

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025542.D
 Acq On : 20 Jan 2017 17:21
 Operator : UM/SJ
 Sample : PB96173BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Quant Time: Jan 21 00:11:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55918	20.00	ng	-0.02
21) Naphthalene-d8	11.00	136	240346	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	198087	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	467643	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	662106	20.00	ng	-0.02
86) Perylene-d12	25.23	264	722195	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	472600	153.62	ng	-0.02
7) Phenol-d6	7.34	99	684009	157.87	ng	-0.02
23) Nitrobenzene-d5	9.37	82	499879	91.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	430053	134.85	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1095986	89.58	ng	-0.02
78) Terphenyl-d14	20.14	244	2163863	86.65	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	48747	37.14	ng	96
3) Pyridine	3.96	79	136895	35.98	ng	95
4) n-Nitrosodimethylamine	3.88	42	101097	44.76	ng	# 95
6) Aniline	7.50	93	156770	26.70	ng	96
8) 2-Chlorophenol	7.74	128	161660	46.58	ng	95
9) Benzaldehyde	7.31	77	135346	42.69	ng	98
10) Phenol	7.37	94	237859	49.52	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	154148	41.65	ng	94
12) 1,3-Dichlorobenzene	8.07	146	175344	41.75	ng	98
13) 1,4-Dichlorobenzene	8.21	146	176606	40.58	ng	95
14) 1,2-Dichlorobenzene	8.53	146	170554	41.06	ng	93
15) Benzyl Alcohol	8.43	79	190552	46.07	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	308281	44.98	ng	96
17) 2-Methylphenol	8.63	107	150310	47.66	ng	98
18) Hexachloroethane	9.26	117	74287	44.44	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	168768	46.12	ng	93
20) 3+4-Methylphenols	8.96	107	203717	46.67	ng	98
22) Acetophenone	9.01	105	291549	43.66	ng	# 98
24) Nitrobenzene	9.41	77	252404	42.30	ng	97
25) Isophorone	9.92	82	432713	43.93	ng	98
26) 2-Nitrophenol	10.12	139	94327	41.33	ng	91
27) 2,4-Dimethylphenol	10.17	122	170876	45.54	ng	91
28) bis(2-Chloroethoxy)methane	10.39	93	228790	44.72	ng	99
29) 2,4-Dichlorophenol	10.66	162	183470	45.69	ng	96
30) 1,2,4-Trichlorobenzene	10.86	180	198423	40.91	ng	91
31) Naphthalene	11.06	128	493084	41.08	ng	100
32) Benzoic acid	10.33	122	103395	34.27	ng	# 85
33) 4-Chloroaniline	11.19	127	77090	15.27	ng	96
34) Hexachlorobutadiene	11.32	225	153567	38.78	ng	95
35) Caprolactam	11.96	113	37020	24.54	ng	# 77
36) 4-Chloro-3-methylphenol	12.29	107	217648	43.92	ng	97
37) 2-Methylnaphthalene	12.65	142	393439	44.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	289892	44.33	ng	# 97
40) Hexachlorocyclopentadiene	12.97	237	257995	105.02	ng	99

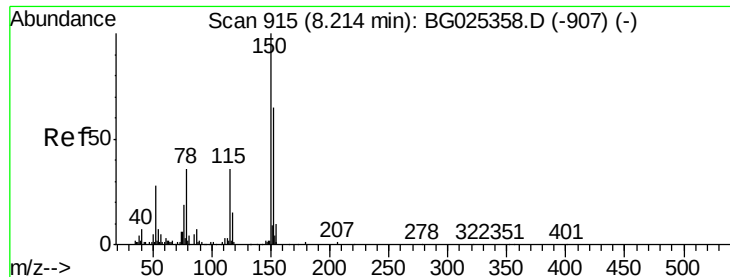
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025542.D
 Acq On : 20 Jan 2017 17:21
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	184903	44.90	ng	95
43) 2,4,5-Trichlorophenol	13.34	196	182970	42.45	ng #	97
45) 1,1'-Biphenyl	13.64	154	596665	44.78	ng	93
46) 2-Chloronaphthalene	13.70	162	444088	42.66	ng	98
47) 2-Nitroaniline	13.91	65	182088	41.44	ng	98
48) Acenaphthylene	14.54	152	691858	42.88	ng	99
49) Dimethylphthalate	14.25	163	620170	42.95	ng #	94
50) 2,6-Dinitrotoluene	14.39	165	133419	42.29	ng	96
51) Acenaphthene	14.87	154	429131	40.67	ng	99
52) 3-Nitroaniline	14.74	138	58061	19.14	ng #	97
53) 2,4-Dinitrophenol	14.95	184	151723	73.76	ng #	81
54) Dibenzofuran	15.21	168	718867	43.09	ng	98
55) 4-Nitrophenol	15.05	139	186780	82.45	ng	94
56) 2,4-Dinitrotoluene	15.19	165	202752	44.14	ng #	87
57) Fluorene	15.85	166	585311	41.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	197165	42.70	ng	98
59) Diethylphthalate	15.60	149	651481	43.02	ng	96
60) 4-Chlorophenyl-phenylether	15.83	204	342352	43.25	ng	97
61) 4-Nitroaniline	15.90	138	112207	36.77	ng #	79
62) Azobenzene	16.13	77	695977	47.66	ng	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	136872	42.26	ng	87
65) n-Nitrosodiphenylamine	16.05	169	556371	44.02	ng	100
66) 4-Bromophenyl-phenylether	16.73	248	243149	42.14	ng	94
67) Hexachlorobenzene	16.86	284	271967	41.08	ng #	89
68) Atrazine	16.99	200	251839	45.47	ng	96
69) Pentachlorophenol	17.21	266	269557	78.54	ng	98
70) Phenanthrene	17.60	178	1035443	42.97	ng	95
71) Anthracene	17.69	178	1064710	43.48	ng	100
72) Carbazole	17.97	167	954790	43.59	ng	93
73) Di-n-butylphthalate	18.48	149	1173096	43.53	ng	97
74) Fluoranthene	19.59	202	1397753	43.91	ng	94
76) Benzidine	19.78	184	562419	34.05	ng	98
77) Pyrene	19.96	202	1432453	41.40	ng	98
79) Butylbenzylphthalate	20.81	149	613163	44.13	ng	99
80) Benzo(a)anthracene	21.82	228	1622386	43.93	ng	98
81) 3,3'-Dichlorobenzidine	21.73	252	332774	23.20	ng	96
82) Chrysene	21.89	228	1475807	41.67	ng	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	874002	45.20	ng	97
84) Di-n-octyl phthalate	22.91	149	1506910	46.94	ng	97
85) Indeno(1,2,3-cd)pyrene	29.14	276	2091220	46.45	ng #	96
87) Benzo(b)fluoranthene	24.14	252	1717759	43.59	ng	97
88) Benzo(k)fluoranthene	24.21	252	1656167	43.52	ng	95
89) Benzo(a)pyrene	25.06	252	1647101	43.28	ng	96
90) Dibenzo(a,h)anthracene	29.18	278	1758019	43.58	ng	96
91) Benzo(g,h,i)perylene	30.36	276	1725435	43.05	ng	98

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

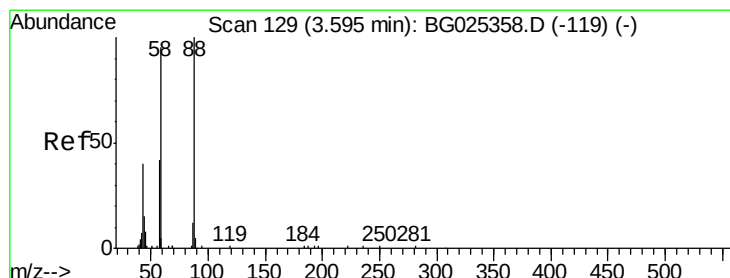
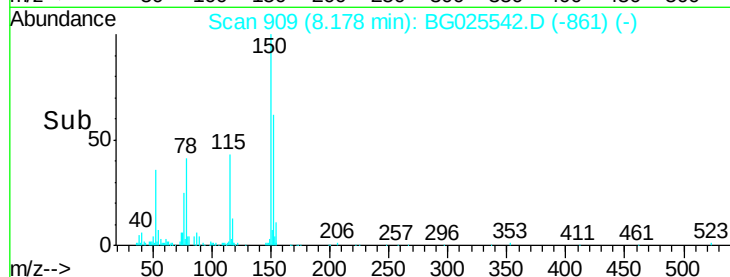
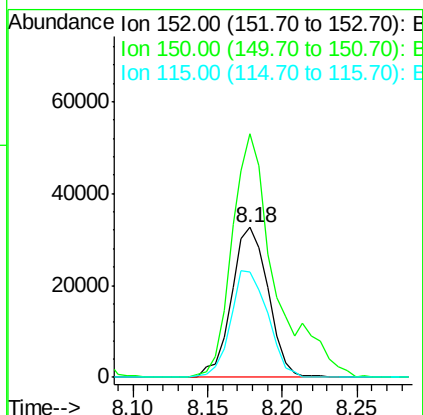
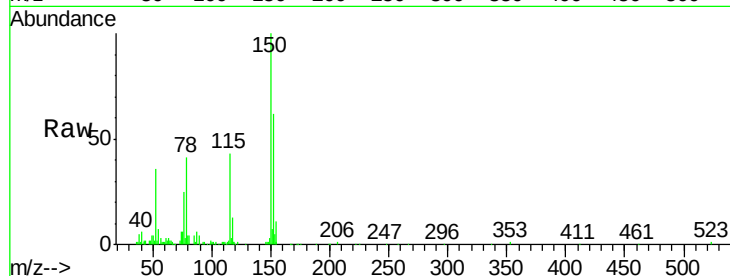


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

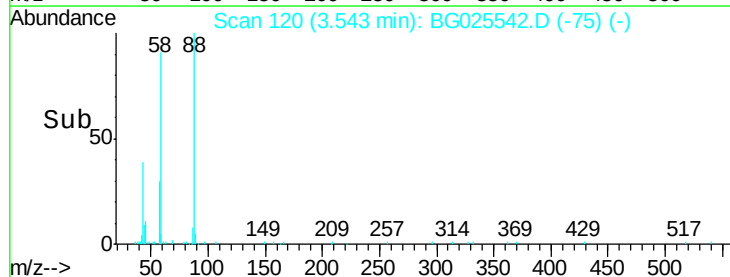
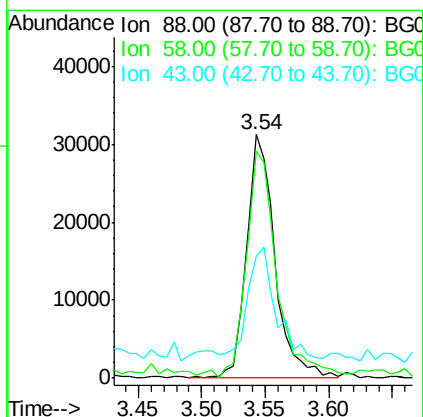
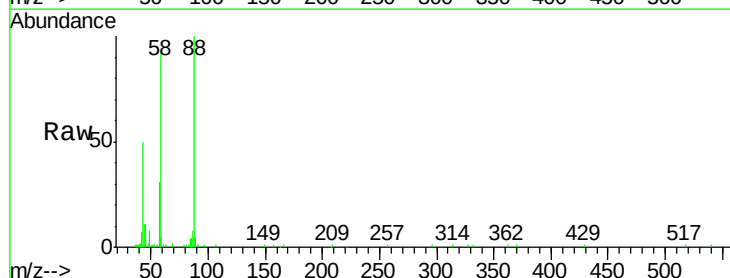
Tgt Ion:152 Resp: 55918
Ion Ratio Lower Upper
152 100
150 162.3 114.0 171.0
115 69.9 48.1 72.1

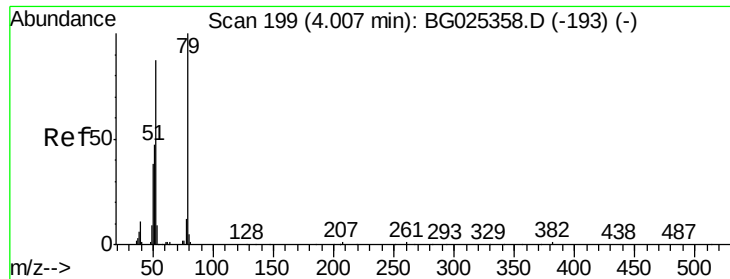


#2

1,4-Dioxane
Concen: 37.14 ng
RT: 3.54 min Scan# 120
Delta R.T. -0.04 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion: 88 Resp: 48747
Ion Ratio Lower Upper
88 100
58 100.9 79.4 119.2
43 47.6 33.8 50.6





#3

Pyridine

Concen: 35.98 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.03 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

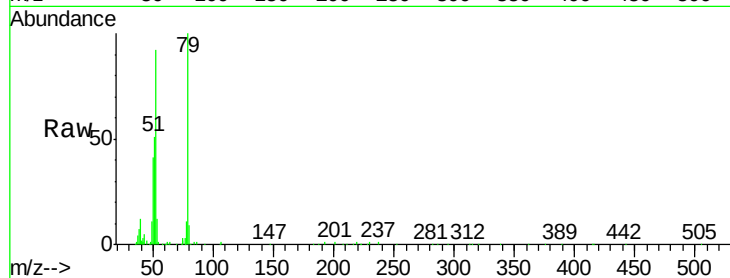
Tgt Ion: 79 Resp: 136895

Ion Ratio Lower Upper

79 100

52 91.6 77.8 116.6

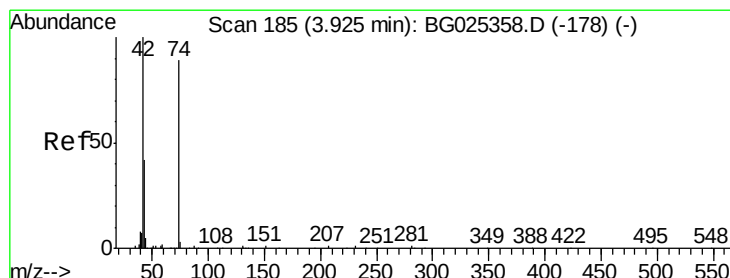
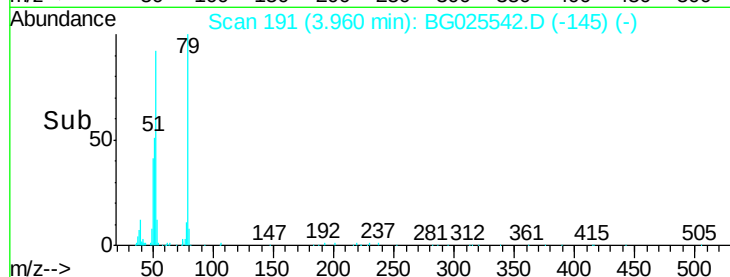
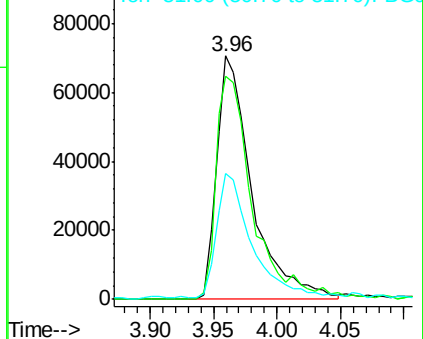
51 51.4 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.76 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.03 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

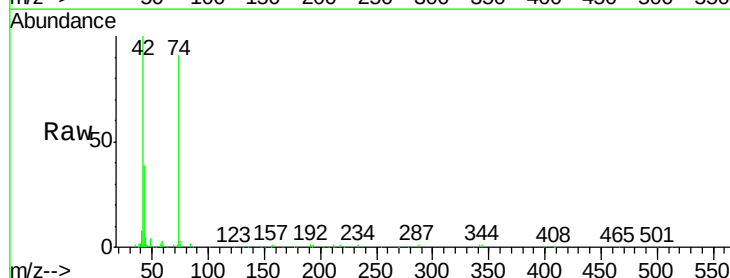
Tgt Ion: 42 Resp: 101097

Ion Ratio Lower Upper

42 100

74 90.7 76.7 115.1

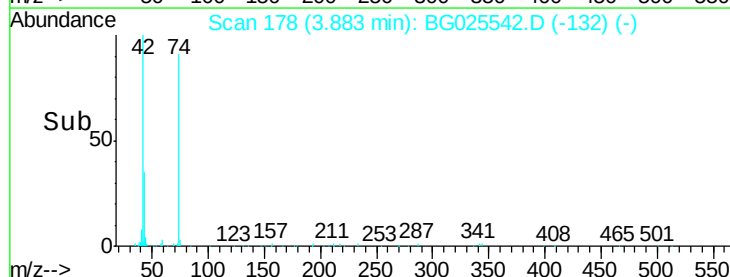
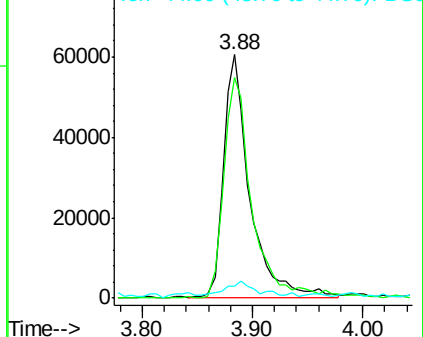
44 5.1 6.1 9.1#

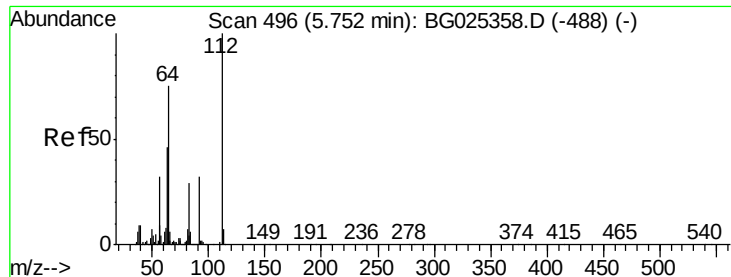


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 153.62 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

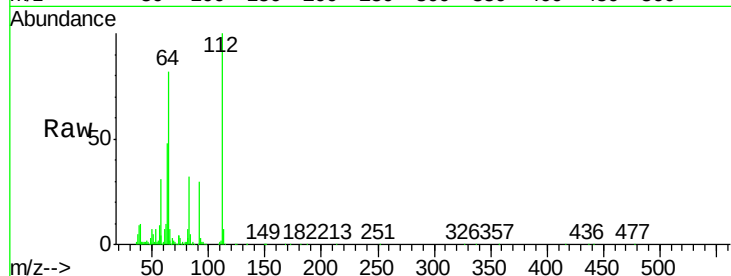
Tgt Ion: 112 Resp: 472600

Ion Ratio Lower Upper

112 100

64 81.5 61.8 92.6

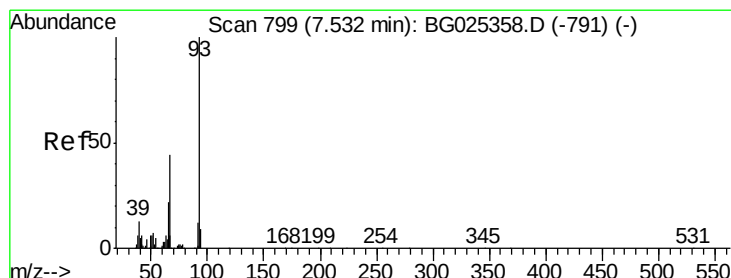
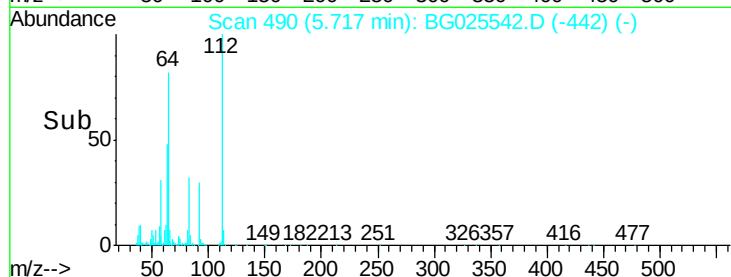
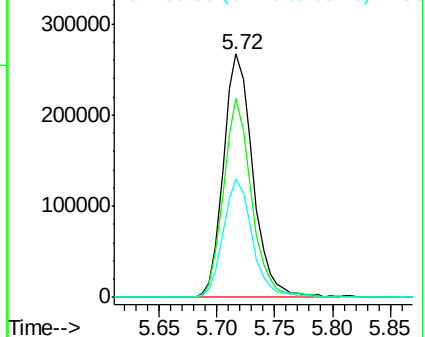
63 48.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.70 ng

RT: 7.50 min Scan# 794

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

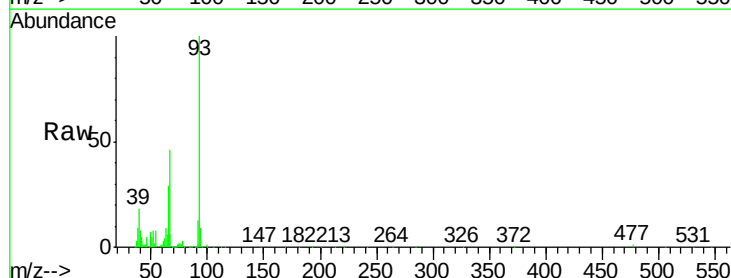
Tgt Ion: 93 Resp: 156770

Ion Ratio Lower Upper

93 100

66 46.5 35.4 53.2

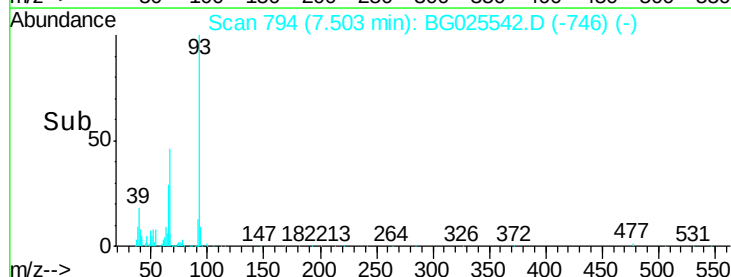
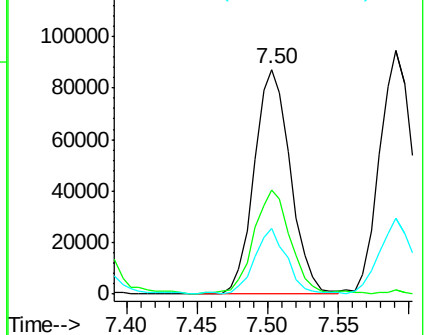
65 29.3 21.2 31.8

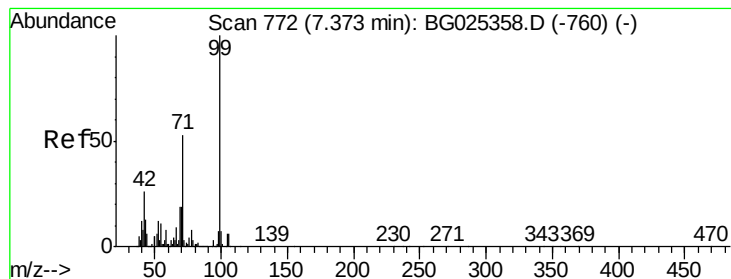


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.87 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

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ClientSampleId :

PB96173BS

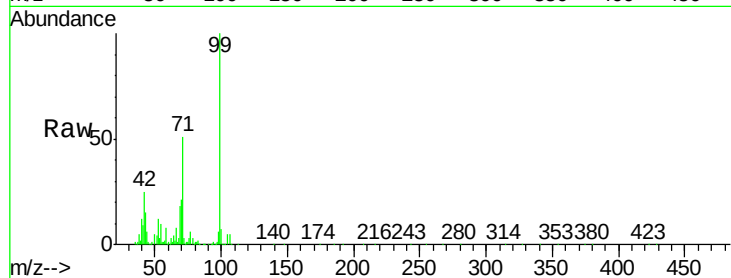
Tgt Ion: 99 Resp: 684009

Ion Ratio Lower Upper

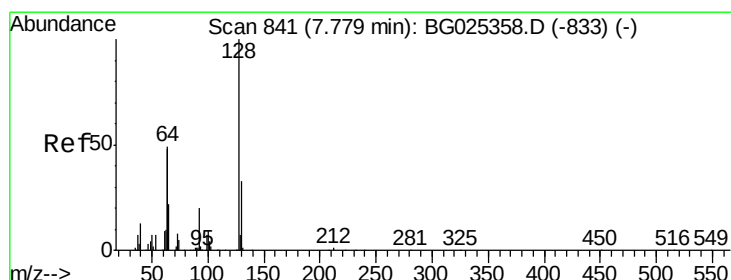
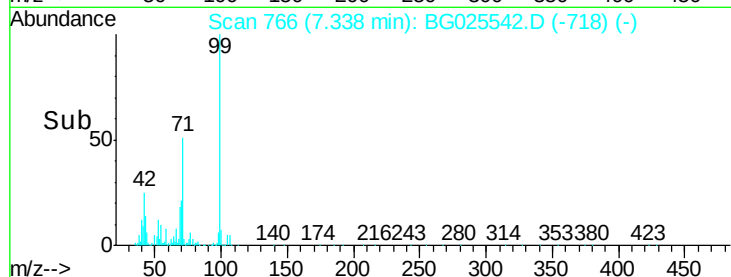
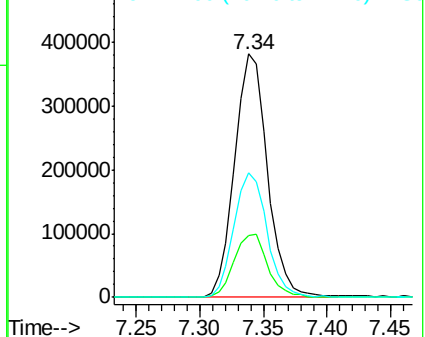
99 100

42 25.3 20.5 30.7

71 51.3 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: 46.58 ng

RT: 7.74 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

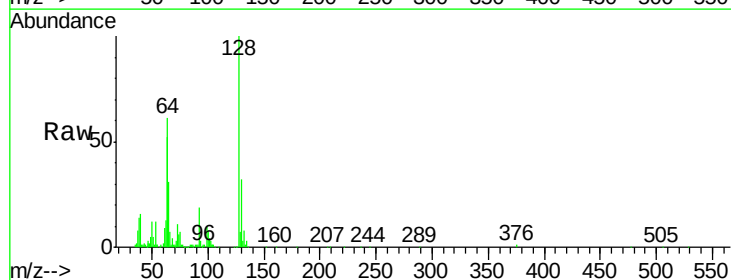
Tgt Ion: 128 Resp: 161660

Ion Ratio Lower Upper

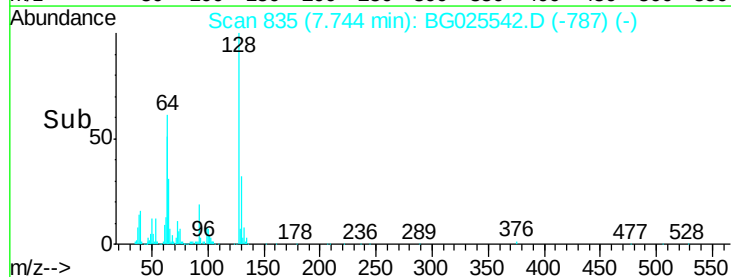
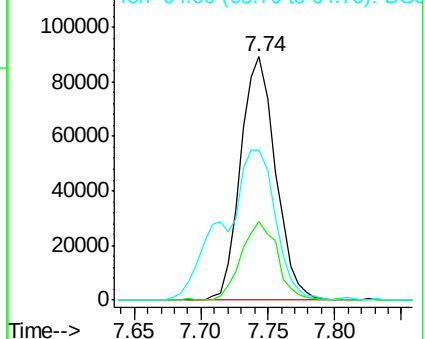
128 100

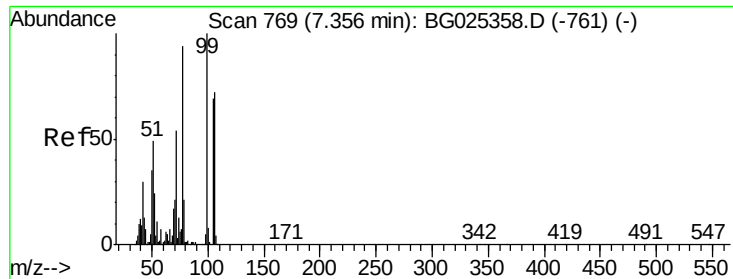
130 32.5 11.4 51.4

64 61.5 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: 42.69 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

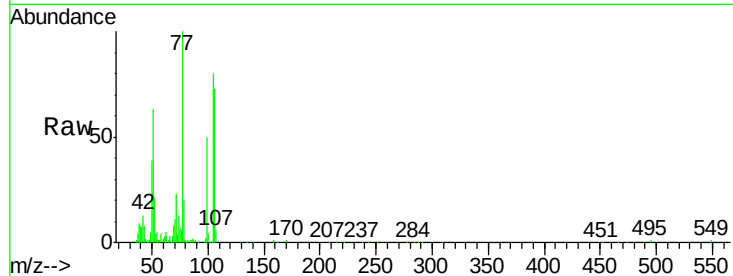
Tgt Ion: 77 Resp: 135346

Ion Ratio Lower Upper

77 100

105 80.1 60.9 100.9

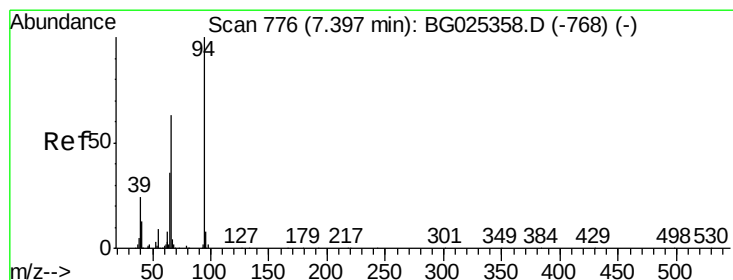
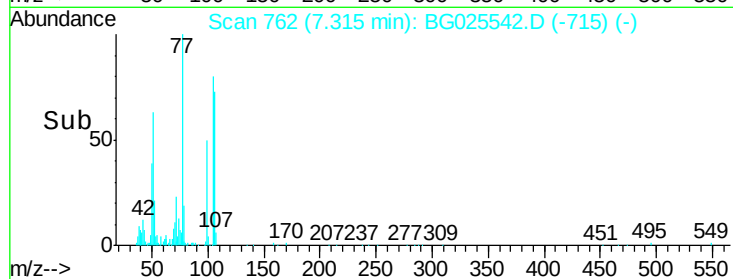
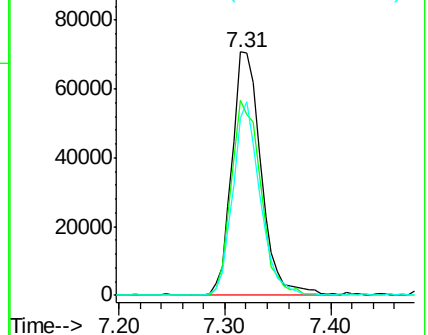
106 72.5 55.1 95.1



