

Data File : BG025954.D
Acq On : 25 Feb 2017 5:39
Operator : SJ/MA
Sample : PB97153BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Quant Time: Feb 26 23:33:40 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	82052	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	404373	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	293065	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	757715	20.00	ng	0.00
75) Chrysene-d12	21.66	240	773752	20.00	ng	-0.01
86) Perylene-d12	24.87	264	756468	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	479910	101.83	ng	0.00
7) Phenol-d6	7.23	99	696348	99.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	557983	87.08	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	337278	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1600021	95.40	ng	0.00
78) Terphenyl-d14	20.01	244	2371289	74.54	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	66787	31.01	ng	# 85
3) Pyridine	3.94	79	197750	30.81	ng	# 79
4) n-Nitrosodimethylamine	3.84	42	85921	37.22	ng	# 43
6) Aniline	7.40	93	225113	23.22	ng	# 90
8) 2-Chlorophenol	7.64	128	264976	47.31	ng	# 86
9) Benzaldehyde	7.21	77	86218	20.86	ng	# 73
10) Phenol	7.26	94	363136	47.92	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	227421	36.51	ng	# 90
12) 1,3-Dichlorobenzene	7.97	146	248434	38.37	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	251143	38.29	ng	# 94
14) 1,2-Dichlorobenzene	8.44	146	248645	38.61	ng	# 89
15) Benzyl Alcohol	8.31	79	240840	47.16	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311889	34.50	ng	# 90
17) 2-Methylphenol	8.51	107	253764	46.48	ng	# 82
18) Hexachloroethane	9.17	117	83236	38.29	ng	# 87
19) n-Nitroso-di-n-propylamine	8.88	70	201479	39.55	ng	# 80
20) 3+4-Methylphenols	8.84	107	365557	47.00	ng	# 86
22) Acetophenone	8.90	105	391935	40.39	ng	# 79
24) Nitrobenzene	9.28	77	282153	40.72	ng	# 80
25) Isophorone	9.80	82	590008	41.84	ng	# 92
26) 2-Nitrophenol	9.99	139	153792	47.46	ng	# 70
27) 2,4-Dimethylphenol	10.04	122	296687	49.06	ng	# 89
28) bis(2-Chloroethoxy)methane	10.28	93	362163	40.53	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	302808	52.46	ng	# 96
30) 1,2,4-Trichlorobenzene	10.75	180	256278	40.83	ng	# 98
31) Naphthalene	10.93	128	838586	40.11	ng	# 99
32) Benzoic acid	10.16	122	249645	54.07	ng	# 75
33) 4-Chloroaniline	11.03	127	125142	13.78	ng	# 84
34) Hexachlorobutadiene	11.22	225	138995	38.91	ng	# 97
35) Caprolactam	11.79	113	93088	39.94	ng	# 79
36) 4-Chloro-3-methylphenol	12.14	107	363323	52.61	ng	# 81
37) 2-Methylnaphthalene	12.53	142	701269	44.04	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	313893	42.73	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	351497	87.45	ng	# 93

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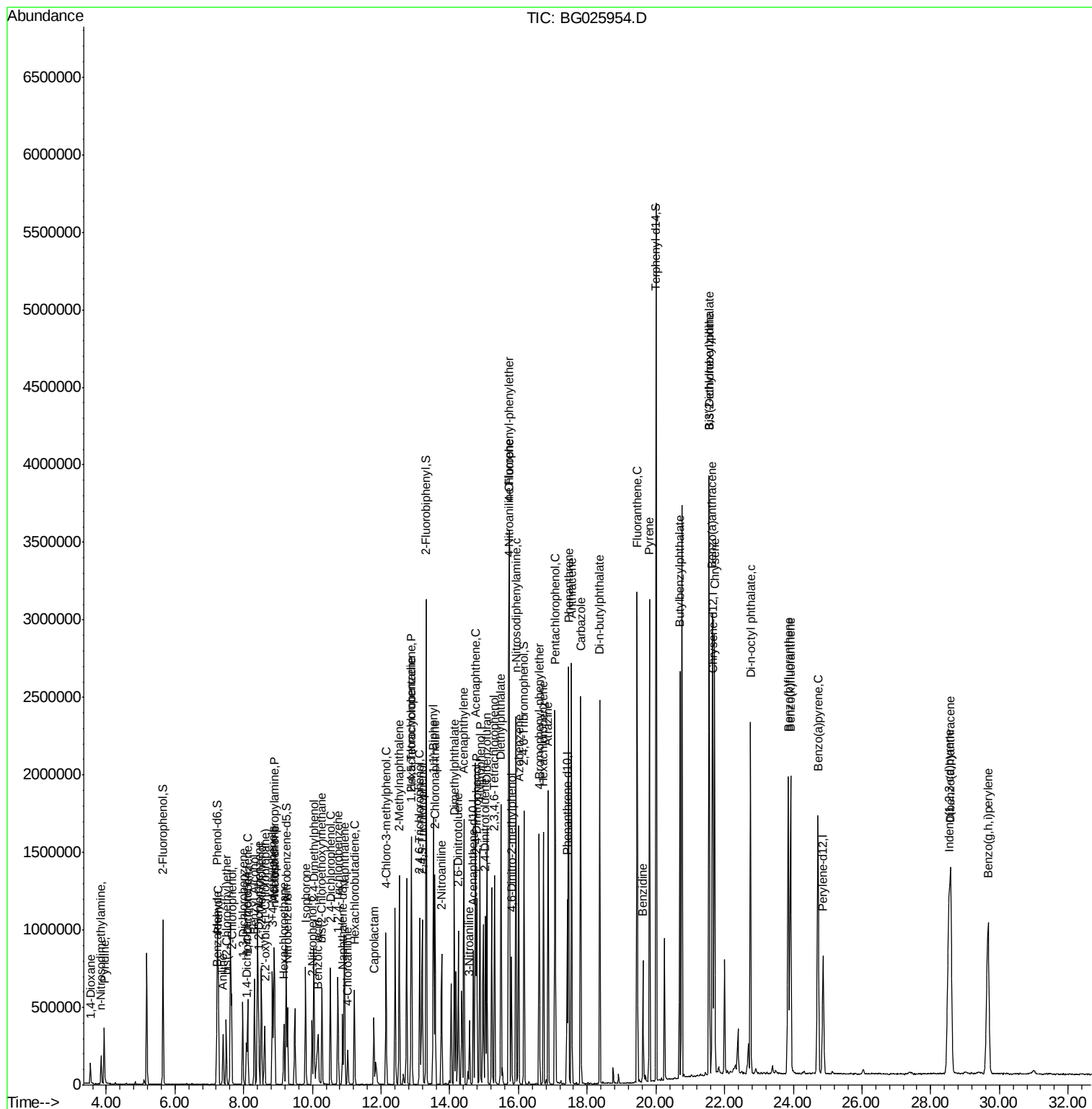
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	264292	55.71	ng	96
43) 2,4,5-Trichlorophenol	13.20	196	288962	53.66	ng #	94
45) 1,1'-Biphenyl	13.53	154	957727	45.10	ng	98
46) 2-Chloronaphthalene	13.57	162	694879	45.26	ng	99
47) 2-Nitroaniline	13.76	65	255913	52.55	ng #	69
48) Acenaphthylene	14.41	152	1247913	45.65	ng	99
49) Dimethylphthalate	14.13	163	1012329	50.35	ng	98
50) 2,6-Dinitrotoluene	14.25	165	239723	53.08	ng #	68
51) Acenaphthene	14.75	154	834268	46.21	ng	99
52) 3-Nitroaniline	14.57	138	119849	23.72	ng #	73
53) 2,4-Dinitrophenol	14.78	184	293071	124.01	ng #	85
54) Dibenzofuran	15.08	168	1229773	51.09	ng #	89
55) 4-Nitrophenol	14.88	139	468291	113.90	ng #	48
56) 2,4-Dinitrotoluene	15.04	165	346341	57.00	ng #	77
57) Fluorene	15.72	166	1036749	48.20	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	290334	61.11	ng	99
59) Diethylphthalate	15.49	149	1072488	51.57	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	485351	48.70	ng	94
61) 4-Nitroaniline	15.73	138	274112	52.34	ng #	56
62) Azobenzene	16.01	77	957294	53.55	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	205543	46.35	ng	91
65) n-Nitrosodiphenylamine	15.92	169	957837	41.68	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	331364	41.72	ng	96
67) Hexachlorobenzene	16.73	284	342708	41.87	ng	94
68) Atrazine	16.86	200	355993	43.77	ng	97
69) Pentachlorophenol	17.07	266	455910	90.30	ng	98
70) Phenanthrene	17.46	178	1678640	40.81	ng	98
71) Anthracene	17.54	178	1736886	41.42	ng	99
72) Carbazole	17.81	167	1634461	38.80	ng	97
73) Di-n-butylphthalate	18.37	149	1896910	45.87	ng #	94
74) Fluoranthene	19.45	202	1885648	41.64	ng	96
76) Benzidine	19.62	184	478056	19.57	ng	98
77) Pyrene	19.81	202	1913147	39.10	ng	99
79) Butylbenzylphthalate	20.69	149	851666	45.86	ng	86
80) Benzo(a)anthracene	21.65	228	1831050	40.53	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	392671	24.38	ng #	98
82) Chrysene	21.71	228	1678292	38.63	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1203461	44.88	ng	97
84) Di-n-octyl phthalate	22.75	149	2065072	46.63	ng #	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2198774	42.97	ng #	88
87) Benzo(b)fluoranthene	23.85	252	1864496	41.15	ng #	97
88) Benzo(k)fluoranthene	23.92	252	1832012	41.44	ng #	93
89) Benzo(a)pyrene	24.72	252	1820122	42.43	ng #	95
90) Dibenzo(a,h)anthracene	28.58	278	1811767	42.04	ng #	91
91) Benzo(g,h,i)perylene	29.67	276	1815740	42.02	ng #	90

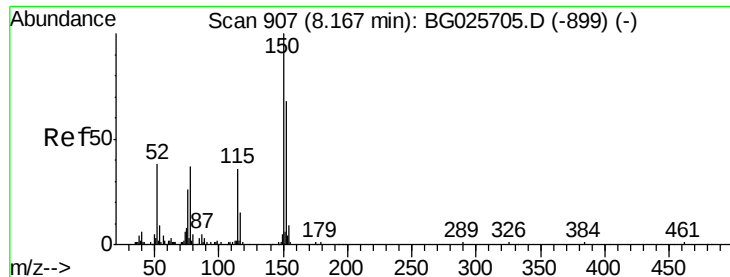
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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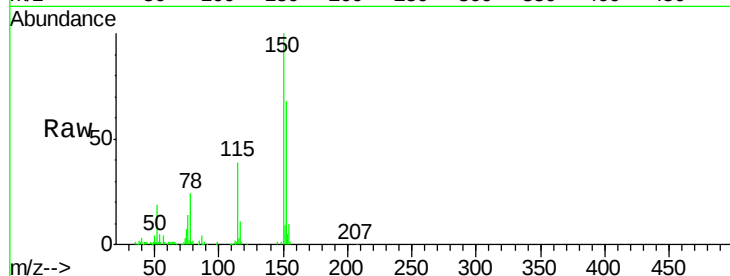
Tgt Ion:152 Resp: 82052

Ion Ratio Lower Upper

152 100

150 146.8 114.0 171.0

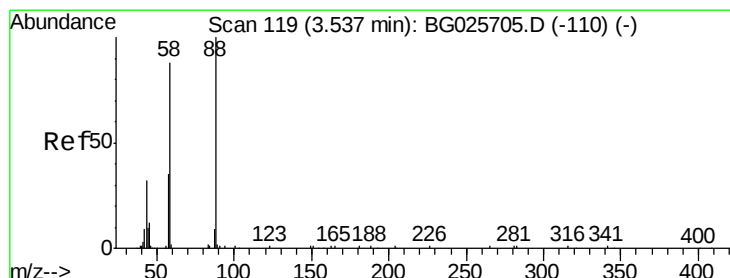
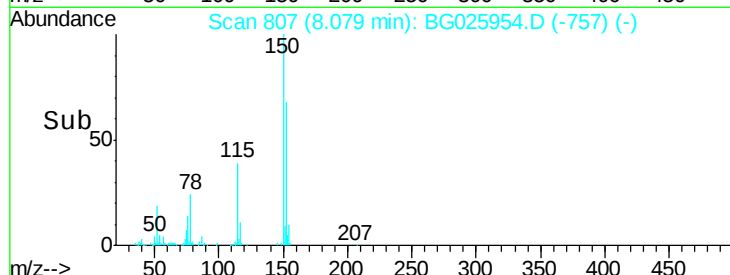
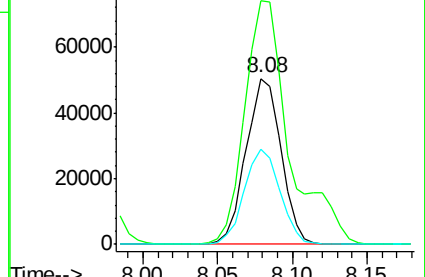
115 57.3 48.1 72.1



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: 31.01 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

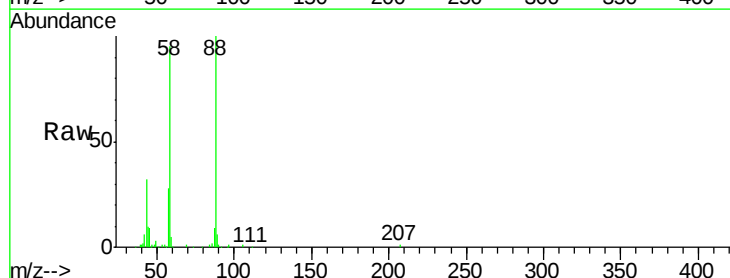
Tgt Ion: 88 Resp: 66787

Ion Ratio Lower Upper

88 100

58 88.6 79.4 119.2

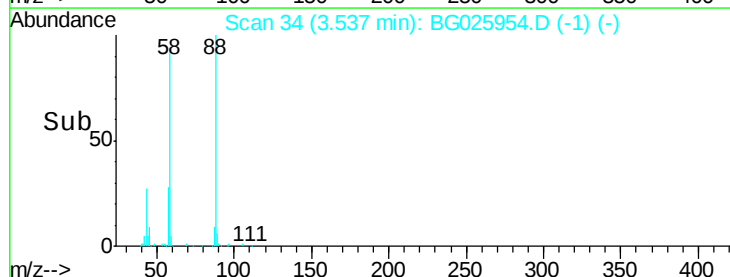
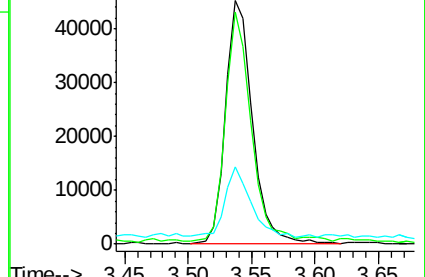
43 26.7 33.8 50.6#

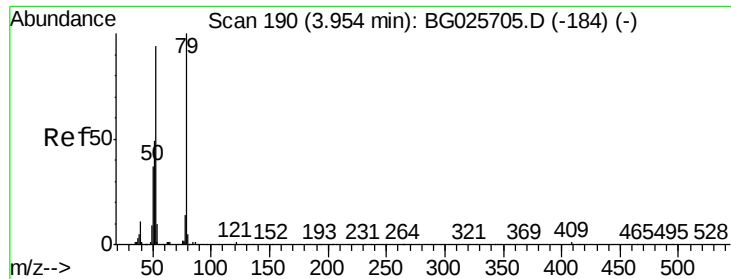


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.81 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

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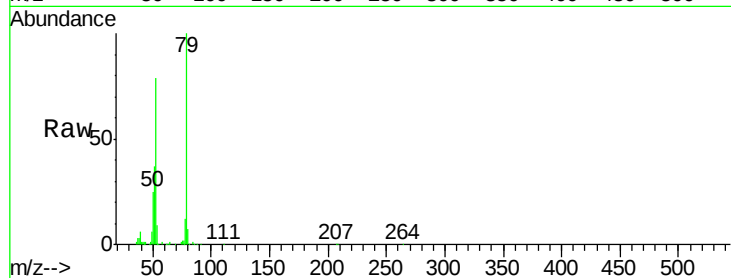
Tgt Ion: 79 Resp: 197750

Ion Ratio Lower Upper

79 100

52 78.5 77.8 116.6

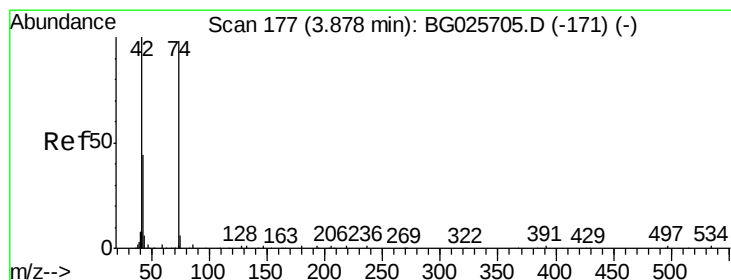
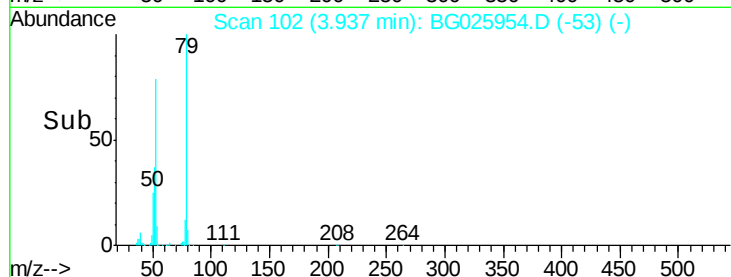
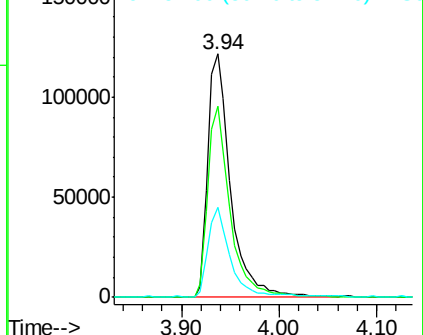
51 37.1 43.2 64.8#



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: 37.22 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

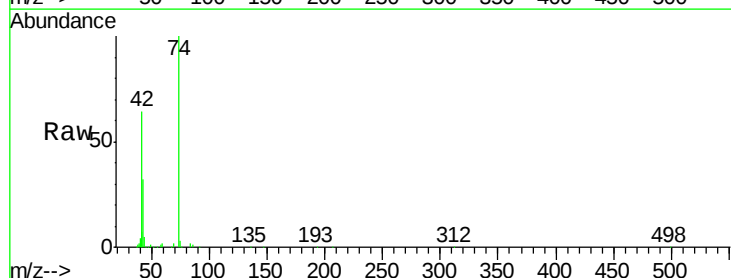
Tgt Ion: 42 Resp: 85921

Ion Ratio Lower Upper

42 100

74 155.7 76.7 115.1#

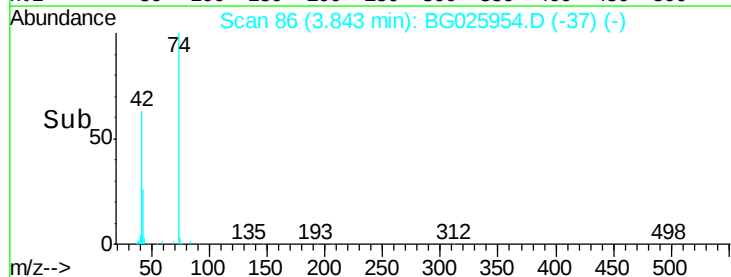
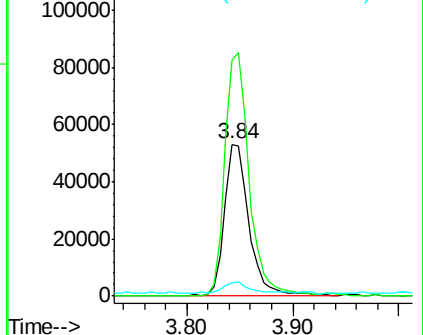
44 8.5 6.1 9.1

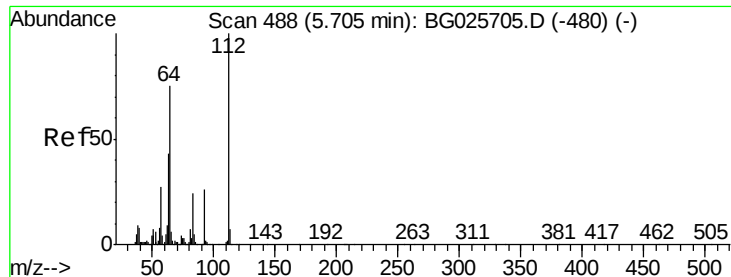


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 101.83 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

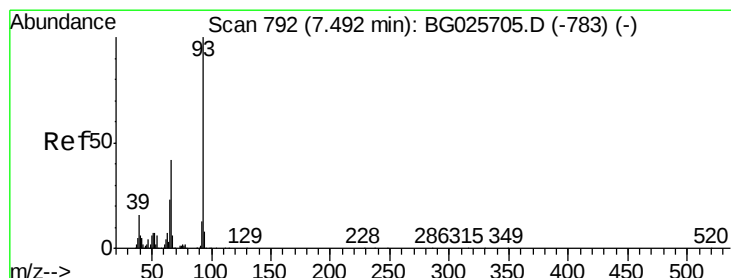
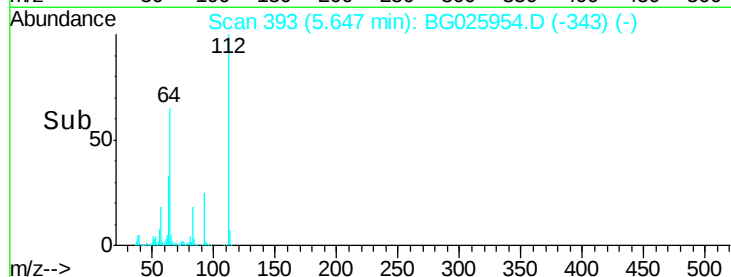
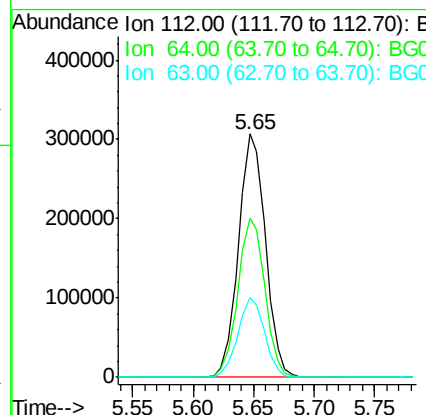
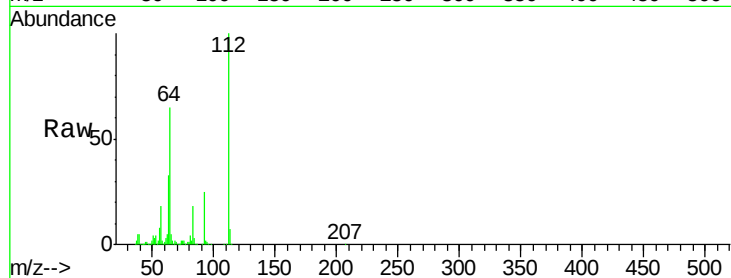
Instrument :

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Tgt Ion:	112	Resp:	479910
Ion Ratio	Lower	Upper	
112	100		
64	65.5	61.8	92.6
63	32.8	37.2	55.8#



#6

Aniline

Concen: 23.22 ng

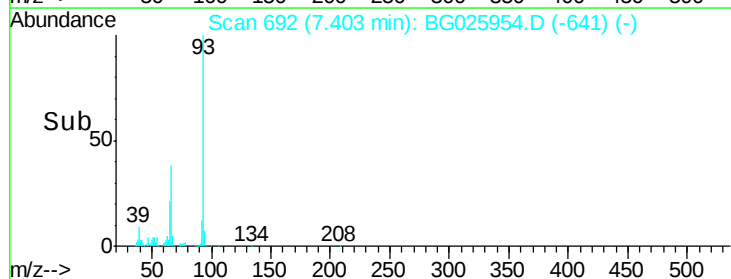
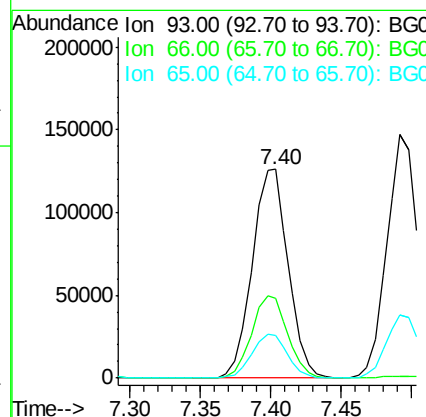
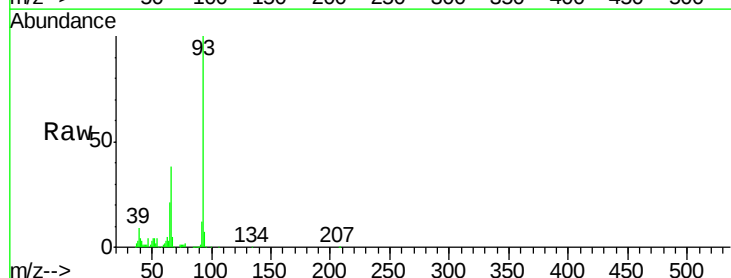
RT: 7.40 min Scan# 692

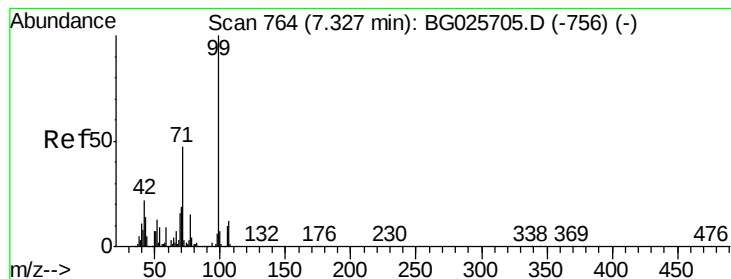
Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	93	Resp:	225113
Ion Ratio	Lower	Upper	
93	100		
66	38.5	35.4	53.2
65	20.6	21.2	31.8#





#7

Phenol-d6

Concen: 99.85 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

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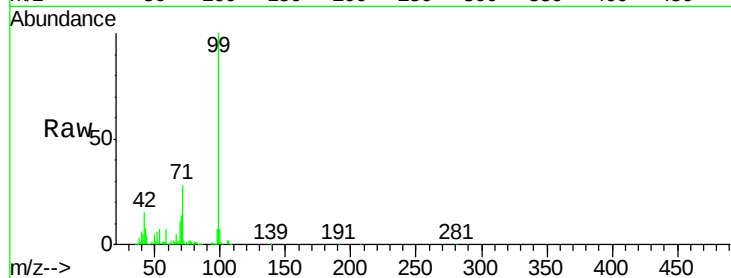
Tgt Ion: 99 Resp: 696348

Ion Ratio Lower Upper

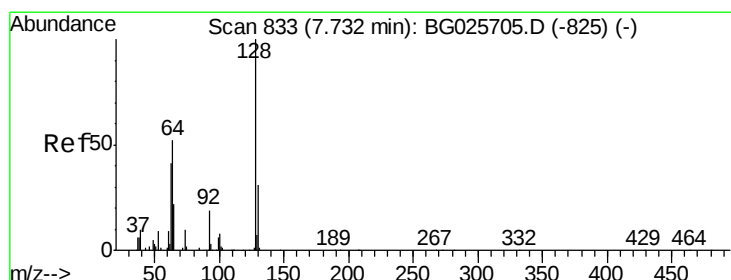
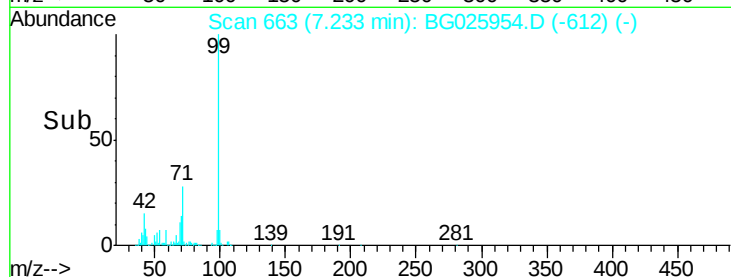
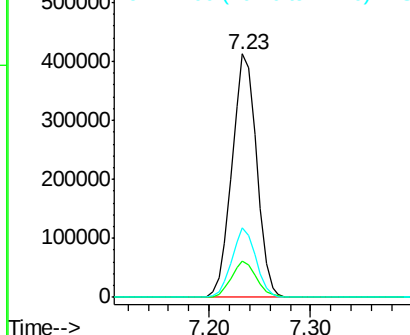
99 100

42 15.1 20.5 30.7#

71 28.3 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: 47.31 ng

RT: 7.64 min Scan# 733

Delta R.T. -0.01 min

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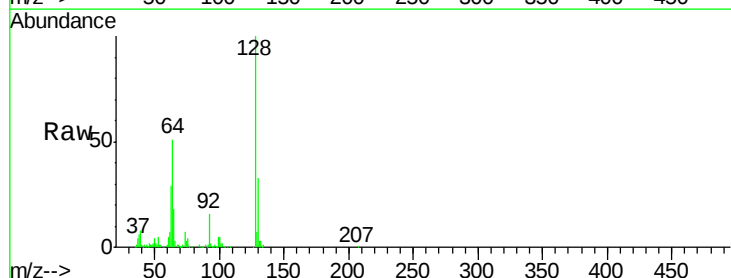
Tgt Ion: 128 Resp: 264976

Ion Ratio Lower Upper

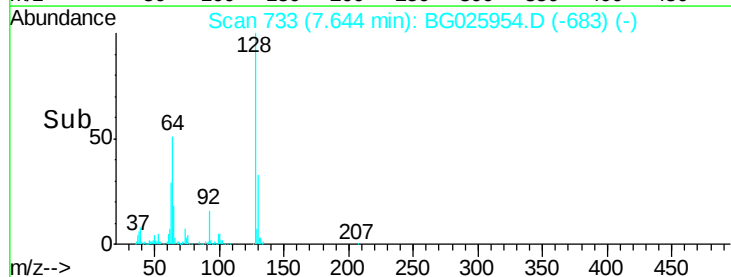
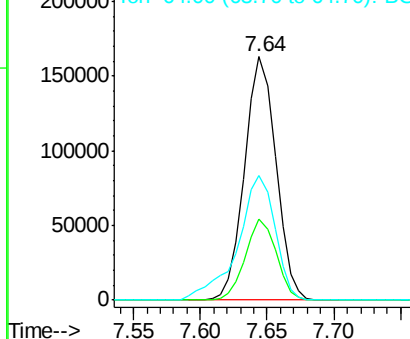
128 100

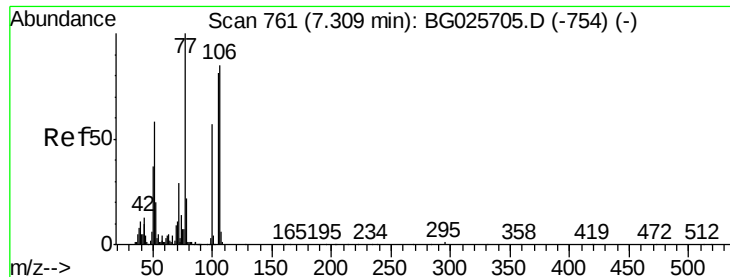
130 33.3 11.4 51.4

64 51.0 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: 20.86 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

