

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025482.D
 Acq On : 12 Jan 2017 14:55
 Operator : UM/SJ
 Sample : PB95940BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

Quant Time: Jan 13 00:44:18 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	8.20	152	63496	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	254455	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	203638	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	492257	20.00	ng	0.00
75) Chrysene-d12	21.86	240	696717	20.00	ng	0.00
86) Perylene-d12	25.27	264	754602	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	536878	153.69	ng	0.00
7) Phenol-d6	7.36	99	766266	155.75	ng	0.00
23) Nitrobenzene-d5	9.39	82	537796	93.37	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	481676	146.92	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1199989	95.40	ng	0.00
78) Terphenyl-d14	20.15	244	2349860	89.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	50054	33.58	ng	# 93
3) Pyridine	3.99	79	163059	37.74	ng	96
4) n-Nitrosodimethylamine	3.91	42	115413	45.00	ng	91
6) Aniline	7.53	93	111638	16.75	ng	99
8) 2-Chlorophenol	7.76	128	179370	45.52	ng	96
9) Benzaldehyde	7.36	77	18978	5.27	ng	80
10) Phenol	7.39	94	271579	49.80	ng	94
11) bis(2-Chloroethyl)ether	7.61	93	178031	42.36	ng	88
12) 1,3-Dichlorobenzene	8.09	146	202762	42.52	ng	97
13) 1,4-Dichlorobenzene	8.23	146	205523	41.59	ng	97
14) 1,2-Dichlorobenzene	8.56	146	195218	41.39	ng	94
15) Benzyl Alcohol	8.45	79	205426	43.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.73	45	337504	43.37	ng	95
17) 2-Methylphenol	8.65	107	171666	47.93	ng	95
18) Hexachloroethane	9.28	117	80587	42.46	ng	96
19) n-Nitroso-di-n-propylamine	9.00	70	181138	43.59	ng	99
20) 3+4-Methylphenols	8.99	107	231175	46.64	ng	96
22) Acetophenone	9.04	105	304784	43.11	ng	# 95
24) Nitrobenzene	9.43	77	277623	43.95	ng	98
25) Isophorone	9.94	82	496151	47.57	ng	98
26) 2-Nitrophenol	10.14	139	115514	47.81	ng	# 91
27) 2,4-Dimethylphenol	10.19	122	199461	50.21	ng	95
28) bis(2-Chloroethoxy)methane	10.42	93	262335	48.44	ng	98
29) 2,4-Dichlorophenol	10.69	162	216411	50.91	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	222026	43.23	ng	95
31) Naphthalene	11.08	128	561206	44.17	ng	99
32) Benzoic acid	10.35	122	133101	41.66	ng	92
33) 4-Chloroaniline	11.21	127	31374	5.87	ng	# 92
34) Hexachlorobutadiene	11.34	225	186457	44.48	ng	96
35) Caprolactam	11.98	113	41341	25.88	ng	95
36) 4-Chloro-3-methylphenol	12.31	107	245107	46.71	ng	95
37) 2-Methylnaphthalene	12.67	142	435061	46.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	321802	47.86	ng	# 94
40) Hexachlorocyclopentadiene	12.99	237	295286	115.96	ng	94

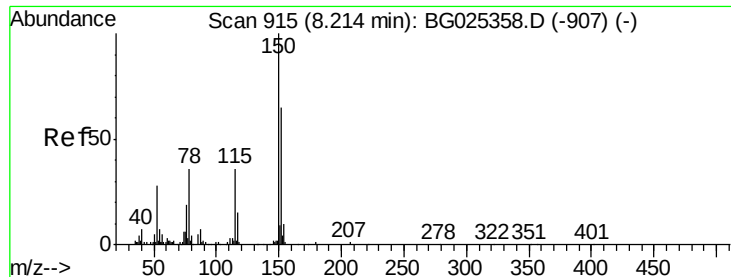
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	207565	49.03	ng	98
43) 2,4,5-Trichlorophenol	13.36	196	210565	47.52	ng	98
45) 1,1'-Biphenyl	13.66	154	632264	46.16	ng	94
46) 2-Chloronaphthalene	13.72	162	505850	47.27	ng	98
47) 2-Nitroaniline	13.93	65	213059	47.17	ng	98
48) Acenaphthylene	14.56	152	754935	45.52	ng	97
49) Dimethylphthalate	14.27	163	703302	47.37	ng	98
50) 2,6-Dinitrotoluene	14.41	165	155613	47.98	ng	99
51) Acenaphthene	14.89	154	486328	44.83	ng	99
52) 3-Nitroaniline	14.76	138	41843	13.42	ng	# 98
53) 2,4-Dinitrophenol	14.97	184	200924	93.56	ng	# 78
54) Dibenzofuran	15.23	168	817299	47.66	ng	98
55) 4-Nitrophenol	15.07	139	227145	97.54	ng	95
56) 2,4-Dinitrotoluene	15.21	165	243484	51.56	ng	# 94
57) Fluorene	15.87	166	672471	46.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	224230	47.24	ng	95
59) Diethylphthalate	15.62	149	740259	47.55	ng	97
60) 4-Chlorophenyl-phenylether	15.85	204	393953	48.41	ng	91
61) 4-Nitroaniline	15.92	138	137412	43.80	ng	86
62) Azobenzene	16.15	77	776218	51.70	ng	99
64) 4,6-Dinitro-2-methylphenol	15.97	198	163529	47.97	ng	86
65) n-Nitrosodiphenylamine	16.07	169	636397	47.83	ng	98
66) 4-Bromophenyl-phenylether	16.75	248	283104	46.62	ng	98
67) Hexachlorobenzene	16.88	284	315386	45.26	ng	# 88
68) Atrazine	17.01	200	295185	50.63	ng	97
69) Pentachlorophenol	17.23	266	338588	93.72	ng	96
70) Phenanthrene	17.62	178	1171620	46.19	ng	97
71) Anthracene	17.71	178	1222846	47.44	ng	98
72) Carbazole	17.99	167	1082122	46.94	ng	97
73) Di-n-butylphthalate	18.49	149	1323076	46.65	ng	97
74) Fluoranthene	19.61	202	1579906	47.15	ng	95
76) Benzidine	19.80	184	468541	26.96	ng	97
77) Pyrene	19.98	202	1620327	44.50	ng	98
79) Butylbenzylphthalate	20.82	149	683279	46.74	ng	96
80) Benzo(a)anthracene	21.85	228	1840203	47.35	ng	96
81) 3,3'-Dichlorobenzidine	21.75	252	406434	26.93	ng	# 98
82) Chrysene	21.92	228	1706181	45.78	ng	99
83) Bis(2-ethylhexyl)phthalate	21.68	149	979494	48.14	ng	97
84) Di-n-octyl phthalate	22.94	149	1677628	49.66	ng	95
85) Indeno(1,2,3-cd)pyrene	29.19	276	2375124	50.13	ng	99
87) Benzo(b)fluoranthene	24.18	252	1907240	46.32	ng	99
88) Benzo(k)fluoranthene	24.18	252	1907240	47.97	ng	96
89) Benzo(a)pyrene	25.10	252	1877722	47.22	ng	99
90) Dibenzo(a,h)anthracene	29.23	278	1965634	46.64	ng	# 97
91) Benzo(g,h,i)perylene	30.43	276	1973296	47.12	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. 0.00 min

