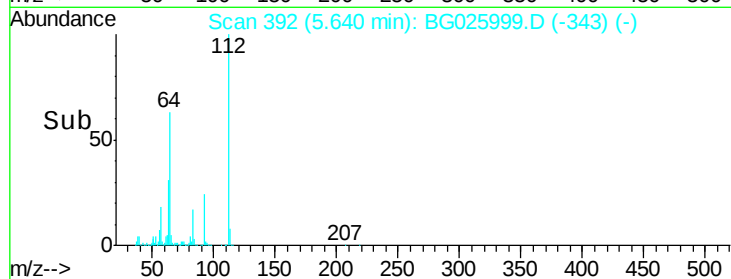
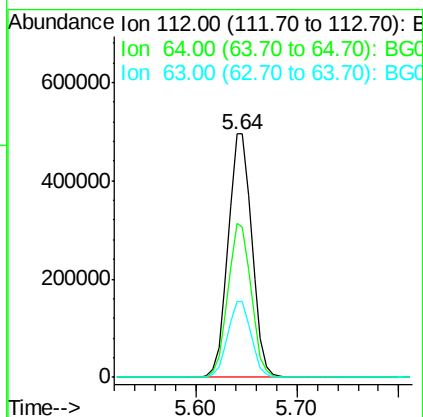
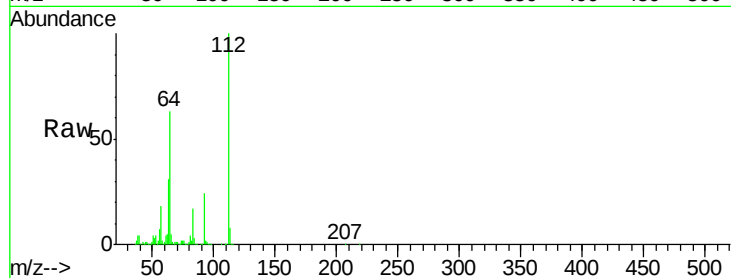
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Tgt Ion:	112	Resp:	803466
Ion	Ratio	Lower	Upper
112	100		
64	63.1	61.8	92.6
63	31.2	37.2	55.8#



#6

Aniline

Concen: 19.01 ng

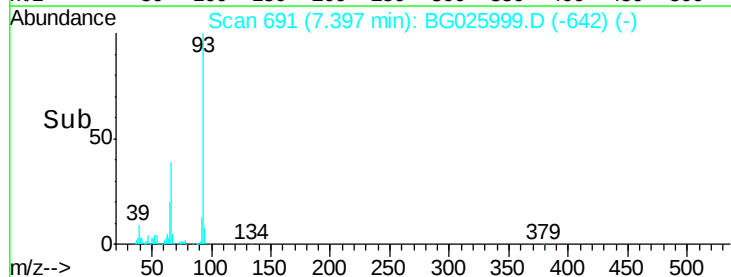
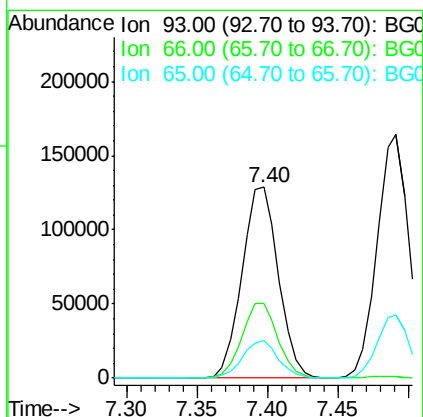
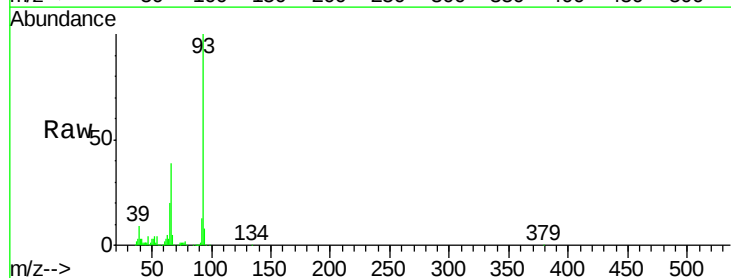
RT: 7.40 min Scan# 691

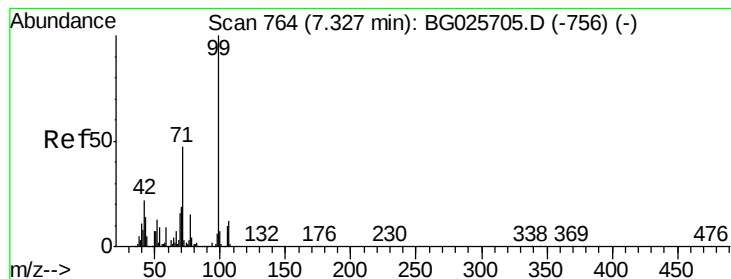
Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:	93	Resp:	233260
Ion	Ratio	Lower	Upper
93	100		
66	39.2	35.4	53.2
65	19.5	21.2	31.8#





#7

Phenol-d6

Concen: 125.45 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

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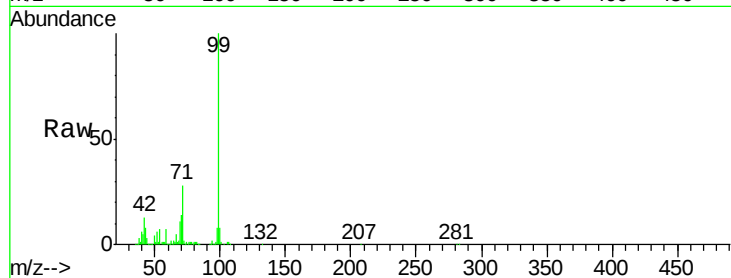
Tgt Ion: 99 Resp: 1107307

Ion Ratio Lower Upper

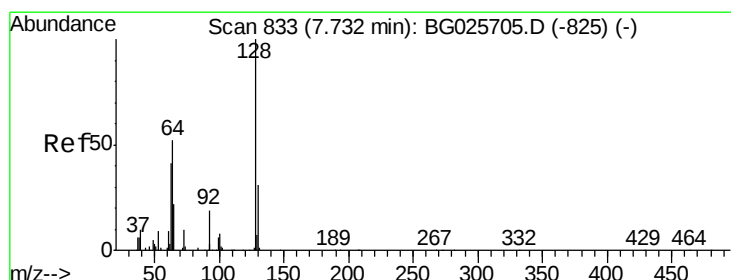
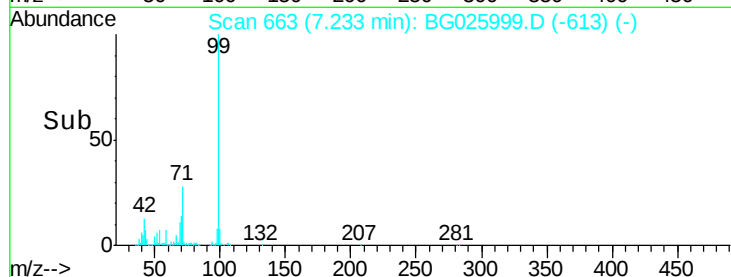
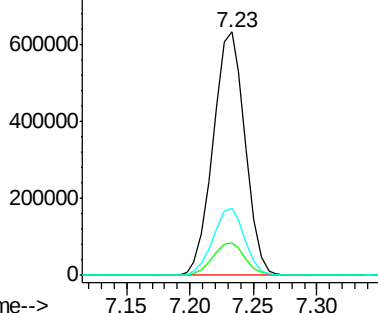
99 100

42 13.4 20.5 30.7#

71 27.6 37.6 56.4#



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: 40.95 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

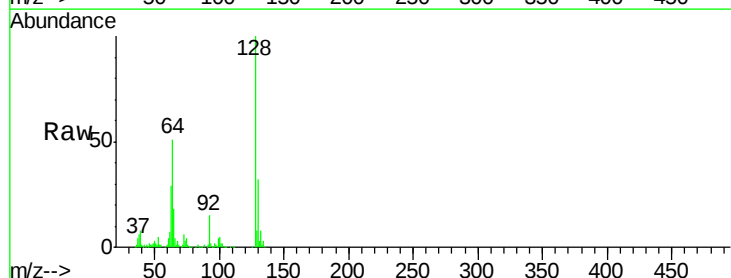
Tgt Ion: 128 Resp: 290327

Ion Ratio Lower Upper

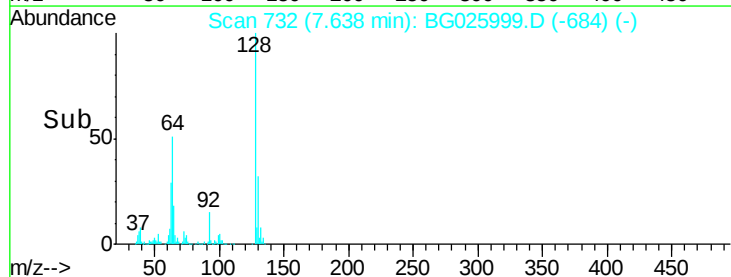
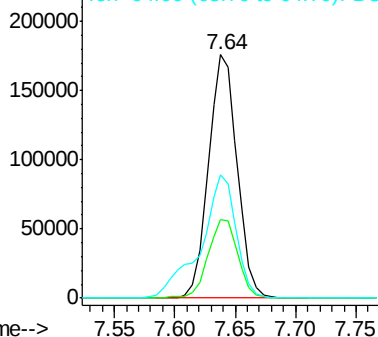
128 100

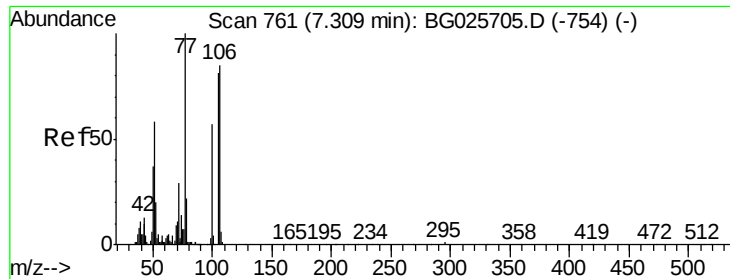
130 32.1 11.4 51.4

64 50.7 46.6 86.6



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: 18.94 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

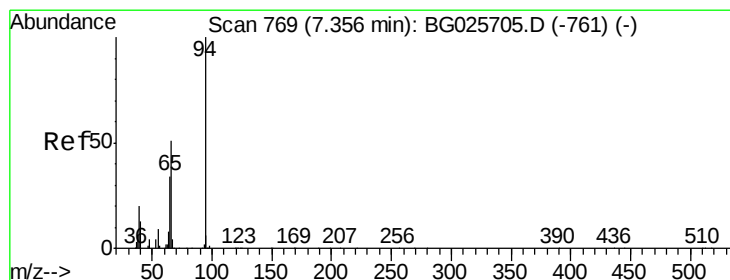
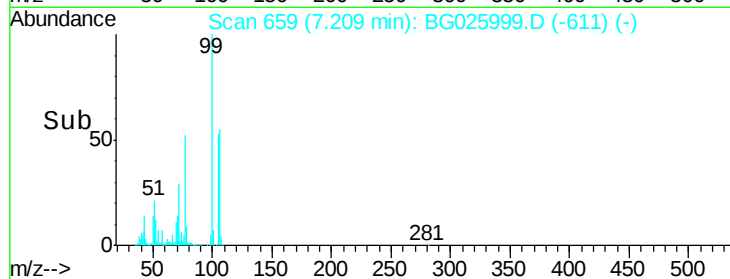
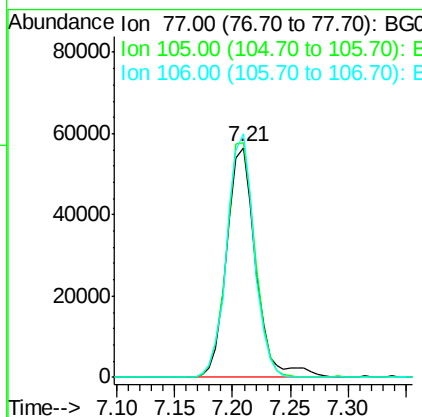
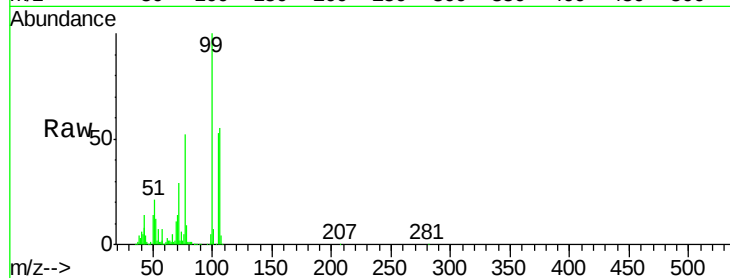
Instrument :

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Tgt Ion:	77	Resp:	99074
Ion Ratio	Lower	Upper	
77	100		
105	102.1	60.9	100.9#
106	105.9	55.1	95.1#



#10

Phenol

Concen: 39.80 ng

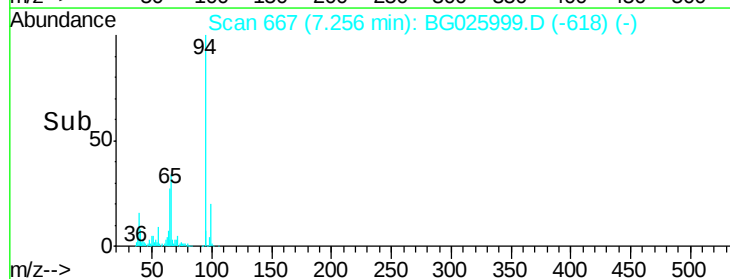
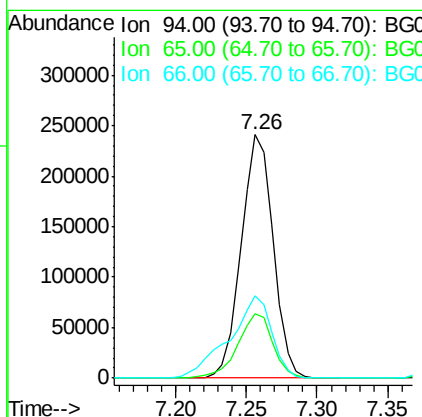
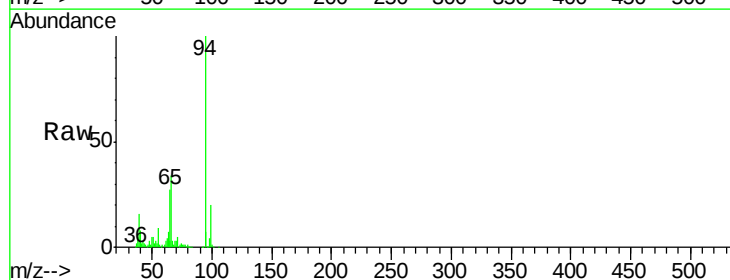
RT: 7.26 min Scan# 667

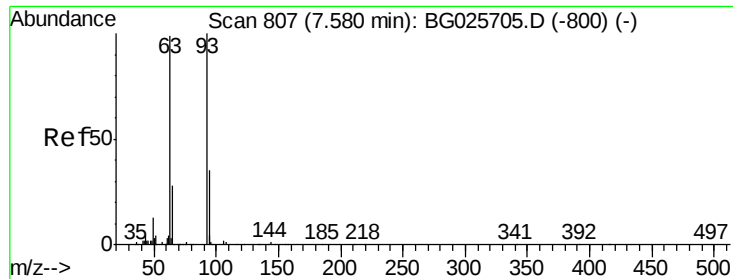
Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:	94	Resp:	381770
Ion Ratio	Lower	Upper	
94	100		
65	26.6	20.6	60.6
66	33.7	35.5	75.5#

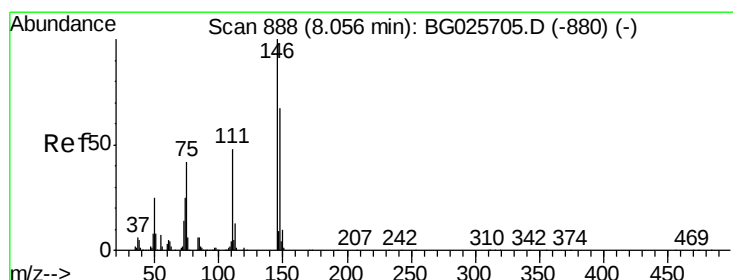
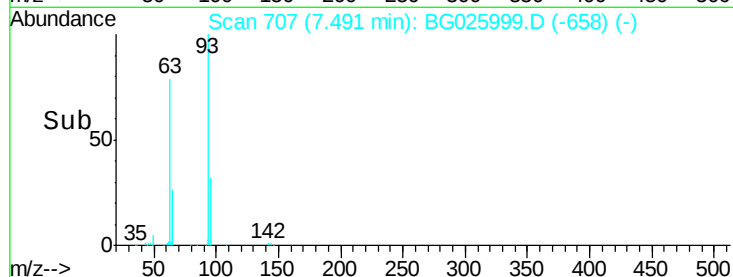
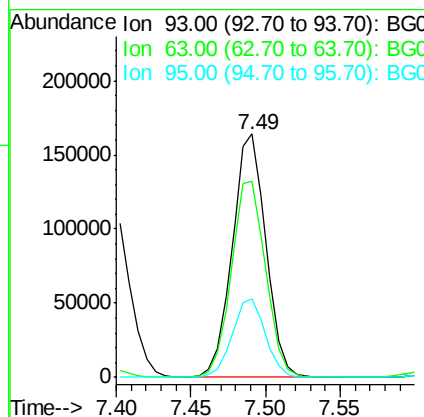
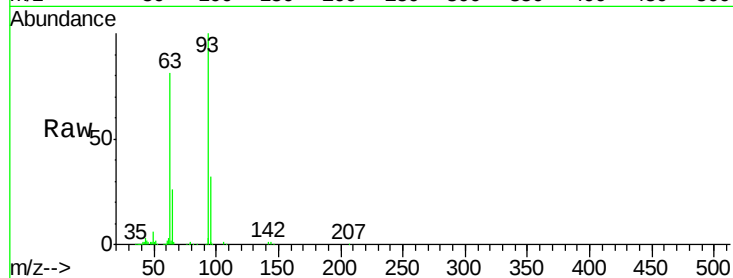




#11
bis(2-Chloroethyl)ether
Concen: 32.57 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

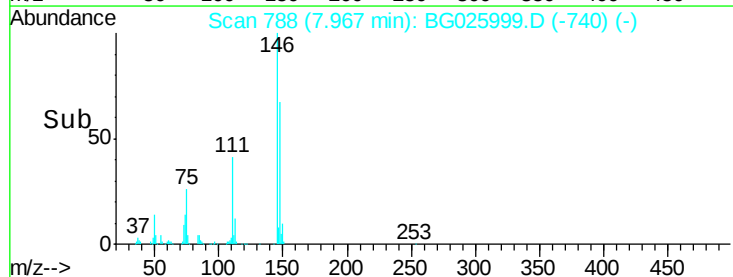
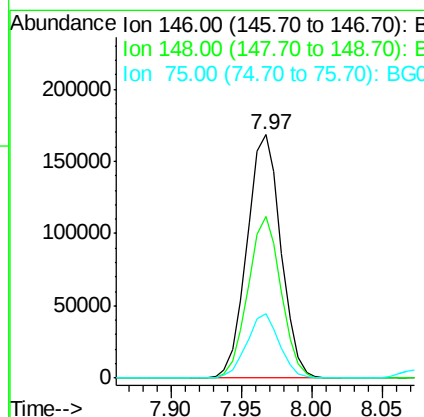
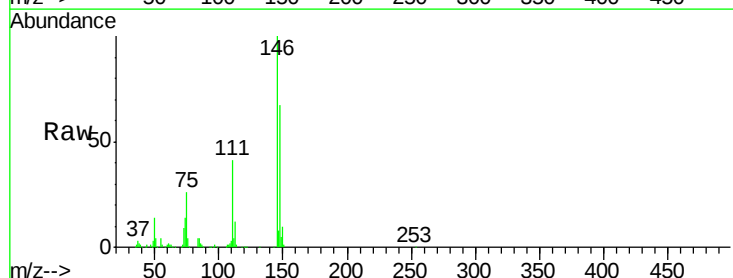
Instrument :
BNA_G
ClientSampleId :
PB97196BS

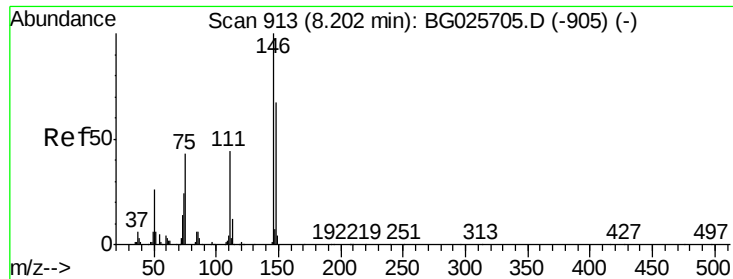
Tgt Ion: 93 Resp: 256779
Ion Ratio Lower Upper
93 100
63 80.5 78.5 118.5
95 32.0 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 34.51 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion: 146 Resp: 282767
Ion Ratio Lower Upper
146 100
148 66.7 49.2 73.8
75 26.2 33.4 50.2#

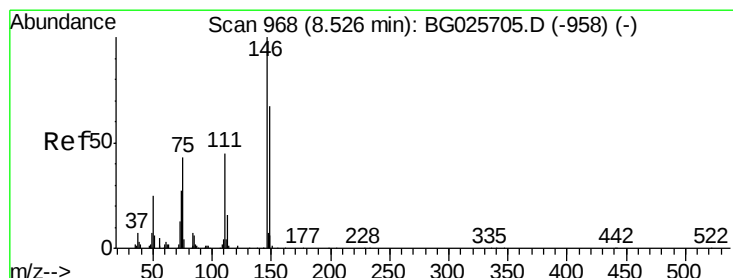
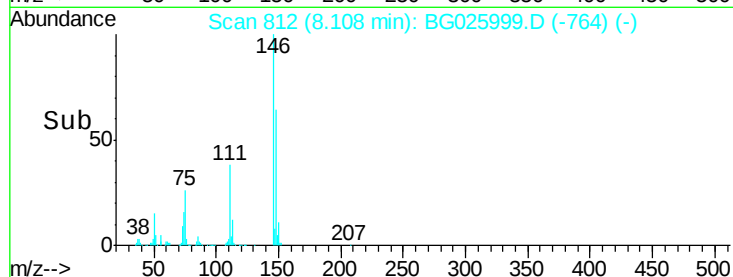
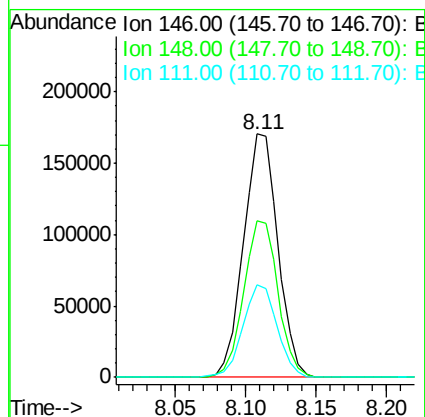
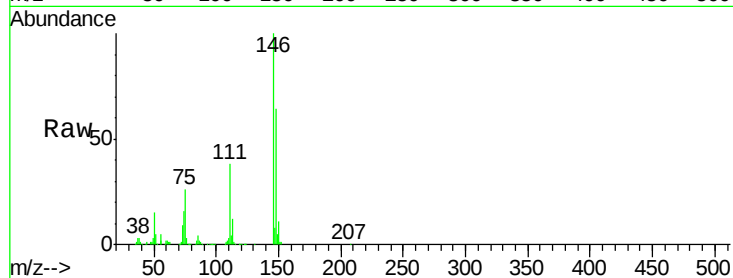




#13
 1,4-Dichlorobenzene
 Concen: 35.01 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

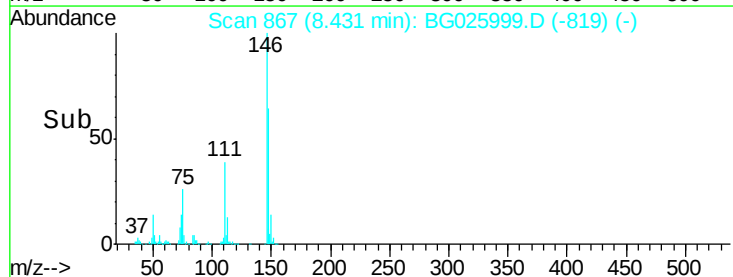
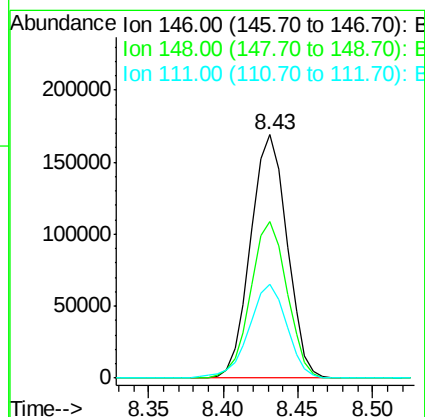
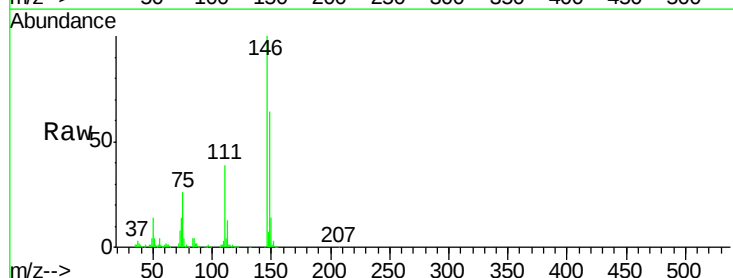
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

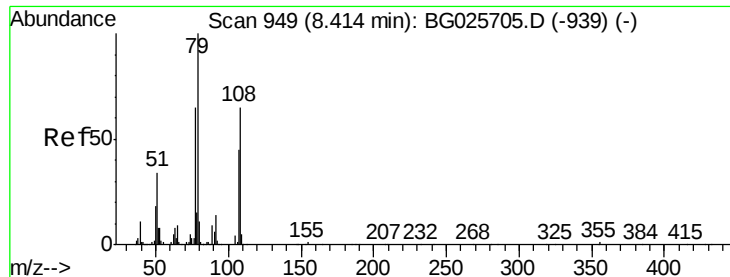
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	38.0	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 34.95 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.6	81.8
111	38.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

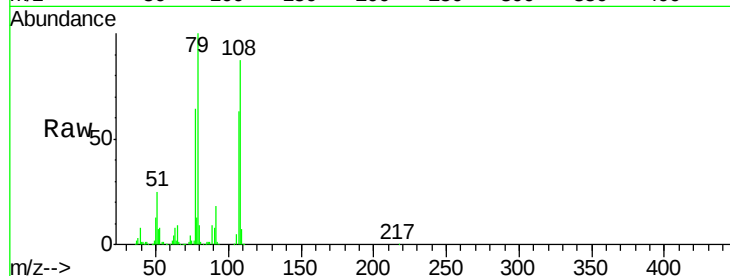
Tgt Ion: 79 Resp: 246312

Ion Ratio Lower Upper

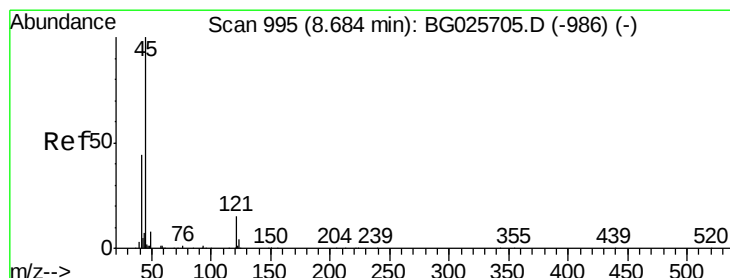
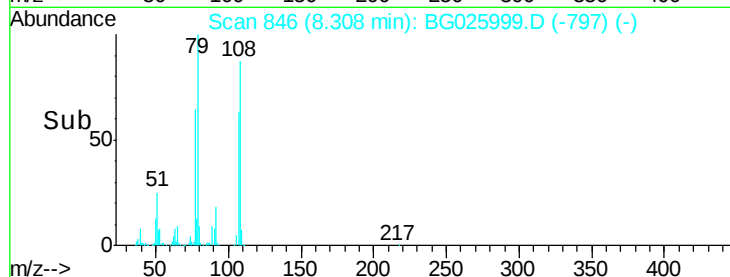
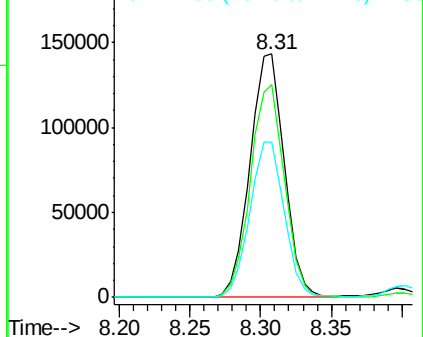
79 100