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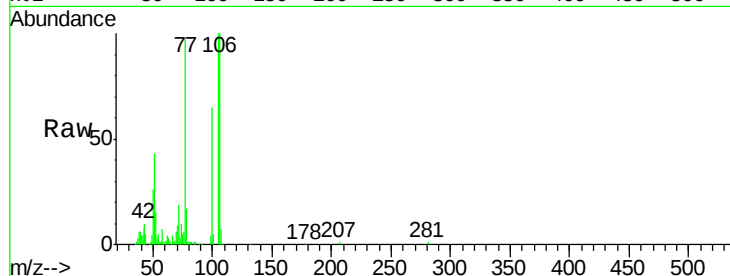
Tgt Ion: 77 Resp: 86218

Ion Ratio Lower Upper

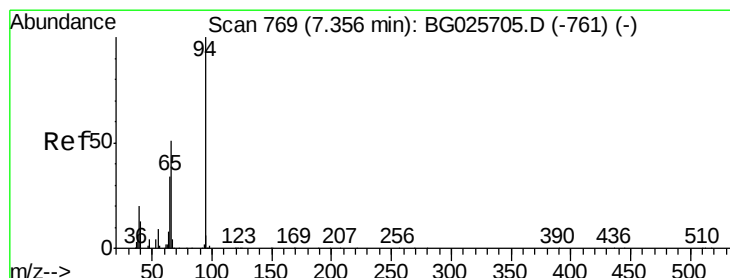
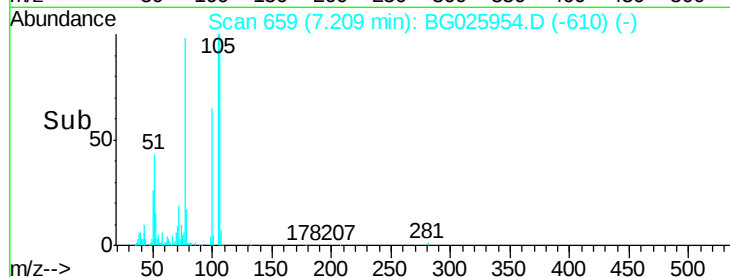
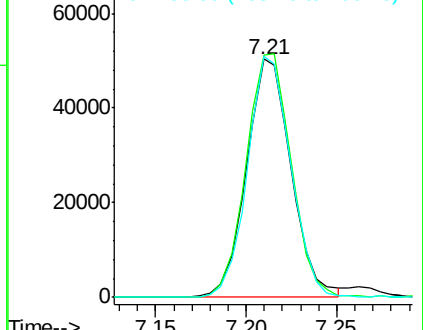
77 100

105 101.7 60.9 100.9#

106 101.3 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.92 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

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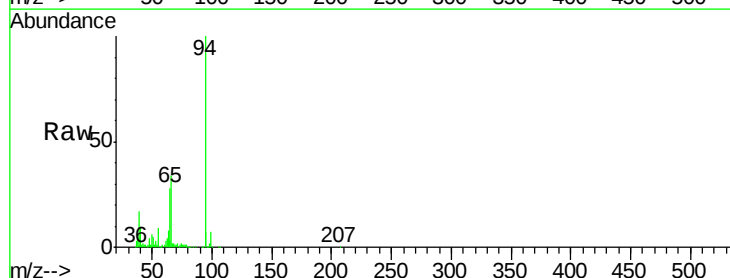
Tgt Ion: 94 Resp: 363136

Ion Ratio Lower Upper

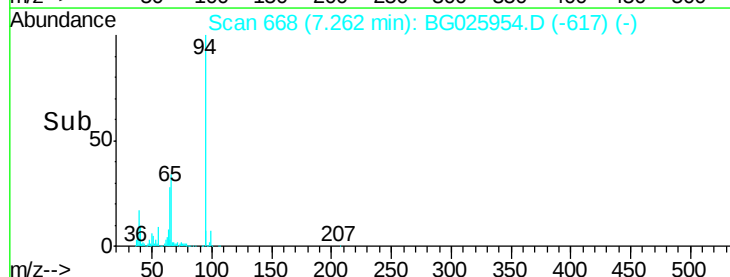
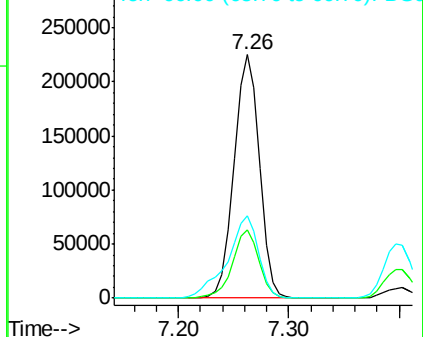
94 100

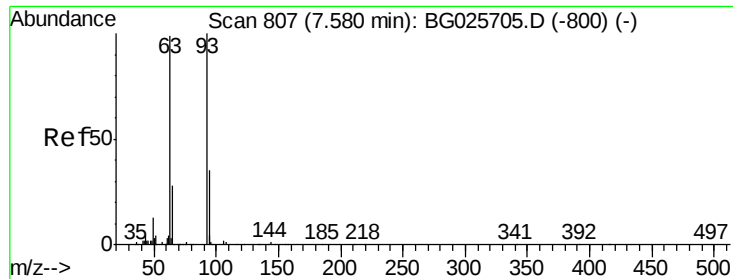
65 28.3 20.6 60.6

66 33.7 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

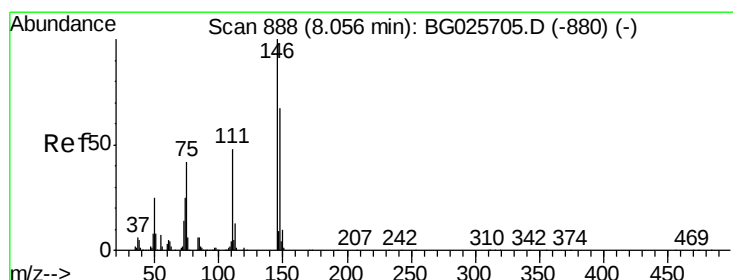
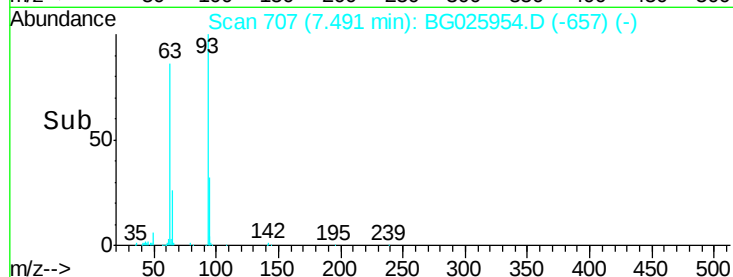
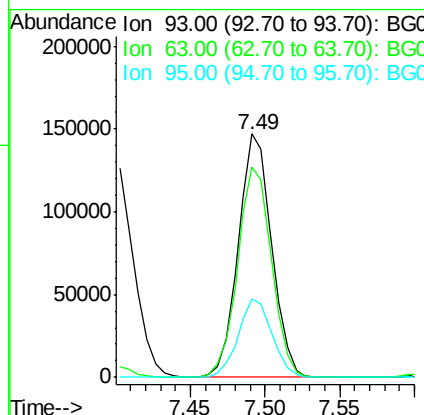
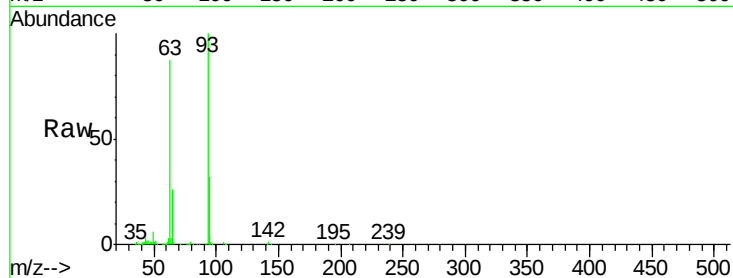




#11
bis(2-Chloroethyl)ether
Concen: 36.51 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

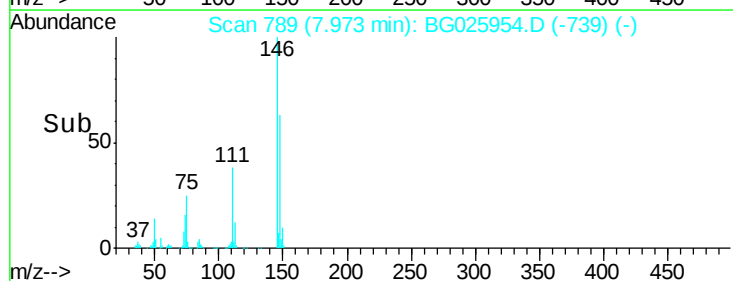
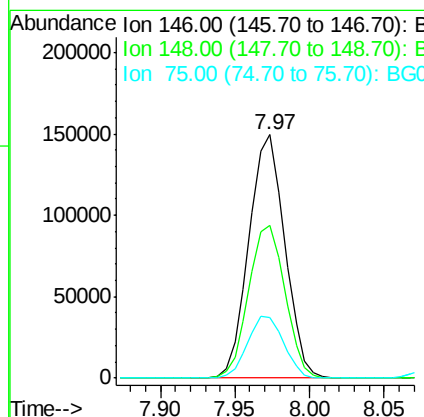
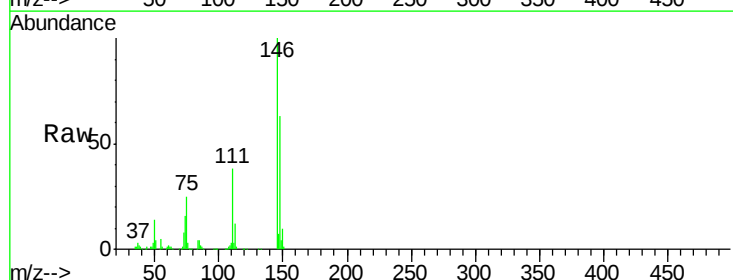
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

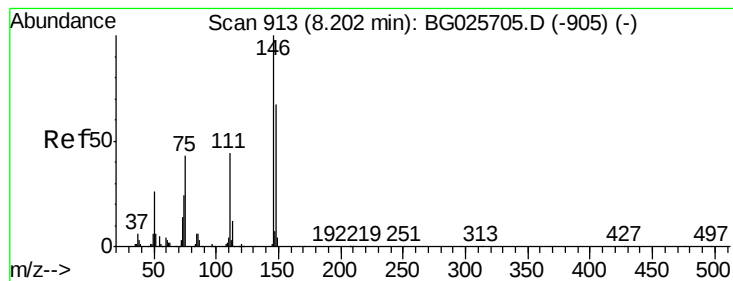
Tgt Ion: 93 Resp: 227421
Ion Ratio Lower Upper
93 100
63 86.6 78.5 118.5
95 32.4 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 38.37 ng
RT: 7.97 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion: 146 Resp: 248434
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
75 24.6 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 38.29 ng

RT: 8.11 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

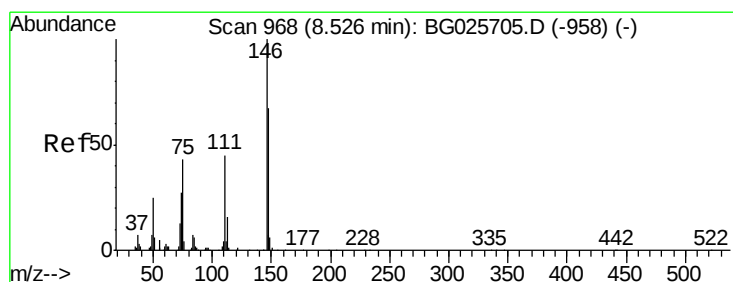
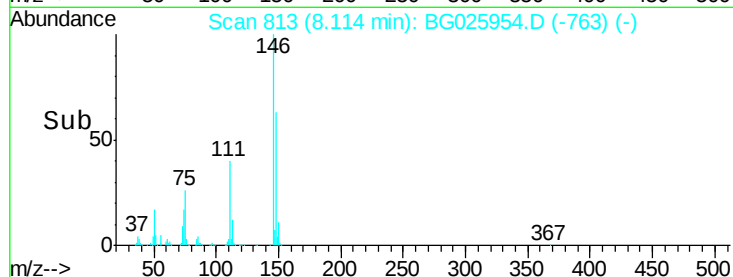
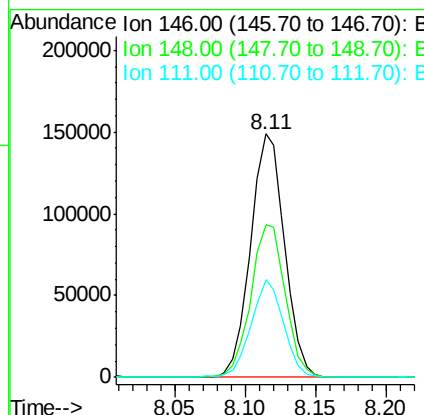
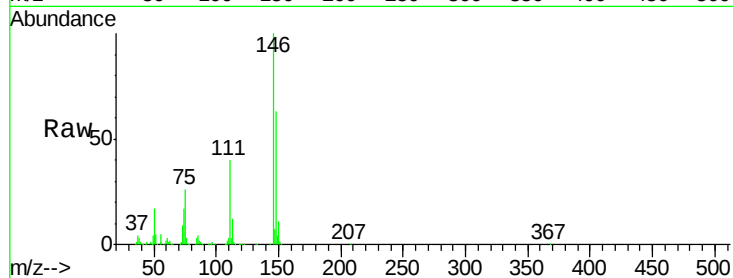
Instrument :

BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:	146	Resp:	251143
Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	40.1	37.0	55.6



#14

1,2-Dichlorobenzene

Concen: 38.61 ng

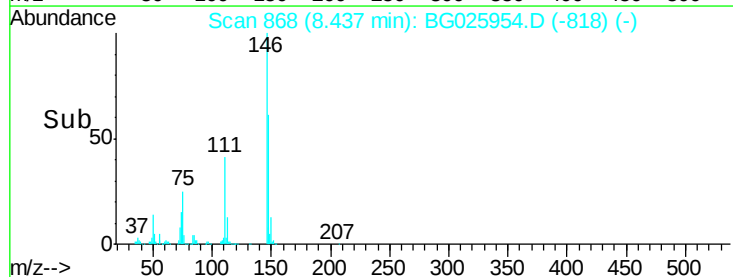
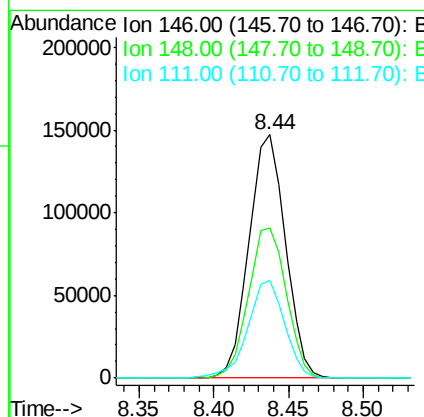
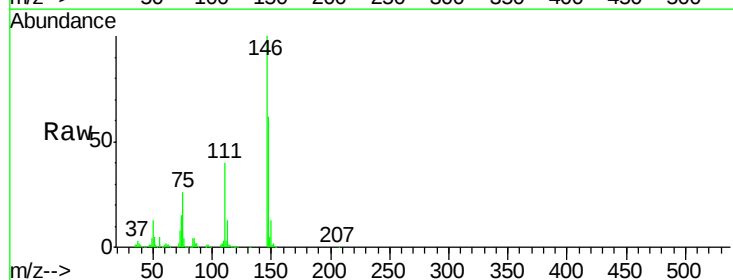
RT: 8.44 min Scan# 868

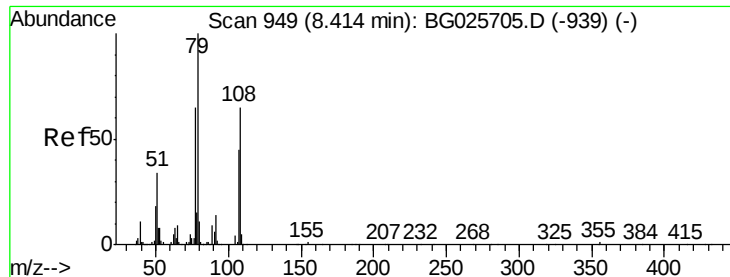
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	146	Resp:	248645
Ion	Ratio	Lower	Upper
146	100		
148	61.5	54.6	81.8
111	40.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.16 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

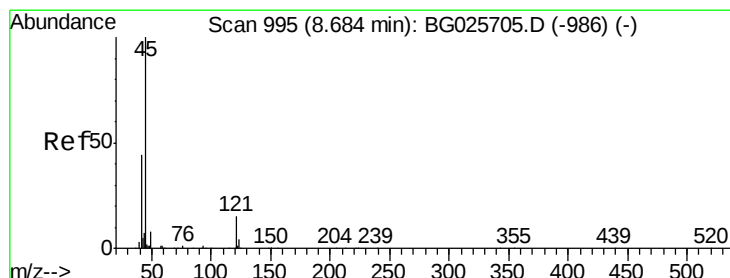
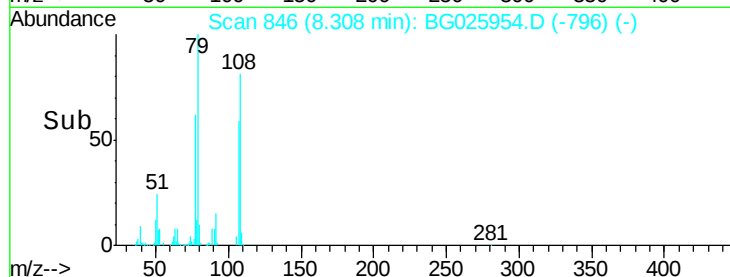
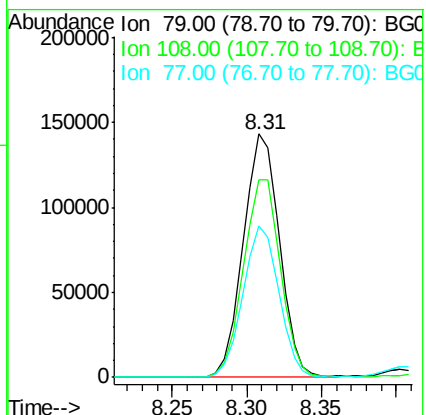
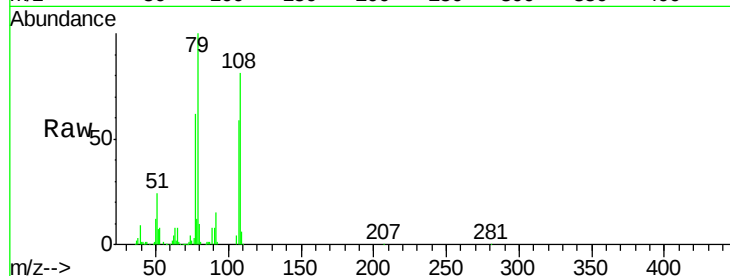
Tgt Ion: 79 Resp: 240840

Ion Ratio Lower Upper

79 100

108 81.3 45.5 68.3#

77 62.0 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.50 ng

RT: 8.61 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

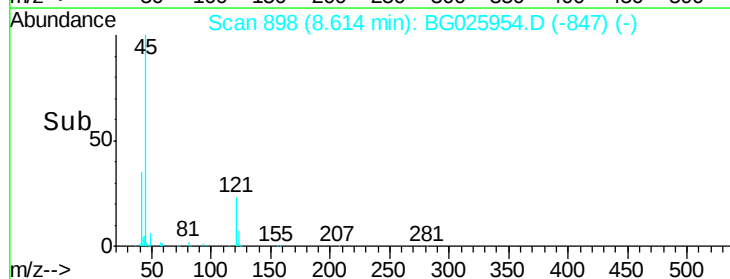
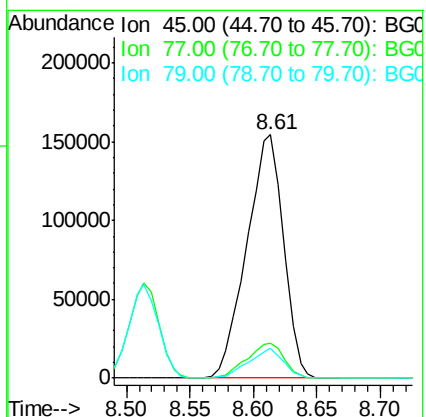
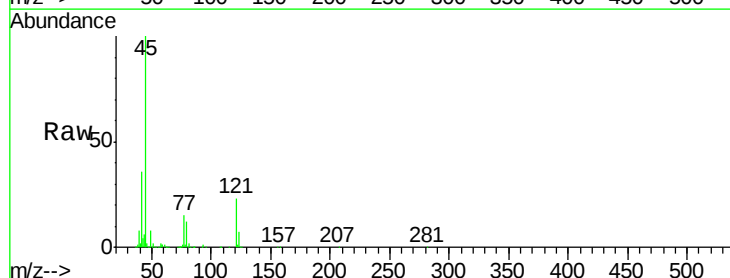
Tgt Ion: 45 Resp: 311889

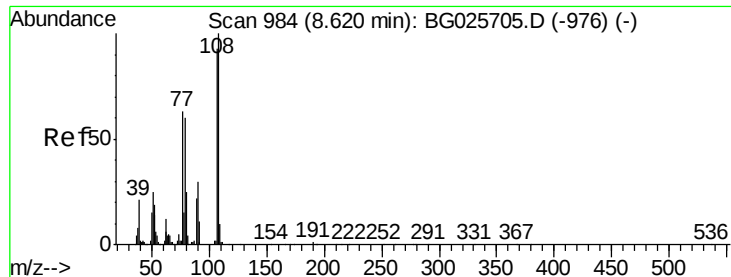
Ion Ratio Lower Upper

45 100

77 14.6 0.0 30.6

79 12.2 0.0 28.5

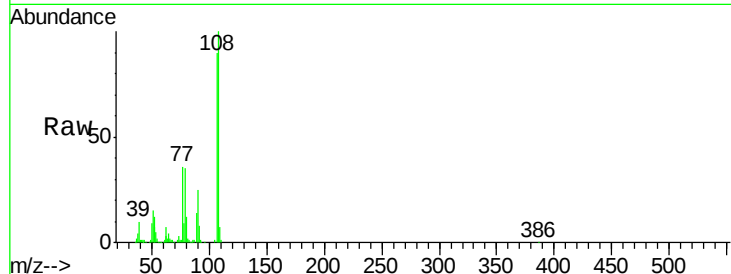




#17
2-Methylphenol
Concen: 46.48 ng
RT: 8.51 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	85.6	128.4
77	40.0	51.4	77.2#
79	39.4	49.2	73.8#



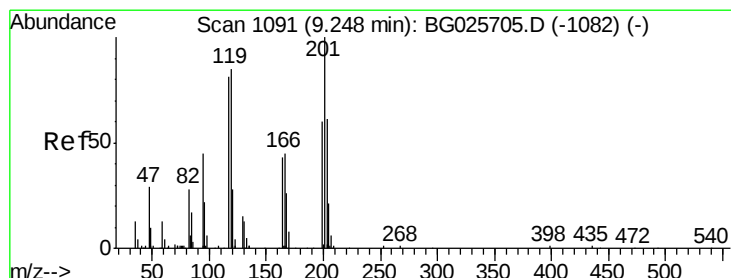
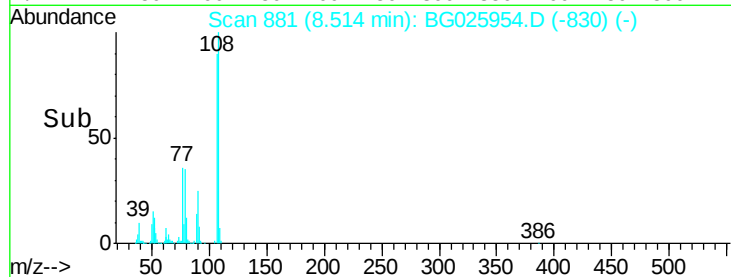
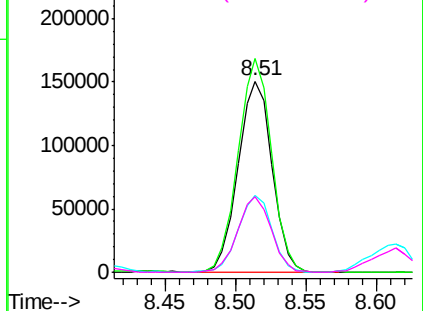
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

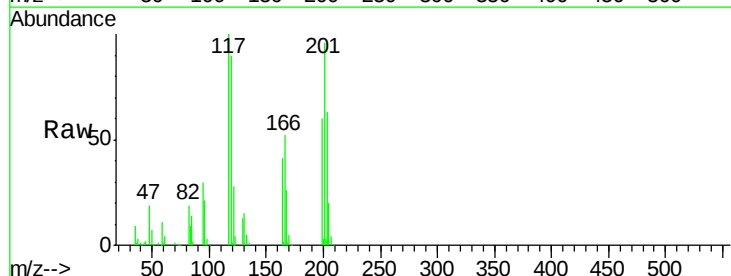
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.29 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	69.8	104.6
201	96.1	95.4	143.0

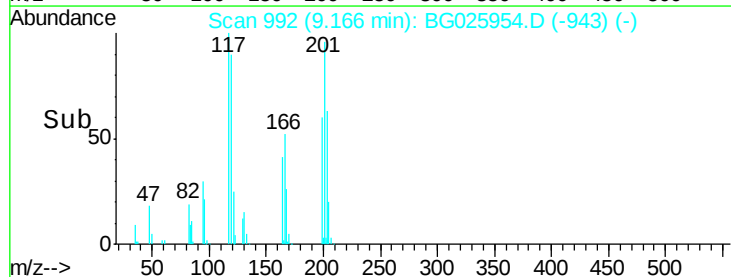
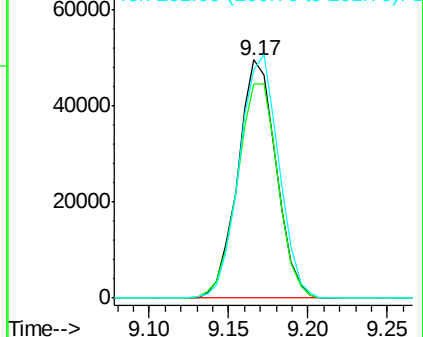


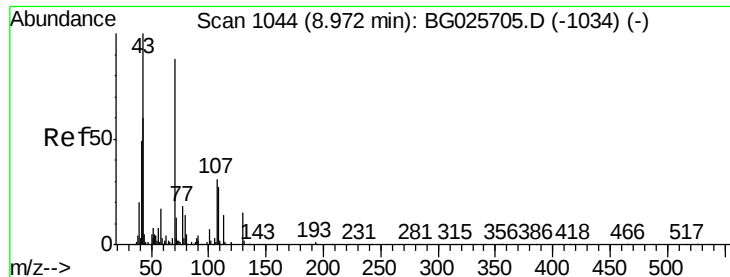
Abundance

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

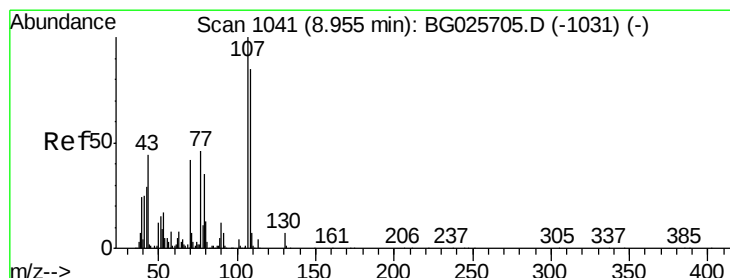
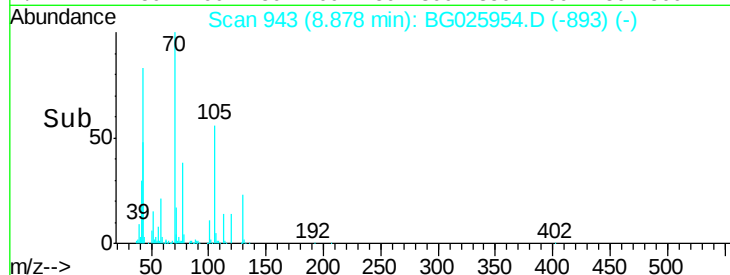
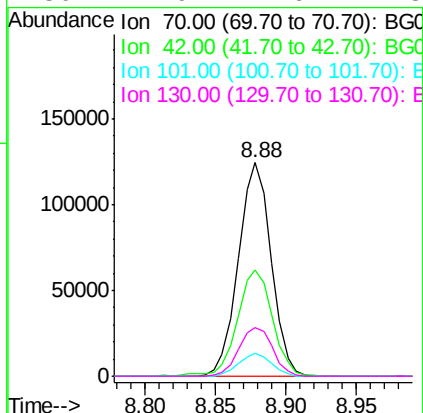
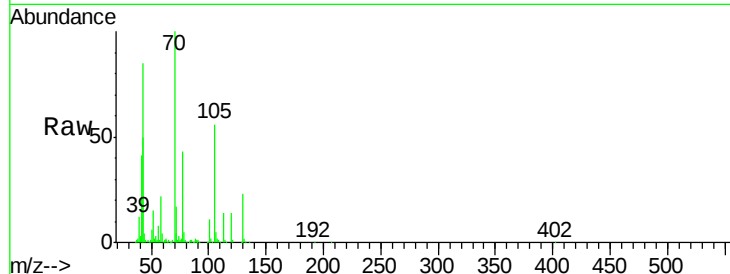




#19
n-Nitroso-di-n-propylamine
Concen: 39.55 ng
RT: 8.88 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

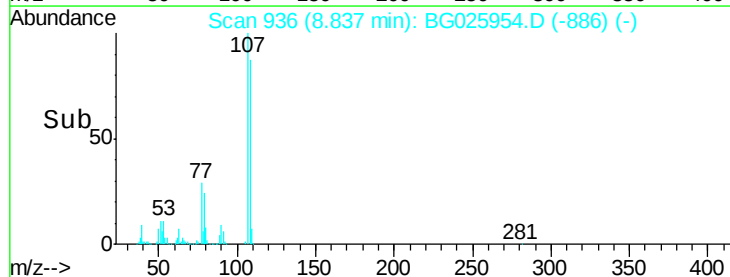
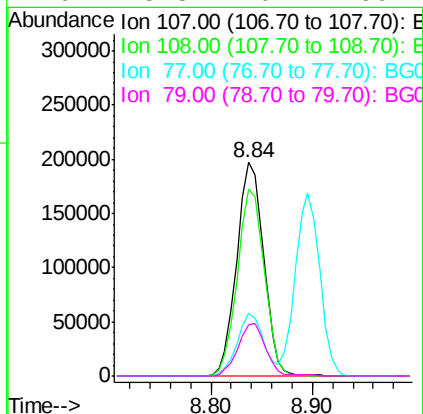
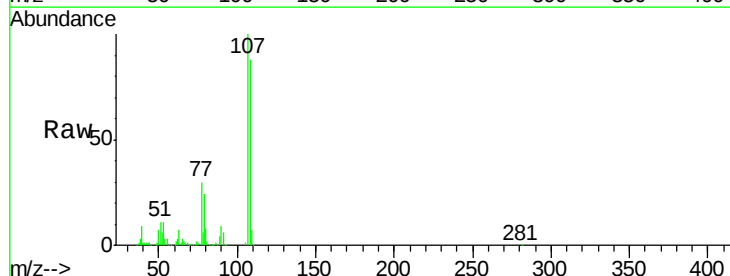
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