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PB95940BS

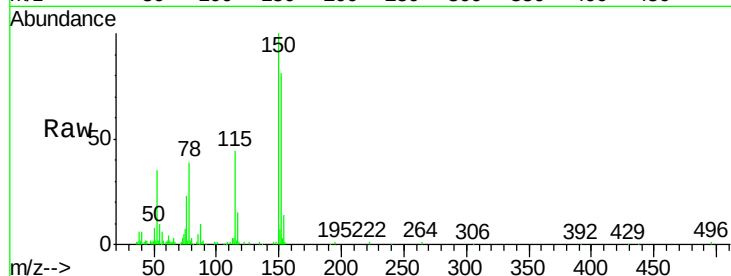
Tgt Ion:152 Resp: 63496

Ion Ratio Lower Upper

152 100

150 124.2 114.0 171.0

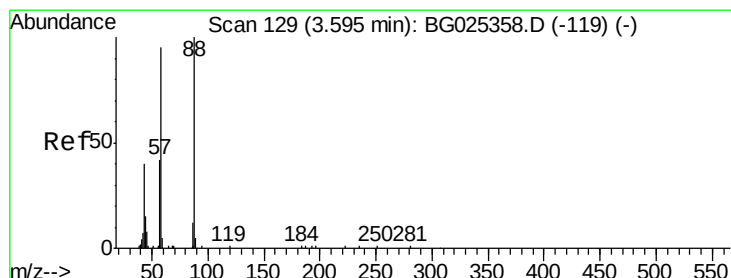
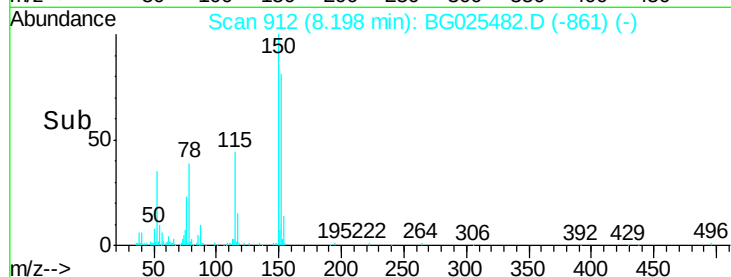
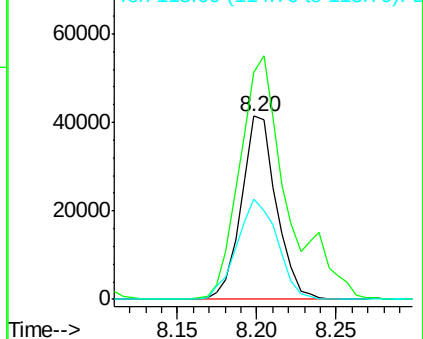
115 54.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.58 ng