108 87.4 45.5 68.3#

77 64.0 54.3 81.5



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: 27.11 ng

RT: 8.61 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

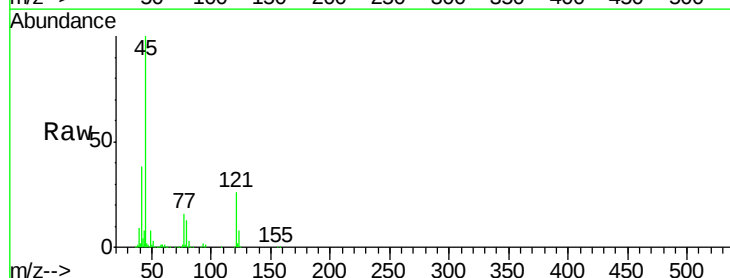
Tgt Ion: 45 Resp: 310111

Ion Ratio Lower Upper

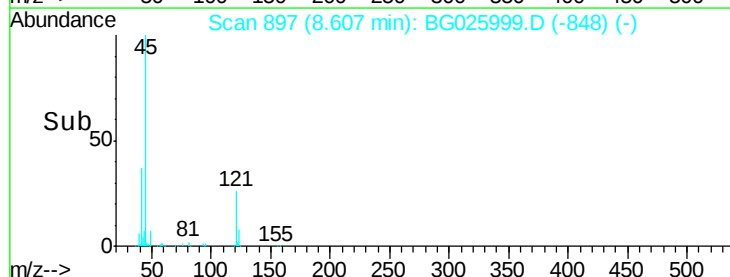
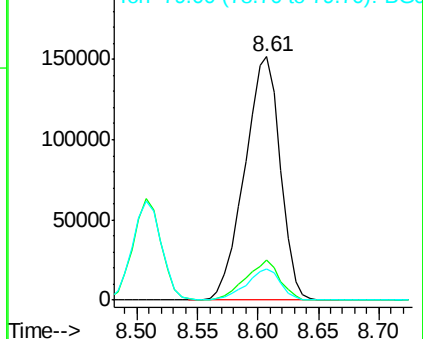
45 100

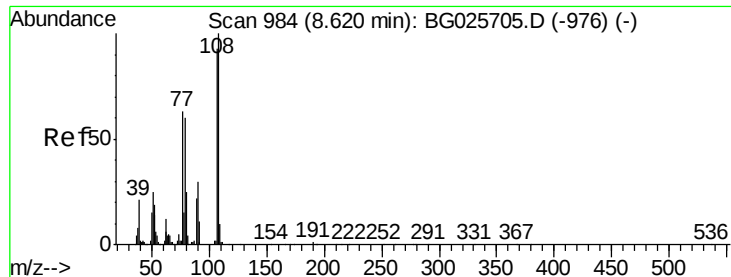
77 16.3 0.0 30.6

79 12.6 0.0 28.5



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





#17

2-Methylphenol

Concen: 38.68 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tgt Ion:107 Resp: 267239

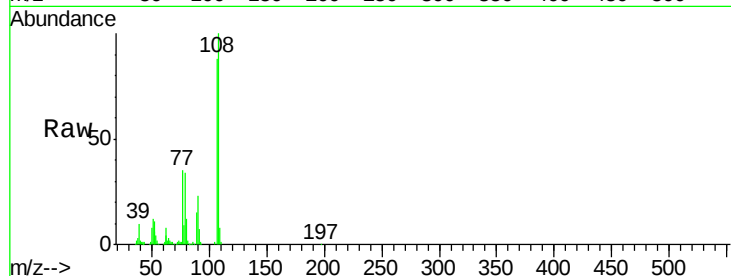
Ion Ratio Lower Upper

107 100

108 113.9 85.6 128.4

77 40.1 51.4 77.2#

79 39.2 49.2 73.8#

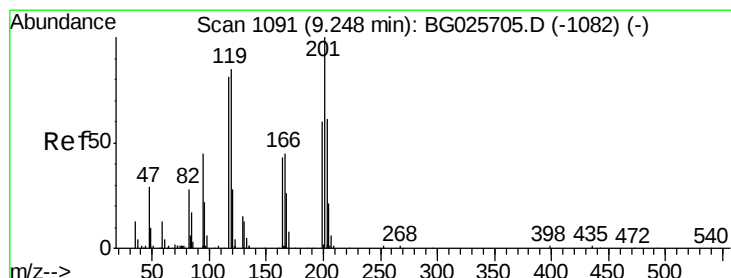
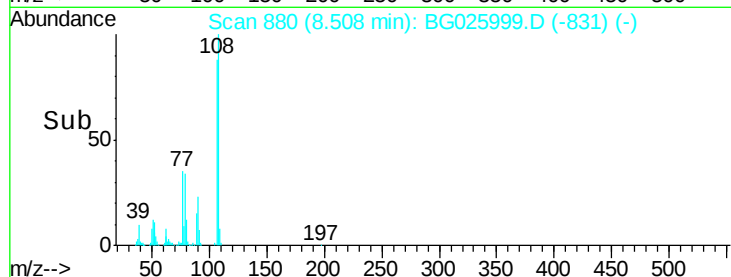
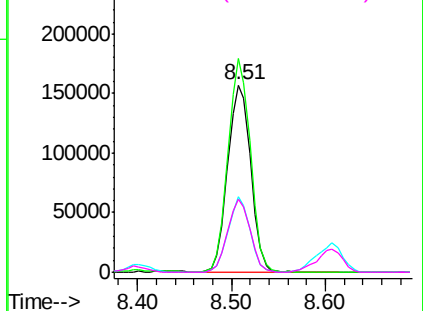


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.93 ng

RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

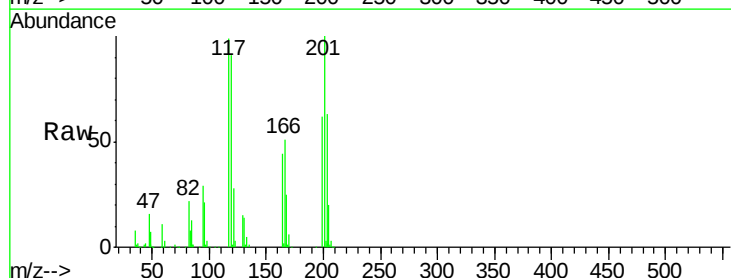
Tgt Ion:117 Resp: 93348

Ion Ratio Lower Upper

117 100

119 92.2 69.8 104.6

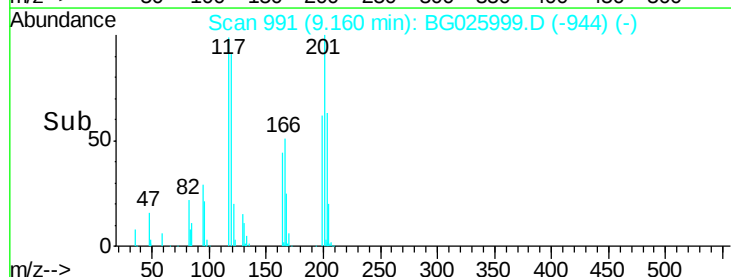
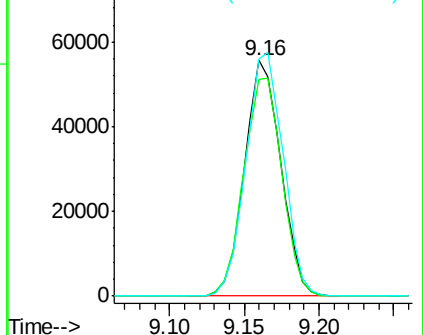
201 101.0 95.4 143.0

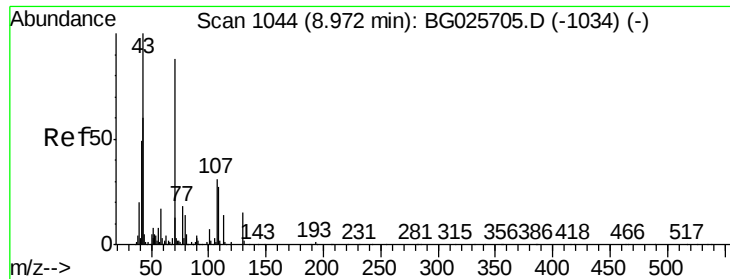


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

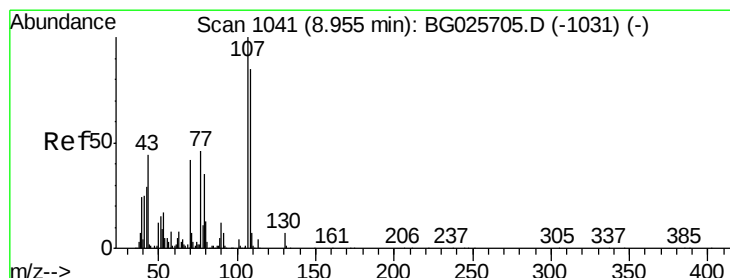
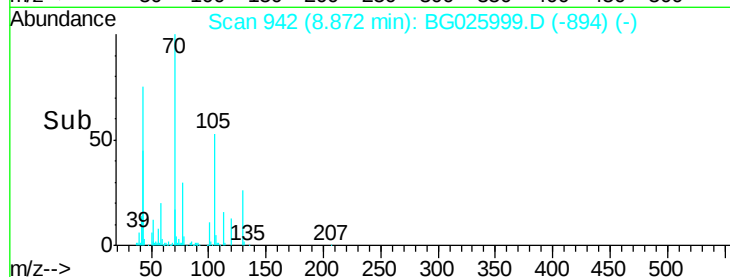
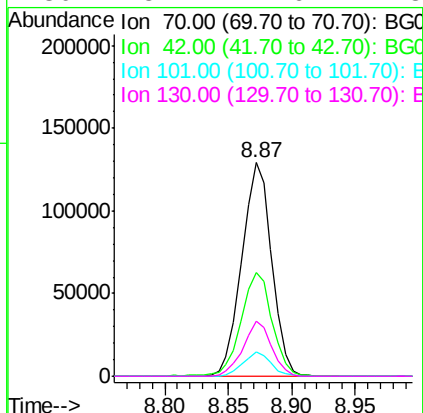
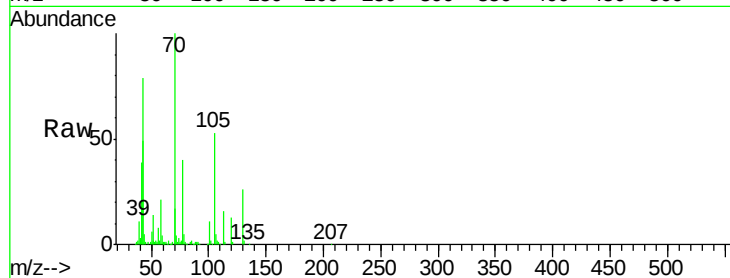




#19
n-Nitroso-di-n-propylamine
Concen: 32.75 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

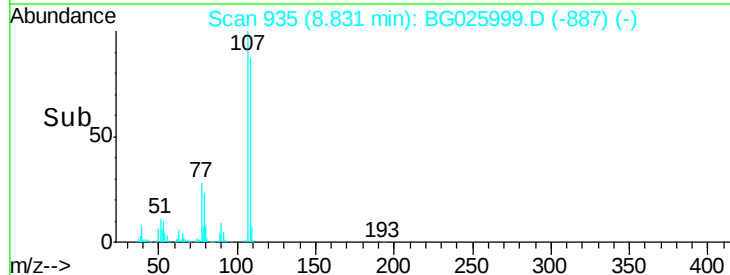
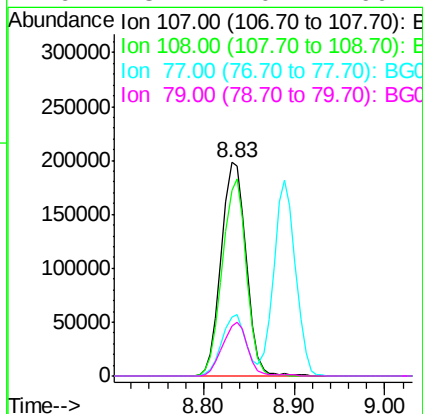
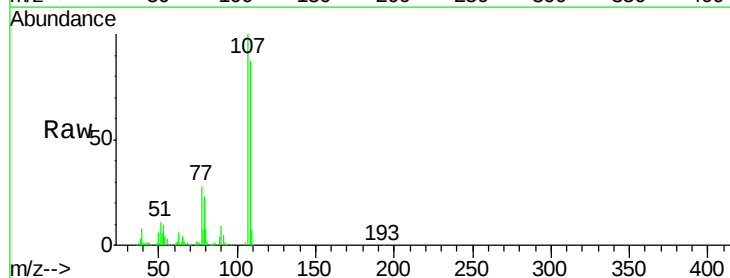
Instrument :
BNA_G
ClientSampleId :
PB97196BS

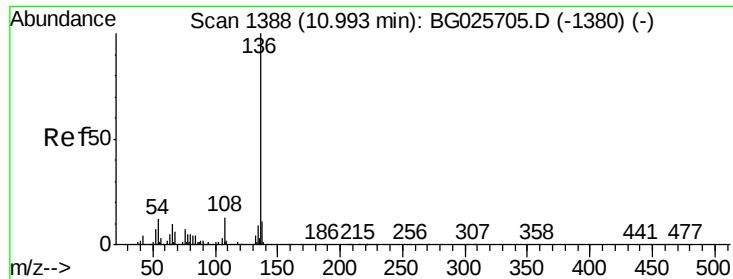
Tgt Ion:	70	Resp:	211102
Ion	Ratio	Lower	Upper
70	100		
42	48.7	56.1	84.1#
101	11.3	7.5	11.3
130	25.7	14.6	21.8#



#20
3+4-Methylphenols
Concen: 38.47 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:	107	Resp:	378752
Ion	Ratio	Lower	Upper
107	100		
108	86.7	70.8	110.8
77	27.8	25.8	65.8
79	23.4	20.1	60.1

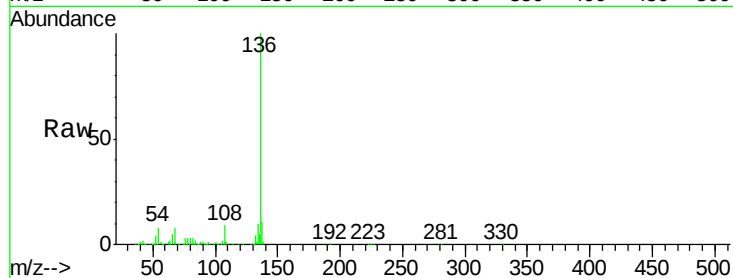




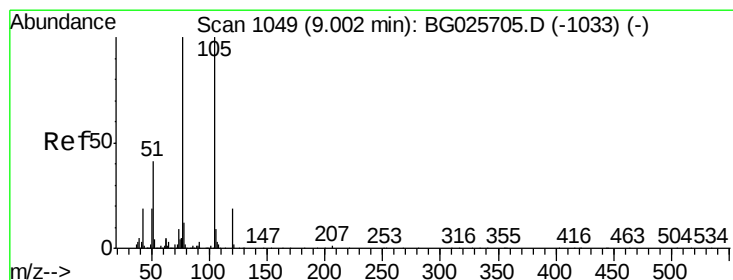
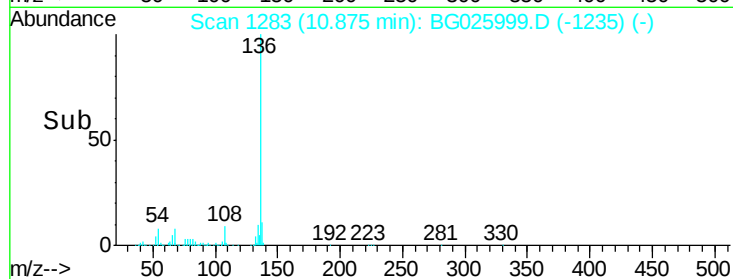
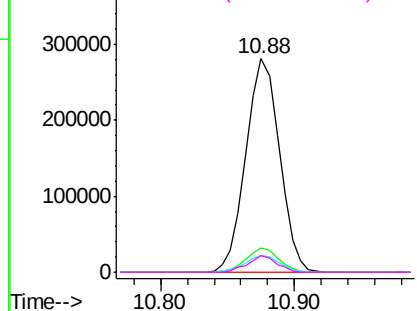
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion:	136	Resp:	489353
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	9.3	13.9#
68	7.7	5.1	7.7

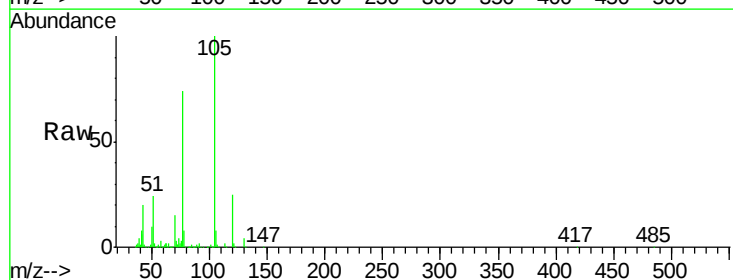


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

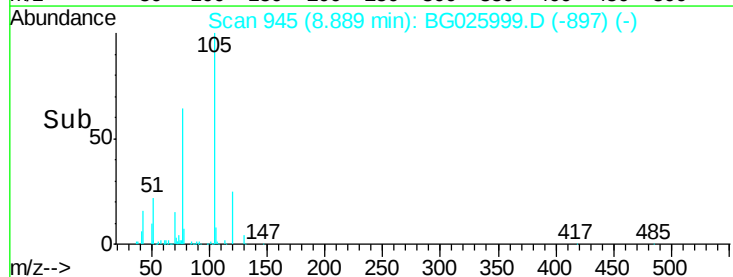
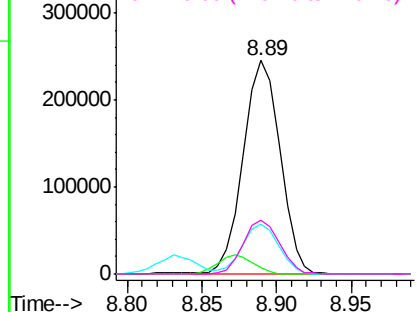


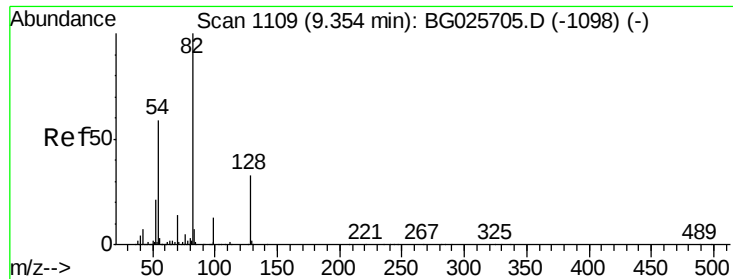
#22
Acetophenone
Concen: 35.71 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:	105	Resp:	419289
Ion	Ratio	Lower	Upper
105	100		
71	2.8	0.9	1.3#
51	23.5	34.0	51.0#
120	24.9	17.3	25.9



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

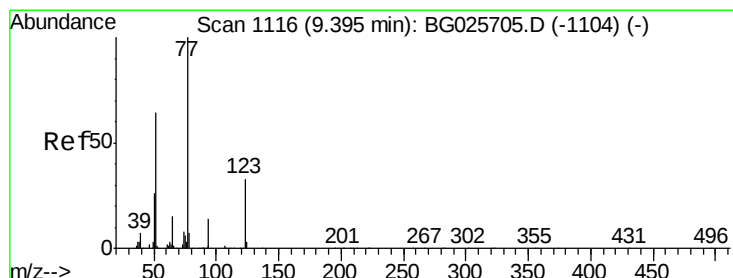
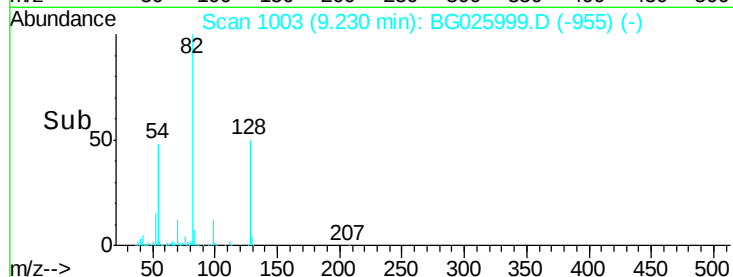
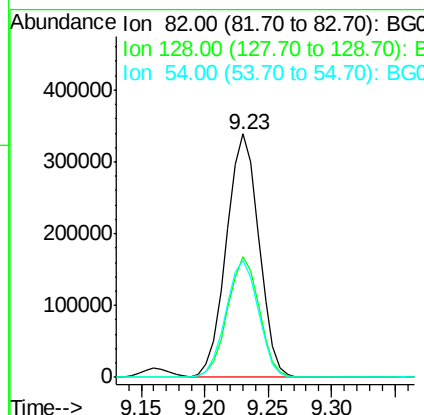
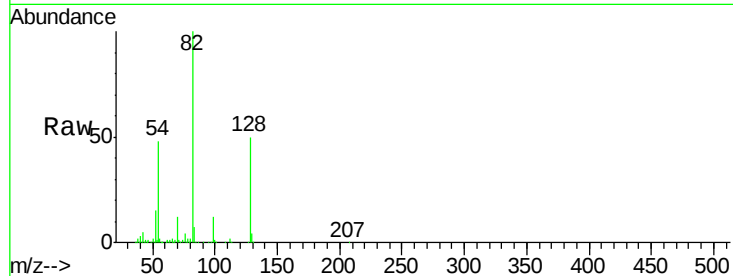




#23
 Nitrobenzene-d5
 Concen: 77.30 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

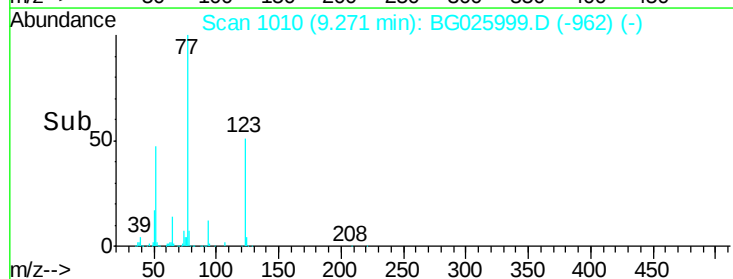
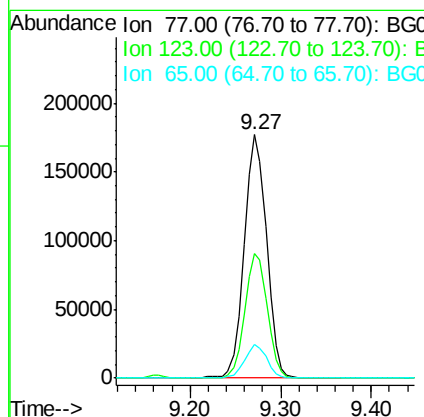
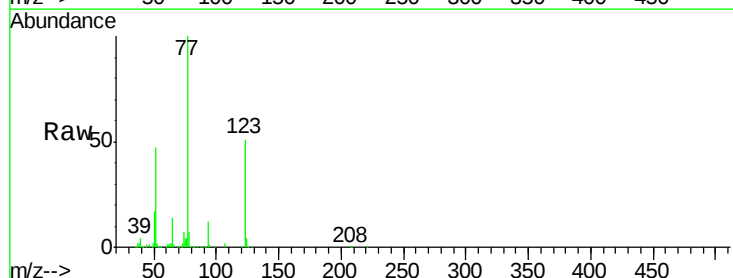
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

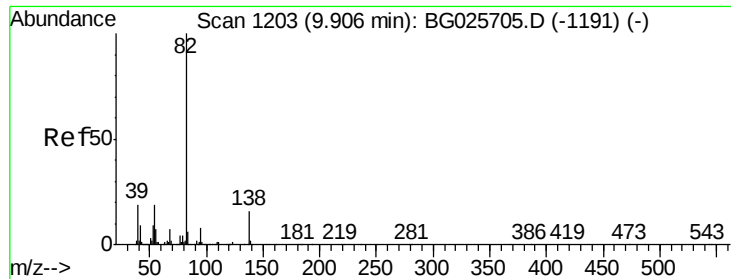
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	26.4	39.6#
54	47.9	49.4	74.2#



#24
 Nitrobenzene
 Concen: 36.00 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	26.1	39.1#
65	13.8	12.4	18.6

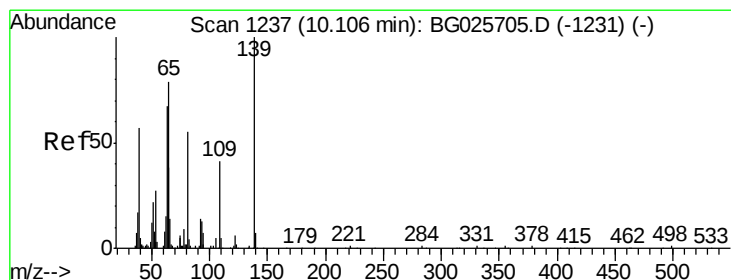
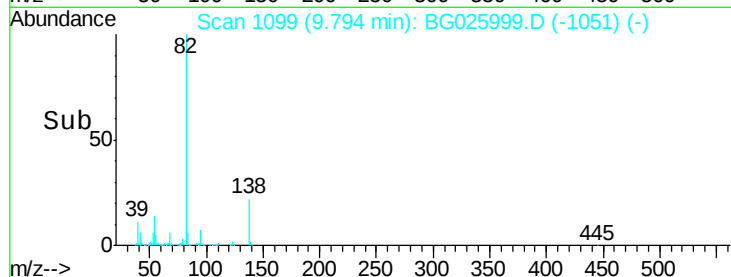
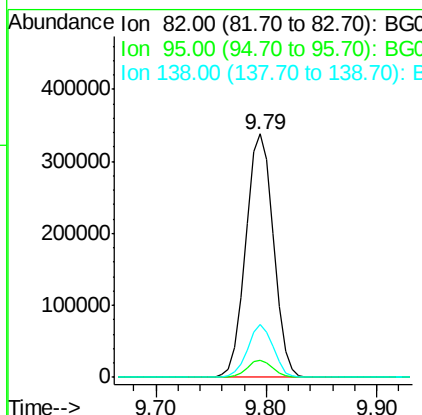
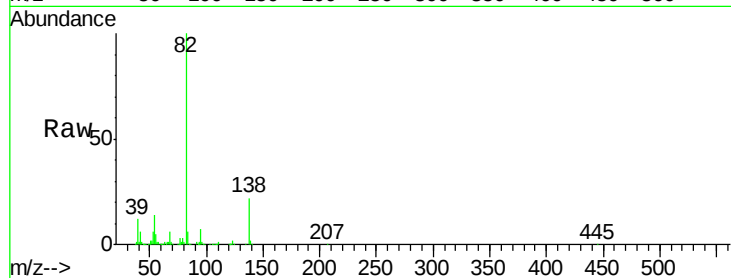




#25
Isophorone
Concen: 34.87 ng
RT: 9.79 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

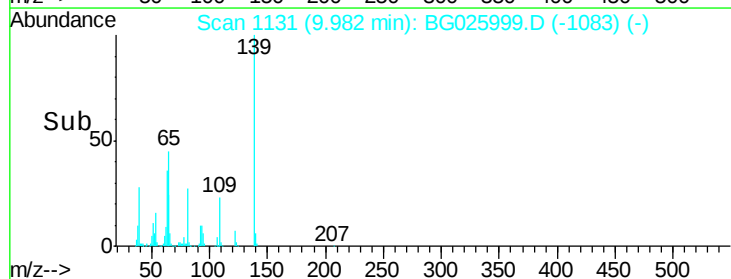
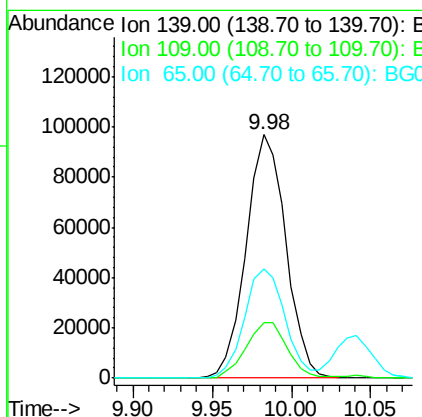
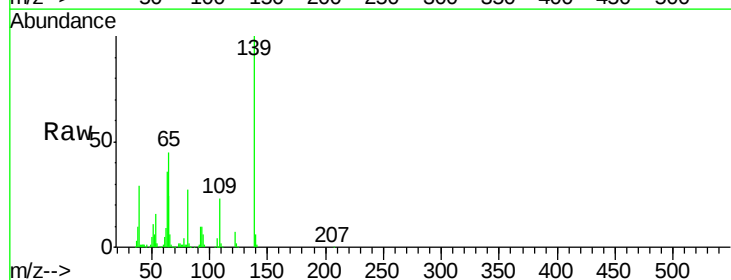
Instrument :
BNA_G
ClientSampleId :
PB97196BS