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: 49.52 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

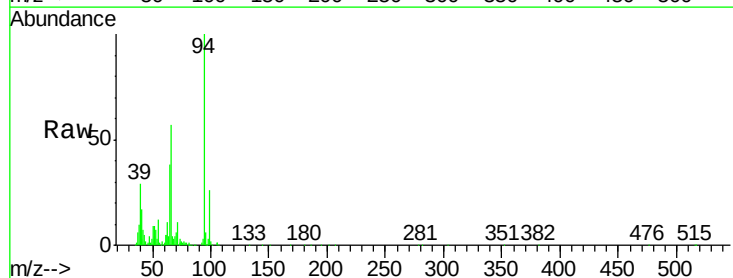
Tgt Ion: 94 Resp: 237859

Ion Ratio Lower Upper

94 100

65 37.8 20.6 60.6

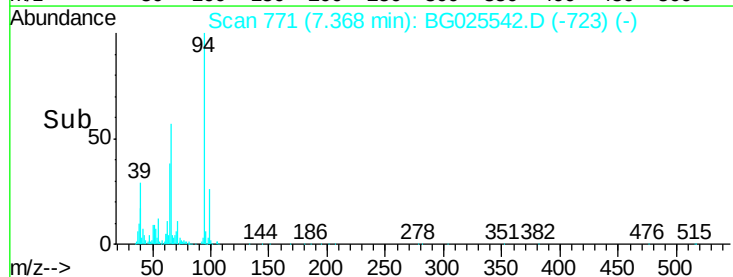
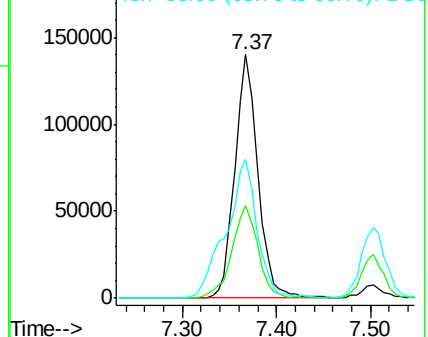
66 56.7 35.5 75.5

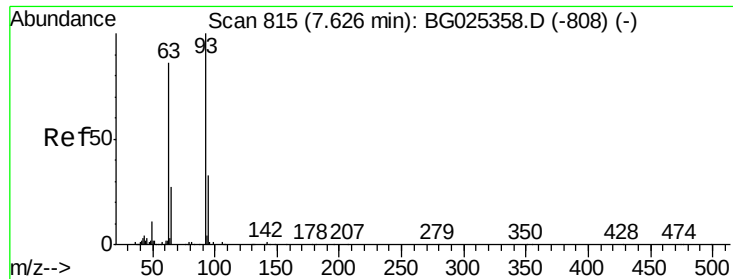


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

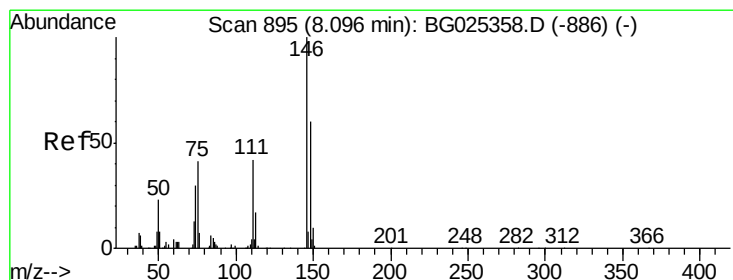
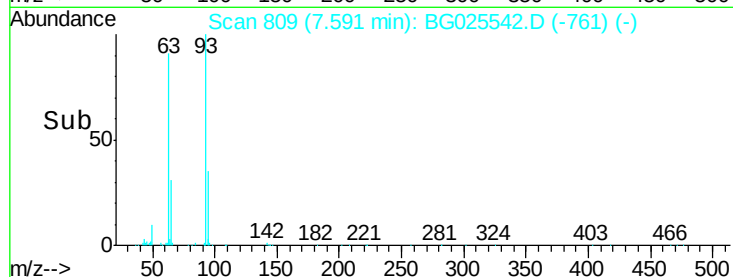
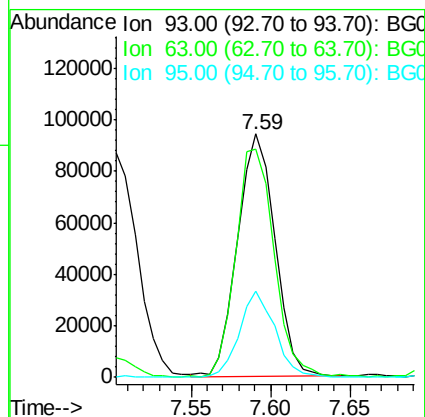
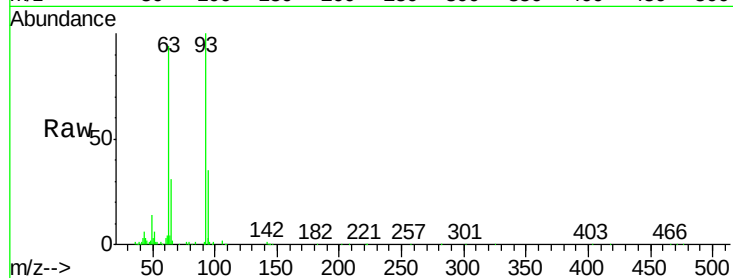




#11
bis(2-Chloroethyl)ether
Concen: 41.65 ng
RT: 7.59 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

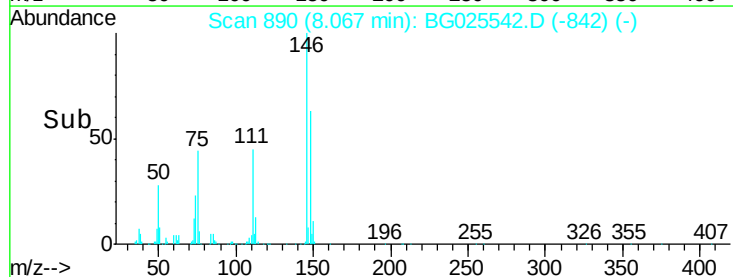
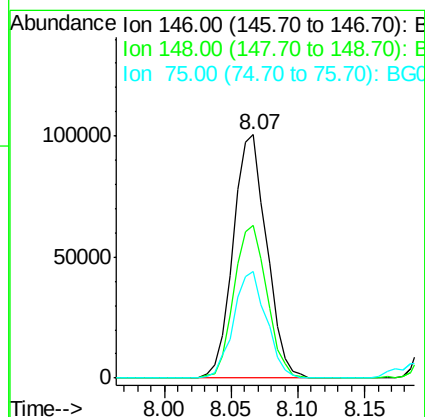
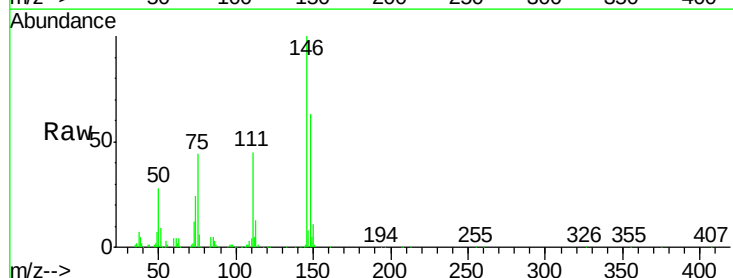
Instrument :
BNA_G
ClientSampleId :
PB96173BS

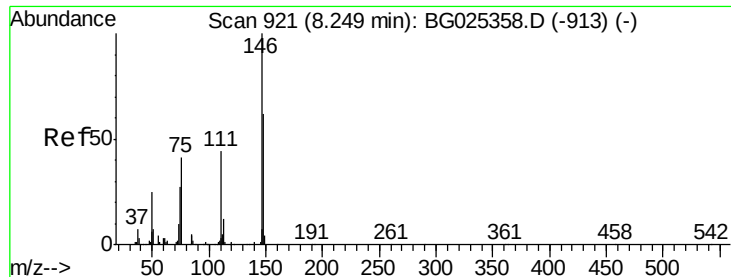
Tgt Ion: 93 Resp: 154148
Ion Ratio Lower Upper
93 100
63 93.9 78.5 118.5
95 35.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 41.75 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion: 146 Resp: 175344
Ion Ratio Lower Upper
146 100
148 62.9 49.2 73.8
75 43.8 33.4 50.2

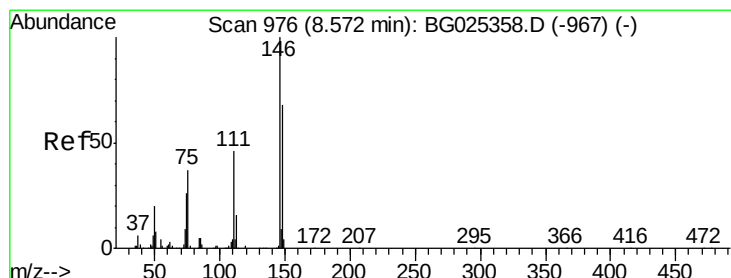
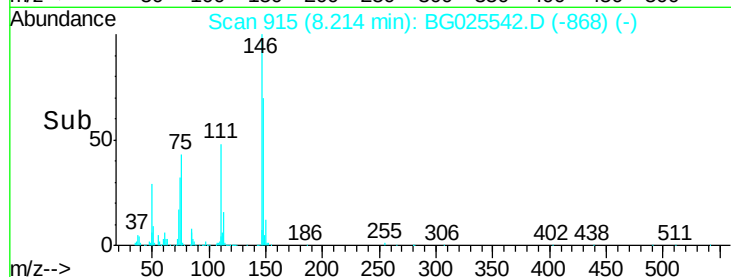
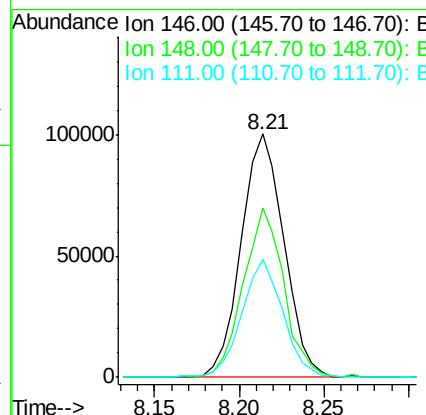
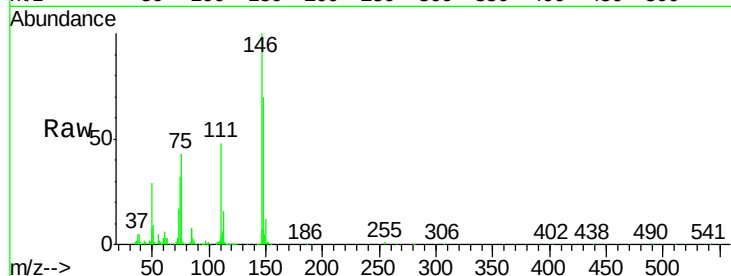




#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 8.21 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

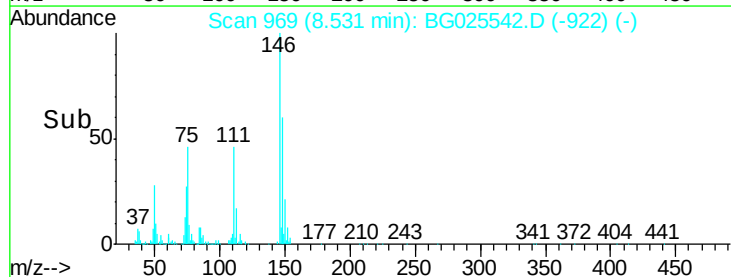
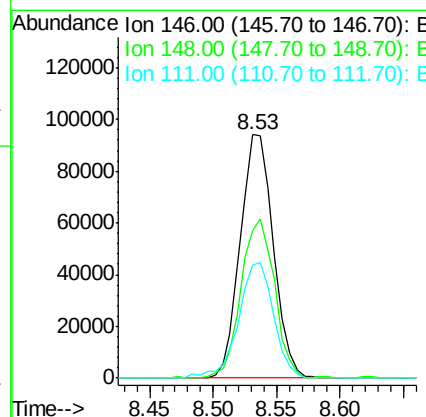
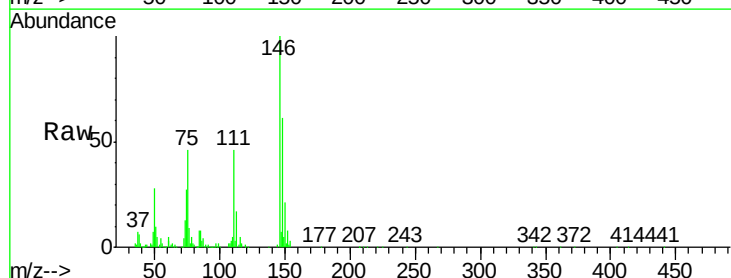
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

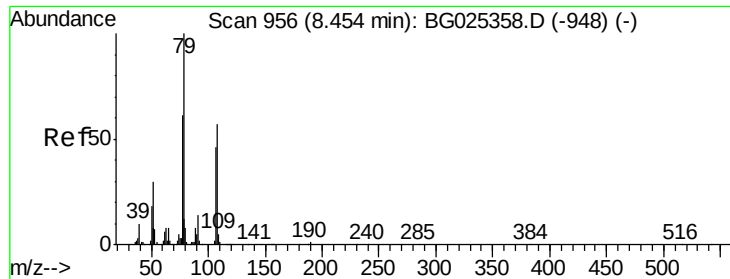
Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	52.2	78.2
111	48.5	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 41.06 ng
 RT: 8.53 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	54.6	81.8
111	46.2	39.7	59.5

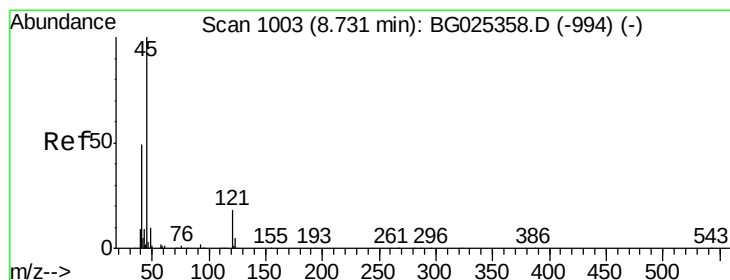
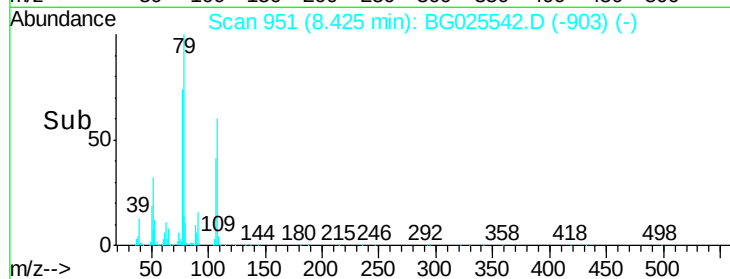
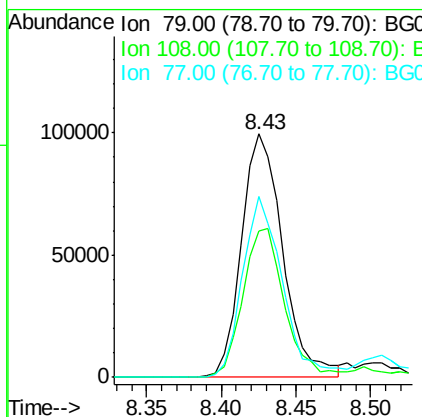
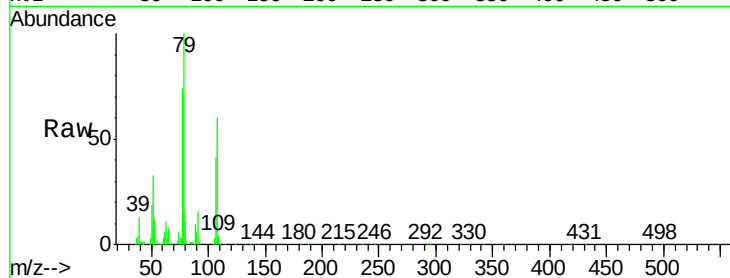




#15
Benzyl Alcohol
Concen: 46.07 ng
RT: 8.43 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

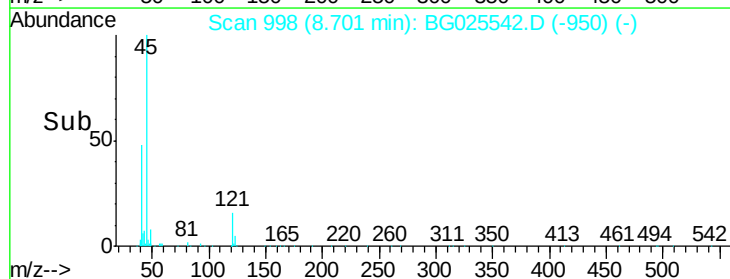
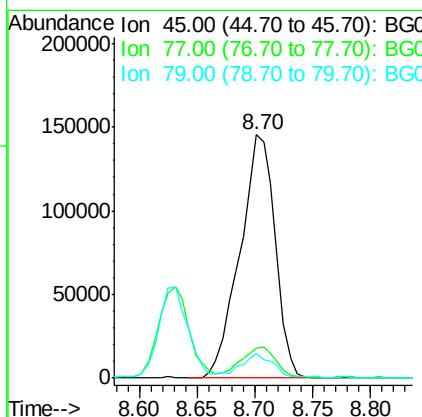
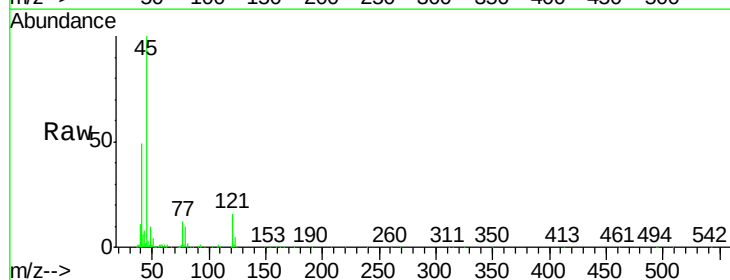
Instrument :
BNA_G
ClientSampleId :
PB96173BS

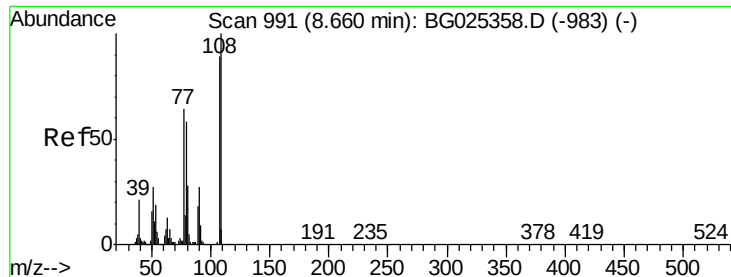
Tgt Ion	Ratio	Lower	Upper
79	100		
108	60.1	45.5	68.3
77	74.4	54.3	81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.98 ng
RT: 8.70 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	30.6
79	10.0	0.0	28.5





#17

2-Methylphenol

Concen: 47.66 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

Tgt Ion:107 Resp: 150310

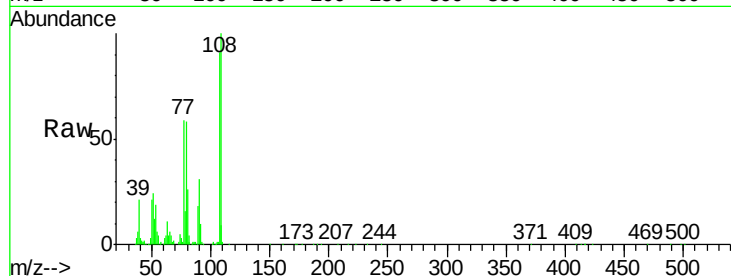
Ion Ratio Lower Upper

107 100

108 109.5 85.6 128.4

77 64.3 51.4 77.2

79 64.0 49.2 73.8

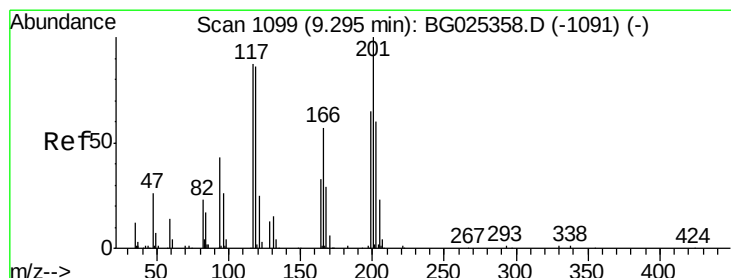
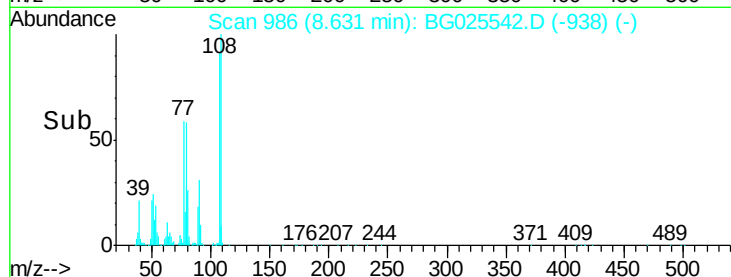
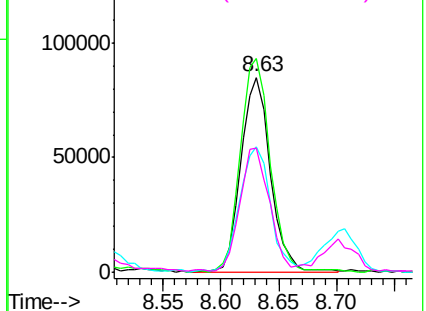


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.44 ng

RT: 9.26 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

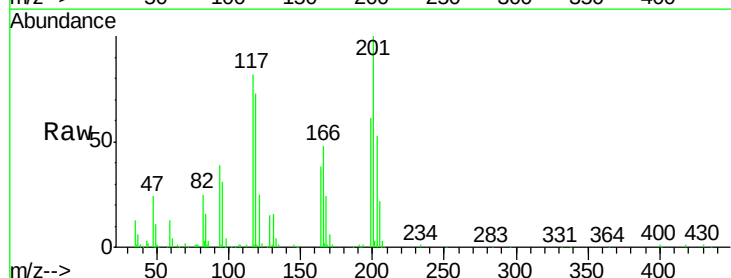
Tgt Ion:117 Resp: 74287

Ion Ratio Lower Upper

117 100

119 88.6 69.8 104.6

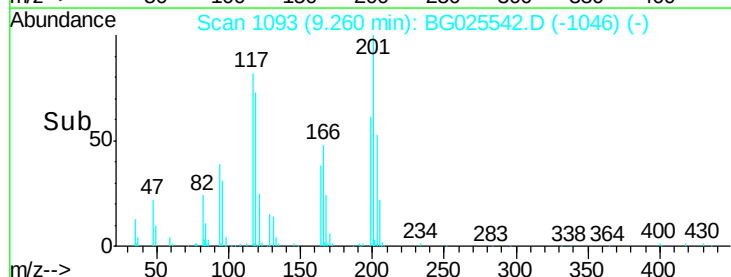
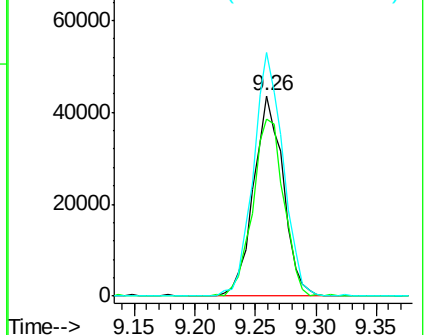
201 125.7 95.4 143.0

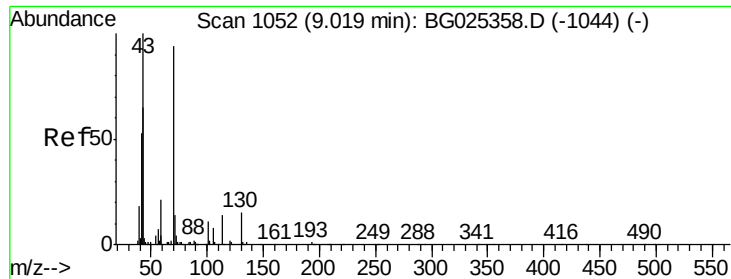


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

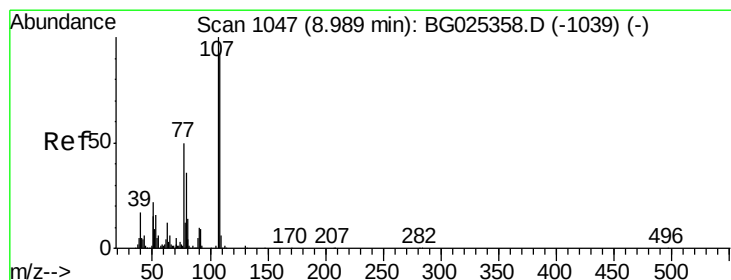
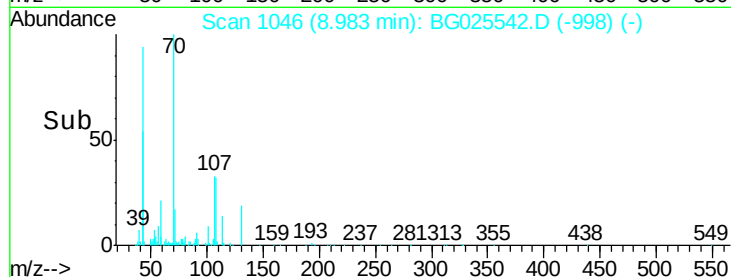
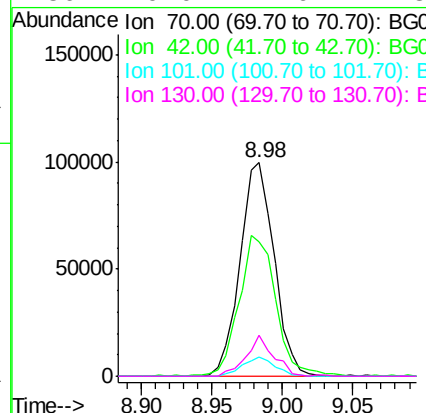
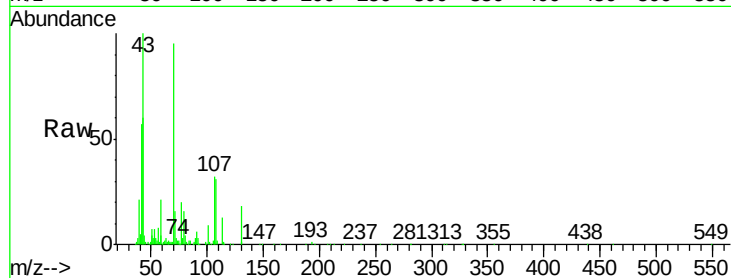




#19
n-Nitroso-di-n-propylamine
Concen: 46.12 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

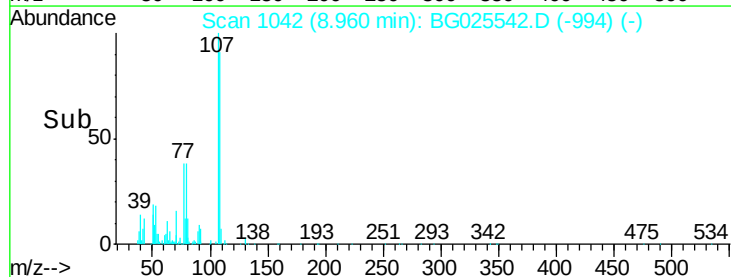
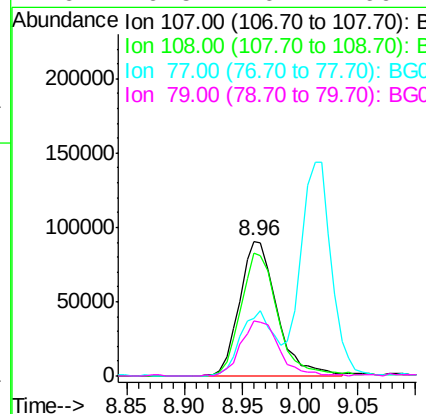
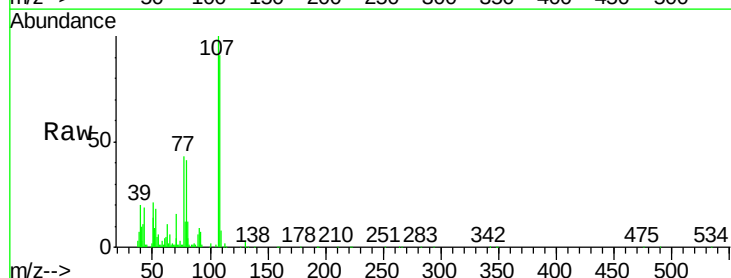
Instrument :
BNA_G
ClientSampleId :
PB96173BS

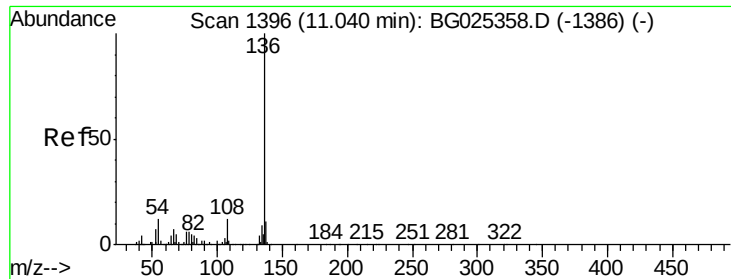
Tgt Ion:	70	Resp:	168768
Ion	Ratio	Lower	Upper
70	100		
42	62.9	56.1	84.1
101	9.3	7.5	11.3
130	19.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 46.67 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:	107	Resp:	203717
Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.8	110.8
77	42.7	25.8	65.8
79	40.5	20.1	60.1

