

Data File : BG025953.D
Acq On : 25 Feb 2017 4:59
Operator : SJ/MA
Sample : PB97153BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97153BS

Quant Time: Feb 25 05:37:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	83606	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	426760	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	298241	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	755190	20.00	ng	0.00
75) Chrysene-d12	21.66	240	770868	20.00	ng	-0.01
86) Perylene-d12	24.87	264	753308	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	469050	97.67	ng	0.00
7) Phenol-d6	7.23	99	697565	98.16	ng	0.00
23) Nitrobenzene-d5	9.24	82	562456	83.17	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	328113	119.08	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1604177	93.99	ng	0.00
78) Terphenyl-d14	20.01	244	2330796	73.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	62506	28.48	ng	# 85
3) Pyridine	3.94	79	191421	29.27	ng	# 79
4) n-Nitrosodimethylamine	3.85	42	82215	34.96	ng	# 43
6) Aniline	7.40	93	266101	26.93	ng	# 91
8) 2-Chlorophenol	7.65	128	258645	45.32	ng	# 87
9) Benzaldehyde	7.21	77	88403	20.99	ng	# 74
10) Phenol	7.26	94	356443	46.16	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	227548	35.85	ng	# 90
12) 1,3-Dichlorobenzene	7.97	146	240110	36.39	ng	# 87
13) 1,4-Dichlorobenzene	8.12	146	251850	37.68	ng	# 95
14) 1,2-Dichlorobenzene	8.44	146	244588	37.28	ng	# 90
15) Benzyl Alcohol	8.31	79	240140	46.15	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311293	33.80	ng	# 90
17) 2-Methylphenol	8.51	107	249704	44.89	ng	# 82
18) Hexachloroethane	9.17	117	80767	36.46	ng	# 86
19) n-Nitroso-di-n-propylamine	8.88	70	205325	39.56	ng	# 83
20) 3+4-Methylphenols	8.84	107	361162	45.57	ng	# 87
22) Acetophenone	8.90	105	388922	37.98	ng	# 81
24) Nitrobenzene	9.28	77	279207	38.18	ng	# 77
25) Isophorone	9.80	82	587621	39.49	ng	# 92
26) 2-Nitrophenol	9.99	139	152745	44.67	ng	# 72
27) 2,4-Dimethylphenol	10.04	122	295234	46.26	ng	# 88
28) bis(2-Chloroethoxy)methane	10.28	93	358964	38.06	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	296581	48.69	ng	# 96
30) 1,2,4-Trichlorobenzene	10.75	180	258430	39.01	ng	# 97
31) Naphthalene	10.94	128	830662	37.65	ng	# 99
32) Benzoic acid	10.17	122	242206	49.70	ng	# 76
33) 4-Chloroaniline	11.03	127	179878	18.77	ng	# 84
34) Hexachlorobutadiene	11.22	225	137157	36.38	ng	# 99
35) Caprolactam	11.79	113	89738	36.48	ng	# 76
36) 4-Chloro-3-methylphenol	12.15	107	356180	48.87	ng	# 83
37) 2-Methylnaphthalene	12.53	142	691154	41.13	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	309464	41.40	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	346741	84.77	ng	# 97

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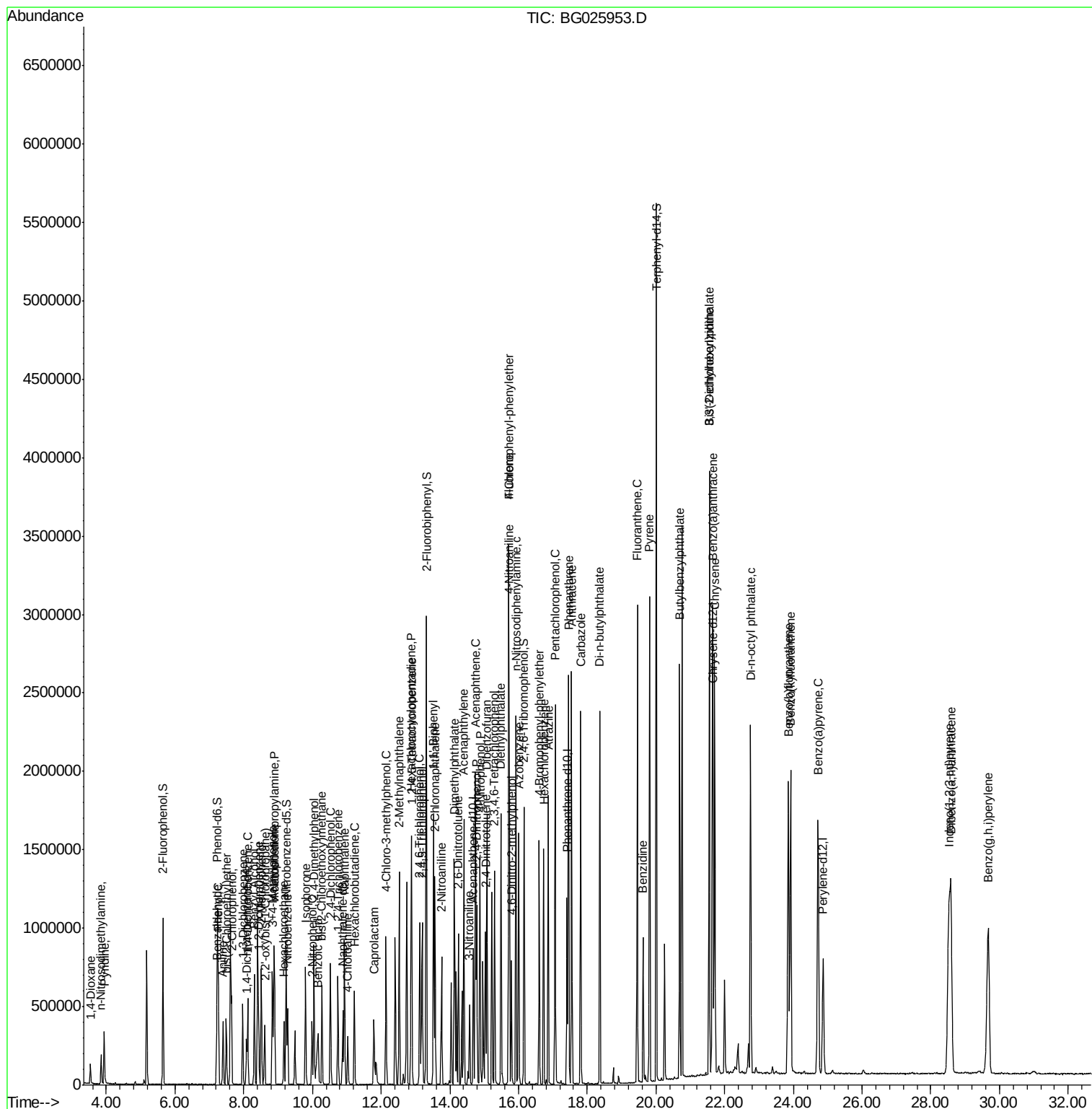
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	261257	54.12	ng	95
43) 2,4,5-Trichlorophenol	13.20	196	279471	50.99	ng #	93
45) 1,1'-Biphenyl	13.52	154	938127	43.41	ng	99
46) 2-Chloronaphthalene	13.57	162	681605	43.62	ng	99
47) 2-Nitroaniline	13.76	65	250715	50.59	ng #	69
48) Acenaphthylene	14.41	152	1223730	43.99	ng	99
49) Dimethylphthalate	14.13	163	990560	48.41	ng	98
50) 2,6-Dinitrotoluene	14.25	165	229339	49.90	ng #	69
51) Acenaphthene	14.75	154	795855	43.32	ng	99
52) 3-Nitroaniline	14.57	138	147047	28.60	ng #	73
53) 2,4-Dinitrophenol	14.78	184	275058	114.36	ng #	86
54) Dibenzofuran	15.08	168	1193927	48.74	ng	92
55) 4-Nitrophenol	14.88	139	455238	108.81	ng #	50
56) 2,4-Dinitrotoluene	15.04	165	331567	53.62	ng #	78
57) Fluorene	15.72	166	1007572	46.03	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	273634	56.60	ng	97
59) Diethylphthalate	15.49	149	1040590	49.17	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	471244	46.46	ng	94
61) 4-Nitroaniline	15.74	138	272572	51.15	ng #	55
62) Azobenzene	16.01	77	934246	51.36	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	197239	44.63	ng	92
65) n-Nitrosodiphenylamine	15.92	169	928063	40.52	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	320976	40.55	ng	96
67) Hexachlorobenzene	16.73	284	334560	41.01	ng	95
68) Atrazine	16.86	200	344653	42.52	ng	96
69) Pentachlorophenol	17.06	266	435221	86.49	ng	96
70) Phenanthrene	17.46	178	1639231	39.99	ng	97
71) Anthracene	17.55	178	1684656	40.31	ng	100
72) Carbazole	17.81	167	1585121	37.75	ng	97
73) Di-n-butylphthalate	18.37	149	1824954	44.28	ng #	94
74) Fluoranthene	19.45	202	1844704	40.87	ng	95
76) Benzidine	19.63	184	562457	23.11	ng	97
77) Pyrene	19.81	202	1858695	38.12	ng	99
79) Butylbenzylphthalate	20.69	149	827098	44.70	ng	90
80) Benzo(a)anthracene	21.65	228	1777339	39.49	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	423565	26.40	ng #	98
82) Chrysene	21.71	228	1624014	37.52	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1155393	43.25	ng	97
84) Di-n-octyl phthalate	22.75	149	2012323	45.61	ng #	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2129871	41.78	ng #	88
87) Benzo(b)fluoranthene	23.85	252	1817190	40.28	ng #	96
88) Benzo(k)fluoranthene	23.92	252	1768508	40.18	ng #	95
89) Benzo(a)pyrene	24.71	252	1765847	41.33	ng #	95
90) Dibenzo(a,h)anthracene	28.59	278	1762647	41.07	ng #	93
91) Benzo(g,h,i)perylene	29.67	276	1764538	41.01	ng #	87

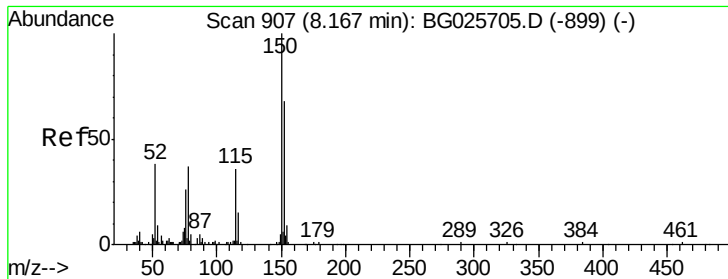
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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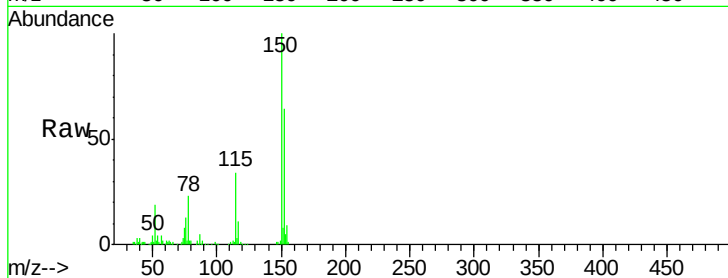
Tgt Ion:152 Resp: 83606

Ion Ratio Lower Upper

152 100

150 157.1 114.0 171.0

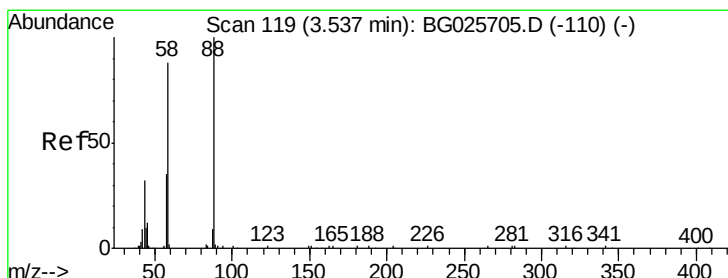
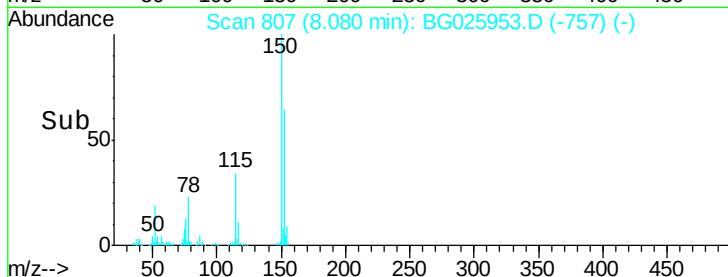
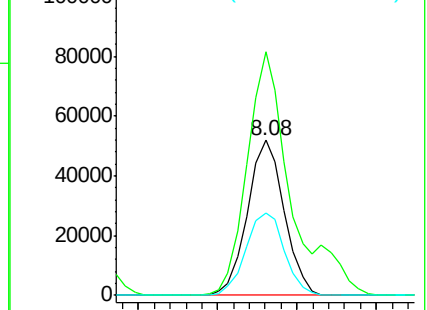
115 53.2 48.1 72.1



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: 28.48 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

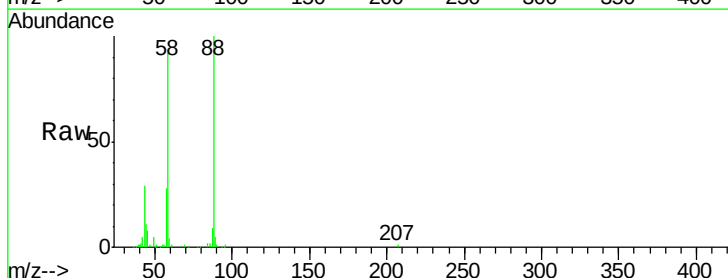
Tgt Ion: 88 Resp: 62506

Ion Ratio Lower Upper

88 100

58 90.1 79.4 119.2

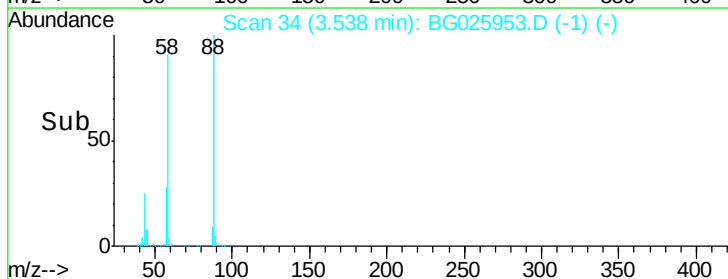
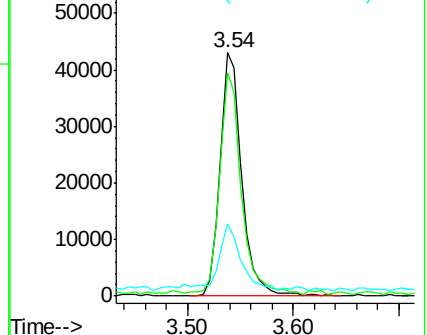
43 24.8 33.8 50.6#

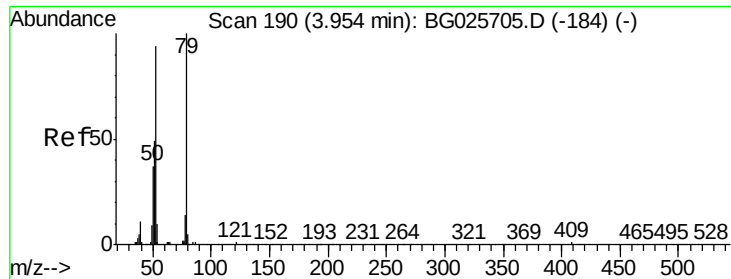


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.27 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

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PB97153BS

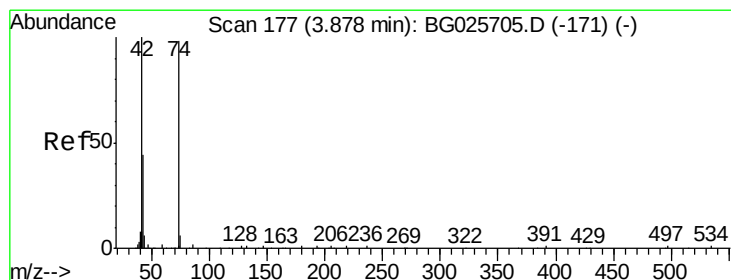
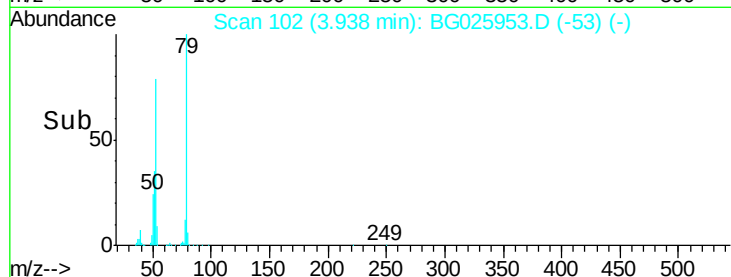
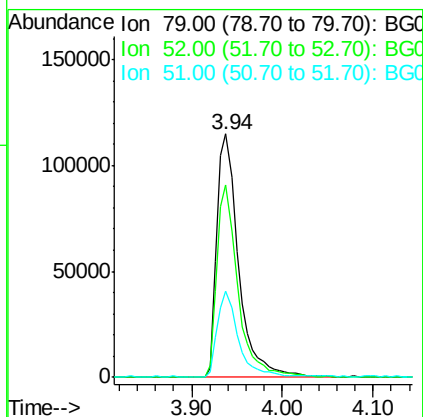
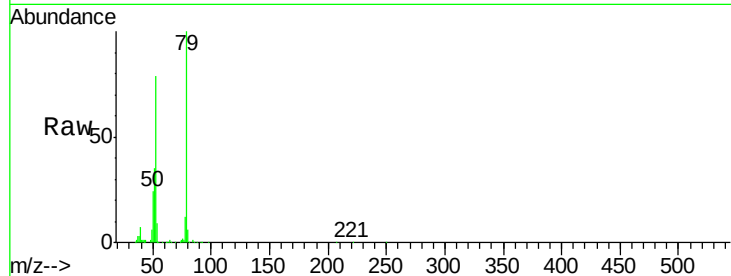
Tgt Ion: 79 Resp: 191421

Ion Ratio Lower Upper

79 100

52 79.1 77.8 116.6

51 35.3 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 34.96 ng

RT: 3.85 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

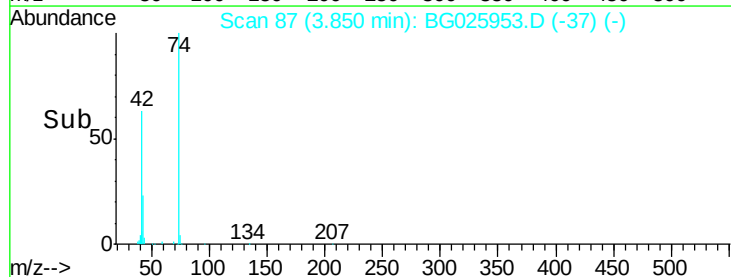
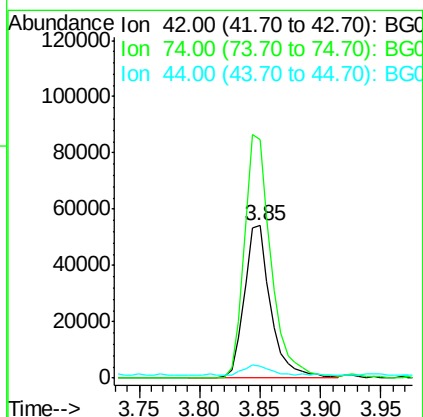
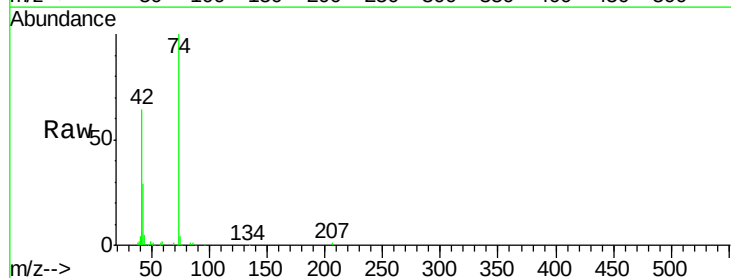
Tgt Ion: 42 Resp: 82215