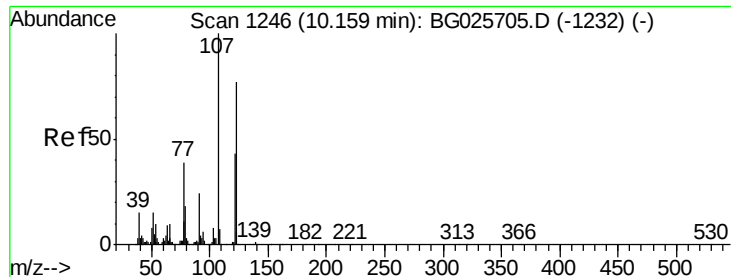
Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	7.5	11.3#
138	21.8	12.3	18.5#



#26
2-Nitrophenol
Concen: 43.03 ng
RT: 9.98 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.0	38.6	58.0#
65	44.8	57.1	85.7#

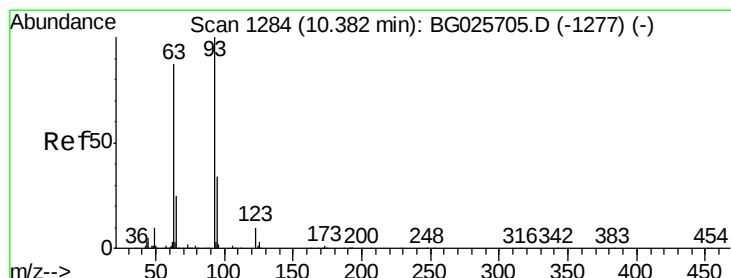
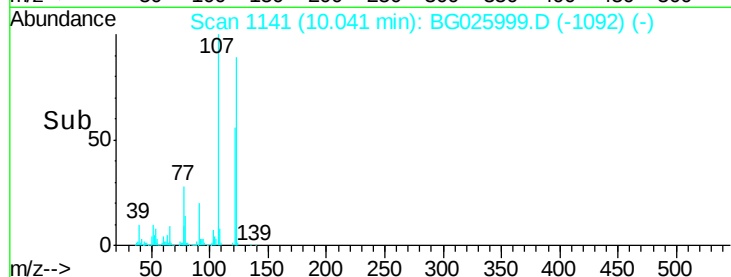
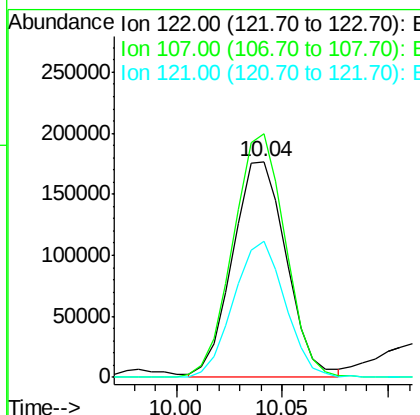
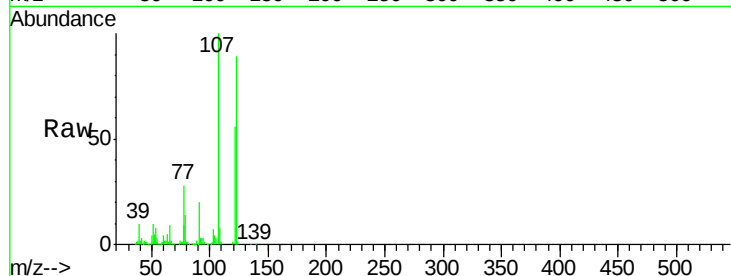




#27
 2,4-Dimethylphenol
 Concen: 42.55 ng
 RT: 10.04 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

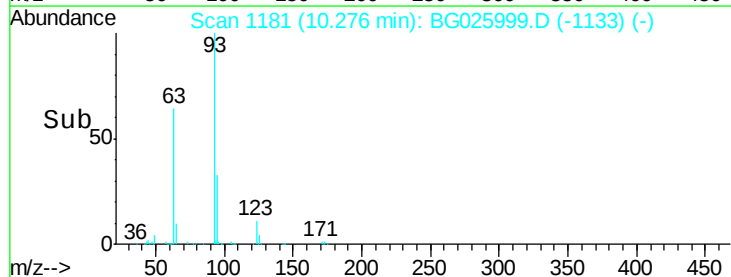
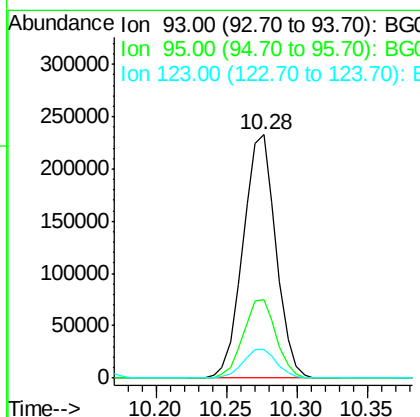
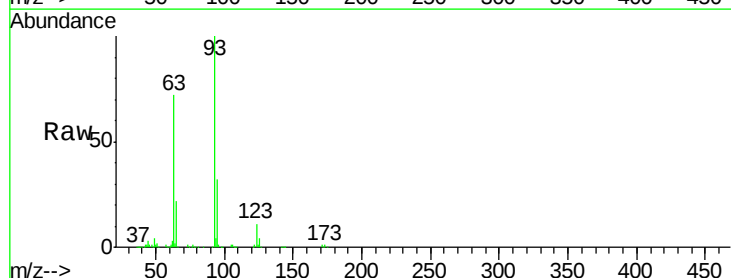
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

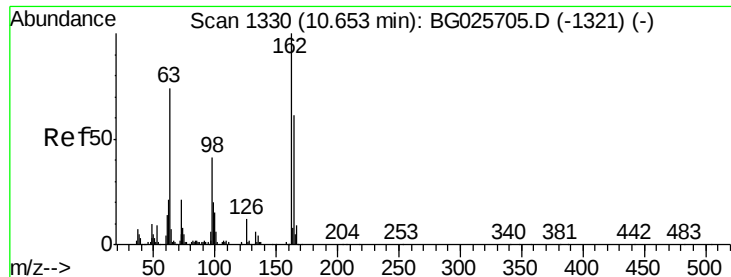
Tgt Ion: 122 Resp: 311375
 Ion Ratio Lower Upper
 122 100
 107 112.7 104.2 156.4
 121 62.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.99 ng
 RT: 10.28 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion: 93 Resp: 378391
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.7 38.5
 123 11.5 8.3 12.5

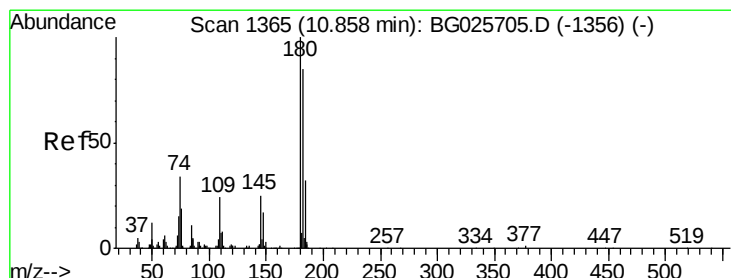
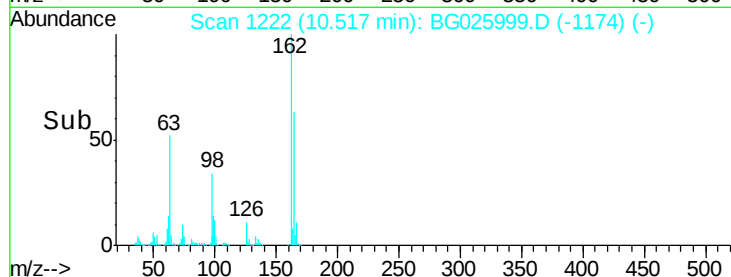
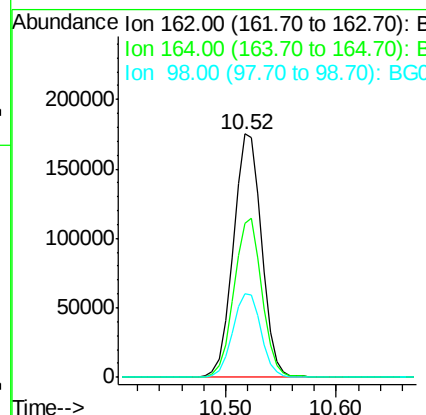
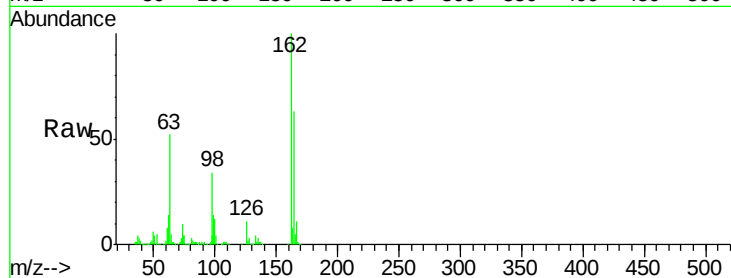




#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

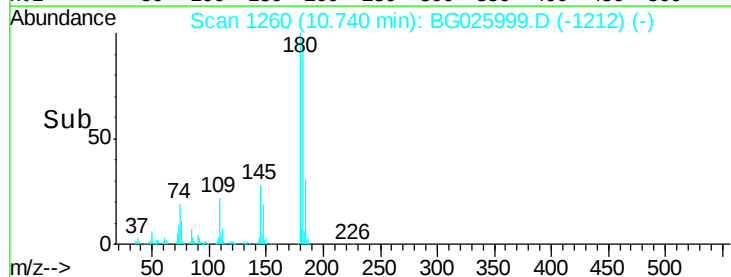
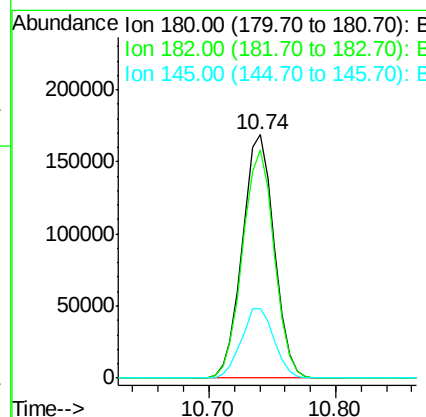
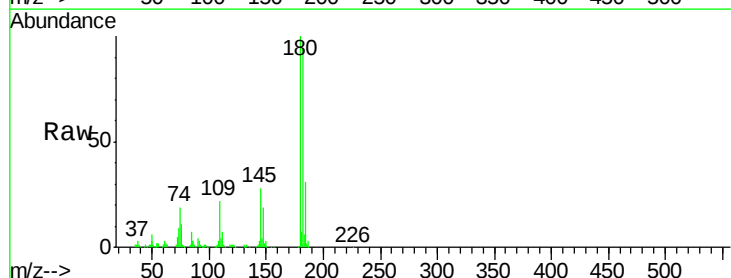
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

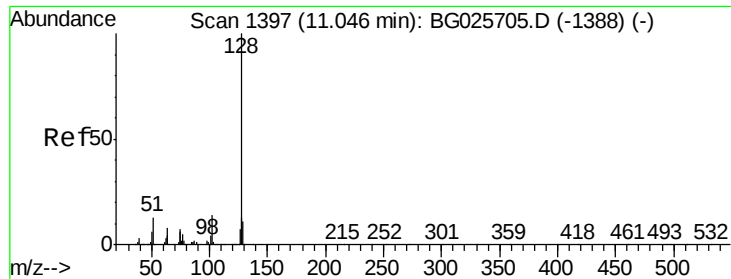
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.4	82.4
98	34.4	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.62 ng
 RT: 10.74 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.0	115.4
145	28.5	23.4	35.0

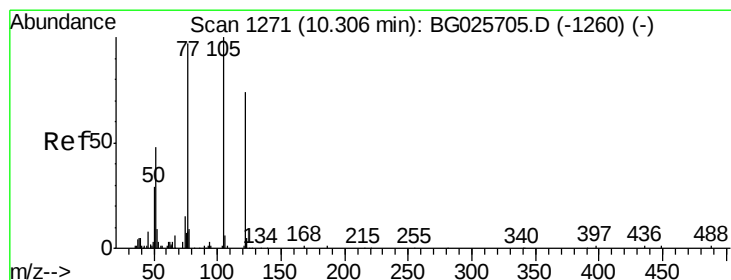
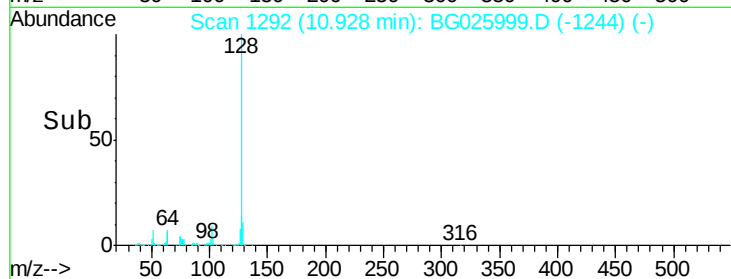
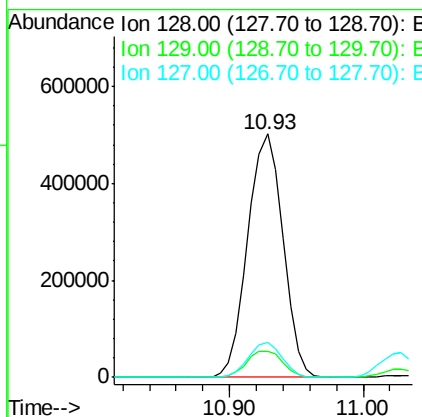
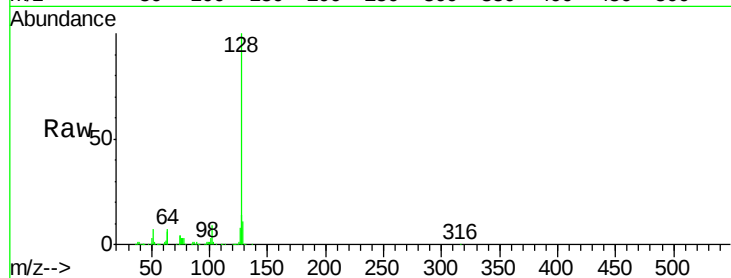




#31
Naphthalene
Concen: 36.21 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

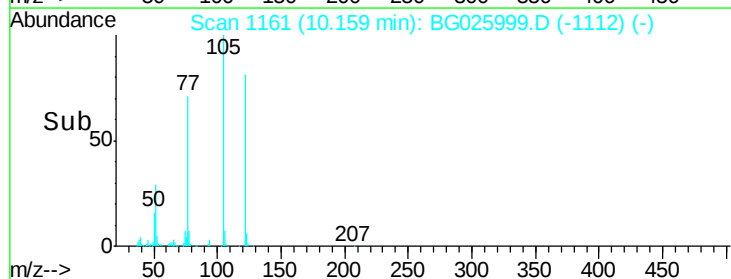
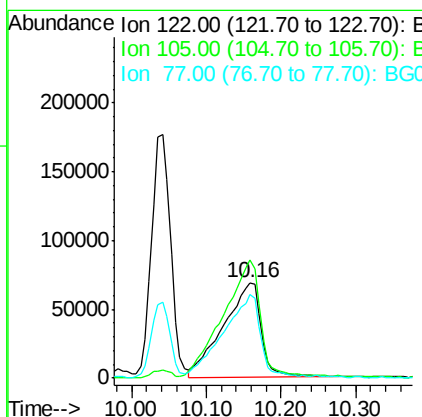
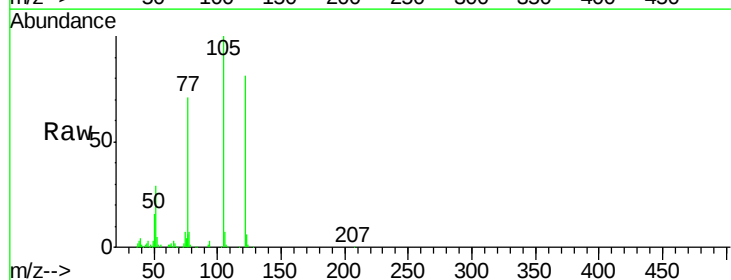
Instrument :
BNA_G
ClientSampleId :
PB97196BS

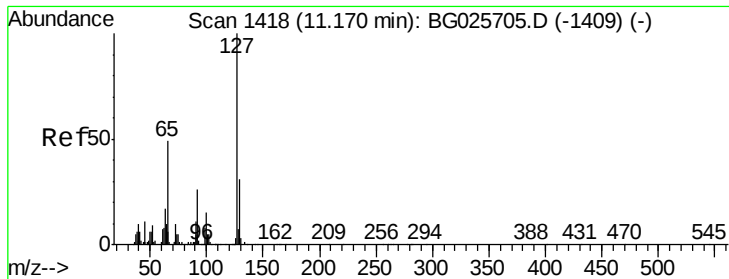
Tgt Ion:128 Resp: 916039
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 43.06 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:122 Resp: 240620
Ion Ratio Lower Upper
122 100
105 123.5 120.1 160.1
77 87.6 104.6 144.6#

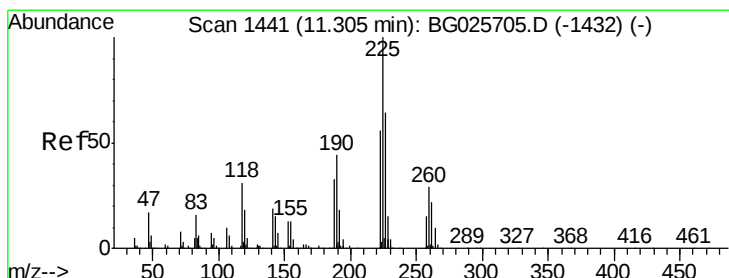
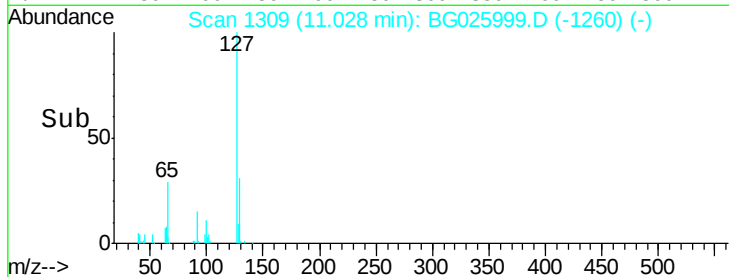
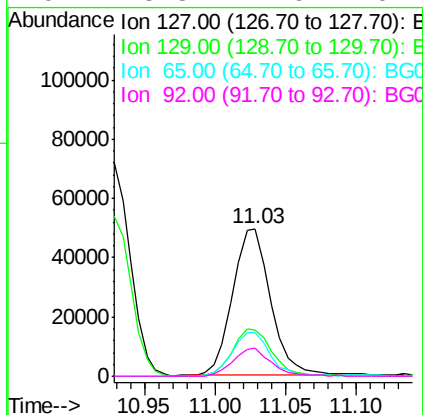
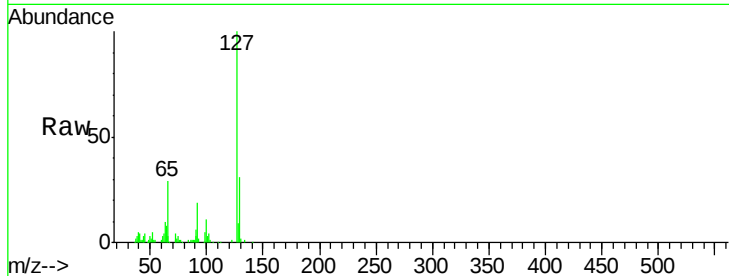




#33
4-Chloroaniline
Concen: 8.54 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

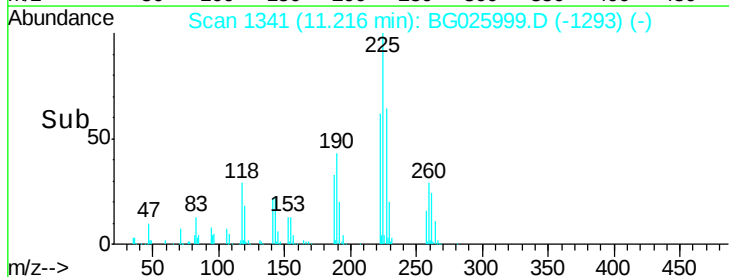
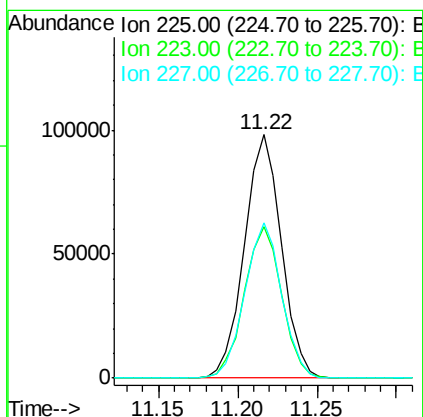
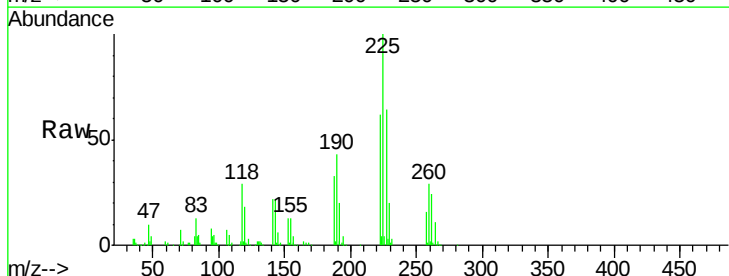
Instrument :
BNA_G
ClientSampleId :
PB97196BS

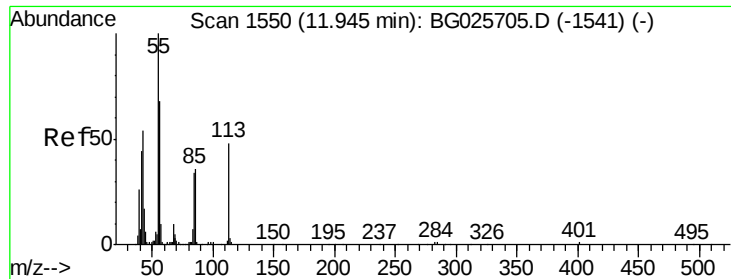
Tgt Ion:	127	Resp:	93852
Ion	Ratio	Lower	Upper
127	100		
129	31.4	23.6	35.4
65	29.1	37.7	56.5#
92	18.8	17.6	26.4



#34
Hexachlorobutadiene
Concen: 36.82 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:	225	Resp:	159144
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	63.8	49.0	73.6

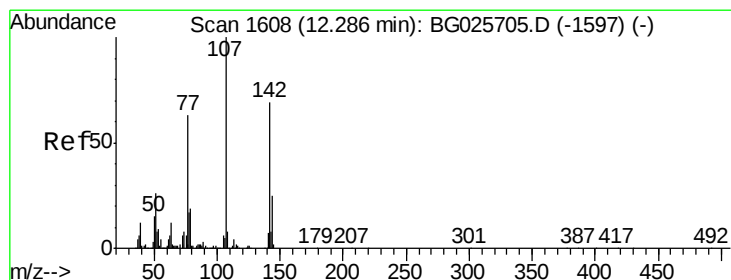
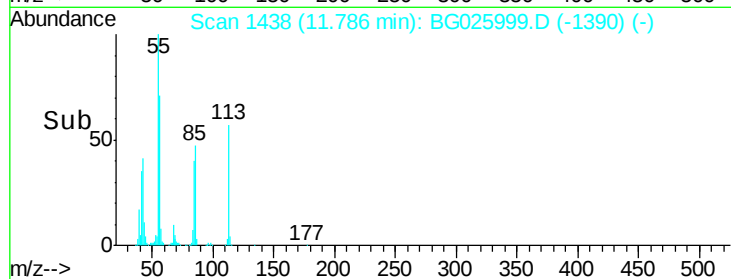
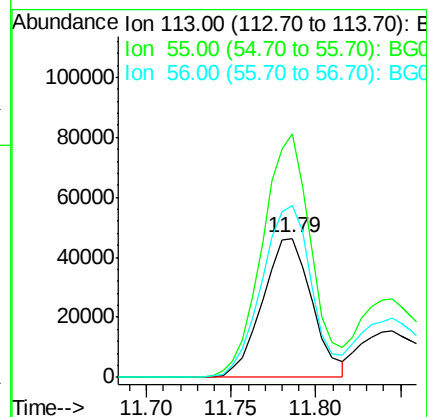
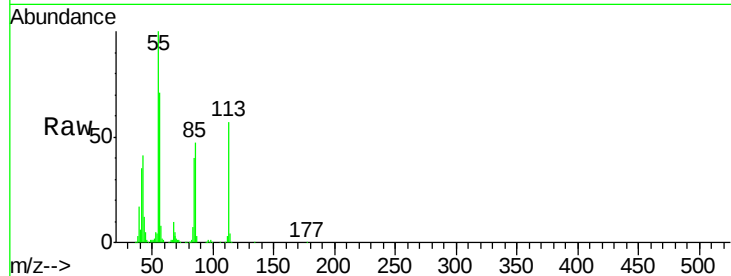




#35
 Caprolactam
 Concen: 33.27 ng
 RT: 11.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

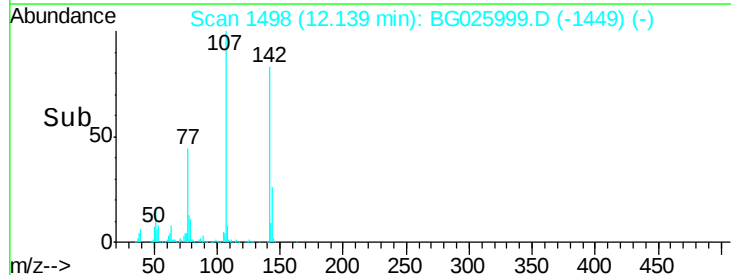
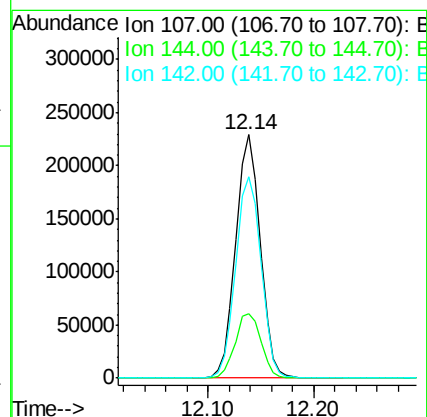
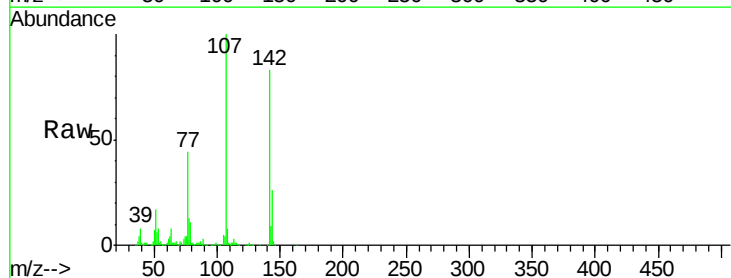
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

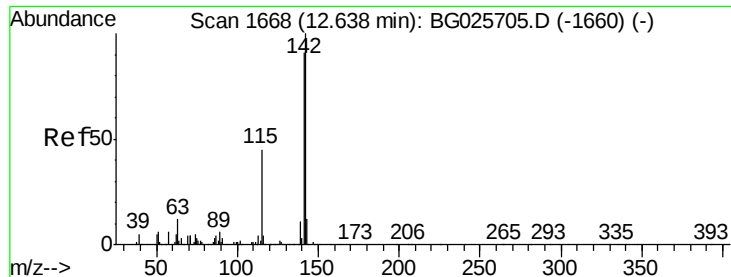
Tgt Ion:113 Resp: 93835
 Ion Ratio Lower Upper
 113 100
 55 175.4 198.6 238.6#
 56 123.9 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 44.16 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:107 Resp: 369059
 Ion Ratio Lower Upper
 107 100
 144 26.4 17.4 26.0#
 142 82.7 54.1 81.1#