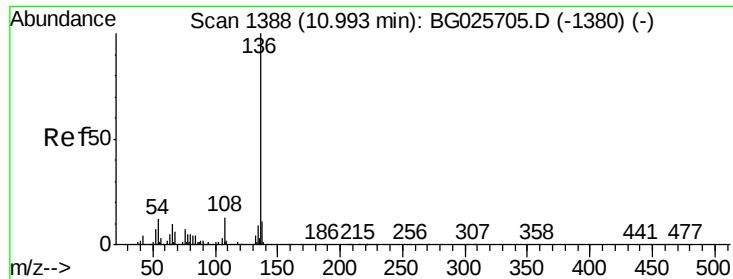
Tgt Ion:	70	Resp:	201479
Ion	Ratio	Lower	Upper
70	100		
42	49.9	56.1	84.1#
101	11.1	7.5	11.3
130	22.9	14.6	21.8#



#20
3+4-Methylphenols
Concen: 47.00 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:	107	Resp:	365557
Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.8	110.8
77	29.5	25.8	65.8
79	23.8	20.1	60.1

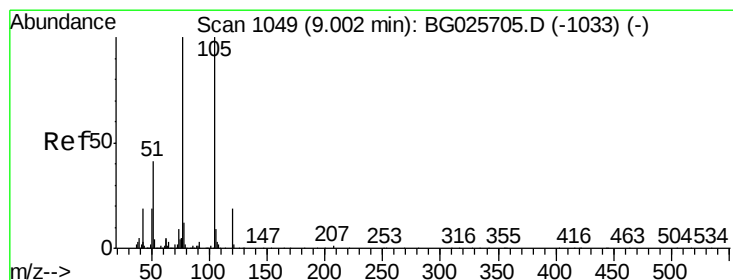
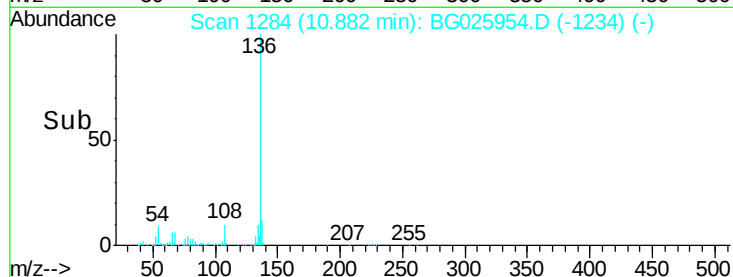
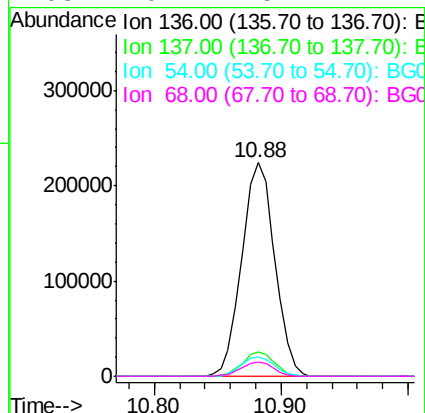
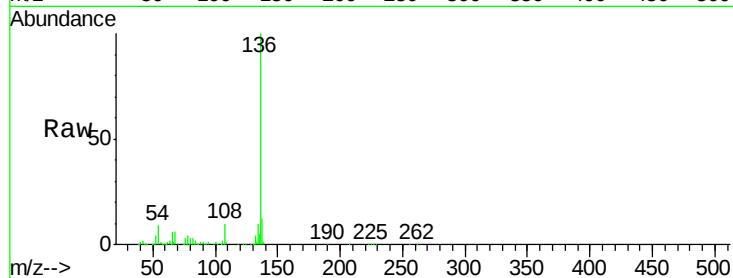




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

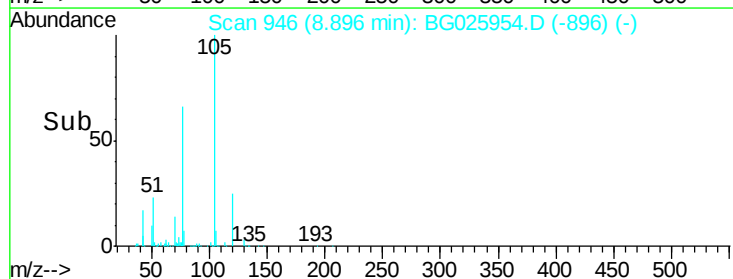
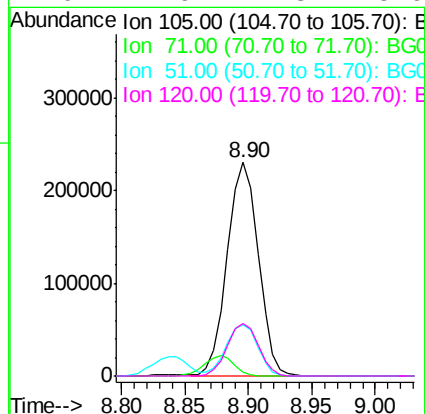
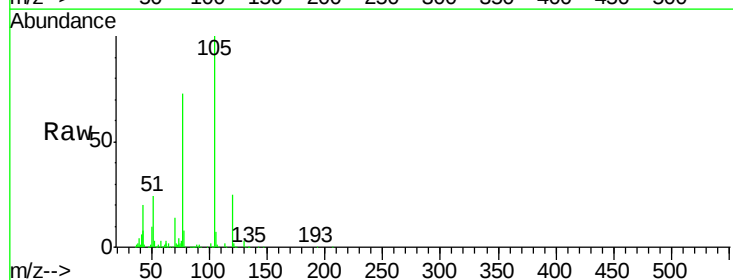
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

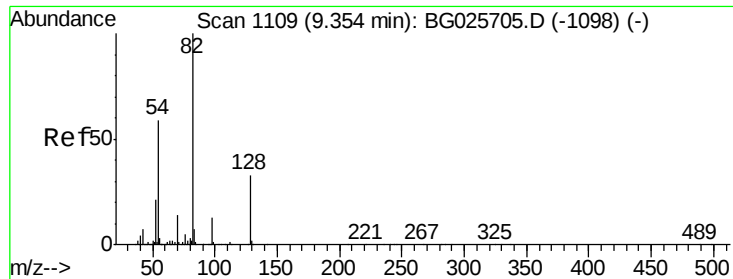
Tgt Ion:	136	Resp:	404373
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	9.0	9.3	13.9#
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 40.39 ng
RT: 8.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:	105	Resp:	391935
Ion	Ratio	Lower	Upper
105	100		
71	2.0	0.9	1.3#
51	24.1	34.0	51.0#
120	24.6	17.3	25.9

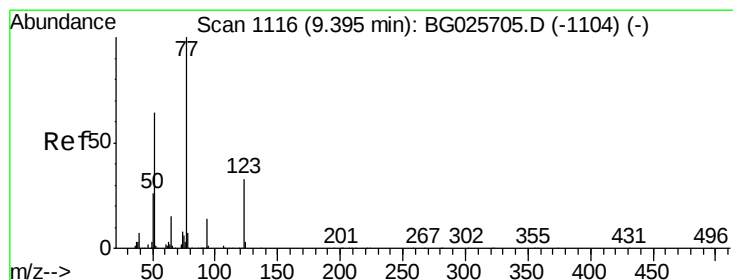
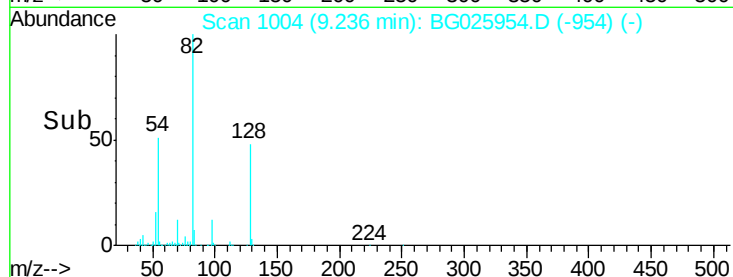
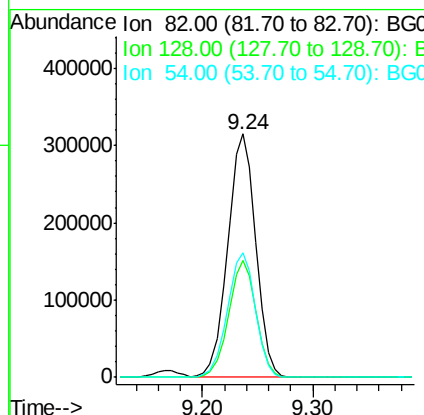
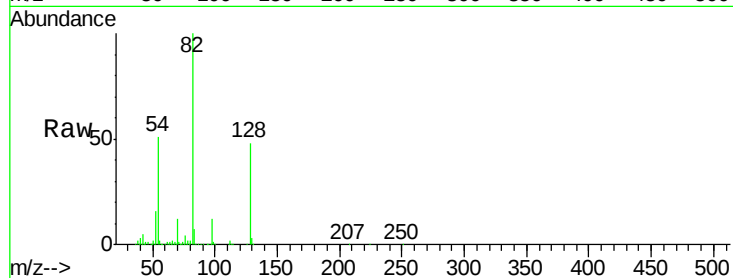




#23
 Nitrobenzene-d5
 Concen: 87.08 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

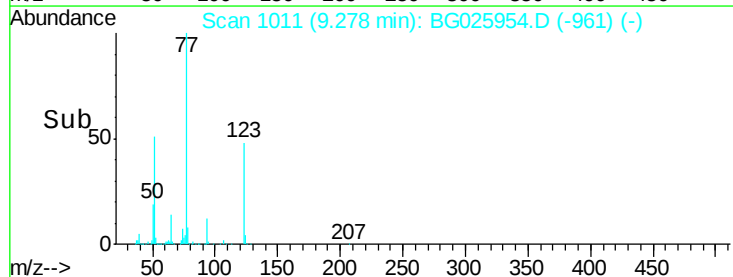
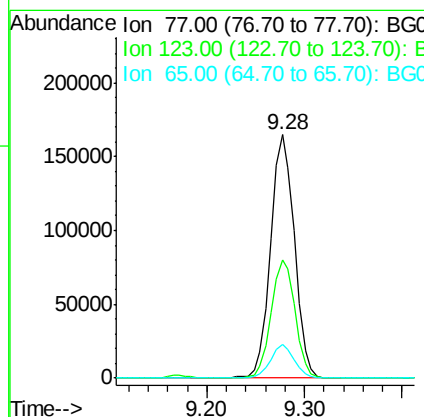
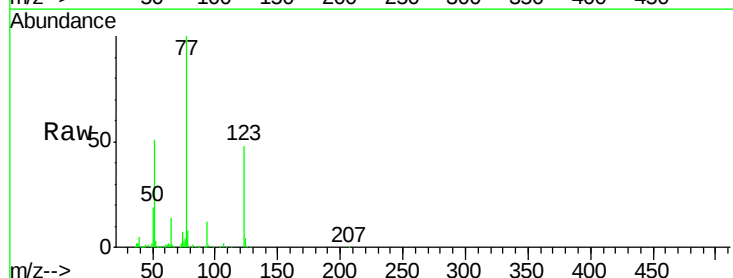
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

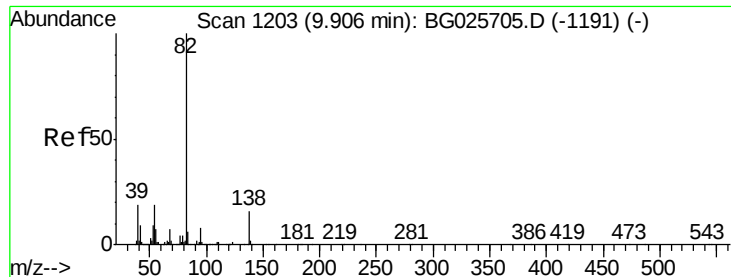
Tgt Ion: 82 Resp: 557983
 Ion Ratio Lower Upper
 82 100
 128 47.8 26.4 39.6#
 54 51.3 49.4 74.2



#24
 Nitrobenzene
 Concen: 40.72 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion: 77 Resp: 282153
 Ion Ratio Lower Upper
 77 100
 123 48.3 26.1 39.1#
 65 13.8 12.4 18.6





#25

Isophorone

Concen: 41.84 ng

RT: 9.80 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

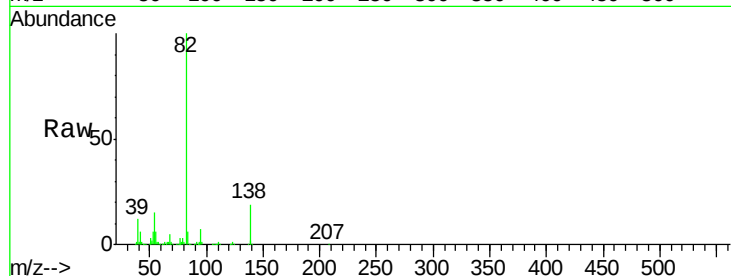
Tgt Ion: 82 Resp: 590008

Ion Ratio Lower Upper

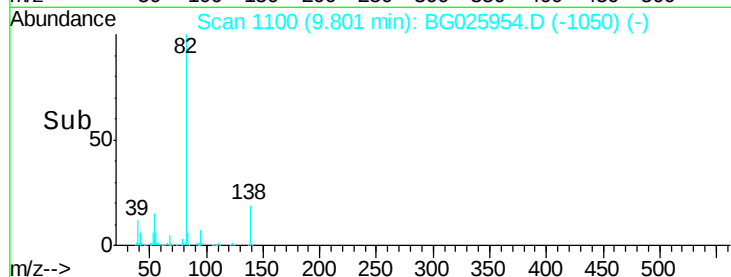
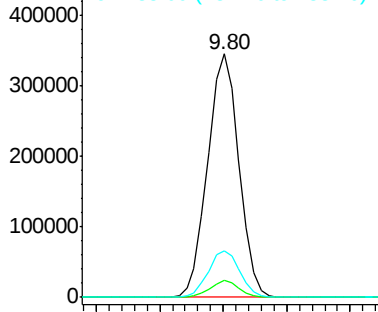
82 100

95 7.0 7.5 11.3#

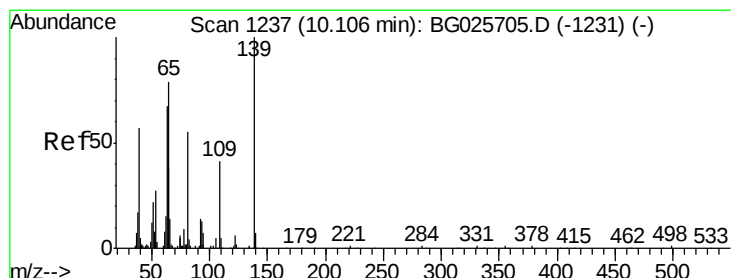
138 19.3 12.3 18.5#



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: 47.46 ng

RT: 9.99 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

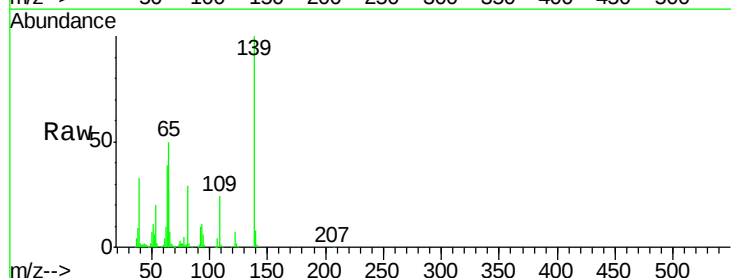
Tgt Ion: 139 Resp: 153792

Ion Ratio Lower Upper

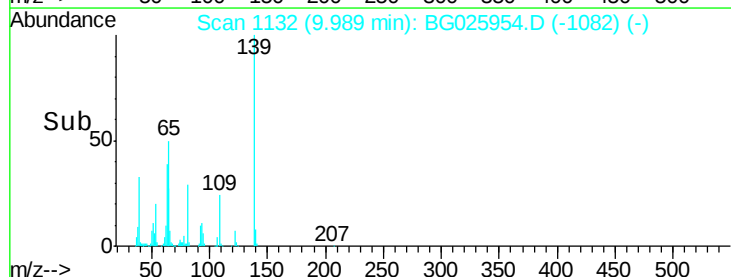
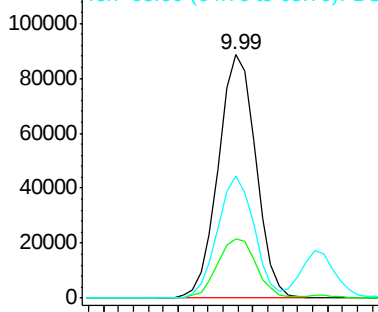
139 100

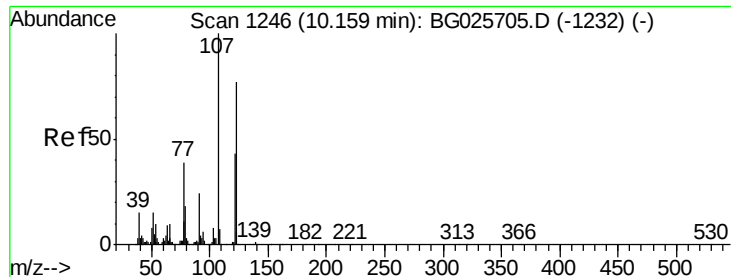
109 24.4 38.6 58.0#

65 50.1 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

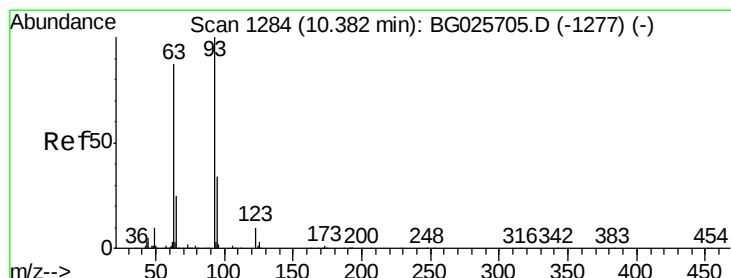
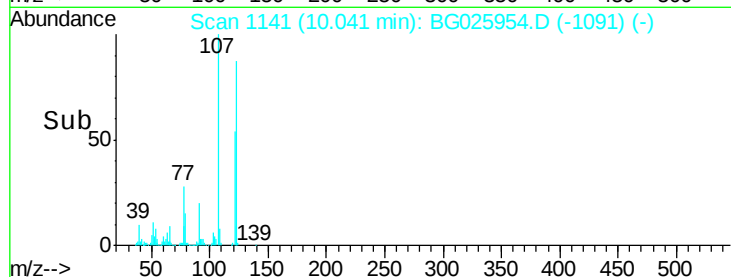
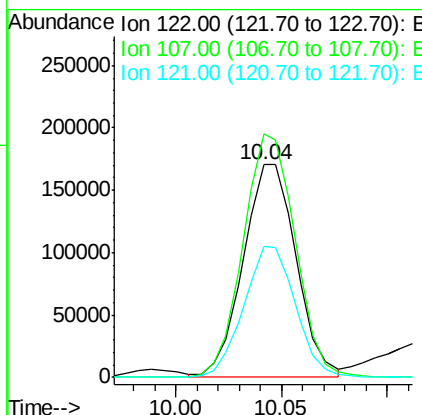
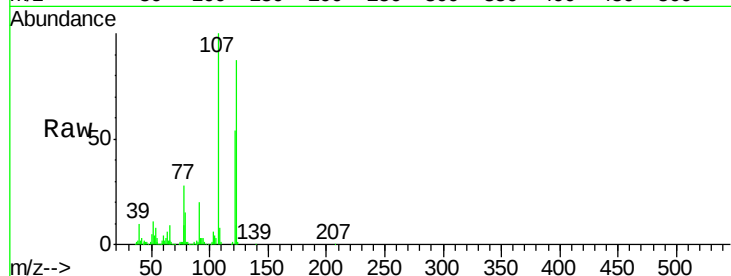




#27
2,4-Dimethylphenol
Concen: 49.06 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

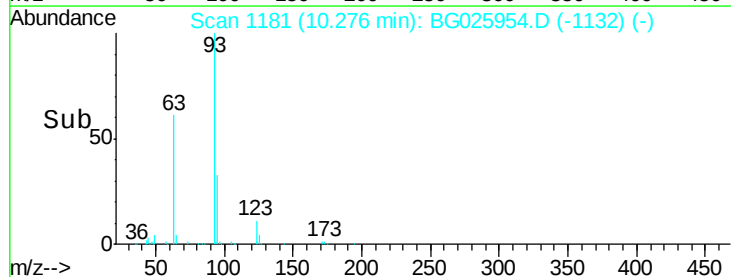
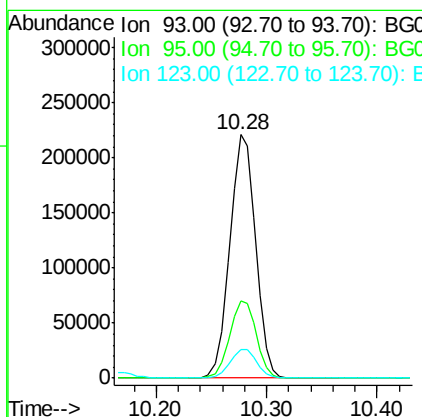
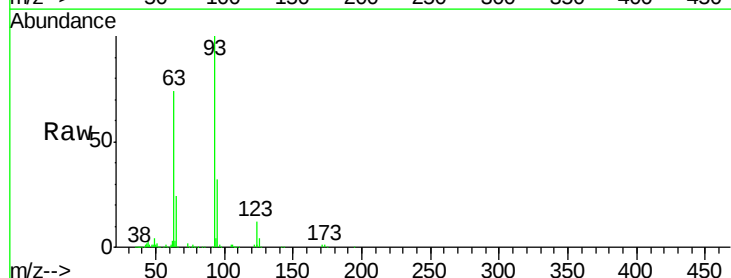
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

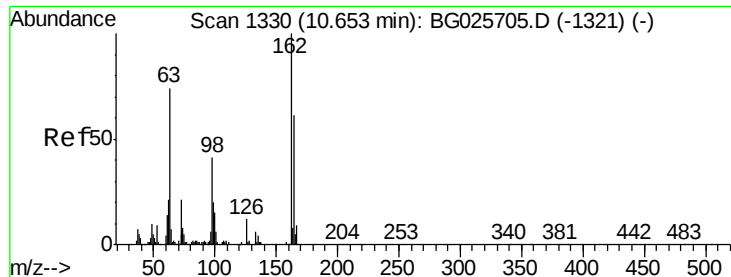
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.4	104.2	156.4
121	61.4	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.53 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.6	8.3	12.5

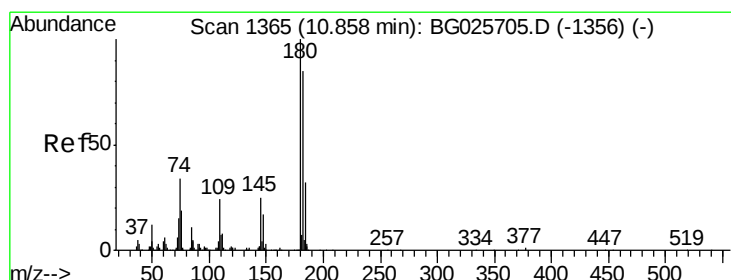
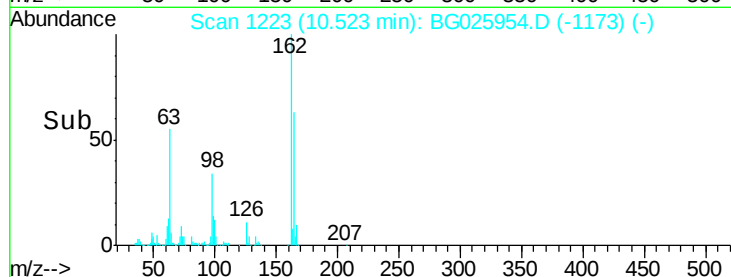
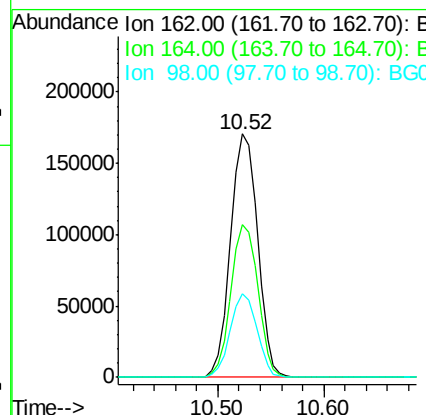
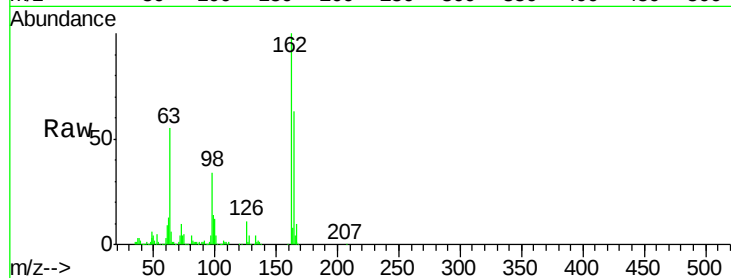




#29
 2,4-Dichlorophenol
 Concen: 52.46 ng
 RT: 10.52 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

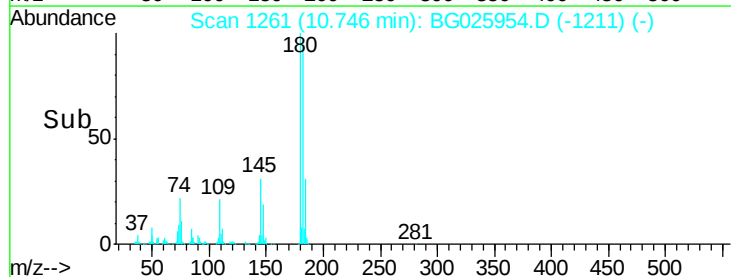
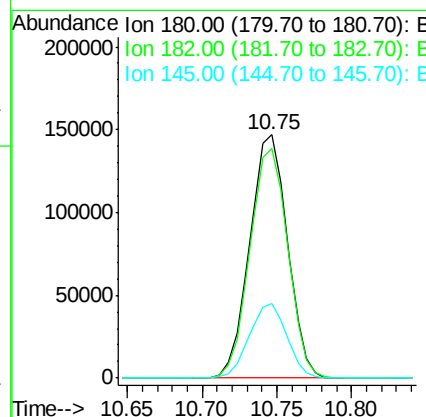
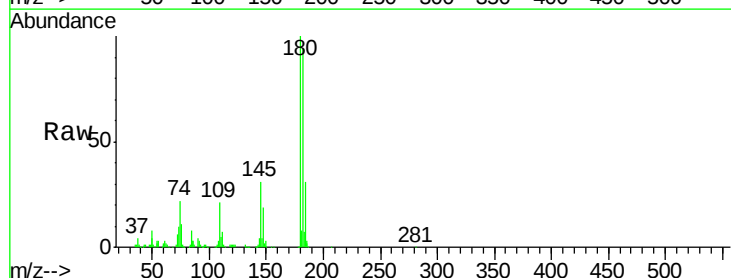
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

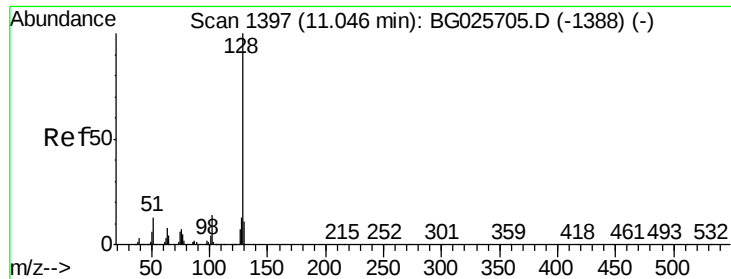
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.4	82.4
98	34.3	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.83 ng
 RT: 10.75 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.0	115.4
145	30.5	23.4	35.0

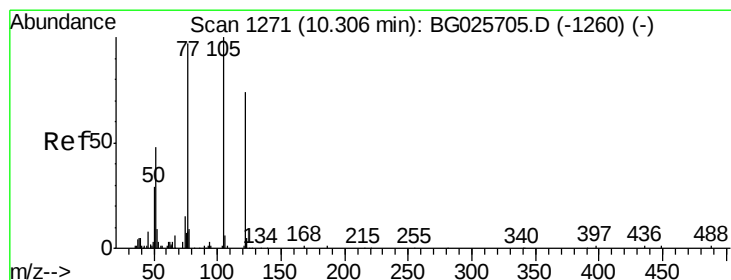
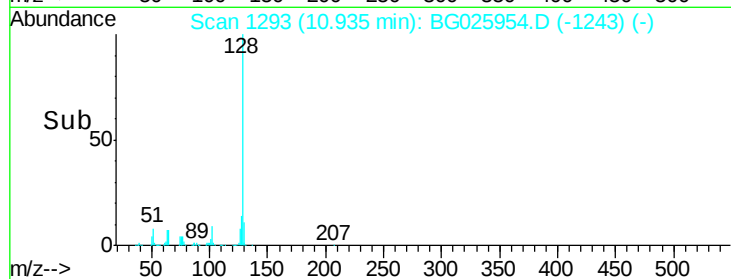
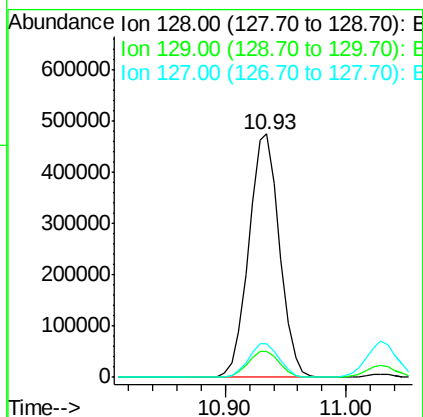
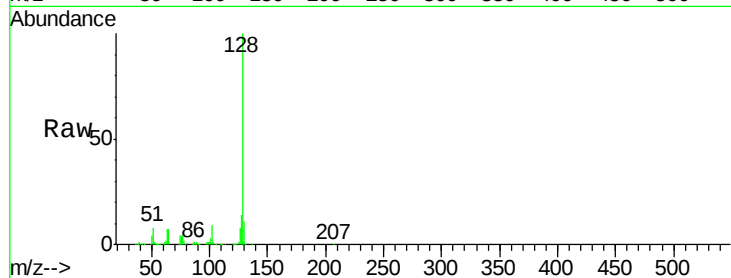




#31
Naphthalene
Concen: 40.11 ng
RT: 10.93 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