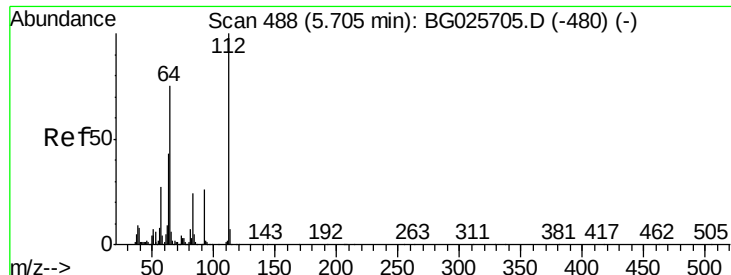
Ion Ratio Lower Upper

42 100

74 156.0 76.7 115.1#

44 7.6 6.1 9.1





#5

2-Fluorophenol

Concen: 97.67 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

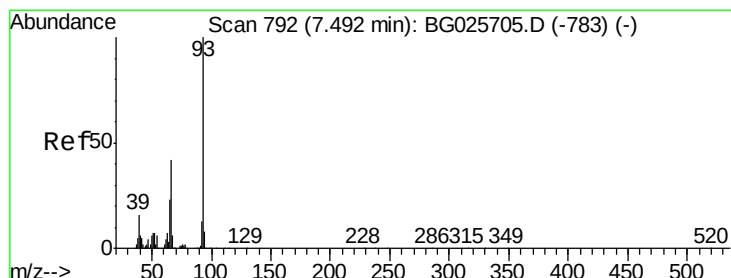
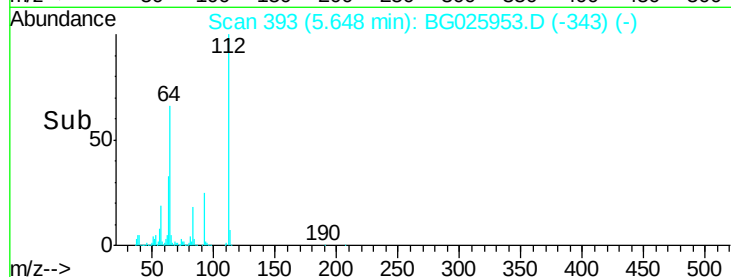
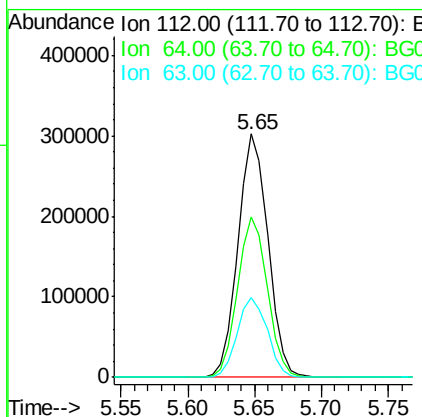
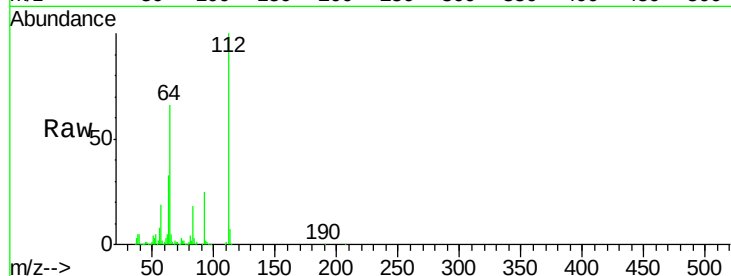
Instrument :

BNA_G

ClientSampleId :

PB97153BS

Tgt Ion:	112	Resp:	469050
Ion Ratio	Lower	Upper	
112	100		
64	65.8	61.8	92.6
63	32.8	37.2	55.8#



#6

Aniline

Concen: 26.93 ng

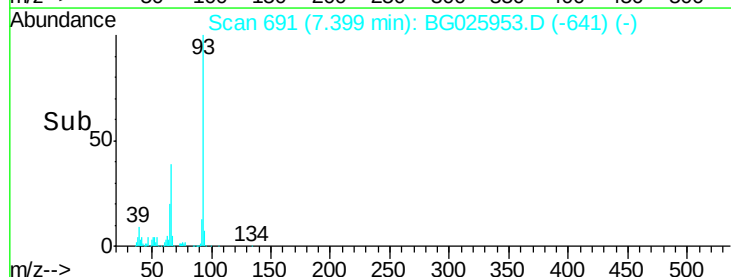
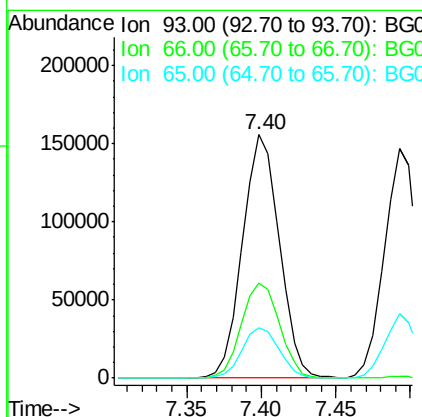
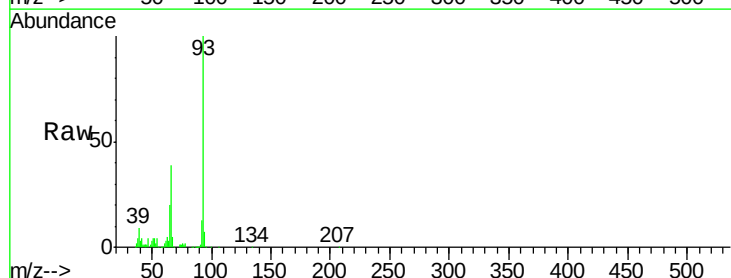
RT: 7.40 min Scan# 691

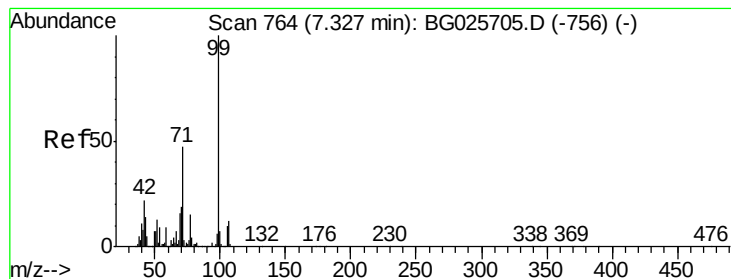
Delta R.T. -0.01 min

Lab File: BG025953.D

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Tgt Ion:	93	Resp:	266101
Ion Ratio	Lower	Upper	
93	100		
66	39.1	35.4	53.2
65	20.5	21.2	31.8#





#7

Phenol-d6

Concen: 98.16 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

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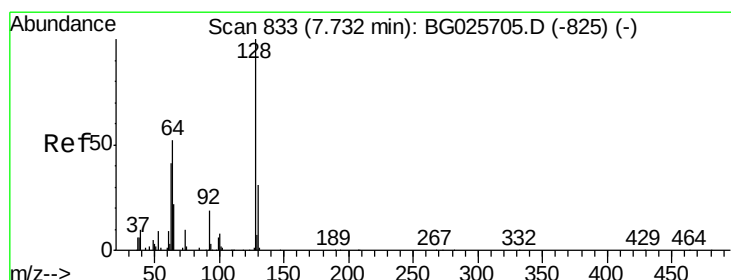
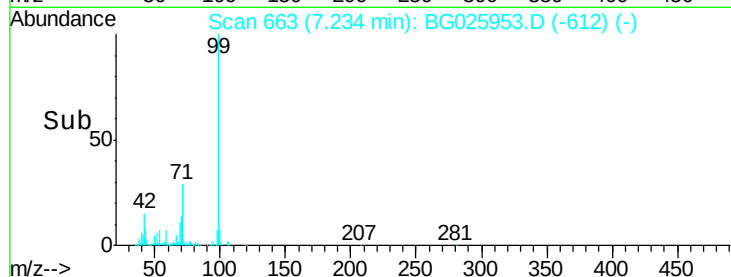
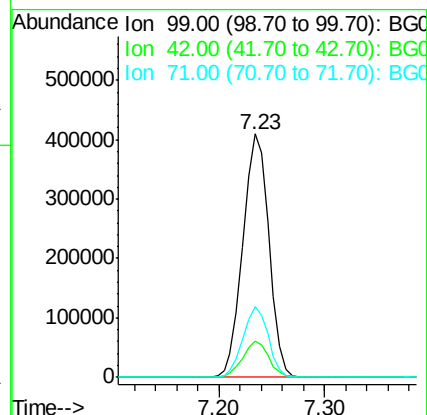
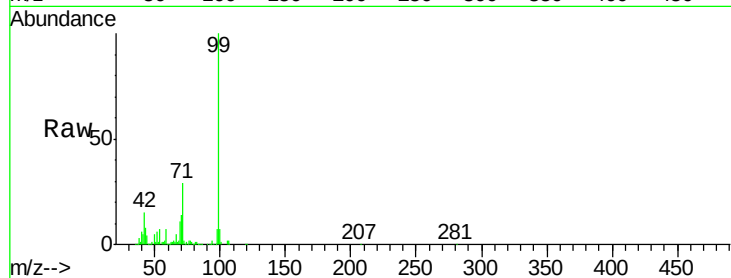
Tgt Ion: 99 Resp: 697565

Ion Ratio Lower Upper

99 100

42 15.0 20.5 30.7#

71 29.1 37.6 56.4#



#8

2-Chlorophenol

Concen: 45.32 ng

RT: 7.65 min Scan# 733

Delta R.T. -0.01 min

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Acq: 25 Feb 2017 4:59

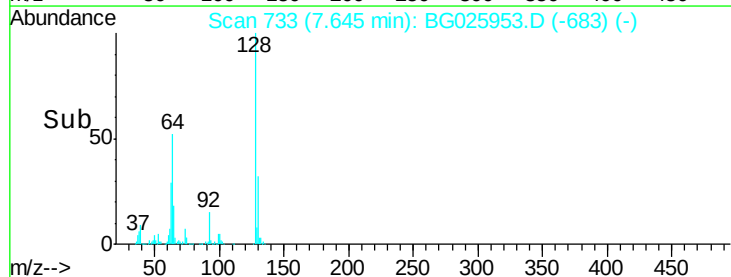
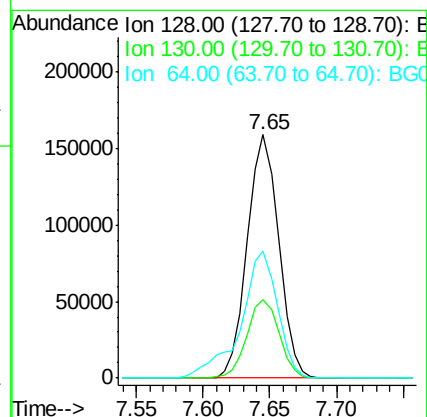
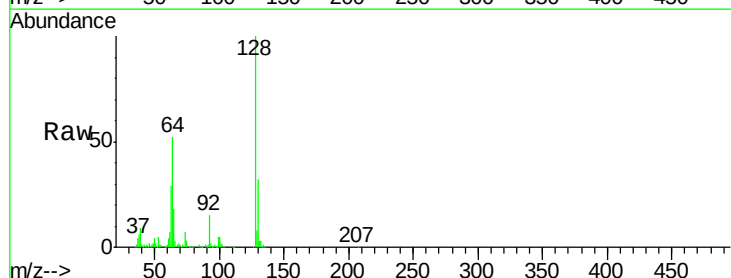
Tgt Ion: 128 Resp: 258645

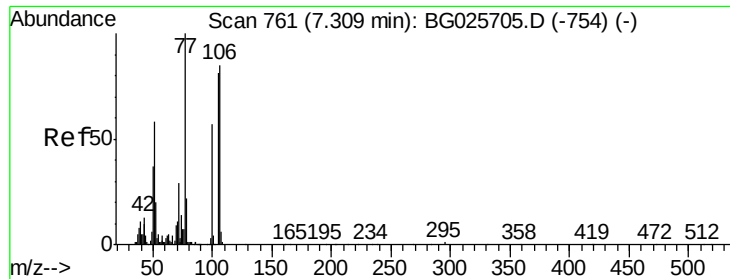
Ion Ratio Lower Upper

128 100

130 32.3 11.4 51.4

64 52.2 46.6 86.6





#9

Benzaldehyde

Concen: 20.99 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

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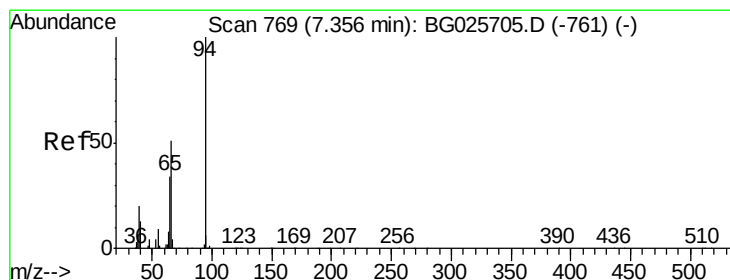
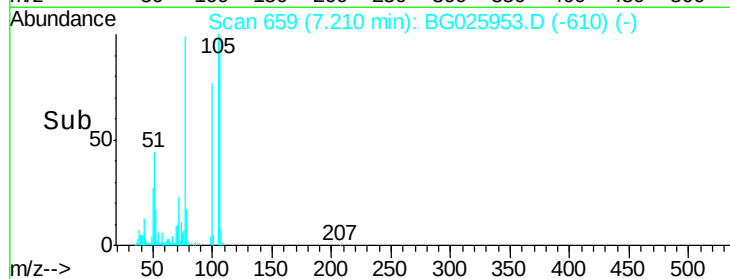
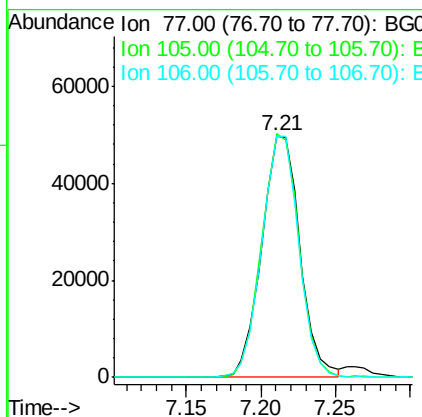
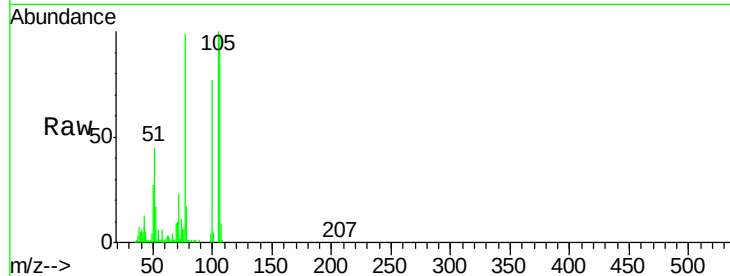
Instrument :

BNA_G

ClientSampleId :

PB97153BS

Tgt Ion:	77	Resp:	88403
Ion	Ratio	Lower	Upper
77	100		
105	101.0	60.9	100.9#
106	99.9	55.1	95.1#



#10

Phenol

Concen: 46.16 ng

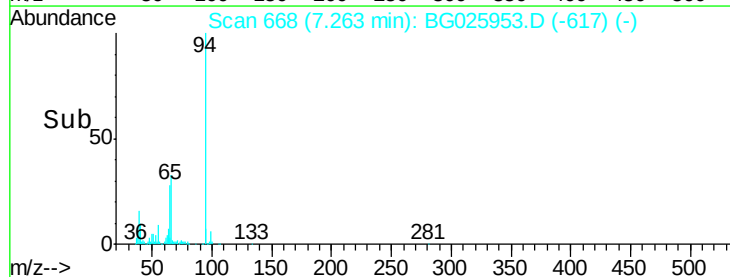
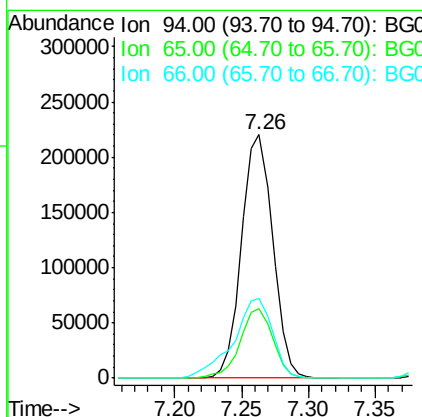
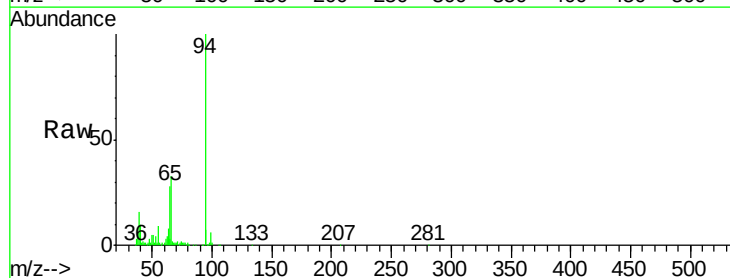
RT: 7.26 min Scan# 668

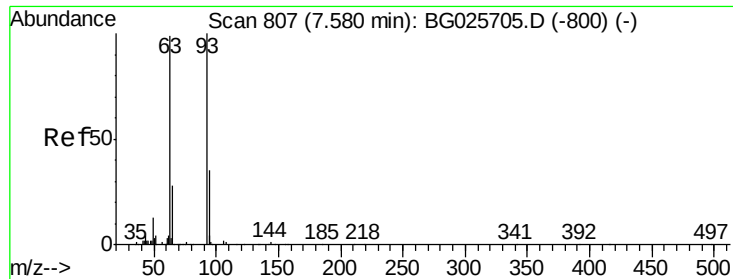
Delta R.T. -0.00 min

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Tgt Ion:	94	Resp:	356443
Ion	Ratio	Lower	Upper
94	100		
65	28.4	20.6	60.6
66	33.0	35.5	75.5#

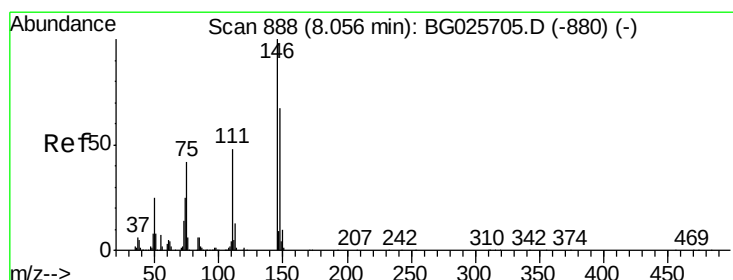
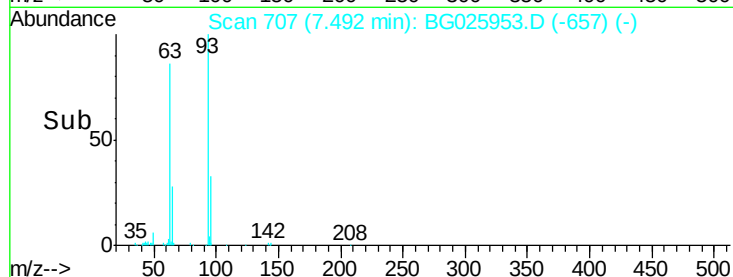
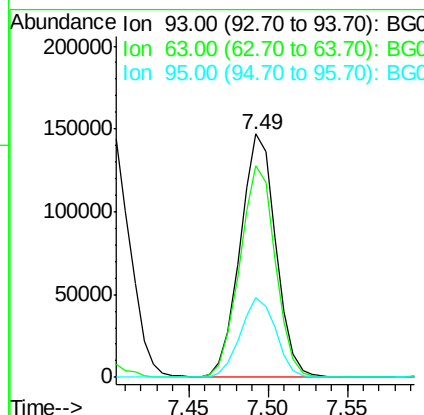
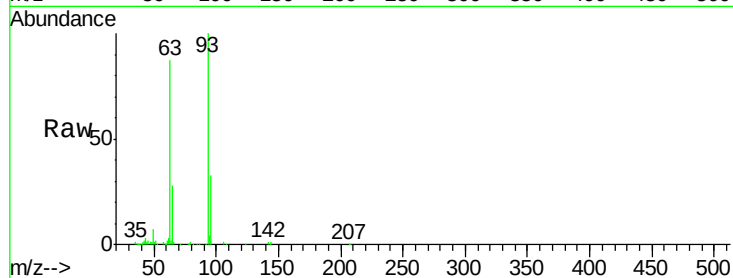