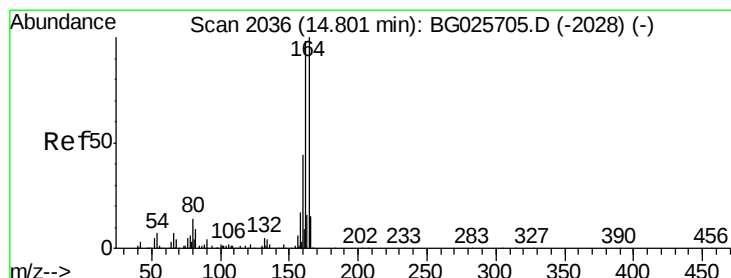
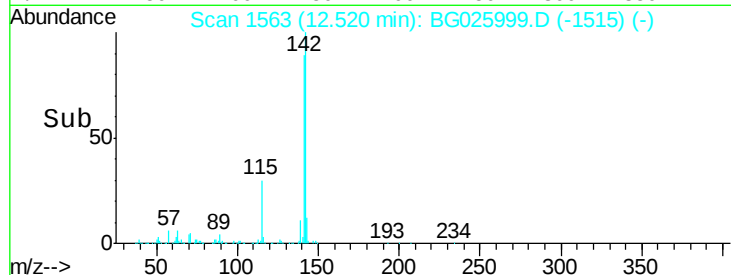
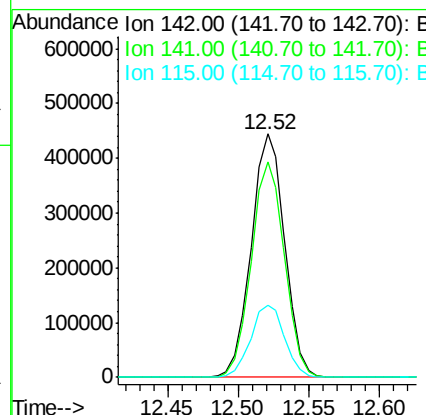
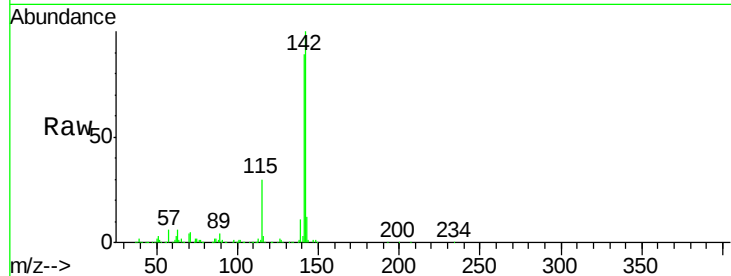




#37
 2-Methylnaphthalene
 Concen: 38.30 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

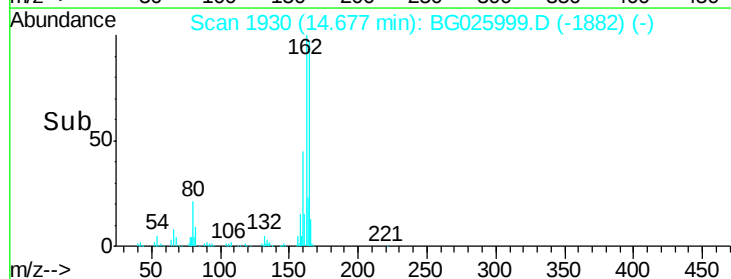
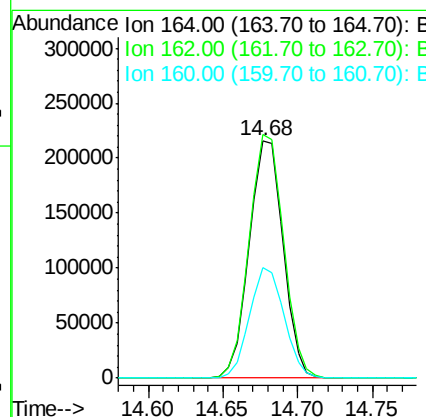
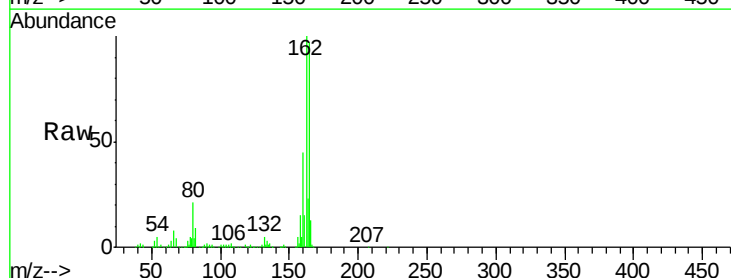
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

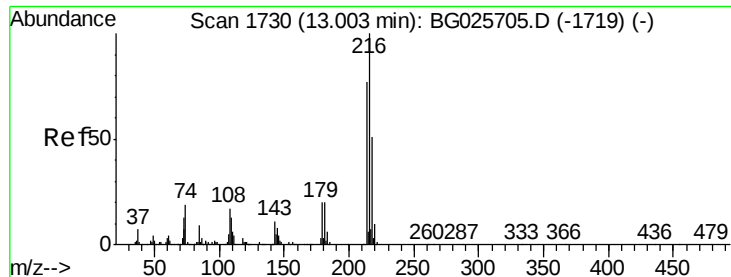
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	29.8	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	46.4	34.7	52.1

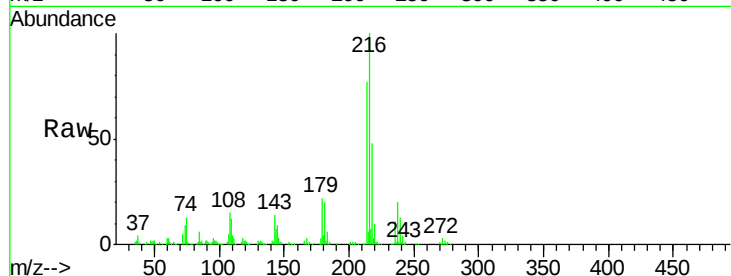




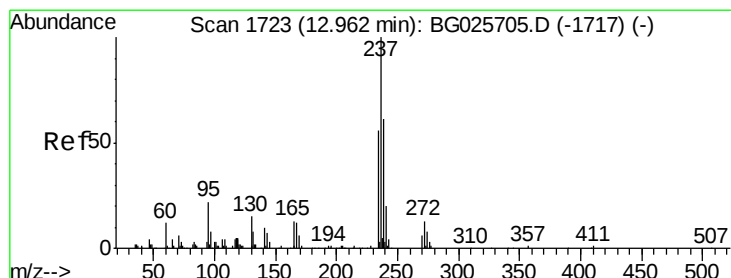
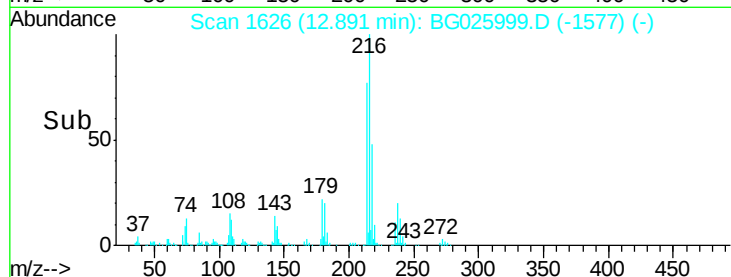
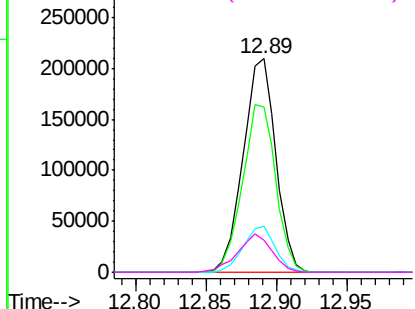
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.10 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion:	216	Resp:	339440
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.4	96.6
179	21.3	17.4	26.0
108	18.7	15.6	23.4

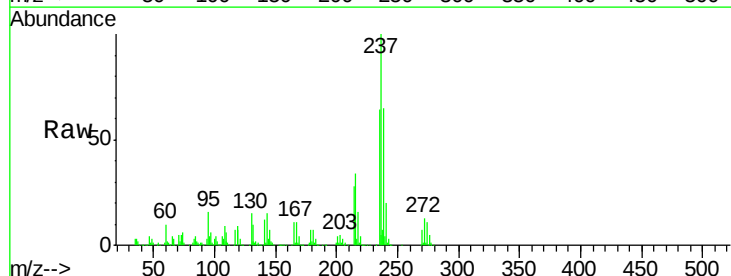


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

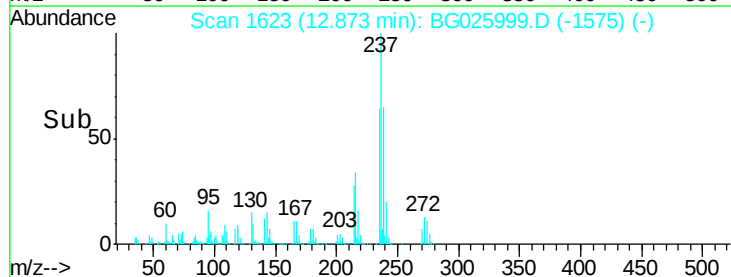
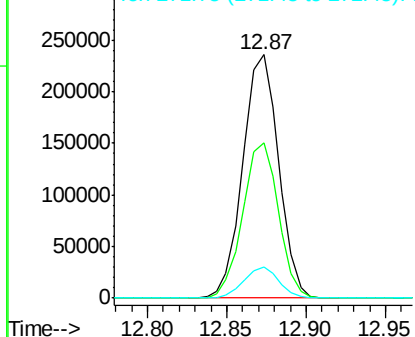


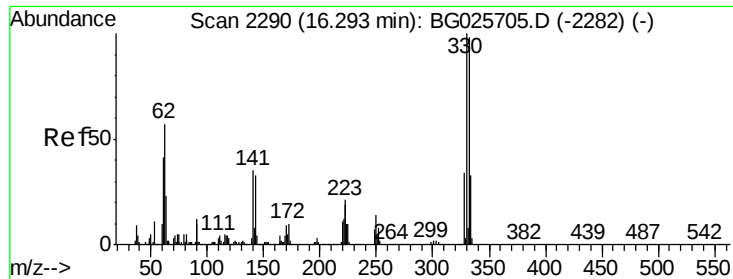
#40
 Hexachlorocyclopentadiene
 Concen: 79.96 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:	237	Resp:	370400
Ion	Ratio	Lower	Upper
237	100		
235	64.0	39.4	79.4
272	12.9	0.0	32.0



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

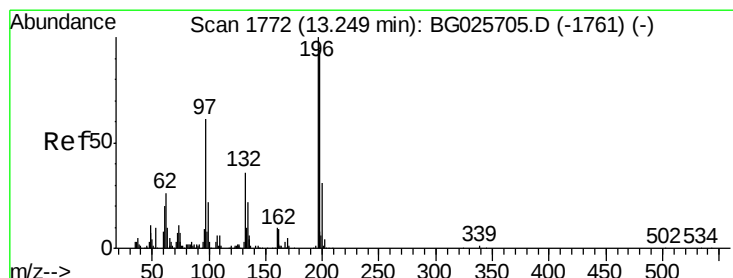
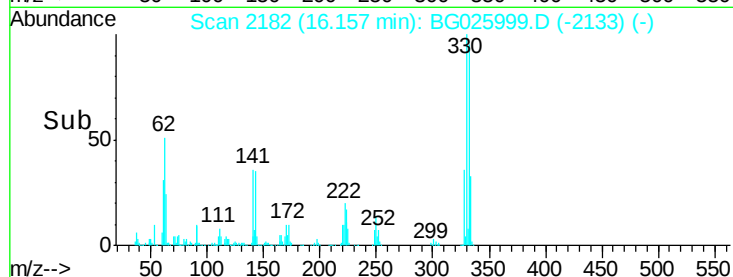
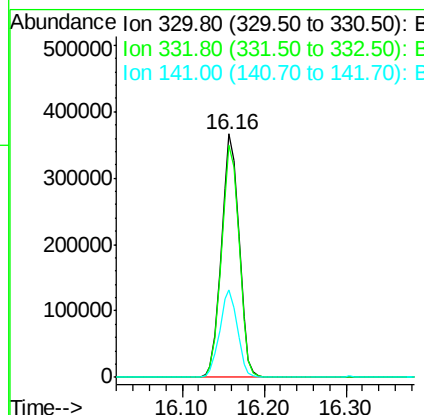
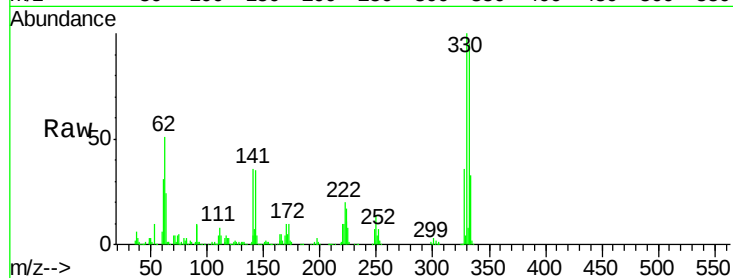




#41
 2,4,6-Tribromophenol
 Concen: 176.97 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

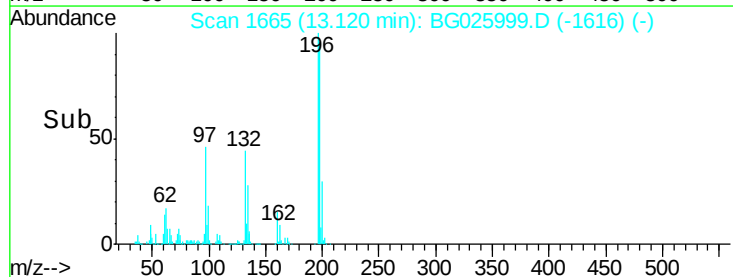
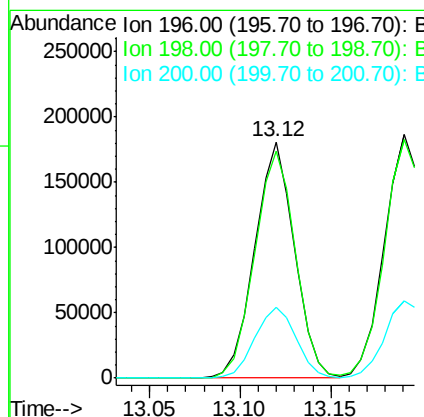
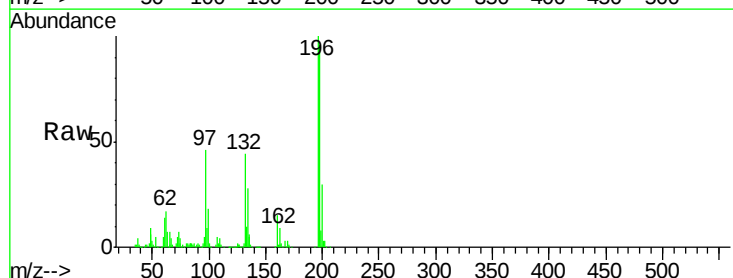
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

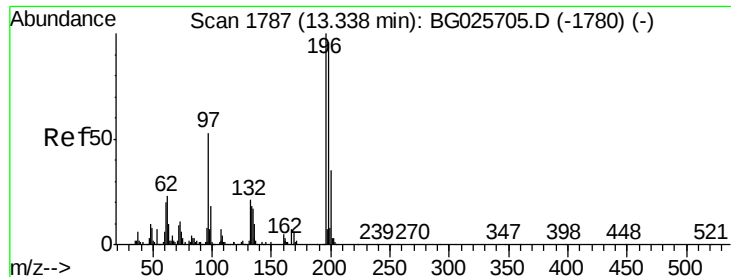
Tgt Ion: 330 Resp: 552245
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 36.0 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 50.37 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion: 196 Resp: 275406
 Ion Ratio Lower Upper
 196 100
 198 95.9 81.4 122.2
 200 29.8 27.0 40.6

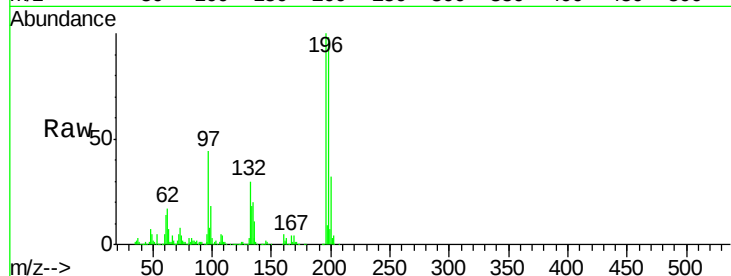




#43
 2,4,5-Trichlorophenol
 Concen: 47.91 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.9	119.9
97	44.4	45.4	68.0
132	29.9	20.7	31.1



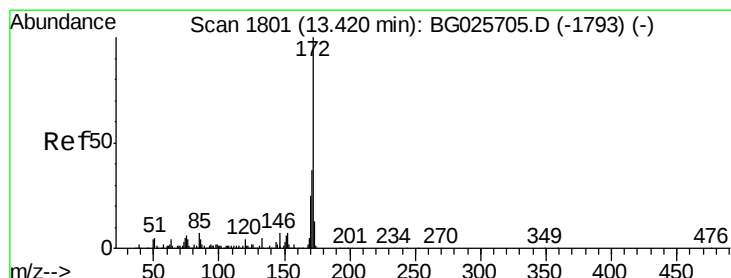
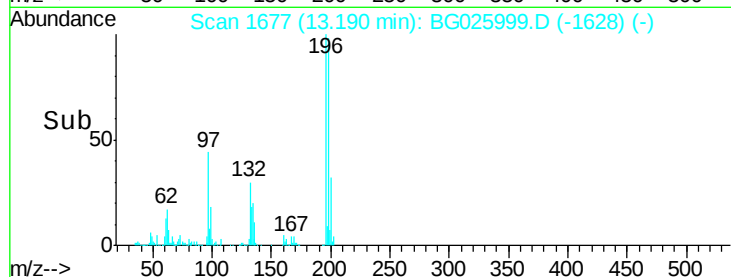
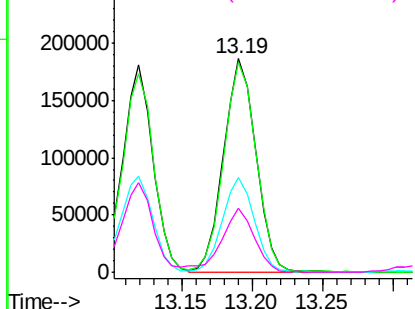
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

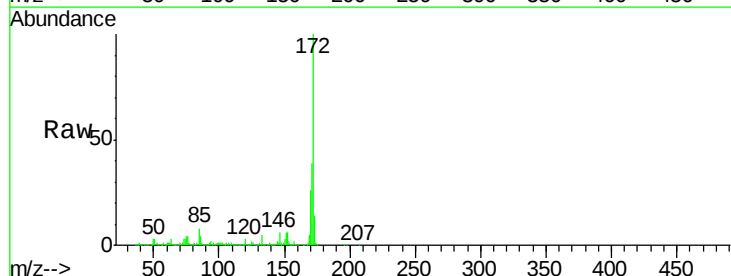
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.02 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.8	21.8	32.6

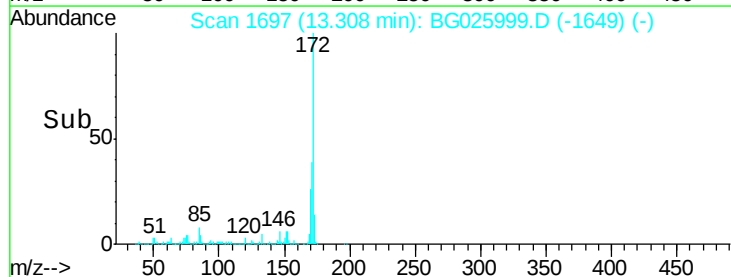
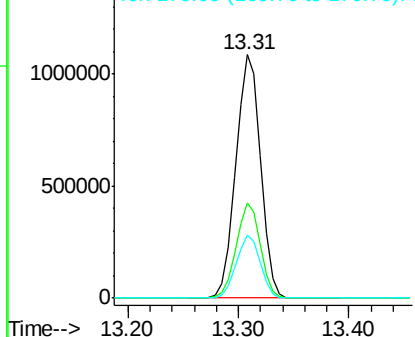


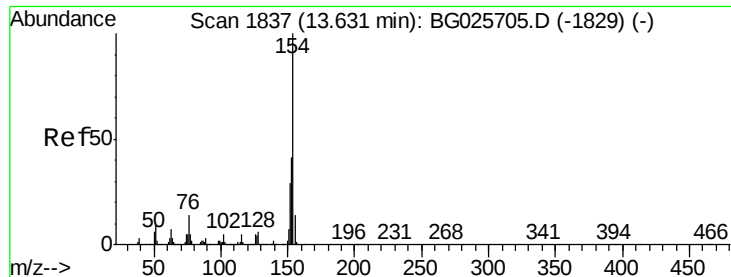
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

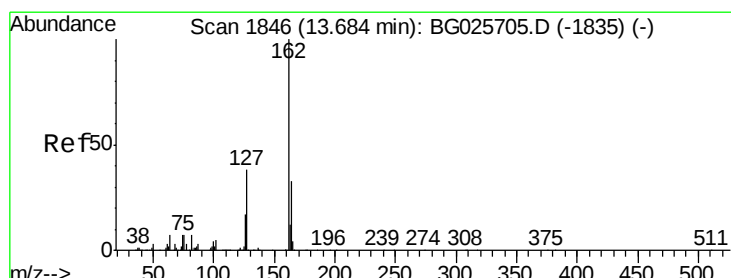
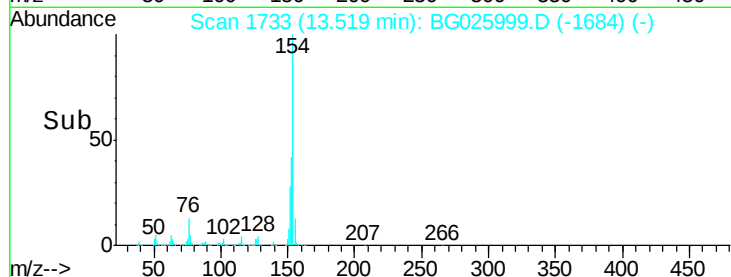
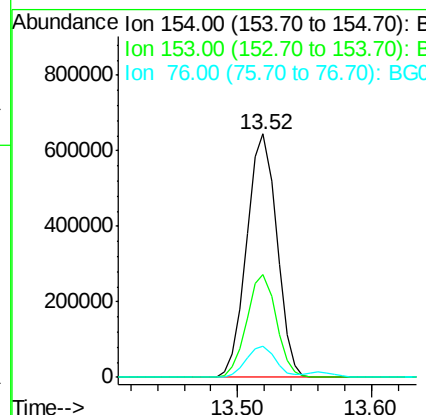
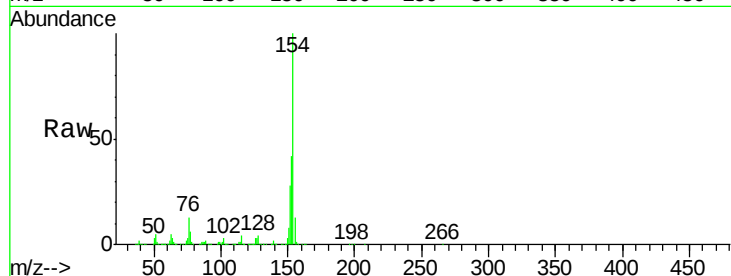




#45
 1,1'-Biphenyl
 Concen: 40.86 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

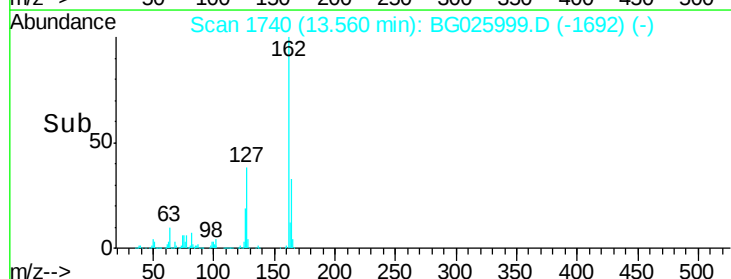
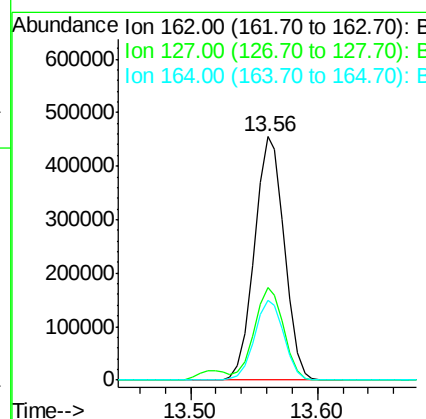
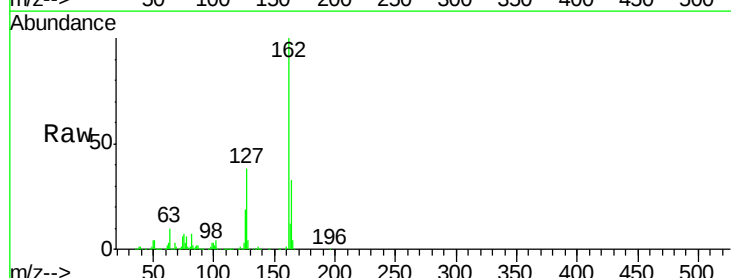
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

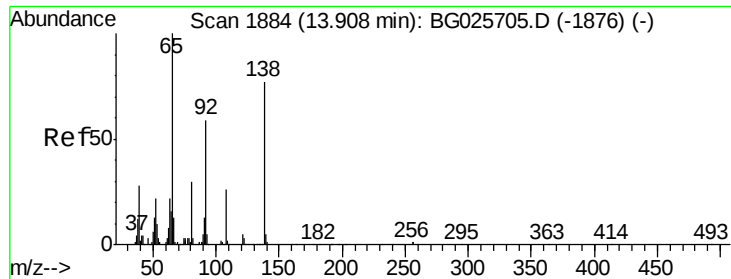
Tgt Ion:154 Resp: 1000172
 Ion Ratio Lower Upper
 154 100
 153 42.1 23.0 63.0
 76 12.6 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 42.06 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:162 Resp: 744291
 Ion Ratio Lower Upper
 162 100
 127 38.0 32.2 48.4
 164 32.9 27.3 40.9

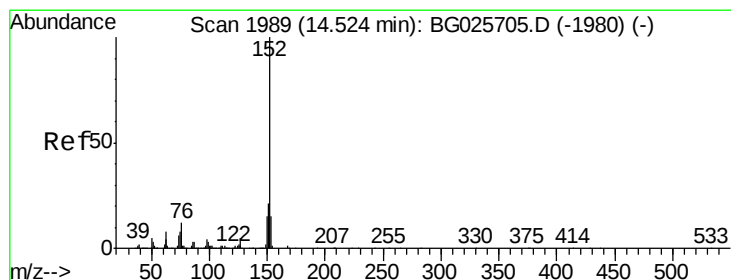
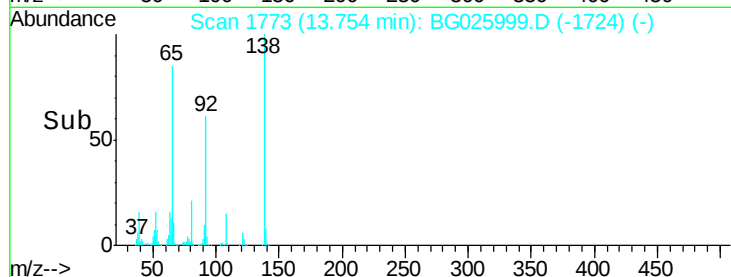
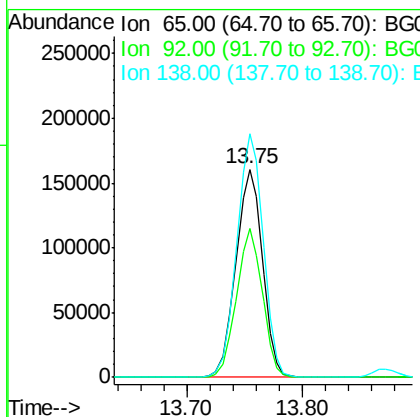
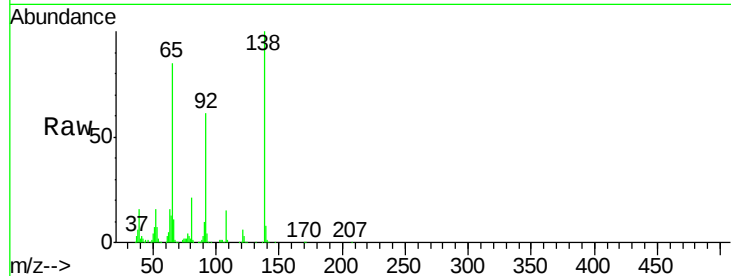




#47
2-Nitroaniline
Concen: 45.58 ng
RT: 13.75 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

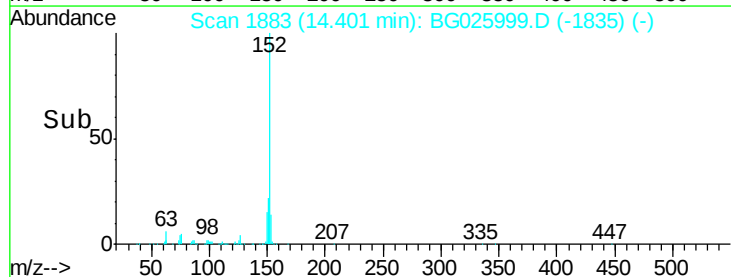
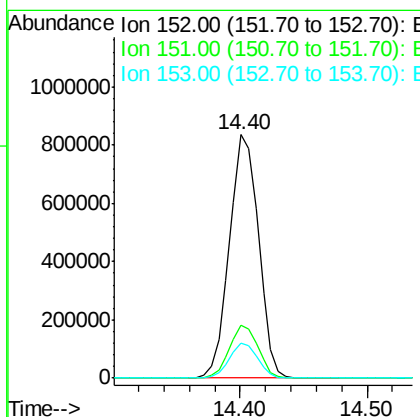
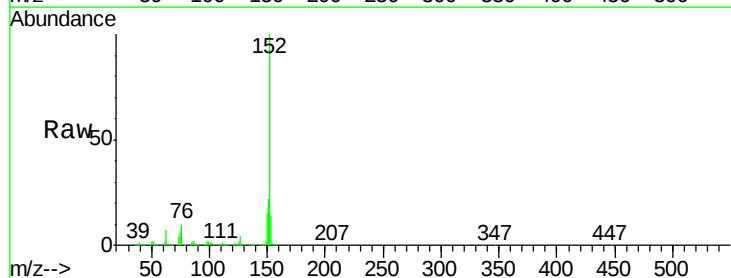
Instrument :
BNA_G
ClientSampleId :
PB97196BS