RT: 3.57 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

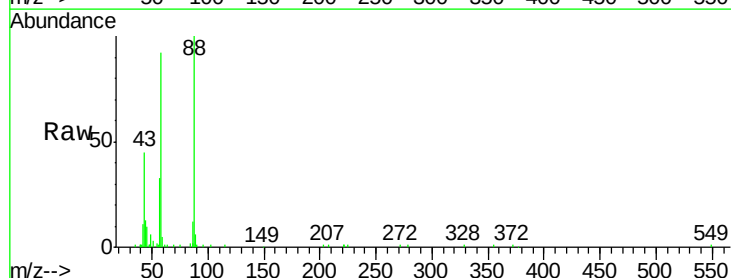
Tgt Ion: 88 Resp: 50054

Ion Ratio Lower Upper

88 100

58 101.7 79.4 119.2

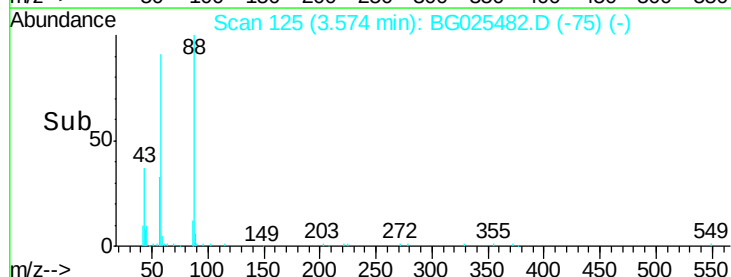
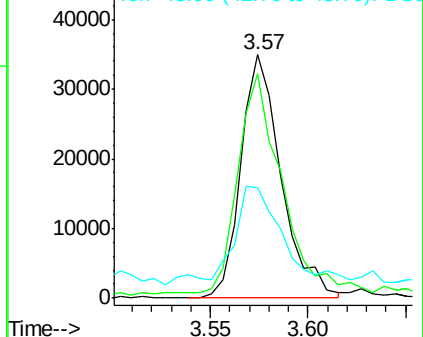
43 52.6 33.8 50.6#

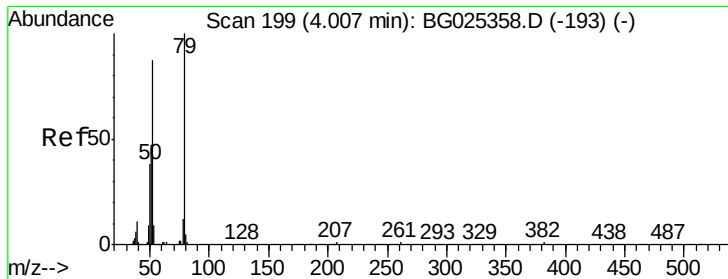


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.74 ng

RT: 3.99 min Scan# 196

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

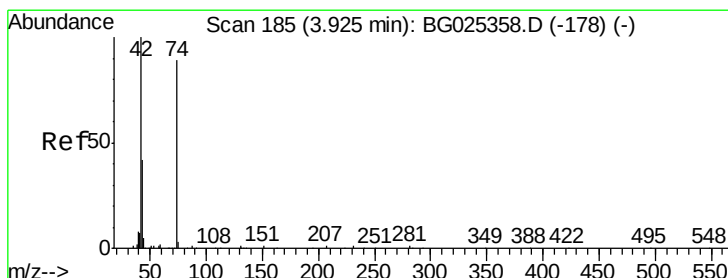
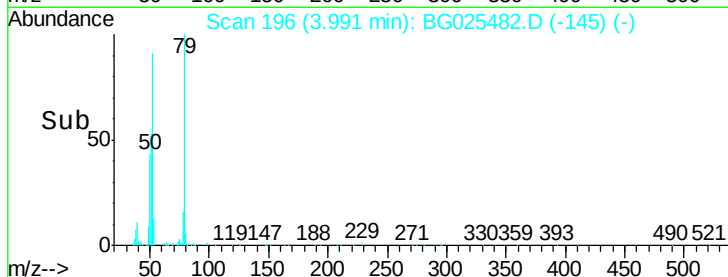
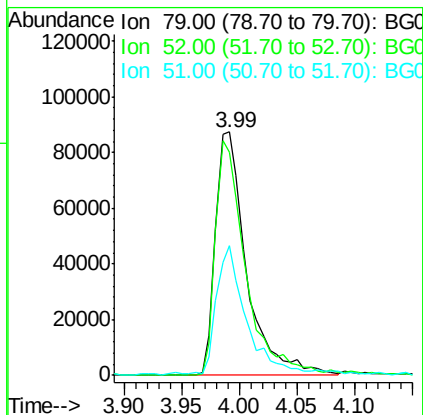
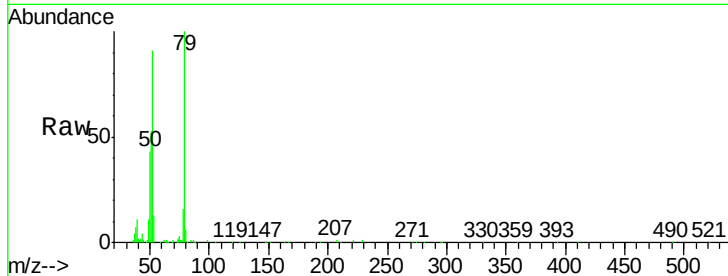
Tgt Ion: 79 Resp: 163059

Ion Ratio Lower Upper

79 100

52 91.4 77.8 116.6

51 53.4 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 45.00 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