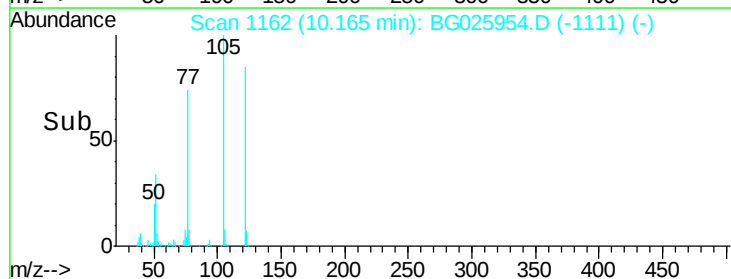
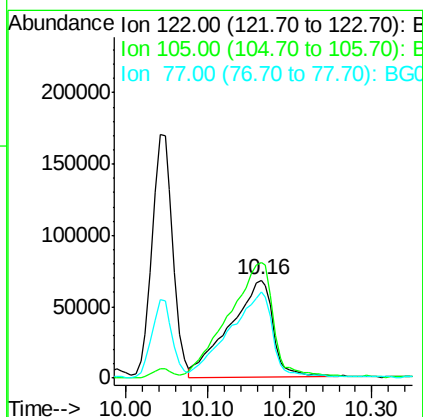
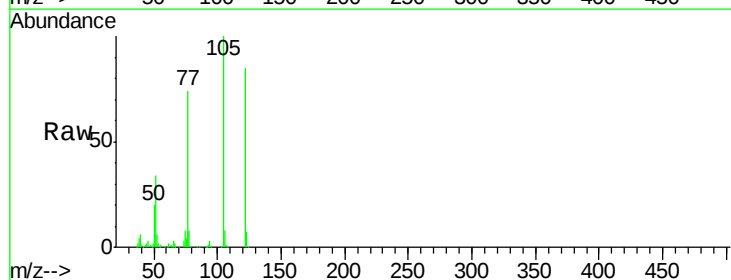
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

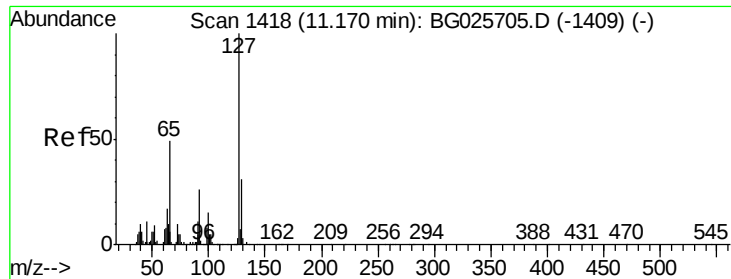
Tgt Ion:128 Resp: 838586
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 54.07 ng
RT: 10.16 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:122 Resp: 249645
Ion Ratio Lower Upper
122 100
105 118.2 120.1 160.1#
77 87.3 104.6 144.6#

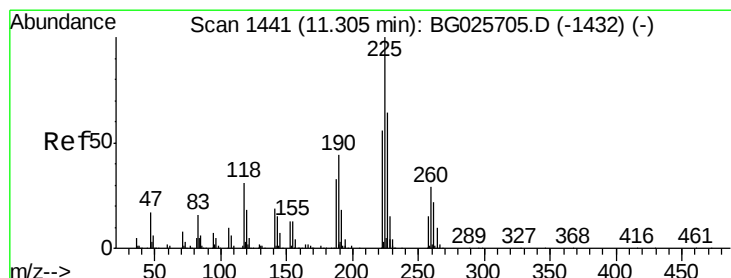
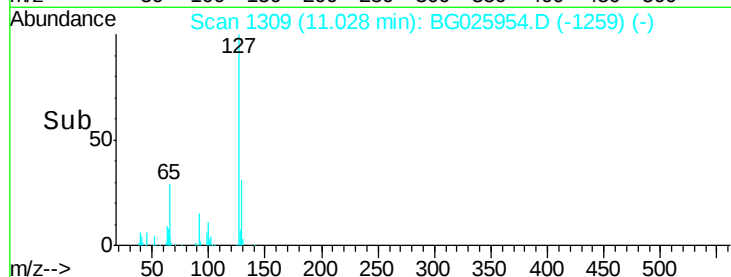
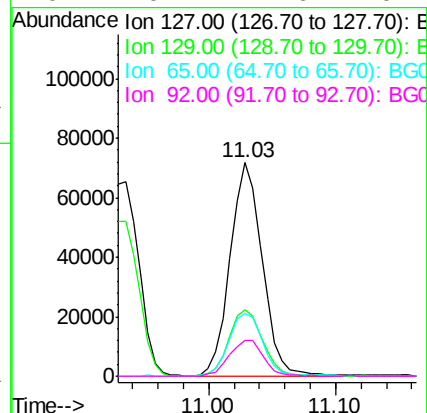
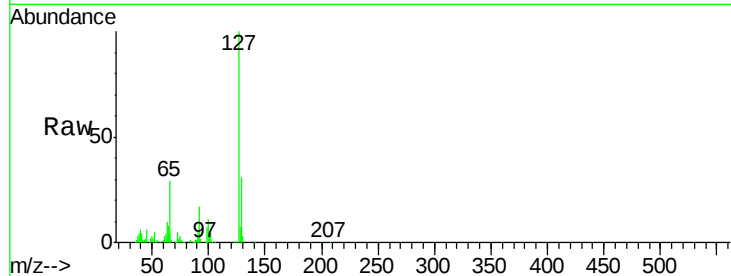




#33
4-Chloroaniline
Concen: 13.78 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

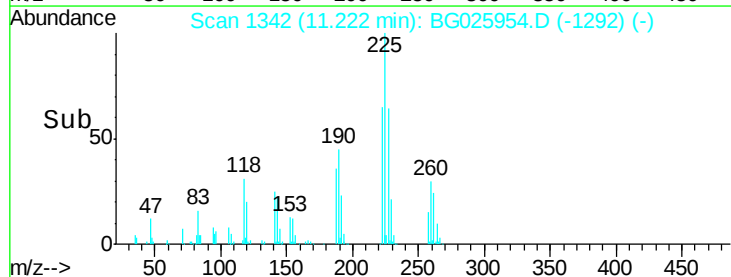
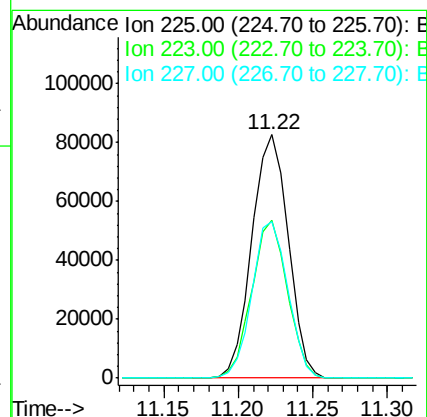
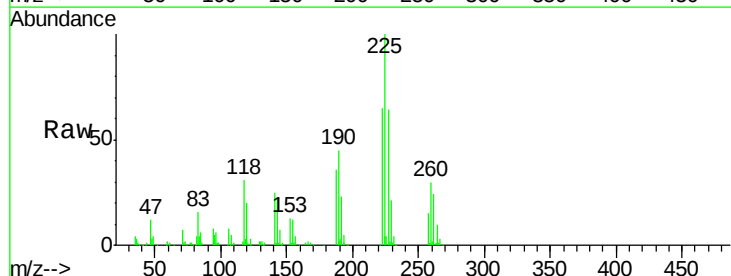
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

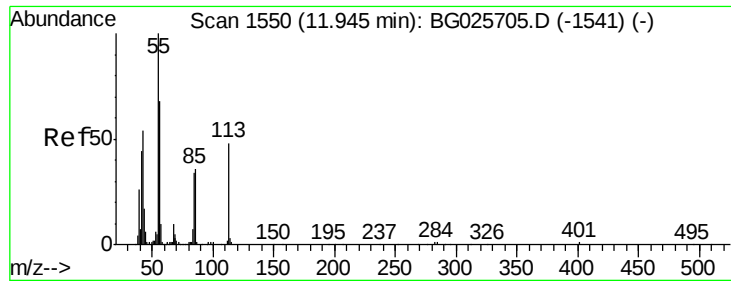
Tgt Ion:	127	Resp:	125142
Ion	Ratio	Lower	Upper
127	100		
129	31.4	23.6	35.4
65	29.1	37.7	56.5#
92	16.7	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 11.22 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:	225	Resp:	138995
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.7	76.1
227	64.4	49.0	73.6

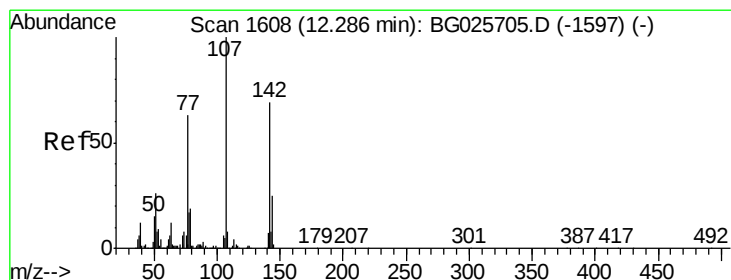
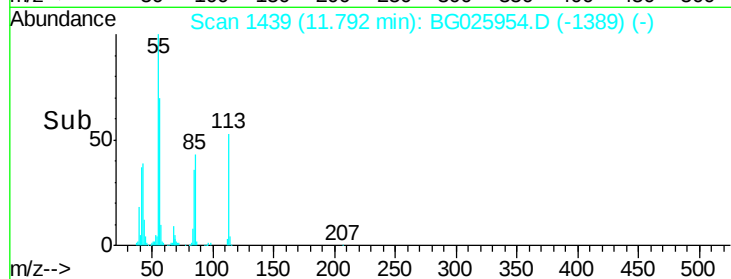
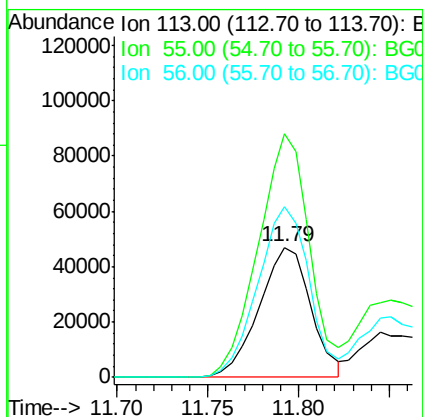
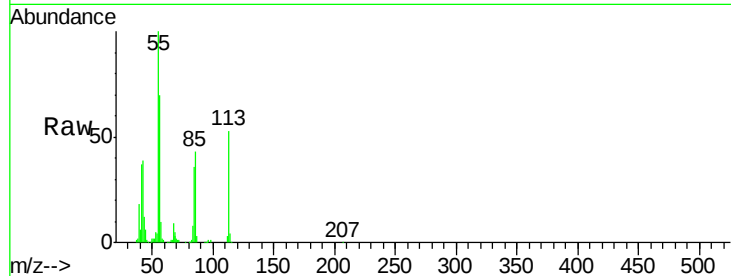




#35
 Caprolactam
 Concen: 39.94 ng
 RT: 11.79 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

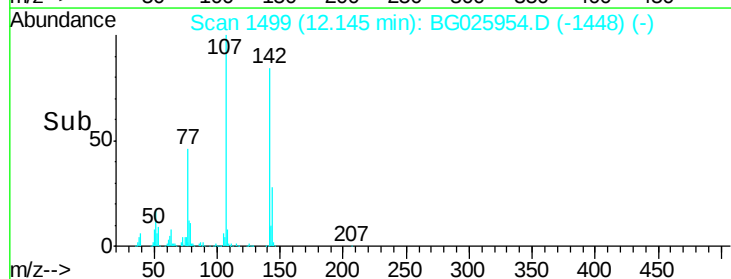
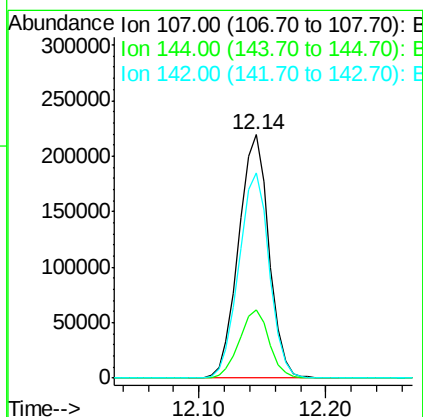
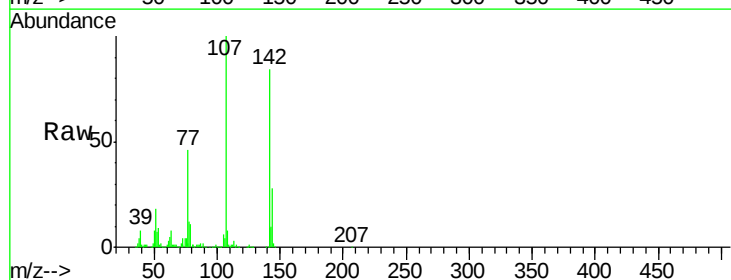
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

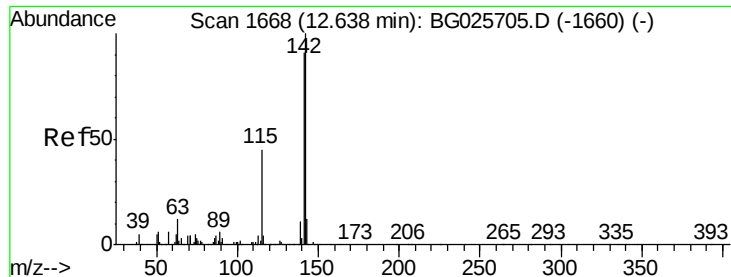
Tgt Ion: 113 Resp: 93088
 Ion Ratio Lower Upper
 113 100
 55 186.9 198.6 238.6#
 56 130.6 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 52.61 ng
 RT: 12.14 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion: 107 Resp: 363323
 Ion Ratio Lower Upper
 107 100
 144 27.9 17.4 26.0#
 142 84.4 54.1 81.1#

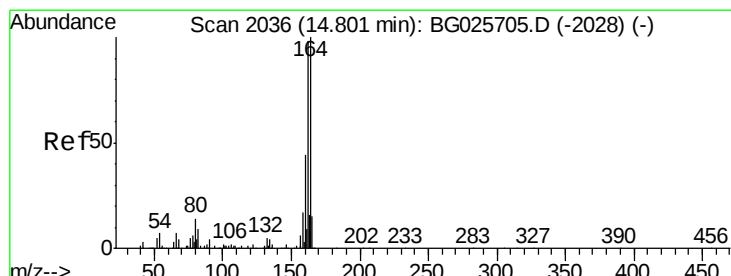
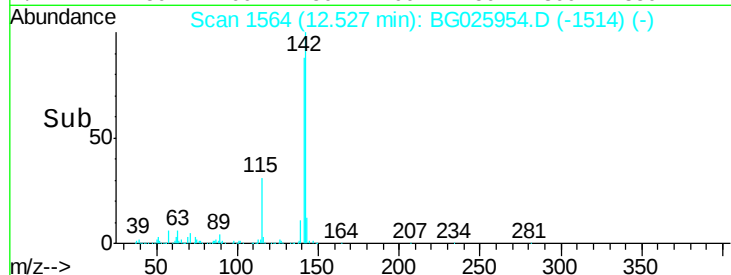
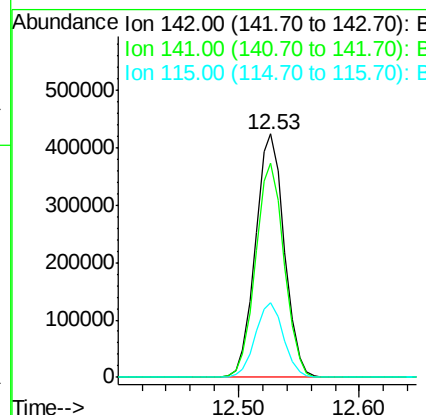
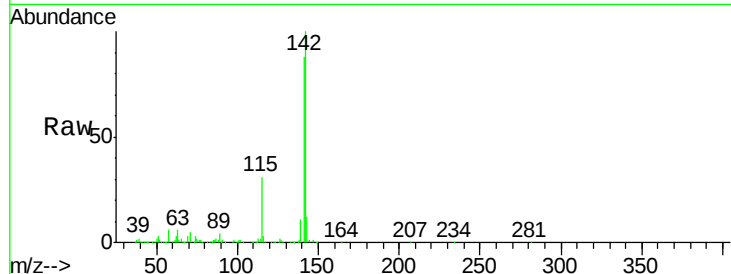




#37
 2-Methylnaphthalene
 Concen: 44.04 ng
 RT: 12.53 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

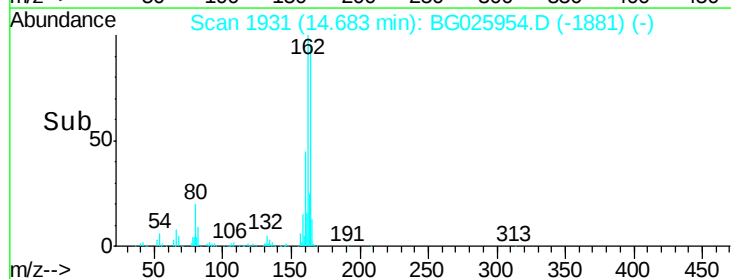
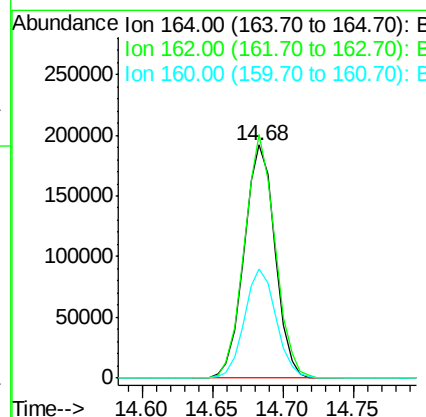
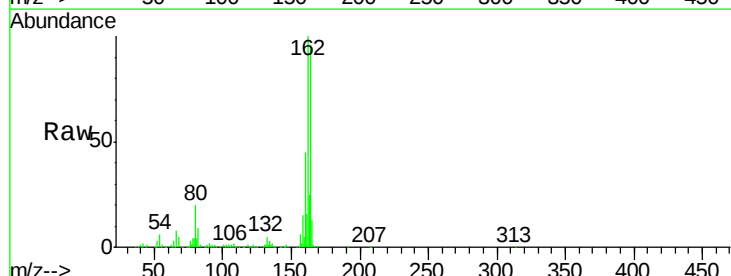
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

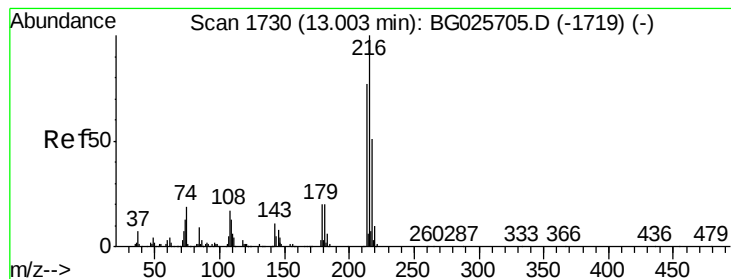
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	30.9	35.5	53.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	47.1	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.73 ng

RT: 12.89 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:216 Resp: 313893

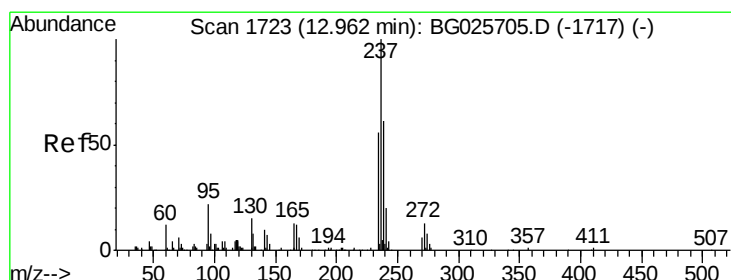
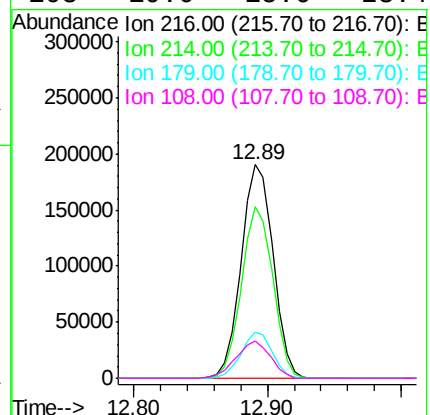
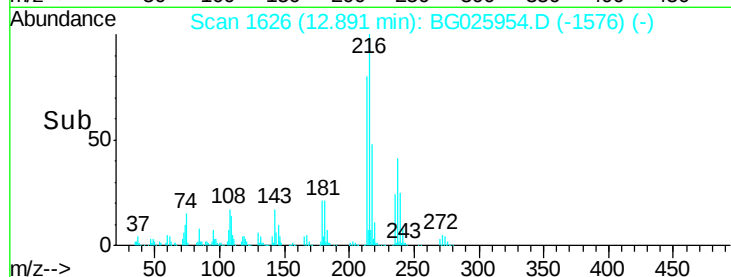
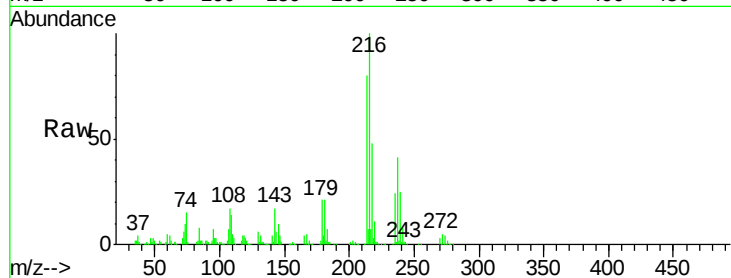
Ion Ratio Lower Upper

216 100

214 78.7 64.4 96.6

179 21.1 17.4 26.0

108 19.0 15.6 23.4



#40

Hexachlorocyclopentadiene

Concen: 87.45 ng

RT: 12.87 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

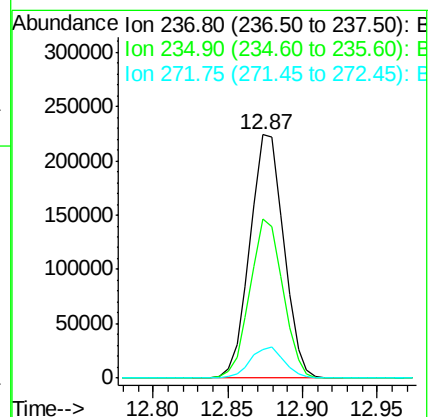
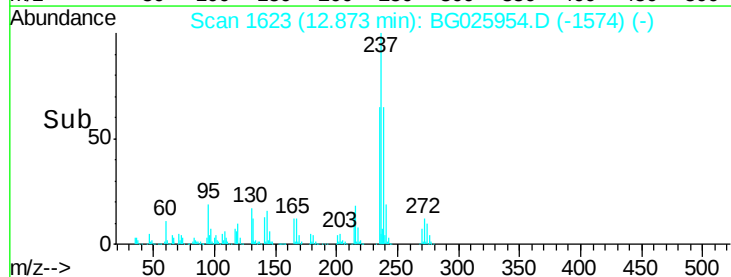
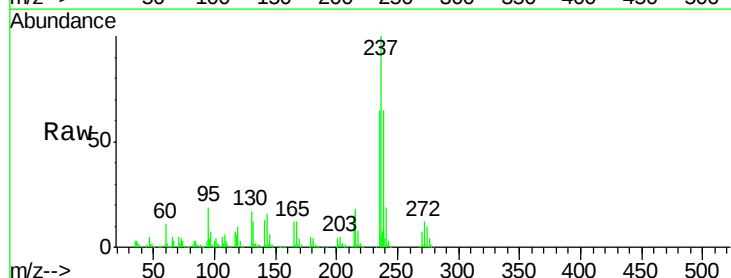
Tgt Ion:237 Resp: 351497

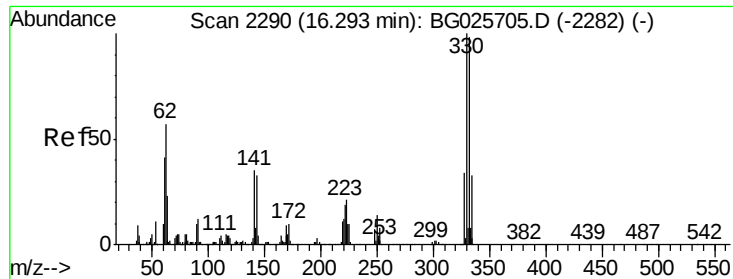
Ion Ratio Lower Upper

237 100

235 65.2 39.4 79.4

272 11.8 0.0 32.0

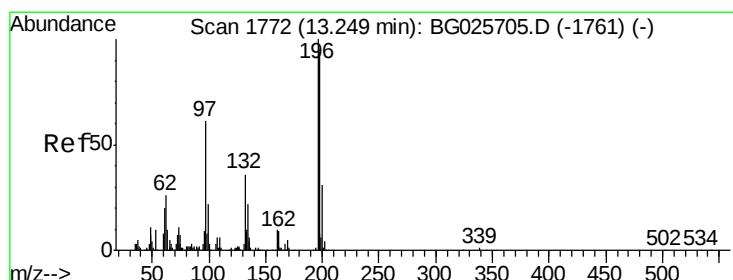
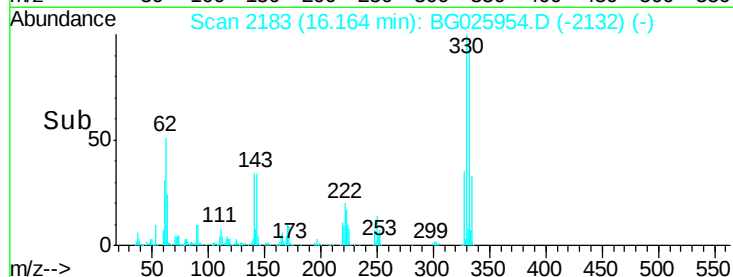
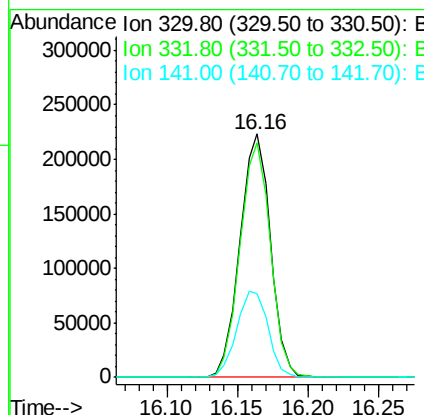
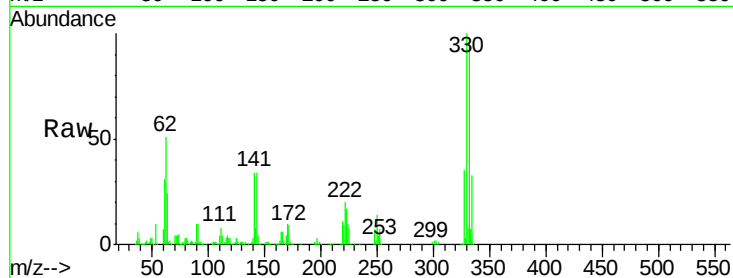




#41
 2,4,6-Tribromophenol
 Concen: 124.57 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

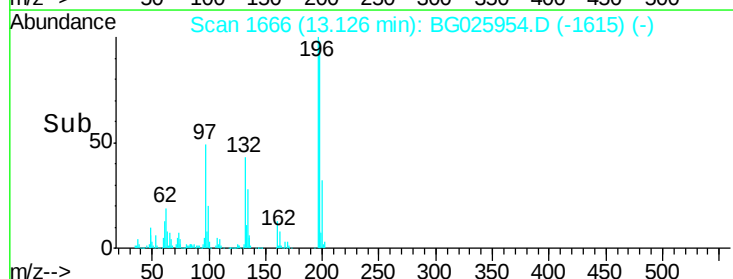
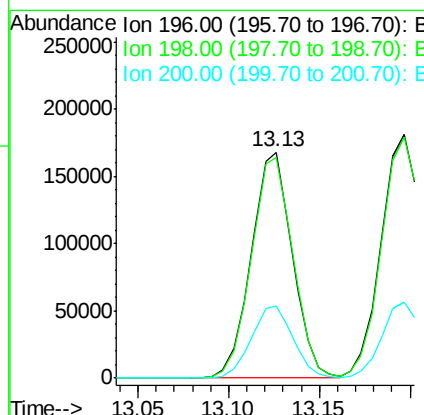
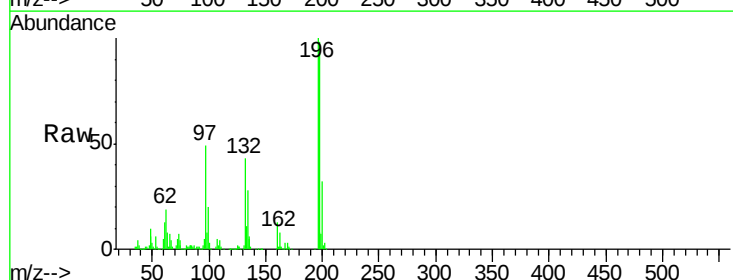
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

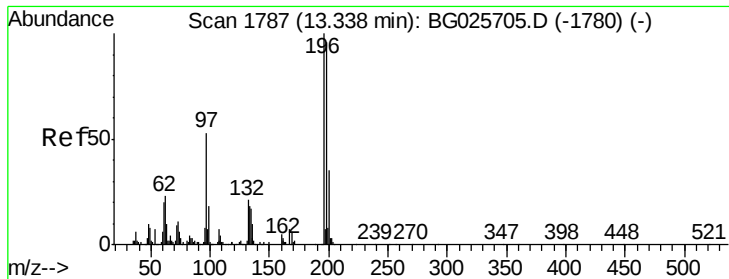
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.6	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 55.71 ng
 RT: 13.13 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	81.4	122.2
200	32.2	27.0	40.6

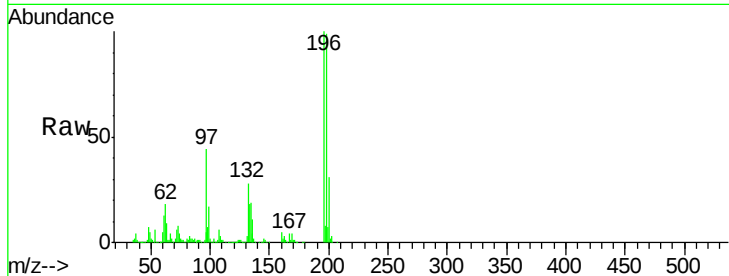




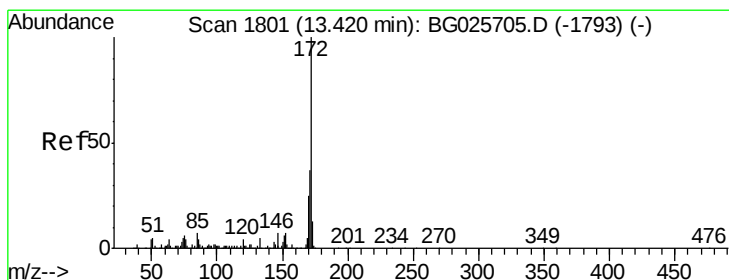
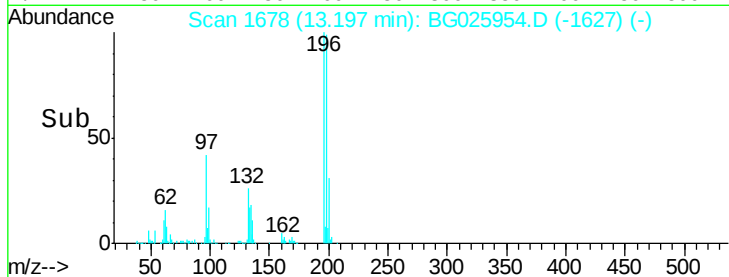
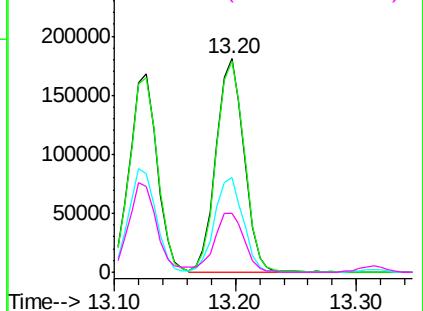
#43
 2,4,5-Trichlorophenol
 Concen: 53.66 ng
 RT: 13.20 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.9	119.9
97	44.2	45.4	68.0
132	27.8	20.7	31.1