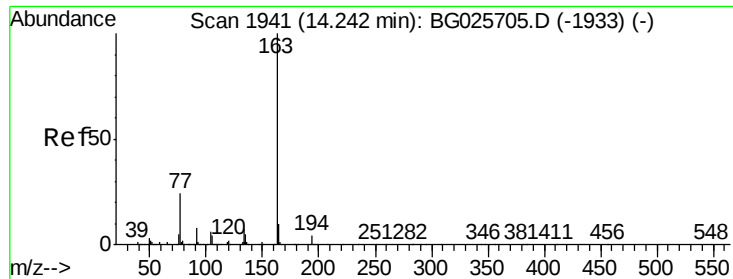
Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	49.0	73.4
138	117.1	58.6	87.8



#48
Acenaphthylene
Concen: 41.98 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.2	27.2
153	14.3	11.3	16.9





#49

Dimethylphthalate

Concen: 45.90 ng

RT: 14.13 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

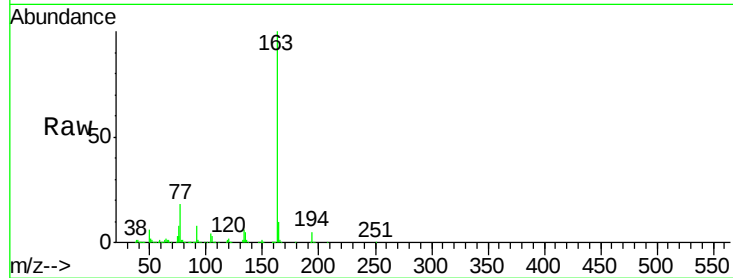
Tgt Ion:163 Resp: 1063680

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

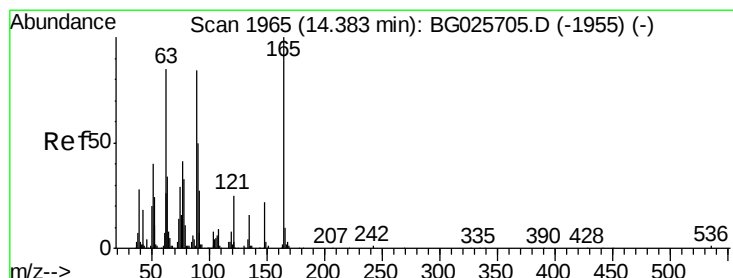
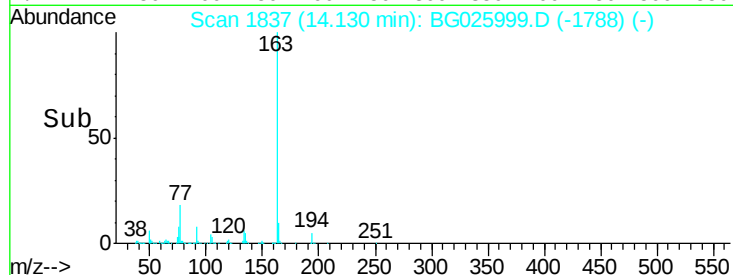
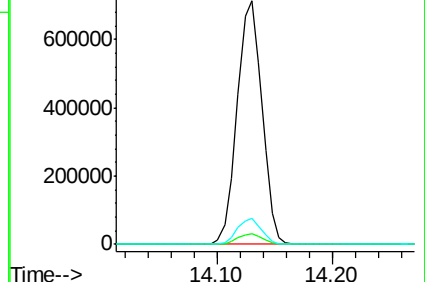
164 10.4 9.3 13.9



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: 48.57 ng

RT: 14.25 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

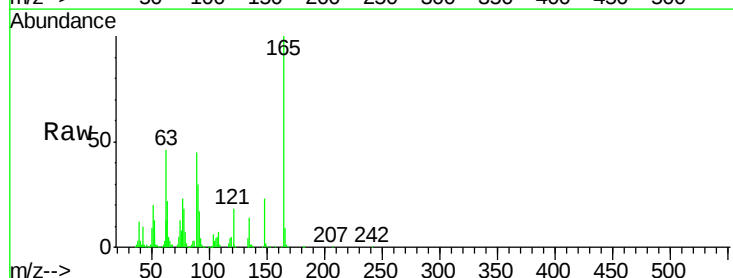
Tgt Ion:165 Resp: 252797

Ion Ratio Lower Upper

165 100

63 45.8 63.9 95.9#

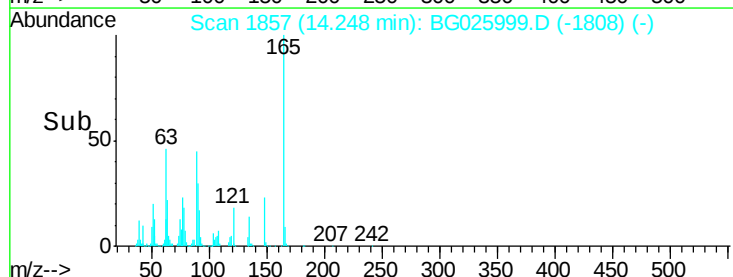
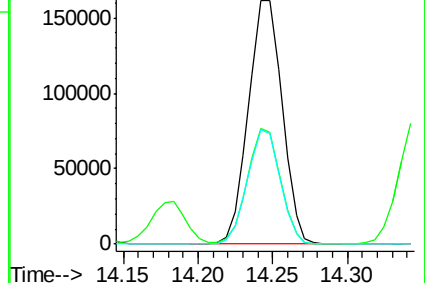
89 45.4 58.6 88.0#

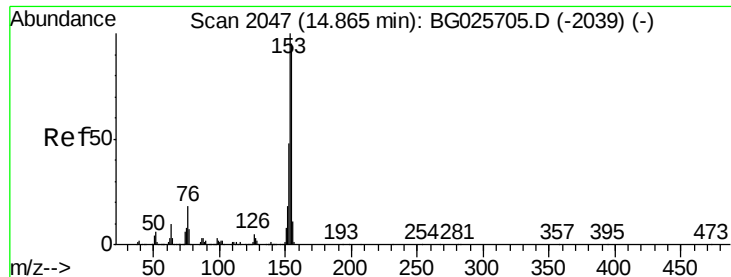


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.69 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

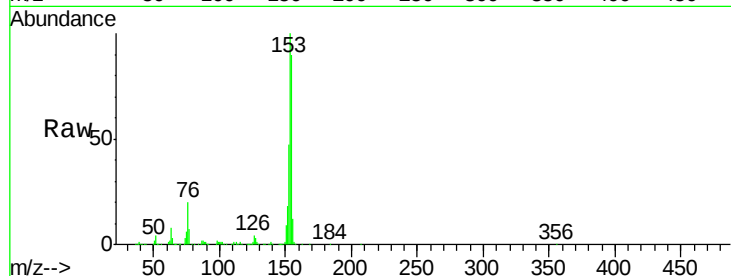
Tgt Ion:154 Resp: 867414

Ion Ratio Lower Upper

154 100

153 111.5 87.8 131.6

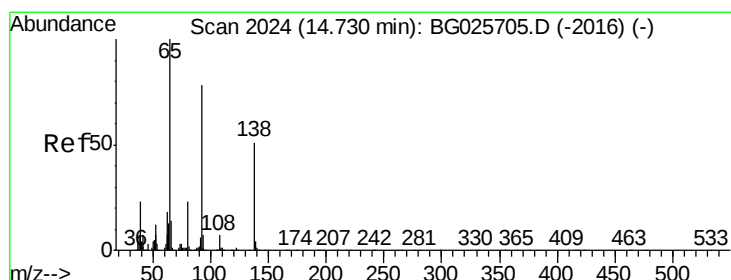
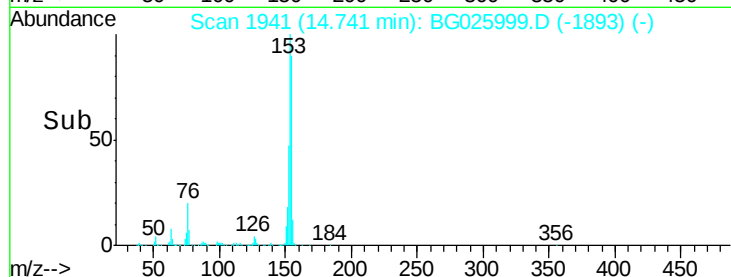
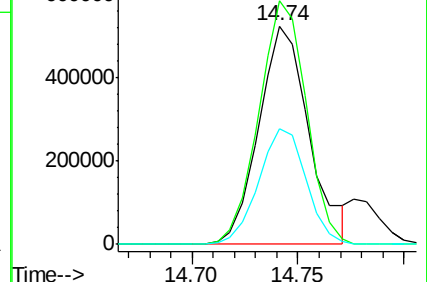
152 52.8 42.2 63.4



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: 21.63 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

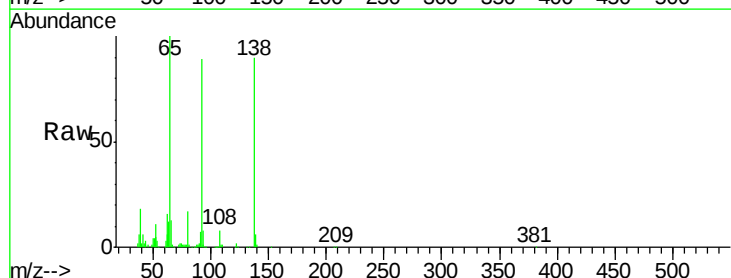
Tgt Ion:138 Resp: 125945

Ion Ratio Lower Upper

138 100

108 8.8 10.9 16.3#

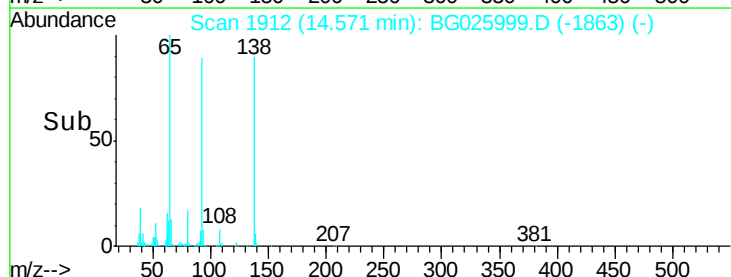
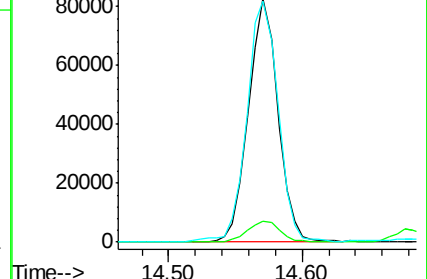
92 99.2 115.3 172.9#

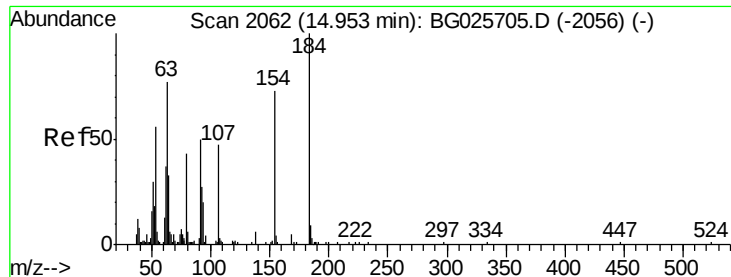


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

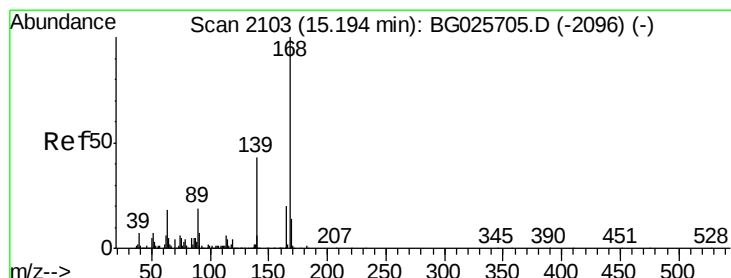
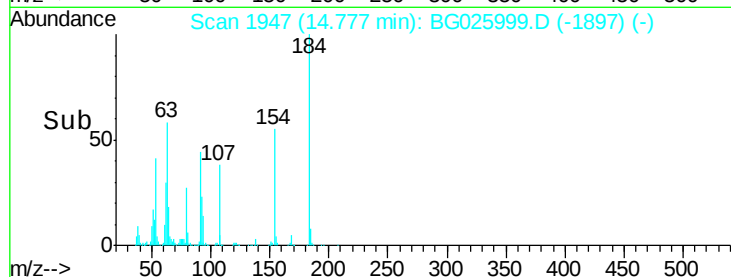
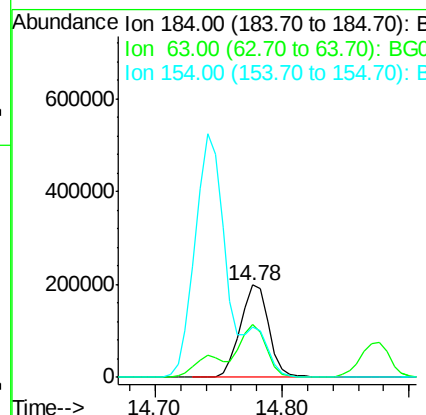
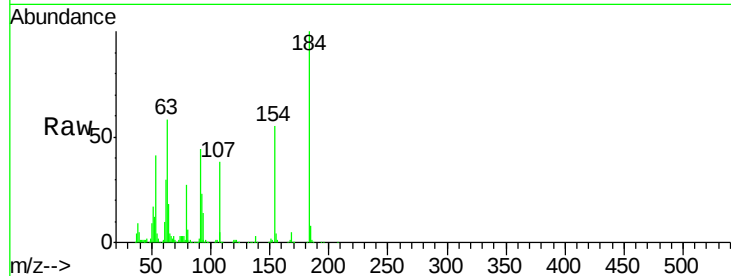




#53
2,4-Dinitrophenol
Concen: 113.73 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

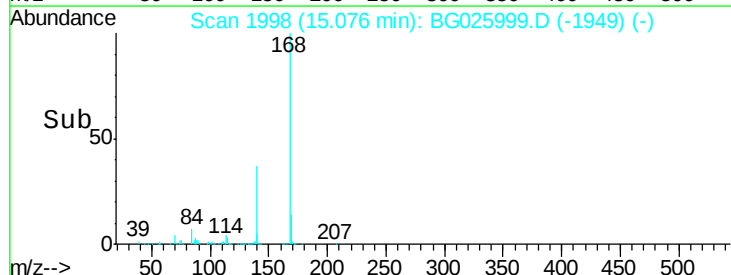
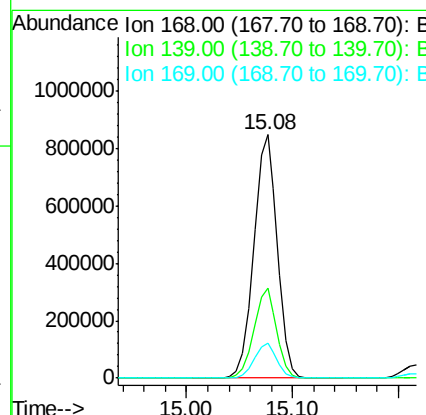
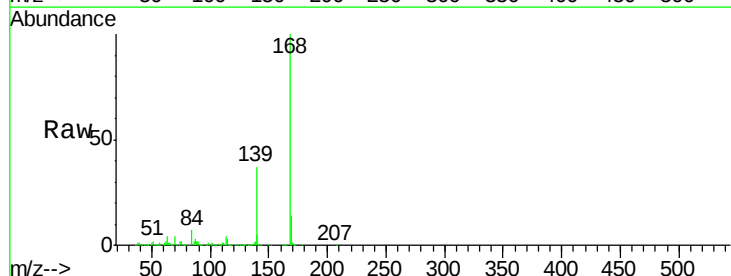
Instrument :
BNA_G
ClientSampleId :
PB97196BS

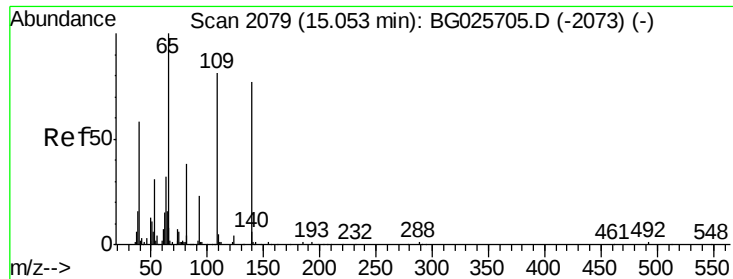
Tgt Ion:184 Resp: 309773
Ion Ratio Lower Upper
184 100
63 57.7 52.7 79.1
154 54.8 57.3 85.9#



#54
Dibenzofuran
Concen: 47.01 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:168 Resp: 1304085
Ion Ratio Lower Upper
168 100
139 36.8 35.3 52.9
169 14.2 11.5 17.3





#55

4-Nitrophenol

Concen: 104.07 ng

RT: 14.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

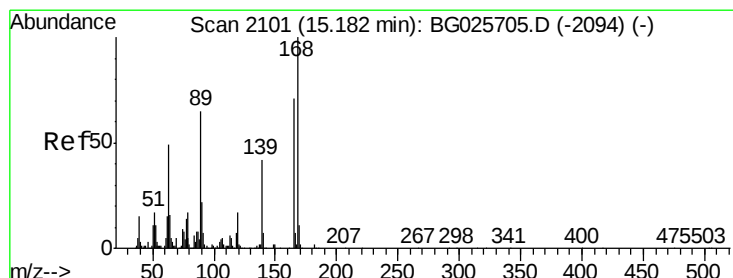
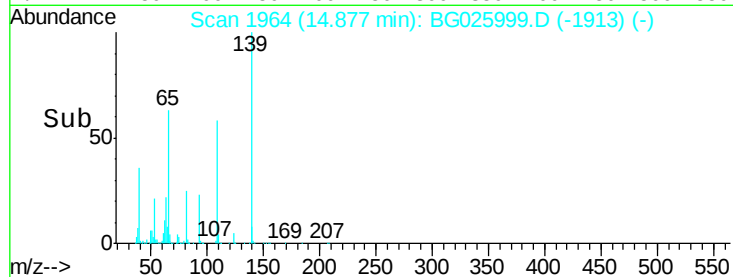
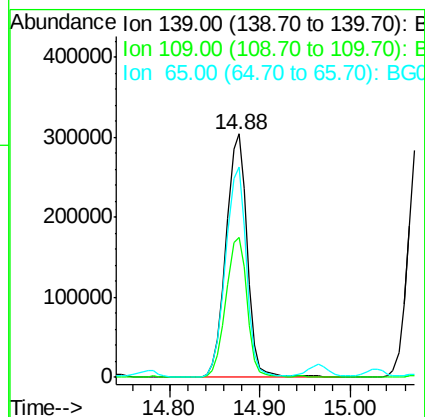
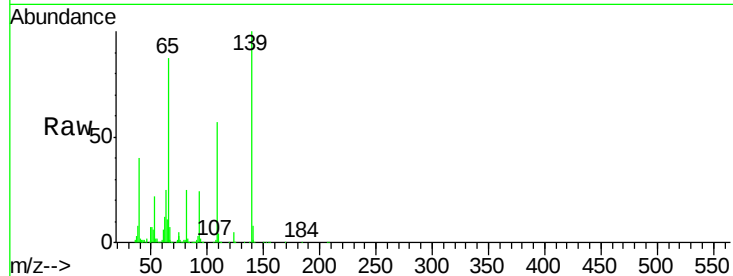
Tgt Ion:139 Resp: 493131

Ion Ratio Lower Upper

139 100

109 57.4 101.2 141.2#

65 86.6 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 52.91 ng

RT: 15.03 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:165 Resp: 370544

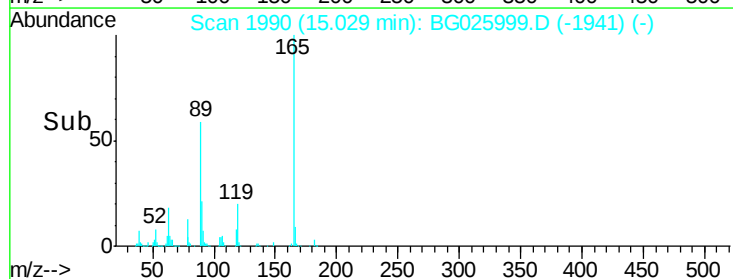
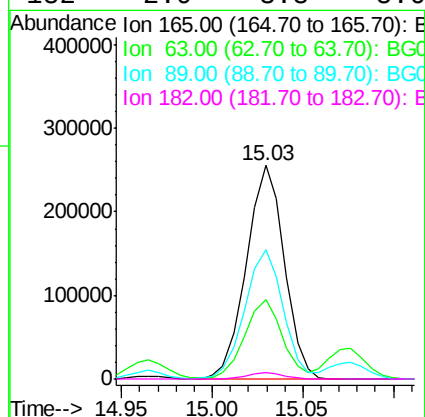
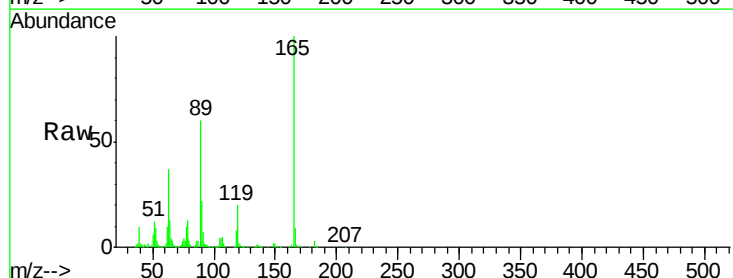
Ion Ratio Lower Upper

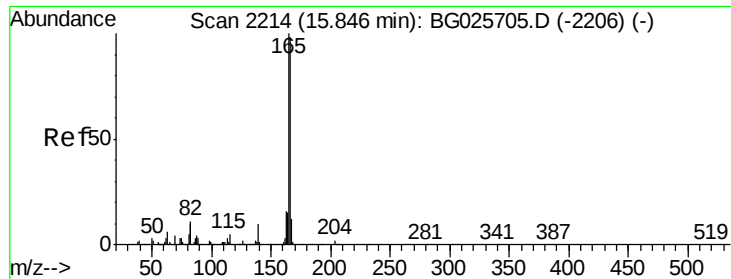
165 100

63 37.0 44.0 66.0#

89 60.3 67.3 100.9#

182 2.9 3.8 5.6#





#57

Fluorene

Concen: 44.56 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

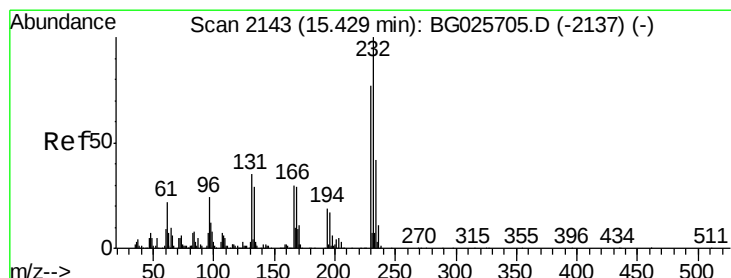
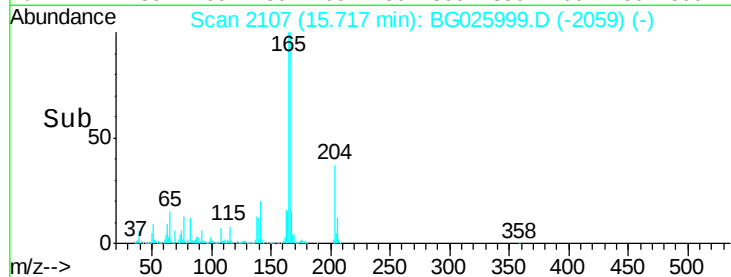
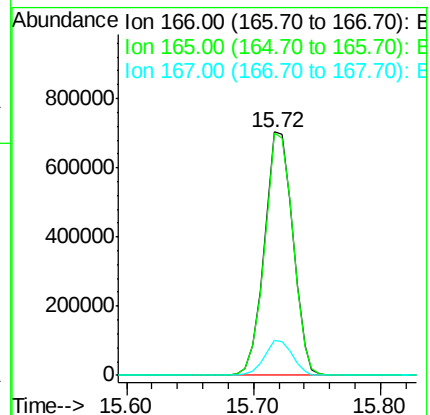
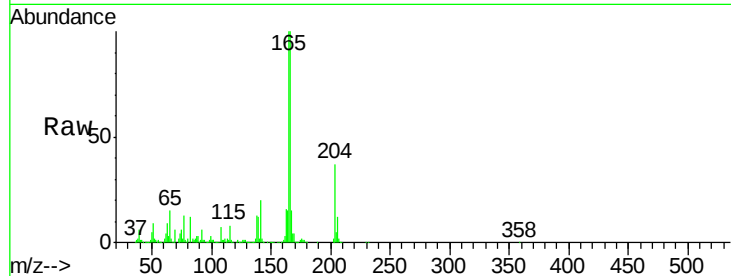
Tgt Ion:166 Resp: 1104429

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

167 14.6 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.56 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:232 Resp: 304214

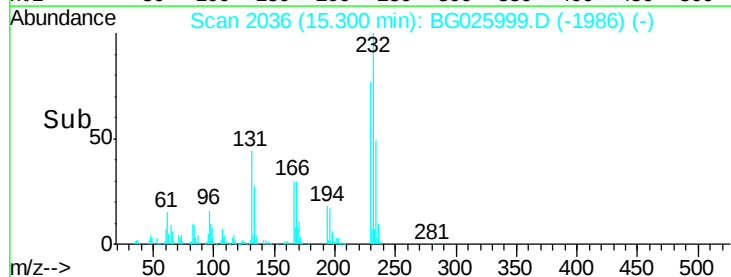
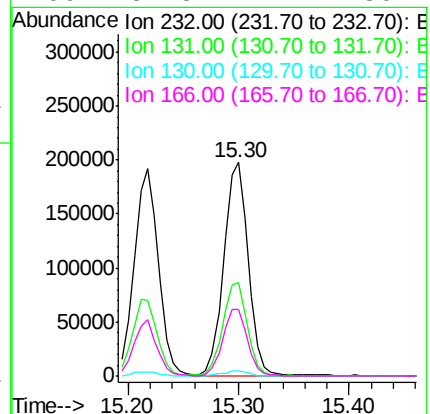
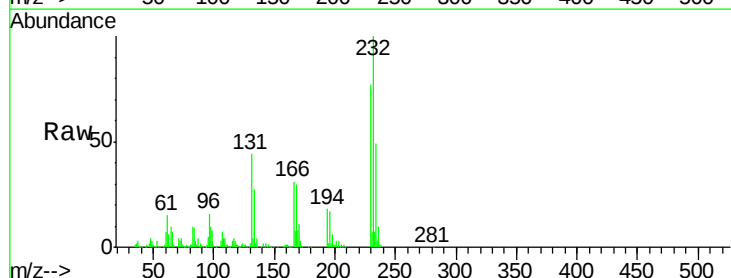
Ion Ratio Lower Upper