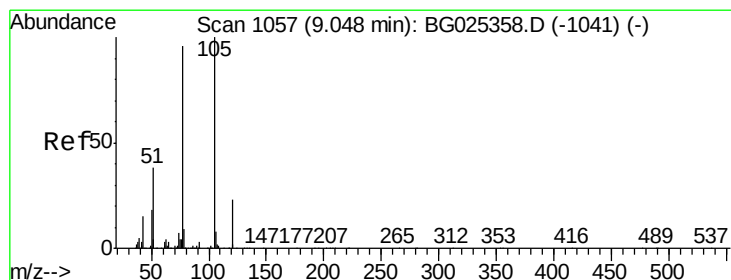
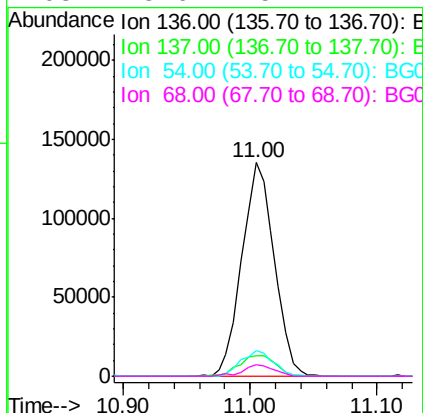
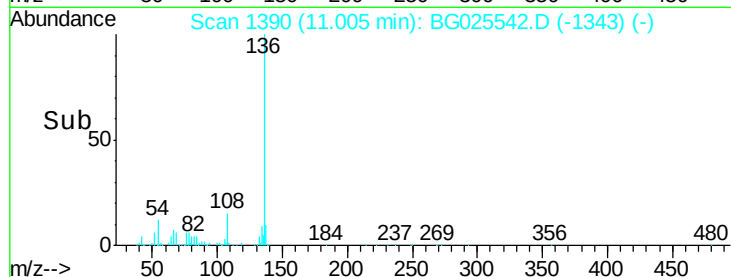
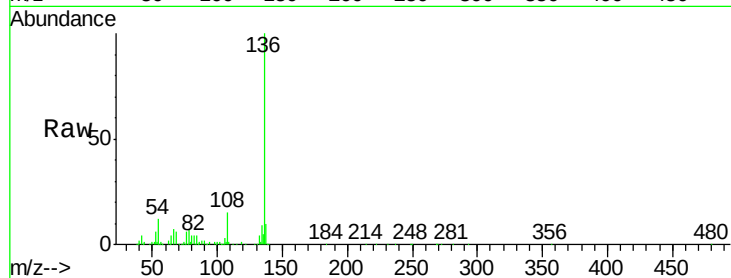




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

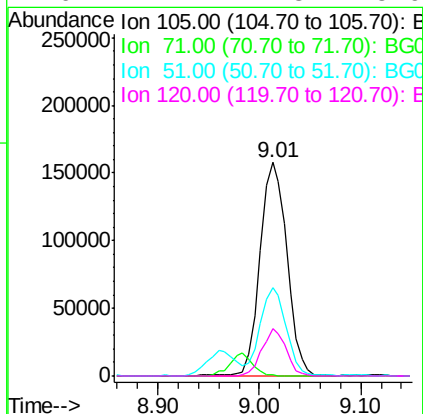
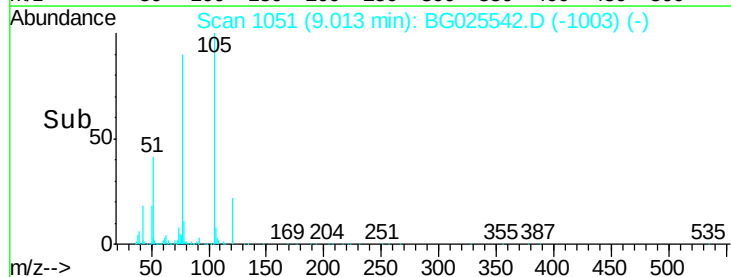
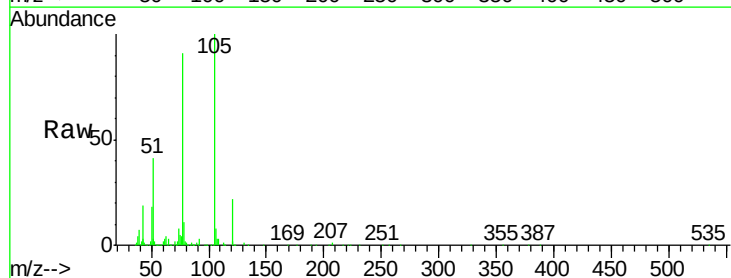
Instrument :
BNA_G
ClientSampleId :
PB96173BS

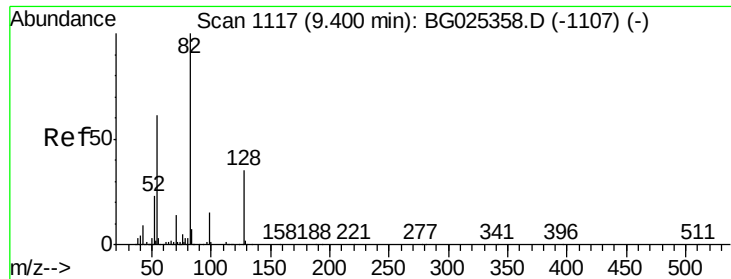
Tgt Ion:	136	Resp:	240346
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.9	13.3
54	12.1	9.3	13.9
68	5.6	5.1	7.7



#22
Acetophenone
Concen: 43.66 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:	105	Resp:	291549
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	41.3	34.0	51.0
120	22.2	17.3	25.9

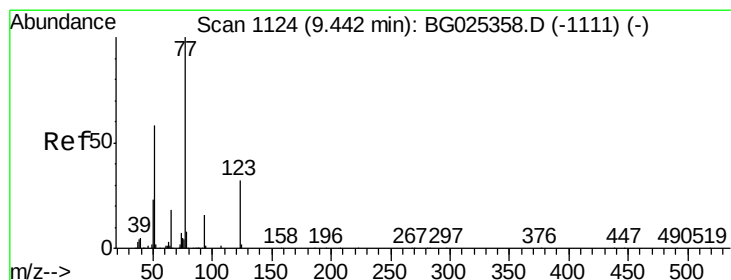
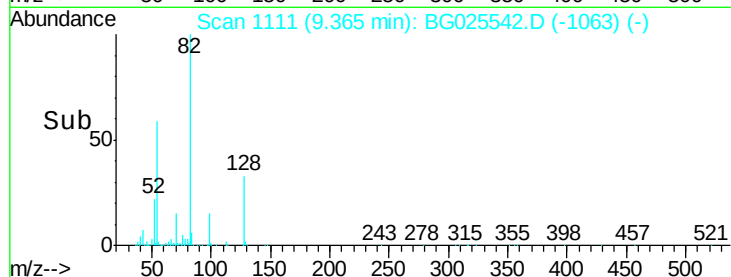
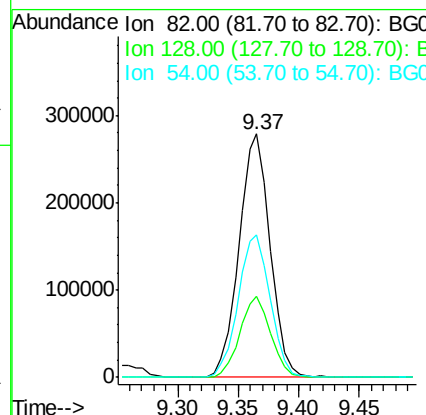
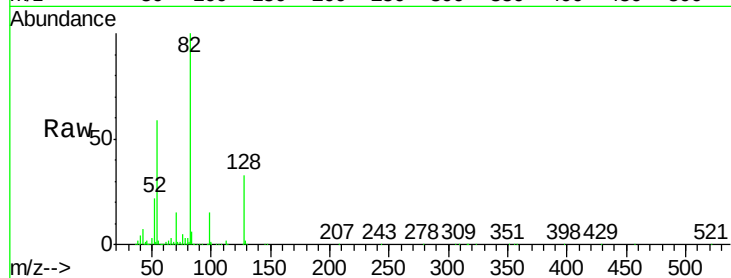




#23
 Nitrobenzene-d5
 Concen: 91.88 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

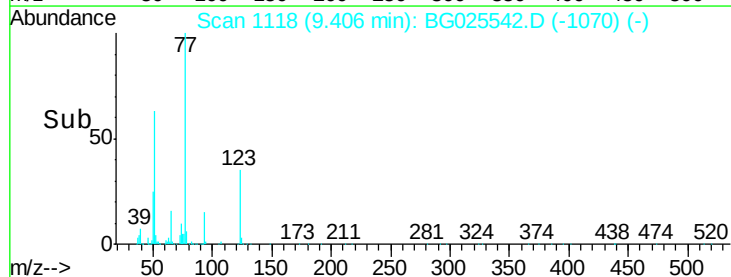
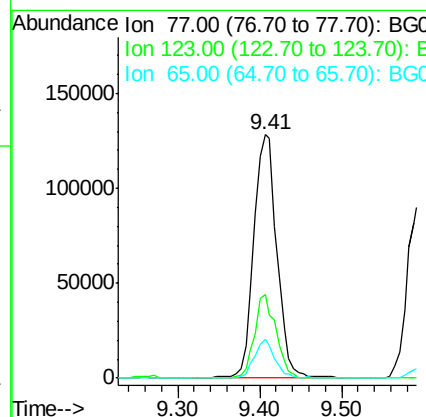
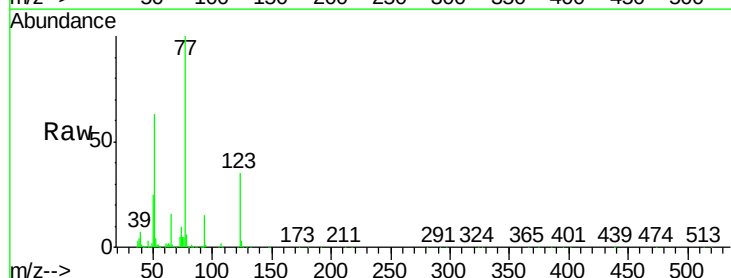
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

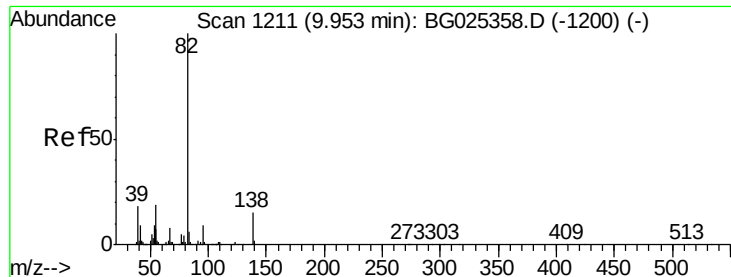
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	26.4	39.6
54	58.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 42.30 ng
 RT: 9.41 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	26.1	39.1
65	15.8	12.4	18.6





#25

Isophorone

Concen: 43.93 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

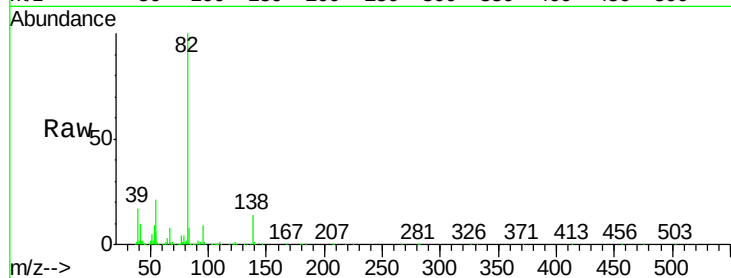
Tgt Ion: 82 Resp: 432713

Ion Ratio Lower Upper

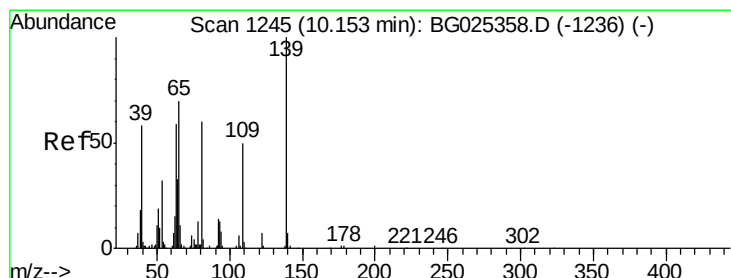
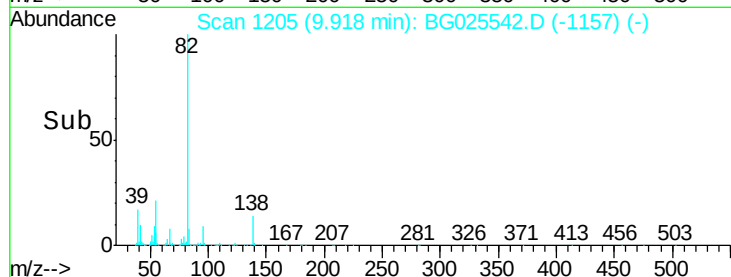
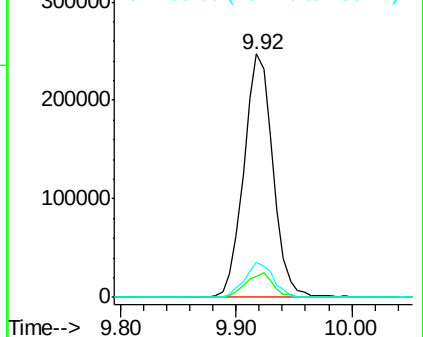
82 100

95 8.7 7.5 11.3

138 14.3 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



#26

2-Nitrophenol

Concen: 41.33 ng

RT: 10.12 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

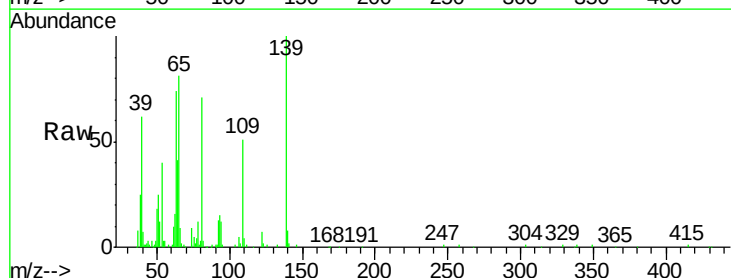
Tgt Ion: 139 Resp: 94327

Ion Ratio Lower Upper

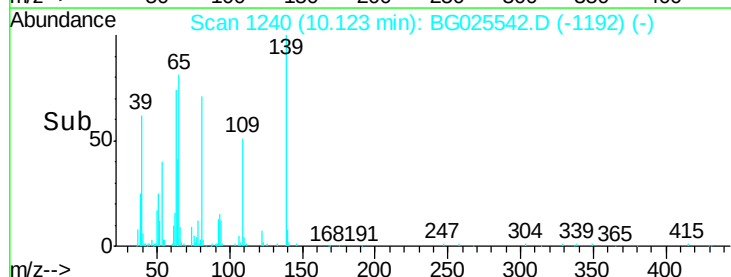
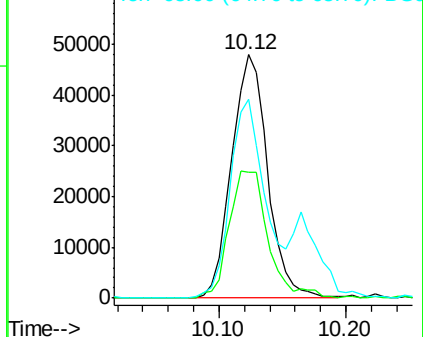
139 100

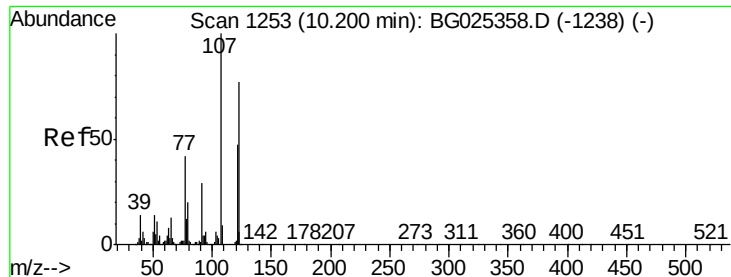
109 51.4 38.6 58.0

65 81.4 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

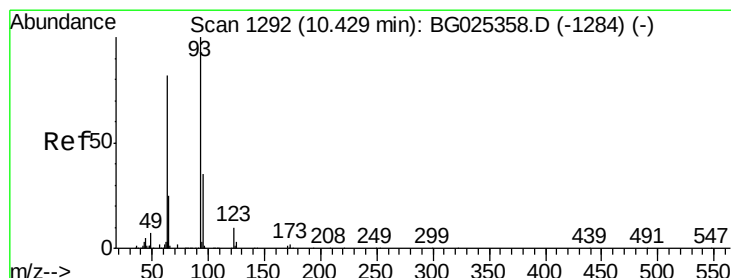
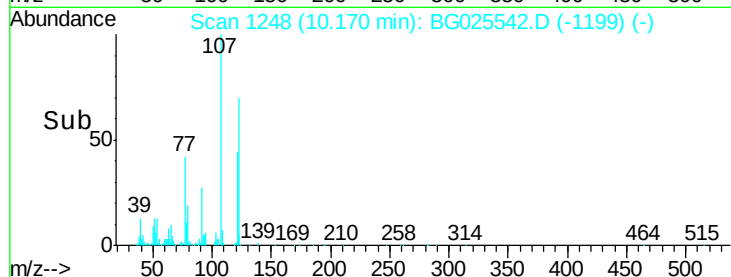
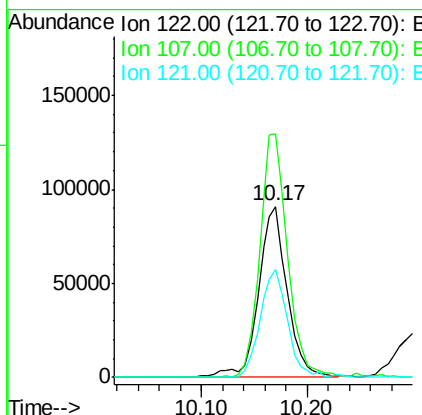
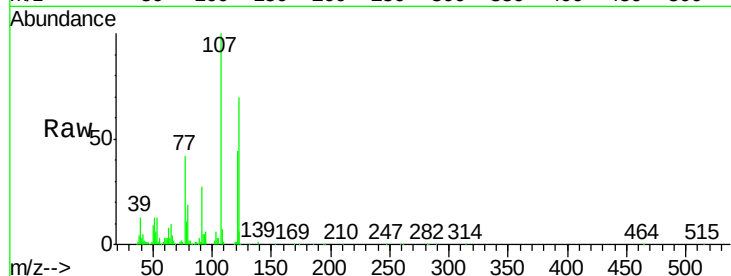




#27
2,4-Dimethylphenol
Concen: 45.54 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

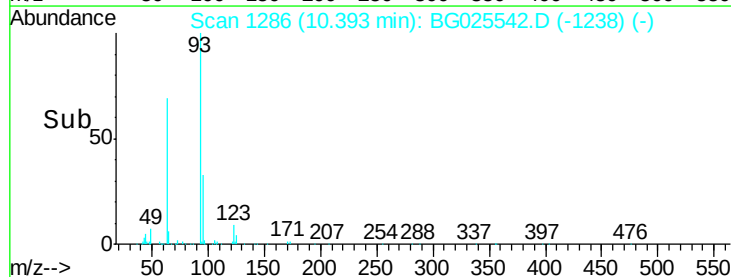
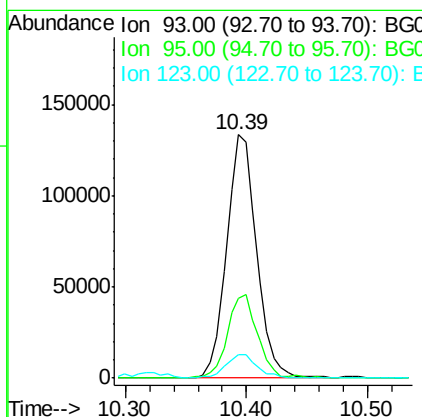
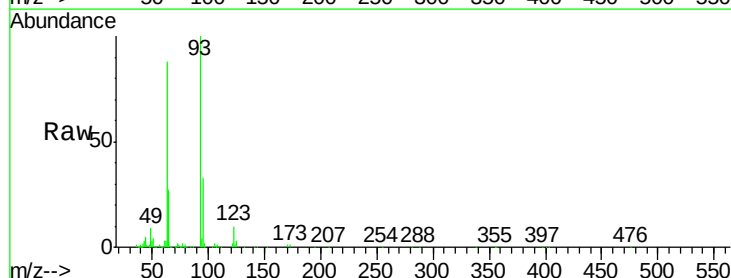
Instrument :
BNA_G
ClientSampleId :
PB96173BS

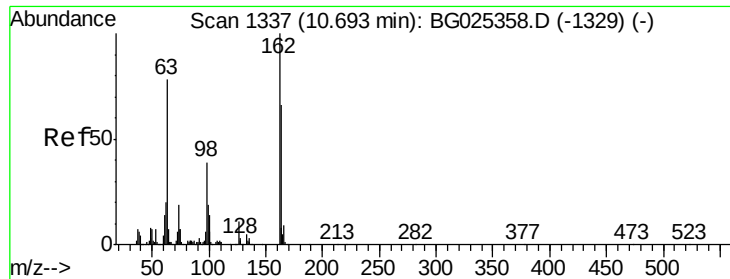
Tgt Ion	Ratio	Lower	Upper
122	100		
107	142.2	104.2	156.4
121	62.8	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.72 ng
RT: 10.39 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	9.7	8.3	12.5

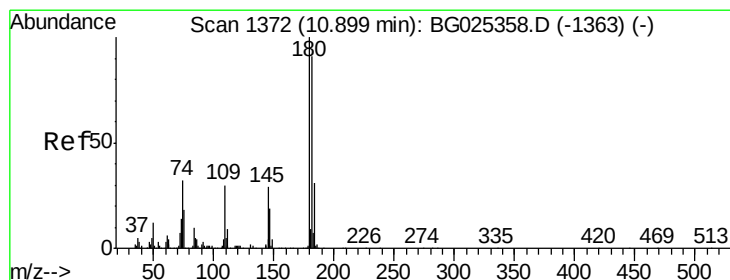
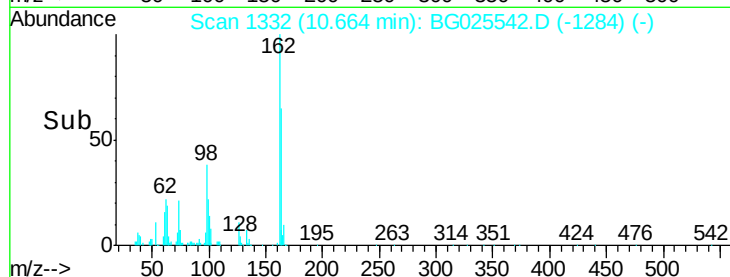
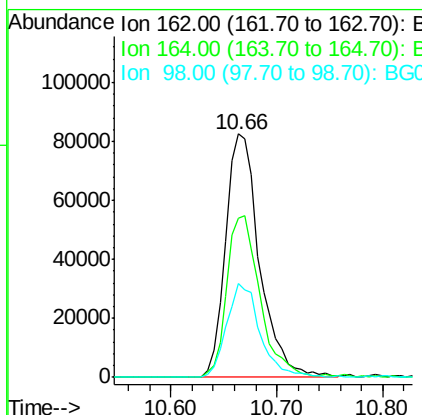
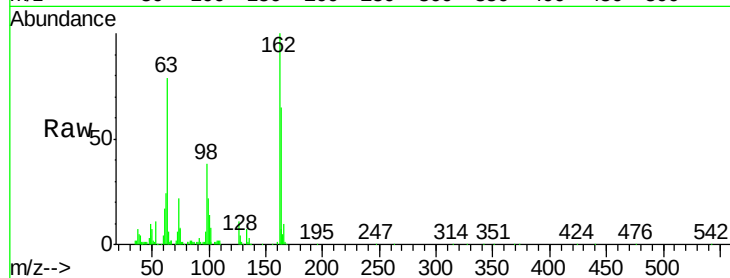




#29
 2,4-Dichlorophenol
 Concen: 45.69 ng
 RT: 10.66 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

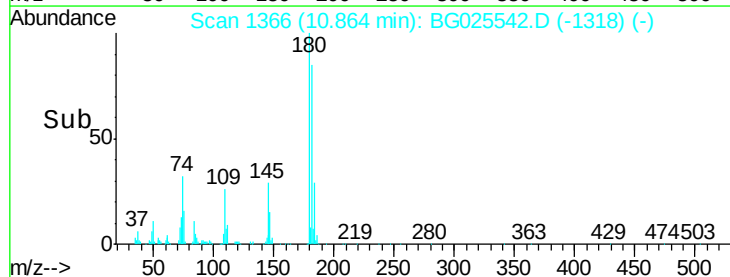
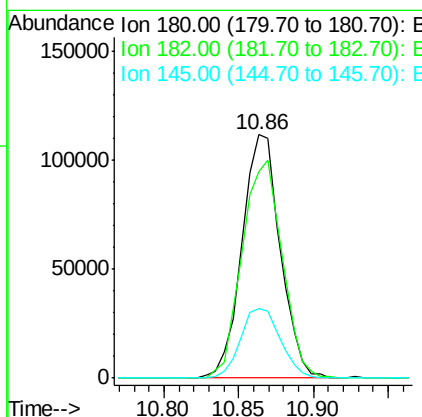
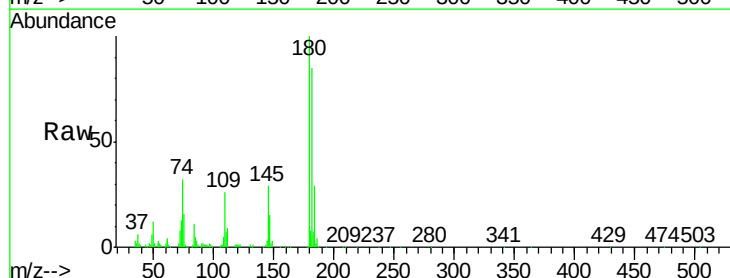
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

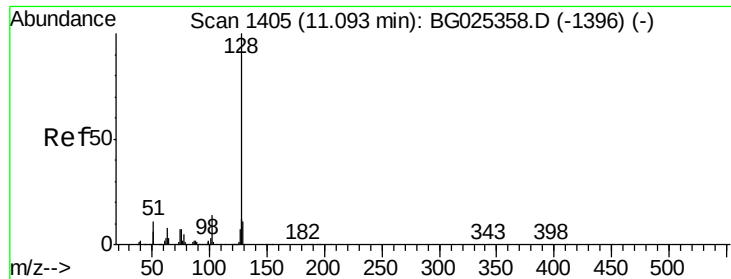
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.4	82.4
98	38.4	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.91 ng
 RT: 10.86 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.8	77.0	115.4
145	28.8	23.4	35.0

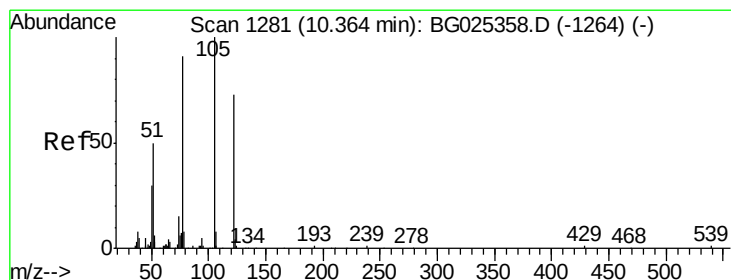
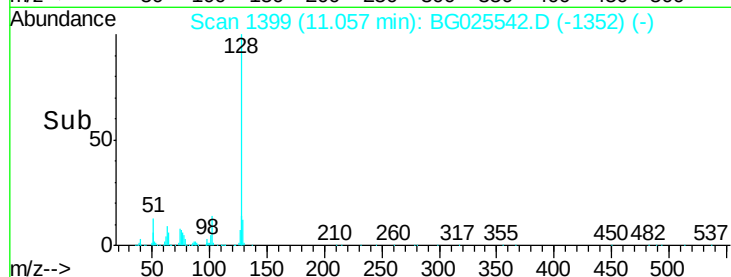
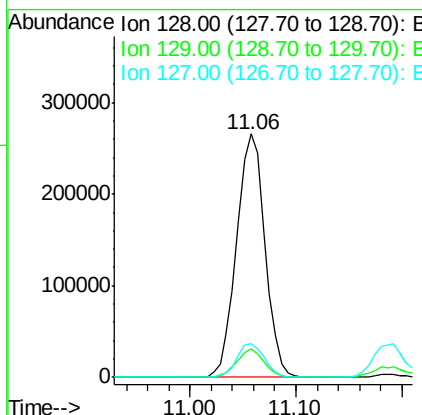
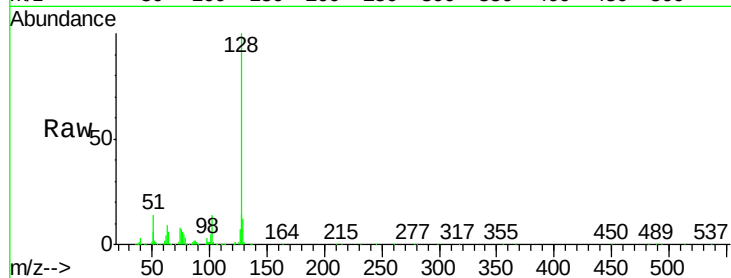




#31
Naphthalene
Concen: 41.08 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

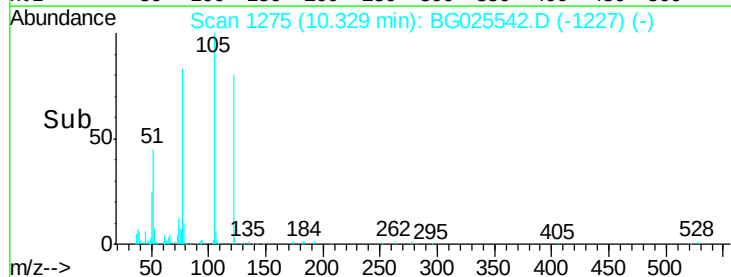
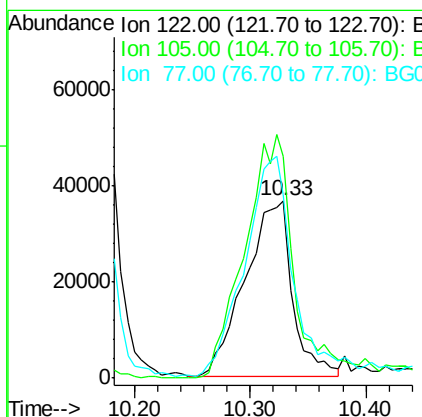
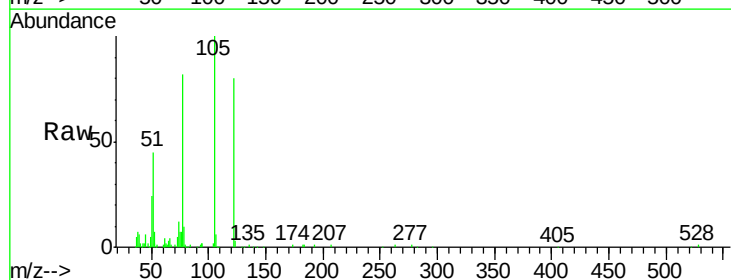
Instrument :
BNA_G
ClientSampleId :
PB96173BS