#11
 bis(2-Chloroethyl)ether
 Concen: 35.85 ng
 RT: 7.49 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

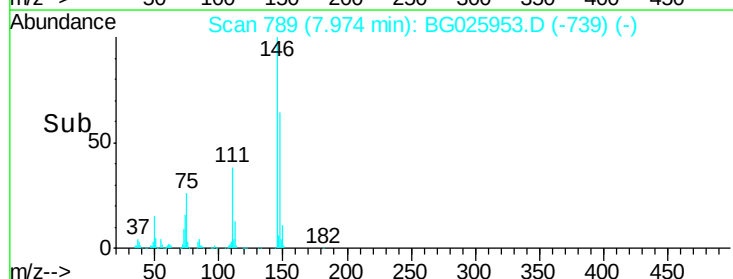
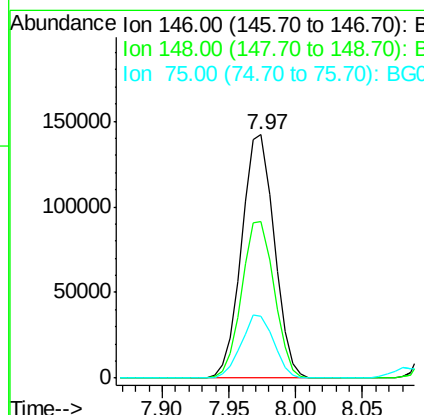
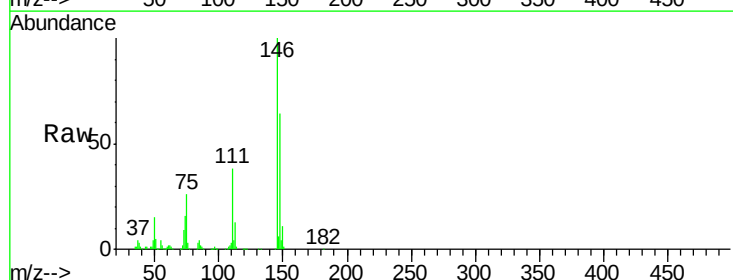
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

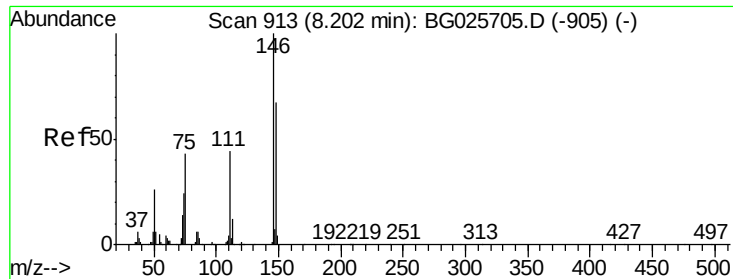
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.7	78.5	118.5
95	32.9	9.8	49.8



#12
 1,3-Dichlorobenzene
 Concen: 36.39 ng
 RT: 7.97 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.2	73.8
75	25.6	33.4	50.2

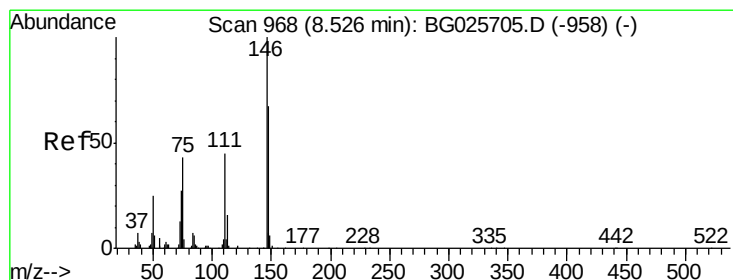
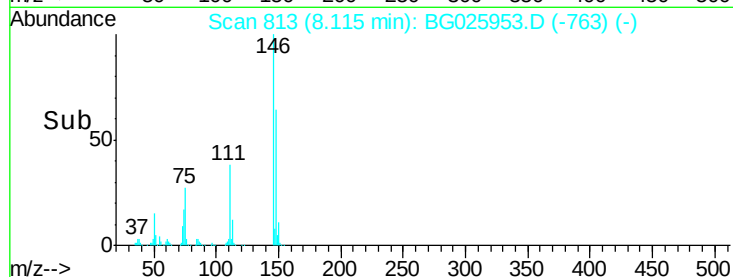
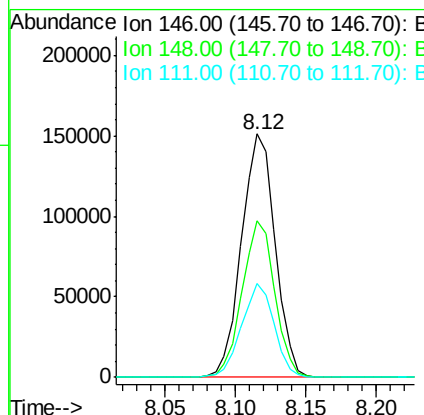
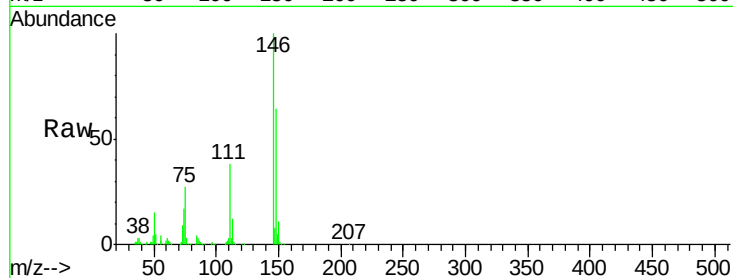




#13
 1,4-Dichlorobenzene
 Concen: 37.68 ng
 RT: 8.12 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

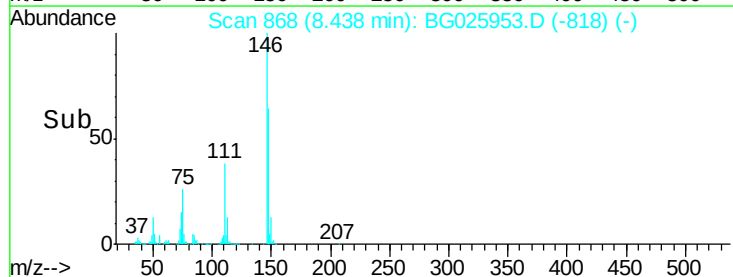
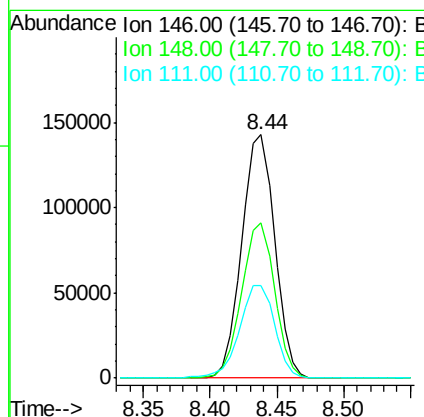
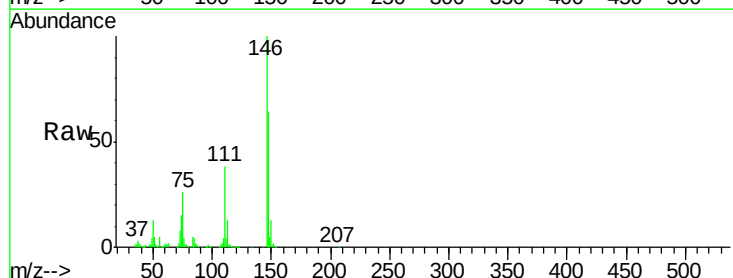
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

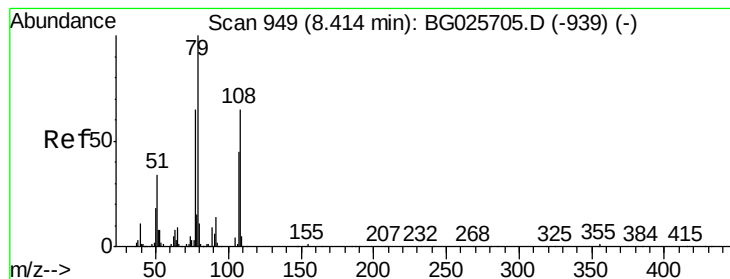
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	38.5	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 37.28 ng
 RT: 8.44 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	54.6	81.8
111	37.9	39.7	59.5





#15

Benzyl Alcohol

Concen: 46.15 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

Instrument :

BNA_G

ClientSampleId :

PB97153BS

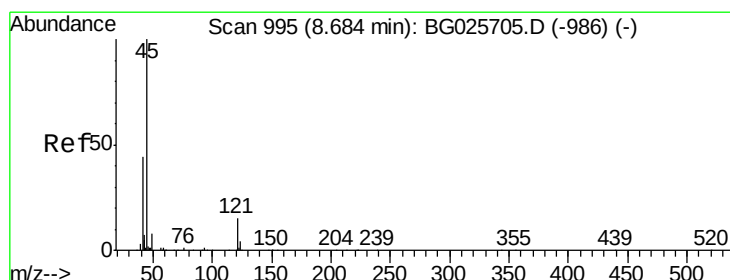
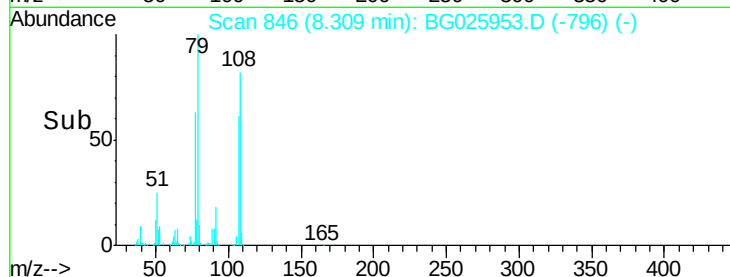
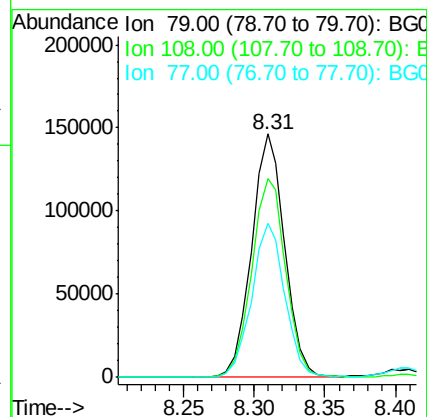
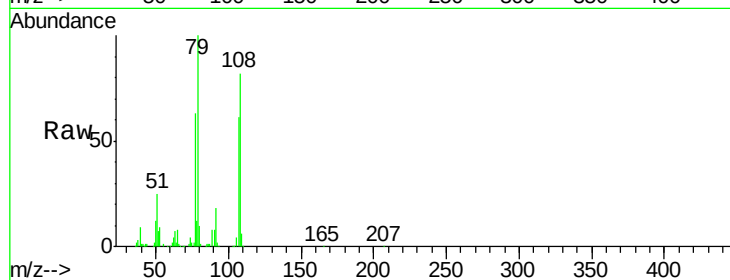
Tgt Ion: 79 Resp: 240140

Ion Ratio Lower Upper

79 100

108 81.7 45.5 68.3#

77 63.5 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.80 ng

RT: 8.61 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

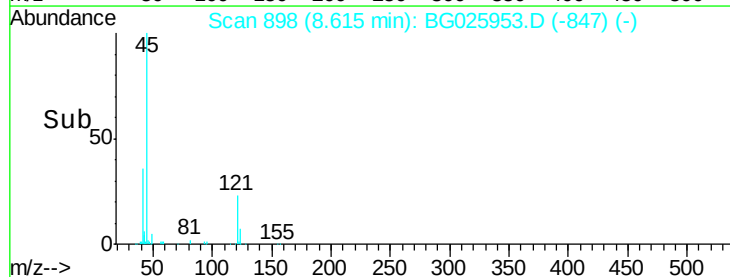
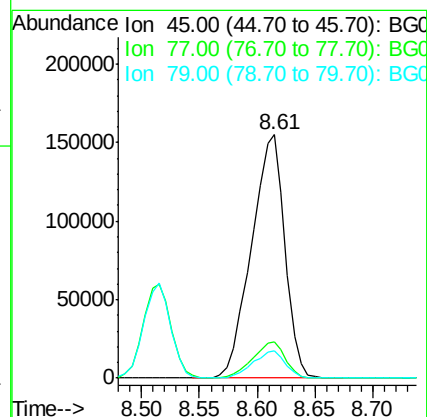
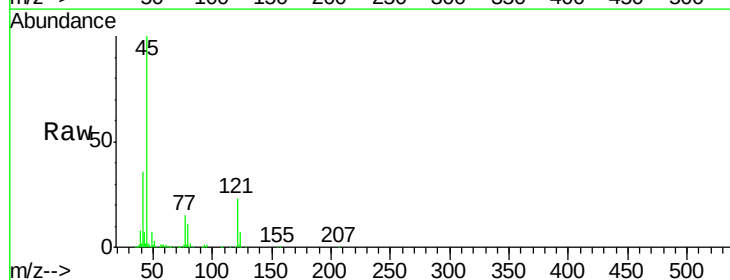
Tgt Ion: 45 Resp: 311293

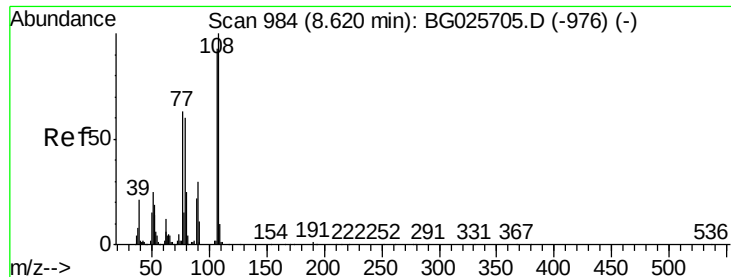
Ion Ratio Lower Upper

45 100

77 14.8 0.0 30.6

79 11.5 0.0 28.5





#17

2-Methylphenol

Concen: 44.89 ng

RT: 8.51 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

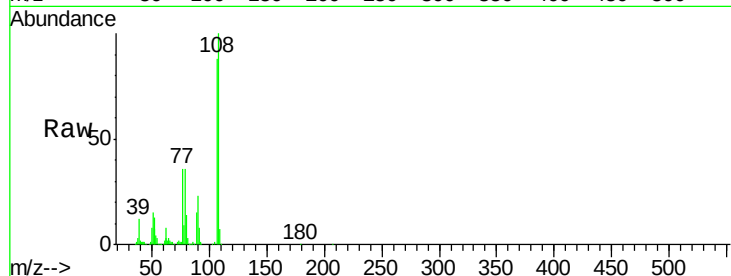
Instrument :

BNA_G

ClientSampleId :

PB97153BS

Tgt Ion:	107	Resp:	249704
Ion Ratio	Lower	Upper	
107	100		
108	113.6	85.6	128.4
77	40.7	51.4	77.2#
79	41.2	49.2	73.8#

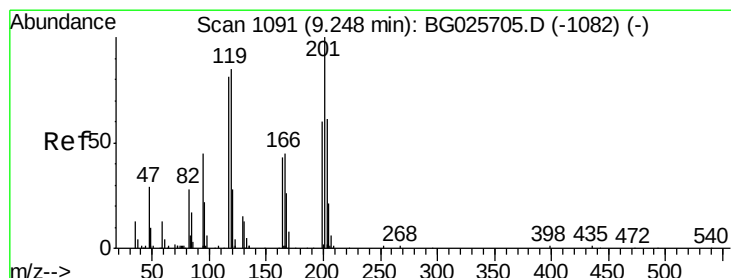
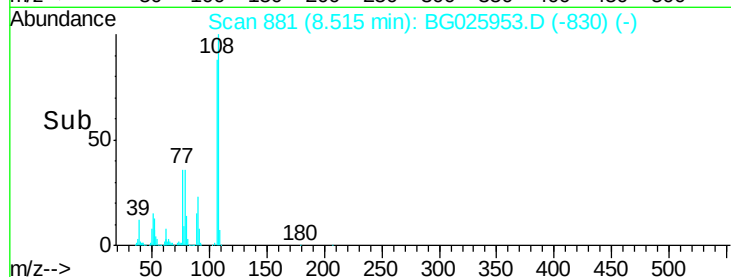
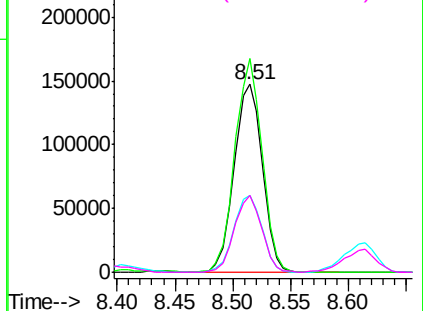


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.46 ng

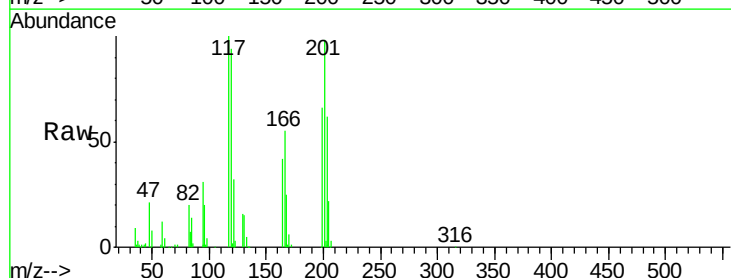
RT: 9.17 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

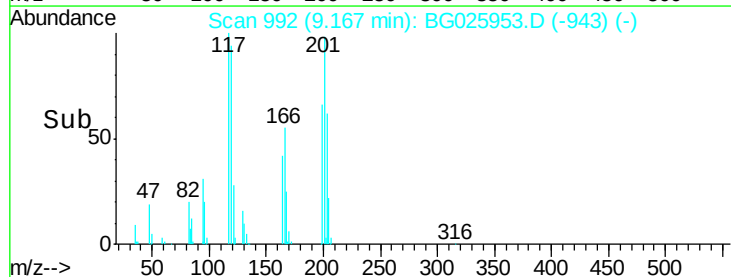
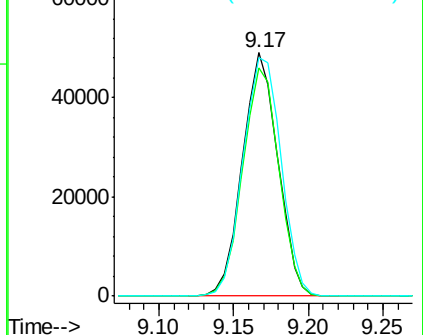
Tgt Ion:	117	Resp:	80767
Ion Ratio	Lower	Upper	
117	100		
119	93.6	69.8	104.6
201	98.1	95.4	143.0