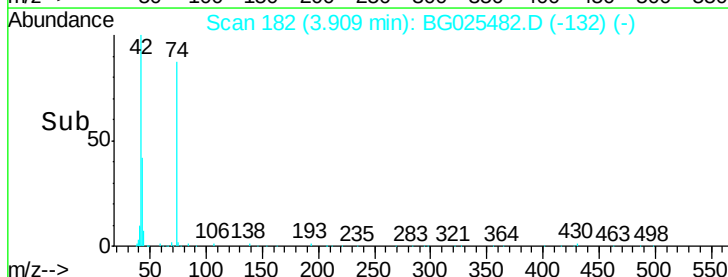
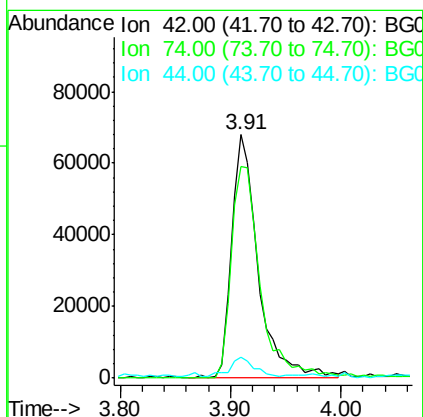
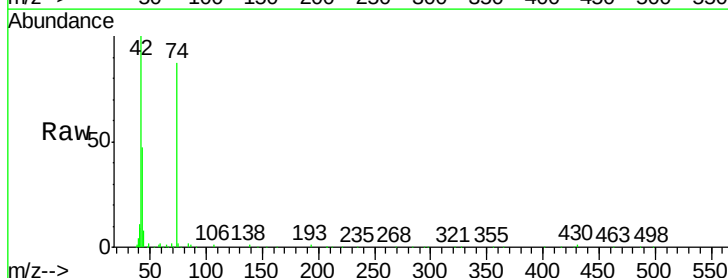
Tgt Ion: 42 Resp: 115413

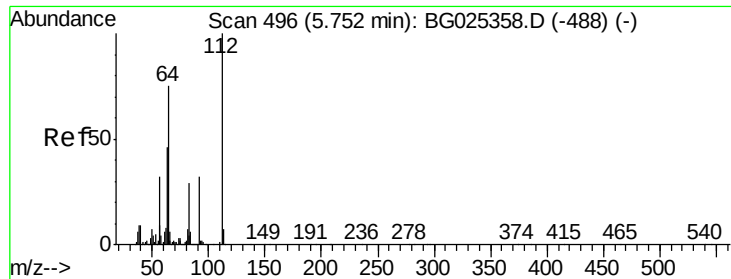
Ion Ratio Lower Upper

42 100

74 86.7 76.7 115.1

44 8.4 6.1 9.1





#5

2-Fluorophenol

Concen: 153.69 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

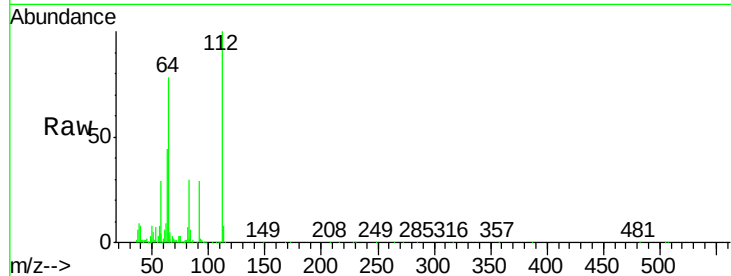
Tgt Ion: 112 Resp: 536878

Ion Ratio Lower Upper

112 100

64 77.7 61.8 92.6

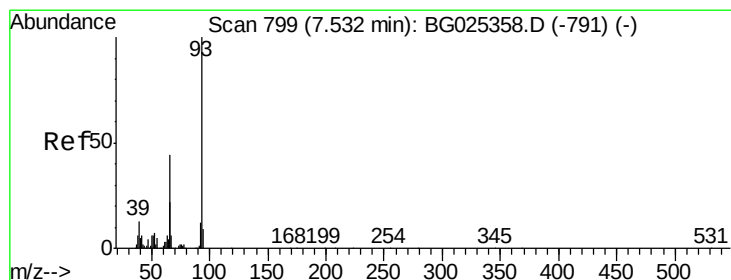
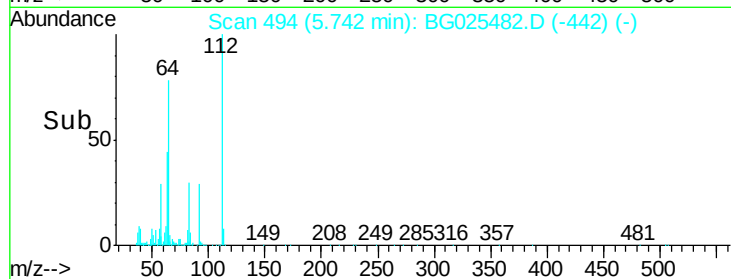
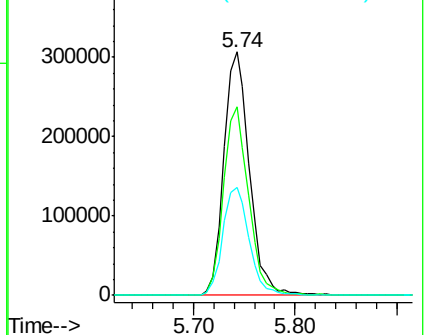
63 44.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.75 ng