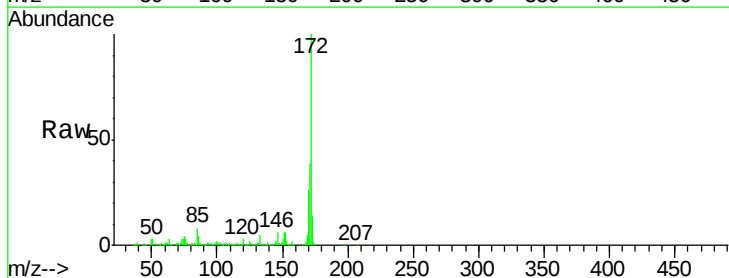


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

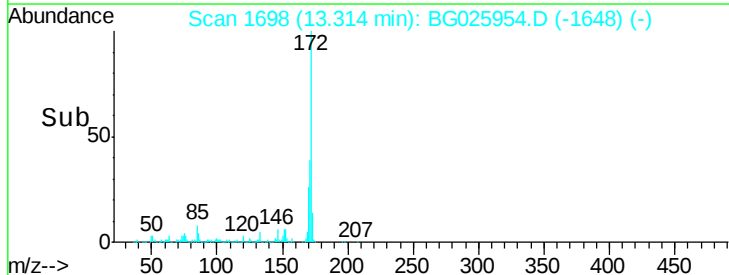
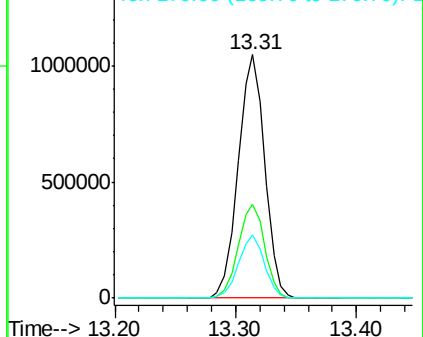


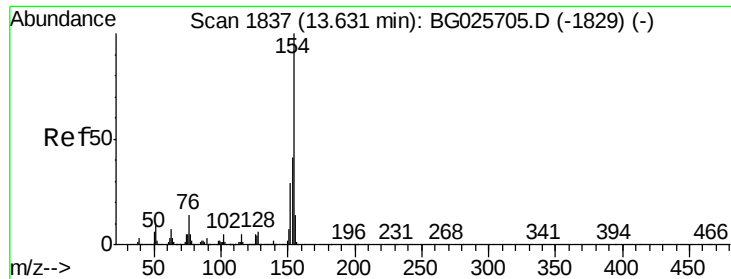
#44
 2-Fluorobiphenyl
 Concen: 95.40 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	26.0	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

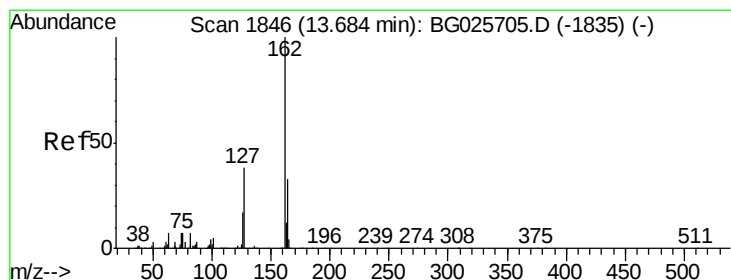
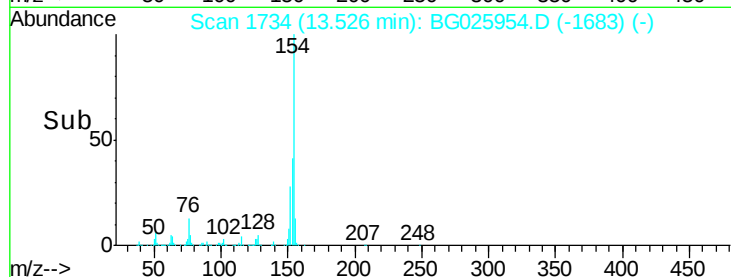
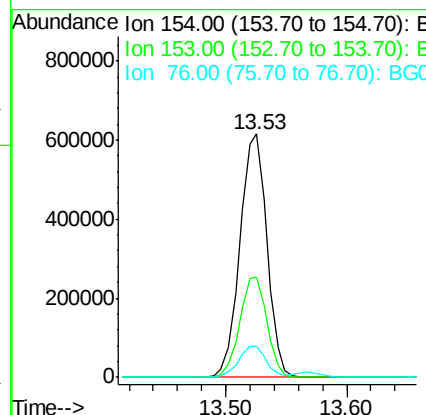
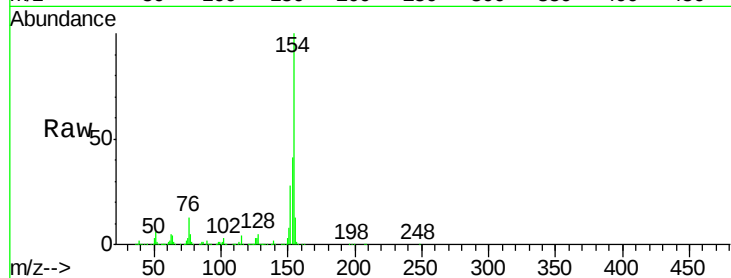




#45
 1,1'-Biphenyl
 Concen: 45.10 ng
 RT: 13.53 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

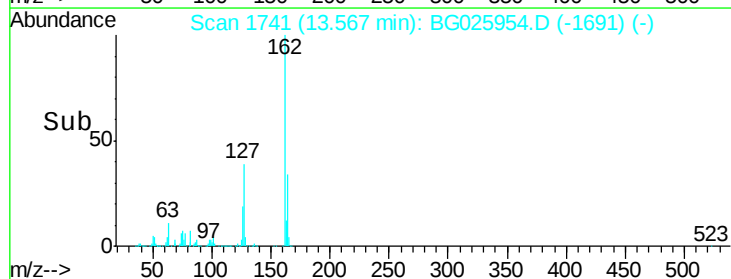
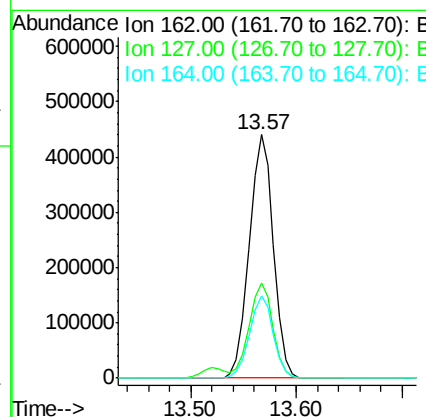
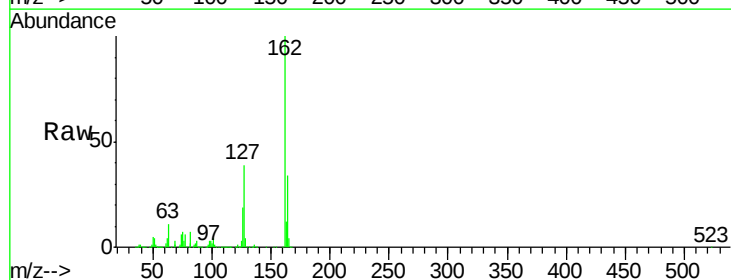
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

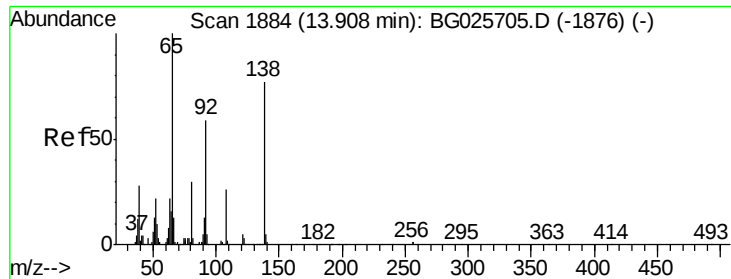
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	12.9	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 45.26 ng
 RT: 13.57 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	33.6	27.3	40.9

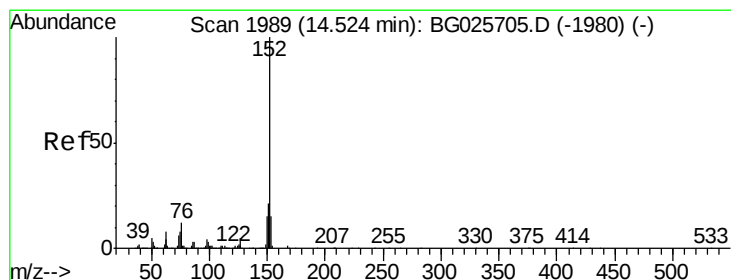
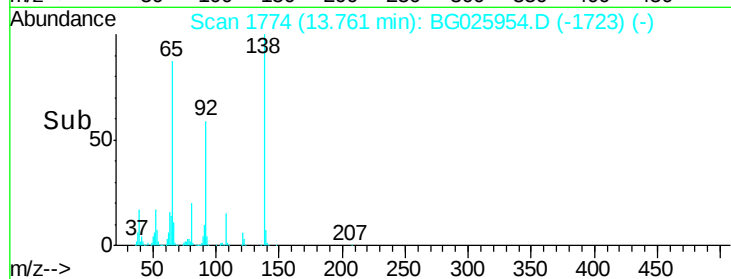
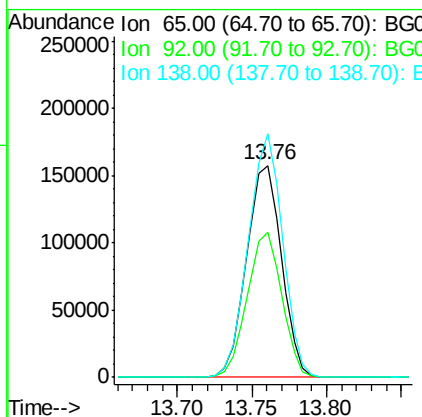
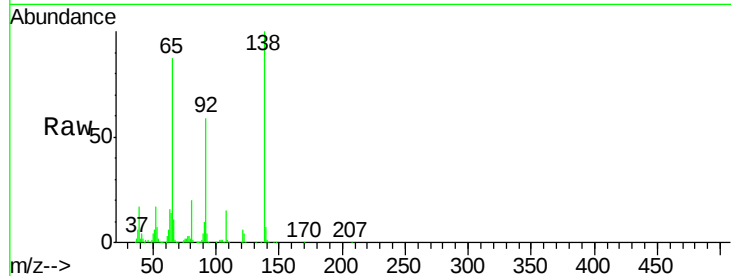




#47
2-Nitroaniline
Concen: 52.55 ng
RT: 13.76 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

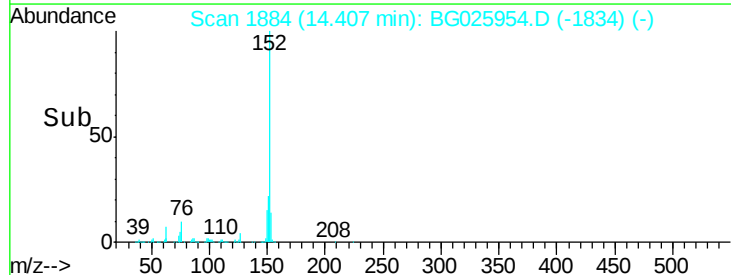
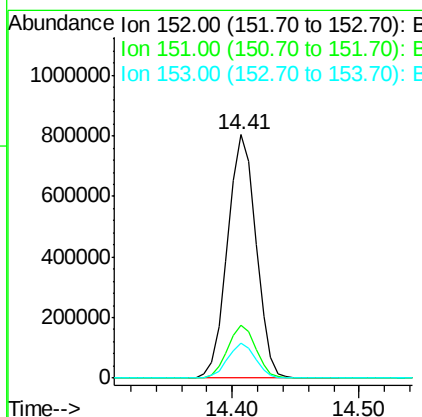
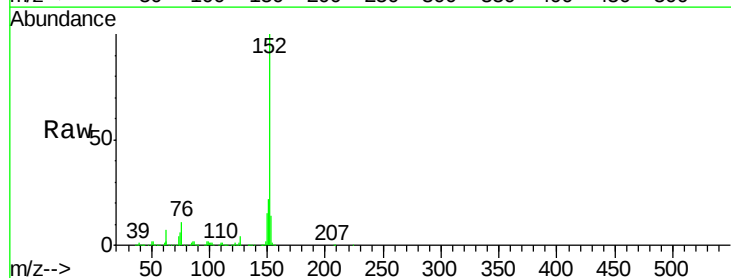
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

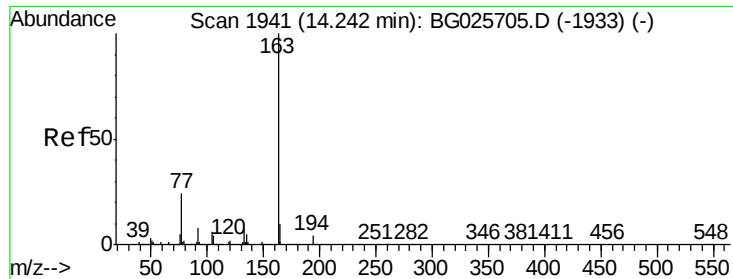
Tgt Ion: 65 Resp: 255913
Ion Ratio Lower Upper
65 100
92 68.2 49.0 73.4
138 115.0 58.6 87.8#



#48
Acenaphthylene
Concen: 45.65 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion: 152 Resp: 1247913
Ion Ratio Lower Upper
152 100
151 22.0 18.2 27.2
153 14.3 11.3 16.9





#49

Dimethylphthalate

Concen: 50.35 ng

RT: 14.13 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

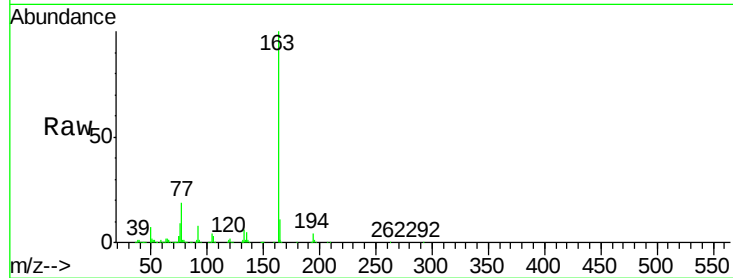
Tgt Ion:163 Resp: 1012329

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

164 10.7 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

14.13

800000

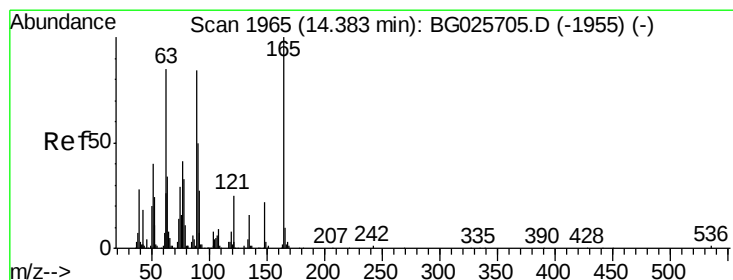
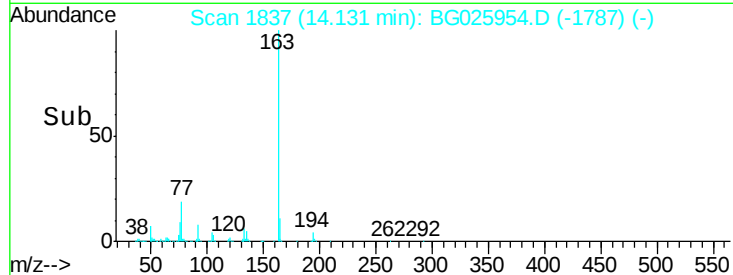
600000

400000

200000

0

Time-->



#50

2,6-Dinitrotoluene

Concen: 53.08 ng

RT: 14.25 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

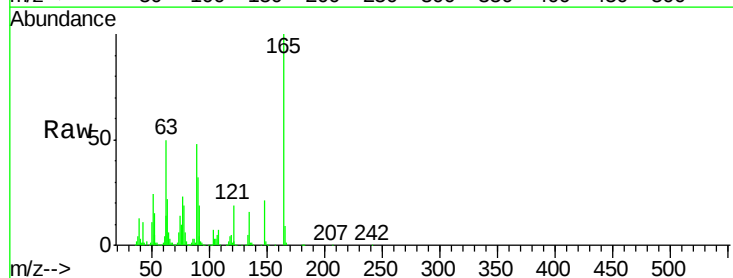
Tgt Ion:165 Resp: 239723

Ion Ratio Lower Upper

165 100

63 50.0 63.9 95.9#

89 48.4 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

14.25

200000

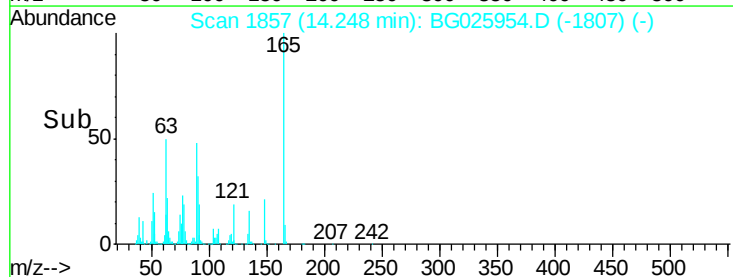
150000

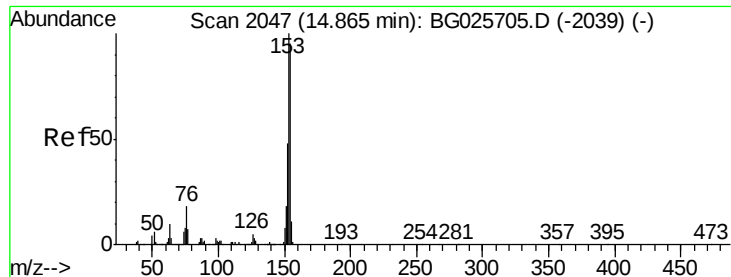
100000

50000

0

Time-->





#51

Acenaphthene

Concen: 46.21 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

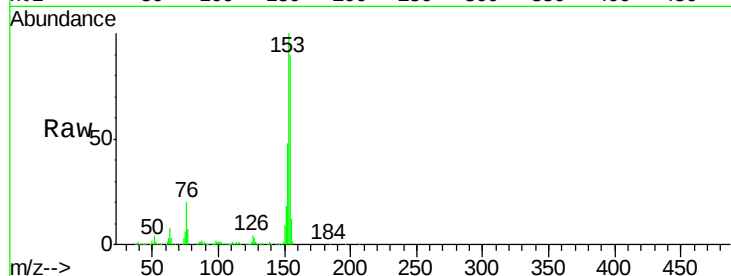
Tgt Ion:154 Resp: 834268

Ion Ratio Lower Upper

154 100

153 111.4 87.8 131.6

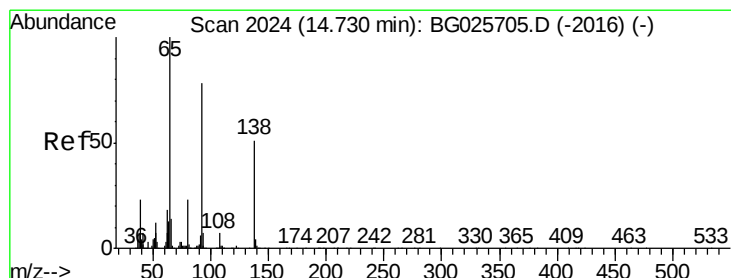
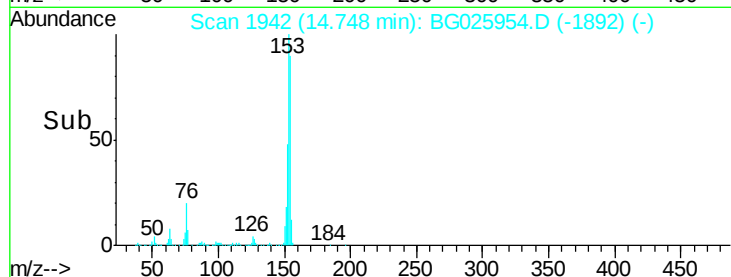
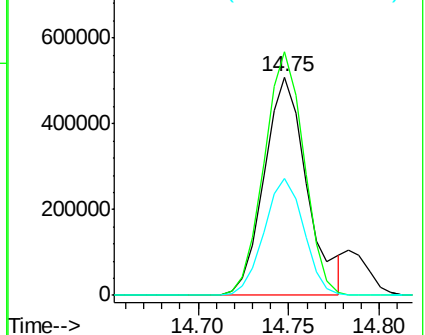
152 53.3 42.2 63.4



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: 23.72 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

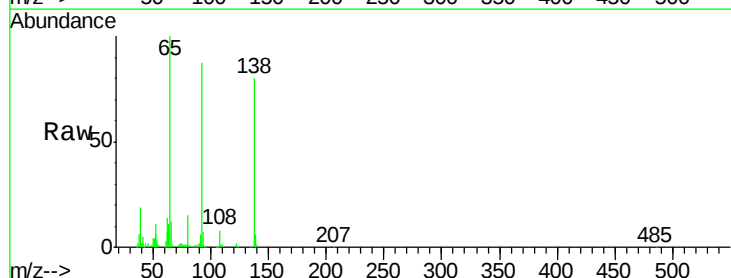
Tgt Ion:138 Resp: 119849

Ion Ratio Lower Upper

138 100

108 9.7 10.9 16.3#

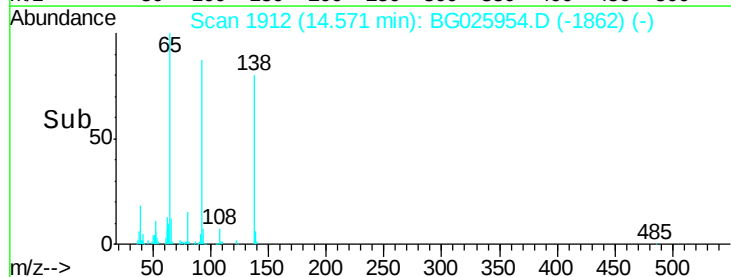
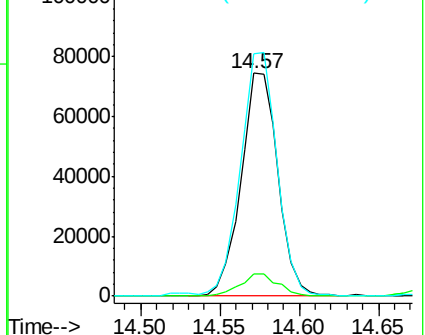
92 109.1 115.3 172.9#

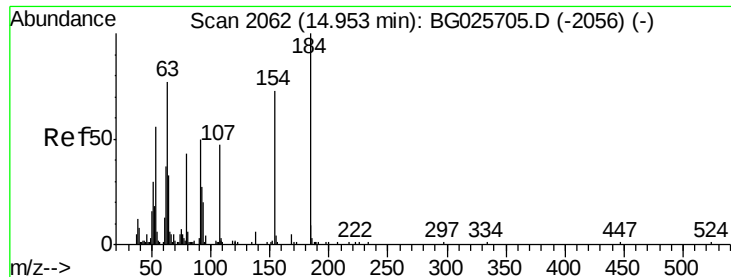


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

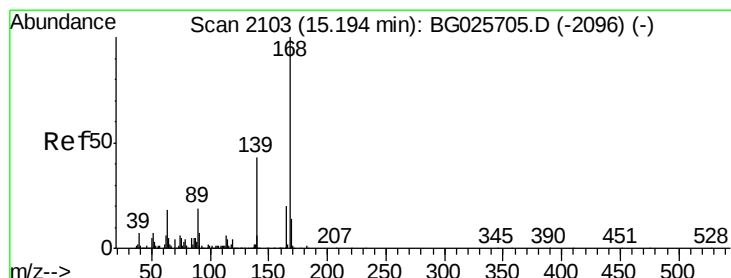
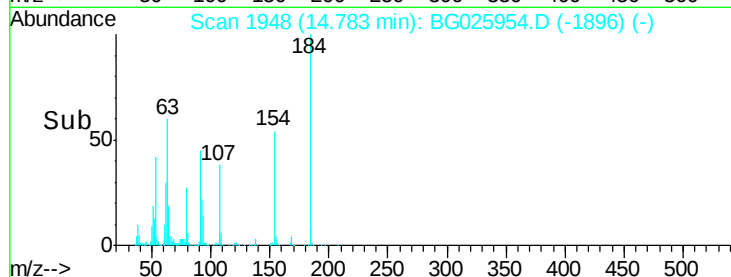
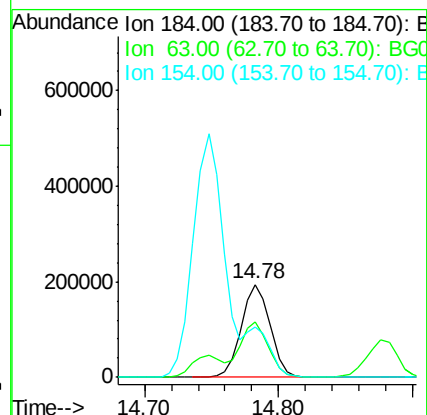
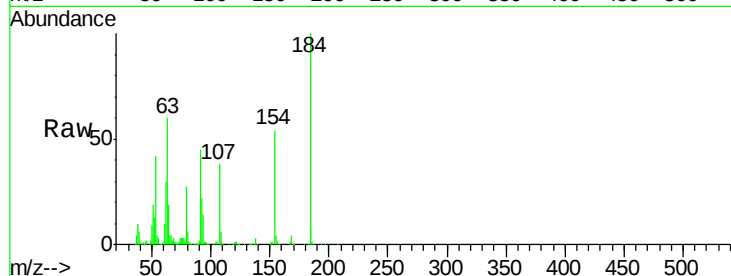




#53
2,4-Dinitrophenol
Concen: 124.01 ng
RT: 14.78 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

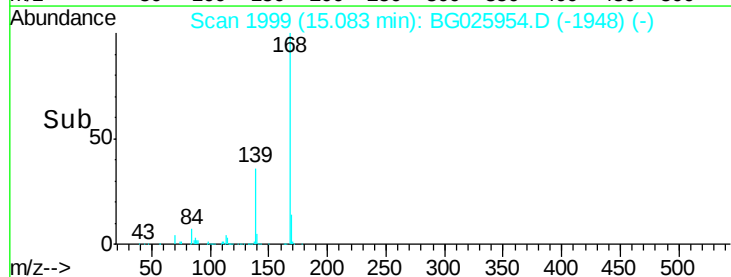
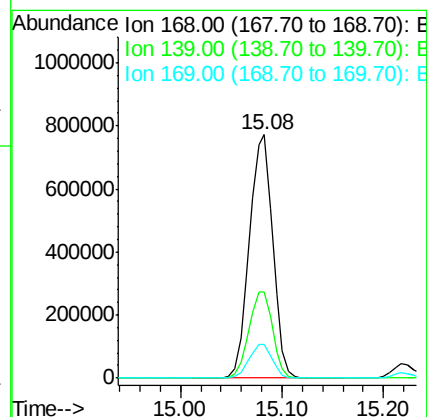
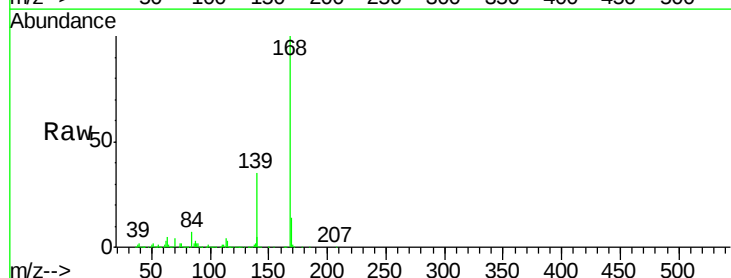
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

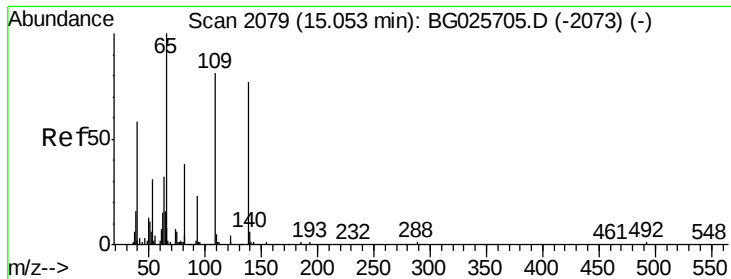
Tgt Ion:184 Resp: 293071
Ion Ratio Lower Upper
184 100
63 60.0 52.7 79.1
154 53.8 57.3 85.9#



#54
Dibenzofuran
Concen: 51.09 ng
RT: 15.08 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:168 Resp: 1229773
Ion Ratio Lower Upper
168 100
139 35.2 35.3 52.9#
169 13.8 11.5 17.3





#55

4-Nitrophenol

Concen: 113.90 ng

RT: 14.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

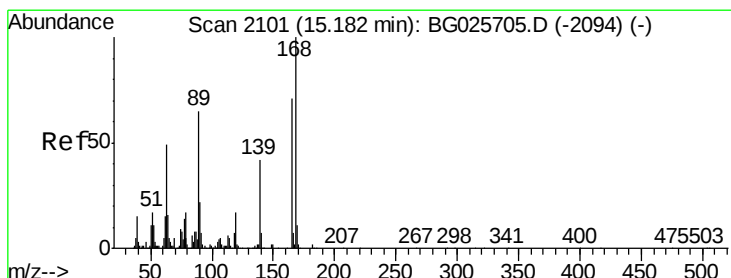
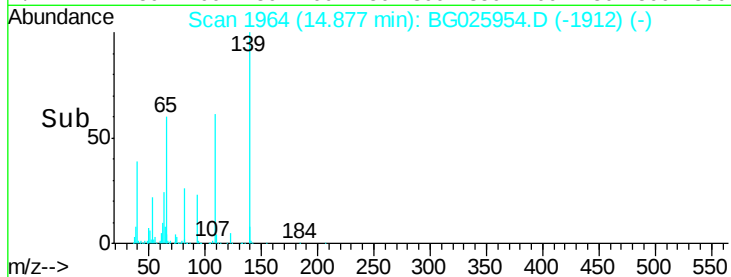
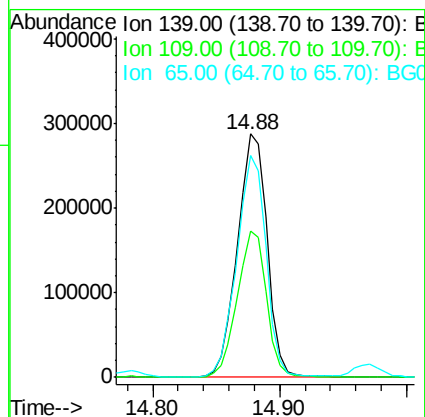
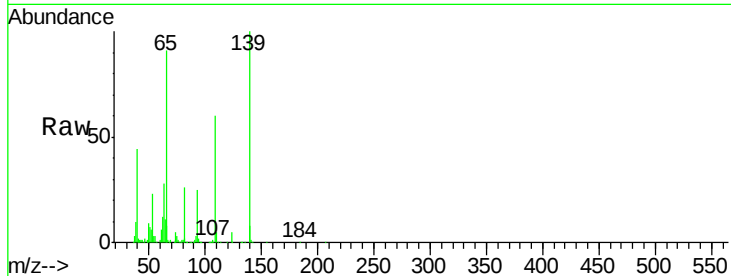
Tgt Ion:139 Resp: 468291