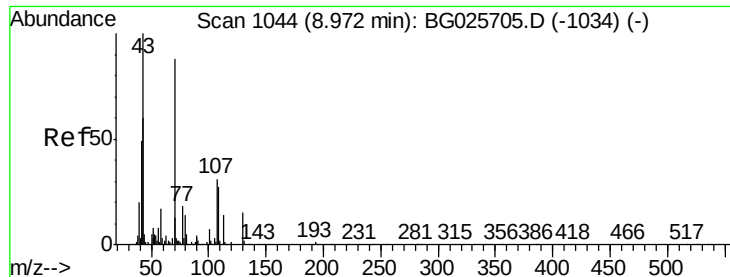


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

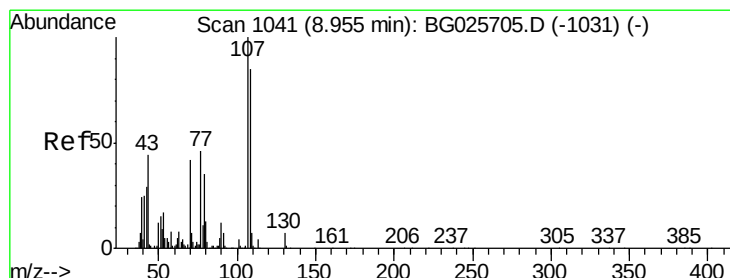
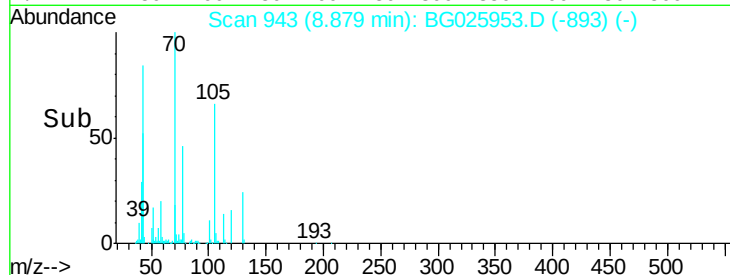
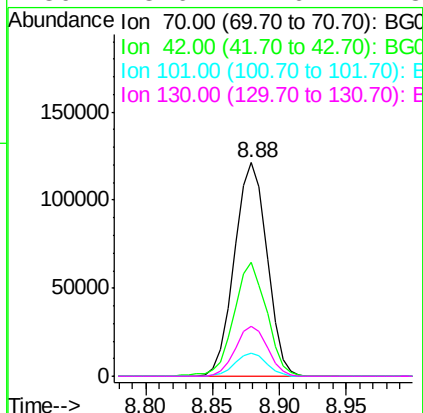
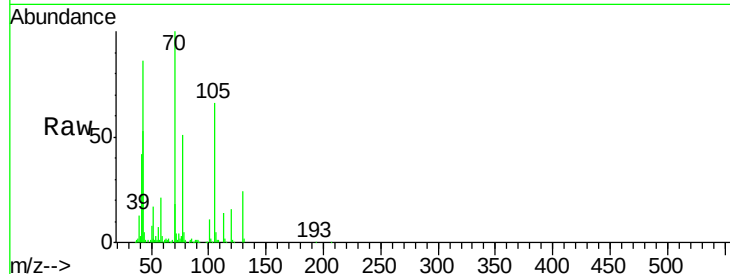




#19
n-Nitroso-di-n-propylamine
Concen: 39.56 ng
RT: 8.88 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

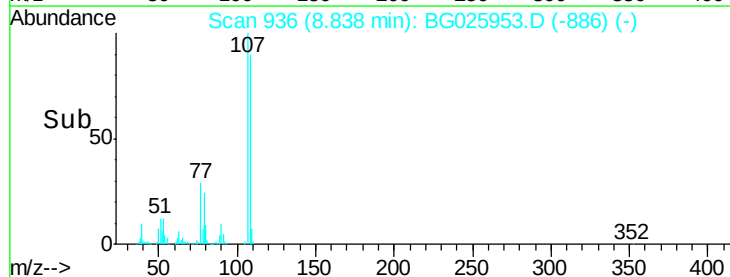
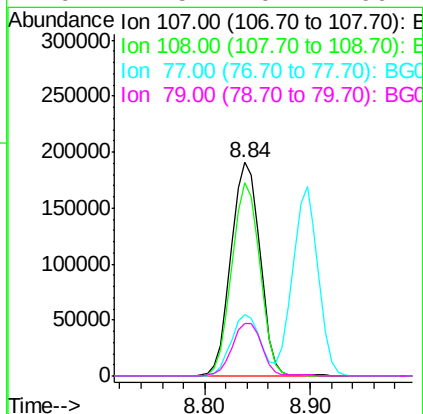
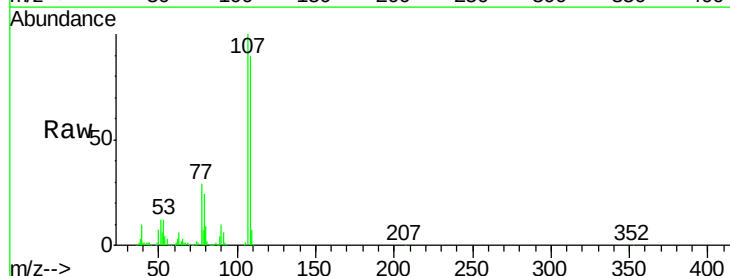
Instrument :
BNA_G
ClientSampleId :
PB97153BS

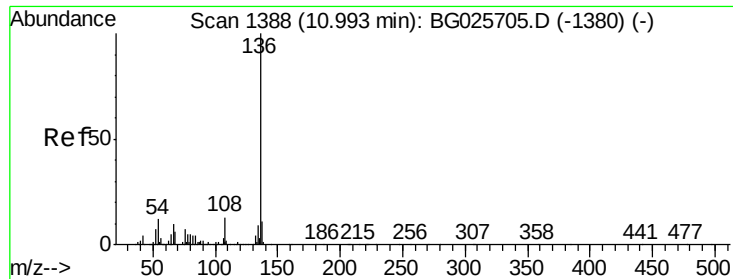
Tgt Ion:	70	Resp:	205325
Ion	Ratio	Lower	Upper
70	100		
42	53.3	56.1	84.1#
101	11.0	7.5	11.3
130	23.6	14.6	21.8#



#20
3+4-Methylphenols
Concen: 45.57 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

Tgt Ion:	107	Resp:	361162
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.8	110.8
77	29.1	25.8	65.8
79	24.5	20.1	60.1

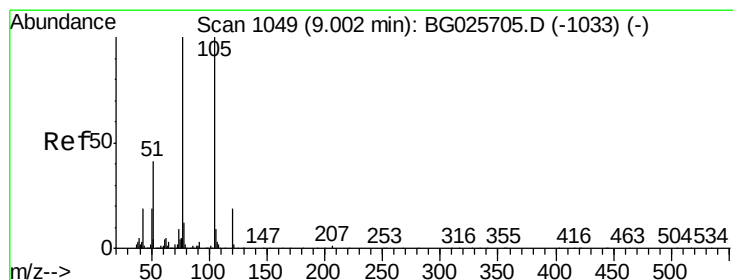
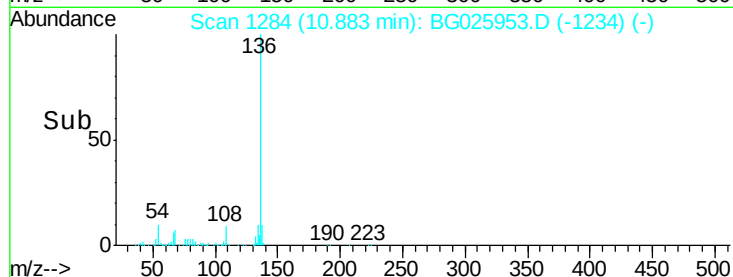
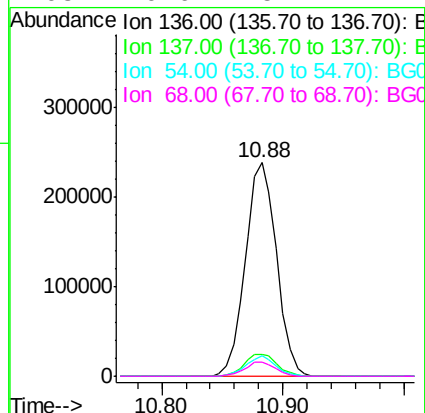
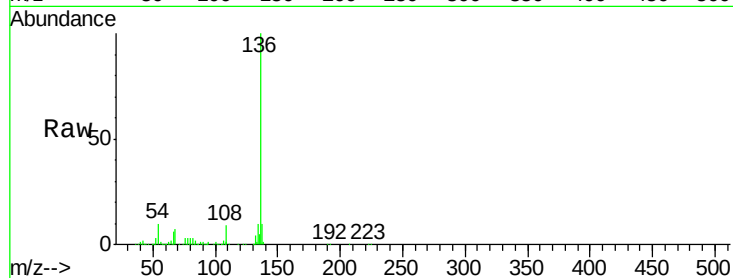




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

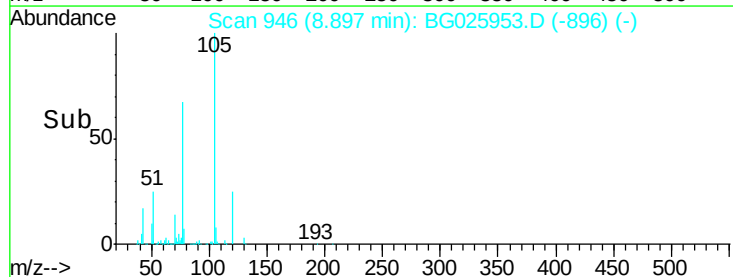
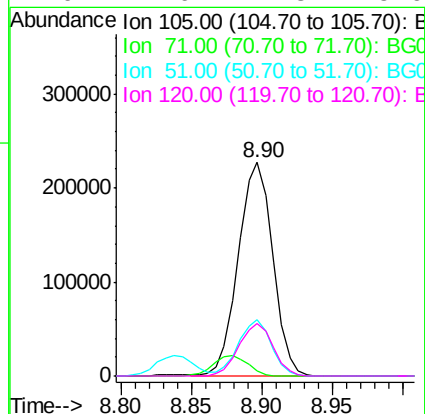
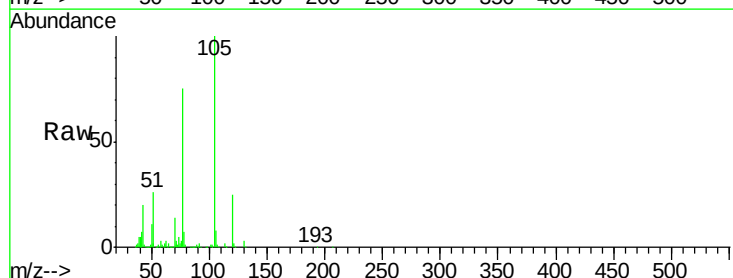
Instrument :
BNA_G
ClientSampleId :
PB97153BS

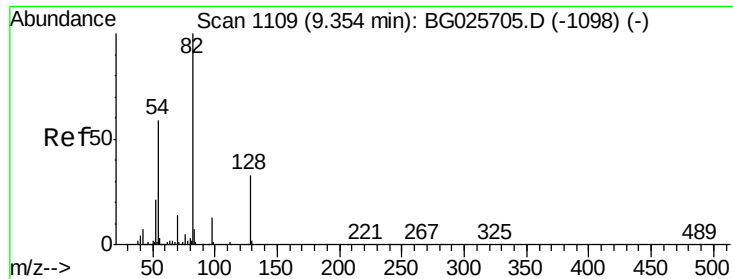
Tgt Ion:	136	Resp:	426760
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.5	9.3	13.9
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 37.98 ng
RT: 8.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

Tgt Ion:	105	Resp:	388922
Ion	Ratio	Lower	Upper
105	100		
71	2.6	0.9	1.3#
51	26.1	34.0	51.0#
120	24.6	17.3	25.9

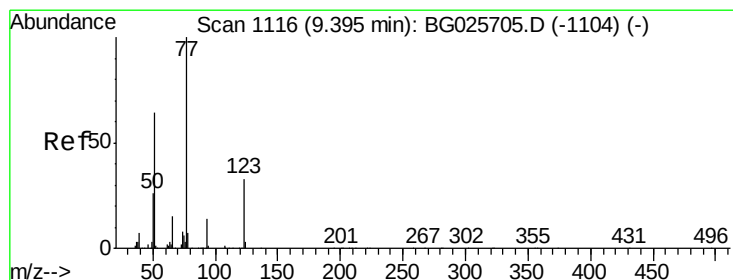
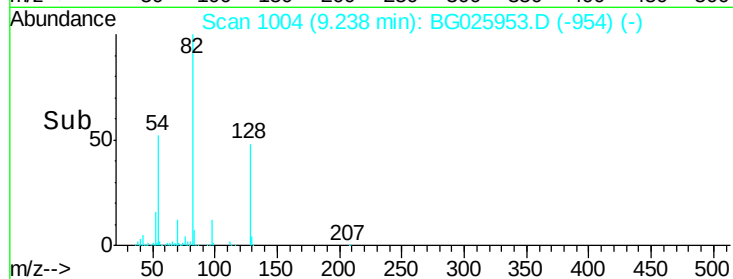
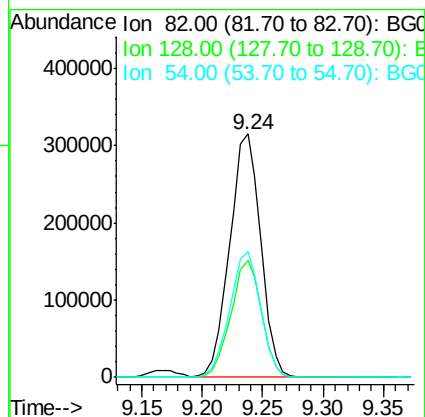
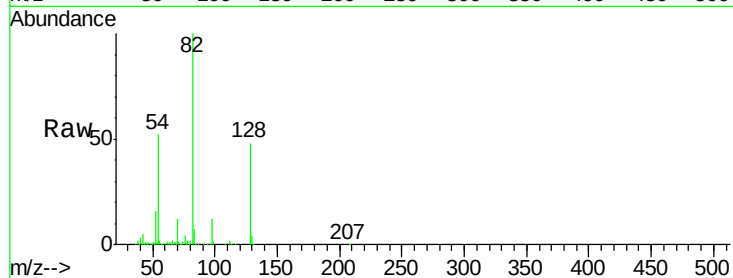




#23
 Nitrobenzene-d5
 Concen: 83.17 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

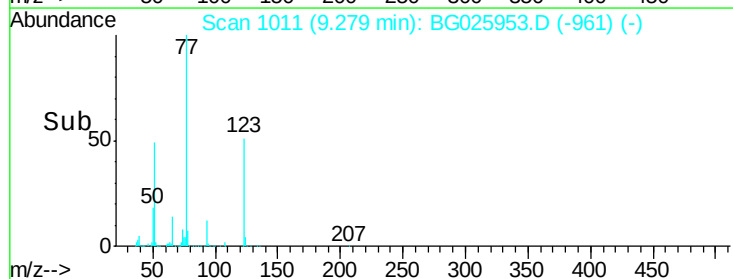
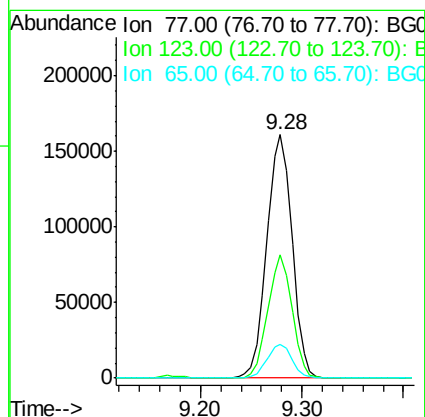
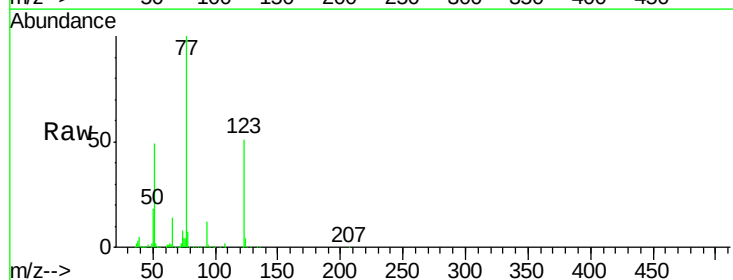
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

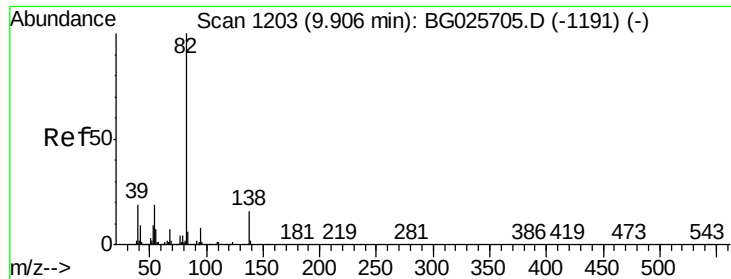
Tgt Ion: 82 Resp: 562456
 Ion Ratio Lower Upper
 82 100
 128 47.9 26.4 39.6#
 54 51.9 49.4 74.2



#24
 Nitrobenzene
 Concen: 38.18 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion: 77 Resp: 279207
 Ion Ratio Lower Upper
 77 100
 123 50.6 26.1 39.1#
 65 13.8 12.4 18.6





#25

Isophorone

Concen: 39.49 ng

RT: 9.80 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

Instrument :

BNA_G

ClientSampleId :

PB97153BS

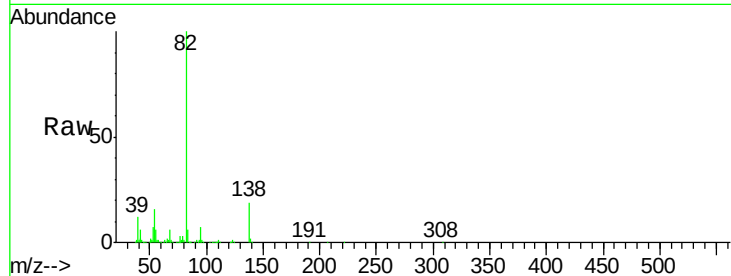
Tgt Ion: 82 Resp: 587621

Ion Ratio Lower Upper

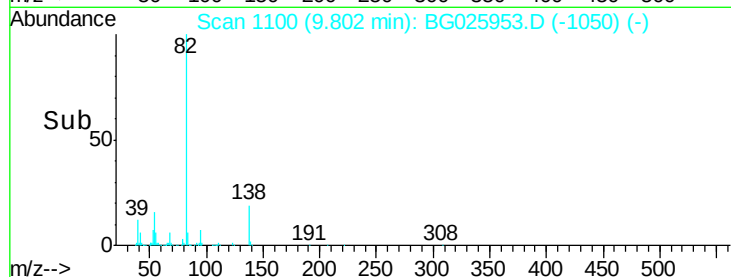
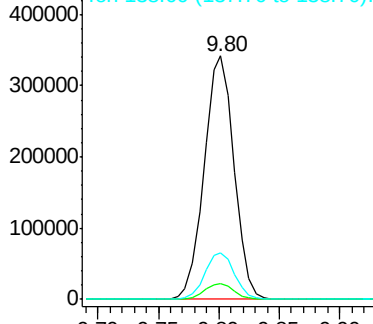
82 100

95 6.6 7.5 11.3#

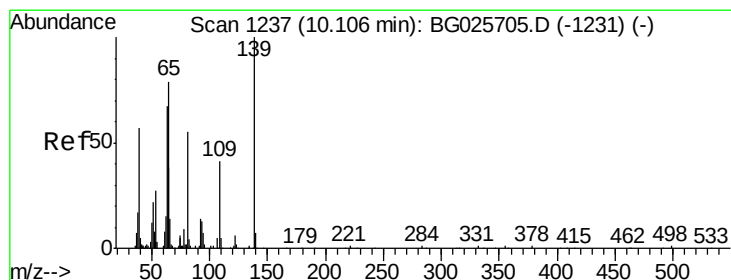
138 19.0 12.3 18.5#



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



Time-->



#26

2-Nitrophenol

Concen: 44.67 ng

RT: 9.99 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

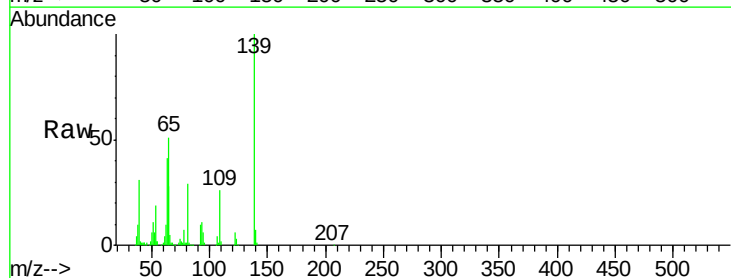
Tgt Ion: 139 Resp: 152745

Ion Ratio Lower Upper

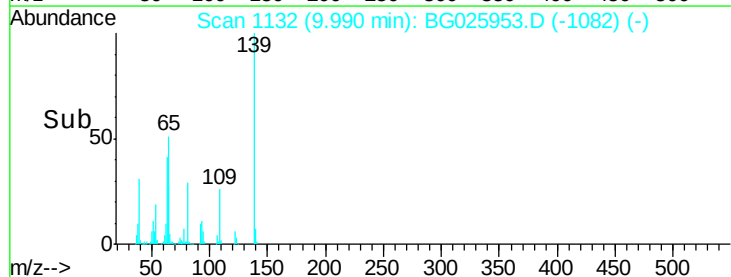
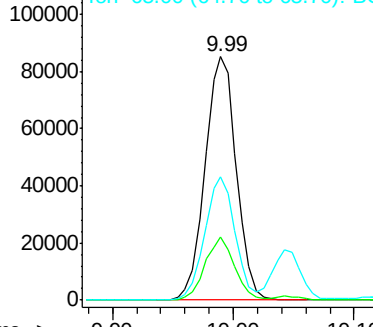
139 100