RT: 7.53 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

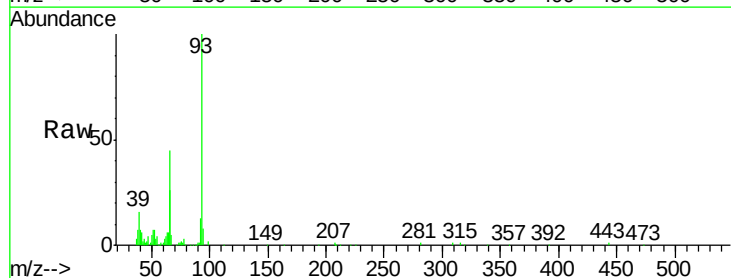
Tgt Ion: 93 Resp: 111638

Ion Ratio Lower Upper

93 100

66 44.5 35.4 53.2

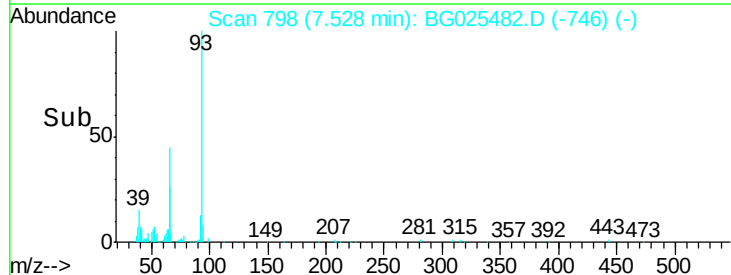
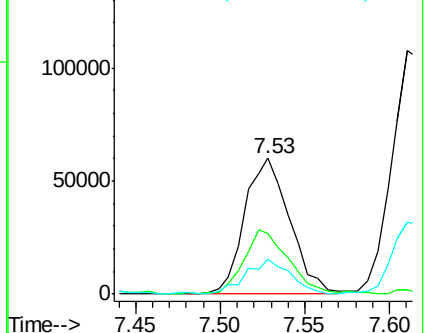
65 25.5 21.2 31.8

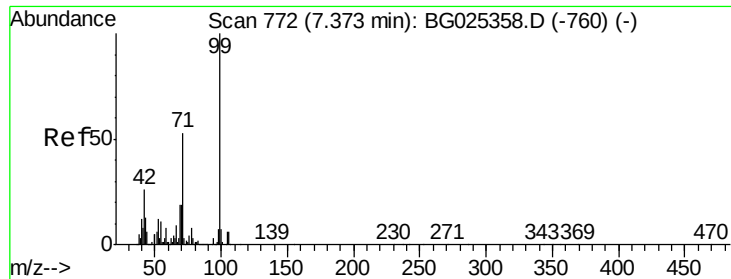


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.75 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

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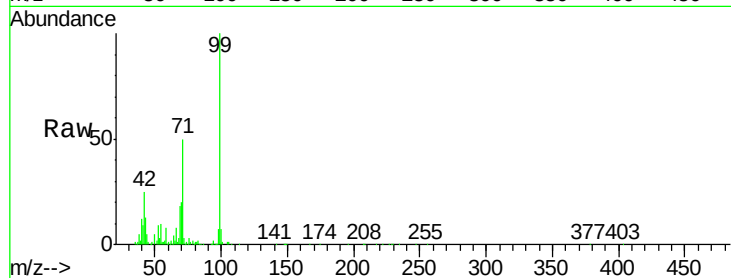
Tgt Ion: 99 Resp: 766266

Ion Ratio Lower Upper

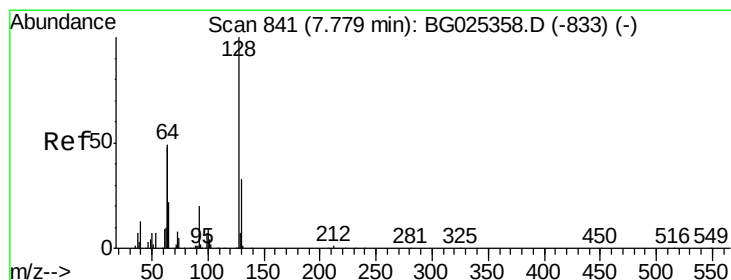
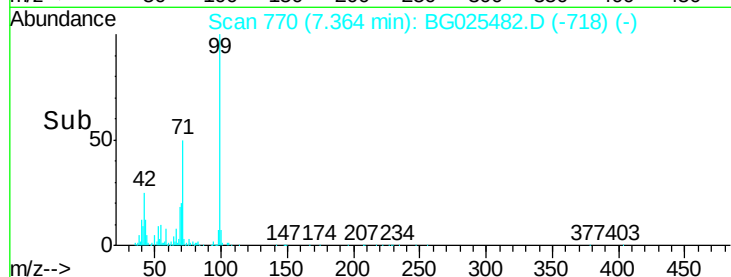
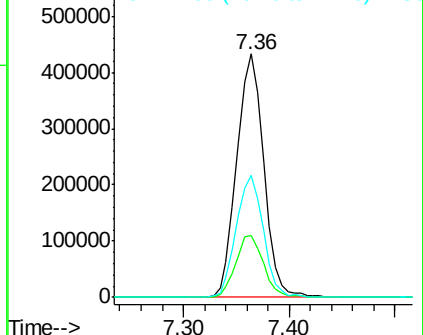
99 100