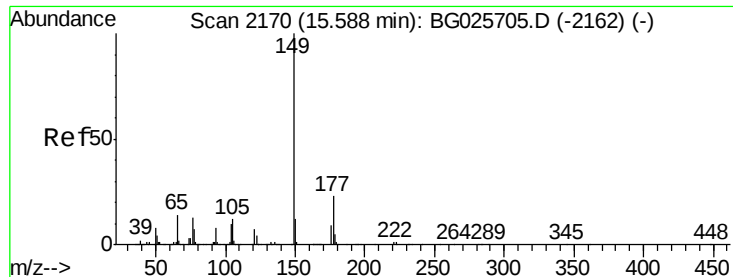
232 100

131 43.4 34.9 52.3

130 2.5 2.3 3.5

166 31.8 24.2 36.4

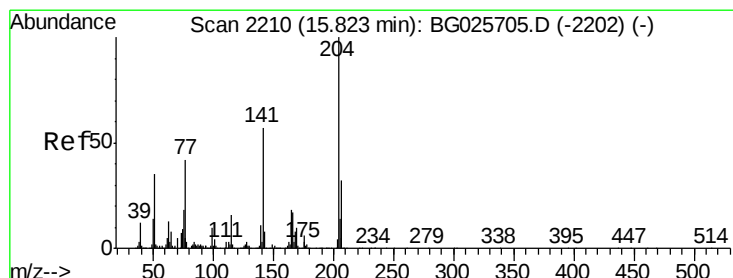
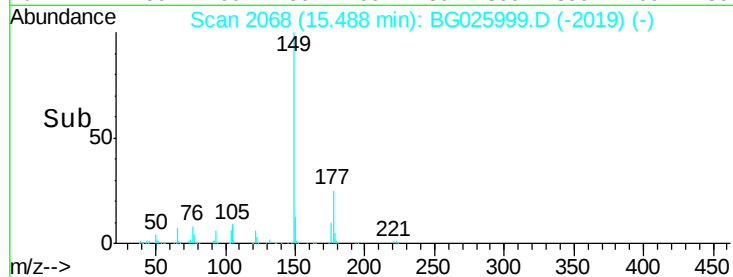
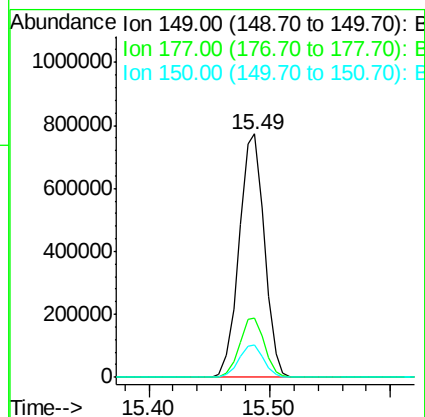
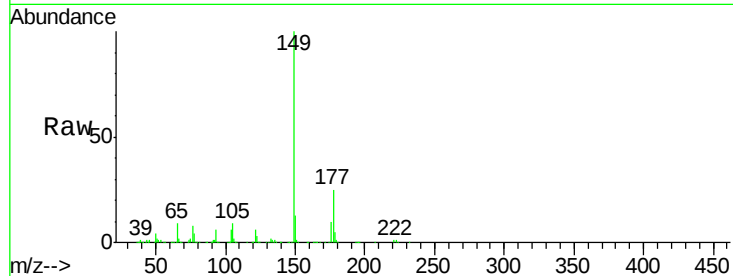




#59
Diethylphthalate
Concen: 46.89 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

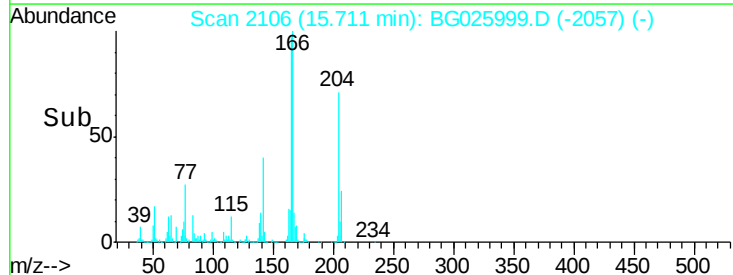
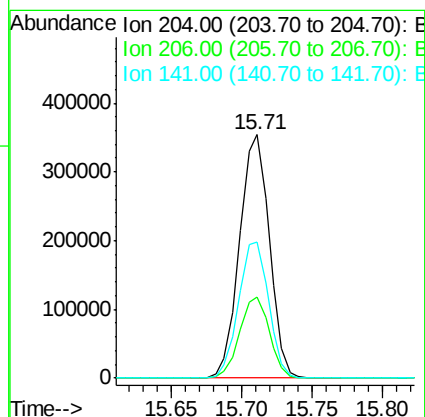
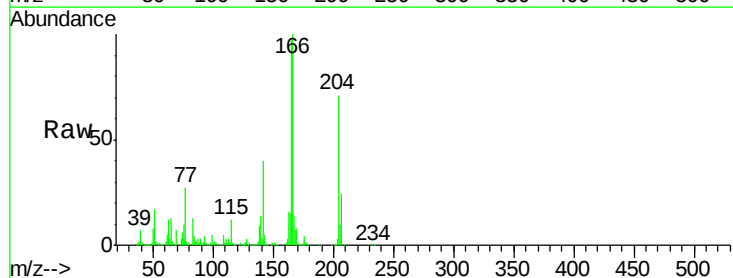
Instrument :
BNA_G
ClientSampleId :
PB97196BS

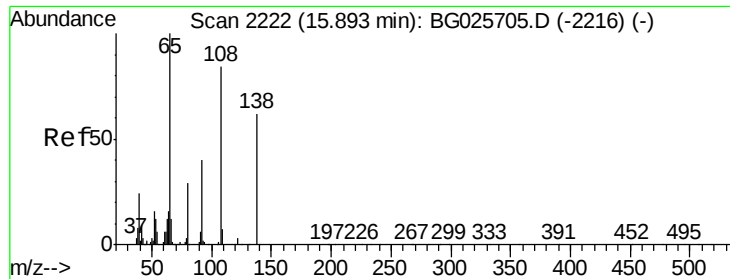
Tgt Ion:149 Resp: 1123771
Ion Ratio Lower Upper
149 100
177 24.6 20.1 30.1
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.42 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:204 Resp: 521661
Ion Ratio Lower Upper
204 100
206 33.2 30.1 45.1
141 55.9 50.6 76.0

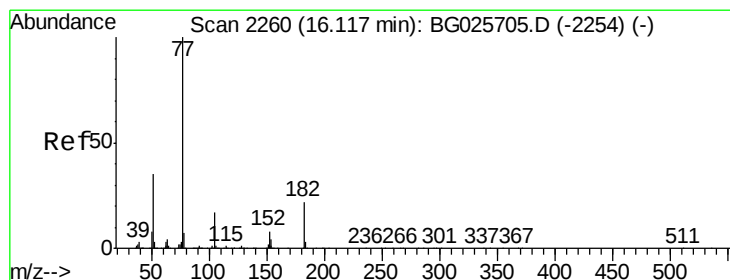
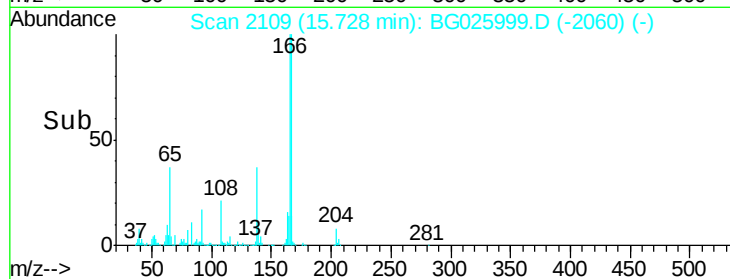
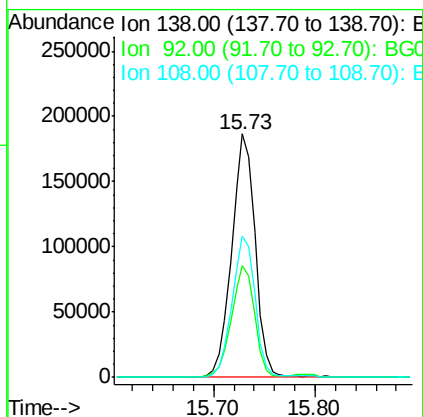
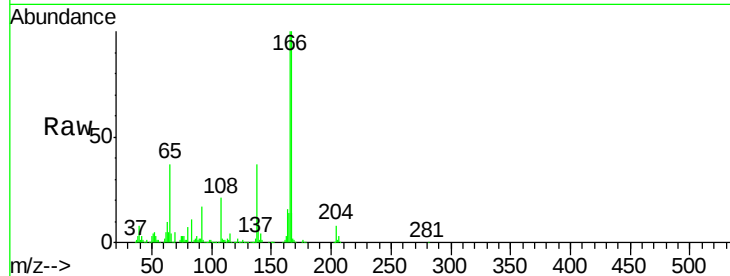




#61
4-Nitroaniline
Concen: 49.63 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

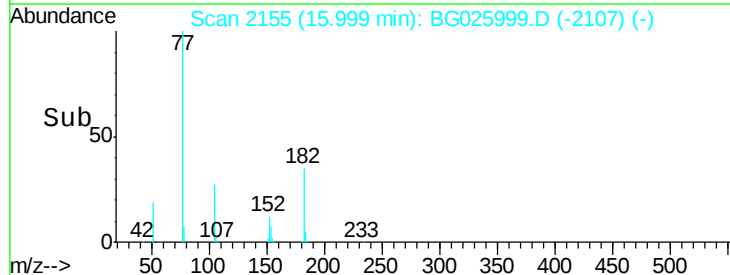
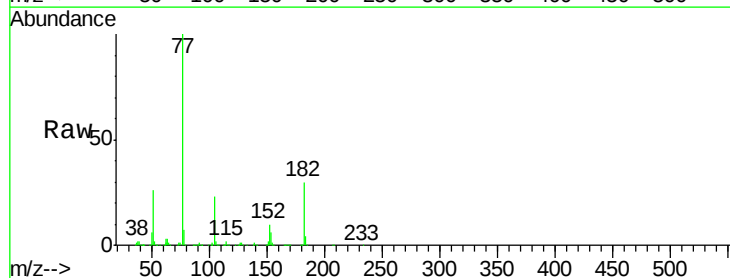
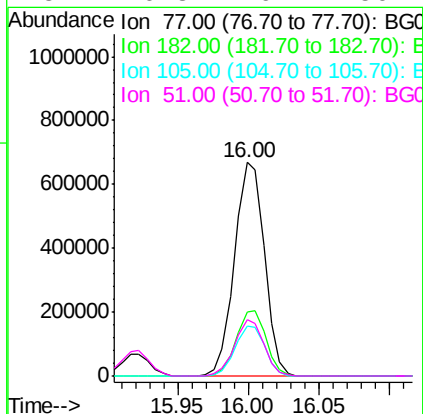
Instrument :
BNA_G
ClientSampleId :
PB97196BS

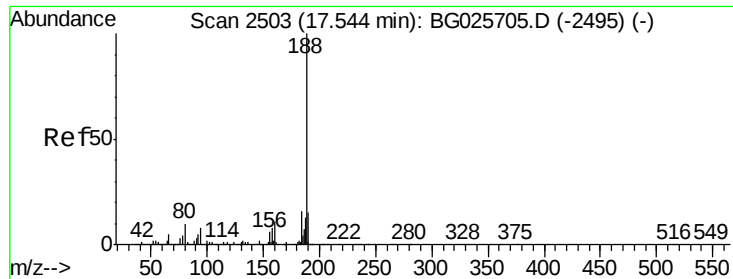
Tgt Ion: 138 Resp: 299530
Ion Ratio Lower Upper
138 100
92 46.1 44.2 84.2
108 58.2 104.8 144.8#



#62
Azobenzene
Concen: 47.98 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion: 77 Resp: 988551
Ion Ratio Lower Upper
77 100
182 30.0 4.7 44.7
105 23.4 0.0 36.3
51 26.3 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

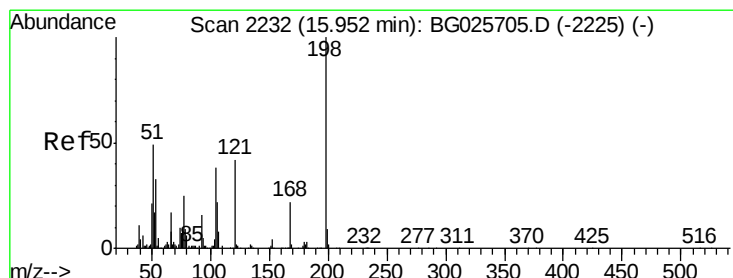
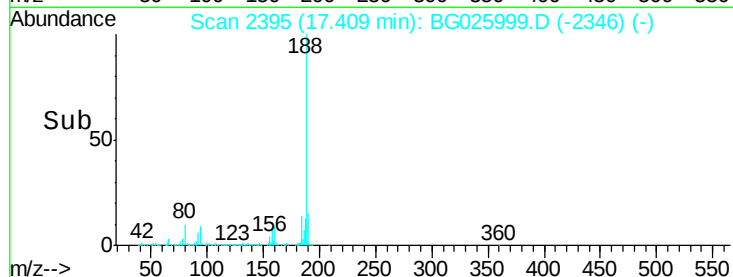
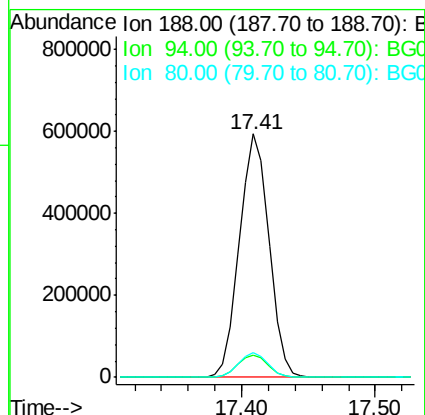
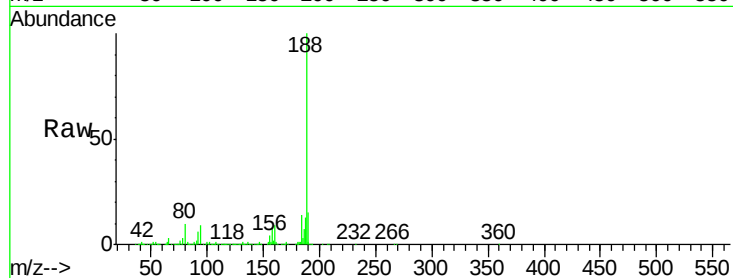
Tgt Ion:188 Resp: 908991

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

80 10.0 7.5 11.3



#64

4,6-Dinitro-2-methylphenol

Concen: 41.38 ng

RT: 15.79 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

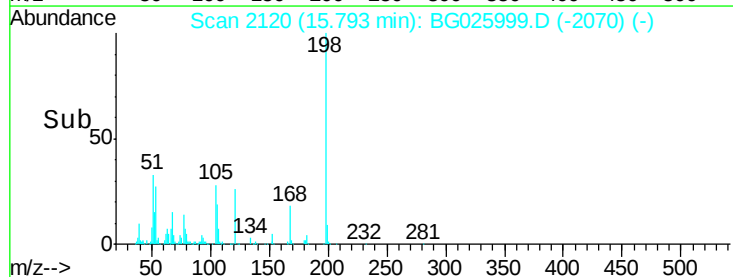
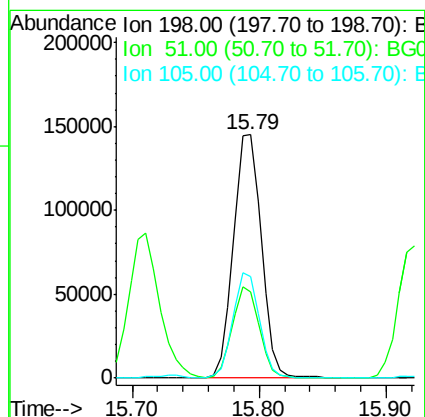
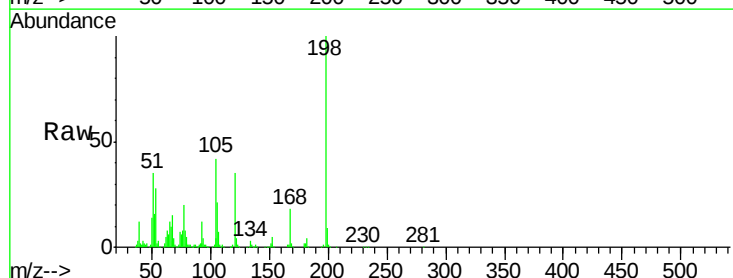
Tgt Ion:198 Resp: 220132

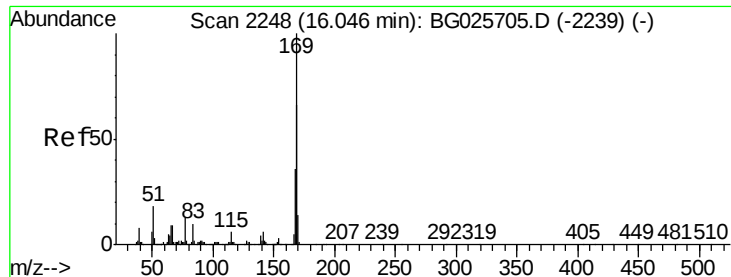
Ion Ratio Lower Upper

198 100

51 35.5 22.6 62.6

105 41.5 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 36.93 ng

RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

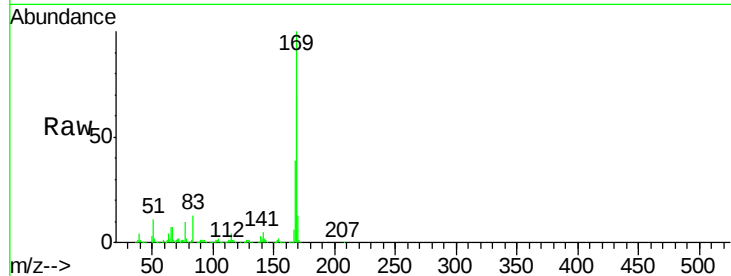
Tgt Ion:169 Resp: 1017984

Ion Ratio Lower Upper

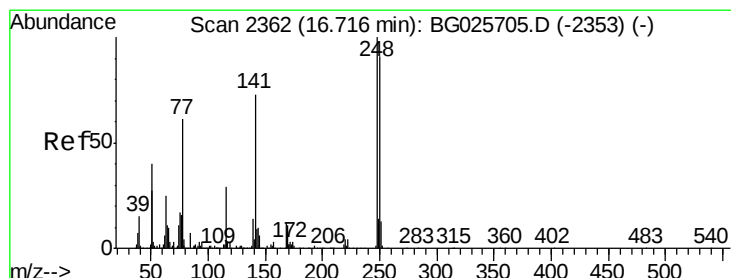
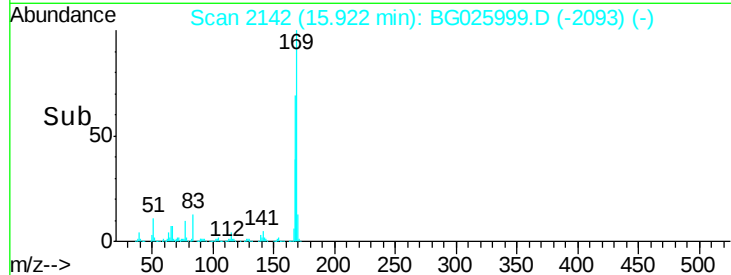
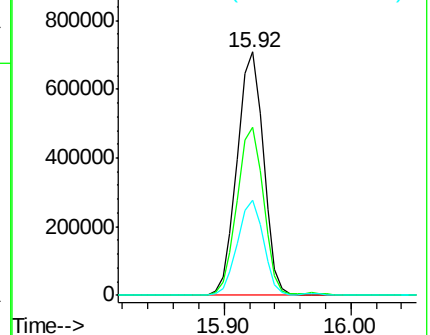
169 100

168 69.0 55.7 83.5

167 39.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.95 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

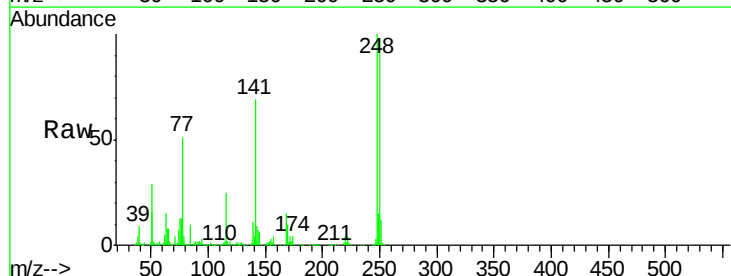
Tgt Ion:248 Resp: 361588

Ion Ratio Lower Upper

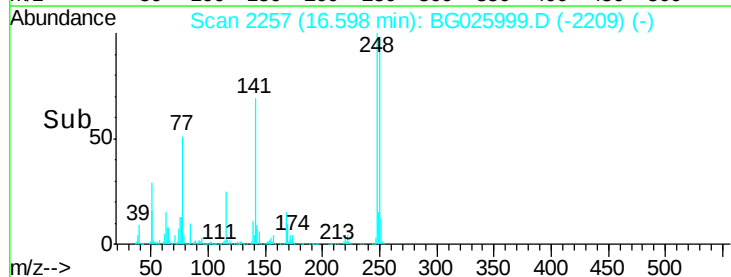
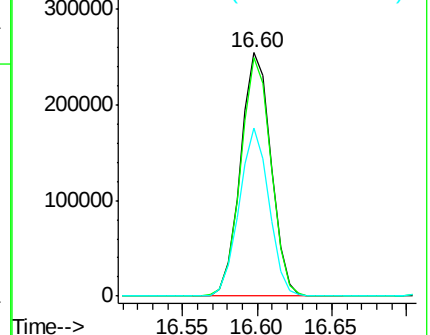
248 100

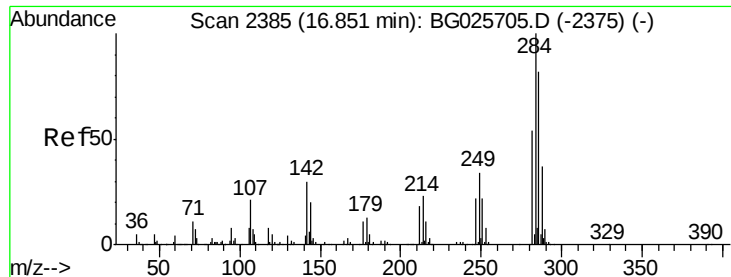
250 98.2 75.0 112.6

141 69.0 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.27 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

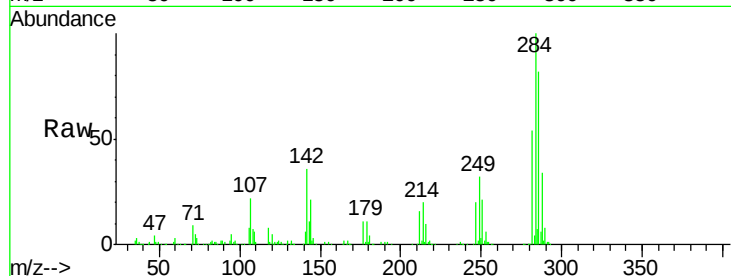
Tgt Ion:284 Resp: 375770

Ion Ratio Lower Upper

284 100

142 35.8 29.9 44.9

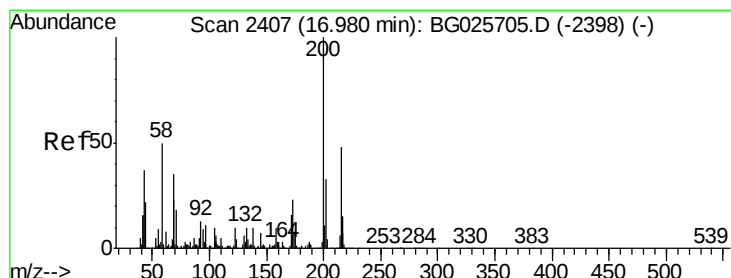
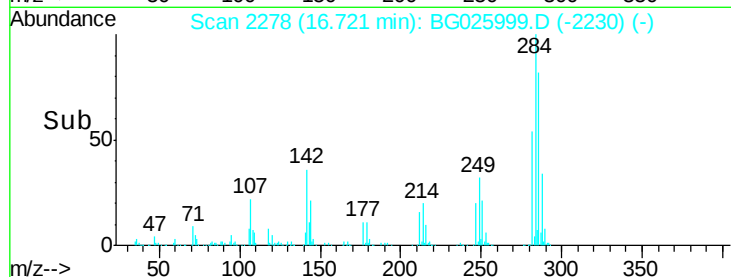
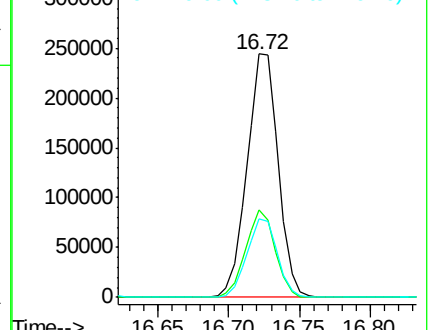
249 32.3 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.42 ng

RT: 16.86 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

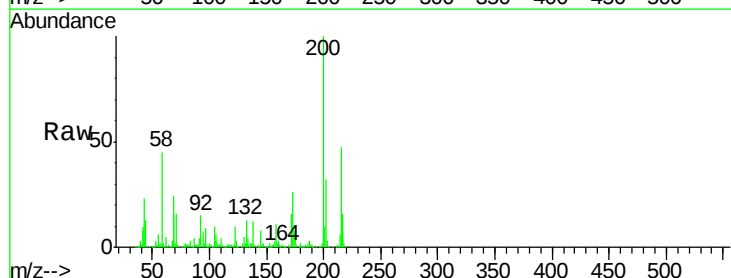
Tgt Ion:200 Resp: 384613

Ion Ratio Lower Upper

200 100

173 25.7 3.0 43.0

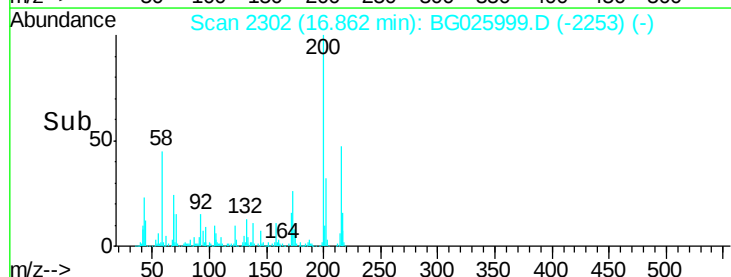
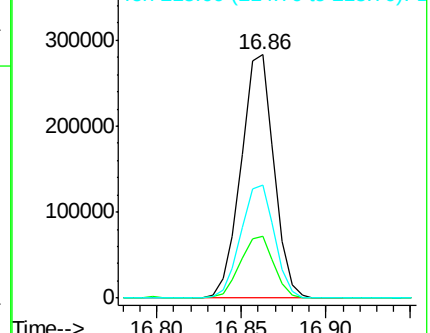
215 46.7 28.4 68.4

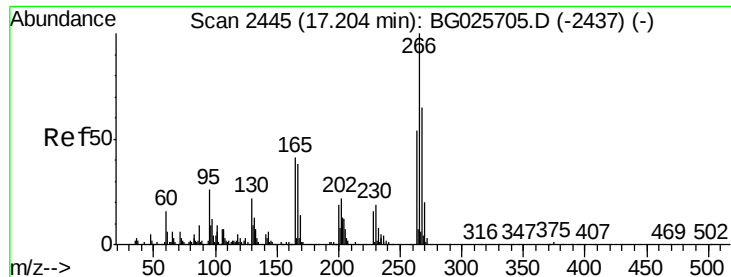


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

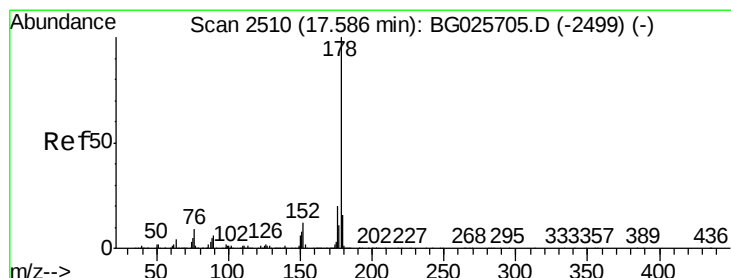
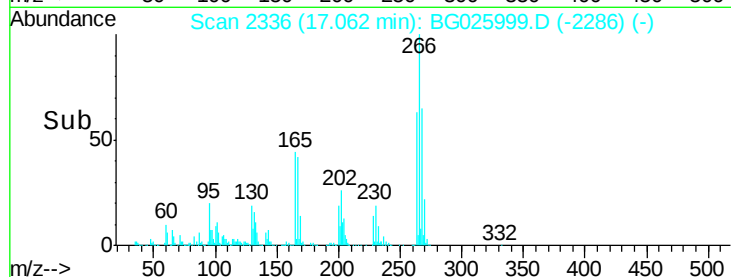
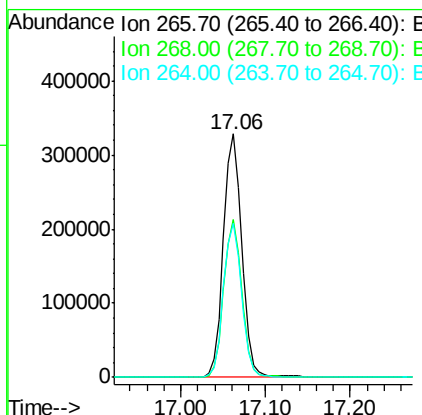
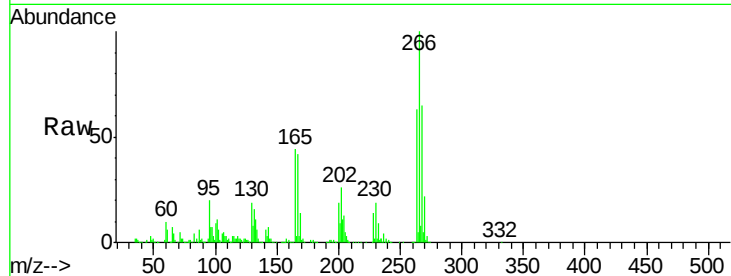