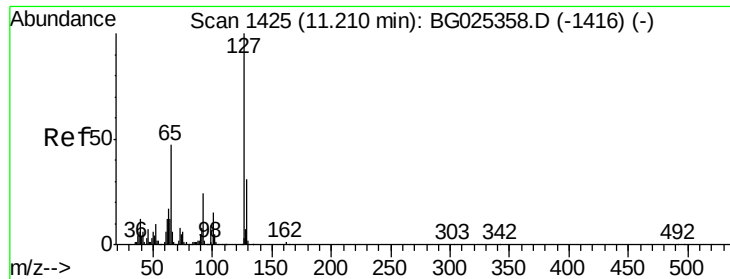
Tgt Ion:128 Resp: 493084
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 34.27 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:122 Resp: 103395
Ion Ratio Lower Upper
122 100
105 125.4 120.1 160.1
77 103.2 104.6 144.6#

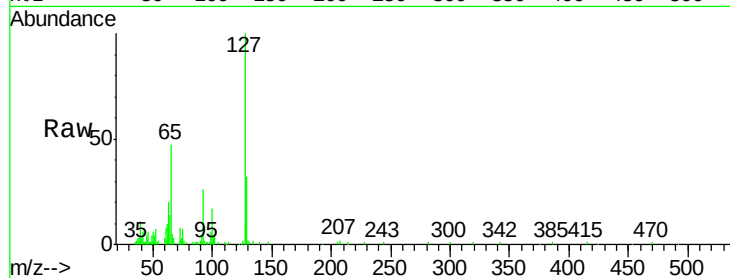




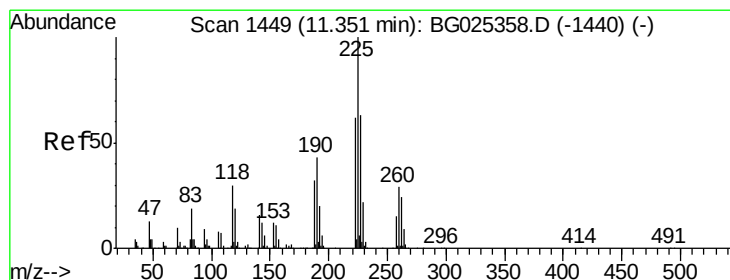
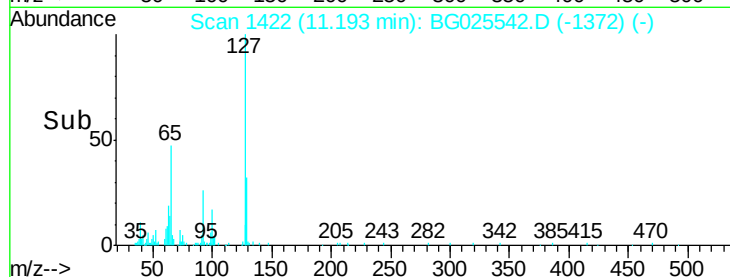
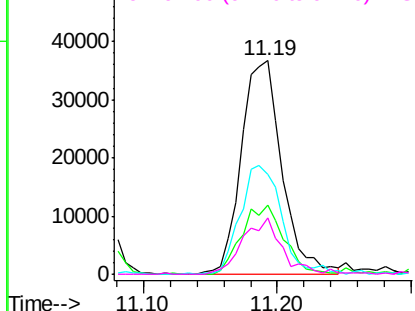
#33
4-Chloroaniline
Concen: 15.27 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tgt Ion:	127	Resp:	77090
Ion	Ratio	Lower	Upper
127	100		
129	32.5	23.6	35.4
65	46.8	37.7	56.5
92	26.3	17.6	26.4

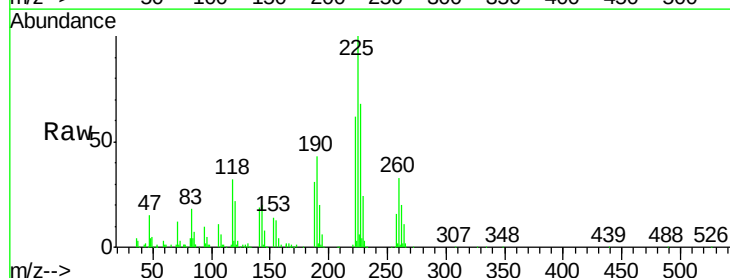


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

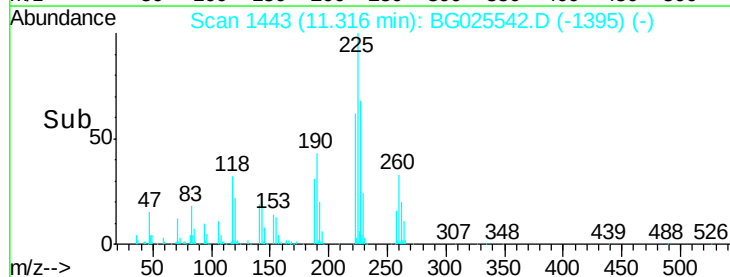
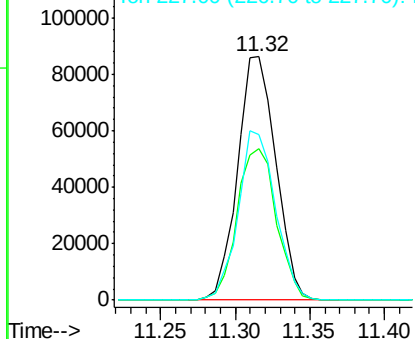


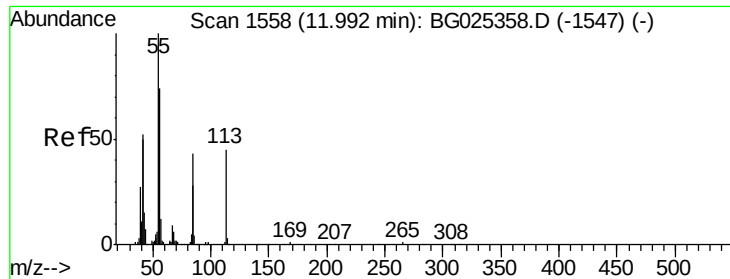
#34
Hexachlorobutadiene
Concen: 38.78 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:	225	Resp:	153567
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	67.8	49.0	73.6



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

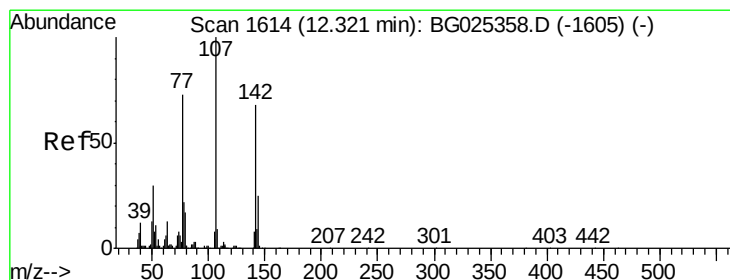
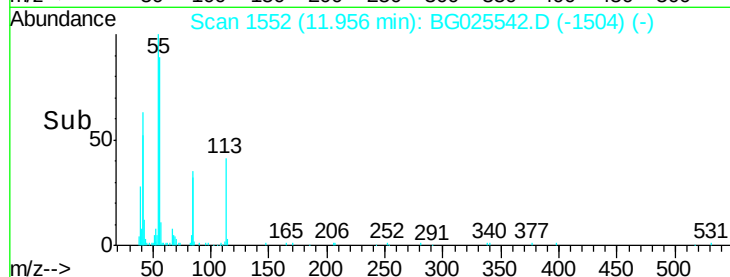
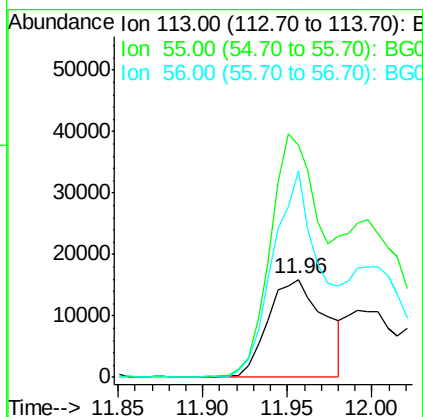
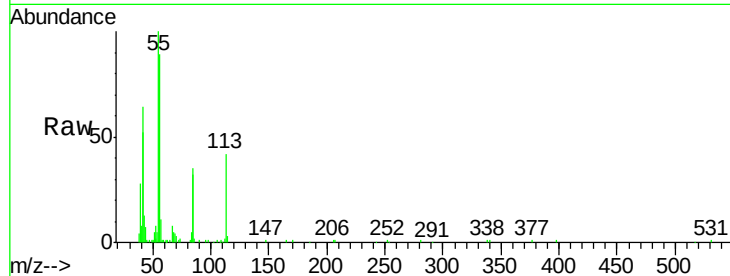




#35
 Caprolactam
 Concen: 24.54 ng
 RT: 11.96 min Scan# 1552
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

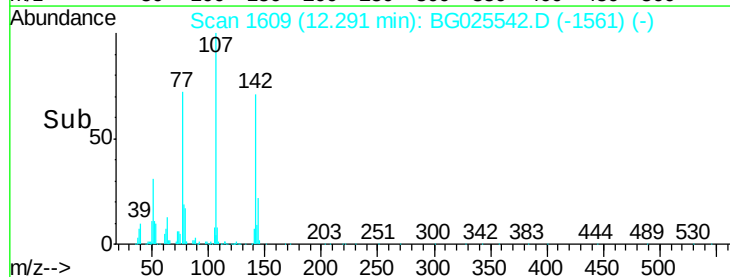
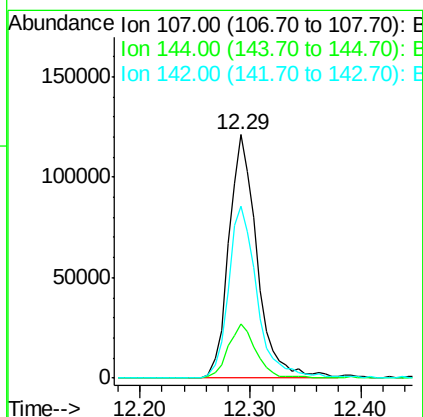
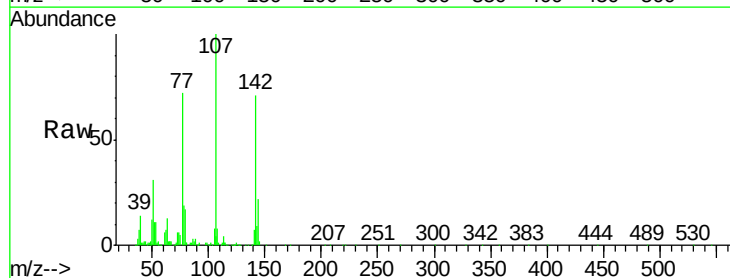
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

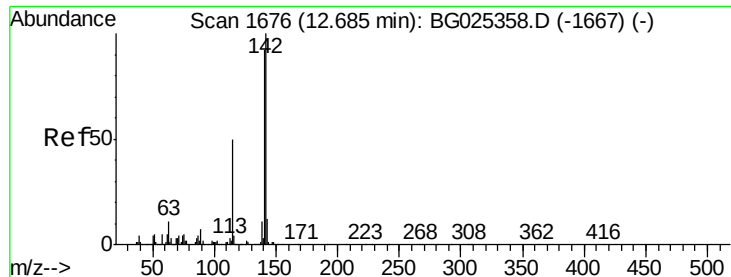
Tgt Ion:113 Resp: 37020
 Ion Ratio Lower Upper
 113 100
 55 237.2 198.6 238.6
 56 210.6 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 43.92 ng
 RT: 12.29 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion:107 Resp: 217648
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.4 26.0
 142 70.5 54.1 81.1





#37

2-Methylnaphthalene

Concen: 44.23 ng

RT: 12.65 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

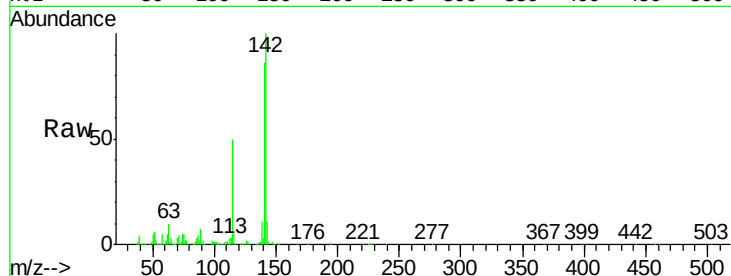
Tgt Ion:142 Resp: 393439

Ion Ratio Lower Upper

142 100

141 86.1 70.4 105.6

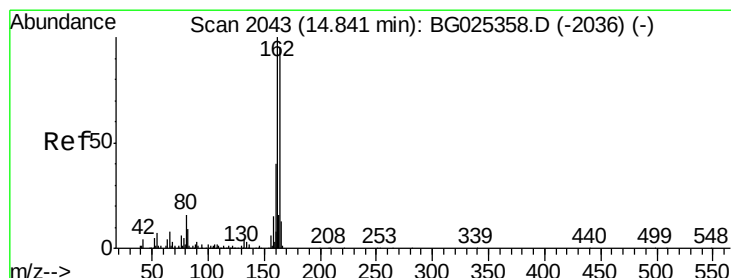
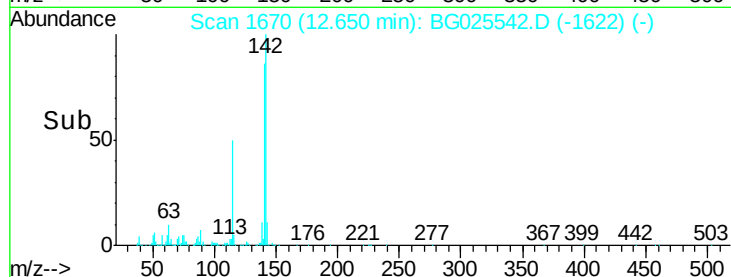
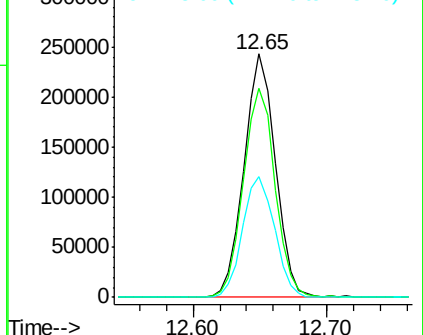
115 49.7 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

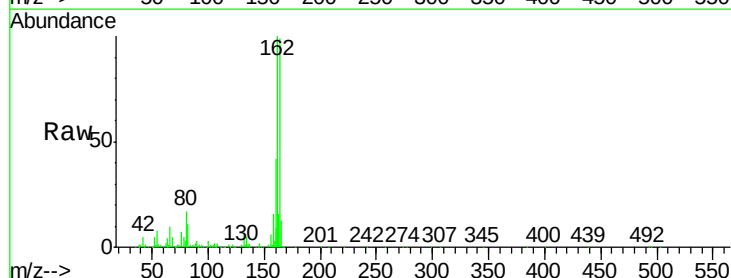
Tgt Ion:164 Resp: 198087

Ion Ratio Lower Upper

164 100

162 100.5 85.1 127.7

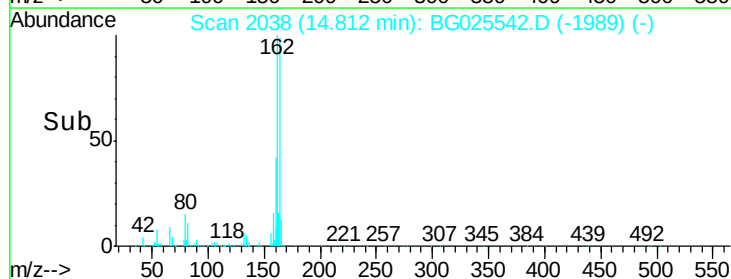
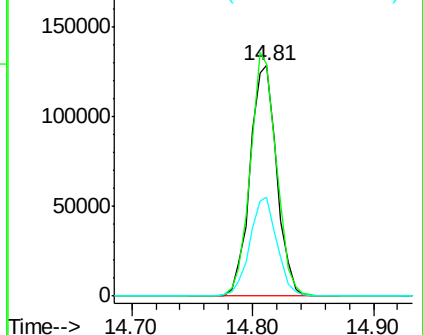
160 42.6 34.7 52.1

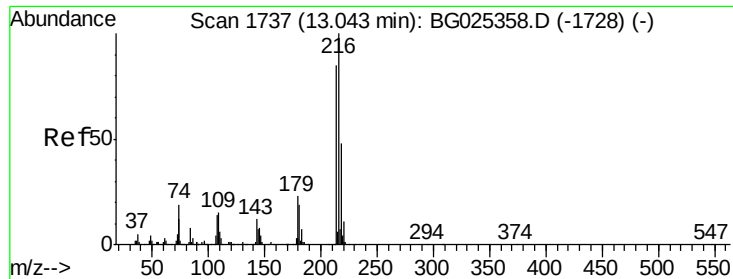


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

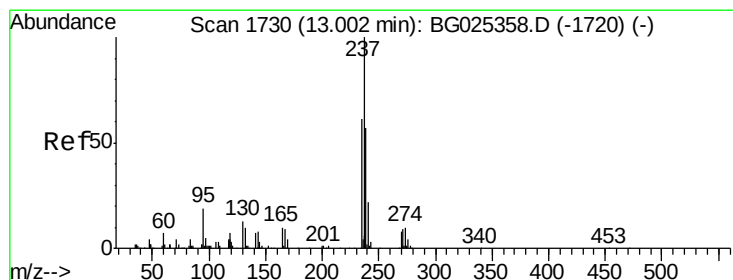
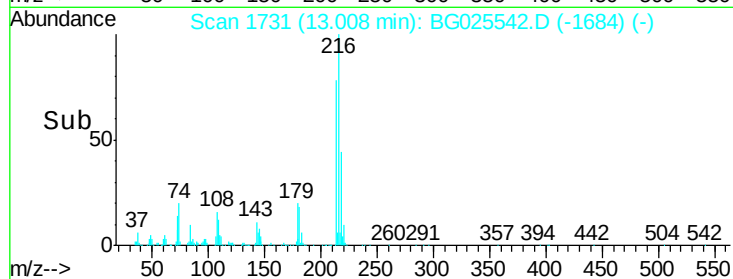
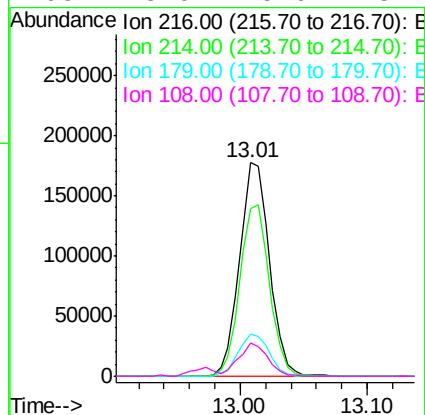
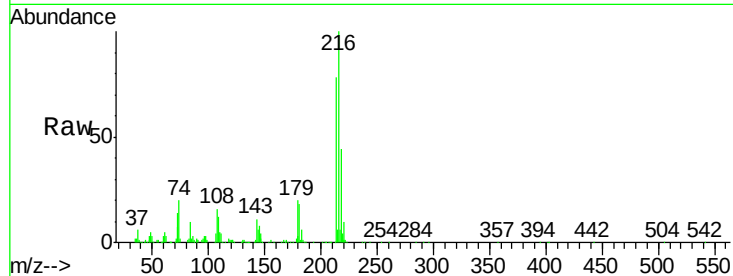




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.33 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

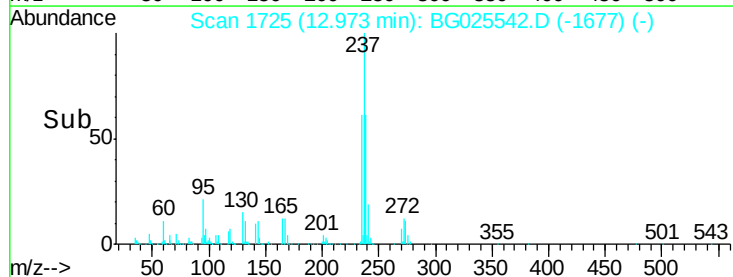
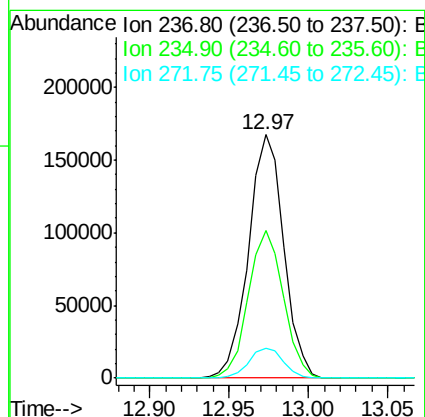
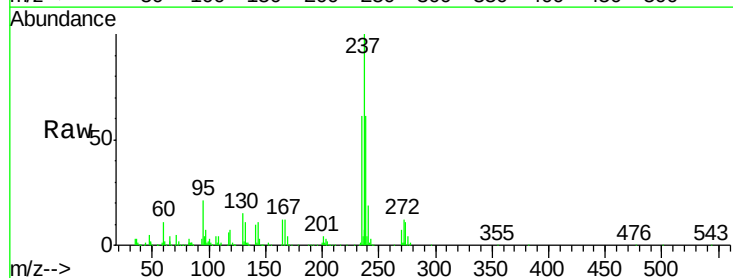
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

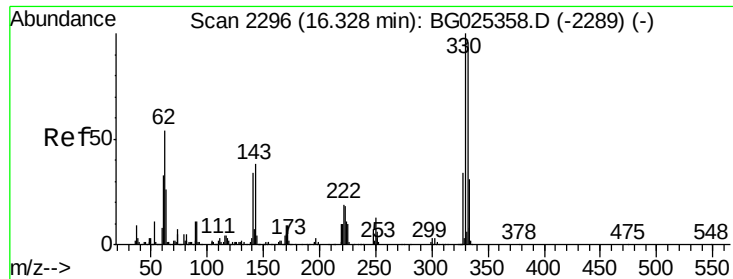
Tgt Ion:	216	Resp:	289892
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.4	96.6
179	20.3	17.4	26.0
108	15.0	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 105.02 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion:	237	Resp:	257995
Ion	Ratio	Lower	Upper
237	100		
235	60.7	39.4	79.4
272	12.1	0.0	32.0

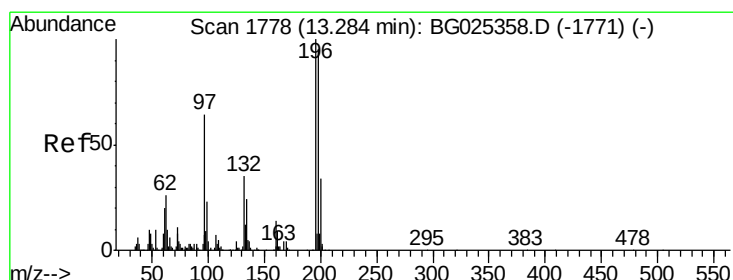
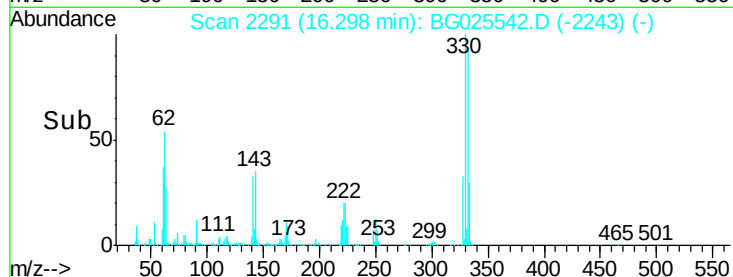
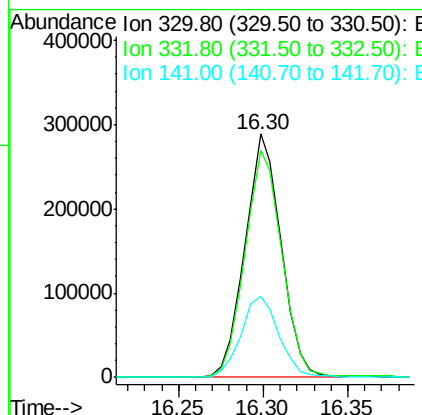
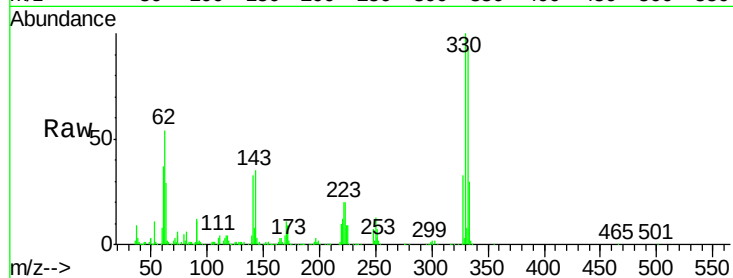




#41
 2,4,6-Tribromophenol
 Concen: 134.85 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

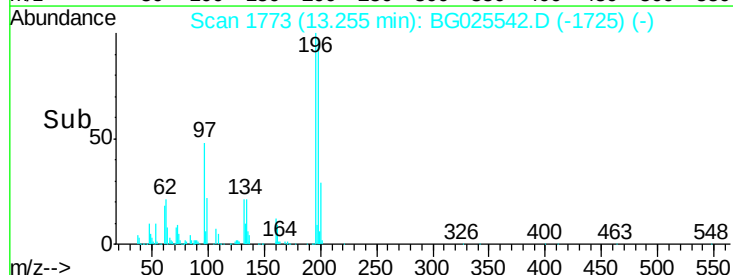
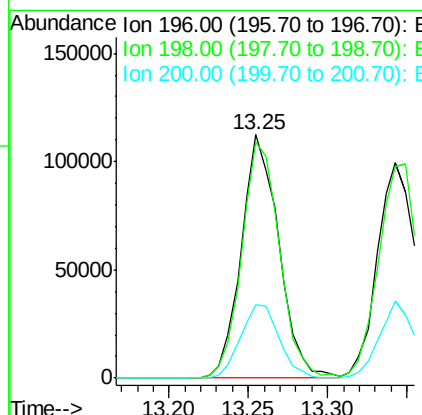
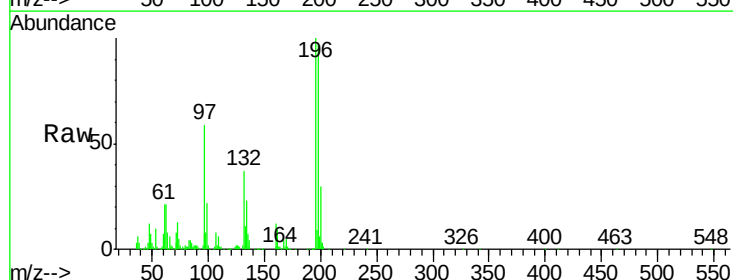
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

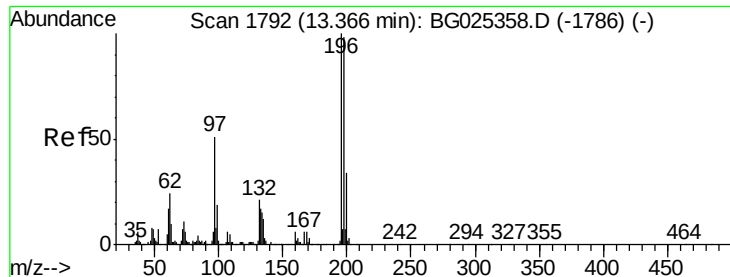
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	35.2	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 44.90 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	81.4	122.2
200	30.1	27.0	40.6

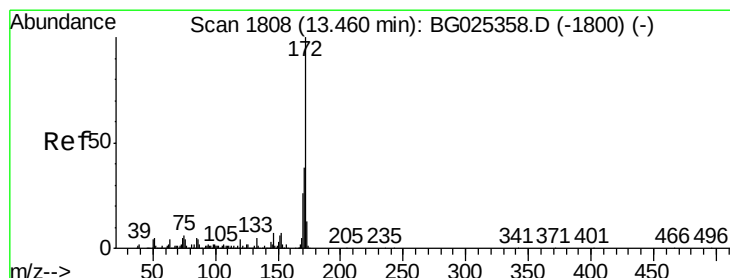
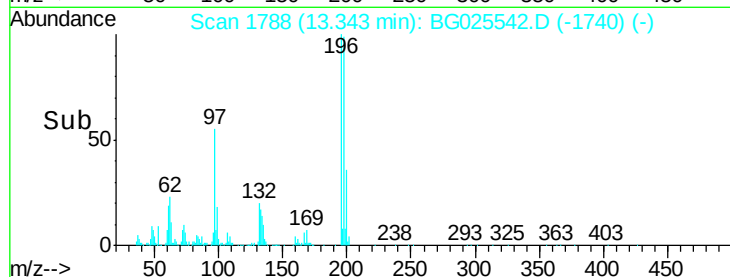
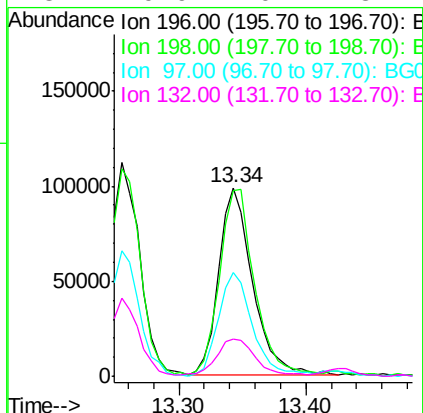
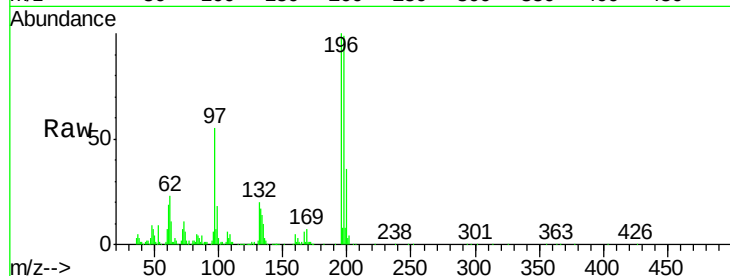




#43
2,4,5-Trichlorophenol
Concen: 42.45 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