42 25.2 20.5 30.7

71 50.2 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: 45.52 ng

RT: 7.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

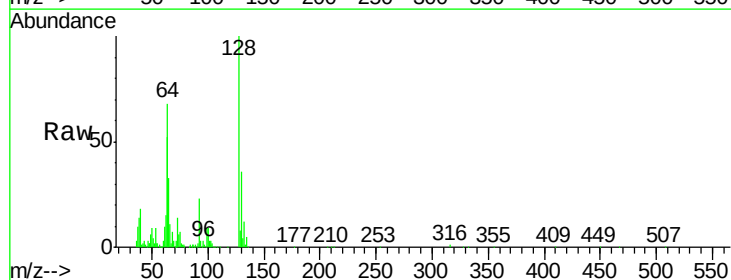
Tgt Ion: 128 Resp: 179370

Ion Ratio Lower Upper

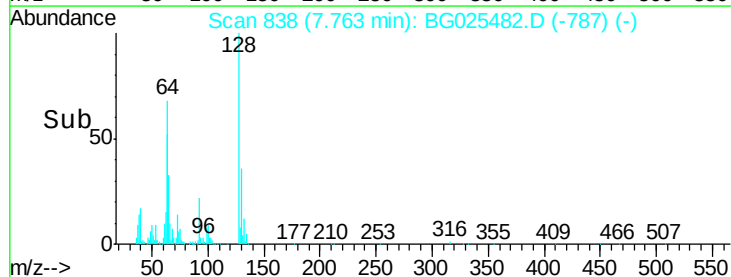
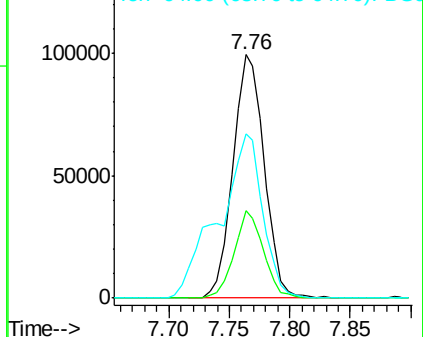
128 100

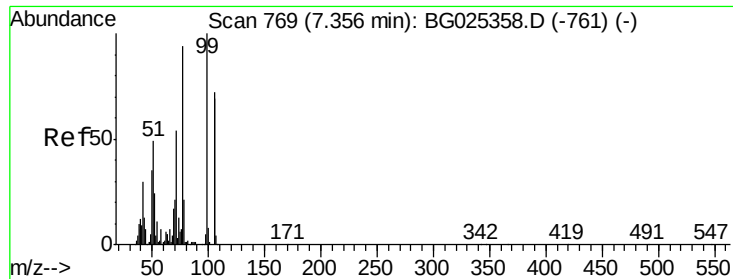
130 35.9 11.4 51.4

64 67.7 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 5.27 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.02 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

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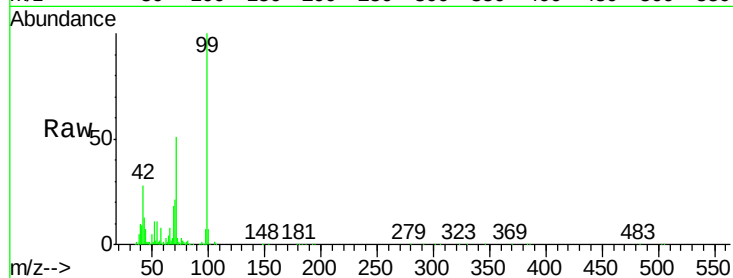
Tgt Ion: 77 Resp: 18978

Ion Ratio Lower Upper

77 100

105 62.1 60.9 100.9

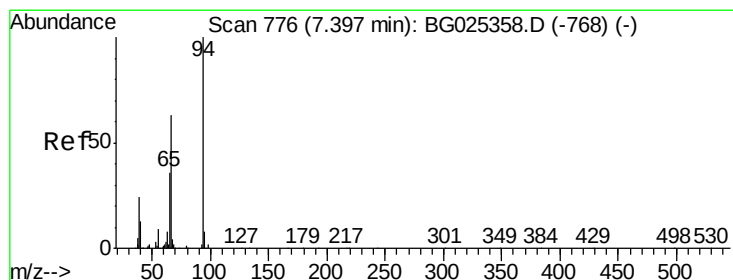
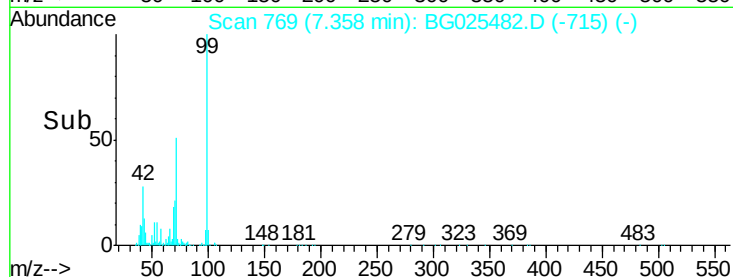
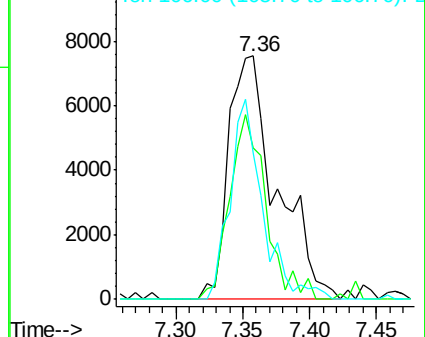
106 59.9 55.1 95.1