#69
 Pentachlorophenol
 Concen: 82.15 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

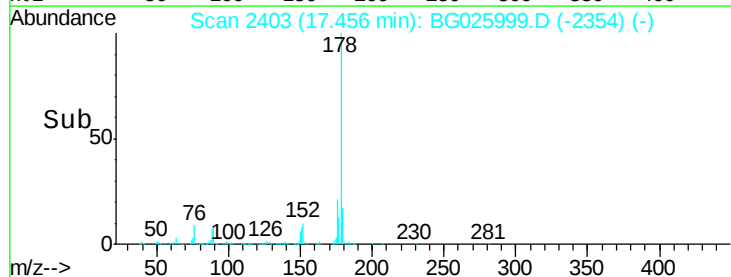
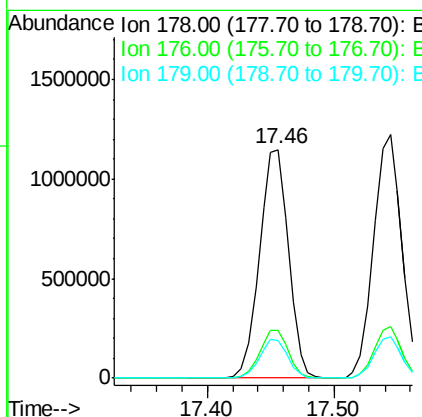
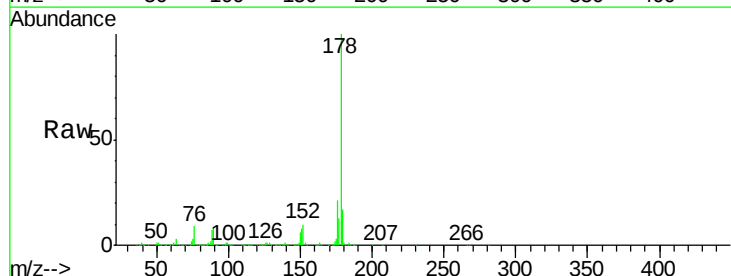
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

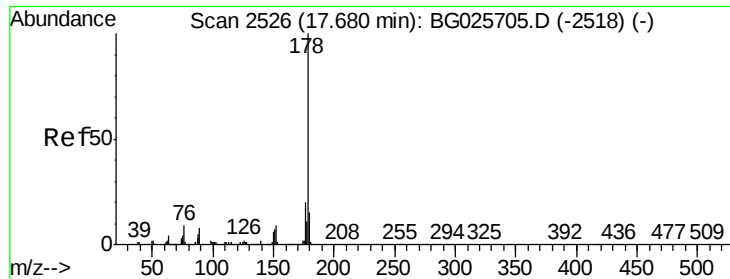
Tgt Ion:266 Resp: 497601
 Ion Ratio Lower Upper
 266 100
 268 64.8 48.6 72.8
 264 63.1 50.1 75.1



#70
 Phenanthrene
 Concen: 37.04 ng
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:178 Resp: 1827761
 Ion Ratio Lower Upper
 178 100
 176 21.1 17.7 26.5
 179 16.6 15.0 22.6

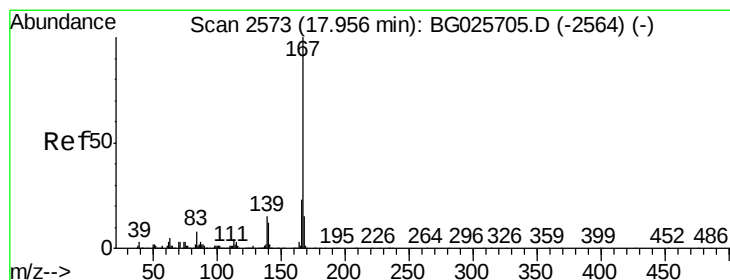
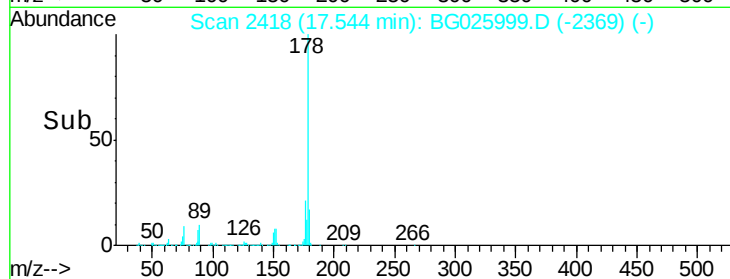
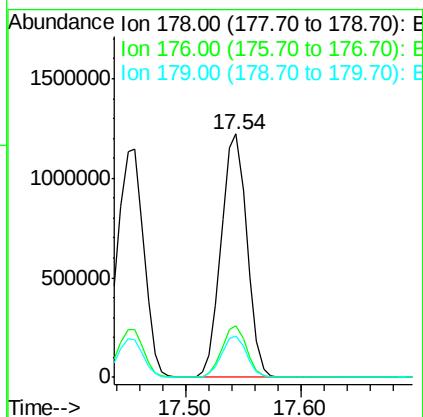
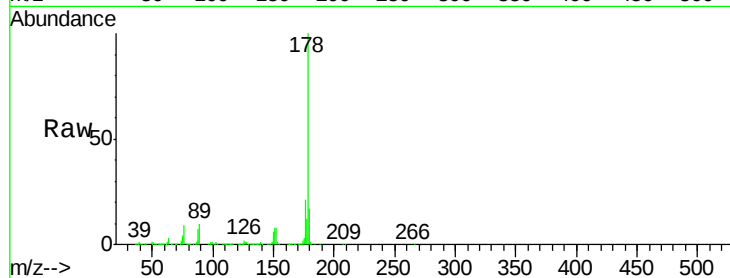




#71
 Anthracene
 Concen: 37.52 ng
 RT: 17.54 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

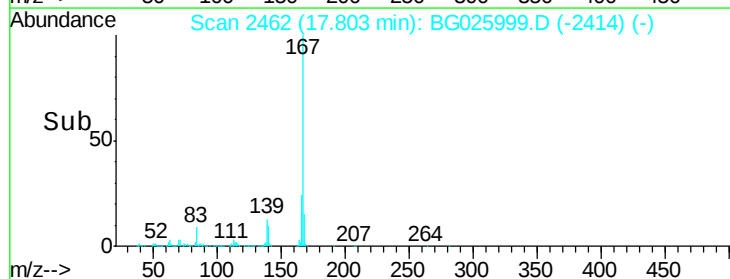
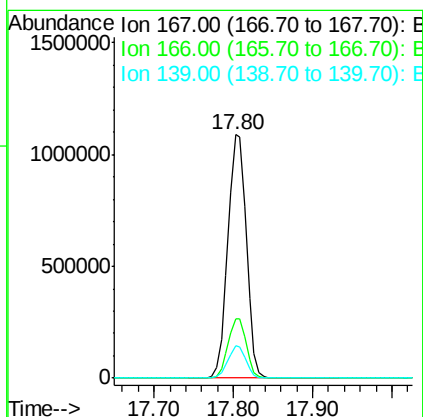
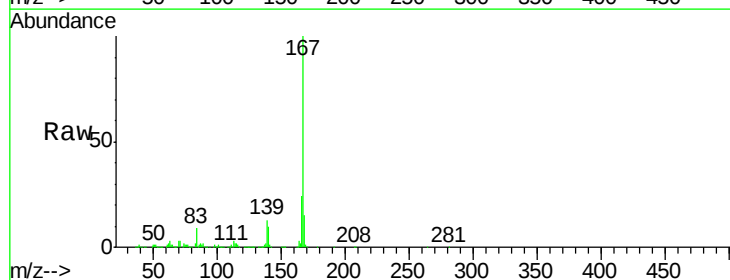
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion:178 Resp: 1887693
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 17.2 13.8 20.8



#72
 Carbazole
 Concen: 34.81 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:167 Resp: 1759410
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.2 30.2
 139 13.3 12.8 19.2

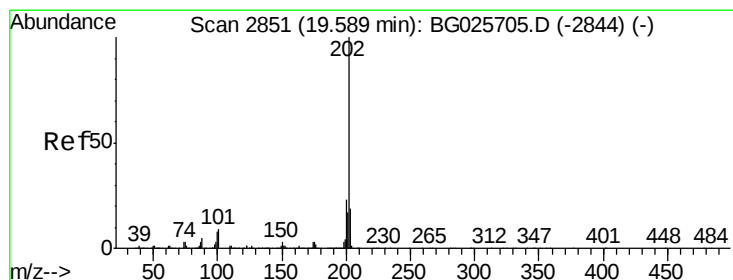
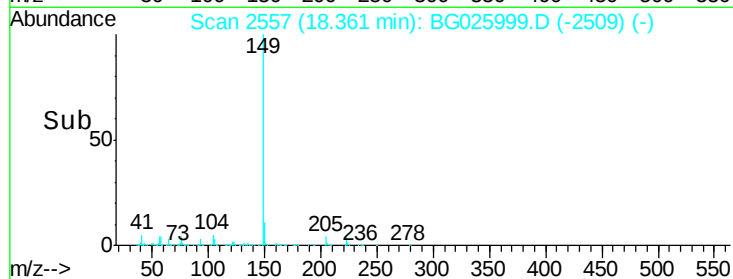
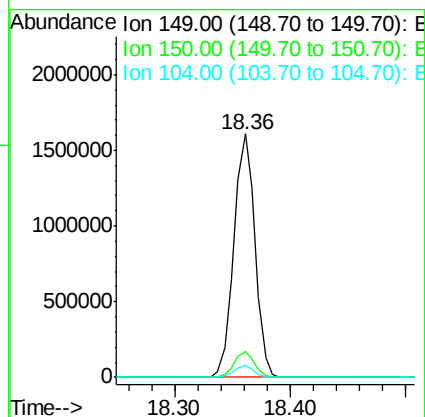
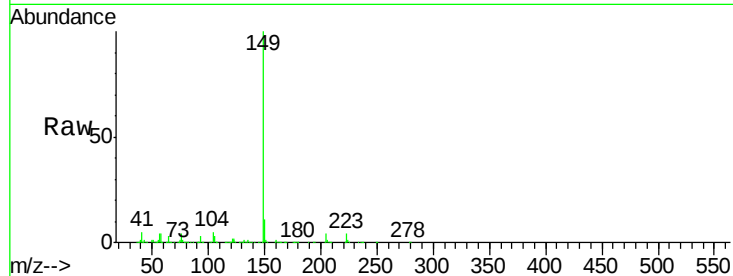




#73
 Di-n-butylphthalate
 Concen: 40.88 ng
 RT: 18.36 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

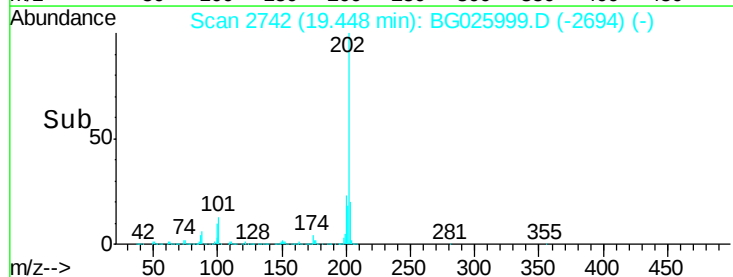
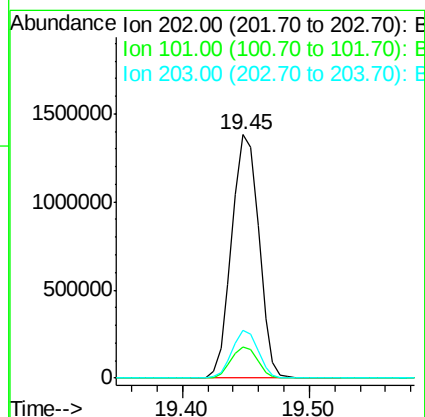
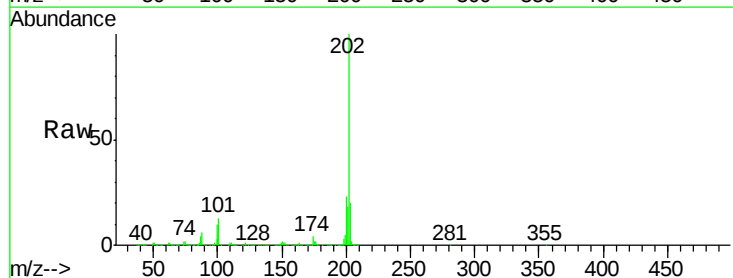
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

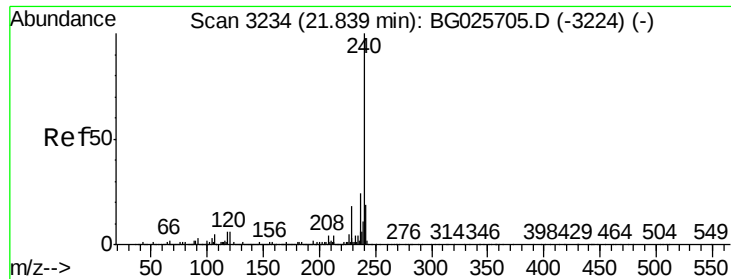
Tgt Ion:149 Resp: 2028168
 Ion Ratio Lower Upper
 149 100
 150 10.7 9.1 13.7
 104 4.7 6.7 10.1#



#74
 Fluoranthene
 Concen: 37.68 ng
 RT: 19.45 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:202 Resp: 2047157
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 30.1
 203 19.8 1.3 41.3

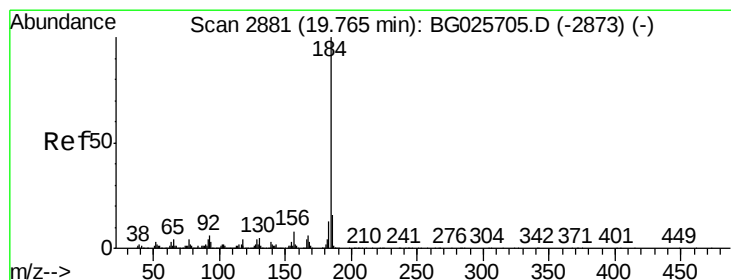
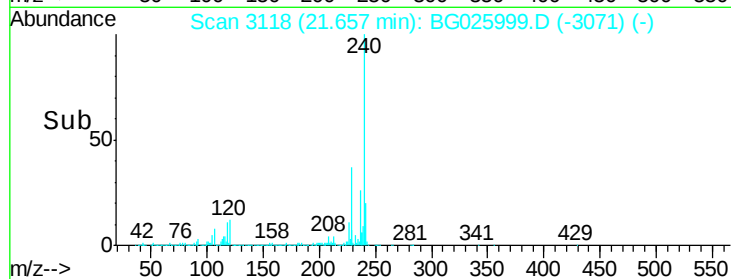
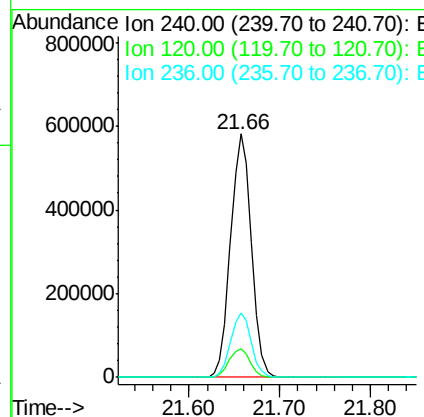
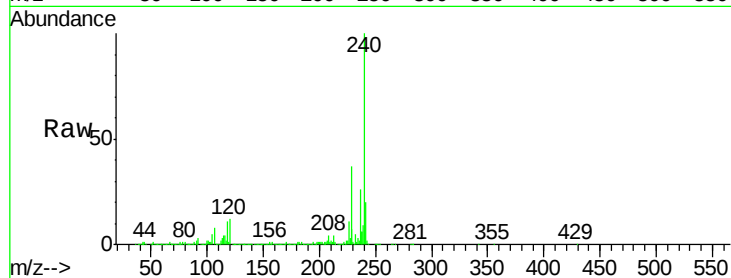




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.66 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

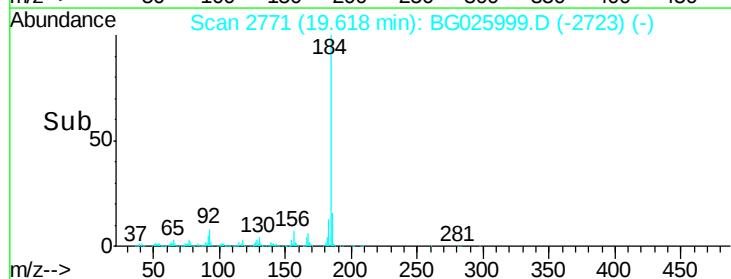
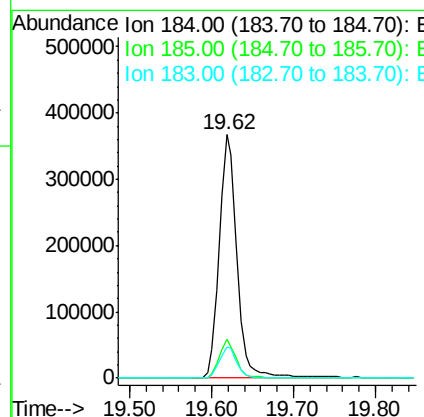
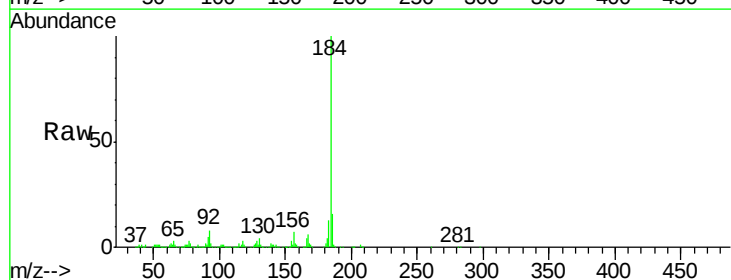
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

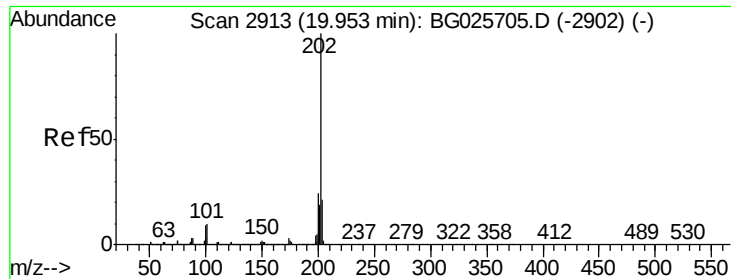
Tgt Ion:240 Resp: 925080
 Ion Ratio Lower Upper
 240 100
 120 11.8 5.7 8.5#
 236 26.5 22.2 33.4



#76
 Benzidine
 Concen: 19.16 ng
 RT: 19.62 min Scan# 2771
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:184 Resp: 559532
 Ion Ratio Lower Upper
 184 100
 185 16.0 13.0 19.6
 183 12.9 11.0 16.6



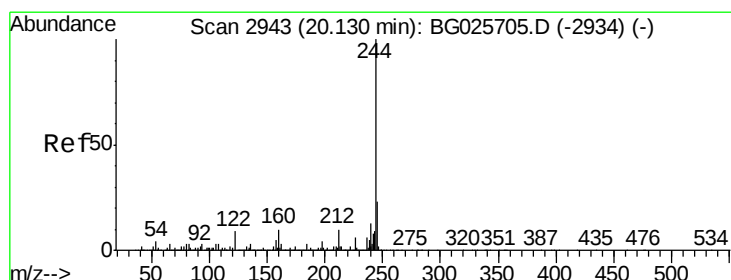
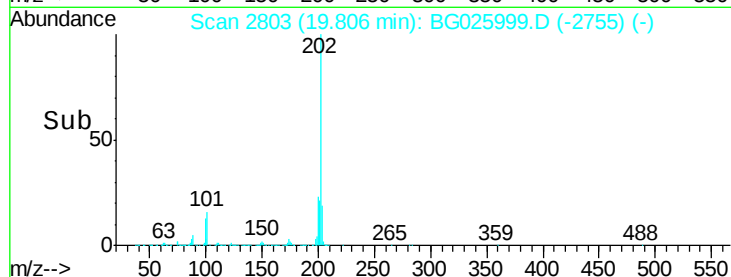
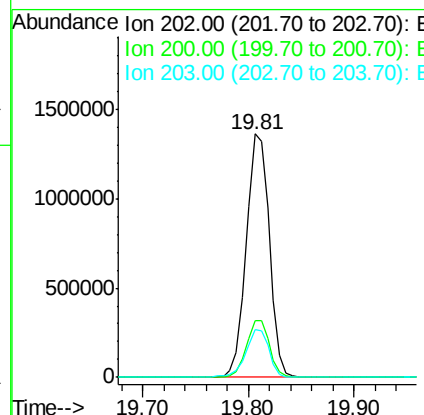
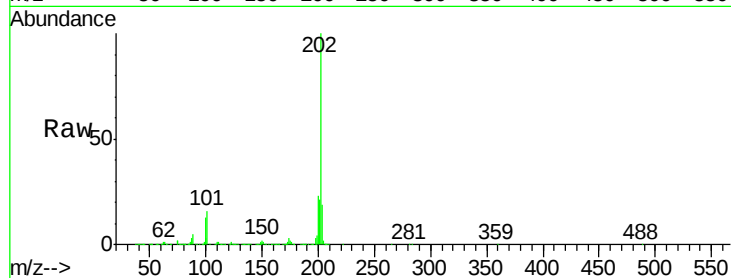


#77
 Pyrene
 Concen: 35.20 ng
 RT: 19.81 min Scan# 2803
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion: 202 Resp: 2059628

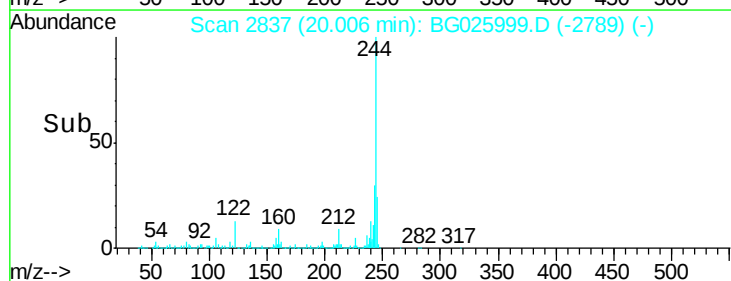
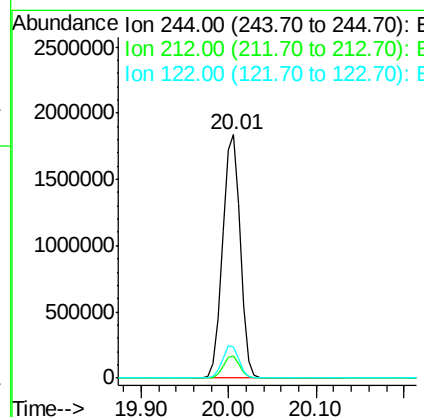
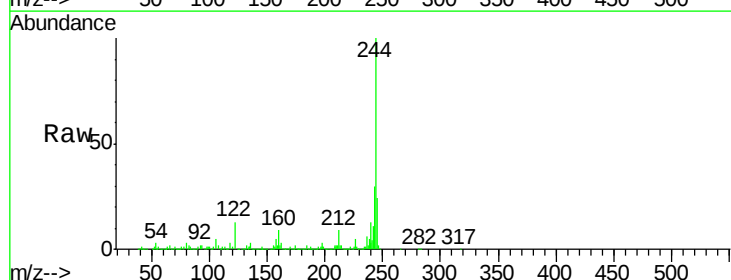
Ion	Ratio	Lower	Upper
202	100		
200	23.3	19.6	29.4
203	19.4	15.8	23.8

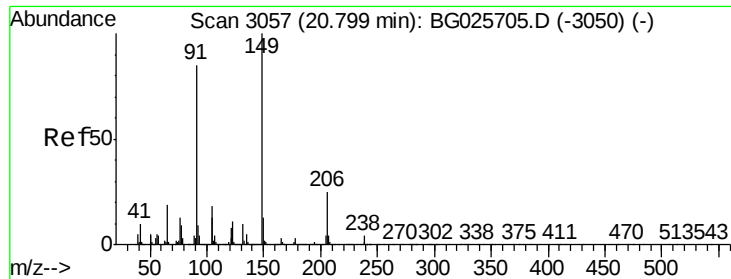


#78
 Terphenyl-d14
 Concen: 67.59 ng
 RT: 20.01 min Scan# 2837
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion: 244 Resp: 2570847

Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.0	15.0#
122	13.0	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 40.40 ng

RT: 20.69 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

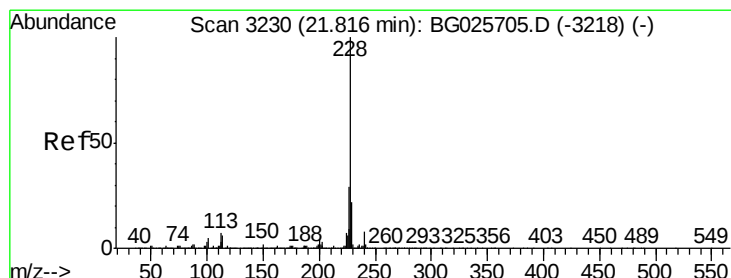
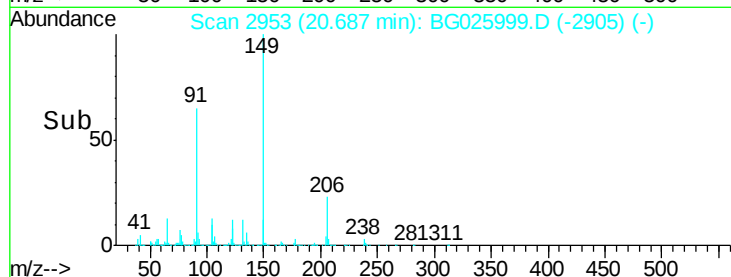
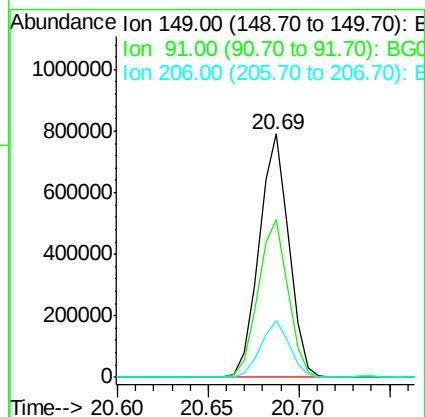
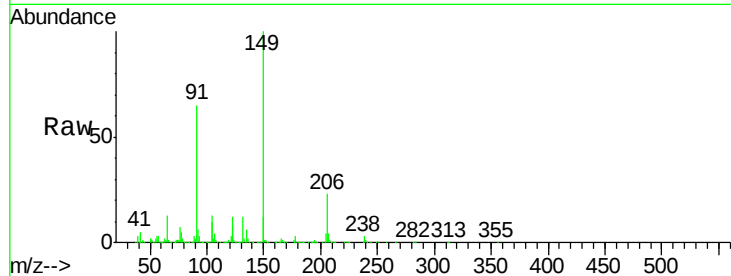
Instrument :

BNA_G

ClientSampled :

PB97196BS

Tgt Ion:	149	Resp:	897010
Ion	Ratio	Lower	Upper
149	100		
91	64.9	63.5	95.3
206	23.2	21.0	31.6



#80

Benzo(a)anthracene

Concen: 36.56 ng

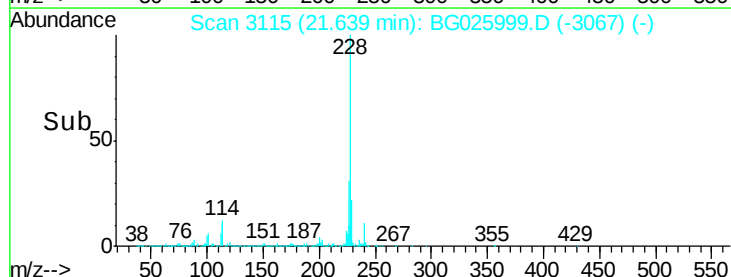
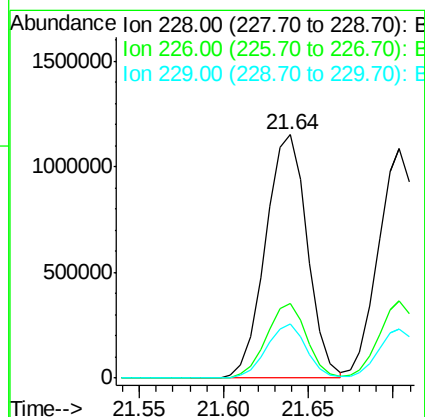
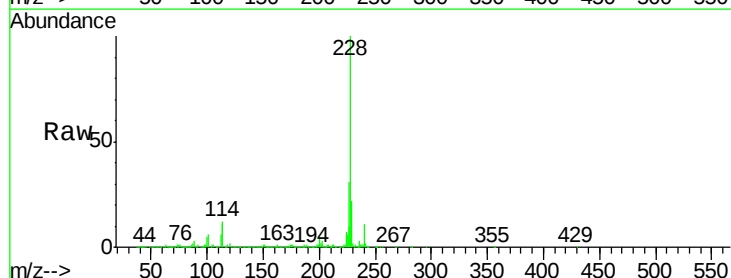
RT: 21.64 min Scan# 3115