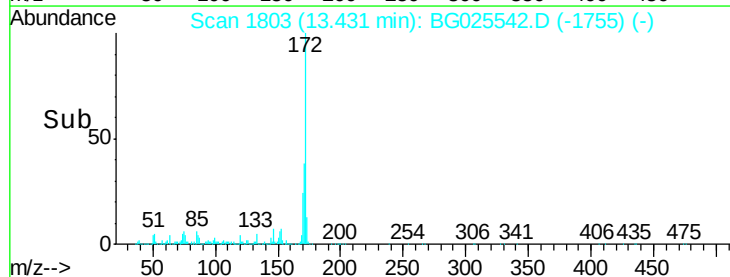
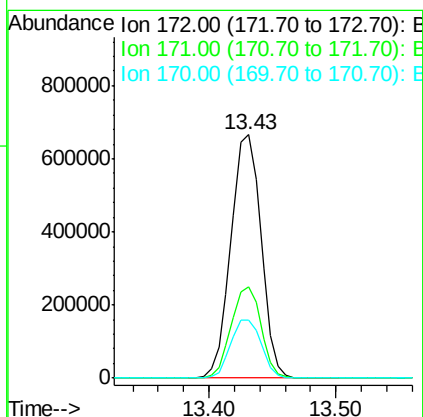
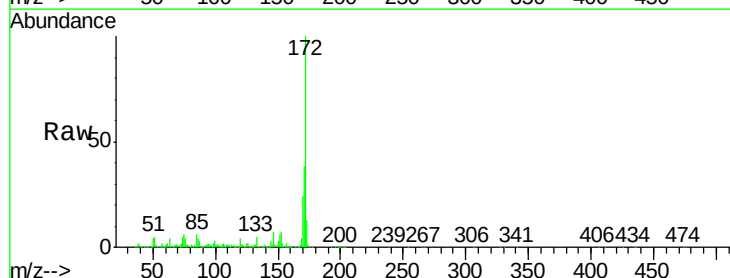
Instrument :
BNA_G
ClientSampleId :
PB96173BS

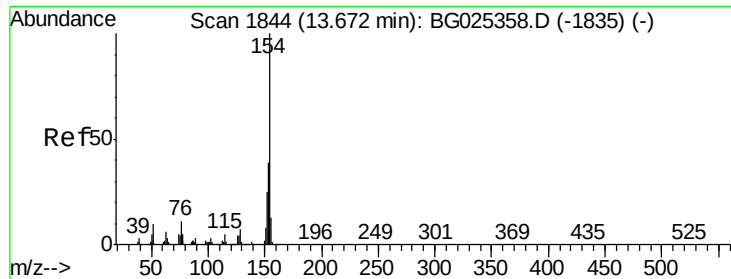
Tgt Ion:196 Resp: 182970
Ion Ratio Lower Upper
196 100
198 98.6 79.9 119.9
97 54.7 45.4 68.0
132 19.9 20.7 31.1#



#44
2-Fluorobiphenyl
Concen: 89.58 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:172 Resp: 1095986
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 23.7 21.8 32.6

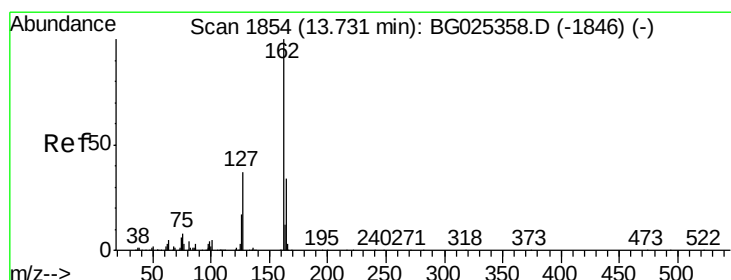
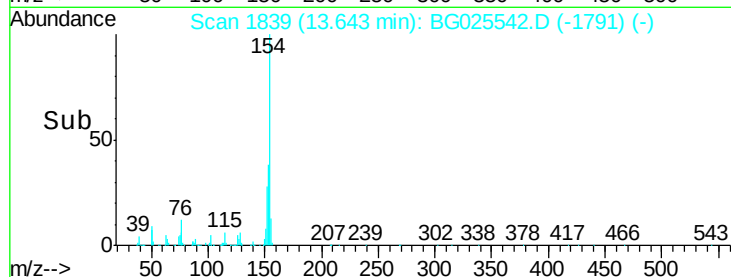
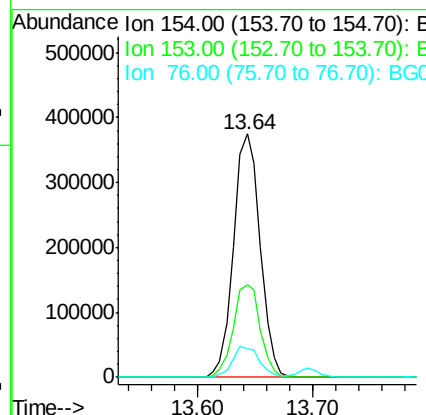
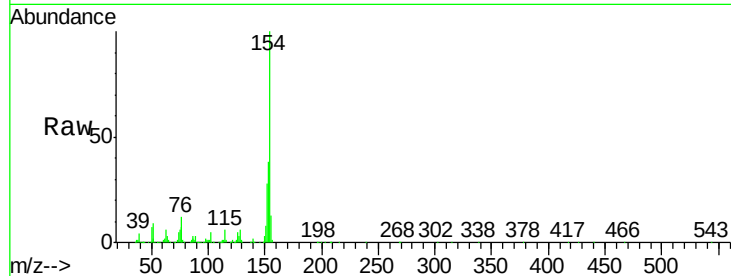




#45
 1,1'-Biphenyl
 Concen: 44.78 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

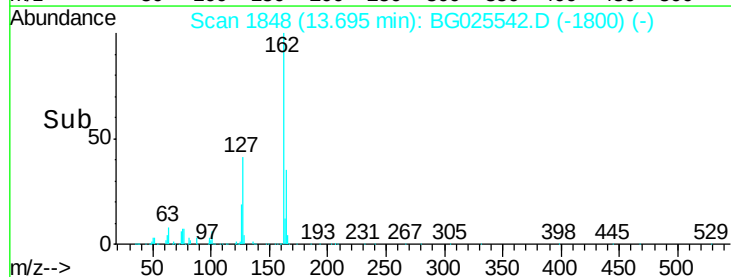
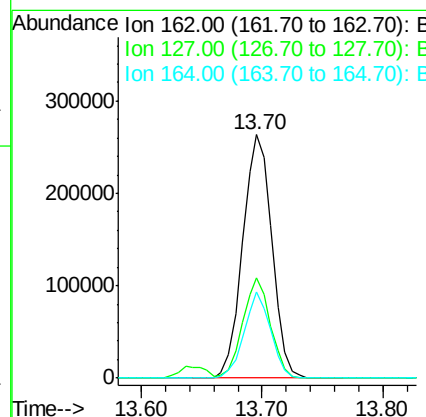
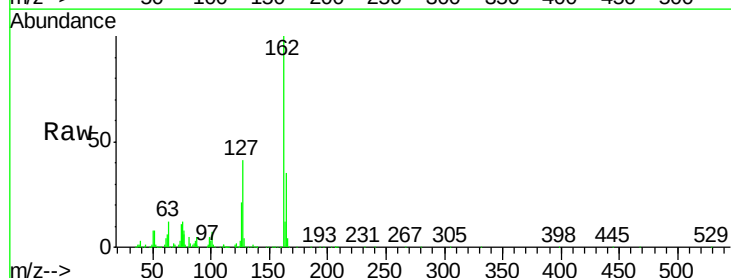
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

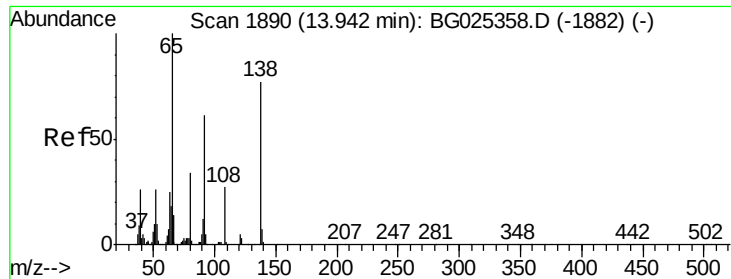
Tgt Ion:	154	Resp:	596665
Ion Ratio	Lower	Upper	
154	100		
153	38.2	23.0	63.0
76	11.6	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 42.66 ng
 RT: 13.70 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion:	162	Resp:	444088
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.2	48.4
164	35.5	27.3	40.9





#47

2-Nitroaniline

Concen: 41.44 ng

RT: 13.91 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

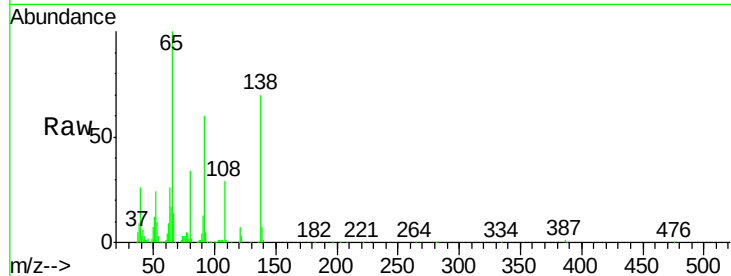
Tgt Ion: 65 Resp: 182088

Ion Ratio Lower Upper

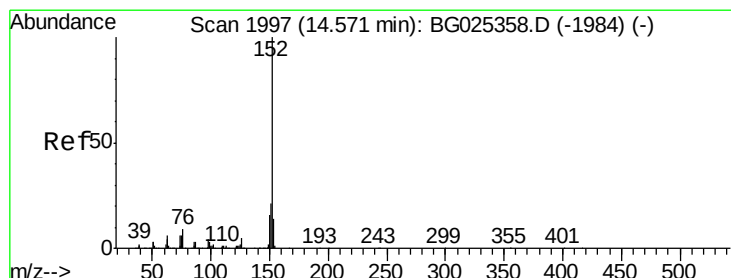
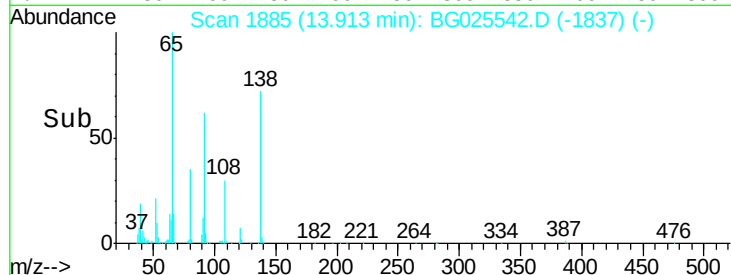
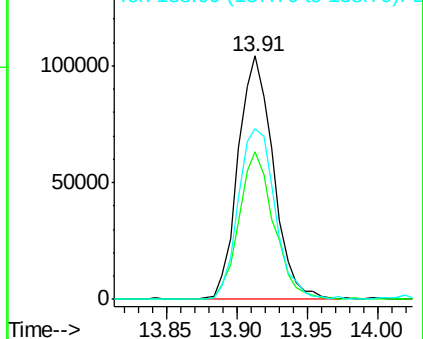
65 100

92 60.4 49.0 73.4

138 70.1 58.6 87.8



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



#48

Acenaphthylene

Concen: 42.88 ng

RT: 14.54 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

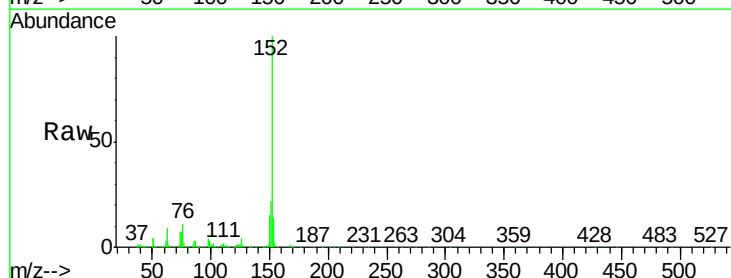
Tgt Ion: 152 Resp: 691858

Ion Ratio Lower Upper

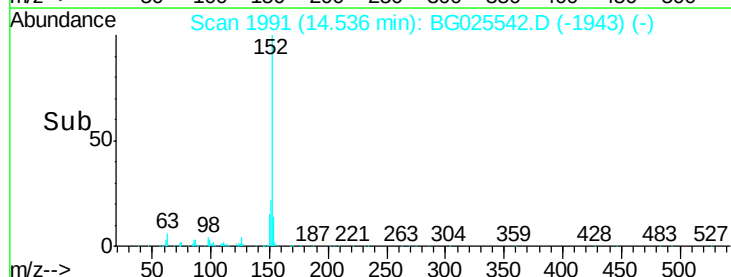
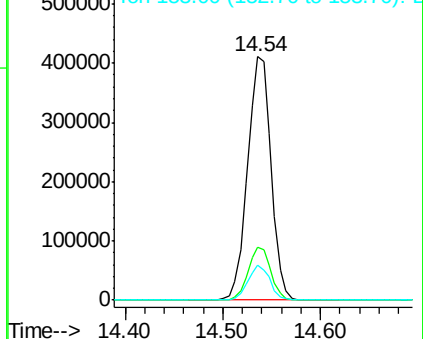
152 100

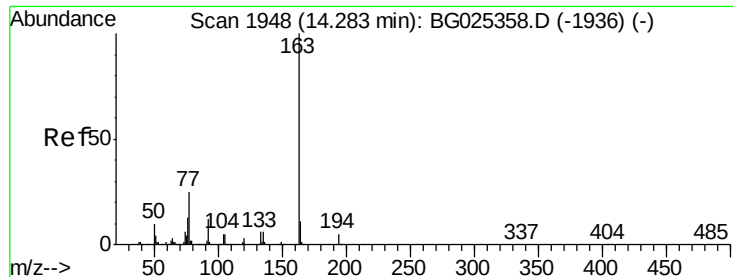
151 21.7 18.2 27.2

153 14.2 11.3 16.9



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





#49

Dimethylphthalate

Concen: 42.95 ng

RT: 14.25 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

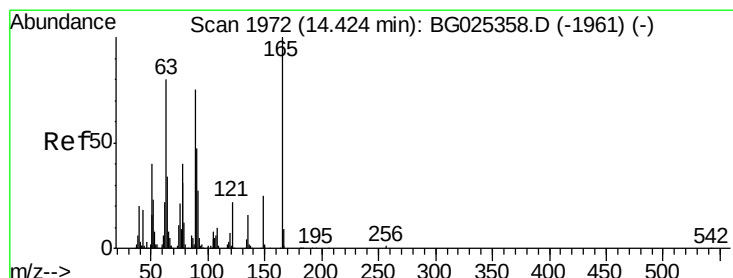
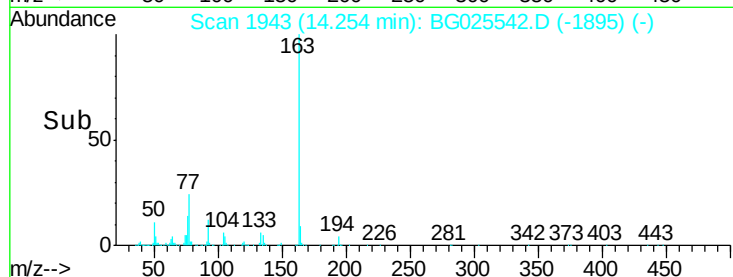
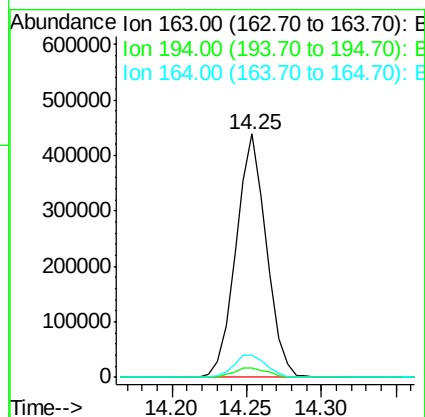
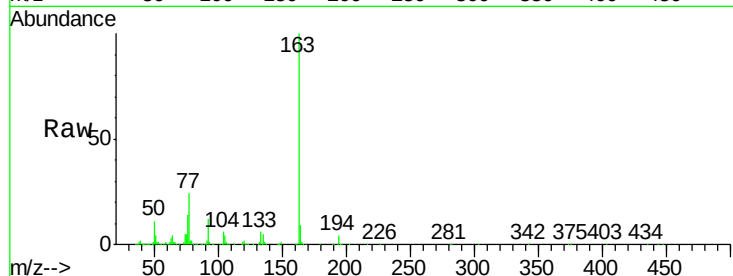
Instrument :

BNA_G

ClientSampleId :

PB96173BS

Tgt Ion:	163	Resp:	620170
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.8	5.6#
164	9.0	9.3	13.9#



#50

2,6-Dinitrotoluene

Concen: 42.29 ng

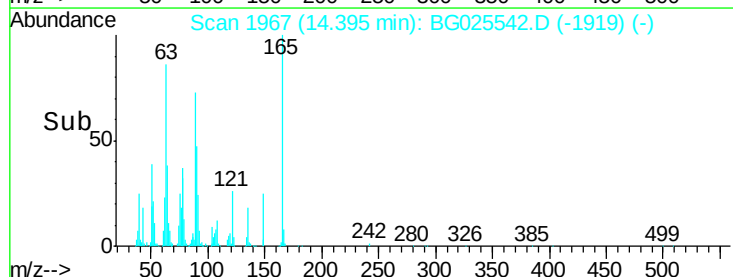
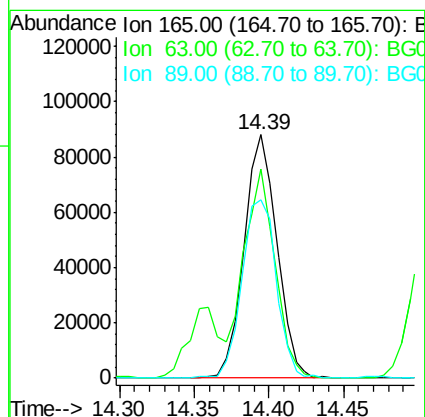
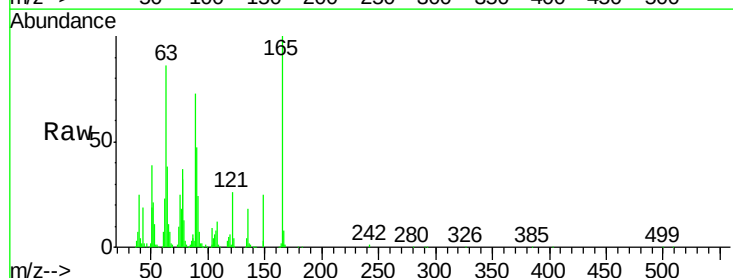
RT: 14.39 min Scan# 1967

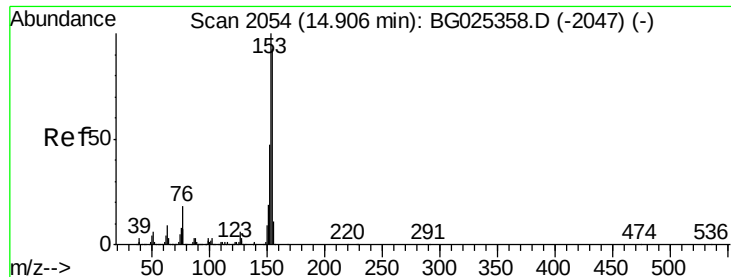
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	165	Resp:	133419
Ion	Ratio	Lower	Upper
165	100		
63	86.1	63.9	95.9
89	73.3	58.6	88.0





#51

Acenaphthene

Concen: 40.67 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

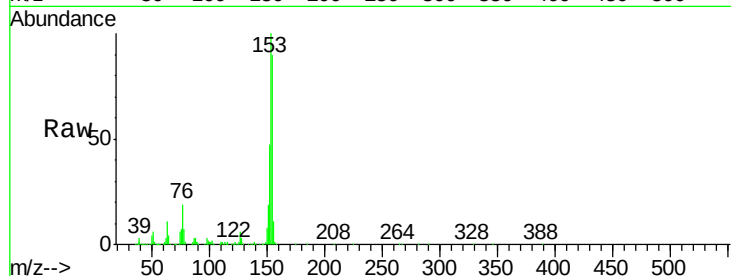
Tgt Ion:154 Resp: 429131

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

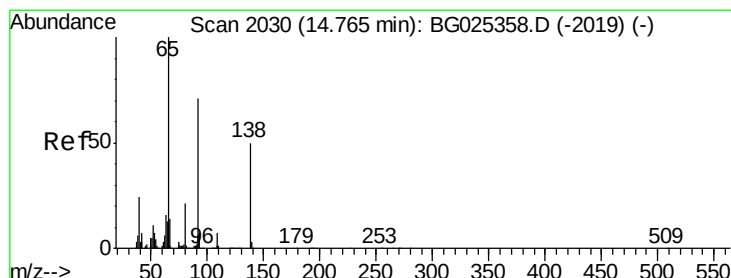
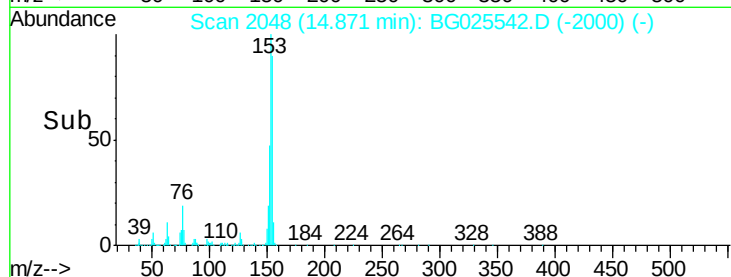
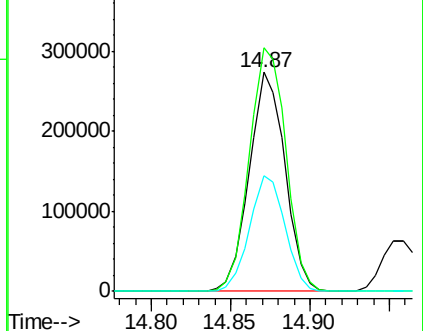
152 52.6 42.2 63.4



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: 19.14 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

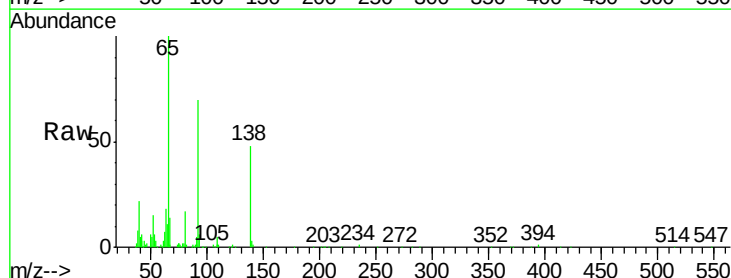
Tgt Ion:138 Resp: 58061

Ion Ratio Lower Upper

138 100

108 10.3 10.9 16.3#

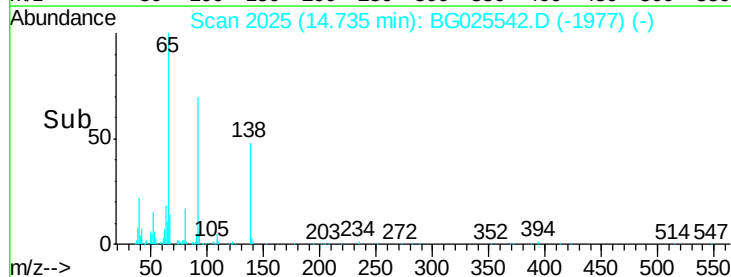
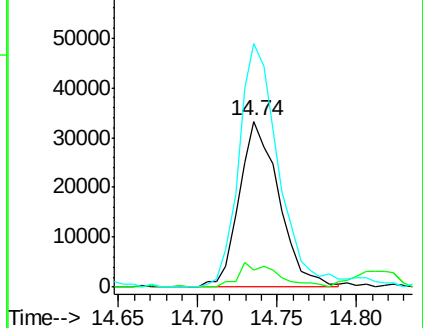
92 147.0 115.3 172.9

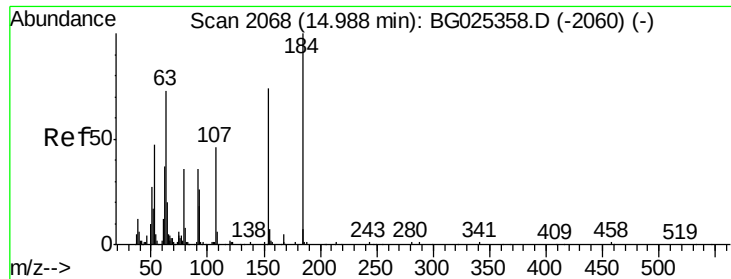


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

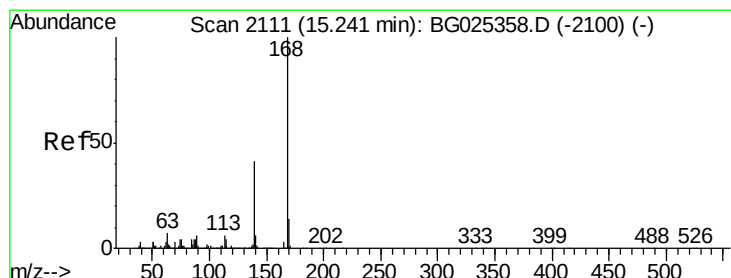
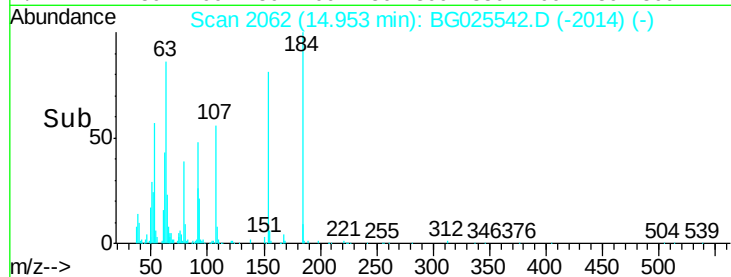
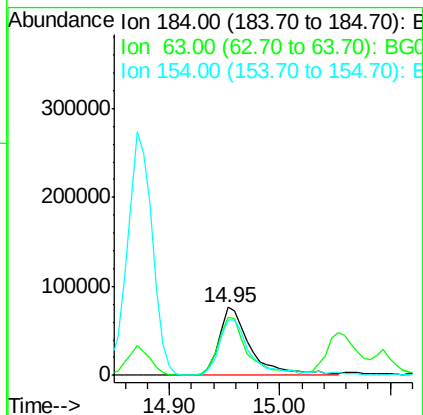
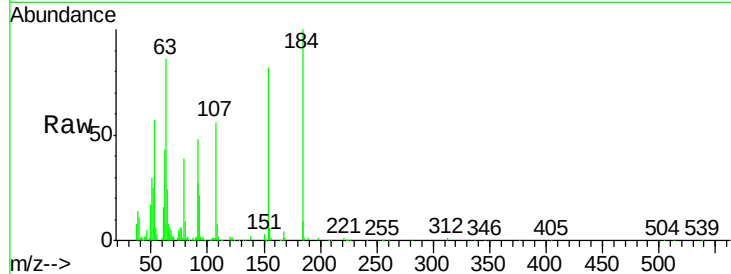




#53
2,4-Dinitrophenol
Concen: 73.76 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

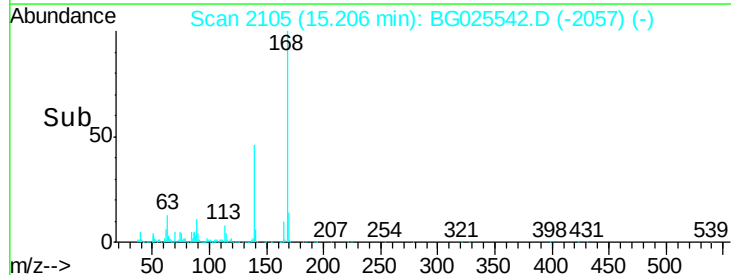
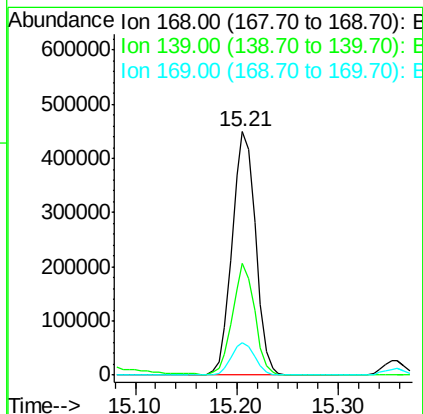
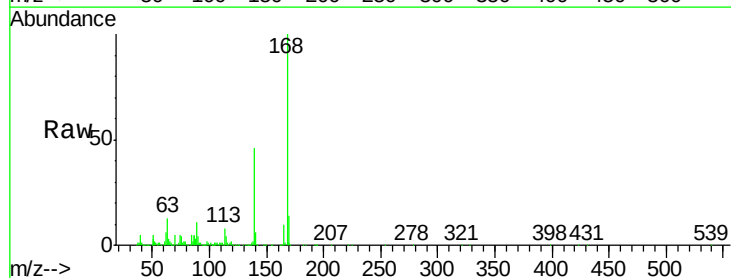
Instrument :
BNA_G
ClientSampleId :
PB96173BS

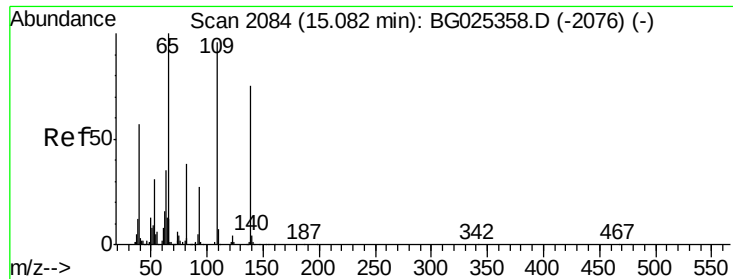
Tgt Ion:184 Resp: 151723
Ion Ratio Lower Upper
184 100
63 86.3 52.7 79.1#
154 81.8 57.3 85.9



#54
Dibenzofuran
Concen: 43.09 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:168 Resp: 718867
Ion Ratio Lower Upper
168 100
139 45.8 35.3 52.9
169 13.5 11.5 17.3

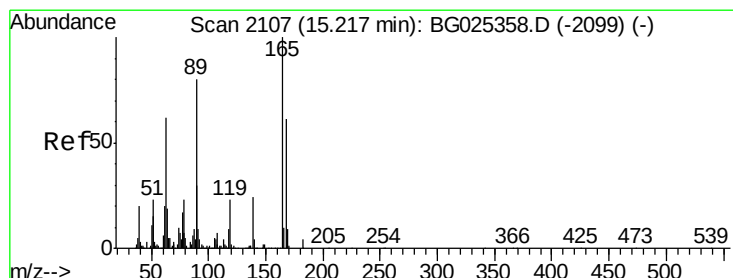
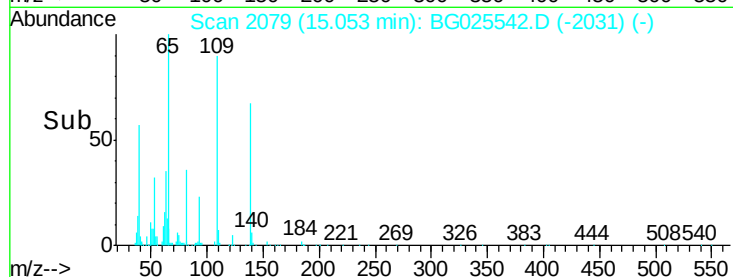
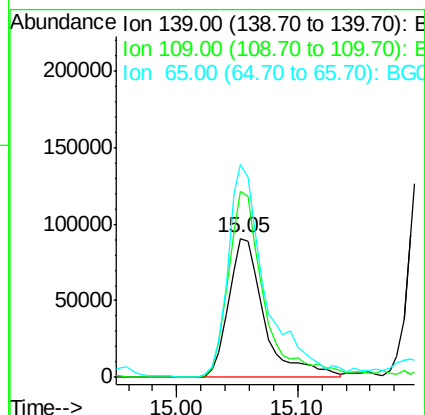
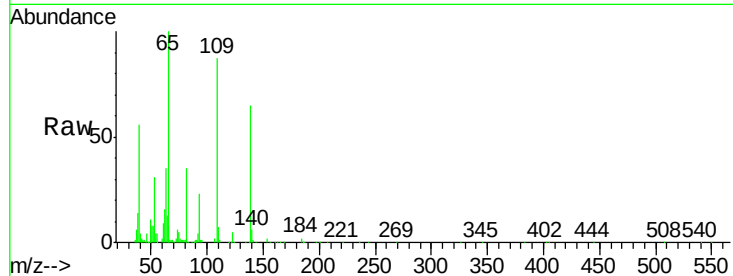