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: 49.80 ng

RT: 7.39 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

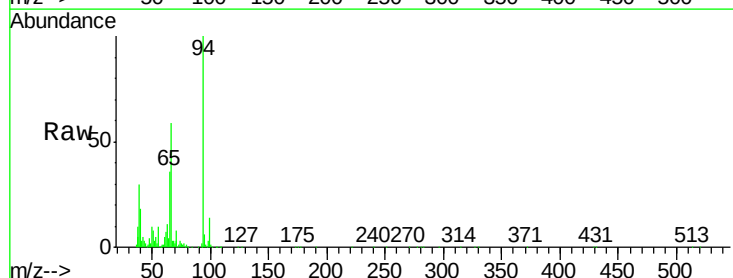
Tgt Ion: 94 Resp: 271579

Ion Ratio Lower Upper

94 100

65 36.5 20.6 60.6

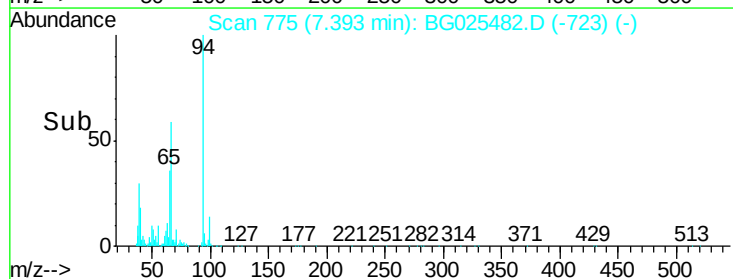
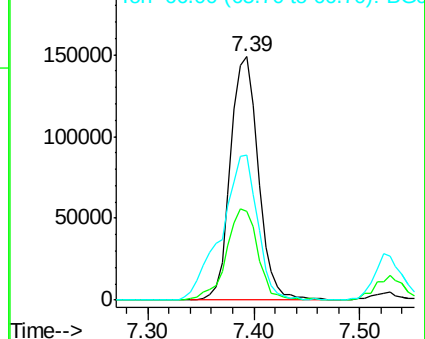
66 59.4 35.5 75.5

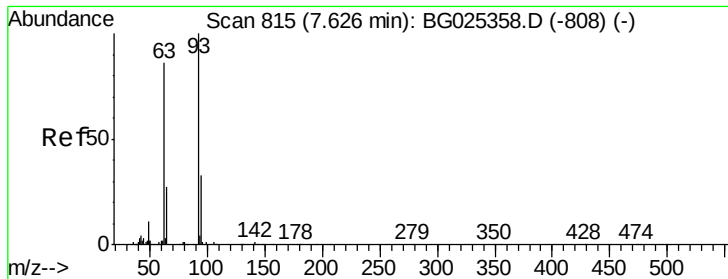


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.36 ng

RT: 7.61 min Scan# 812

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

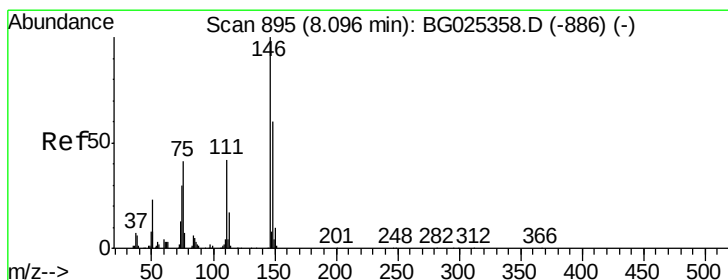
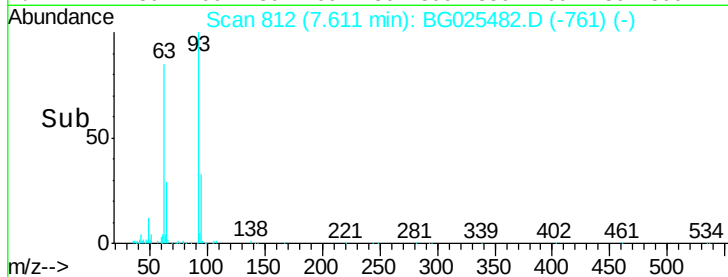
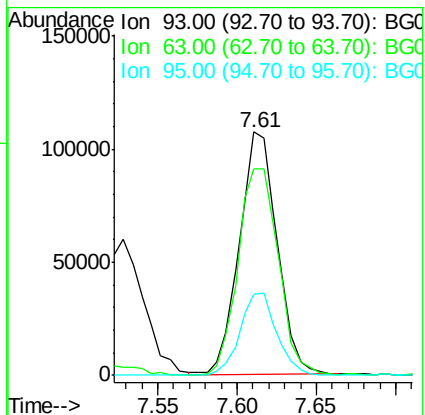
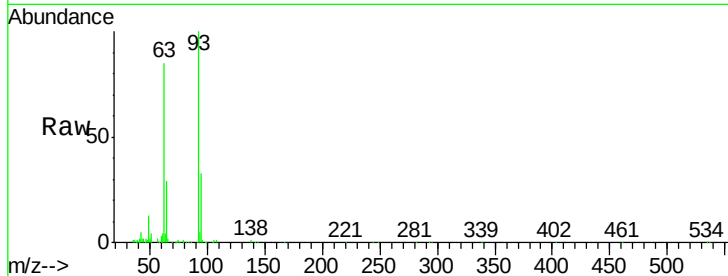
Tgt Ion: 93 Resp: 178031