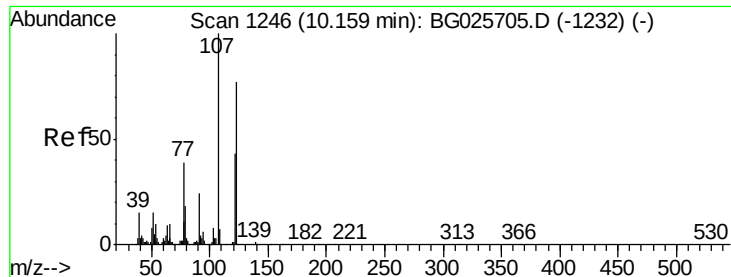
109 26.0 38.6 58.0#

65 50.8 57.1 85.7#



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

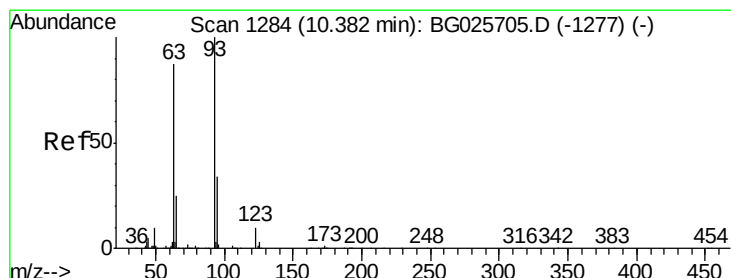
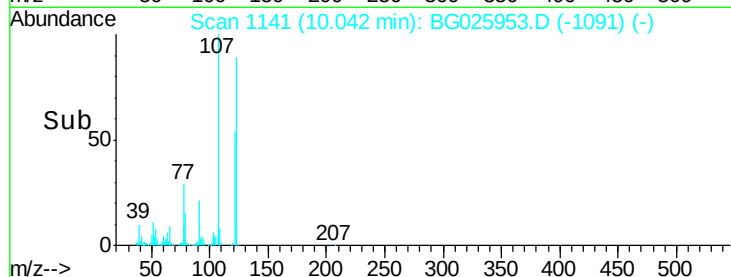
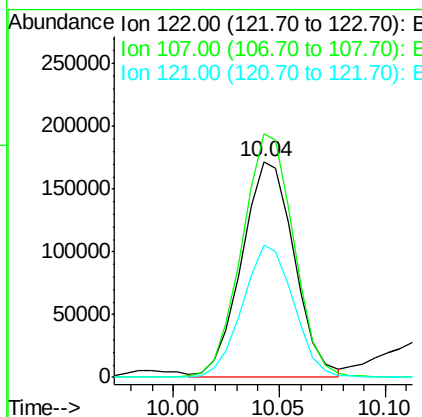
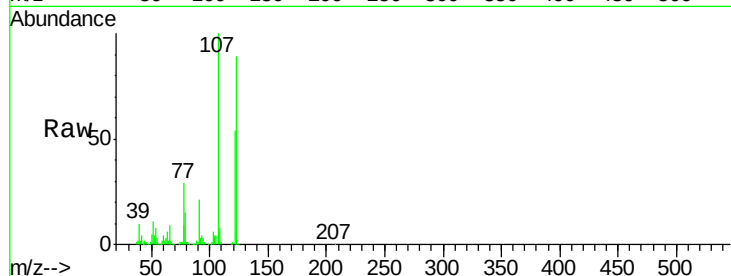




#27
 2,4-Dimethylphenol
 Concen: 46.26 ng
 RT: 10.04 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

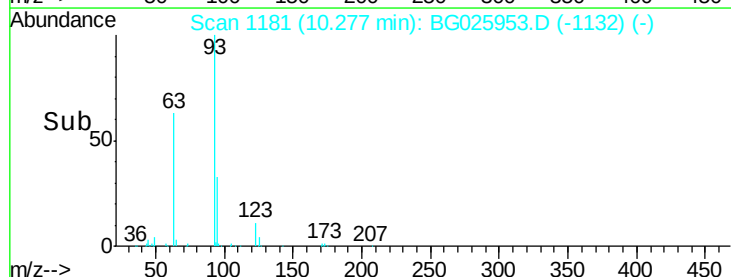
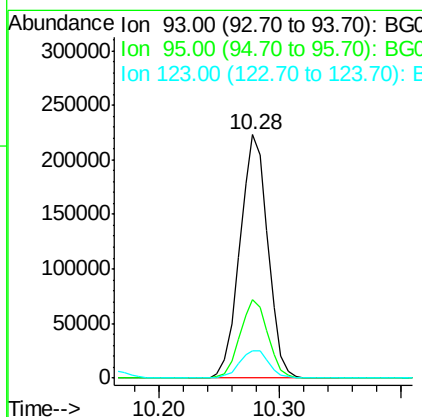
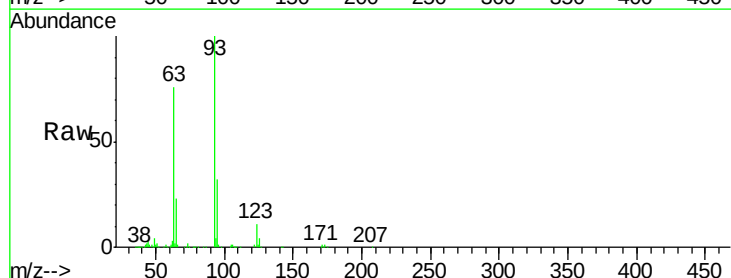
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

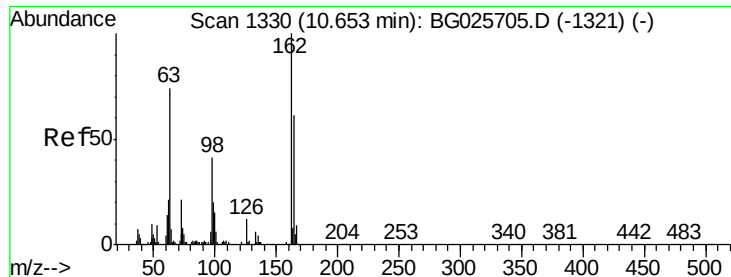
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	104.2	156.4
121	61.1	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.06 ng
 RT: 10.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.4	8.3	12.5

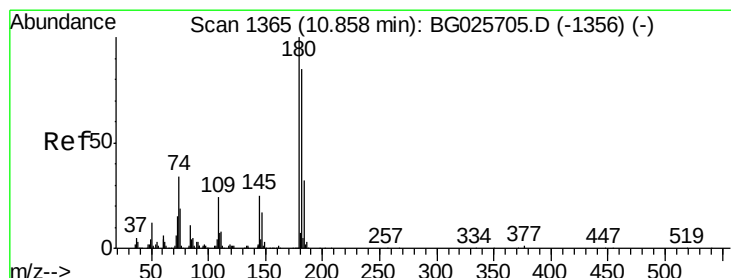
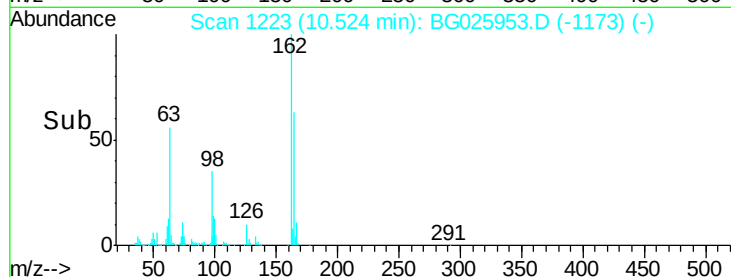
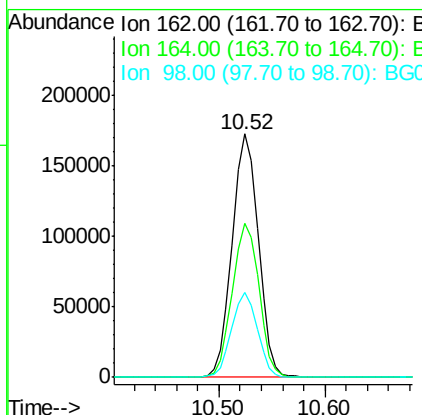
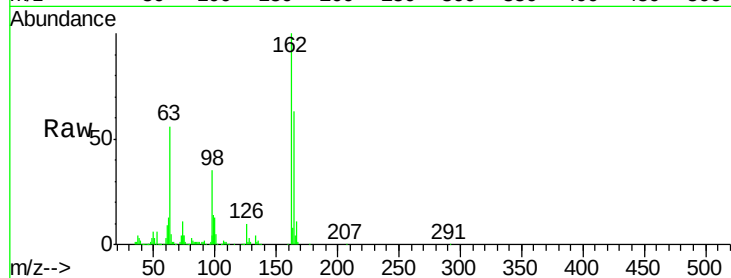




#29
 2,4-Dichlorophenol
 Concen: 48.69 ng
 RT: 10.52 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

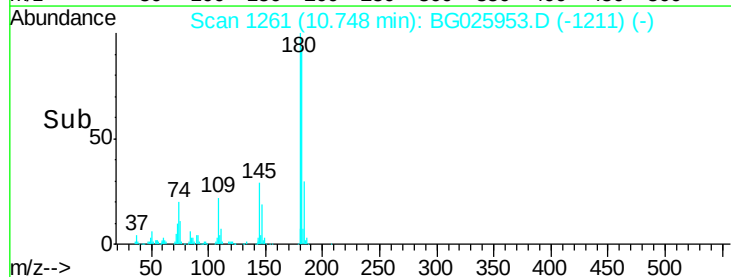
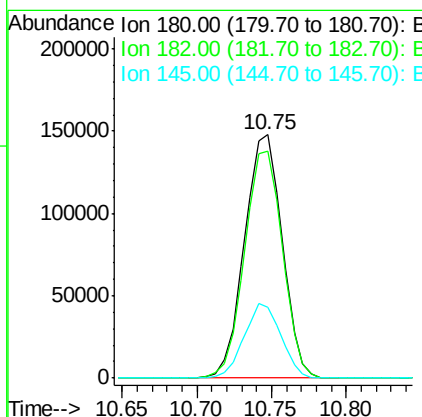
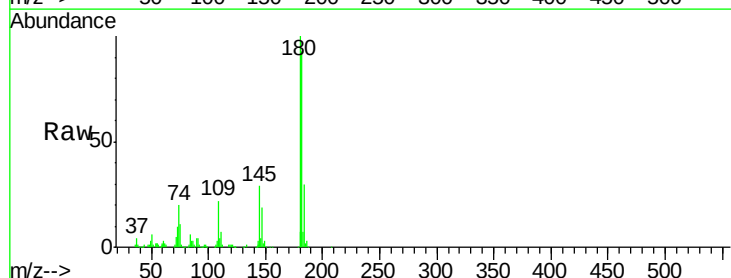
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

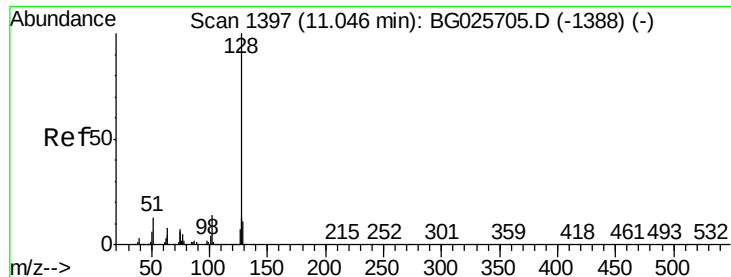
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.4	82.4
98	34.9	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.01 ng
 RT: 10.75 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.0	115.4
145	29.0	23.4	35.0

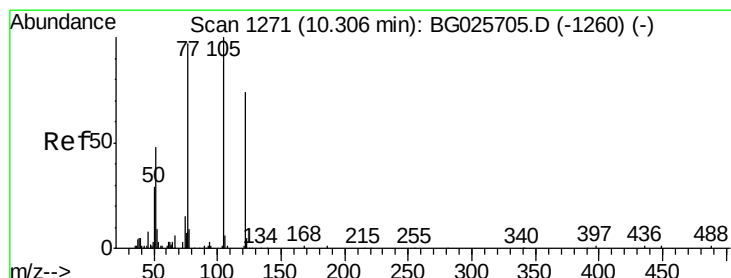
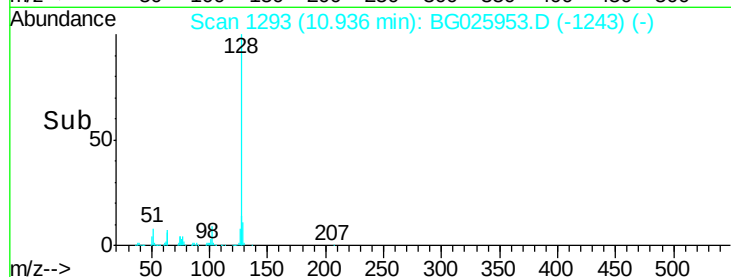
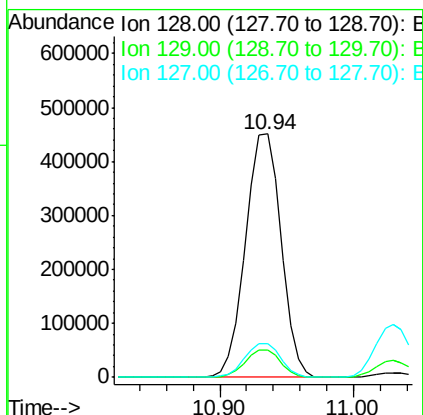
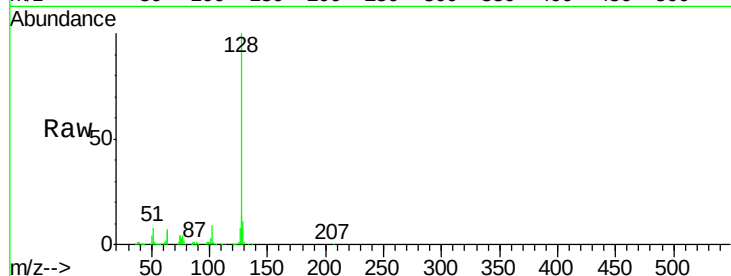




#31
Naphthalene
Concen: 37.65 ng
RT: 10.94 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

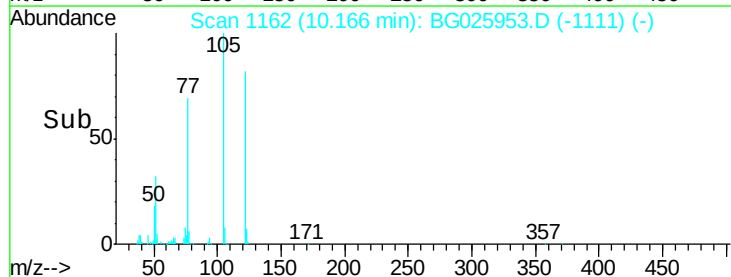
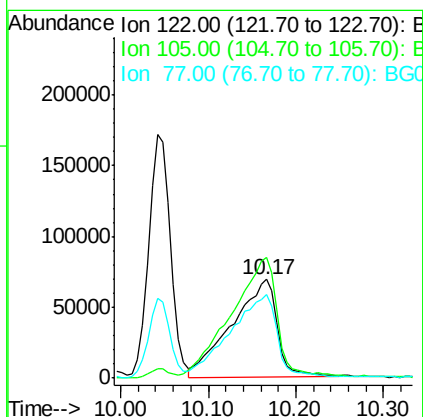
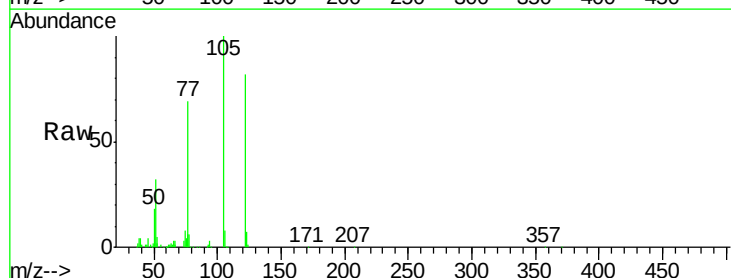
Instrument :
BNA_G
ClientSampleId :
PB97153BS

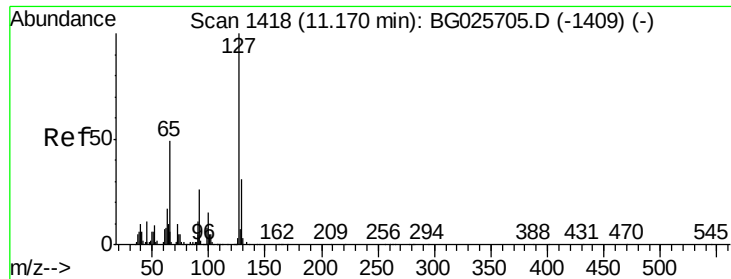
Tgt Ion:128 Resp: 830662
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 49.70 ng
RT: 10.17 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

Tgt Ion:122 Resp: 242206
Ion Ratio Lower Upper
122 100
105 122.4 120.1 160.1
77 84.8 104.6 144.6#

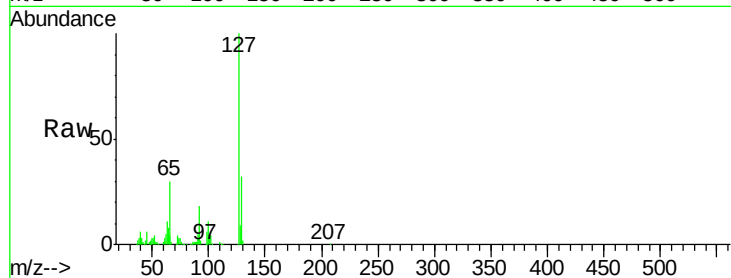




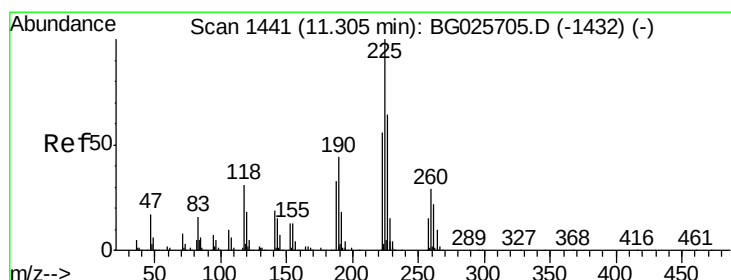
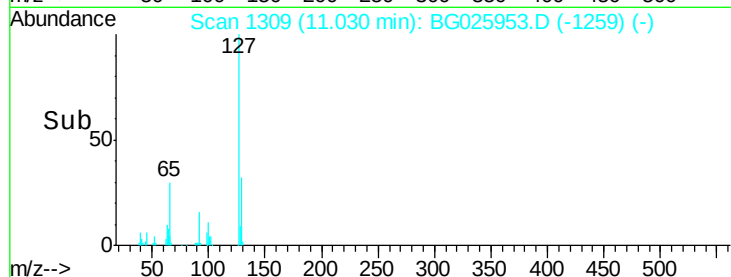
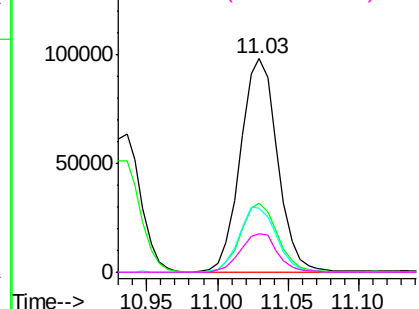
#33
 4-Chloroaniline
 Concen: 18.77 ng
 RT: 11.03 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