#55
4-Nitrophenol
Concen: 82.45 ng
RT: 15.05 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

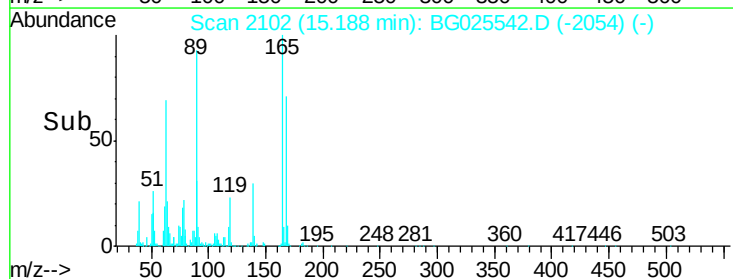
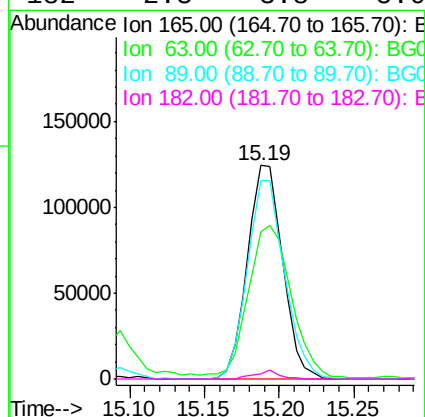
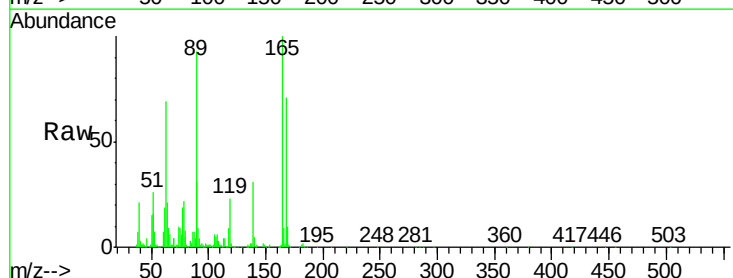
Instrument :
BNA_G
ClientSampleId :
PB96173BS

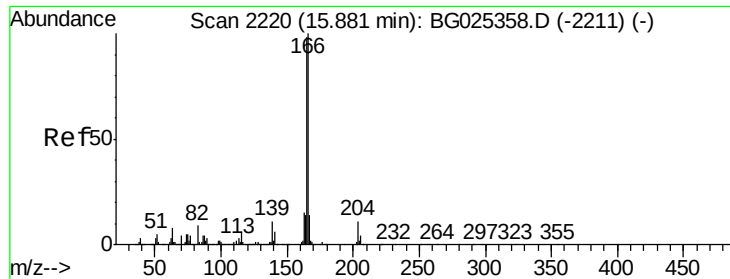
Tgt Ion:139 Resp: 186780
Ion Ratio Lower Upper
139 100
109 133.9 101.2 141.2
65 153.1 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 44.14 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:165 Resp: 202752
Ion Ratio Lower Upper
165 100
63 69.0 44.0 66.0#
89 93.1 67.3 100.9
182 2.3 3.8 5.6#





#57

Fluorene

Concen: 41.91 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

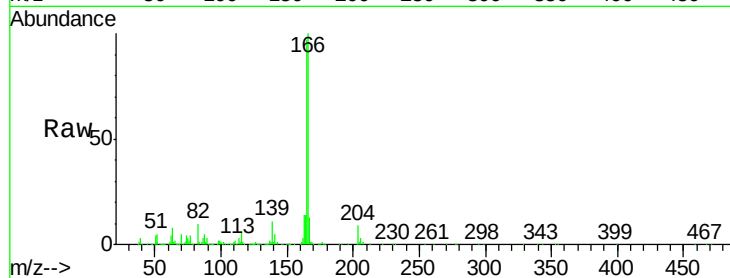
Tgt Ion:166 Resp: 585311

Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

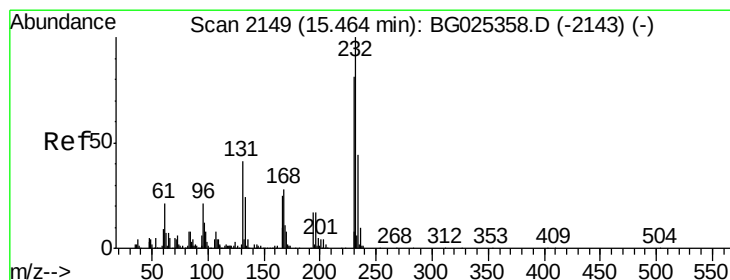
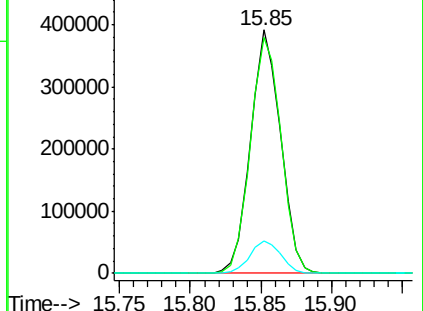
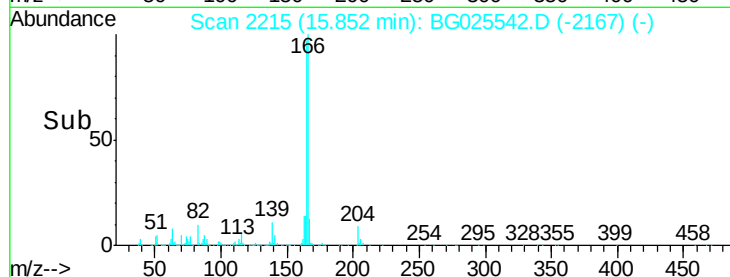
167 13.4 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.70 ng

RT: 15.43 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:232 Resp: 197165

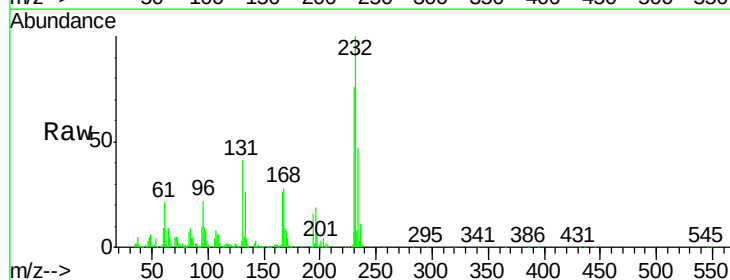
Ion Ratio Lower Upper

232 100

131 42.7 34.9 52.3

130 2.5 2.3 3.5

166 28.1 24.2 36.4

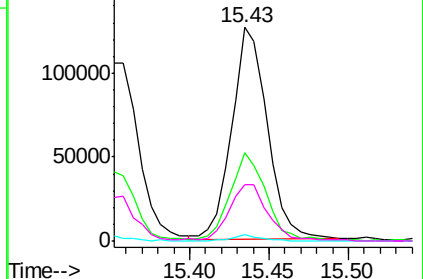
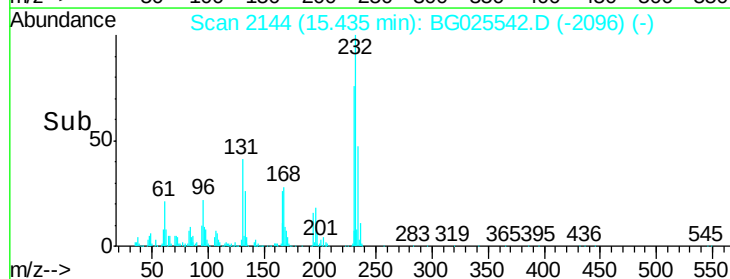


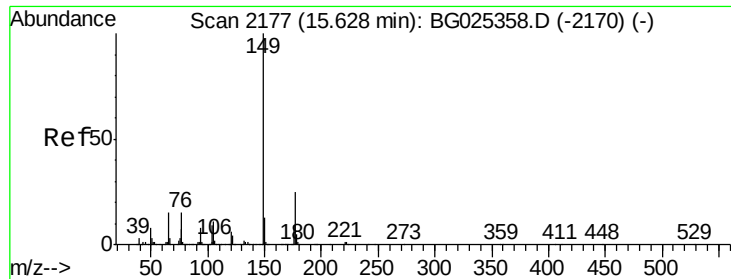
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.02 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

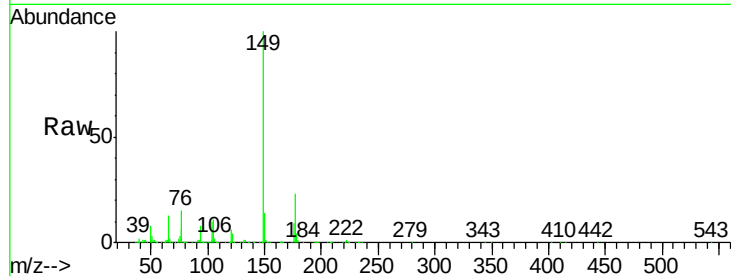
Tgt Ion:149 Resp: 651481

Ion Ratio Lower Upper

149 100

177 22.7 20.1 30.1

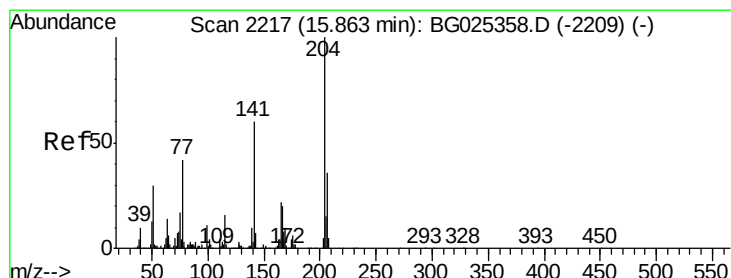
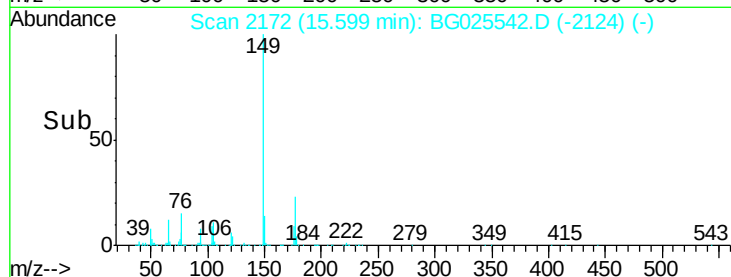
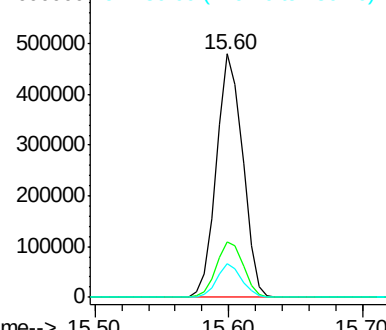
150 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.25 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

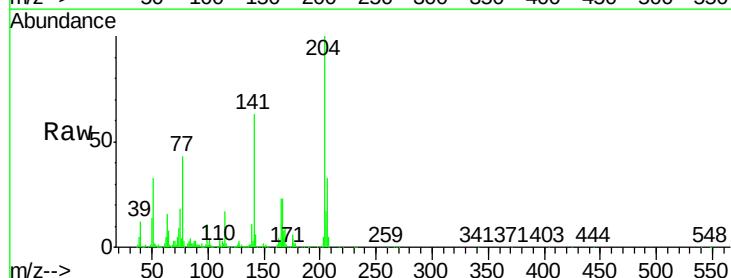
Tgt Ion:204 Resp: 342352

Ion Ratio Lower Upper

204 100

206 33.4 30.1 45.1

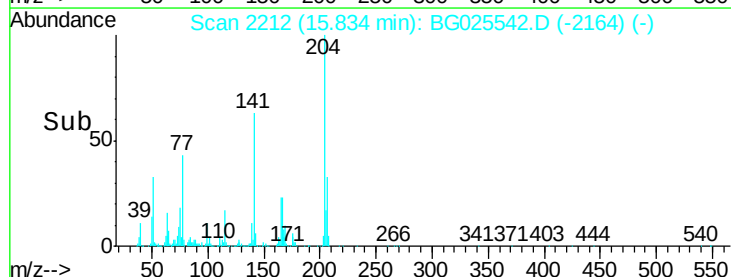
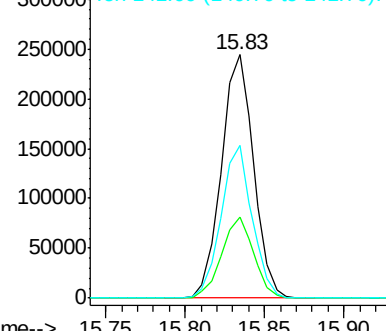
141 62.7 50.6 76.0

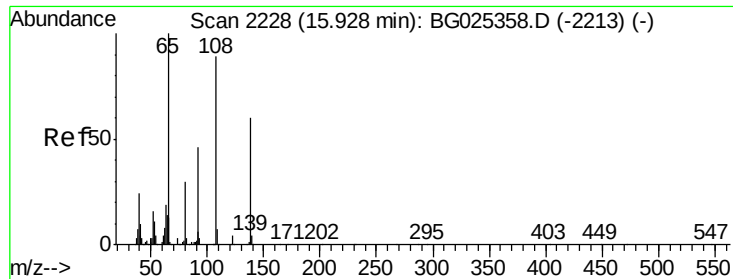


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

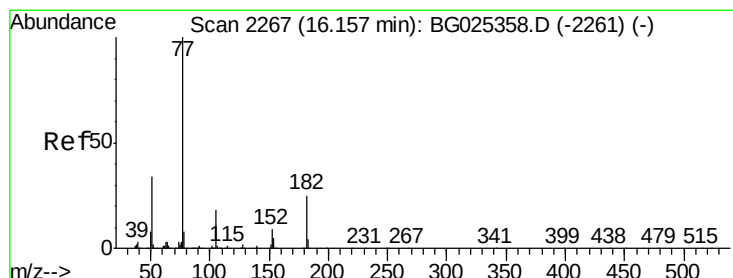
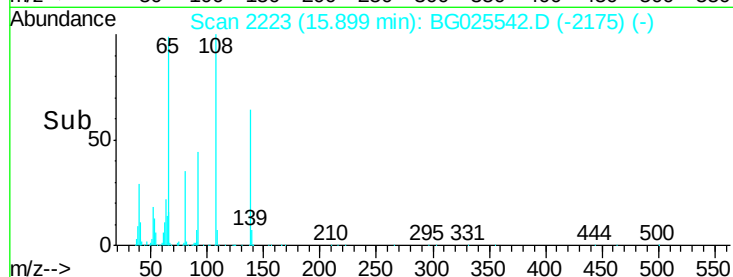
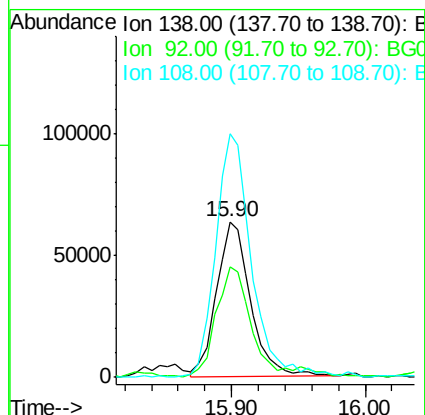
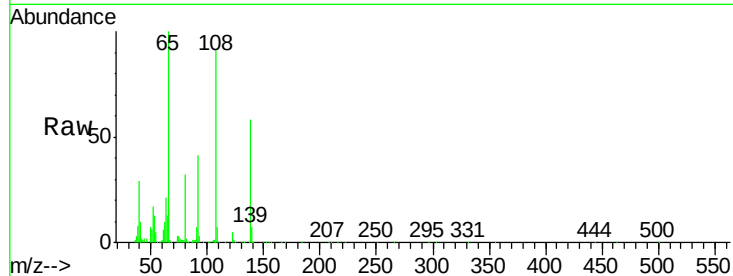




#61
4-Nitroaniline
Concen: 36.77 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

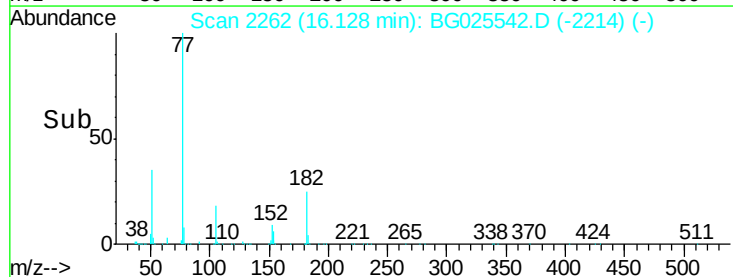
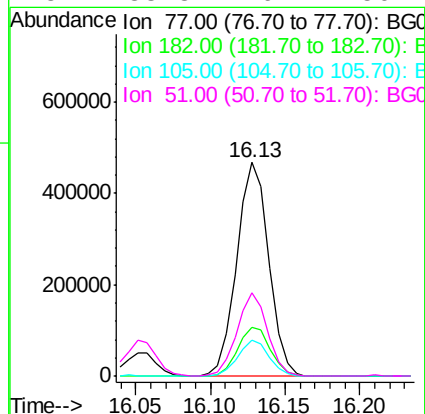
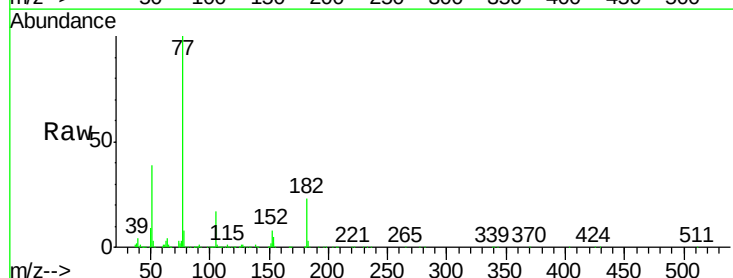
Instrument :
BNA_G
ClientSampleId :
PB96173BS

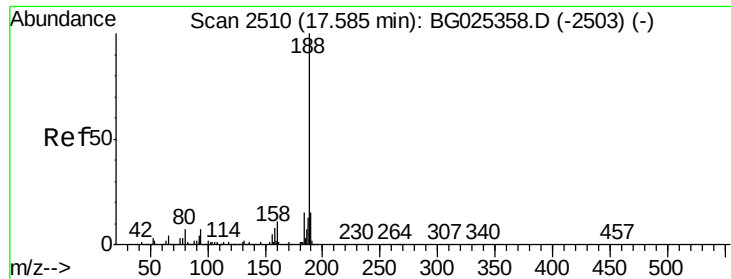
Tgt Ion: 138 Resp: 112207
Ion Ratio Lower Upper
138 100
92 71.0 44.2 84.2
108 156.7 104.8 144.8#



#62
Azobenzene
Concen: 47.66 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion: 77 Resp: 695977
Ion Ratio Lower Upper
77 100
182 22.8 4.7 44.7
105 16.8 0.0 36.3
51 38.8 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

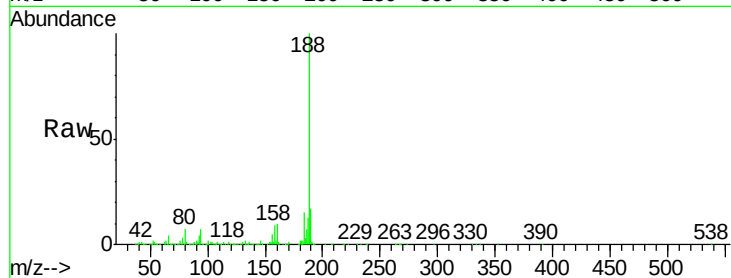
Tgt Ion:188 Resp: 467643

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

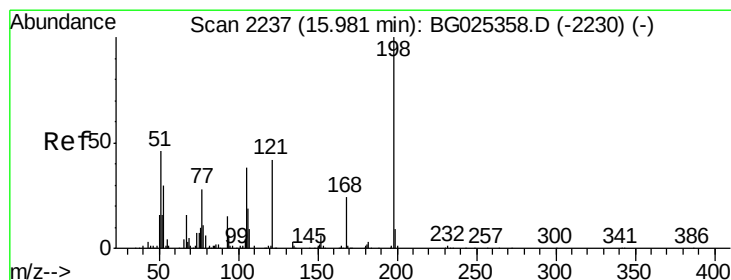
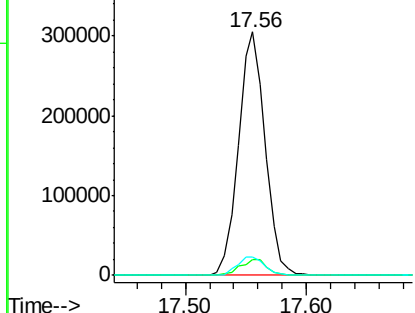
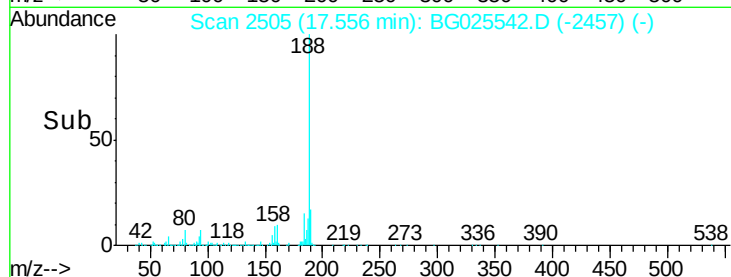
80 7.3 7.5 11.3#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 42.26 ng

RT: 15.95 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

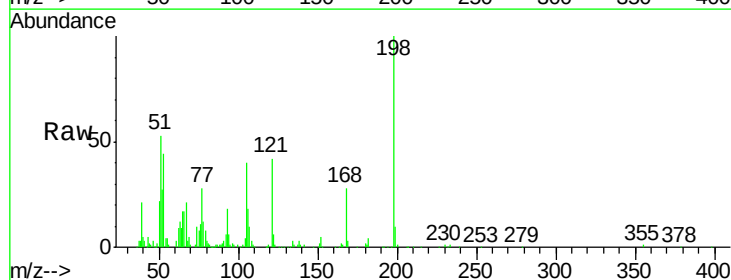
Tgt Ion:198 Resp: 136872

Ion Ratio Lower Upper

198 100

51 53.1 22.6 62.6

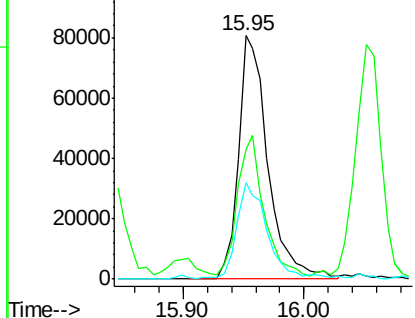
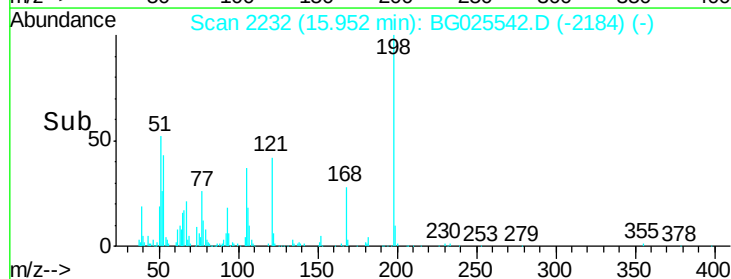
105 39.5 14.4 54.4

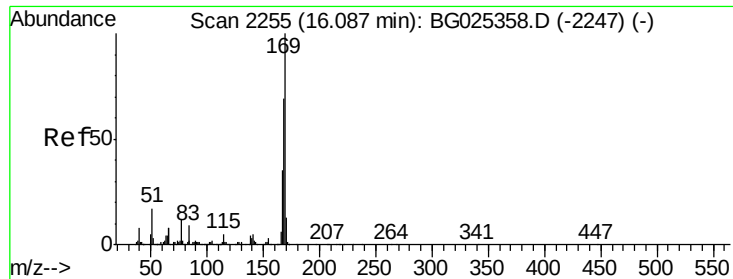


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.02 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

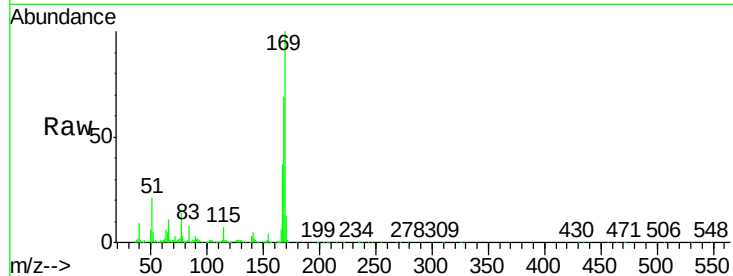
Tgt Ion:169 Resp: 556371

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

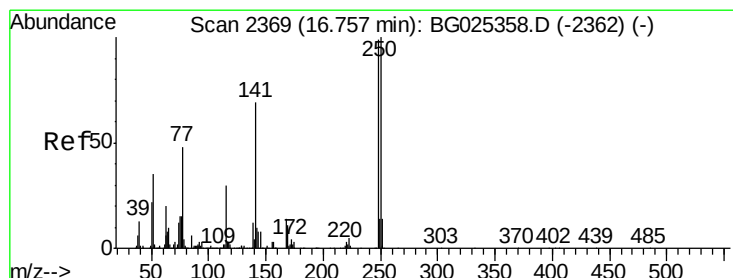
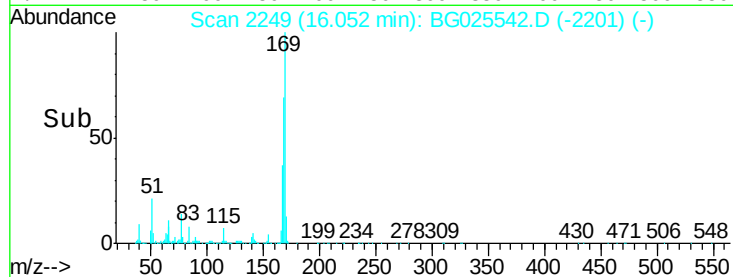
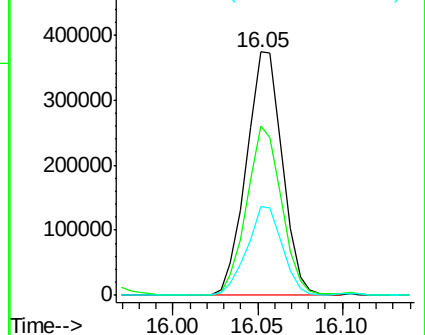
167 36.7 29.8 44.6



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: 42.14 ng

RT: 16.73 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

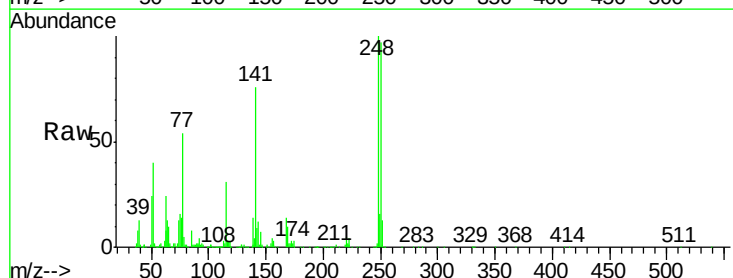
Tgt Ion:248 Resp: 243149

Ion Ratio Lower Upper

248 100

250 96.9 75.0 112.6

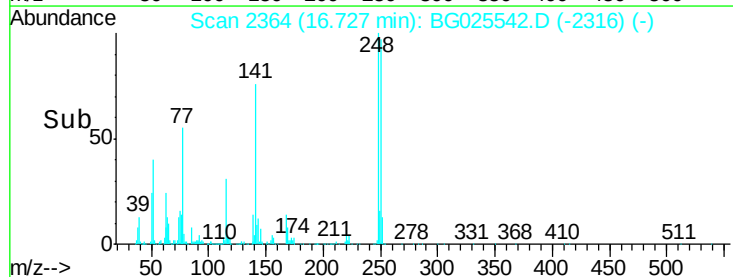
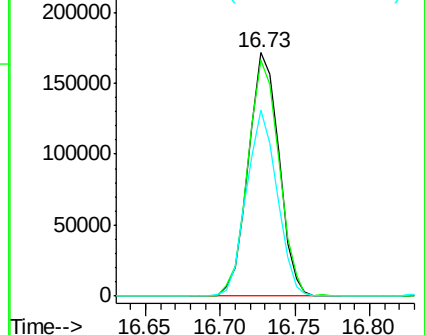
141 76.2 55.2 82.8