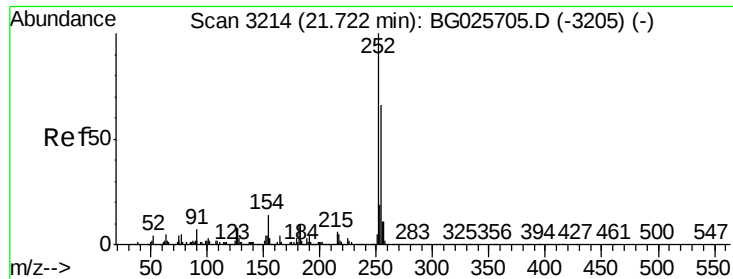
Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:	228	Resp:	1974743
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.0	18.2	27.2

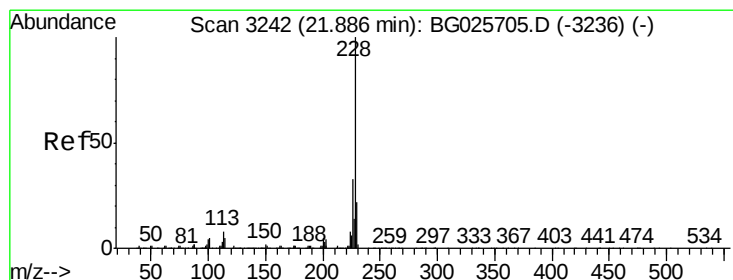
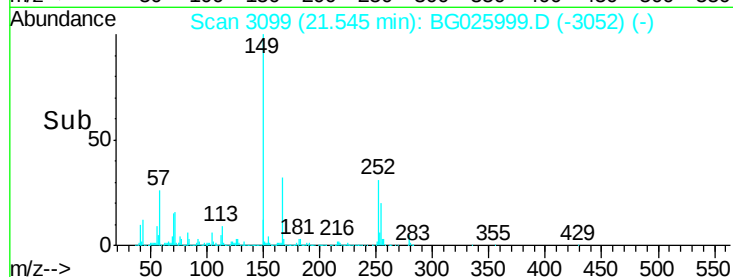
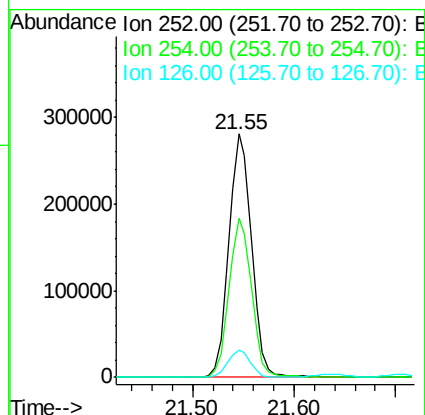
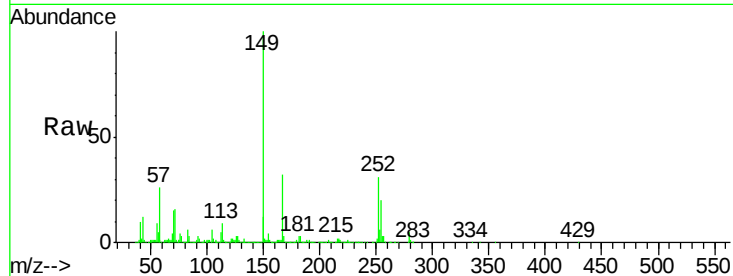




#81
 3,3'-Dichlorobenzidine
 Concen: 22.71 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

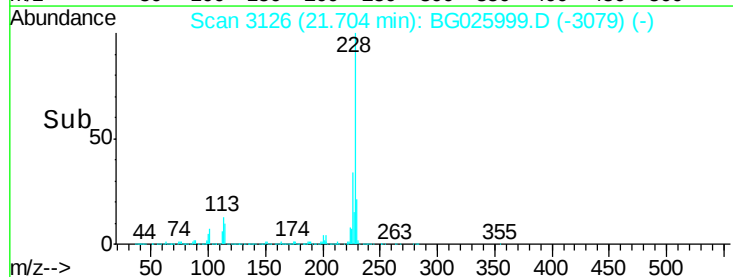
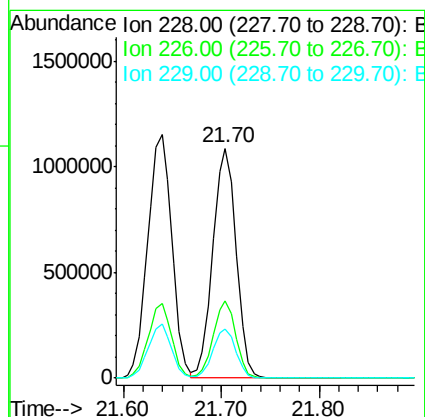
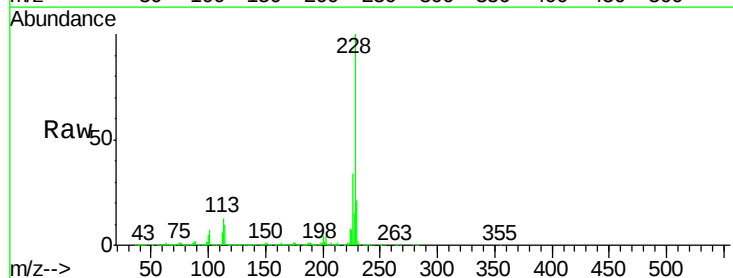
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

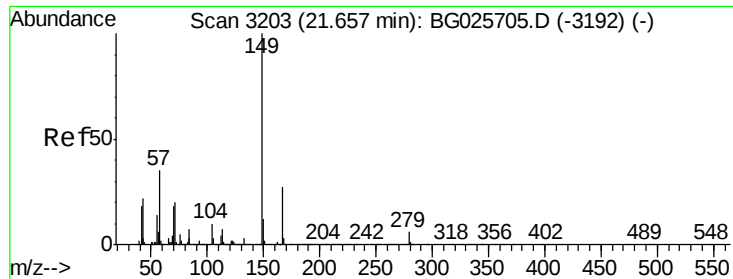
Tgt Ion: 252 Resp: 437200
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.1 79.7
 126 11.1 7.0 10.4#



#82
 Chrysene
 Concen: 34.65 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion: 228 Resp: 1799719
 Ion Ratio Lower Upper
 228 100
 226 33.5 27.0 40.4
 229 21.4 17.8 26.6

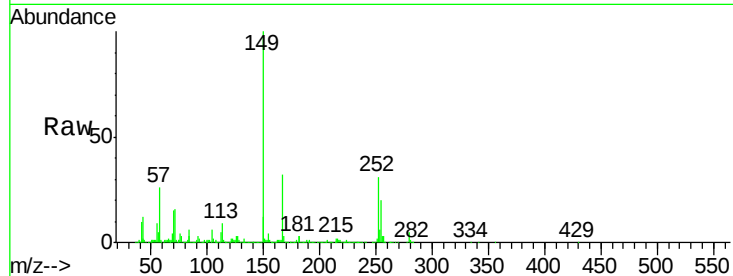




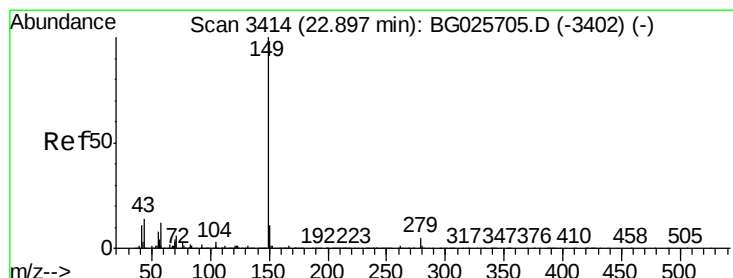
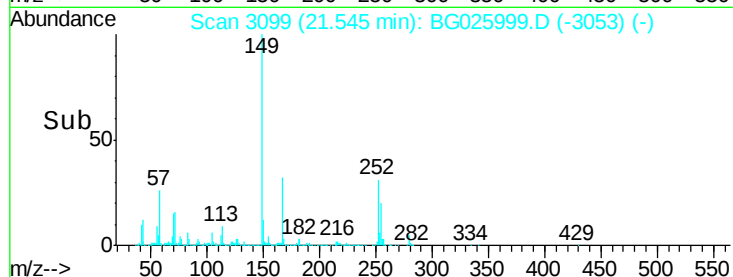
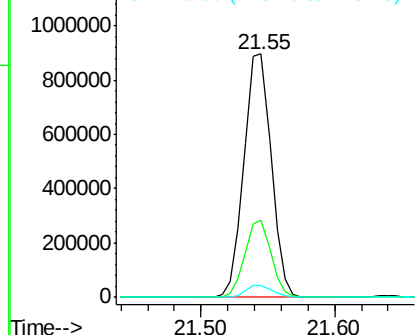
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.38 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion:149 Resp: 1262455
 Ion Ratio Lower Upper
 149 100
 167 31.7 23.7 35.5
 279 5.2 4.6 6.8

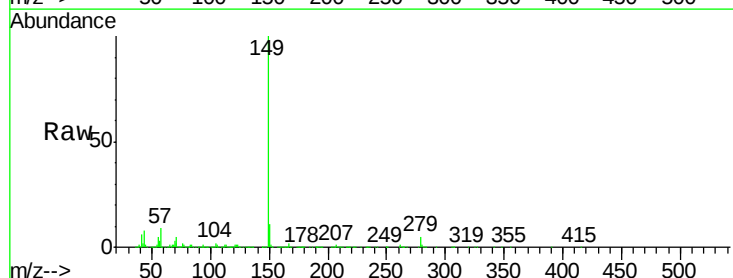


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

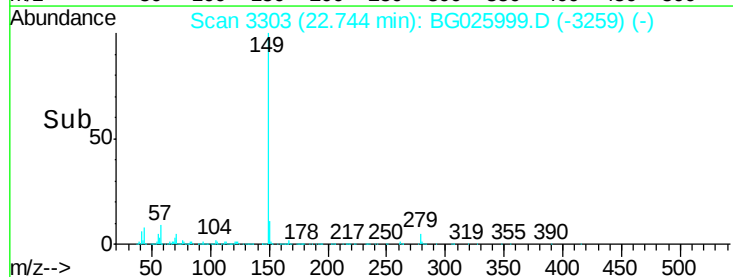
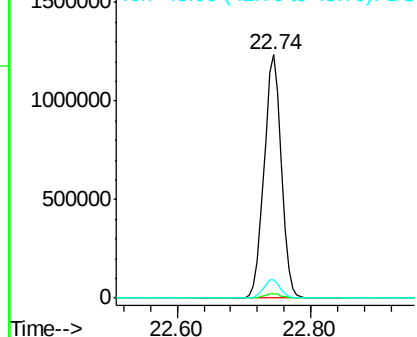


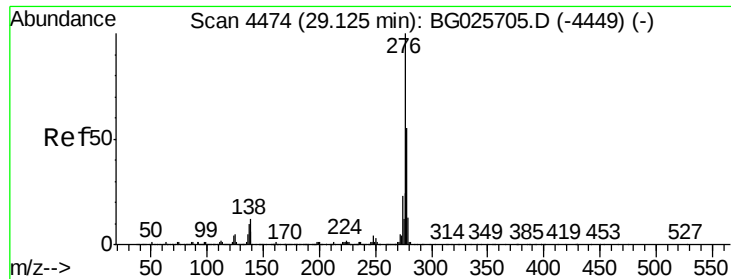
#84
 Di-n-octyl phthalate
 Concen: 41.17 ng
 RT: 22.74 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:149 Resp: 2179905
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.4 11.8 17.6#



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): BG0

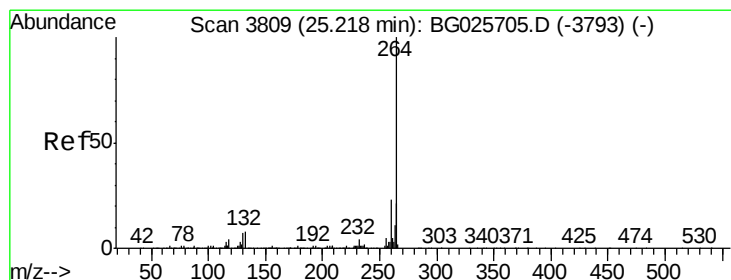
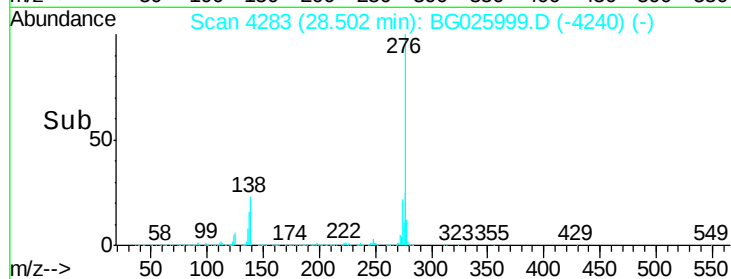
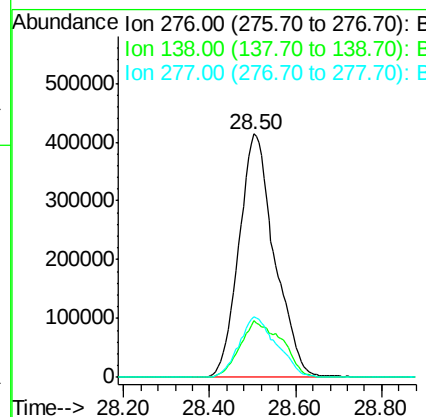
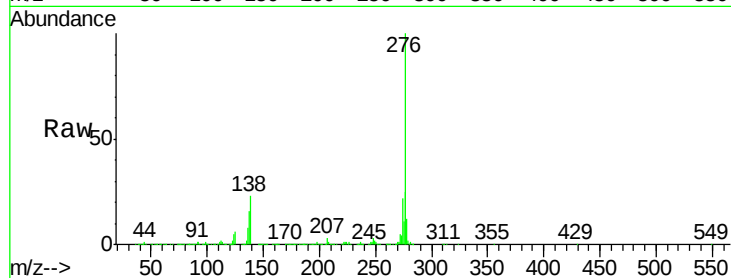




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.12 ng
 RT: 28.50 min Scan# 4283
 Delta R.T. -0.04 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

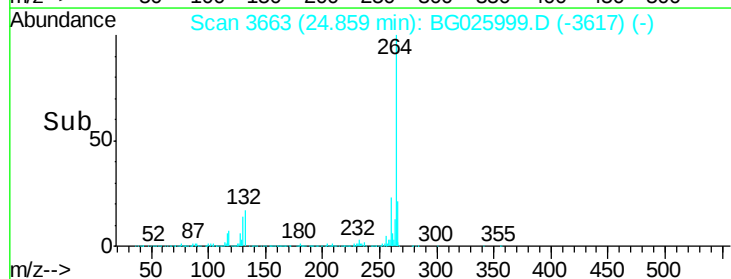
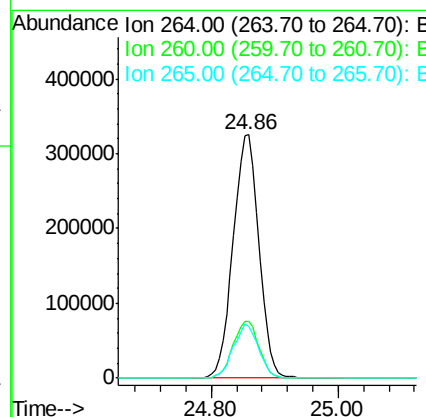
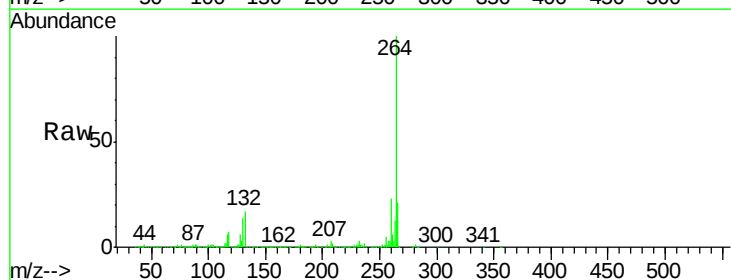
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

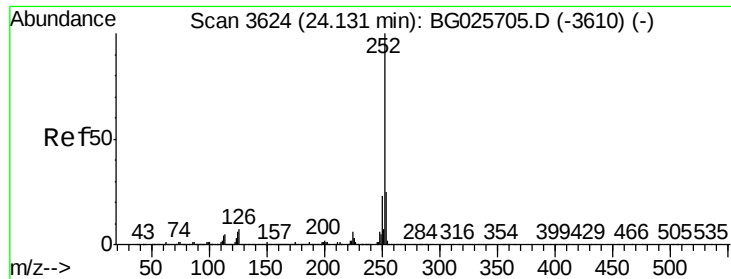
Tgt Ion:276 Resp: 2392957
 Ion Ratio Lower Upper
 276 100
 138 27.4 4.7 7.1#
 277 26.3 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.86 min Scan# 3663
 Delta R.T. -0.03 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:264 Resp: 911904
 Ion Ratio Lower Upper
 264 100
 260 23.3 21.8 32.8
 265 21.3 18.2 27.4

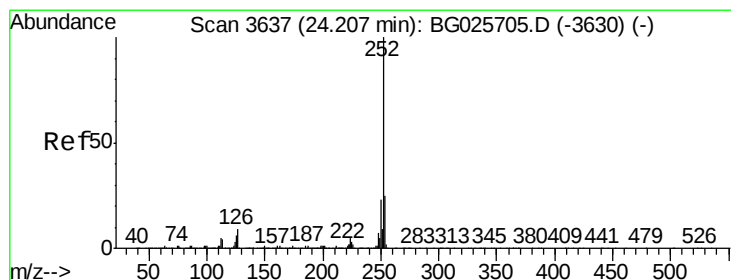
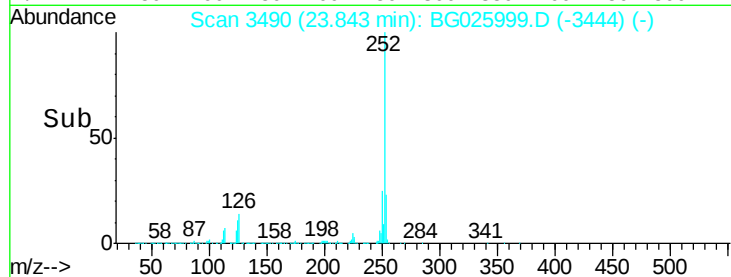
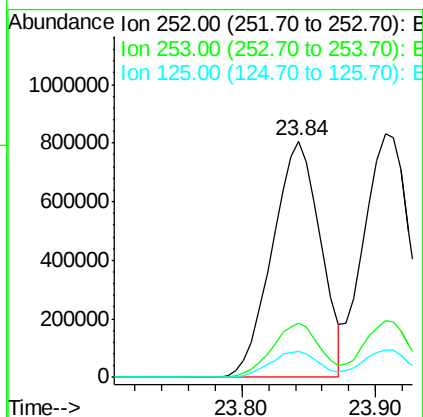
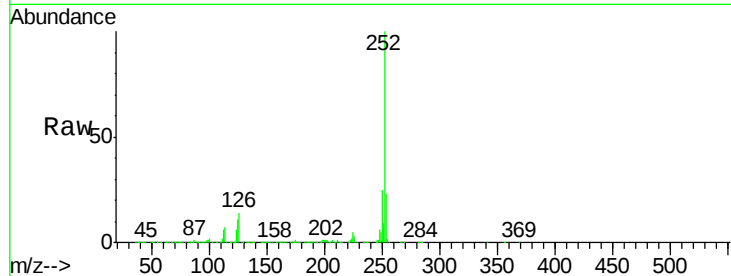




#87
Benzo(b)fluoranthene
Concen: 36.93 ng
RT: 23.84 min Scan# 3490
Delta R.T. -0.03 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

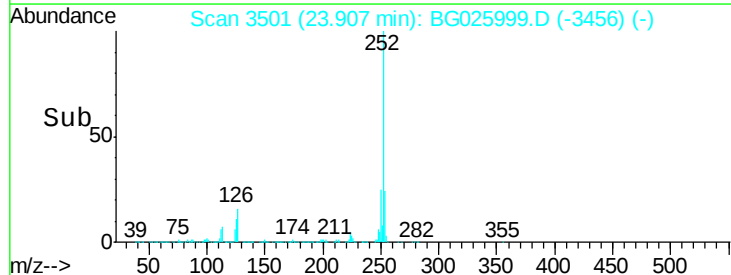
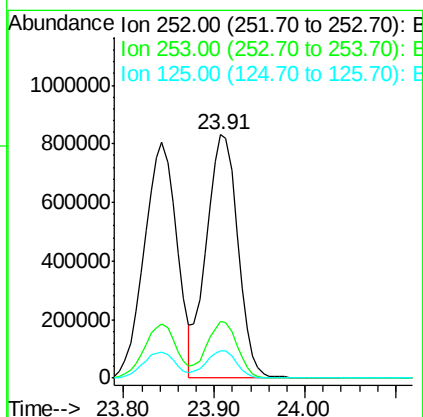
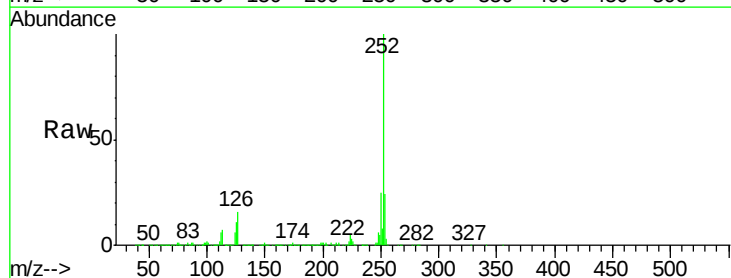
Instrument :
BNA_G
ClientSampleId :
PB97196BS

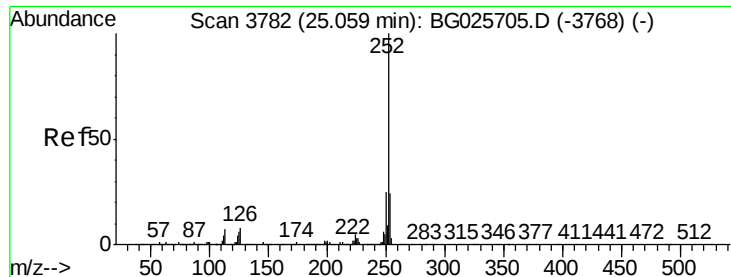
Tgt Ion:252 Resp: 2016714
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 11.2 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 37.67 ng
RT: 23.91 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:252 Resp: 2007578
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.2
125 11.1 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 37.99 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

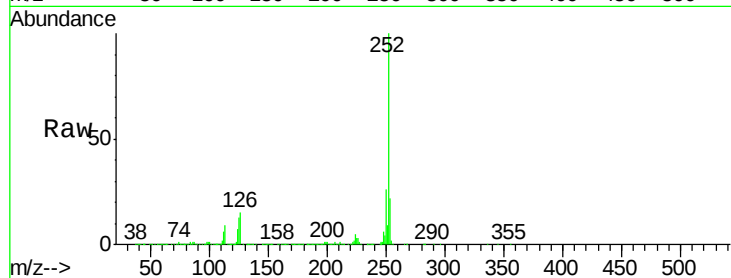
Tgt Ion:252 Resp: 1964614

Ion Ratio Lower Upper

252 100

253 22.3 19.2 28.8

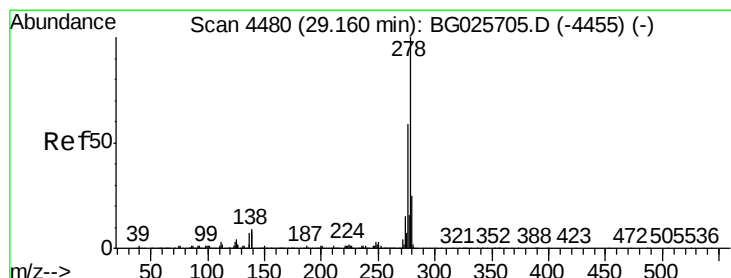
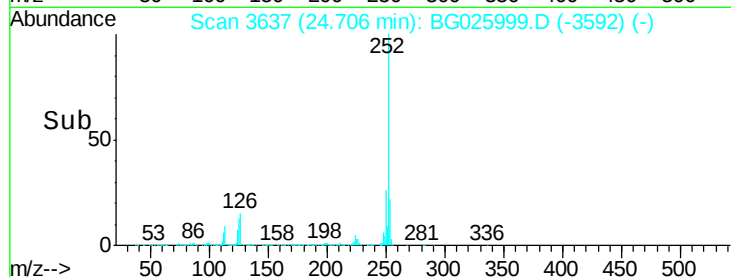
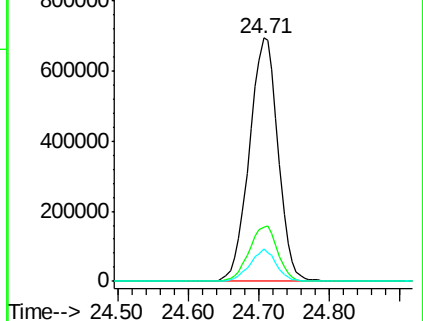
125 13.1 5.4 8.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 38.29 ng

RT: 28.57 min Scan# 4294

Delta R.T. -0.05 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

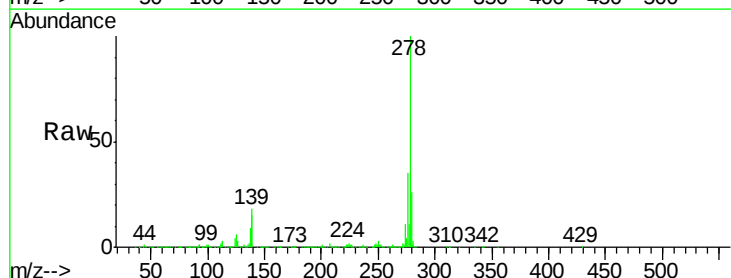
Tgt Ion:278 Resp: 1989378

Ion Ratio Lower Upper

278 100

139 17.8 7.7 11.5#

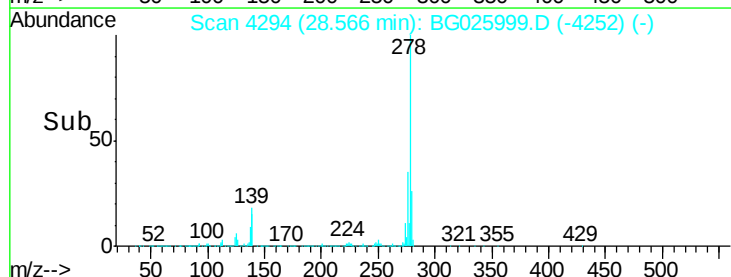
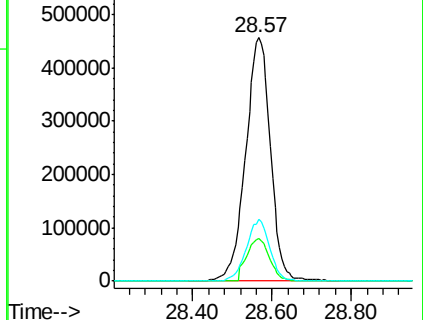
279 25.7 19.1 28.7

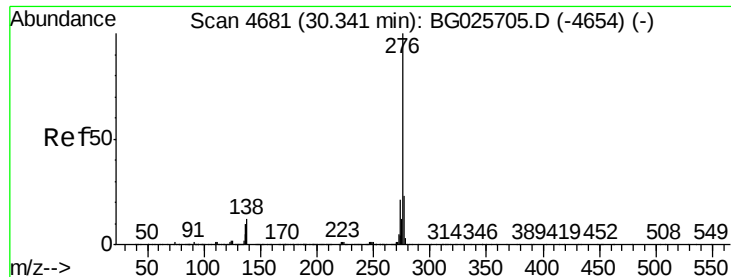


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.38 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

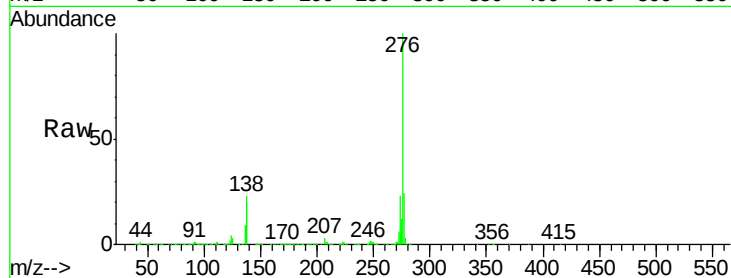
Tgt Ion:276 Resp: 1999499

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 23.0 8.1 12.1#



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