Tgt Ion:	127	Resp:	179878
Ion	Ratio	Lower	Upper
127	100		
129	32.2	23.6	35.4
65	29.7	37.7	56.5#
92	17.7	17.6	26.4

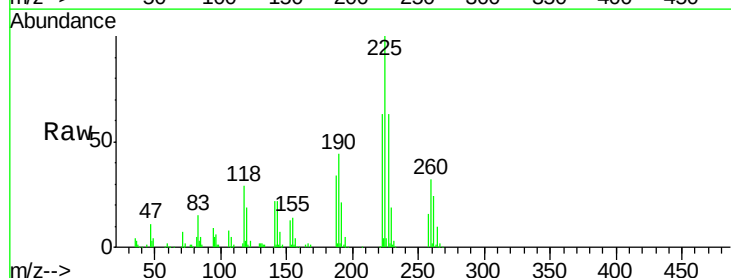


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

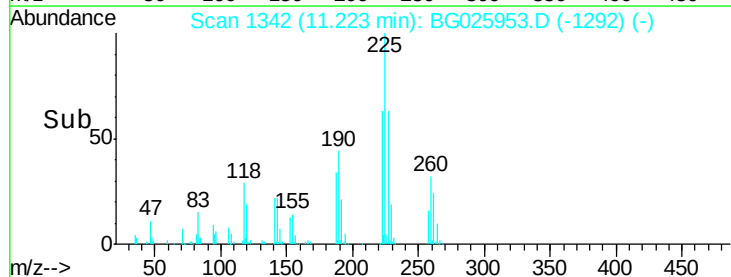
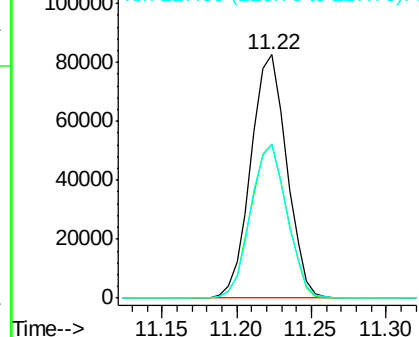


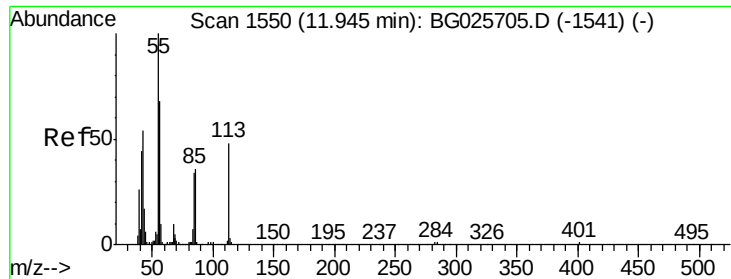
#34
 Hexachlorobutadiene
 Concen: 36.38 ng
 RT: 11.22 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion:	225	Resp:	137157
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	63.3	49.0	73.6



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

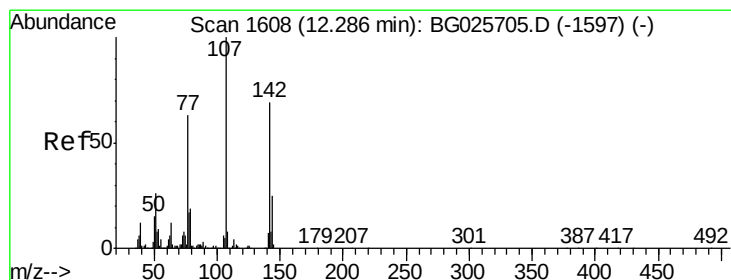
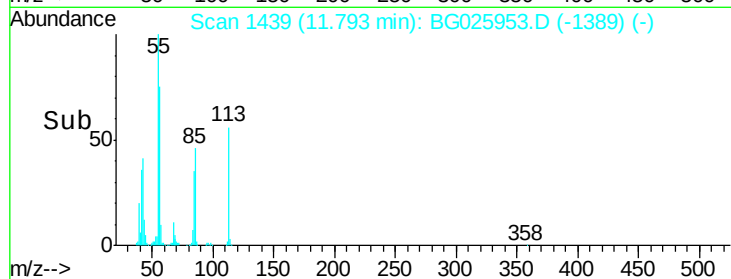
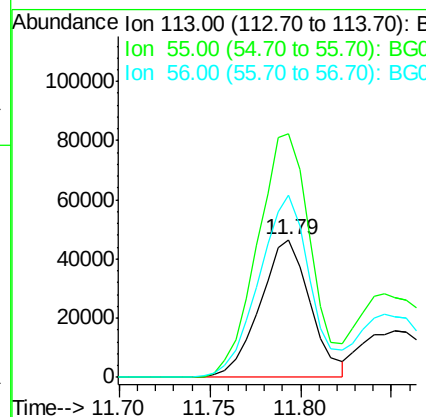
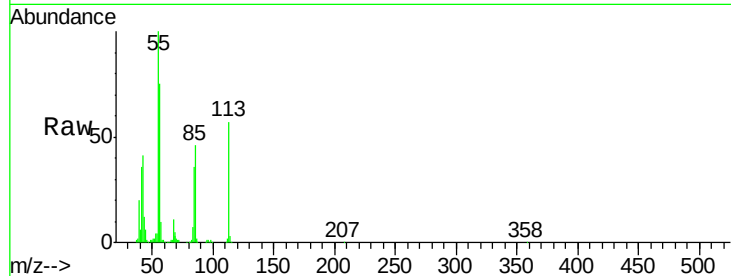




#35
 Caprolactam
 Concen: 36.48 ng
 RT: 11.79 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

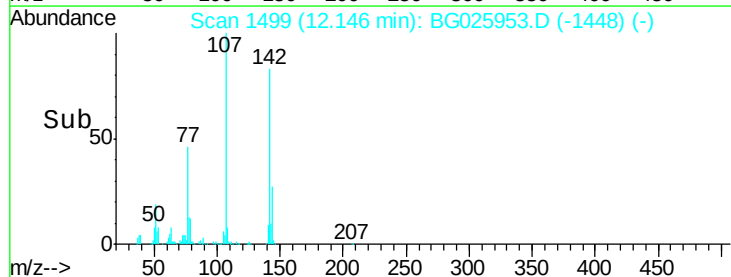
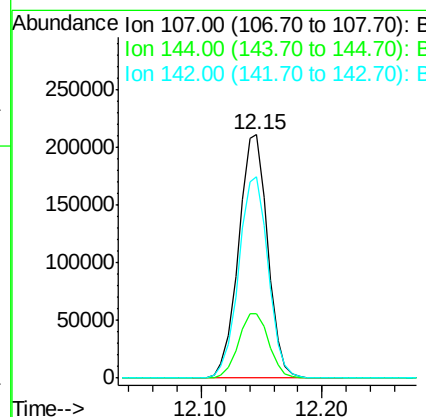
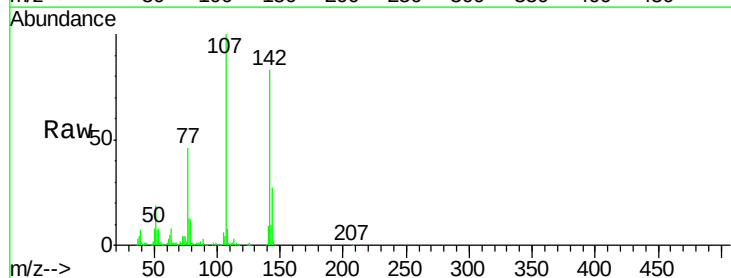
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

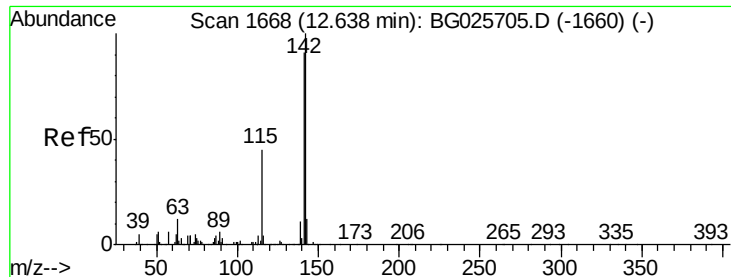
Tgt Ion:113 Resp: 89738
 Ion Ratio Lower Upper
 113 100
 55 176.7 198.6 238.6#
 56 132.2 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 48.87 ng
 RT: 12.15 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion:107 Resp: 356180
 Ion Ratio Lower Upper
 107 100
 144 26.7 17.4 26.0#
 142 82.5 54.1 81.1#

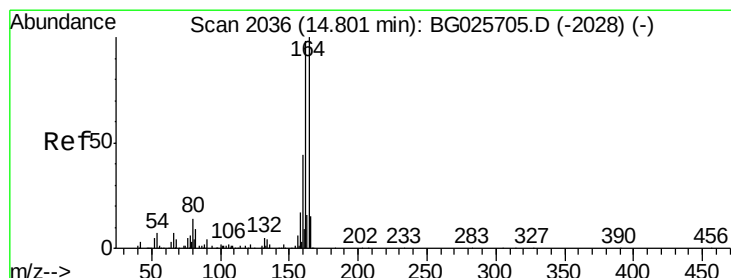
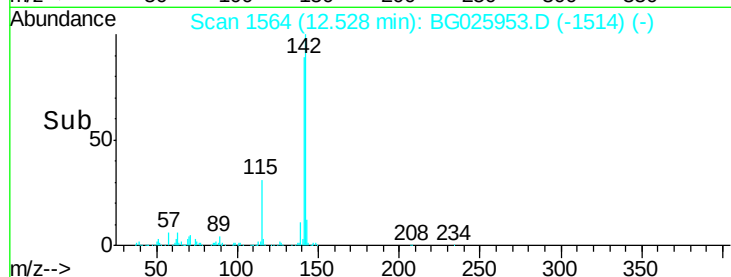
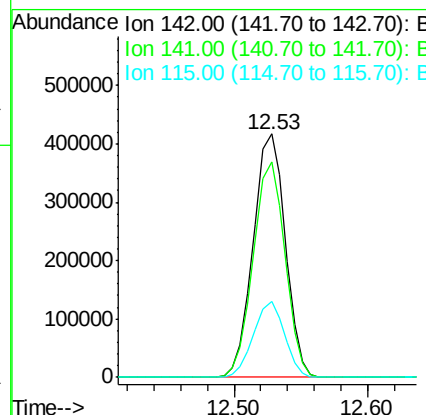
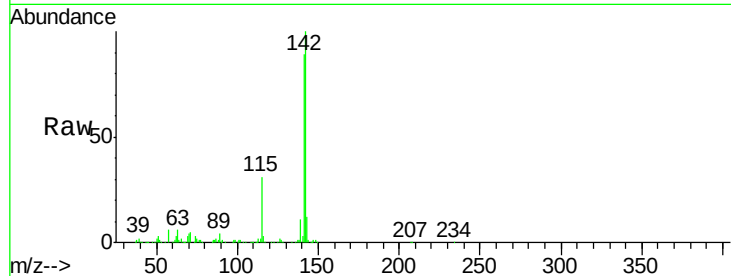




#37
 2-Methylnaphthalene
 Concen: 41.13 ng
 RT: 12.53 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

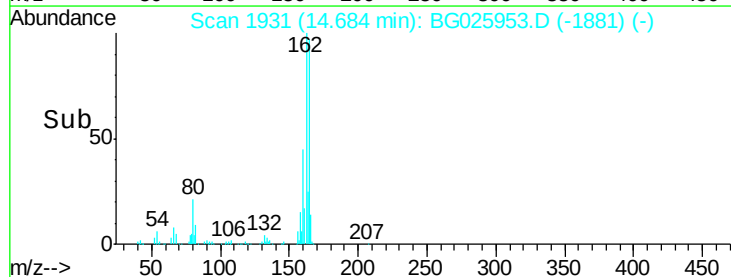
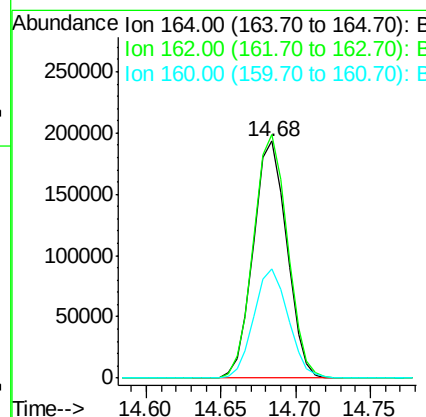
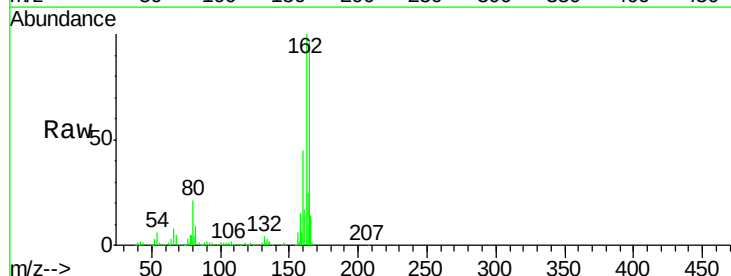
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

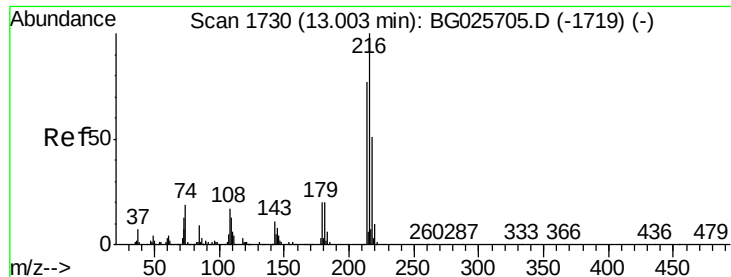
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	31.2	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	46.0	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.40 ng

RT: 12.89 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

Instrument :

BNA_G

ClientSampleId :

PB97153BS

Tgt Ion:216 Resp: 309464

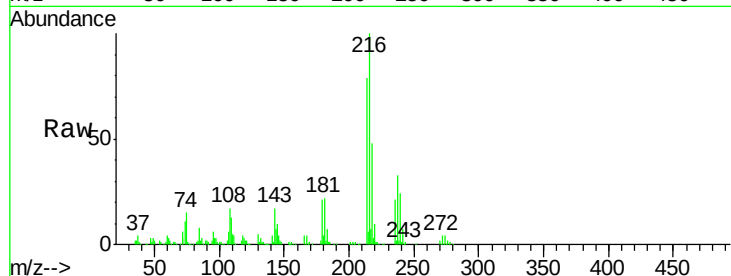
Ion Ratio Lower Upper

216 100

214 79.1 64.4 96.6

179 21.0 17.4 26.0

108 19.3 15.6 23.4

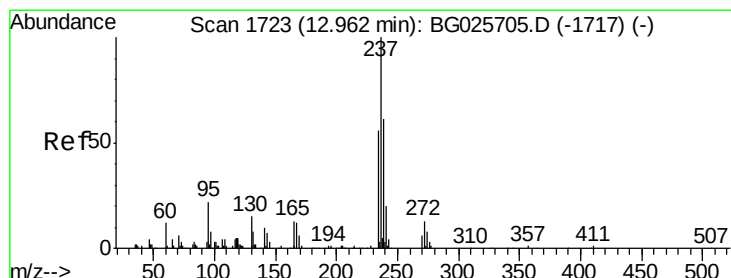
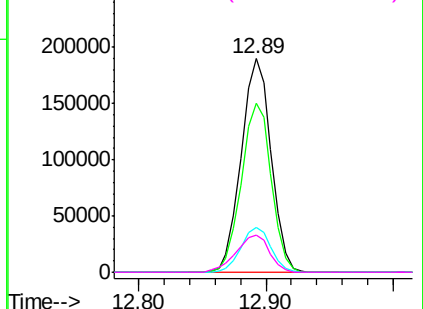
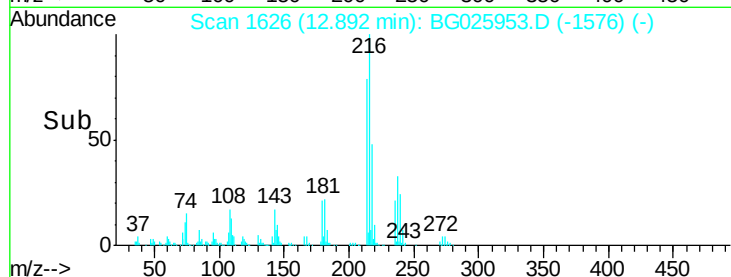


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.77 ng

RT: 12.87 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

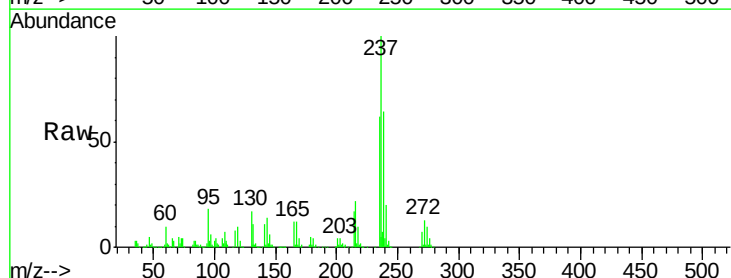
Tgt Ion:237 Resp: 346741

Ion Ratio Lower Upper

237 100

235 61.6 39.4 79.4

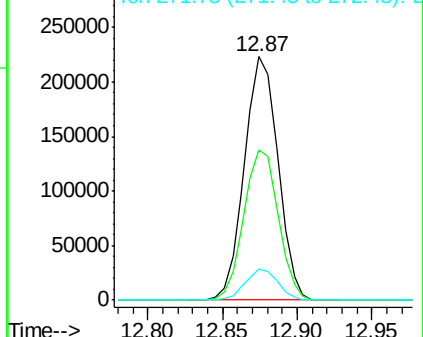
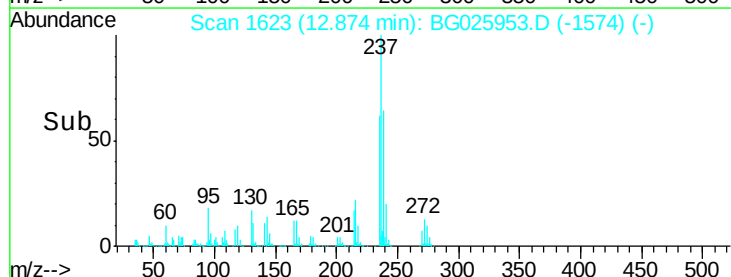
272 12.9 0.0 32.0