Ion Ratio Lower Upper

139 100

109 60.1 101.2 141.2#

65 90.9 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 57.00 ng

RT: 15.04 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:165 Resp: 346341

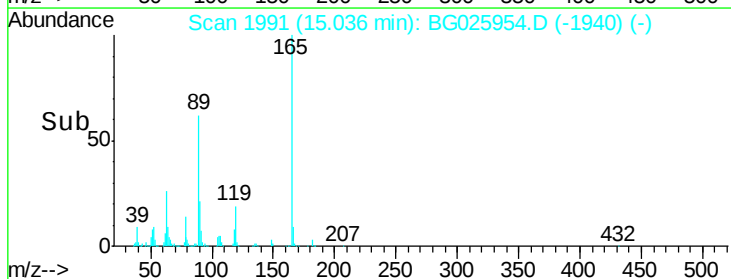
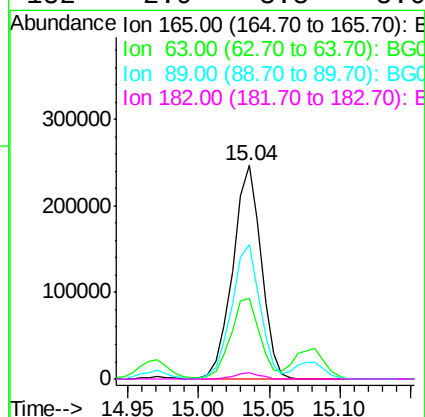
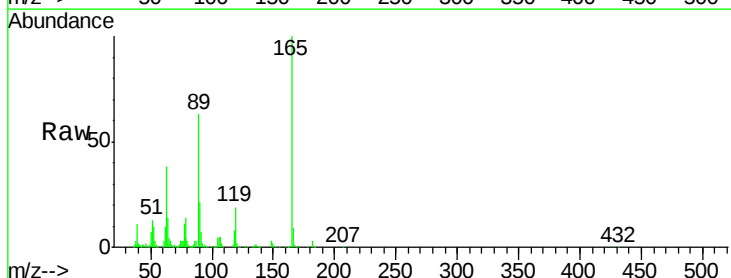
Ion Ratio Lower Upper

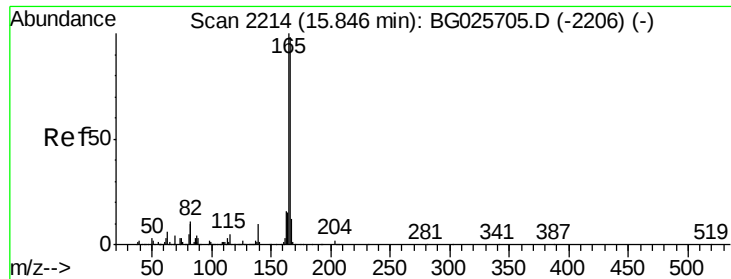
165 100

63 38.0 44.0 66.0#

89 62.7 67.3 100.9#

182 2.9 3.8 5.6#





#57

Fluorene

Concen: 48.20 ng

RT: 15.72 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

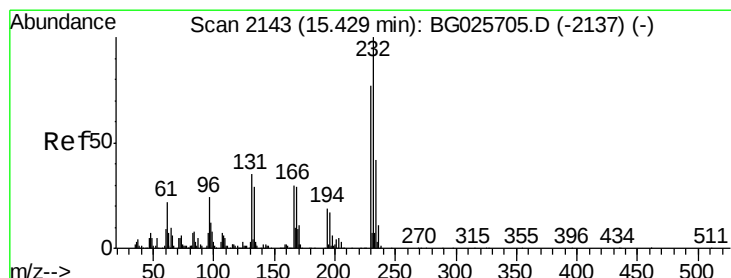
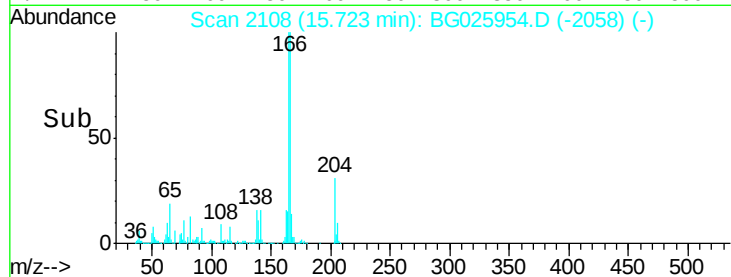
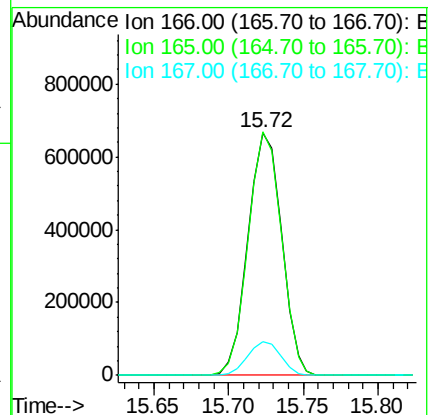
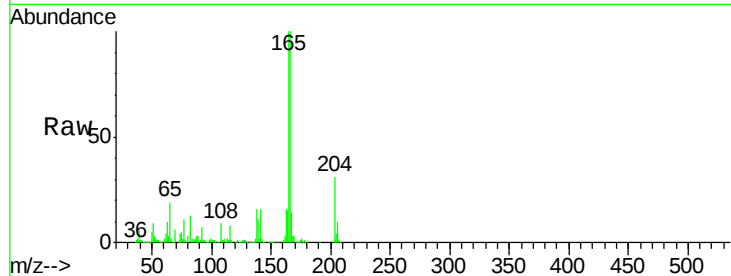
Tgt Ion:166 Resp: 1036749

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

167 14.0 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.11 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:232 Resp: 290334

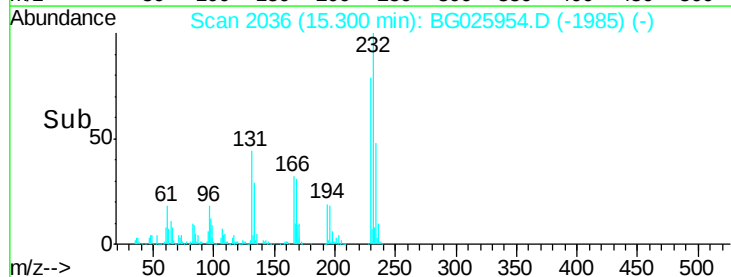
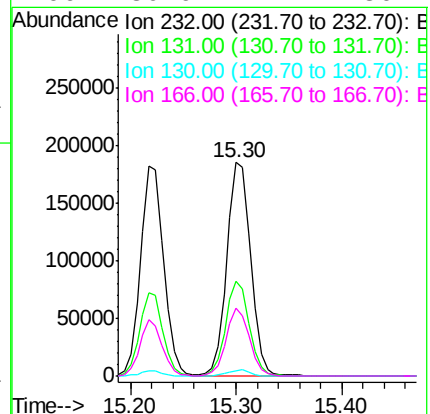
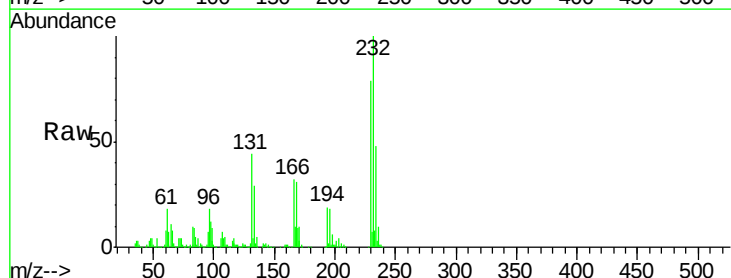
Ion Ratio Lower Upper

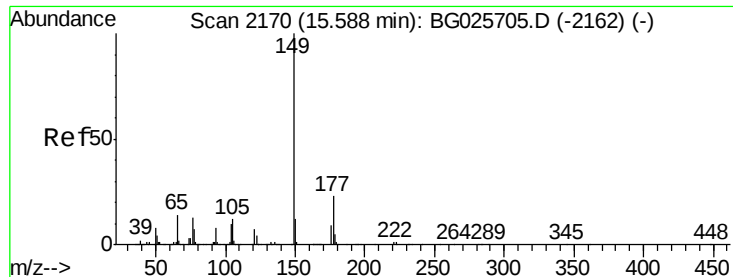
232 100

131 43.4 34.9 52.3

130 2.5 2.3 3.5

166 30.9 24.2 36.4

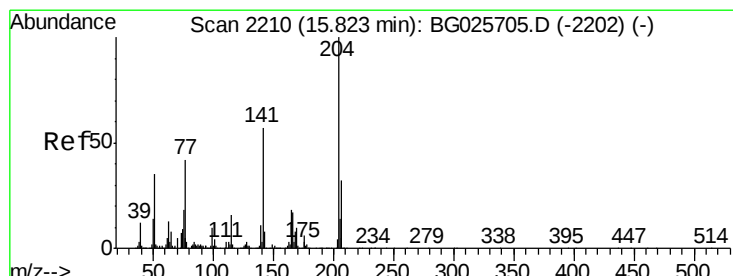
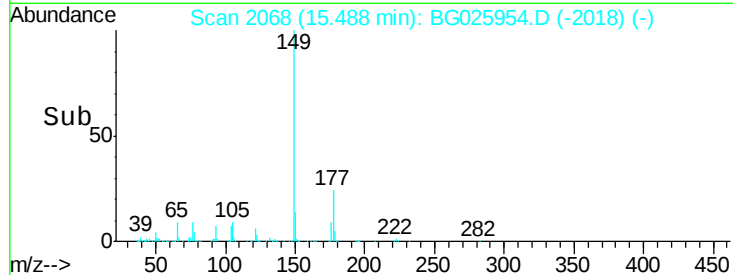
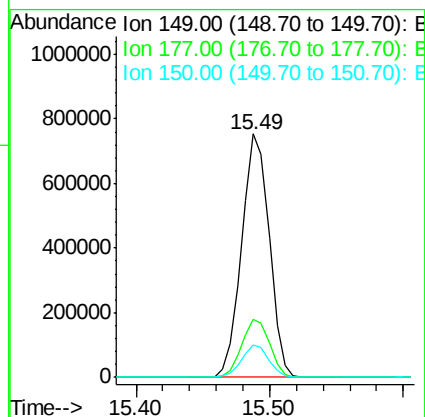
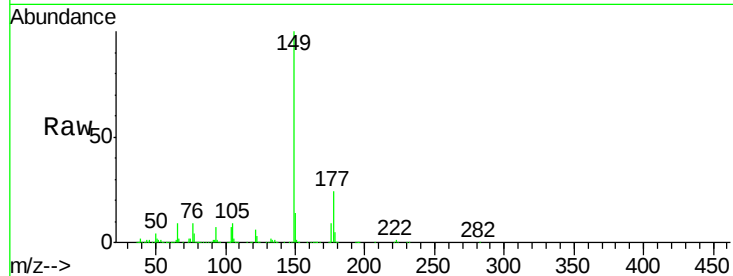




#59
 Diethylphthalate
 Concen: 51.57 ng
 RT: 15.49 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

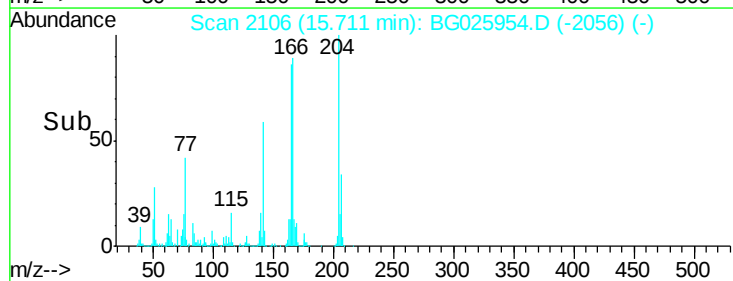
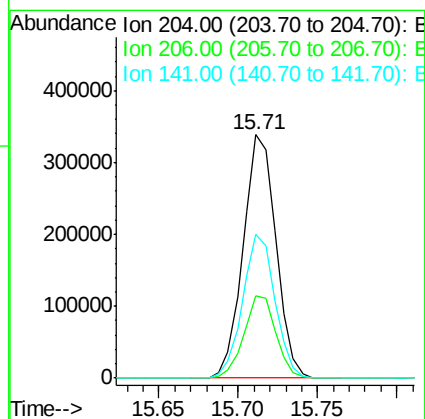
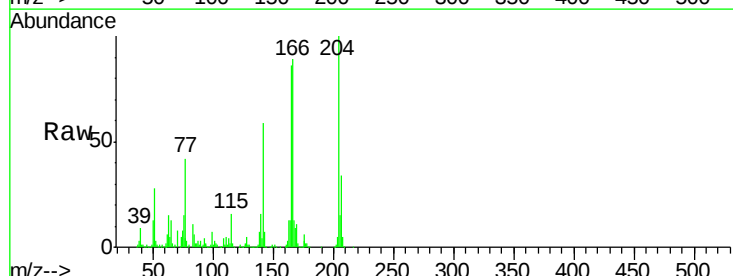
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

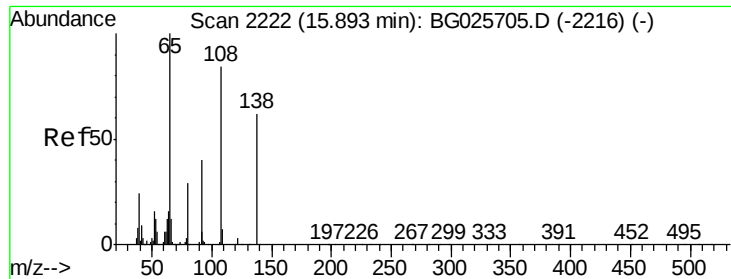
Tgt Ion:149 Resp: 1072488
 Ion Ratio Lower Upper
 149 100
 177 23.8 20.1 30.1
 150 13.5 10.2 15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 48.70 ng
 RT: 15.71 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion:204 Resp: 485351
 Ion Ratio Lower Upper
 204 100
 206 33.9 30.1 45.1
 141 59.0 50.6 76.0

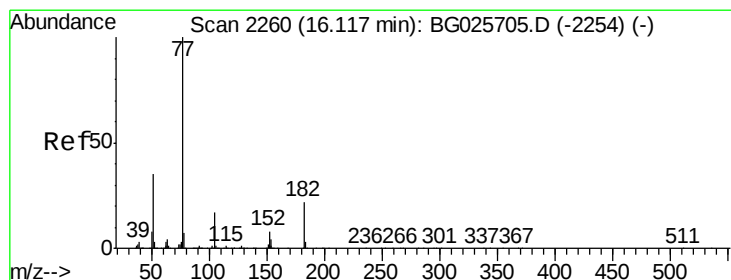
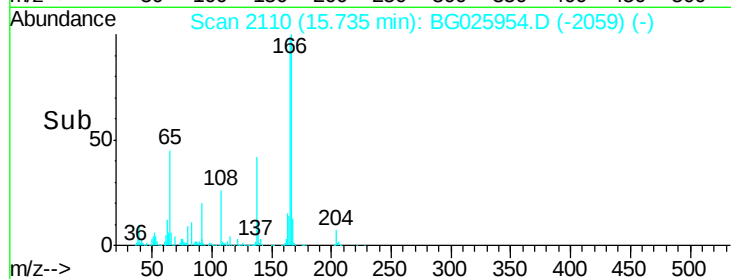
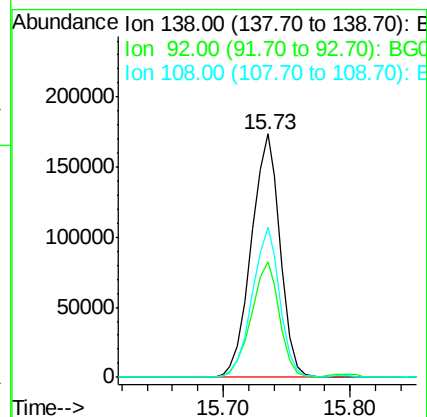
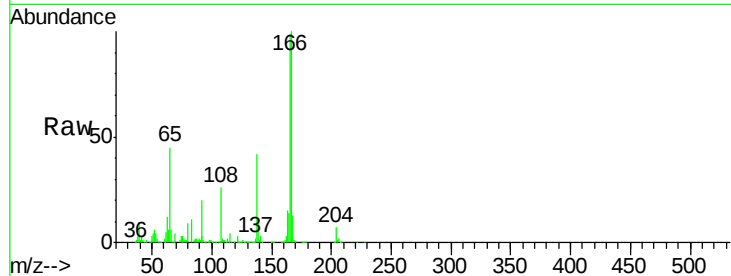




#61
4-Nitroaniline
Concen: 52.34 ng
RT: 15.73 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

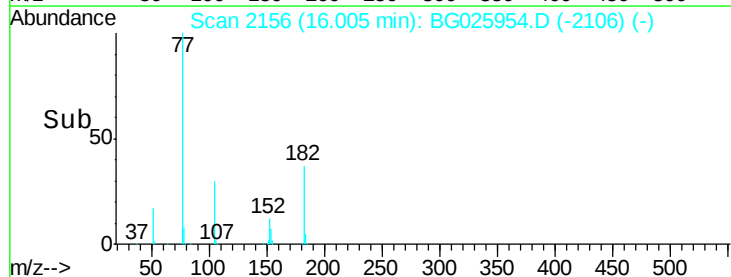
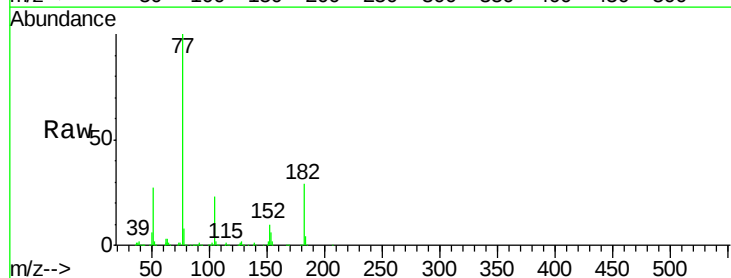
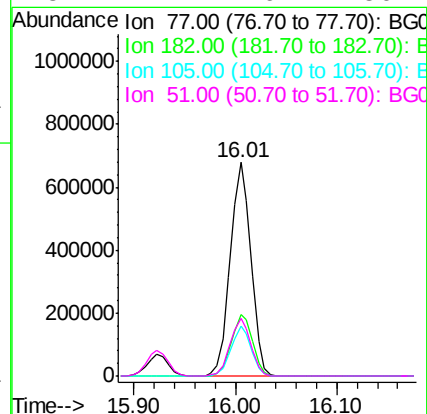
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

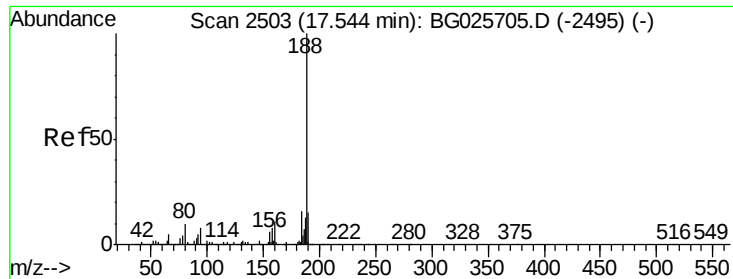
Tgt Ion: 138 Resp: 274112
Ion Ratio Lower Upper
138 100
92 47.6 44.2 84.2
108 61.9 104.8 144.8#



#62
Azobenzene
Concen: 53.55 ng
RT: 16.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion: 77 Resp: 957294
Ion Ratio Lower Upper
77 100
182 28.9 4.7 44.7
105 23.4 0.0 36.3
51 27.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

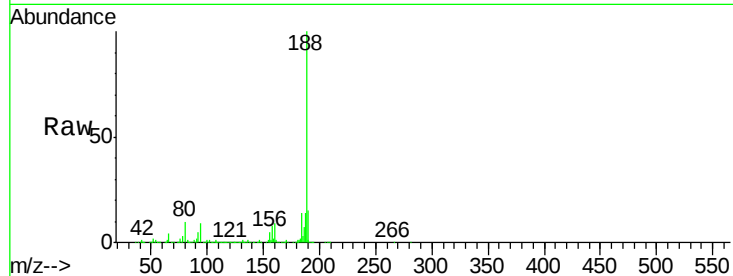
Tgt Ion:188 Resp: 757715

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.8#

80 10.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

600000

500000

400000

300000

200000

100000

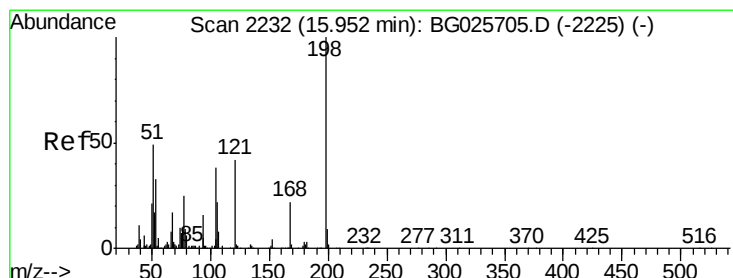
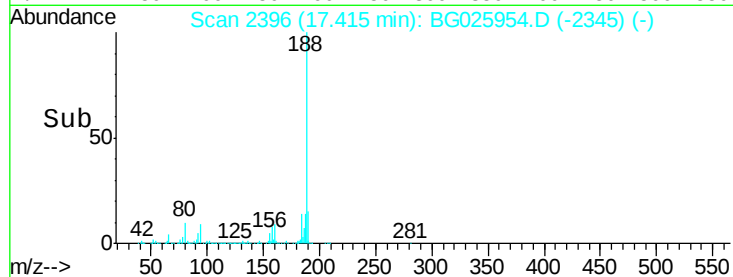
0

17.42

17.40

17.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.35 ng

RT: 15.79 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

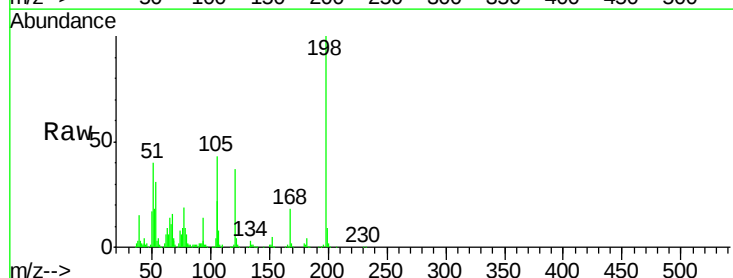
Tgt Ion:198 Resp: 205543

Ion Ratio Lower Upper

198 100

51 39.8 22.6 62.6

105 43.1 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

150000

100000

50000

0

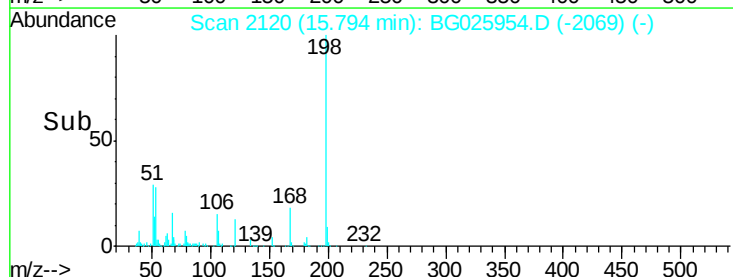
15.79

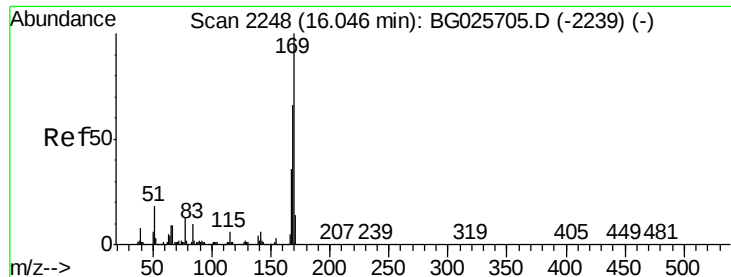
15.70

15.80

15.90

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.68 ng

RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

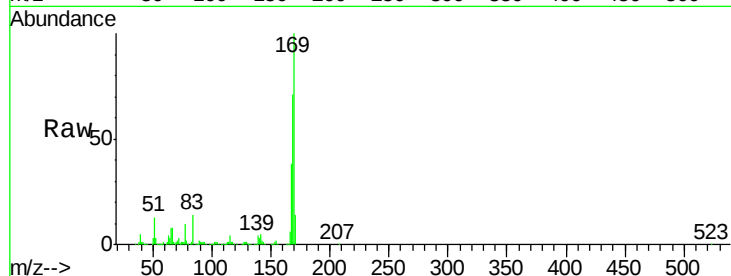
BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:169 Resp: 957837

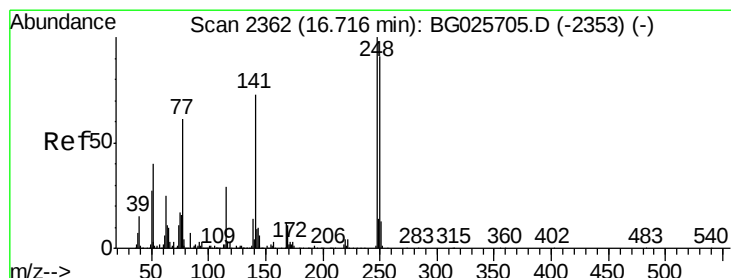
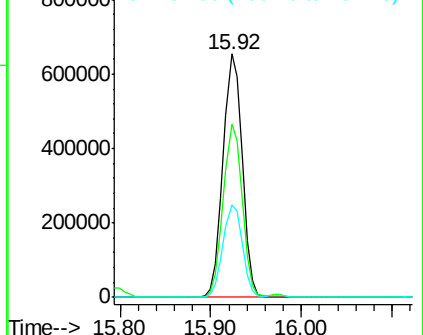
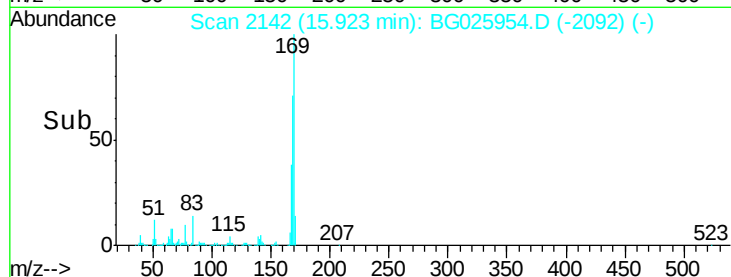
Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.7	83.5
167	38.2	29.8	44.6



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: 41.72 ng

RT: 16.60 min Scan# 2258

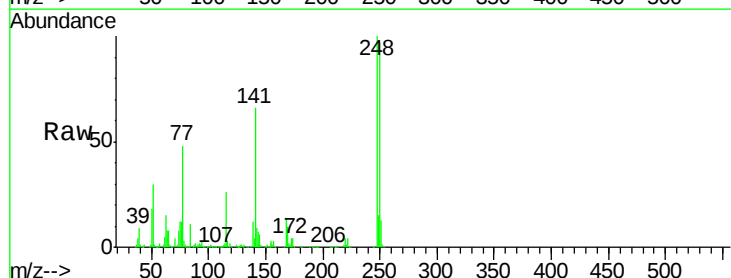
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:248 Resp: 331364

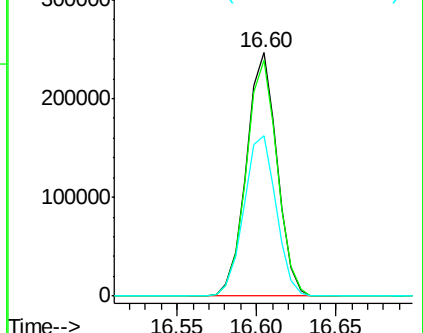
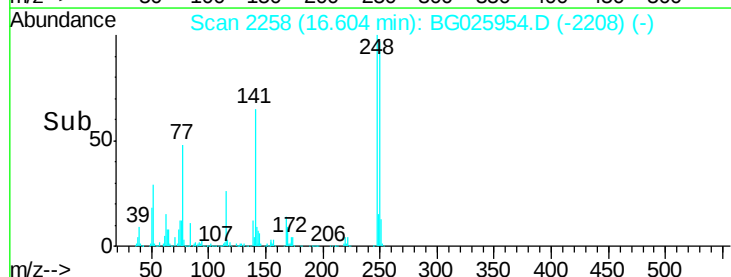
Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.0	112.6
141	65.6	55.2	82.8

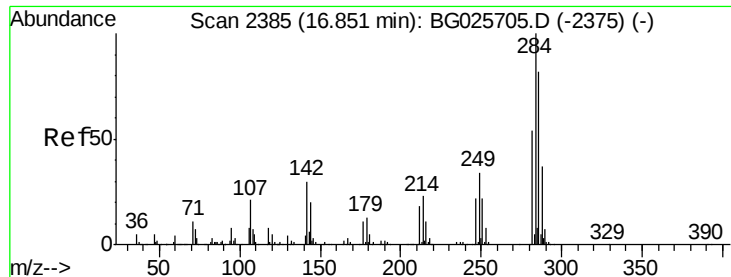


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

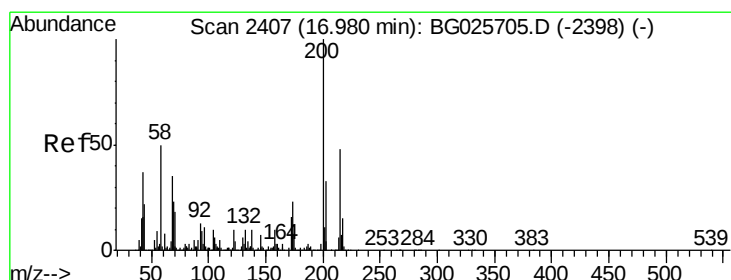
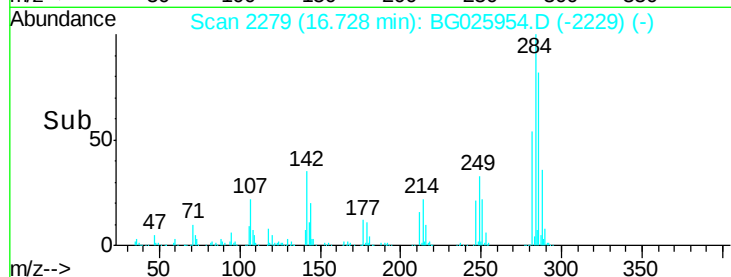
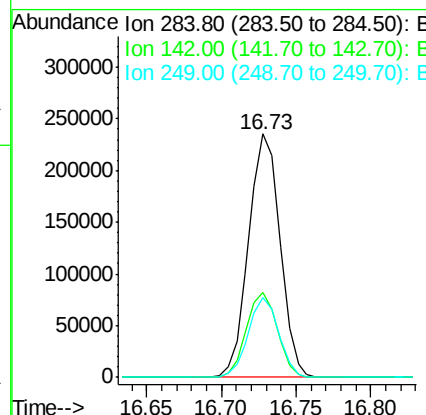
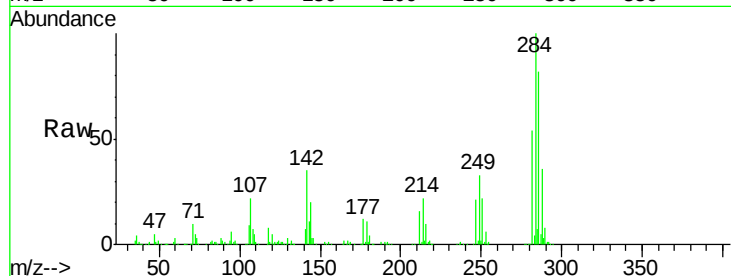