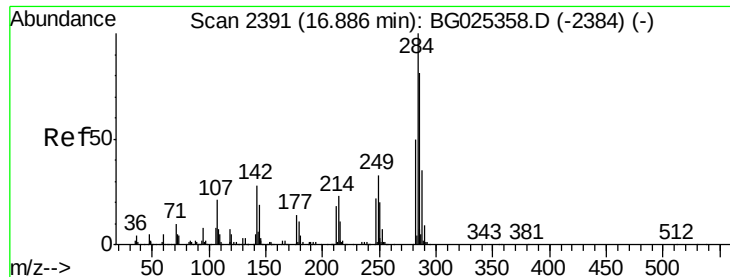


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

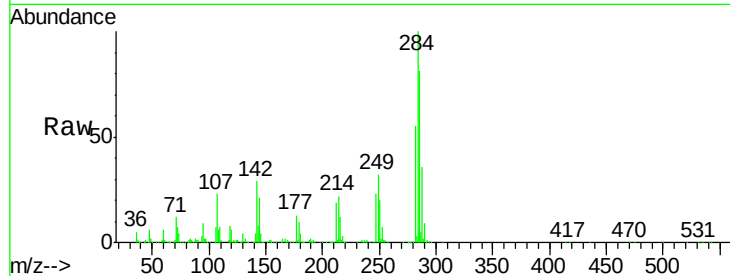




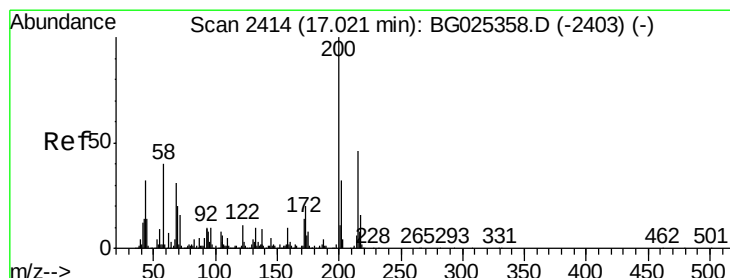
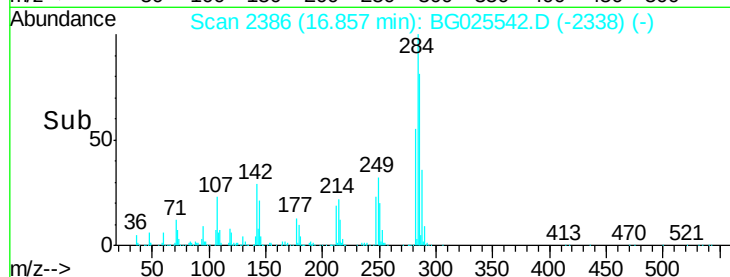
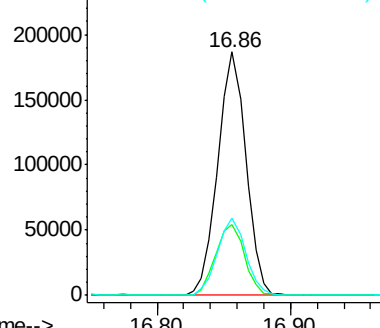
#67
Hexachlorobenzene
Concen: 41.08 ng
RT: 16.86 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	29.9	44.9#
249	31.6	29.2	43.8

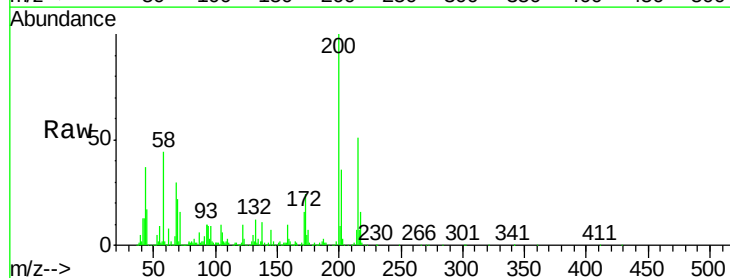


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

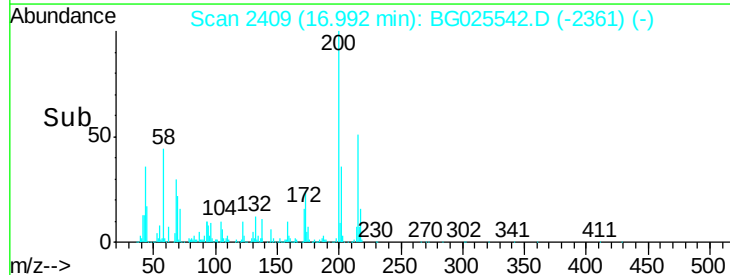
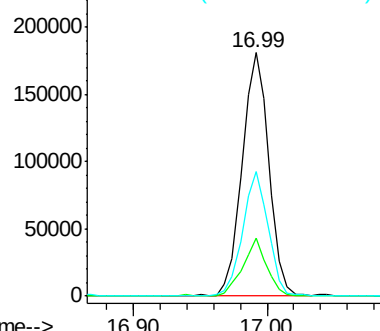


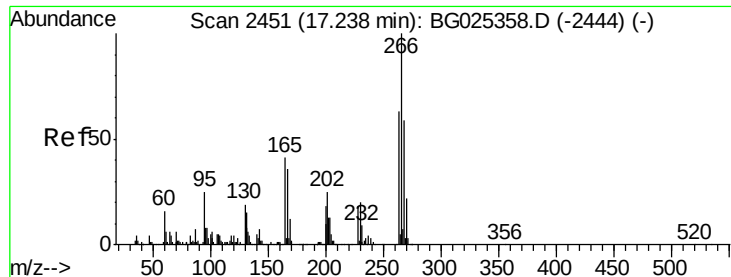
#68
Atrazine
Concen: 45.47 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	3.0	43.0
215	51.3	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 78.54 ng

RT: 17.21 min Scan# 2446

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

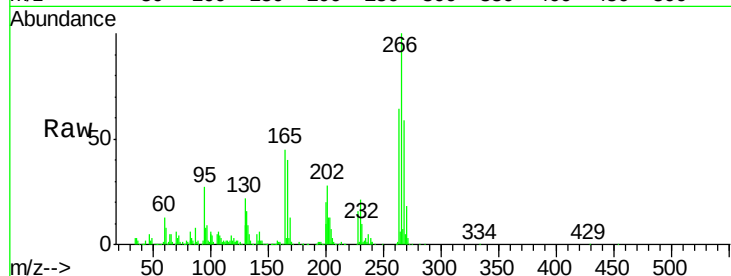
Tgt Ion:266 Resp: 269557

Ion Ratio Lower Upper

266 100

268 58.5 48.6 72.8

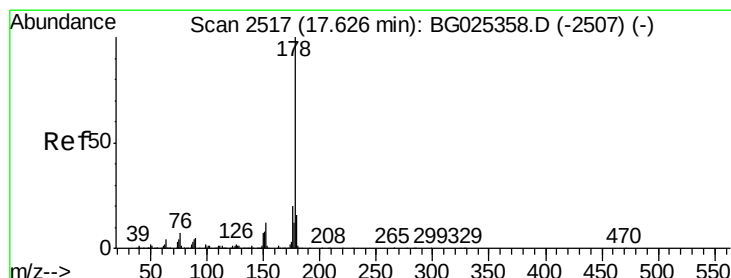
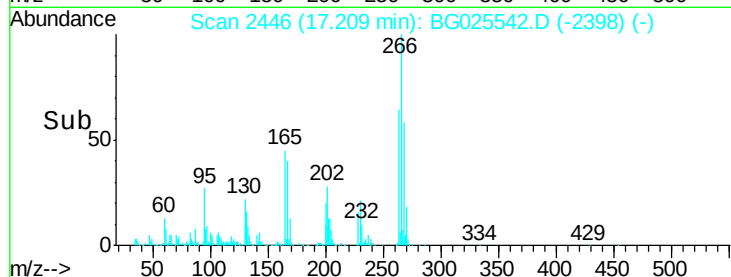
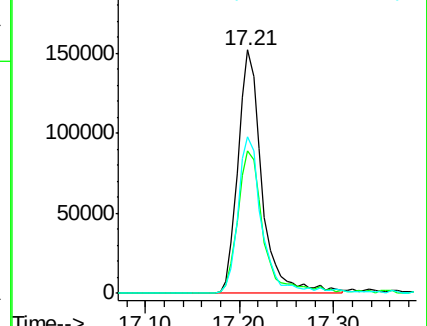
264 64.2 50.1 75.1



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: 42.97 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

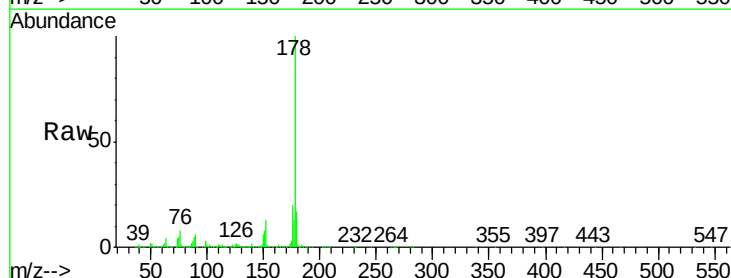
Tgt Ion:178 Resp: 1035443

Ion Ratio Lower Upper

178 100

176 19.7 17.7 26.5

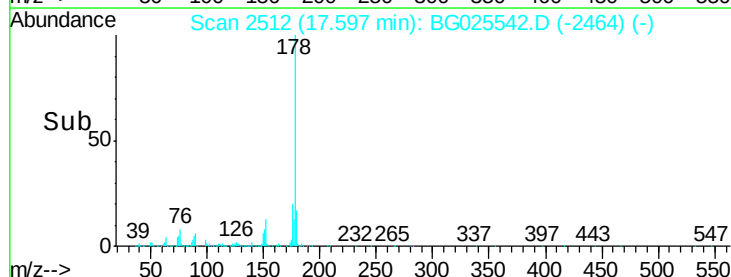
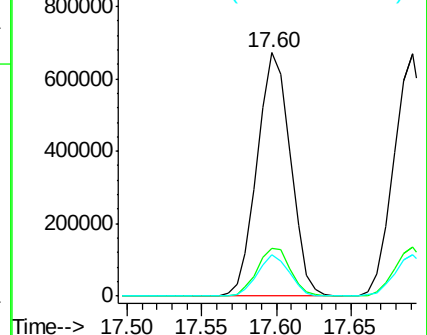
179 16.8 15.0 22.6

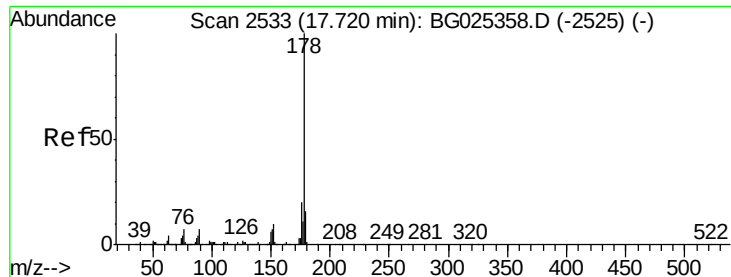


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

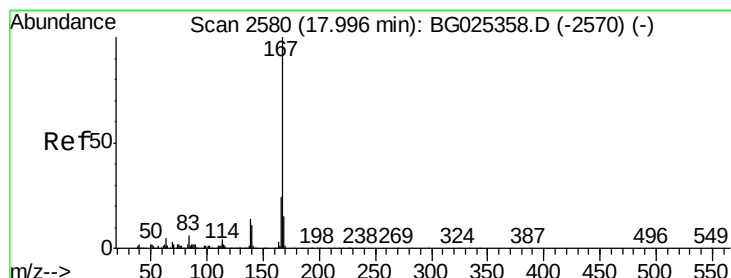
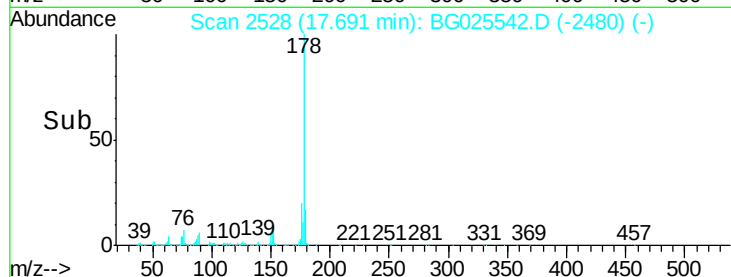
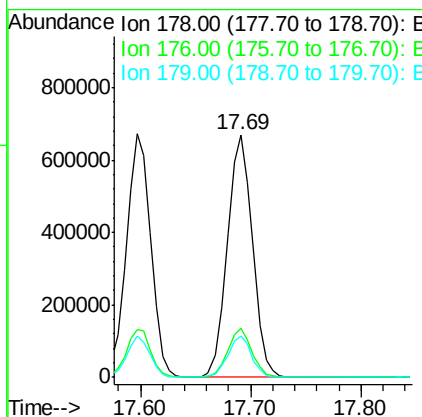
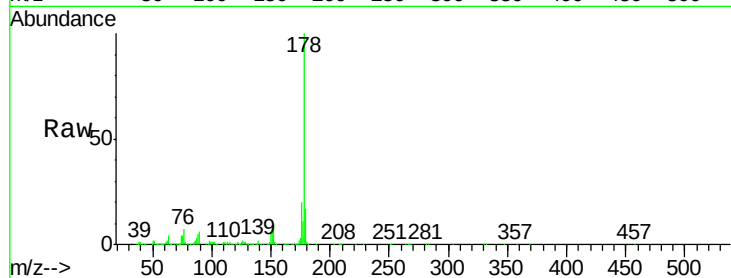




#71
 Anthracene
 Concen: 43.48 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

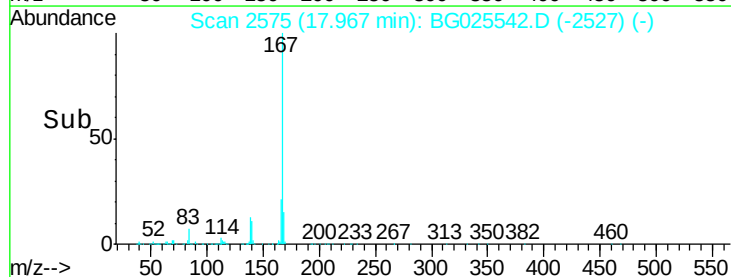
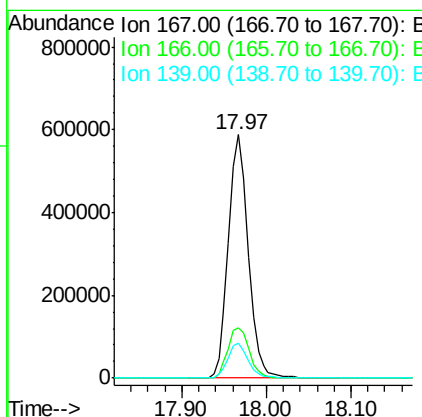
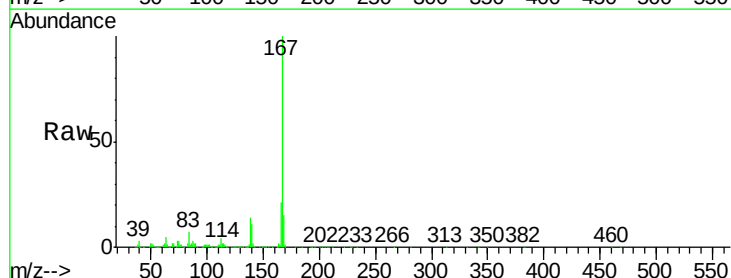
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

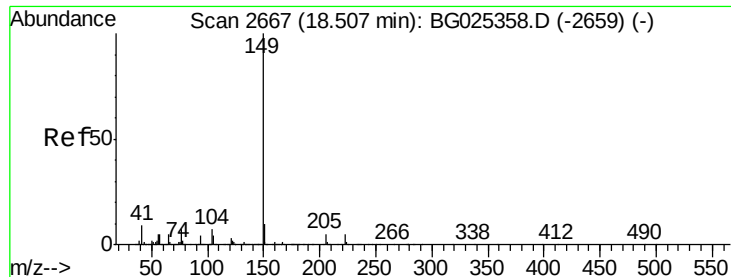
Tgt Ion:178 Resp: 1064710
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.4 24.6
 179 17.0 13.8 20.8



#72
 Carbazole
 Concen: 43.59 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion:167 Resp: 954790
 Ion Ratio Lower Upper
 167 100
 166 20.9 20.2 30.2
 139 14.2 12.8 19.2





#73

Di-n-butylphthalate

Concen: 43.53 ng

RT: 18.48 min Scan# 2662

Delta R.T. -0.01 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

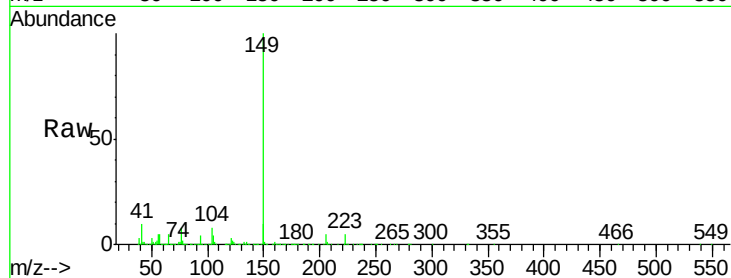
Tgt Ion:149 Resp: 1173096

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

104 7.8 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

1200000

1000000

800000

600000

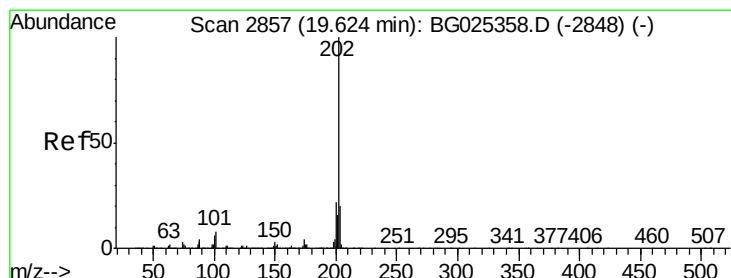
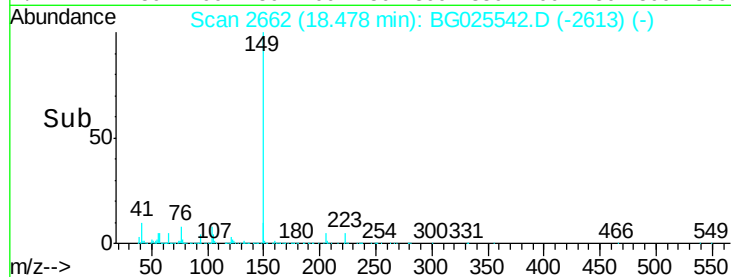
400000

200000

0

18.40 18.50 18.60

Time-->



#74

Fluoranthene

Concen: 43.91 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

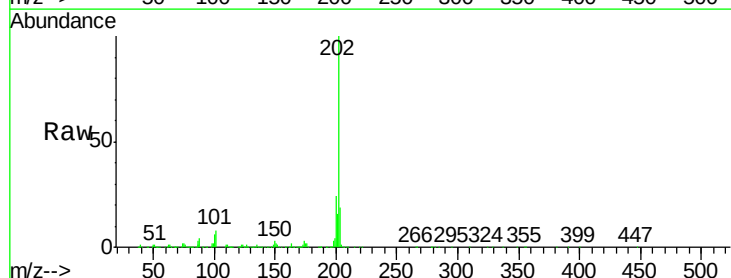
Tgt Ion:202 Resp: 1397753

Ion Ratio Lower Upper

202 100

101 7.8 0.0 30.1

203 18.6 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

1200000

1000000

800000

600000

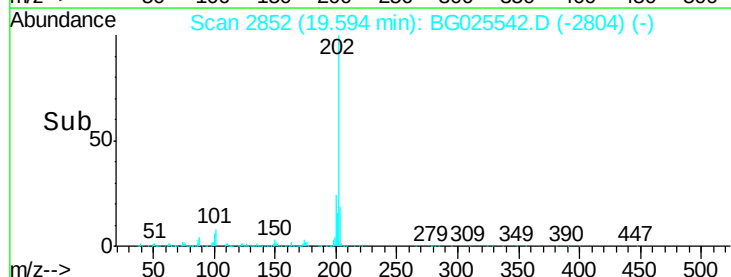
400000

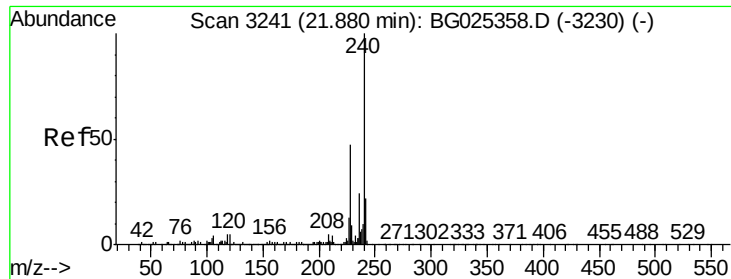
200000

0

19.50 19.60 19.70

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

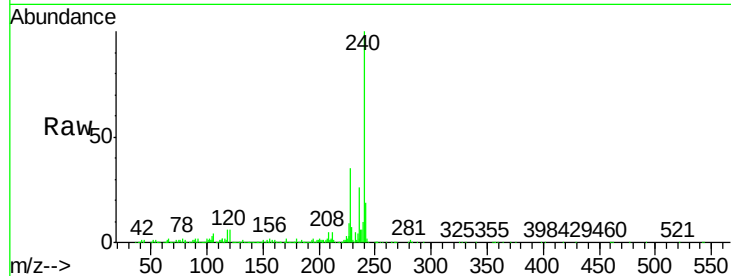
Tgt Ion:240 Resp: 662106

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

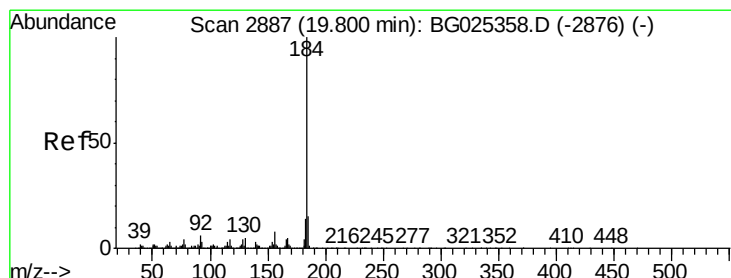
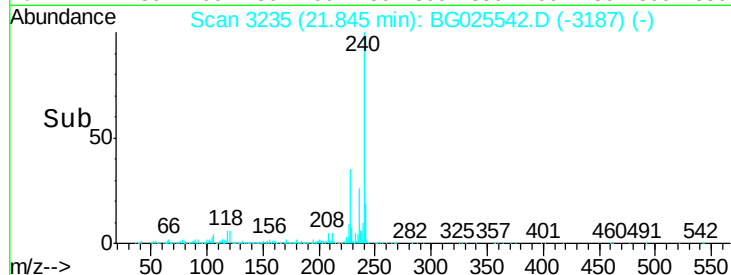
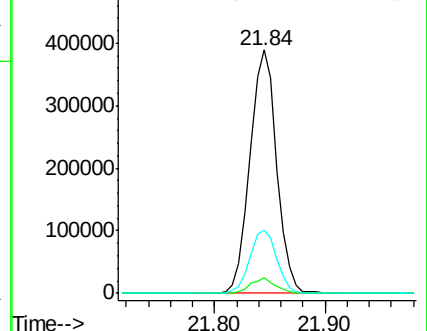
236 26.2 22.2 33.4



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: 34.05 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

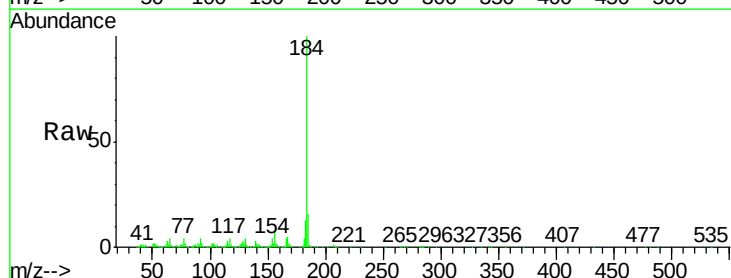
Tgt Ion:184 Resp: 562419

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

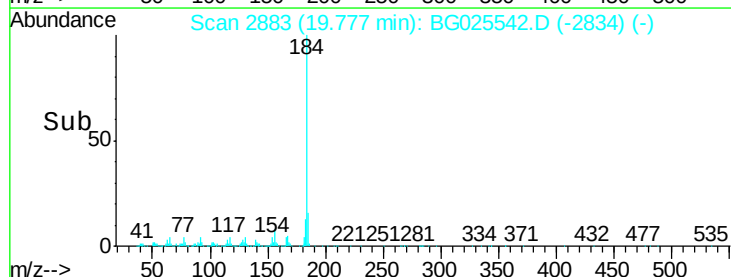
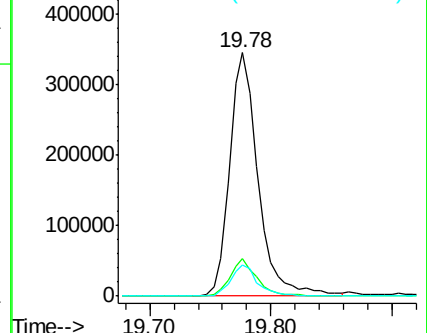
183 12.9 11.0 16.6

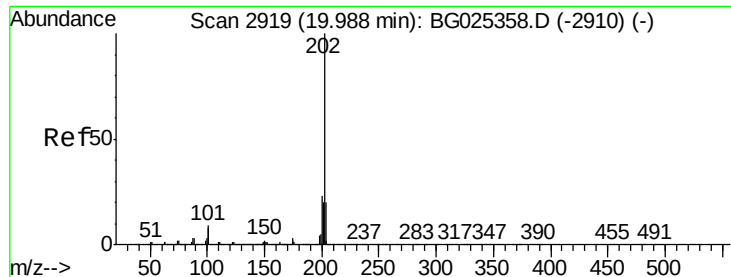


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.40 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

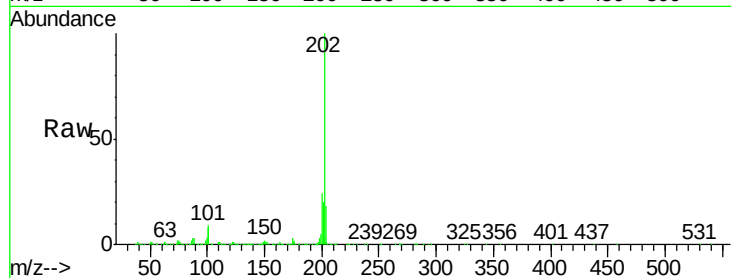
Tgt Ion:202 Resp: 1432453

Ion Ratio Lower Upper

202 100

200 23.8 19.6 29.4

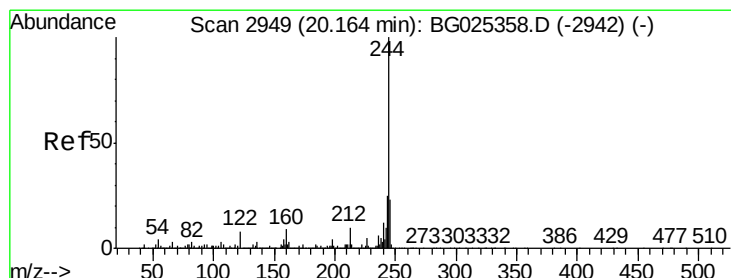
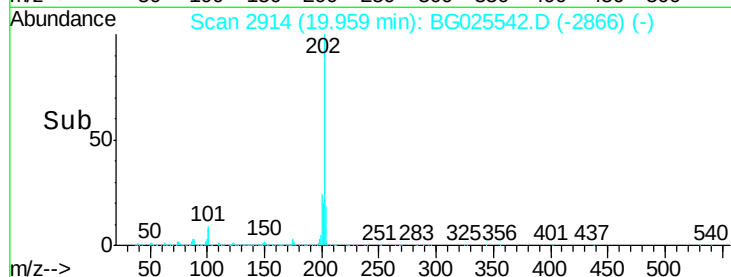
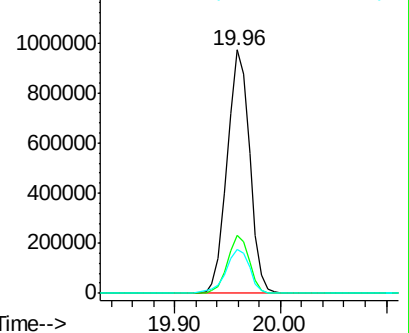
203 18.1 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.65 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

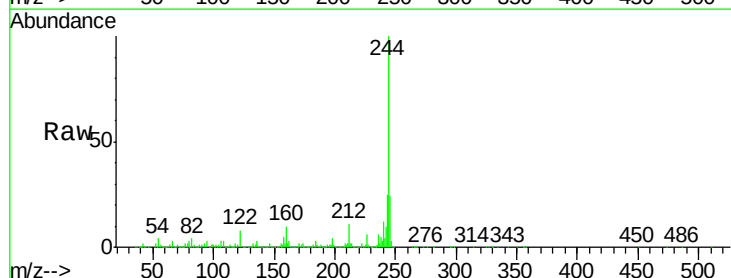
Tgt Ion:244 Resp: 2163863

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

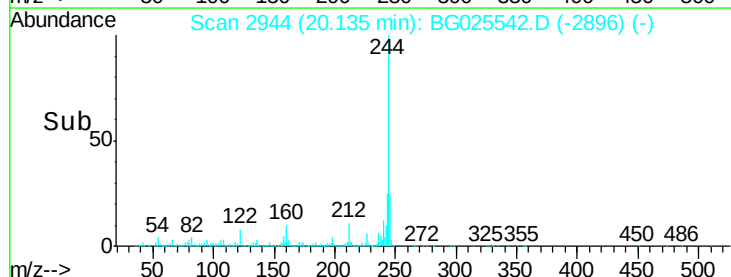
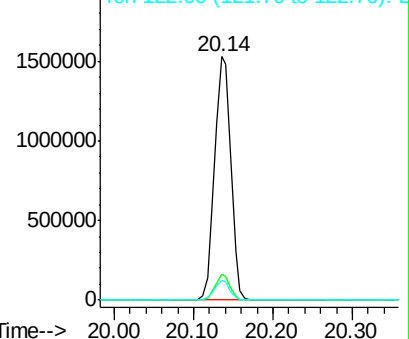
122 8.1 8.6 12.8

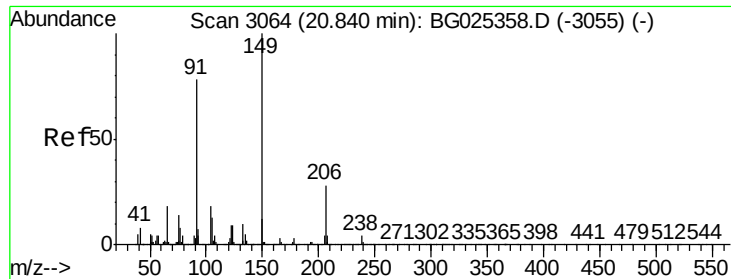


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

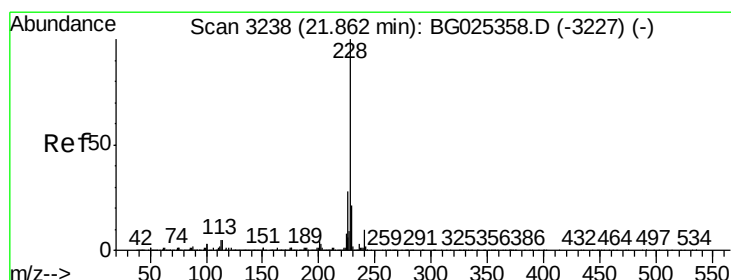
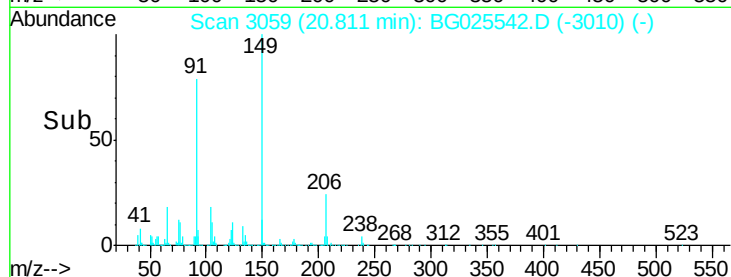
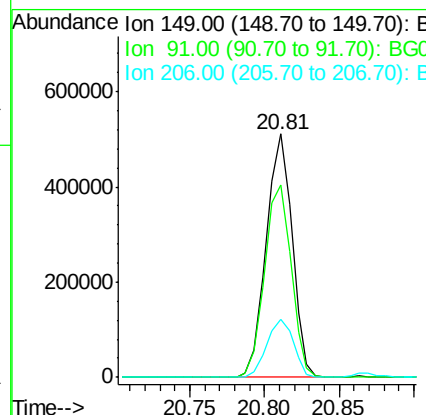
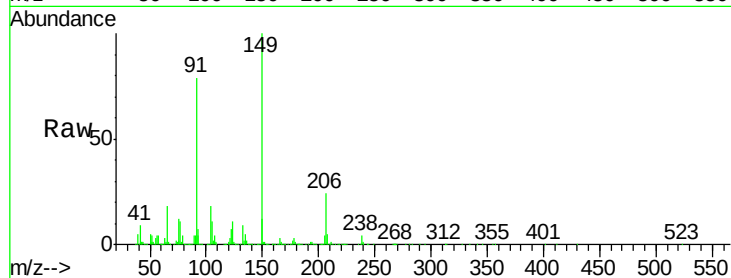