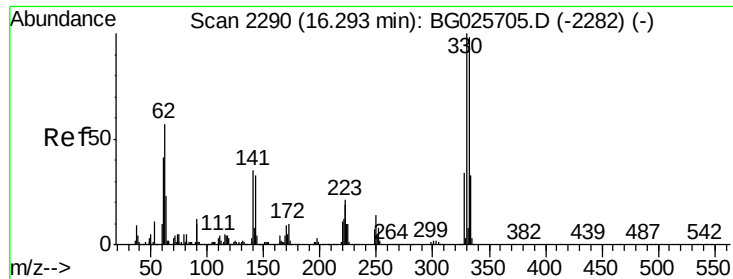


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

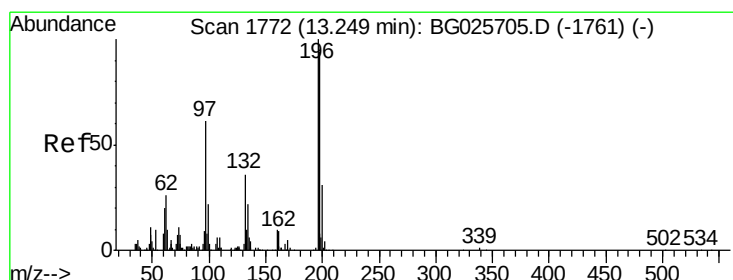
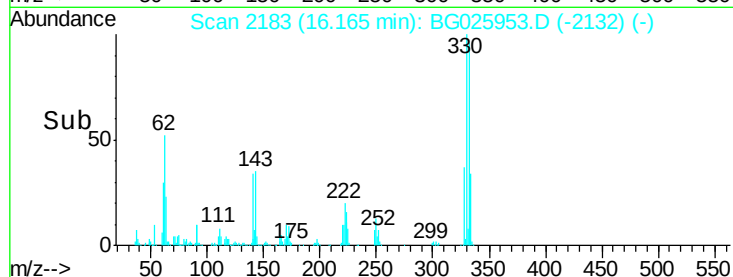
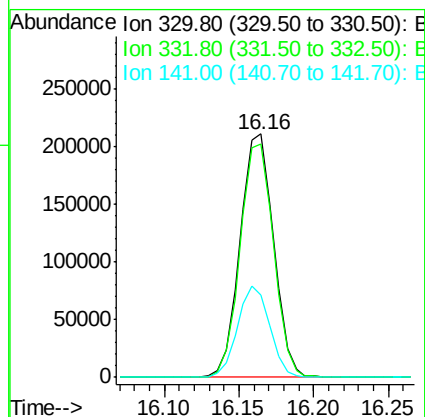
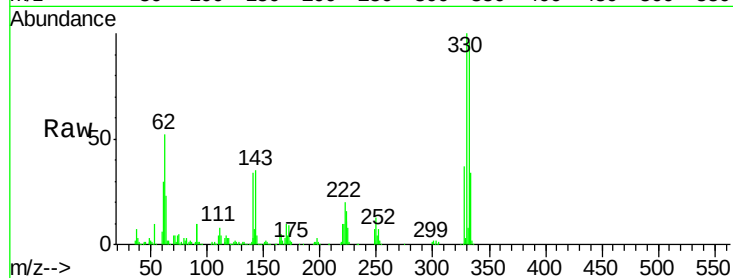




#41
 2,4,6-Tribromophenol
 Concen: 119.08 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

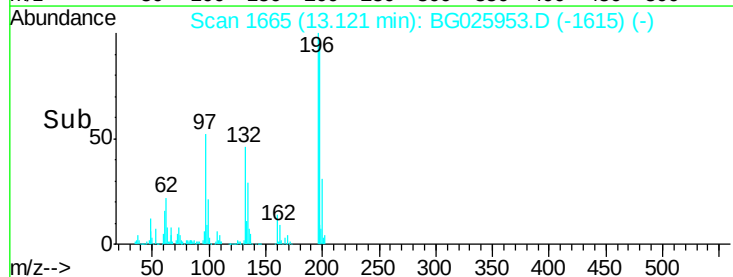
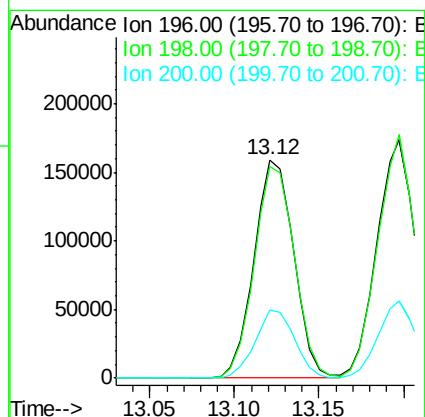
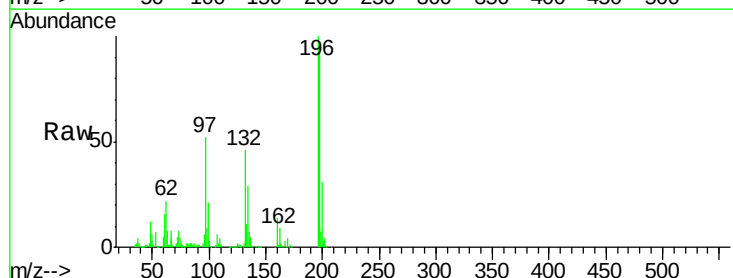
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

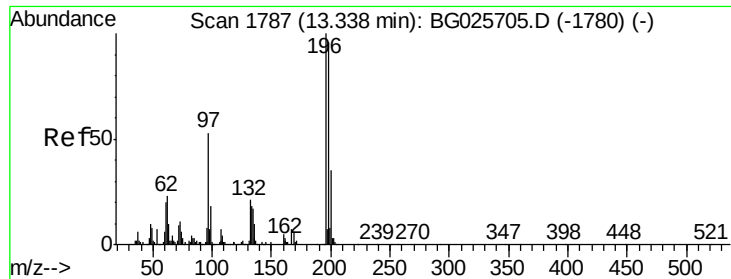
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.6	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 54.12 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	81.4	122.2
200	31.3	27.0	40.6

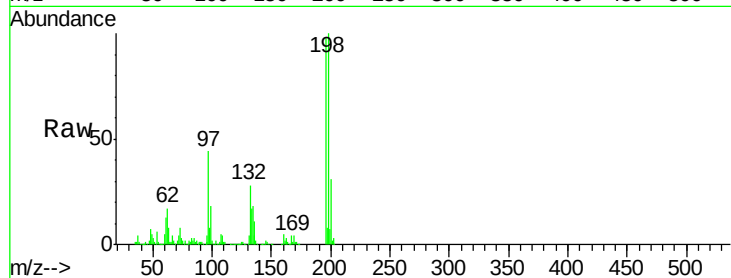




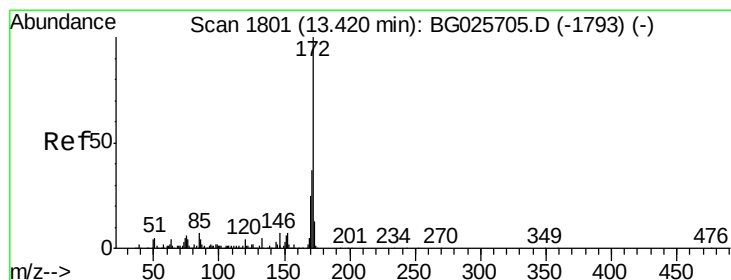
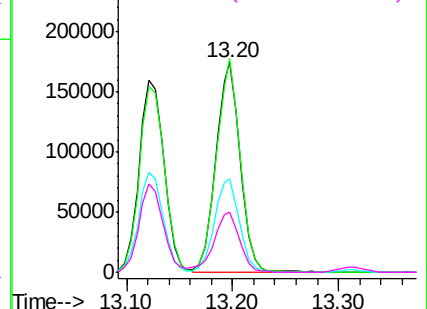
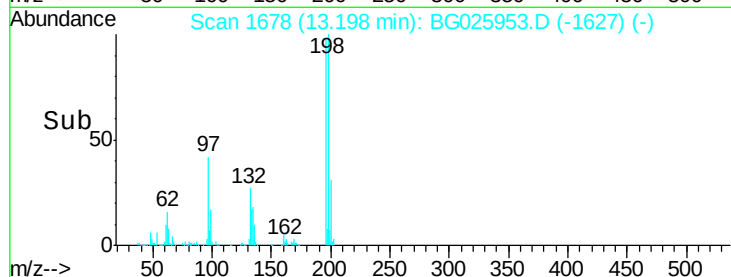
#43
 2,4,5-Trichlorophenol
 Concen: 50.99 ng
 RT: 13.20 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	79.9	119.9
97	44.7	45.4	68.0
132	29.0	20.7	31.1

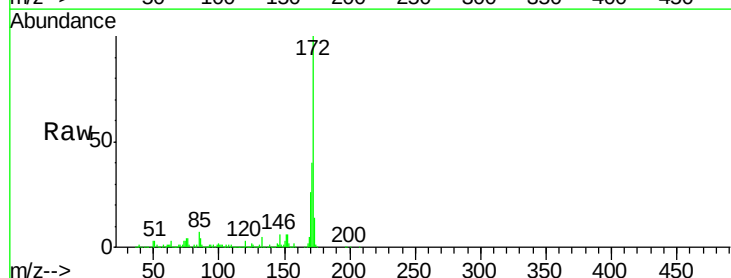


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

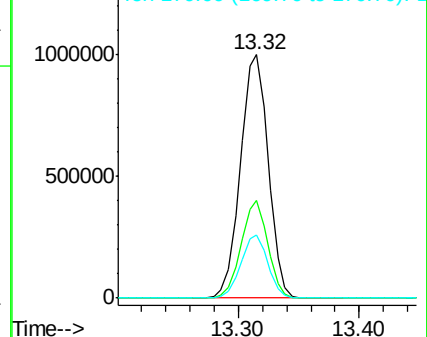
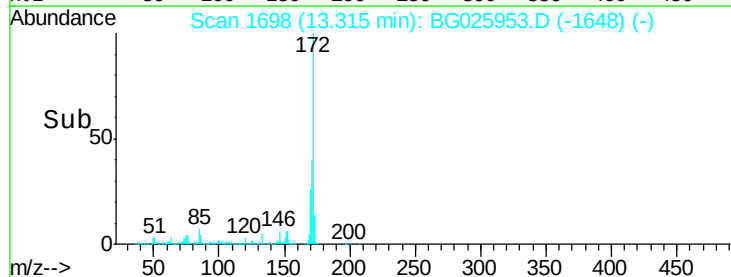


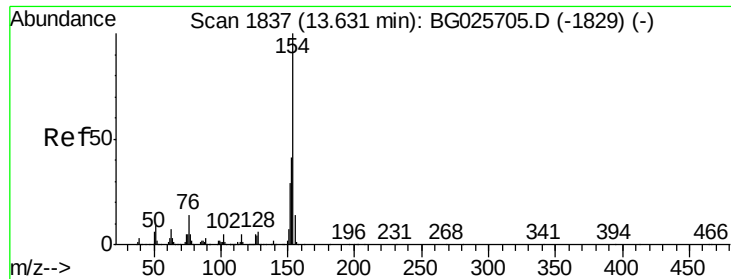
#44
 2-Fluorobiphenyl
 Concen: 93.99 ng
 RT: 13.32 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.2	48.2
170	25.7	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

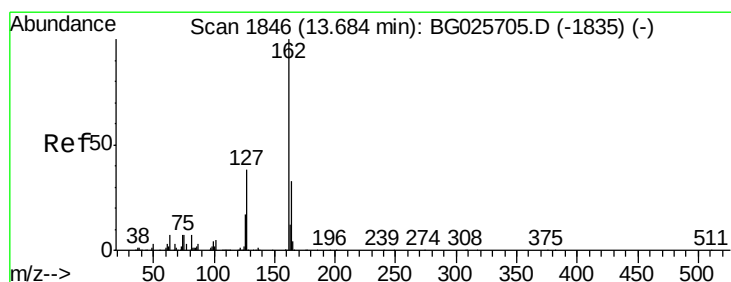
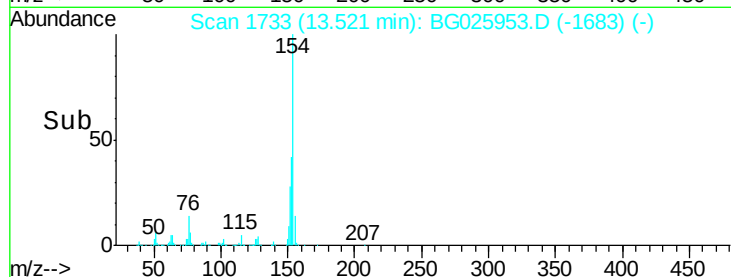
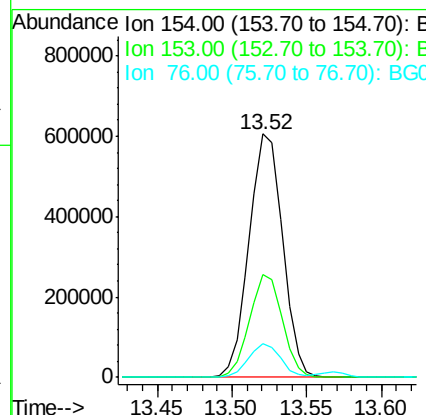
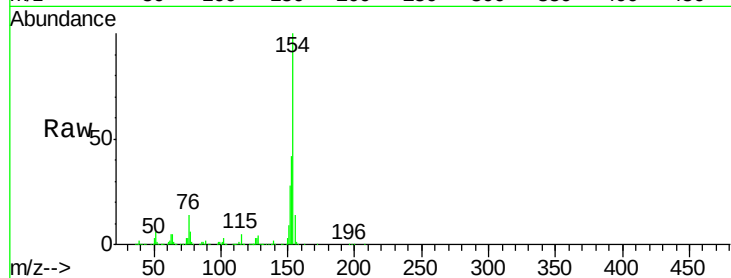




#45
 1,1'-Biphenyl
 Concen: 43.41 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

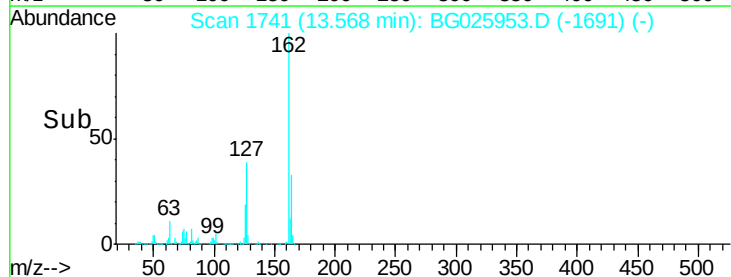
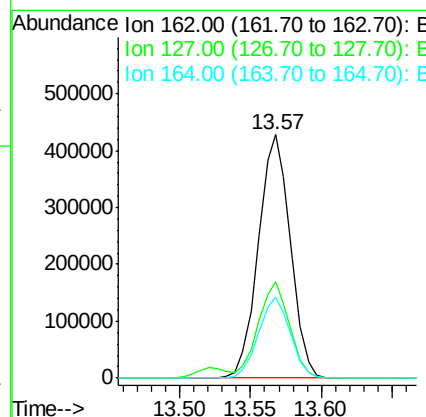
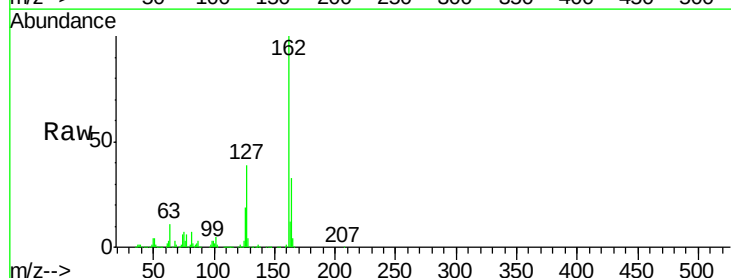
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BS

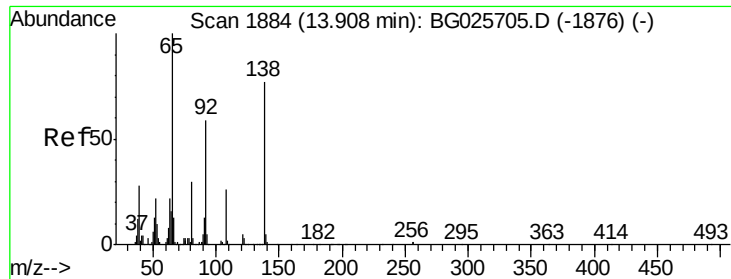
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	14.0	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 43.62 ng
 RT: 13.57 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG025953.D
 Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	33.5	27.3	40.9





#47

2-Nitroaniline

Concen: 50.59 ng

RT: 13.76 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

Instrument :

BNA_G

ClientSampleId :

PB97153BS

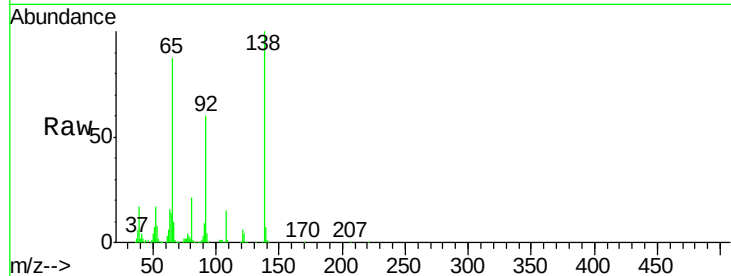
Tgt Ion: 65 Resp: 250715

Ion Ratio Lower Upper

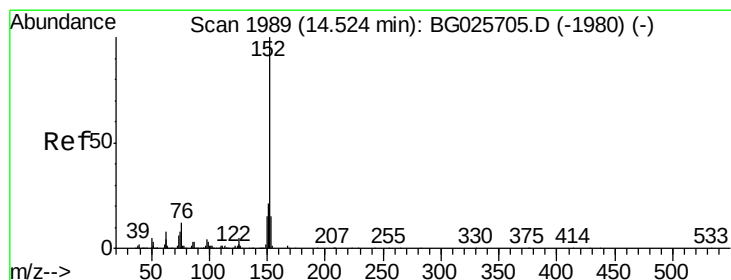
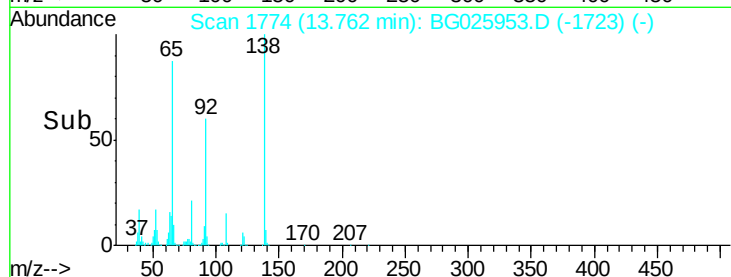
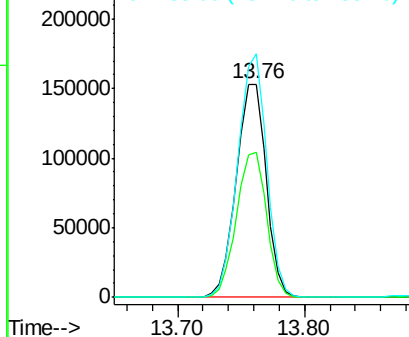
65 100

92 68.2 49.0 73.4

138 114.3 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.99 ng

RT: 14.41 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

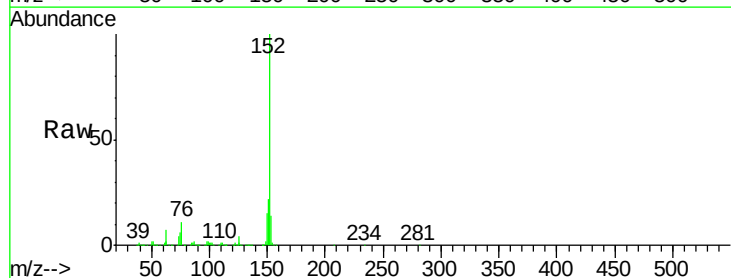
Tgt Ion: 152 Resp: 1223730

Ion Ratio Lower Upper

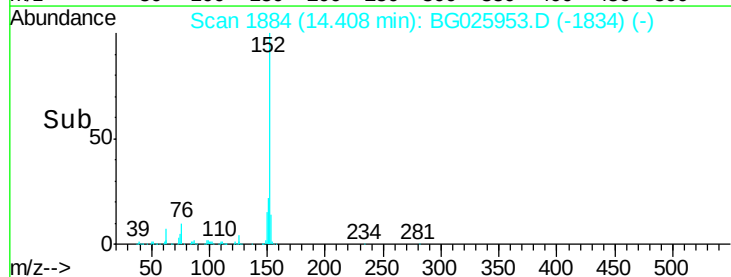
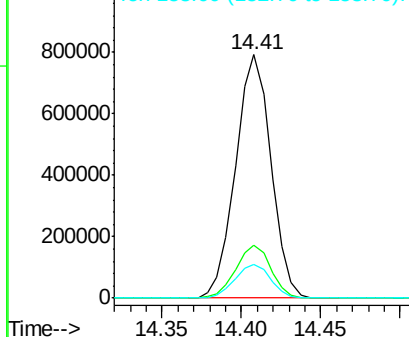
152 100