#67
Hexachlorobenzene
Concen: 41.87 ng
RT: 16.73 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

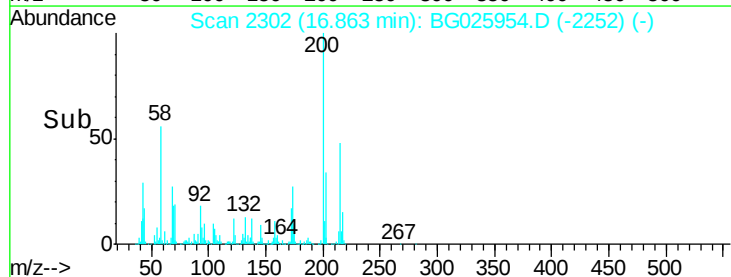
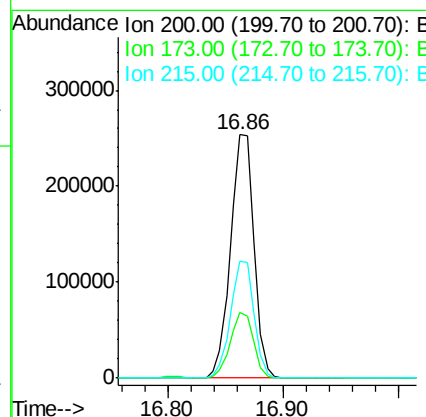
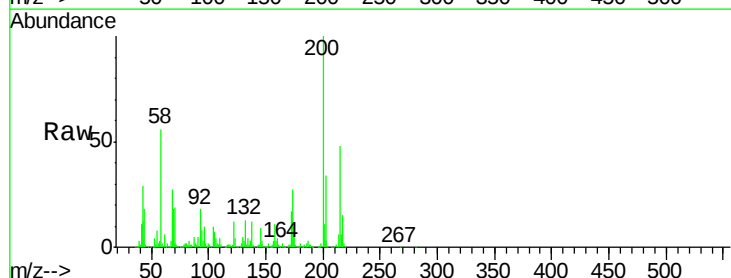
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

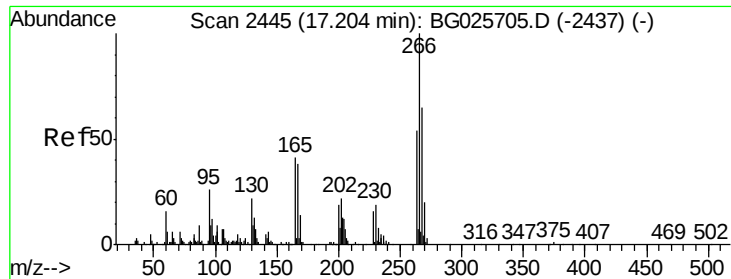
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.9	44.9
249	32.6	29.2	43.8



#68
Atrazine
Concen: 43.77 ng
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	3.0	43.0
215	48.0	28.4	68.4





#69

Pentachlorophenol

Concen: 90.30 ng

RT: 17.07 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

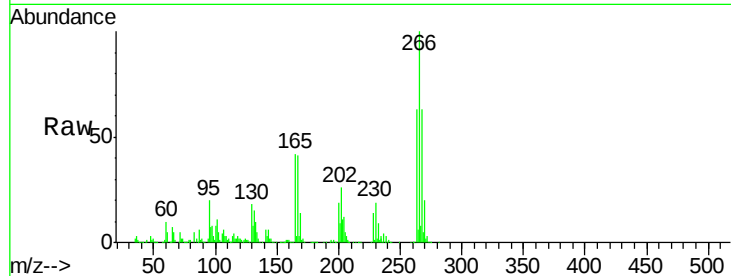
Tgt Ion:266 Resp: 455910

Ion Ratio Lower Upper

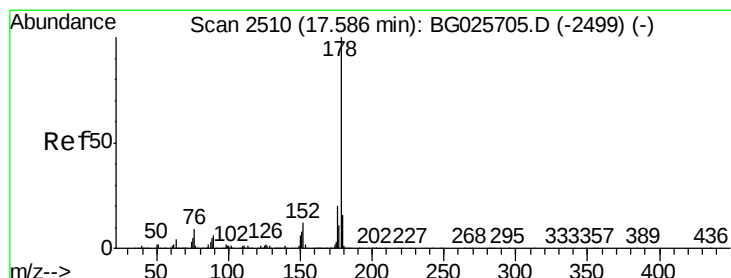
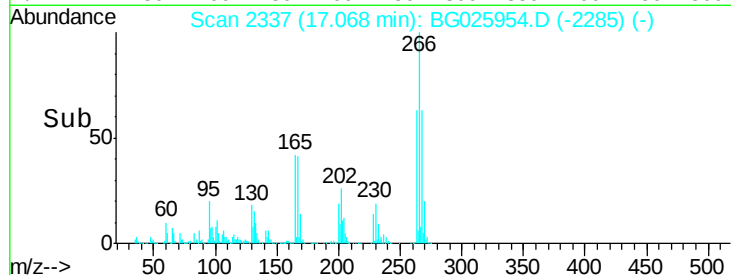
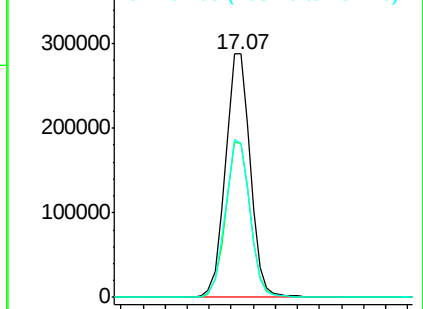
266 100

268 63.5 48.6 72.8

264 63.4 50.1 75.1



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



#70

Phenanthrene

Concen: 40.81 ng

RT: 17.46 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

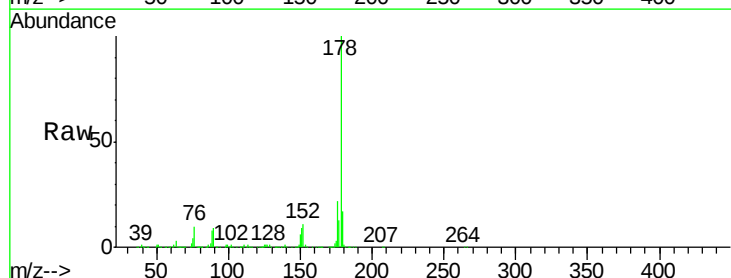
Tgt Ion:178 Resp: 1678640

Ion Ratio Lower Upper

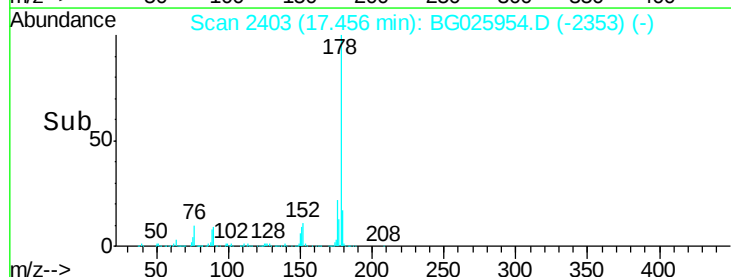
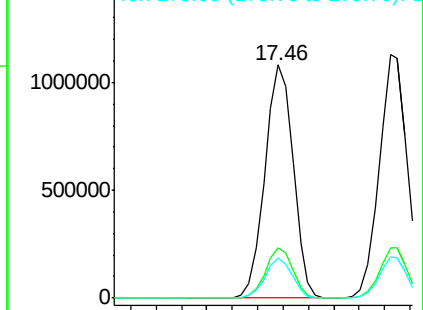
178 100

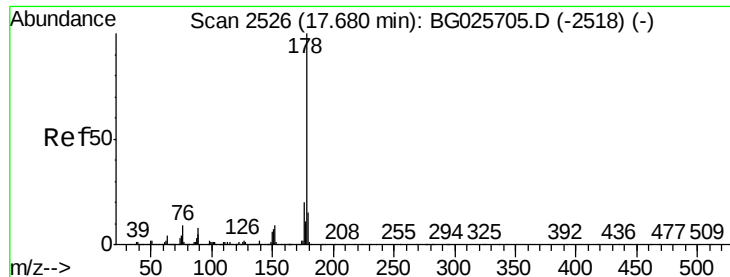
176 21.8 17.7 26.5

179 17.0 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.42 ng

RT: 17.54 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

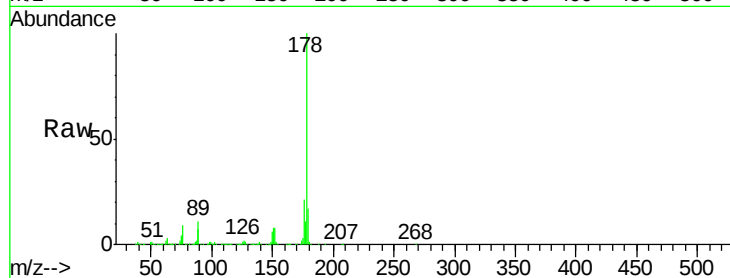
BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:178 Resp: 1736886

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.8	13.8	20.8

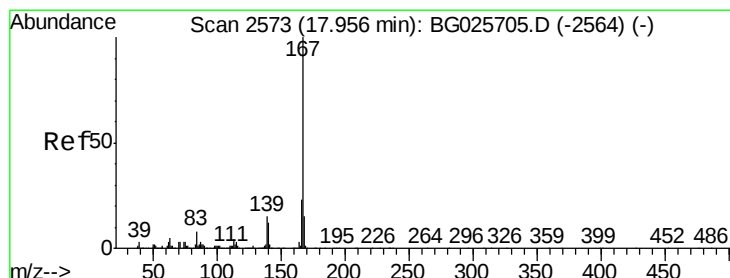
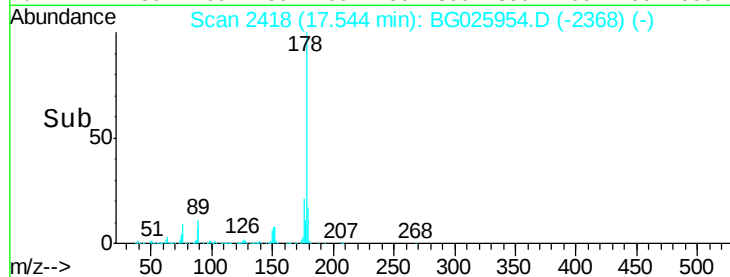
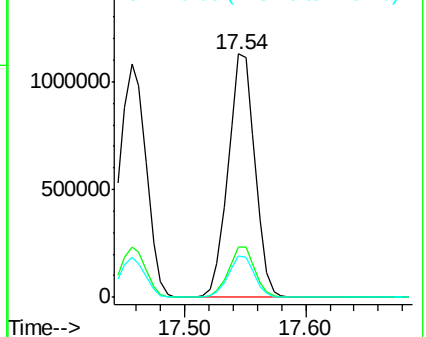


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.80 ng

RT: 17.81 min Scan# 2463

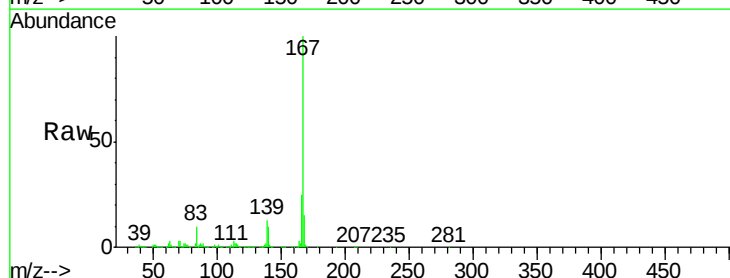
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:167 Resp: 1634461

Ion	Ratio	Lower	Upper
167	100		
166	24.9	20.2	30.2
139	13.2	12.8	19.2

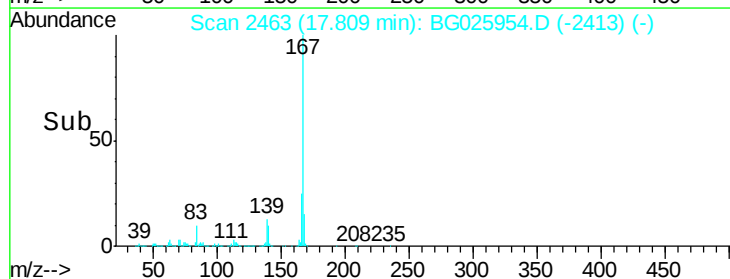
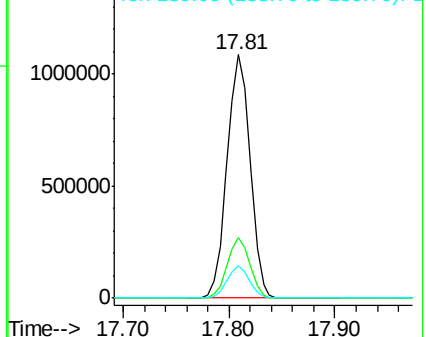


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.87 ng

RT: 18.37 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

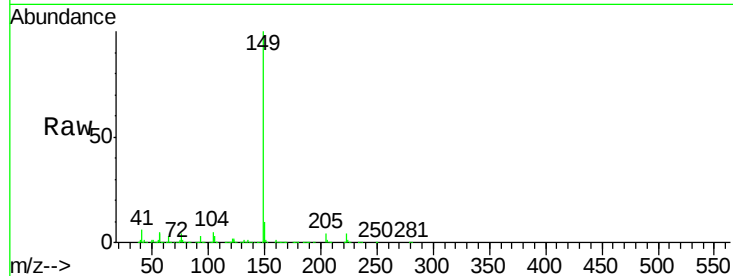
Tgt Ion:149 Resp: 1896910

Ion Ratio Lower Upper

149 100

150 10.1 9.1 13.7

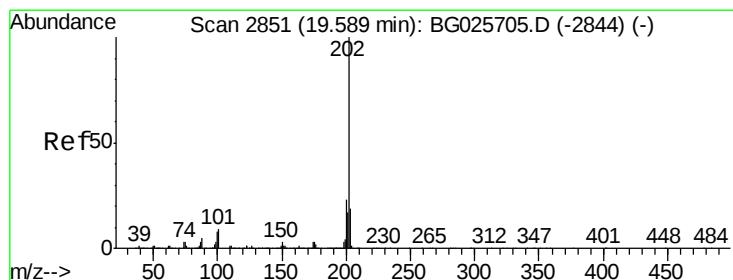
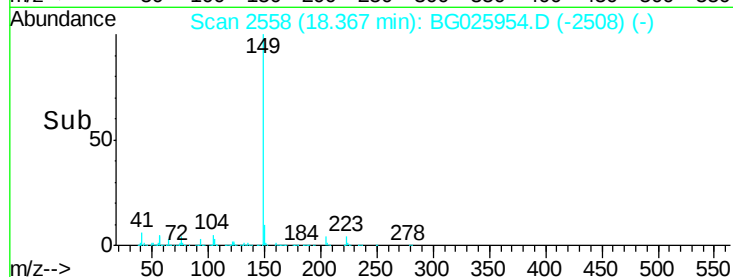
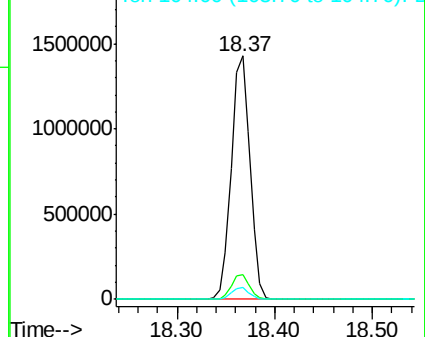
104 4.7 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.64 ng

RT: 19.45 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

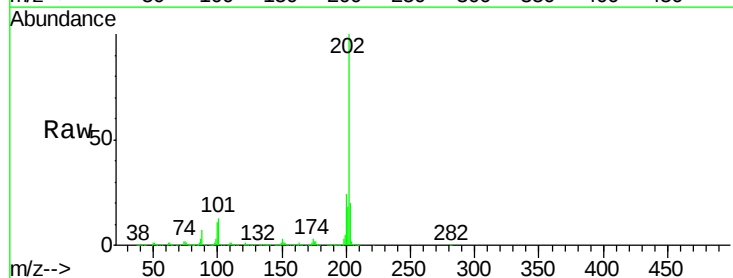
Tgt Ion:202 Resp: 1885648

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.1

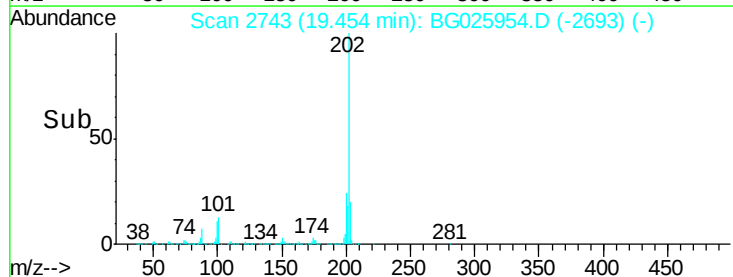
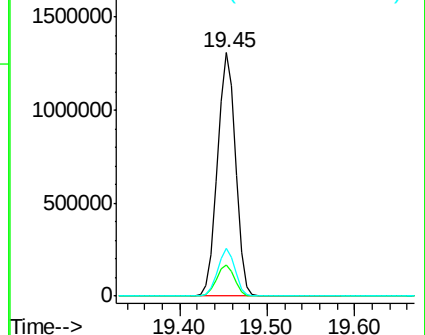
203 19.9 1.3 41.3

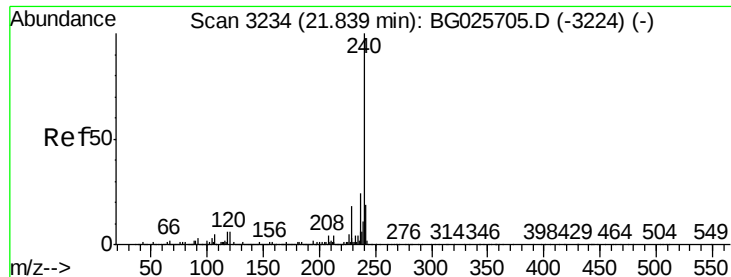


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

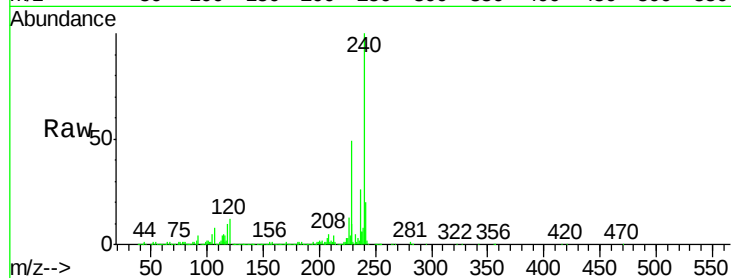
Tgt Ion:240 Resp: 773752

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

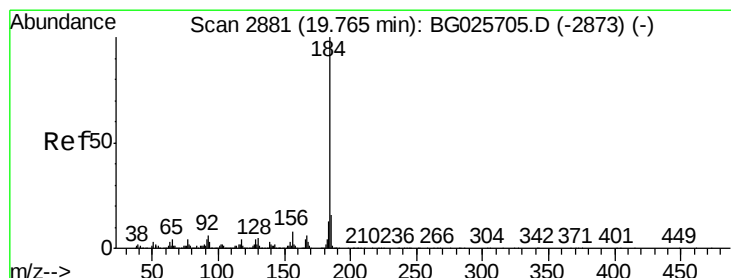
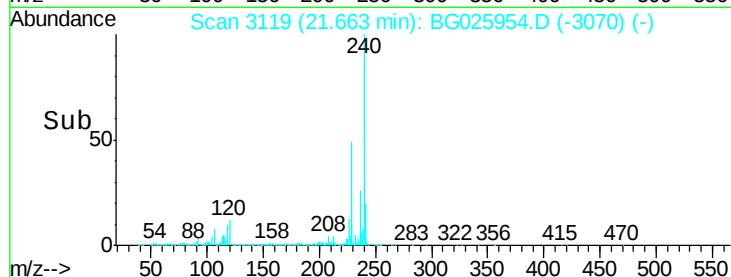
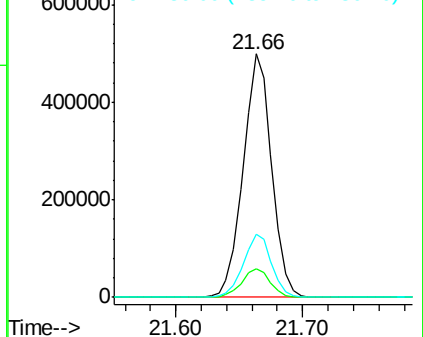
236 25.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.57 ng

RT: 19.62 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

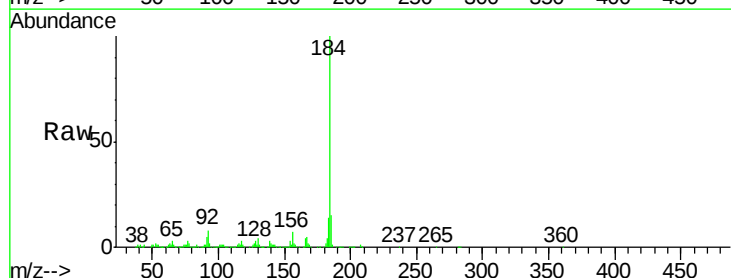
Tgt Ion:184 Resp: 478056

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

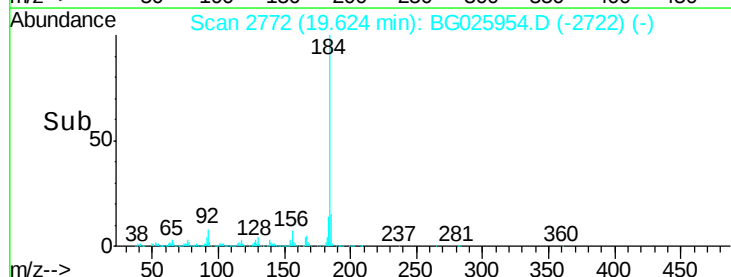
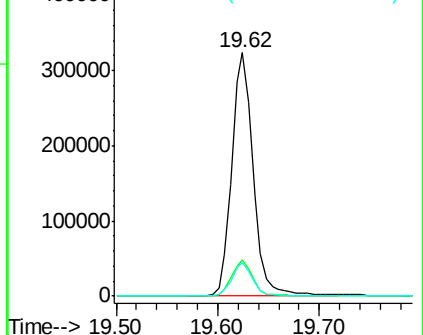
183 13.6 11.0 16.6

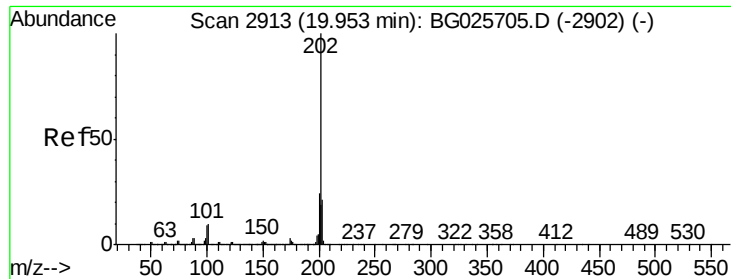


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

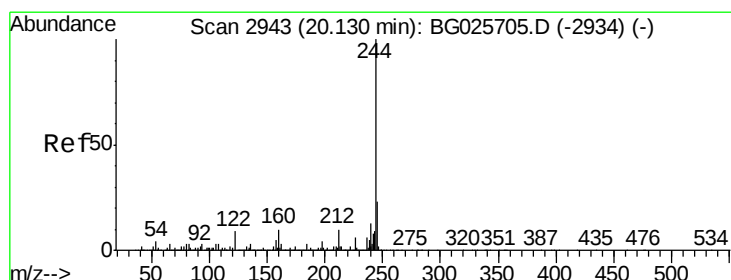
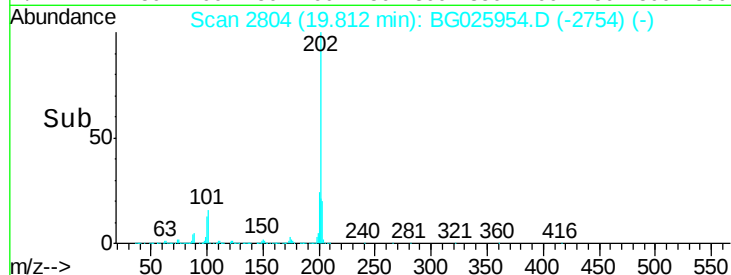
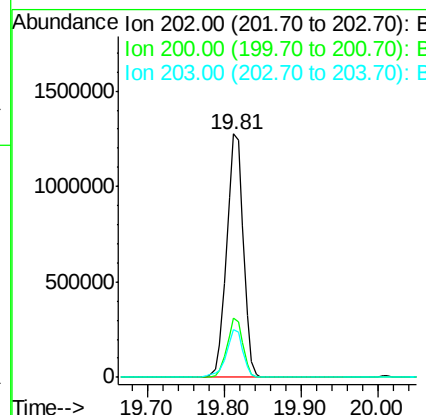
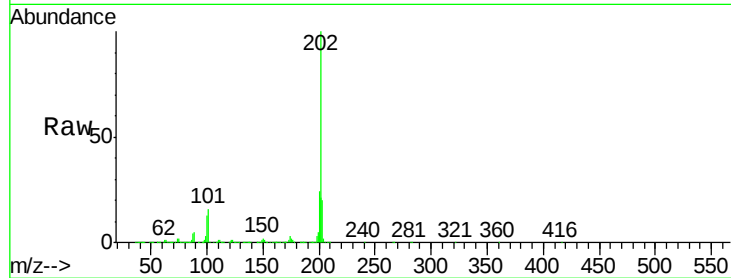




#77
 Pyrene
 Concen: 39.10 ng
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

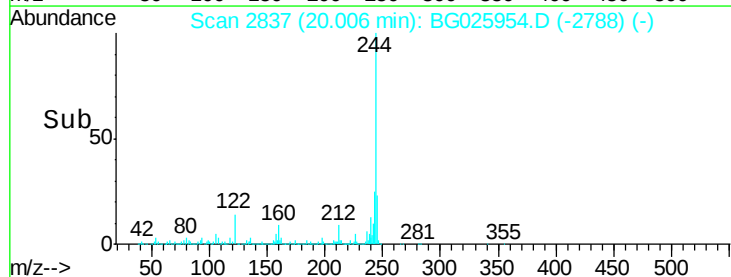
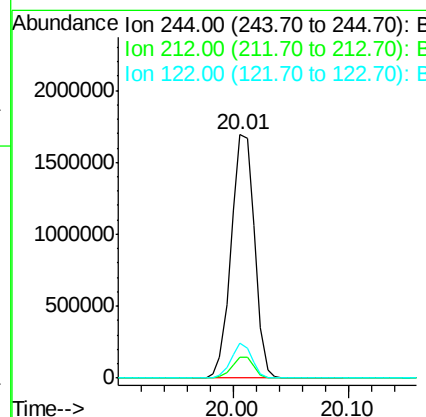
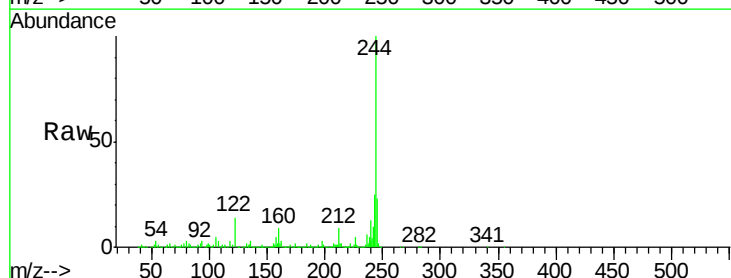
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

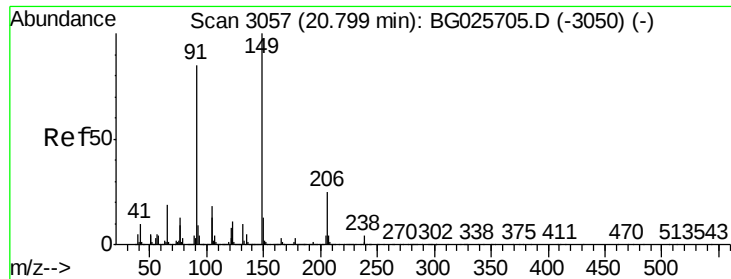
Tgt Ion:202 Resp: 1913147
 Ion Ratio Lower Upper
 202 100
 200 24.1 19.6 29.4
 203 19.7 15.8 23.8



#78
 Terphenyl-d14
 Concen: 74.54 ng
 RT: 20.01 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion:244 Resp: 2371289
 Ion Ratio Lower Upper
 244 100
 212 8.6 10.0 15.0#
 122 14.1 8.6 12.8#