#79
Butylbenzylphthalate
Concen: 44.13 ng
RT: 20.81 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

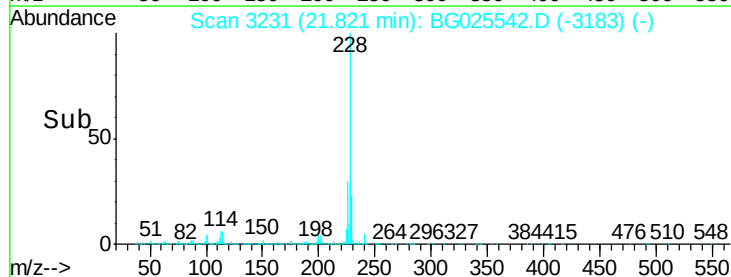
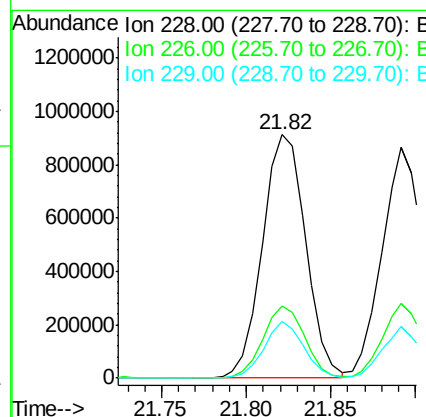
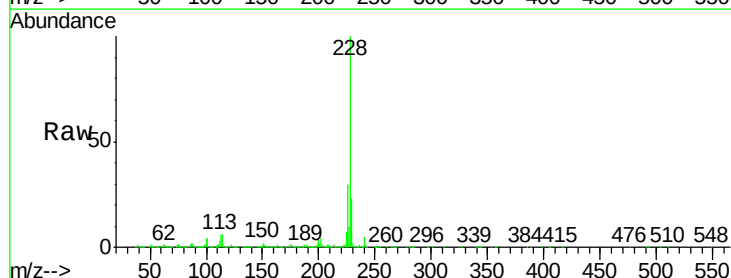
Instrument :
BNA_G
ClientSampleId :
PB96173BS

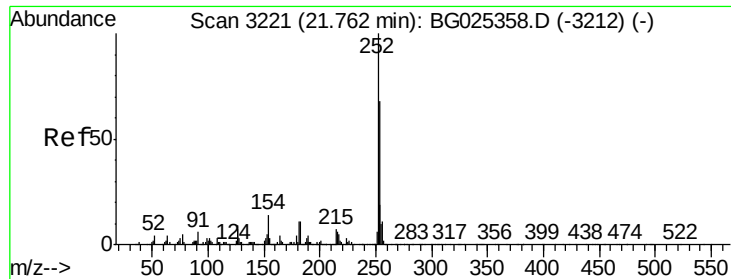
Tgt Ion:149 Resp: 613163
Ion Ratio Lower Upper
149 100
91 79.3 63.5 95.3
206 23.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.93 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:228 Resp: 1622386
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 23.1 18.2 27.2

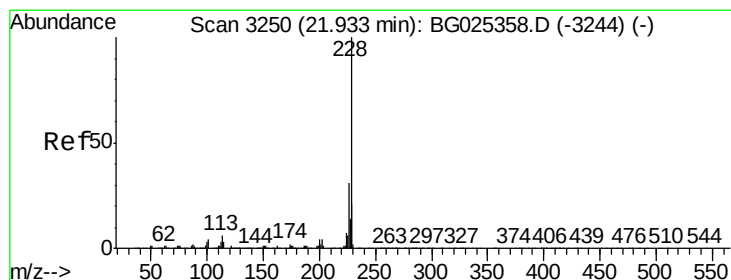
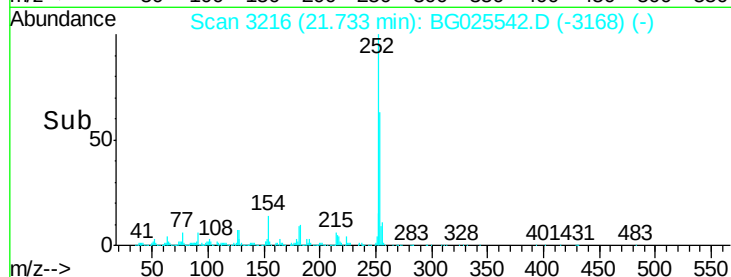
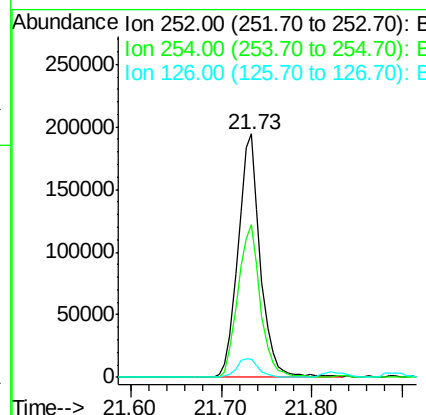
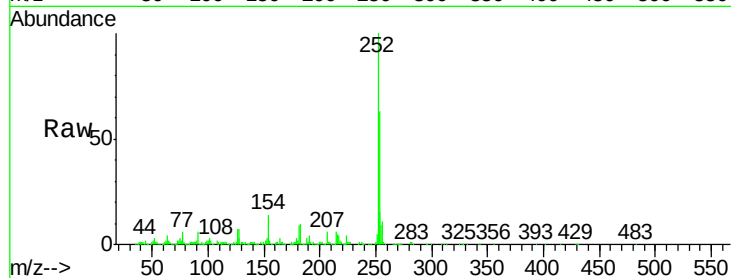




#81
 3,3'-Dichlorobenzidine
 Concen: 23.20 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

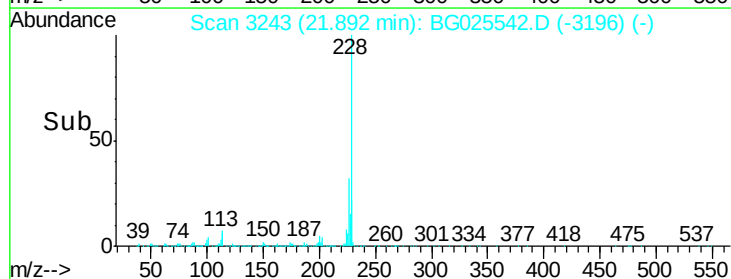
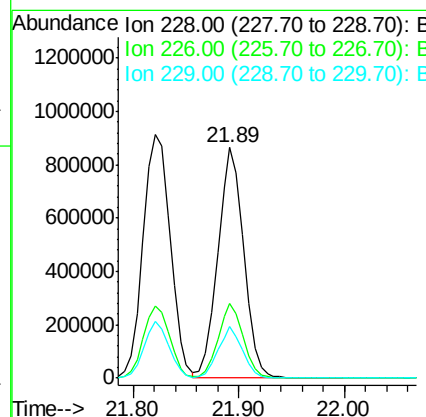
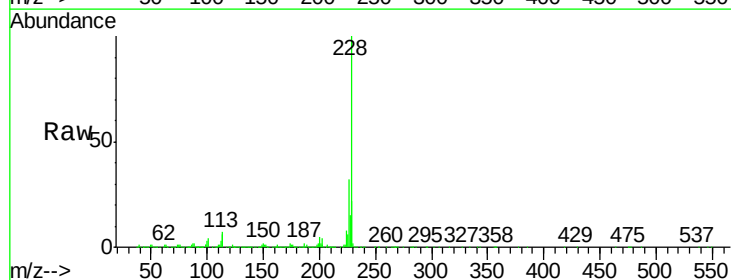
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

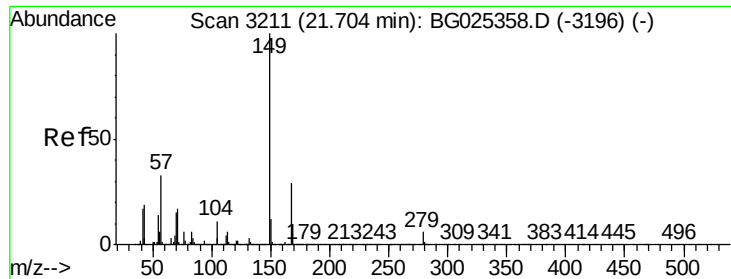
Tgt Ion:252 Resp: 332774
 Ion Ratio Lower Upper
 252 100
 254 62.9 53.1 79.7
 126 7.5 7.0 10.4



#82
 Chrysene
 Concen: 41.67 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion:228 Resp: 1475807
 Ion Ratio Lower Upper
 228 100
 226 32.3 27.0 40.4
 229 22.3 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.20 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

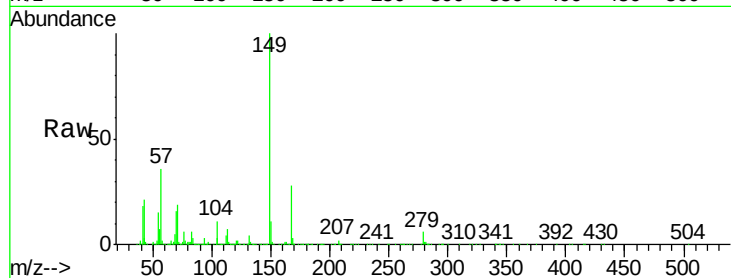
Tgt Ion:149 Resp: 874002

Ion Ratio Lower Upper

149 100

167 27.8 23.7 35.5

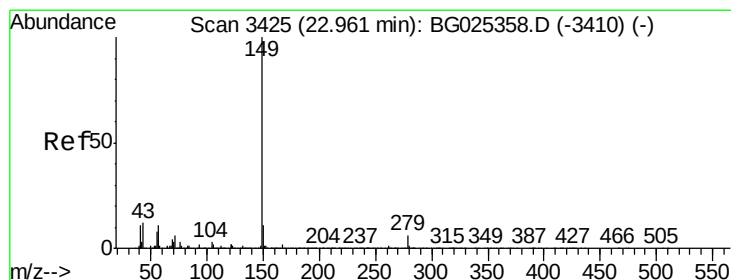
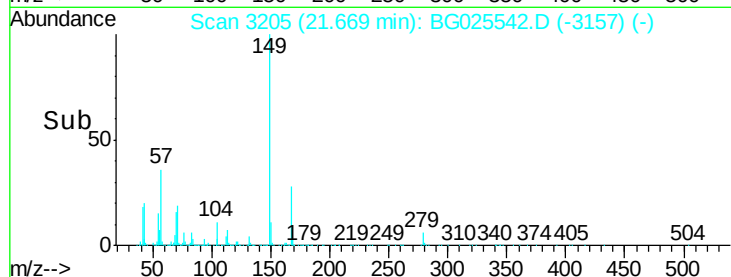
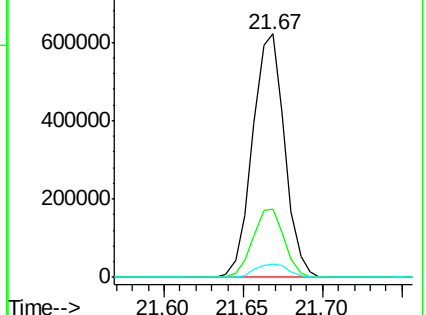
279 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.94 ng

RT: 22.91 min Scan# 3417

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

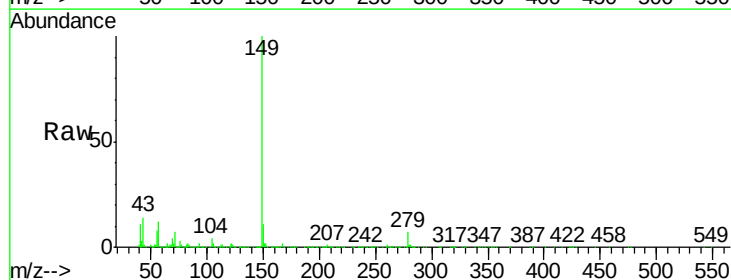
Tgt Ion:149 Resp: 1506910

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

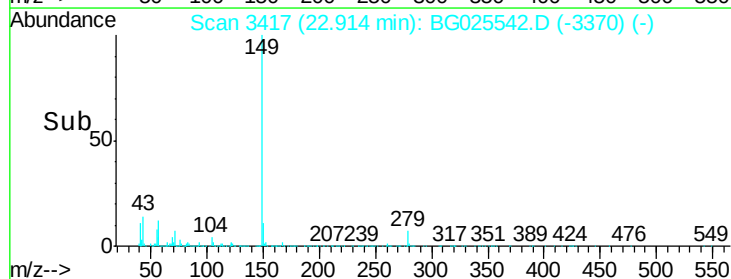
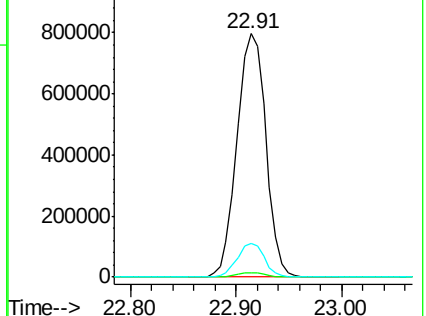
43 13.3 11.8 17.6

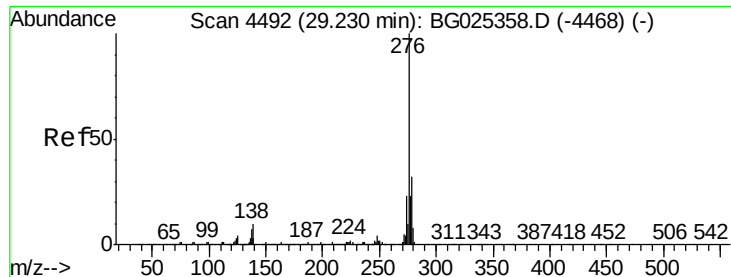


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.45 ng

RT: 29.14 min Scan# 4476

Delta R.T. -0.06 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

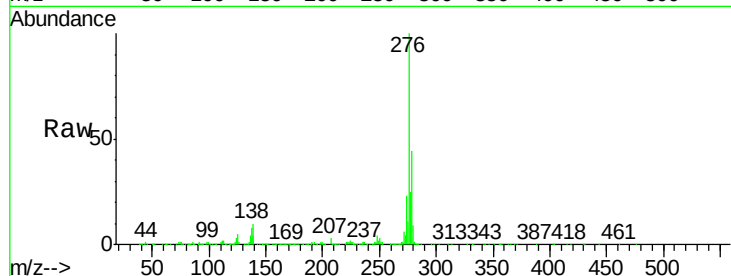
Tgt Ion:276 Resp: 2091220

Ion Ratio Lower Upper

276 100

138 12.1 4.7 7.1#

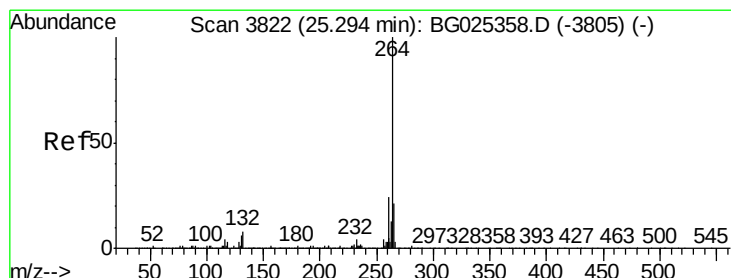
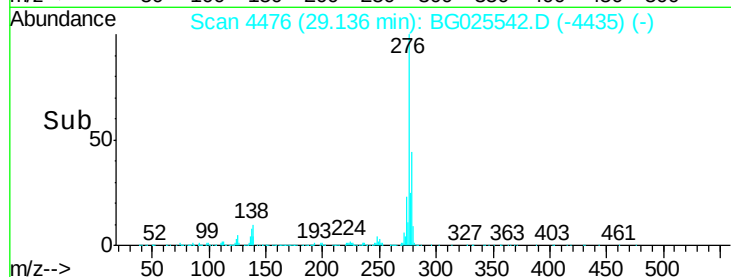
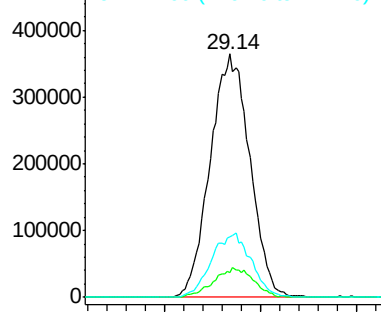
277 26.4 20.6 31.0



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: 25.23 min Scan# 3811

Delta R.T. -0.04 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

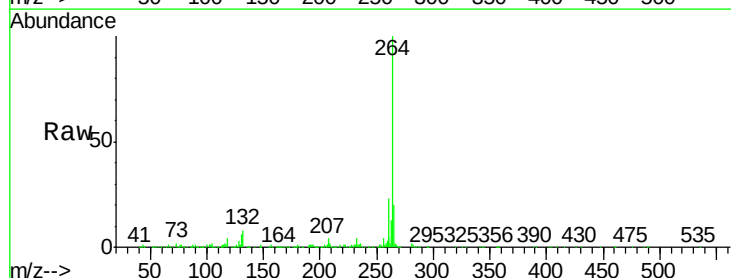
Tgt Ion:264 Resp: 722195

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

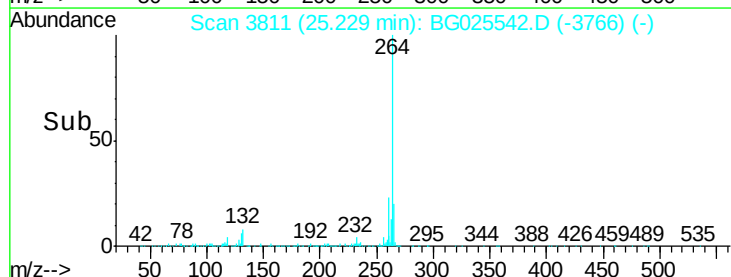
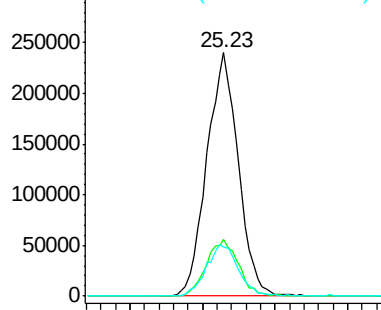
265 20.3 18.2 27.4

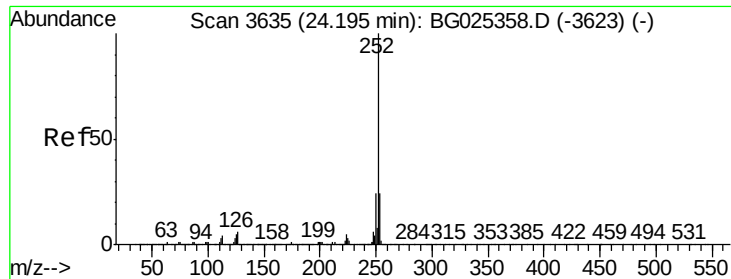


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

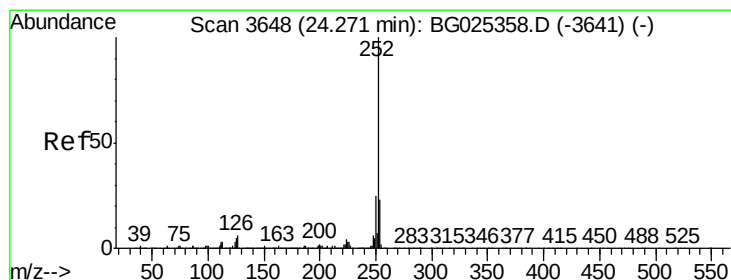
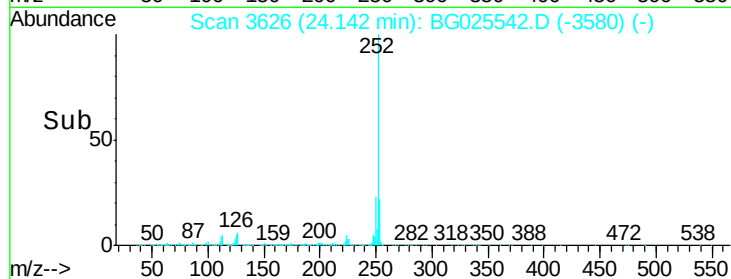
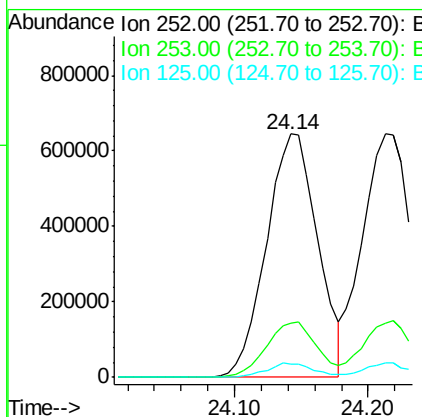
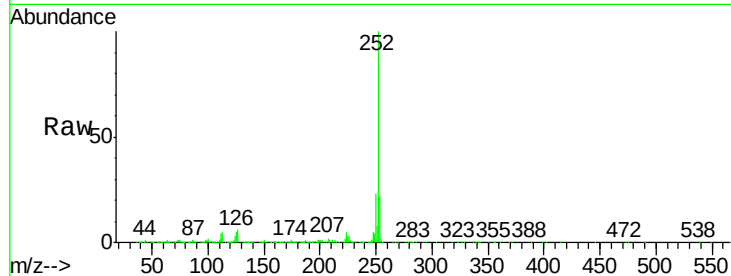




#87
Benzo(b)fluoranthene
Concen: 43.59 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.03 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

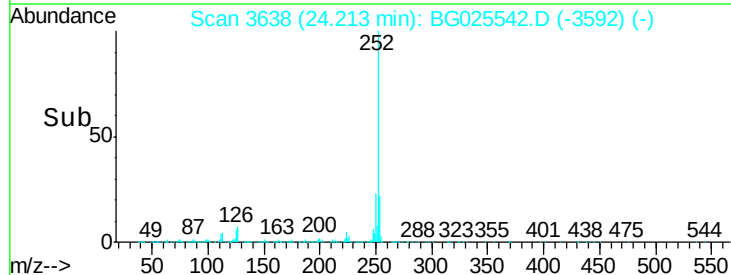
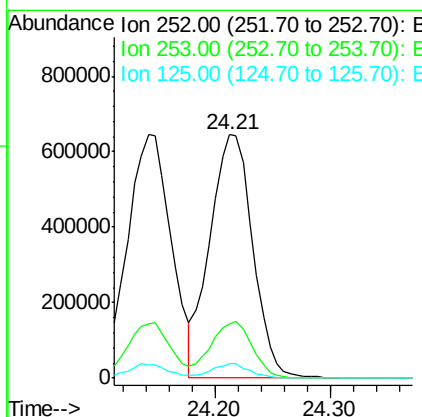
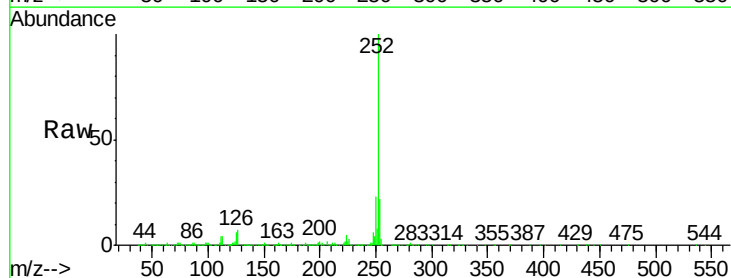
Instrument :
BNA_G
ClientSampleId :
PB96173BS

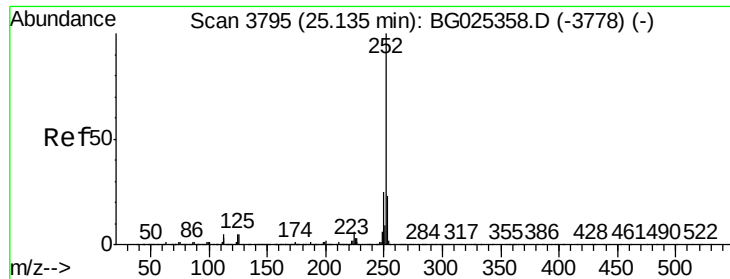
Tgt Ion:252 Resp: 1717759
Ion Ratio Lower Upper
252 100
253 22.1 18.7 28.1
125 5.4 5.3 7.9



#88
Benzo(k)fluoranthene
Concen: 43.52 ng
RT: 24.21 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion:252 Resp: 1656167
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.2
125 6.1 5.1 7.7





#89

Benzo(a)pyrene

Concen: 43.28 ng

RT: 25.06 min Scan# 3783

Delta R.T. -0.04 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

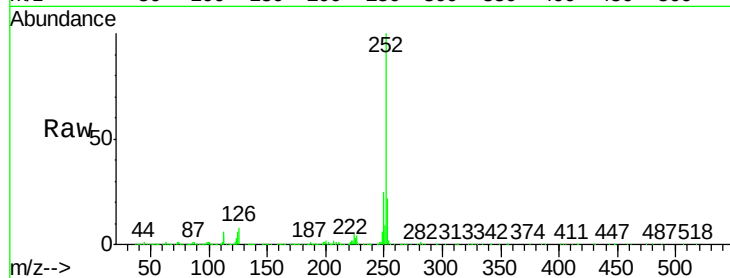
Tgt Ion:252 Resp: 1647101

Ion Ratio Lower Upper

252 100

253 21.7 19.2 28.8

125 6.3 5.4 8.0

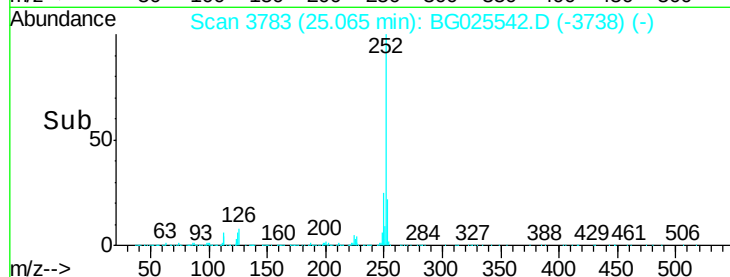


Abundance Ion 252.00 (251.70 to 252.70): E

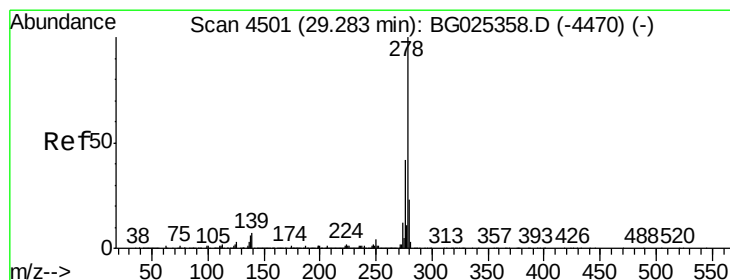
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

25.06



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 43.58 ng

RT: 29.18 min Scan# 4483

Delta R.T. -0.05 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

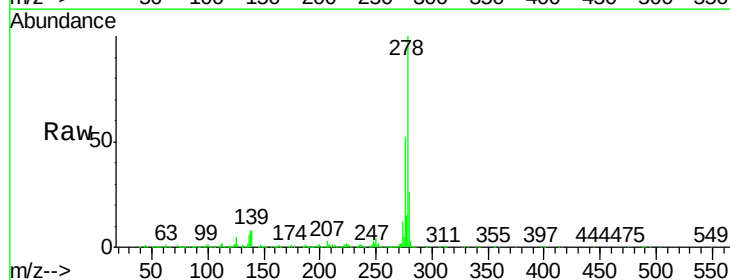
Tgt Ion:278 Resp: 1758019

Ion Ratio Lower Upper

278 100

139 8.0 7.7 11.5

279 25.5 19.1 28.7

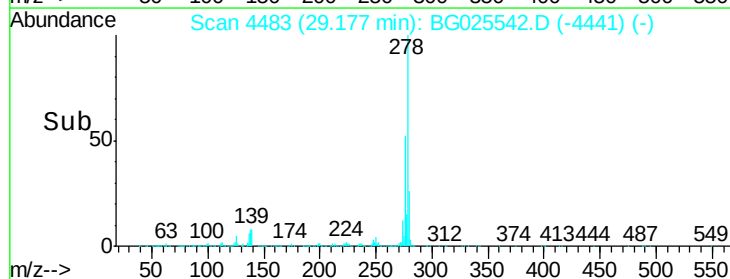


Abundance Ion 278.00 (277.70 to 278.70): E

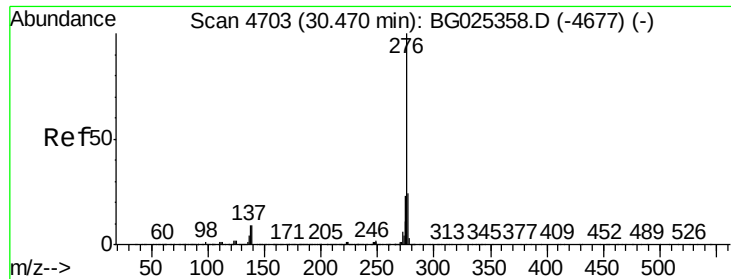
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

29.18



Time-->



#91
 Benzo(g,h,i)perylene
 Concen: 43.05 ng
 RT: 30.36 min Scan# 4684
 Delta R.T. -0.07 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tgt Ion: 276 Resp: 1725435
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.6 27.8
 138 9.6 8.1 12.1