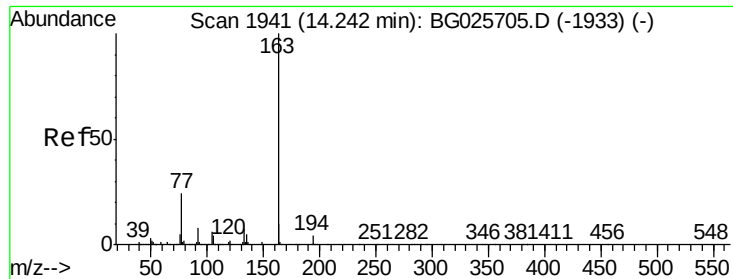
151 21.9 18.2 27.2

153 14.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.41 ng

RT: 14.13 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

Instrument :

BNA_G

ClientSampleId :

PB97153BS

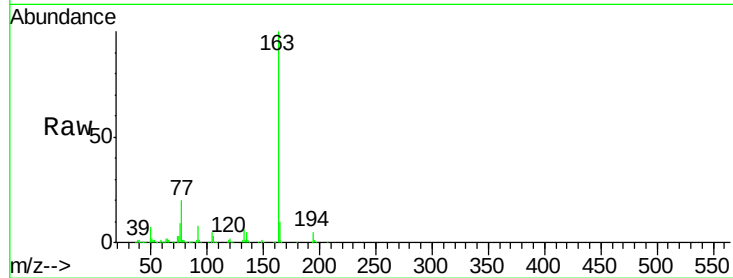
Tgt Ion:163 Resp: 990560

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

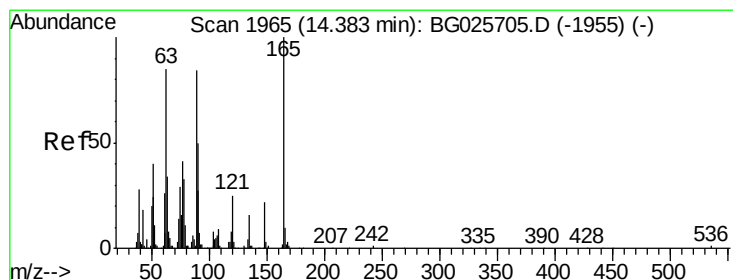
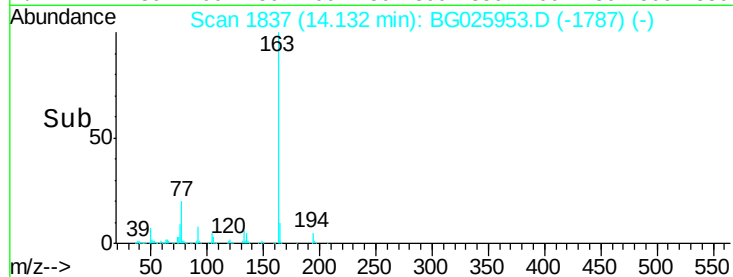
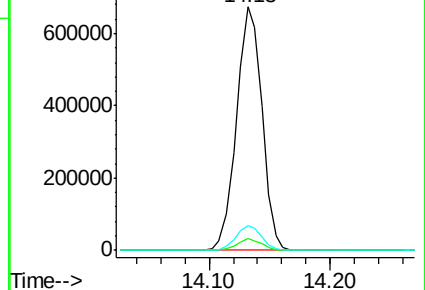
164 10.3 9.3 13.9



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: 49.90 ng

RT: 14.25 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

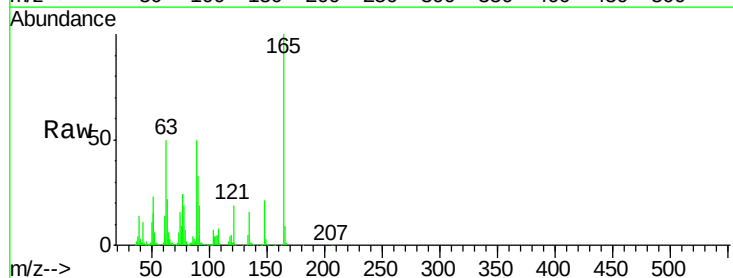
Tgt Ion:165 Resp: 229339

Ion Ratio Lower Upper

165 100

63 50.0 63.9 95.9#

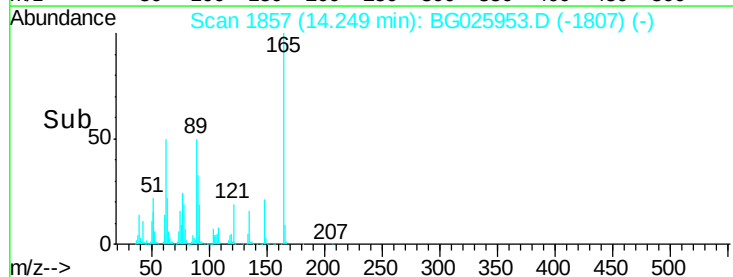
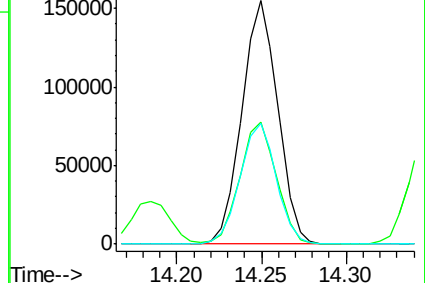
89 49.5 58.6 88.0#

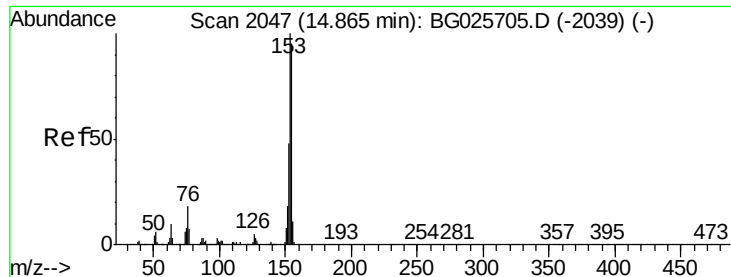


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.32 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

Instrument :

BNA_G

ClientSampleId :

PB97153BS

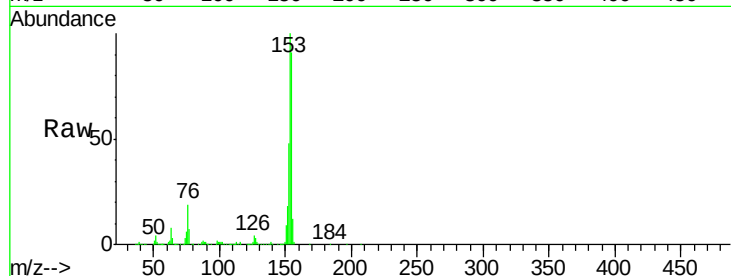
Tgt Ion:154 Resp: 795855

Ion Ratio Lower Upper

154 100

153 110.2 87.8 131.6

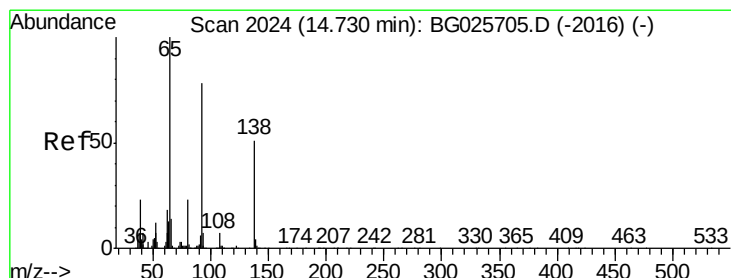
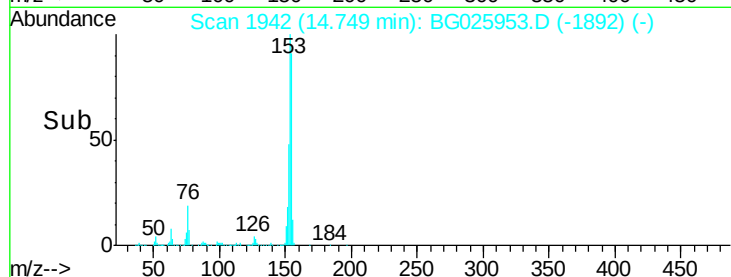
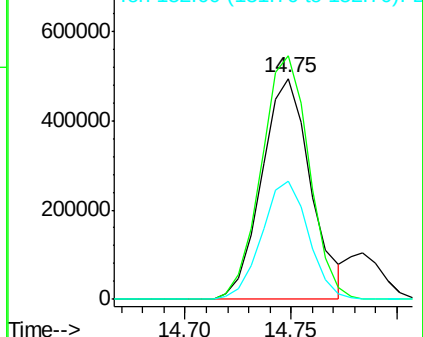
152 53.4 42.2 63.4



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: 28.60 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG025953.D

Acq: 25 Feb 2017 4:59

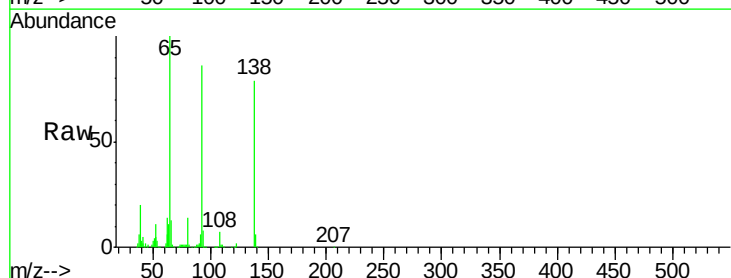
Tgt Ion:138 Resp: 147047

Ion Ratio Lower Upper

138 100

108 8.9 10.9 16.3#

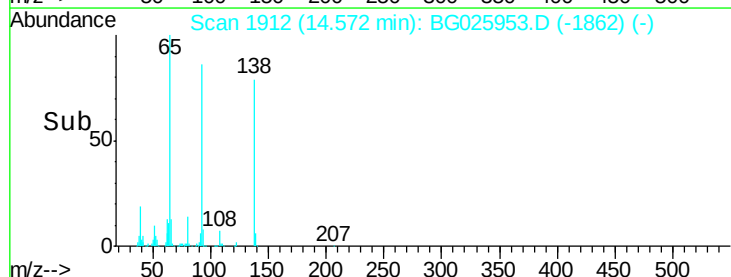
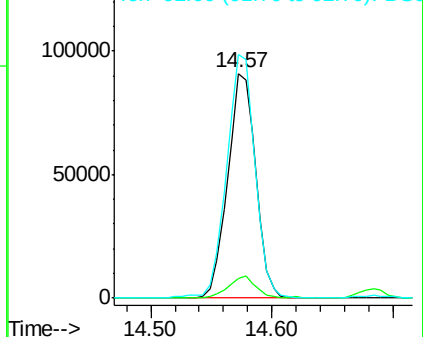
92 108.3 115.3 172.9#

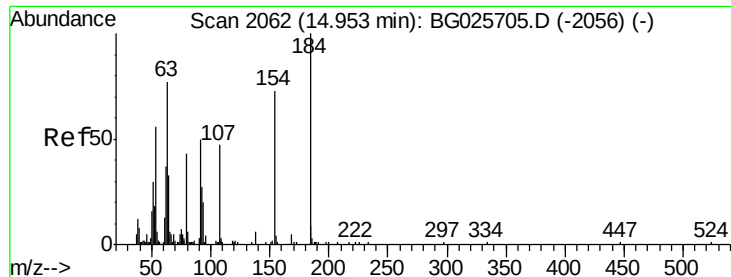


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

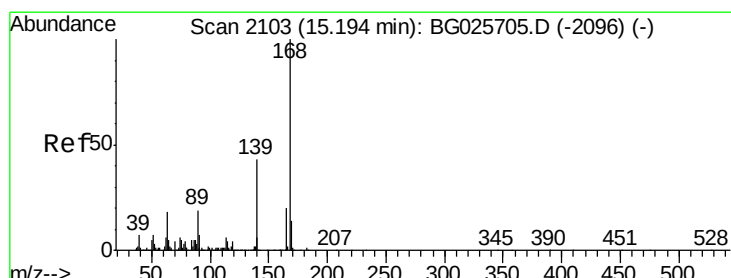
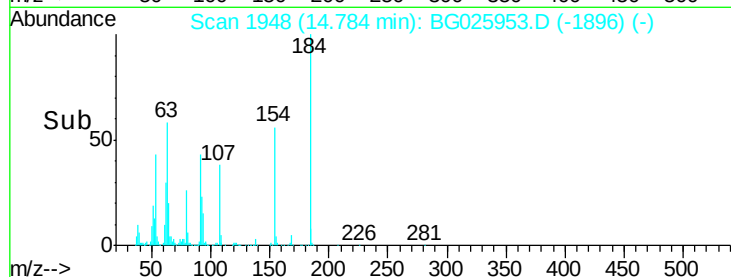
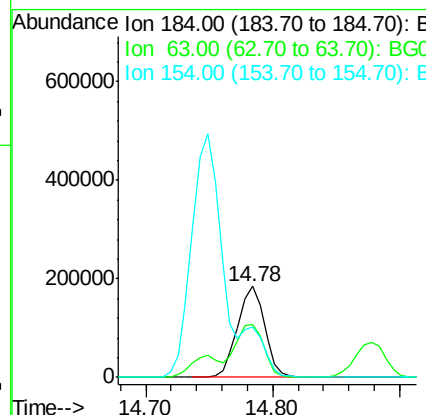
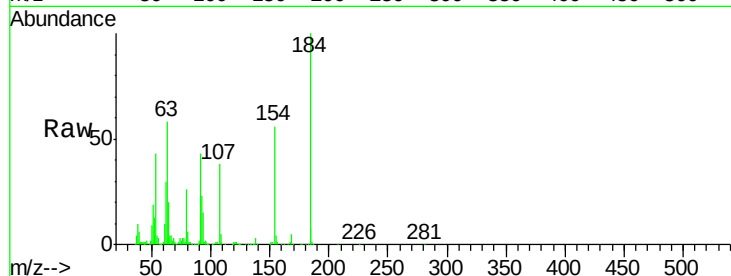




#53
2,4-Dinitrophenol
Concen: 114.36 ng
RT: 14.78 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

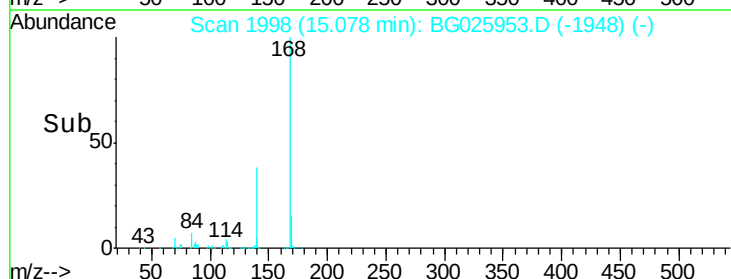
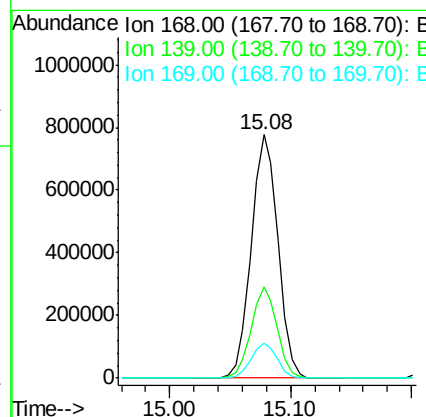
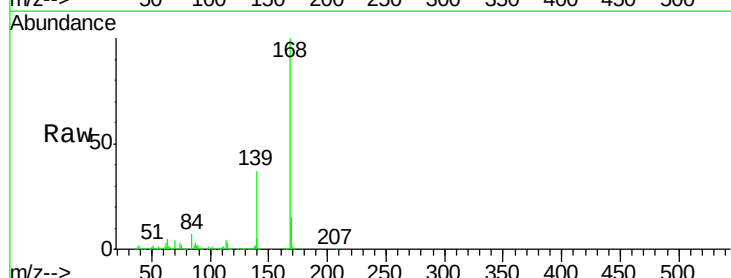
Instrument :
BNA_G
ClientSampleId :
PB97153BS

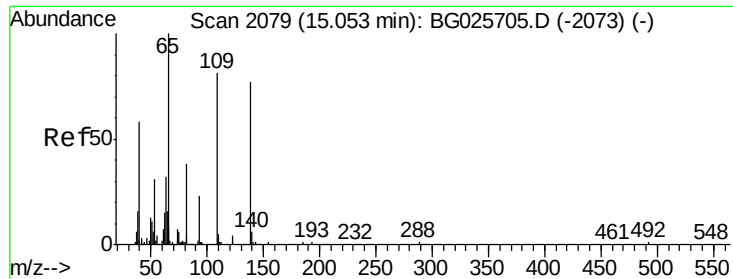
Tgt Ion:184 Resp: 275058
Ion Ratio Lower Upper
184 100
63 58.4 52.7 79.1
154 55.9 57.3 85.9#



#54
Dibenzofuran
Concen: 48.74 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

Tgt Ion:168 Resp: 1193927
Ion Ratio Lower Upper
168 100
139 37.2 35.3 52.9
169 14.5 11.5 17.3

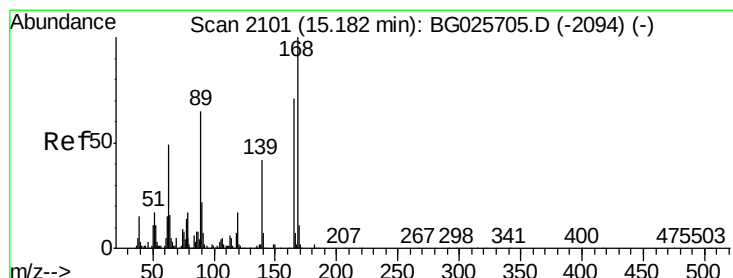
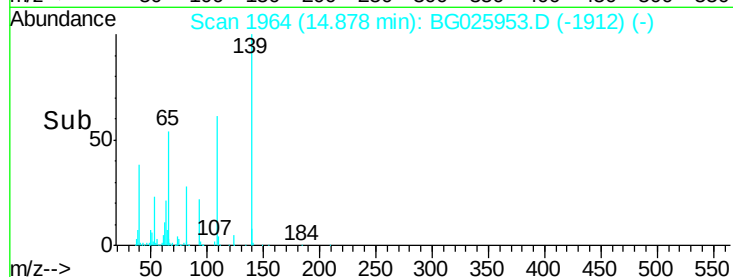
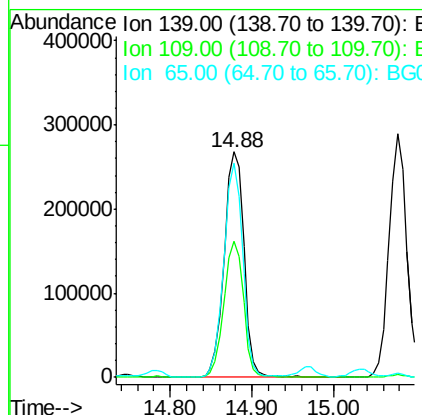
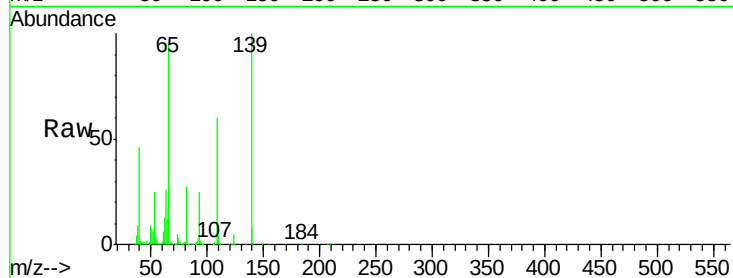




#55
4-Nitrophenol
Concen: 108.81 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

Instrument :
BNA_G
ClientSampleId :
PB97153BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.1	101.2	141.2#
65	95.1	135.3	175.3#



#56
2,4-Dinitrotoluene
Concen: 53.62 ng
RT: 15.04 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG025953.D
Acq: 25 Feb 2017 4:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.7	44.0	66.0#
89	63.8	67.3	100.9#
182	3.0	3.8	5.6#