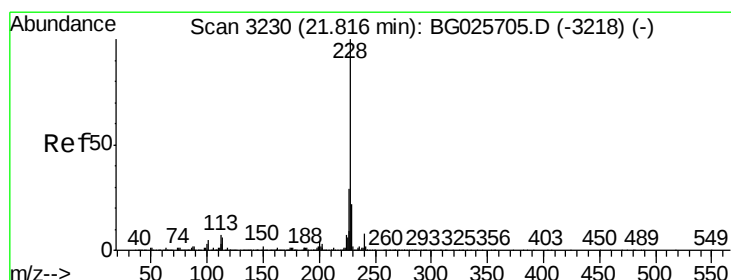
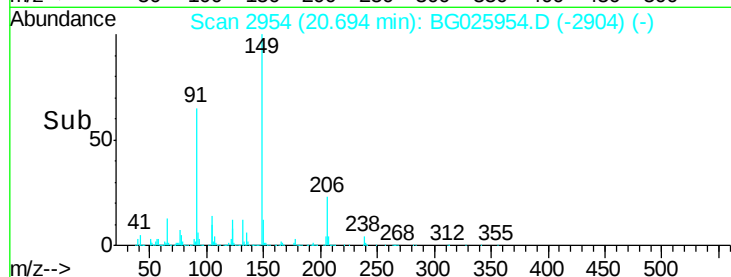
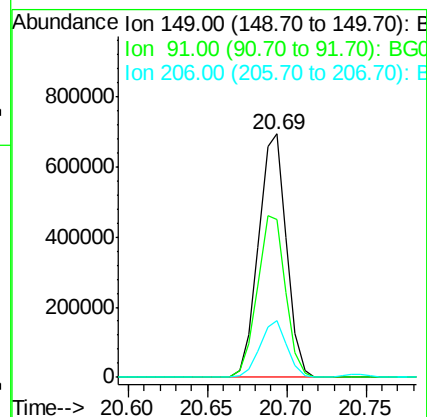
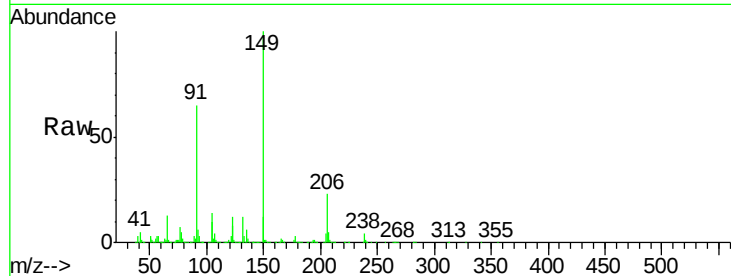




#79
Butylbenzylphthalate
Concen: 45.86 ng
RT: 20.69 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

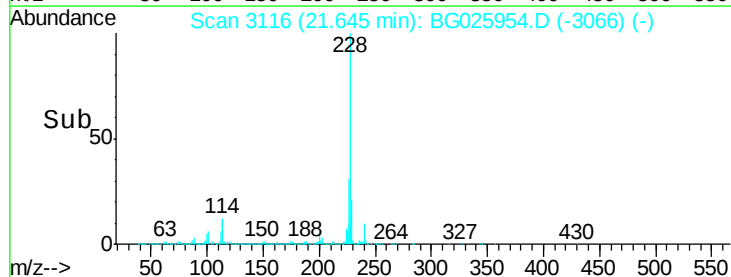
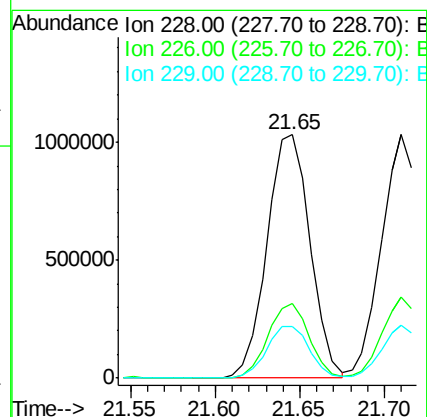
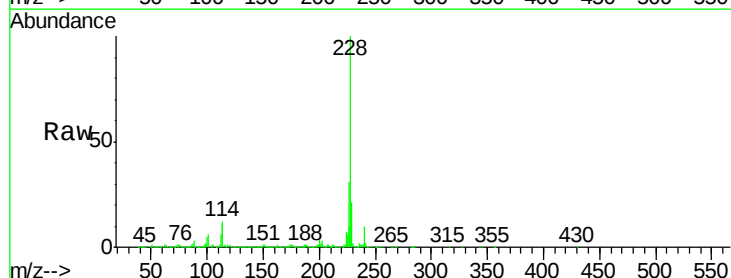
Instrument :
BNA_G
ClientSampleId :
PB97153BSD

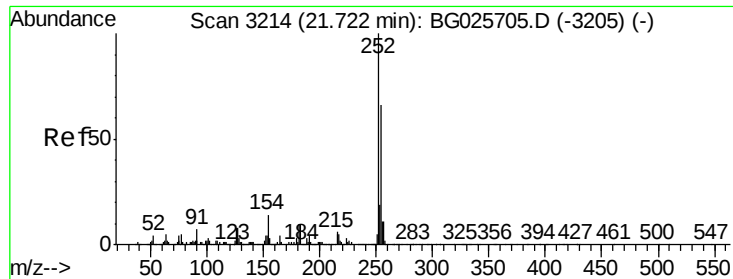
Tgt Ion:149 Resp: 851666
Ion Ratio Lower Upper
149 100
91 65.0 63.5 95.3
206 23.1 21.0 31.6



#80
Benzo(a)anthracene
Concen: 40.53 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:228 Resp: 1831050
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 21.5 18.2 27.2

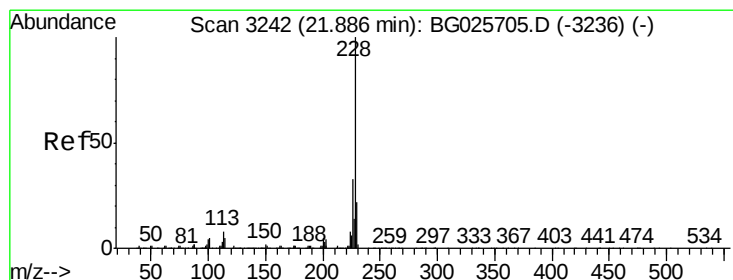
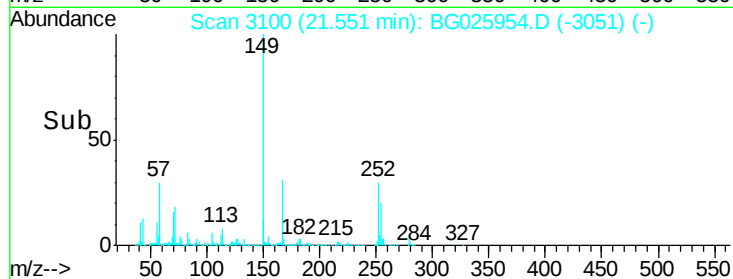
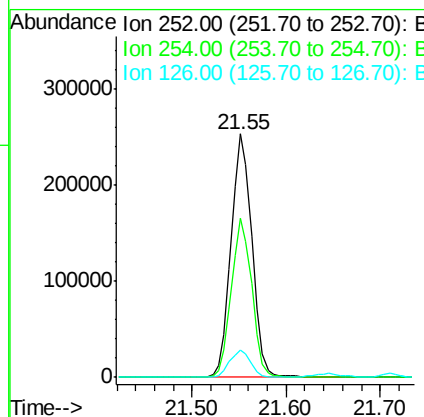
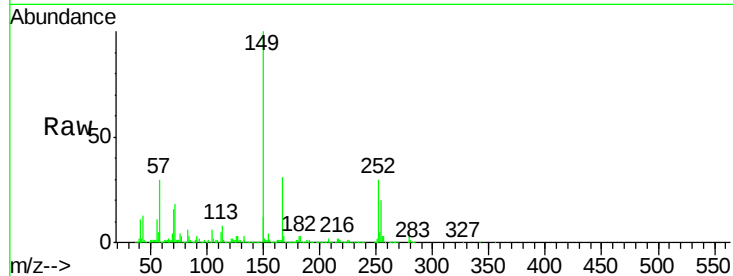




#81
 3,3'-Dichlorobenzidine
 Concen: 24.38 ng
 RT: 21.55 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

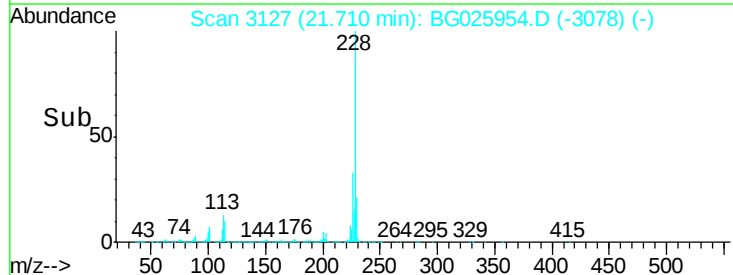
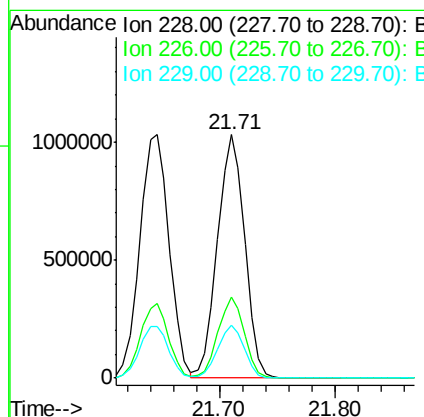
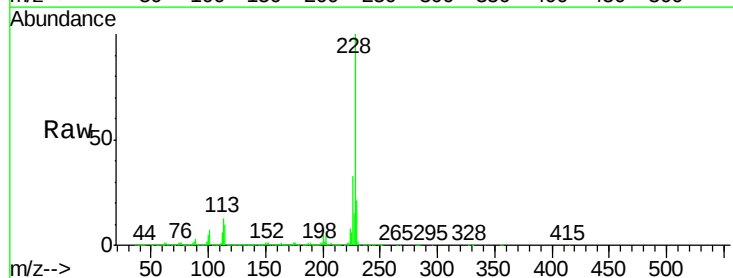
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

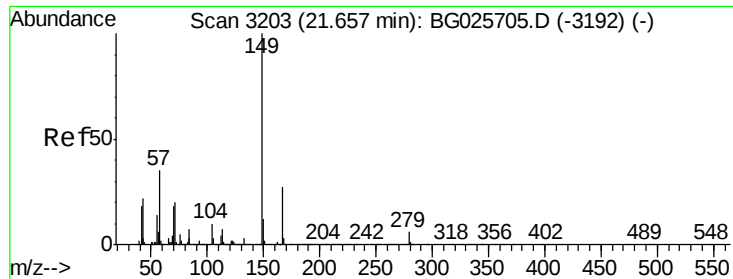
Tgt Ion: 252 Resp: 392671
 Ion Ratio Lower Upper
 252 100
 254 65.6 53.1 79.7
 126 11.4 7.0 10.4#



#82
 Chrysene
 Concen: 38.63 ng
 RT: 21.71 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion: 228 Resp: 1678292
 Ion Ratio Lower Upper
 228 100
 226 33.3 27.0 40.4
 229 21.5 17.8 26.6

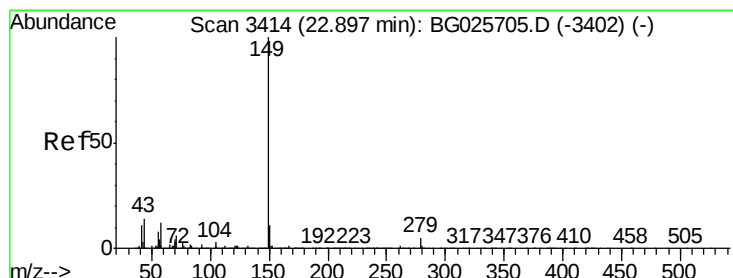
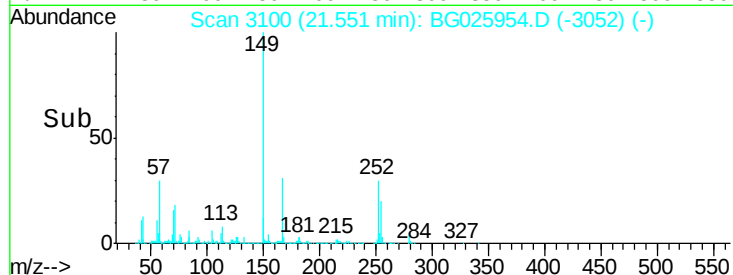
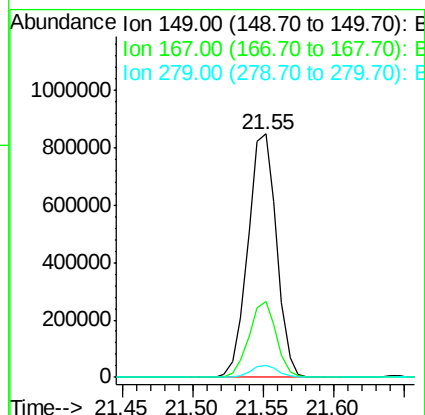
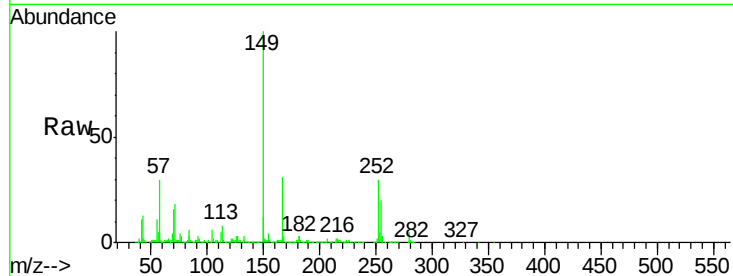




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.88 ng
 RT: 21.55 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

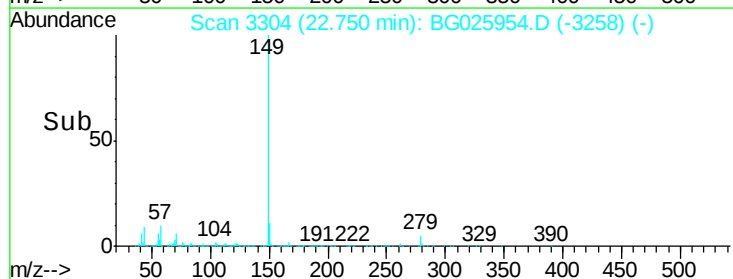
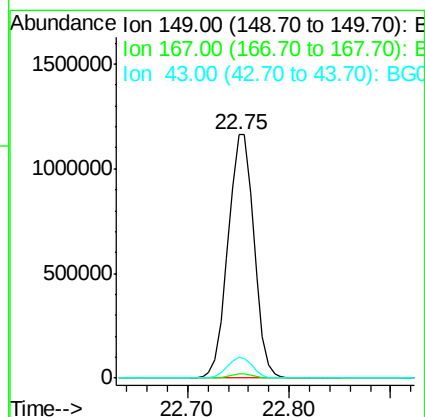
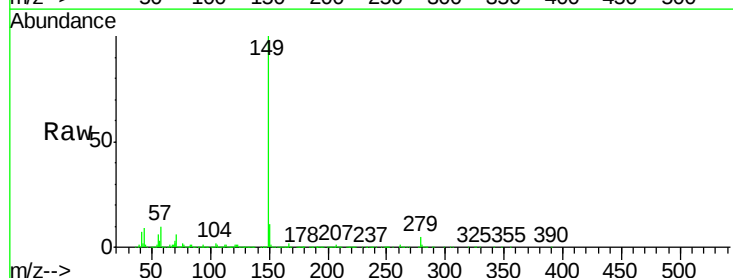
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

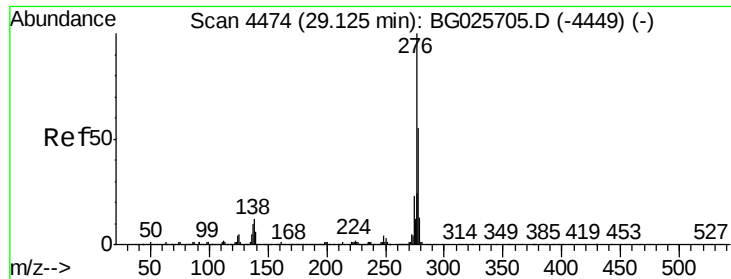
Tgt Ion:149 Resp: 1203461
 Ion Ratio Lower Upper
 149 100
 167 31.1 23.7 35.5
 279 4.8 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 46.63 ng
 RT: 22.75 min Scan# 3304
 Delta R.T. -0.03 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion:149 Resp: 2065072
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 8.3 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.97 ng

RT: 28.53 min Scan# 4288

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

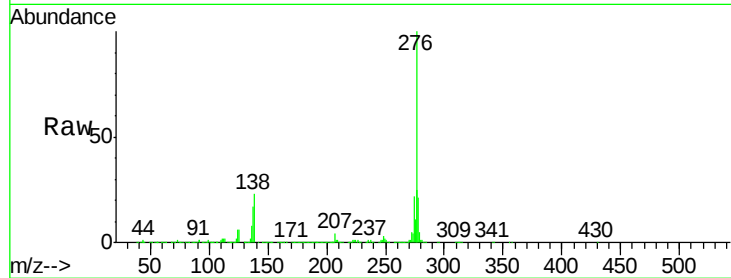
Tgt Ion:276 Resp: 2198774

Ion Ratio Lower Upper

276 100

138 27.7 4.7 7.1#

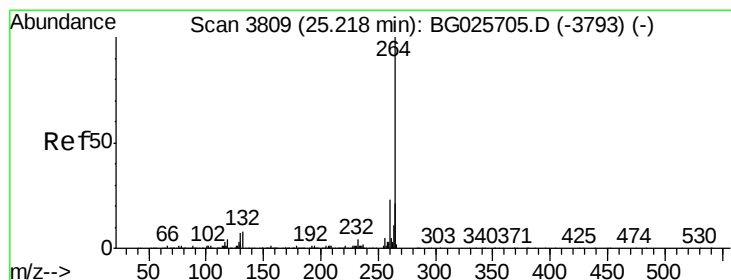
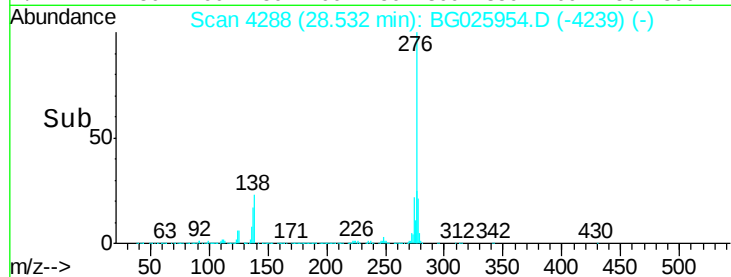
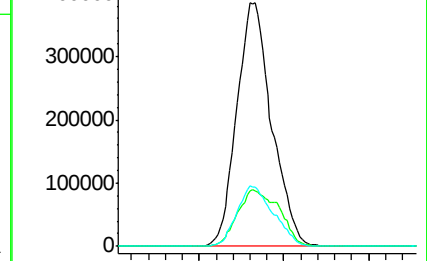
277 26.0 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

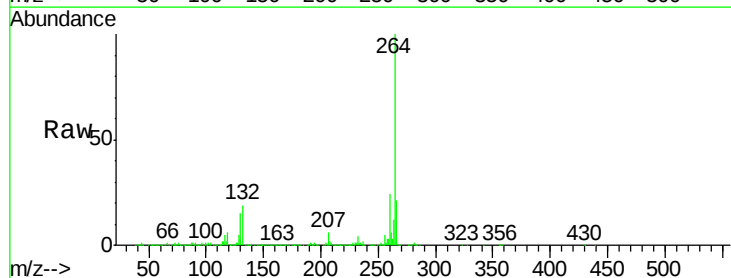
Tgt Ion:264 Resp: 756468

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

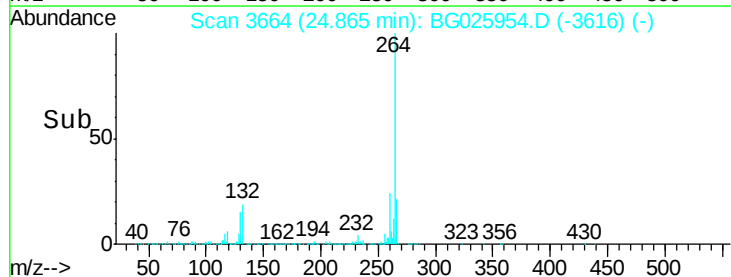
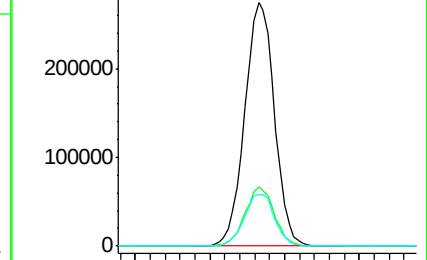
265 21.2 18.2 27.4

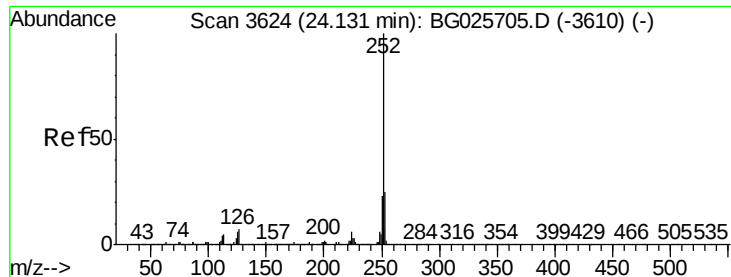


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.15 ng

RT: 23.85 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

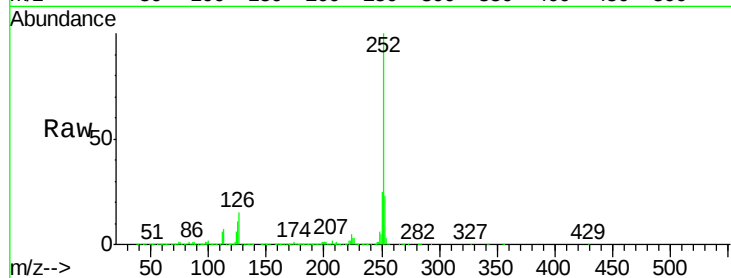
Tgt Ion:252 Resp: 1864496

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

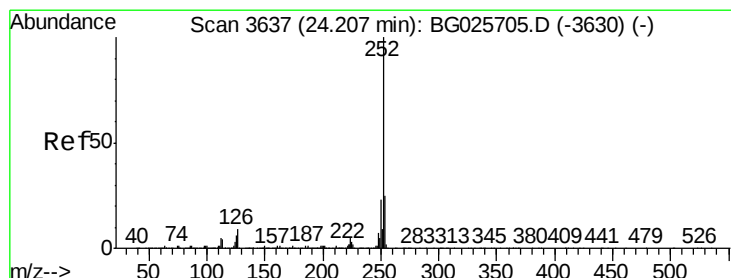
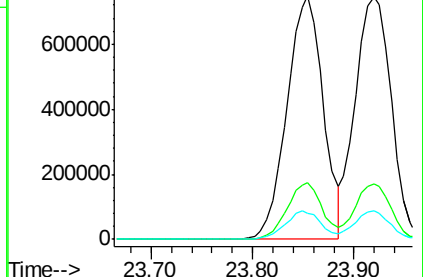
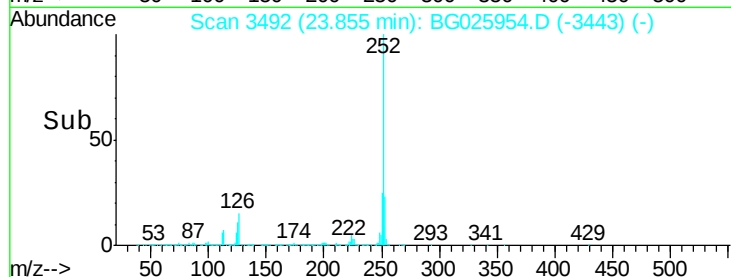
125 10.9 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.44 ng

RT: 23.92 min Scan# 3503

Delta R.T. -0.02 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

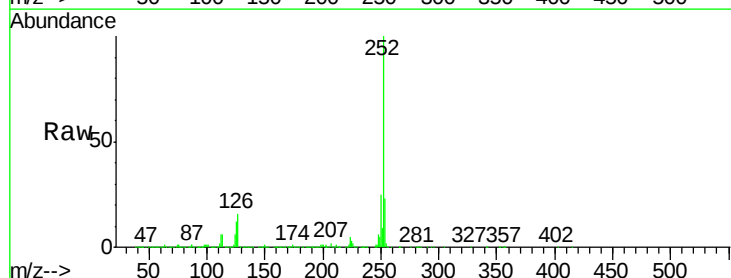
Tgt Ion:252 Resp: 1832012

Ion Ratio Lower Upper

252 100

253 22.9 20.2 30.2

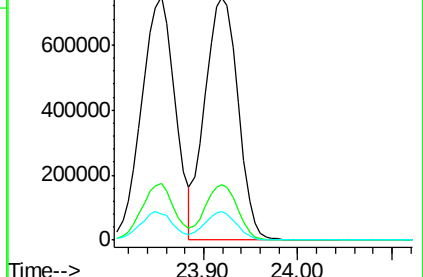
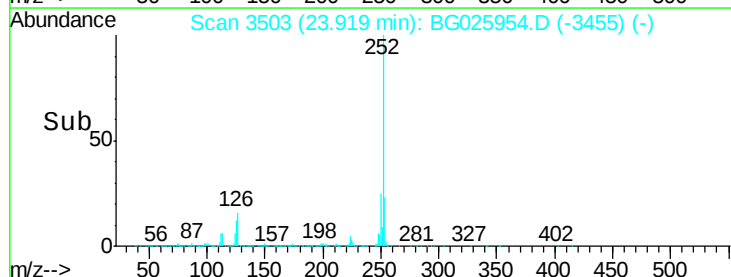
125 12.0 5.1 7.7#

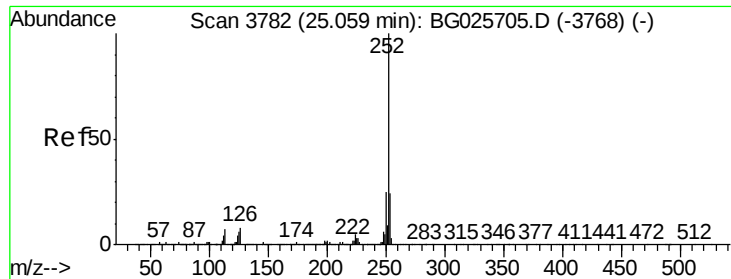


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.43 ng

RT: 24.72 min Scan# 3639

Delta R.T. -0.02 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

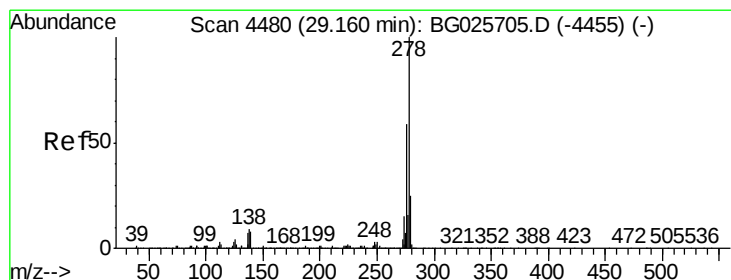
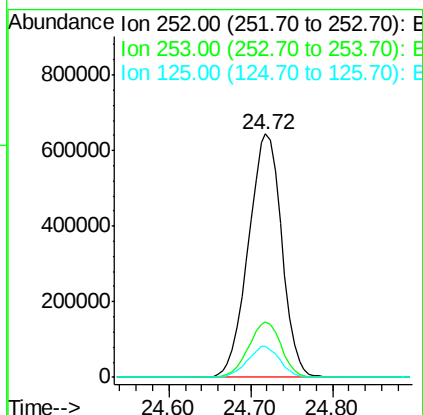
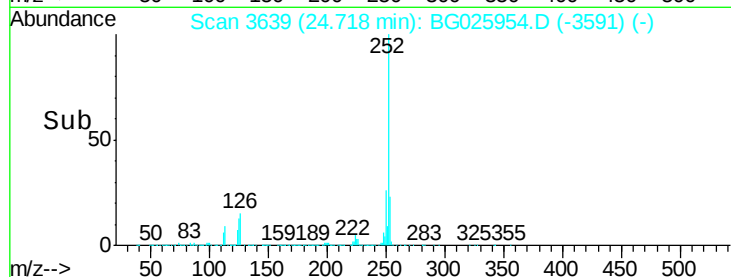
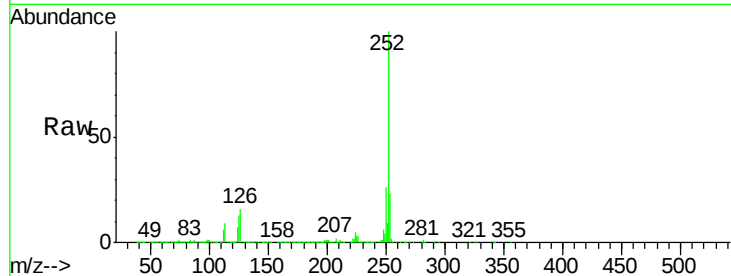
Tgt Ion:252 Resp: 1820122

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

125 12.7 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 42.04 ng

RT: 28.58 min Scan# 4297

Delta R.T. -0.03 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

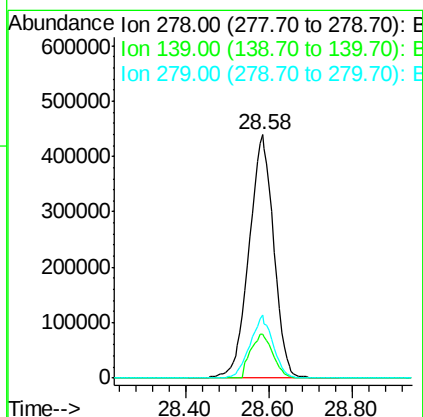
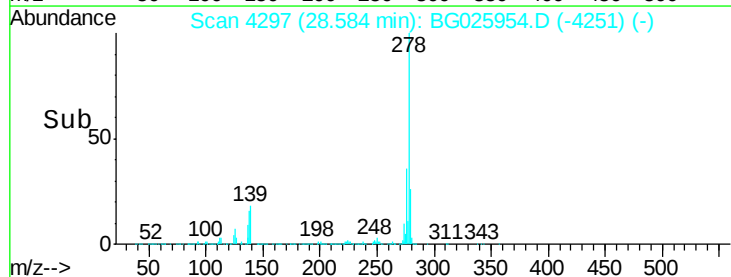
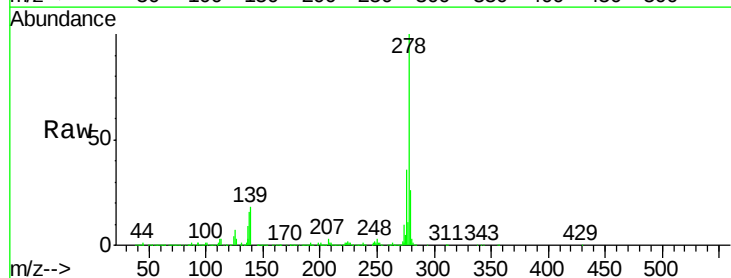
Tgt Ion:278 Resp: 1811767

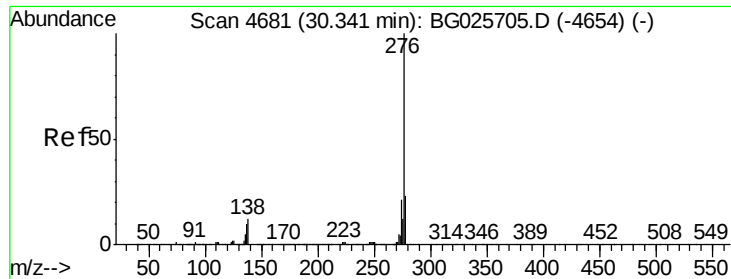
Ion Ratio Lower Upper

278 100

139 17.8 7.7 11.5#

279 25.7 19.1 28.7





#91
 Benzo(g,h,i)perylene
 Concen: 42.02 ng
 RT: 29.67 min Scan# 4481
 Delta R.T. -0.03 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion: 276 Resp: 1815740
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.6 27.8
 138 22.8 8.1 12.1#