Ion Ratio Lower Upper

93 100

63 85.1 78.5 118.5

95 33.1 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 42.52 ng

RT: 8.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

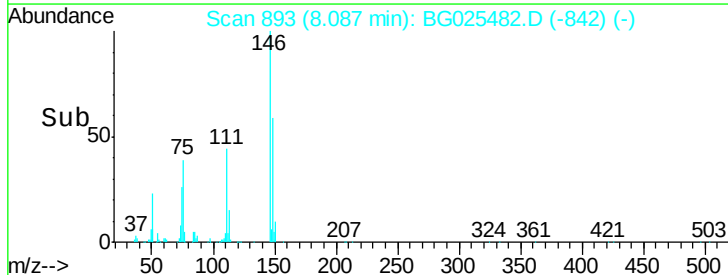
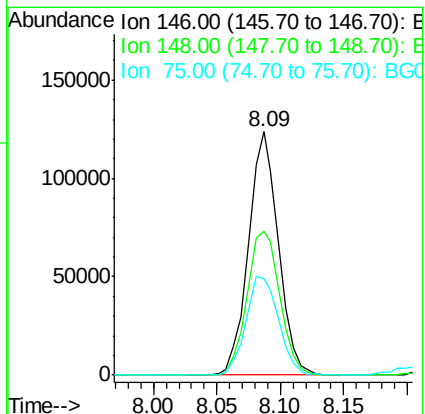
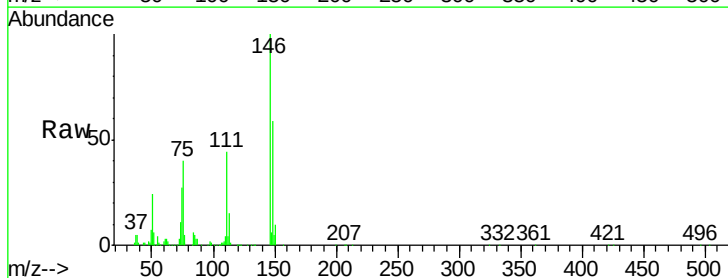
Tgt Ion: 146 Resp: 202762

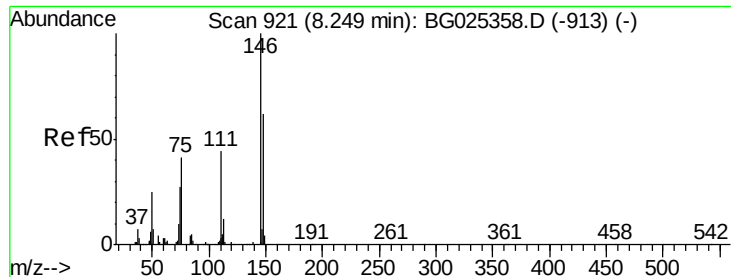
Ion Ratio Lower Upper

146 100

148 58.9 49.2 73.8

75 39.6 33.4 50.2

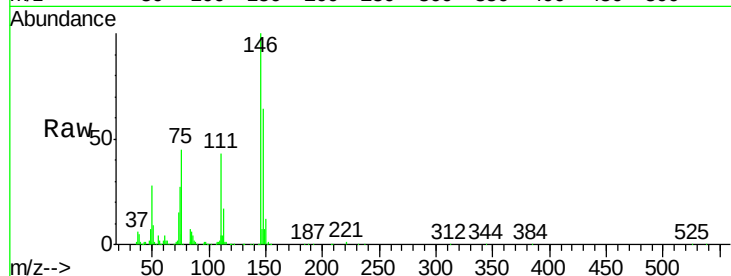




#13
 1,4-Dichlorobenzene
 Concen: 41.59 ng
 RT: 8.23 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	43.1	37.0	55.6

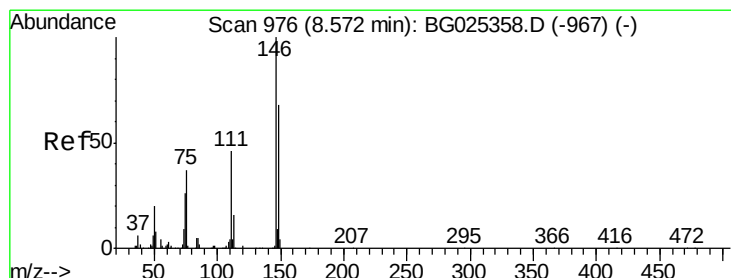
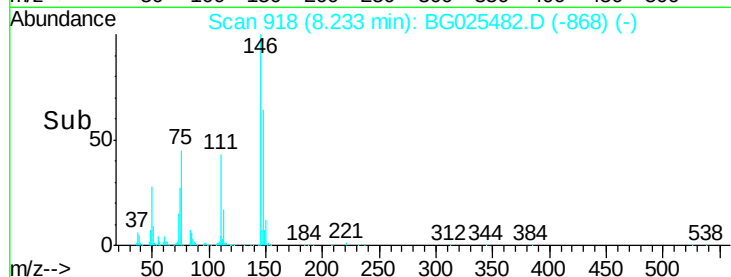
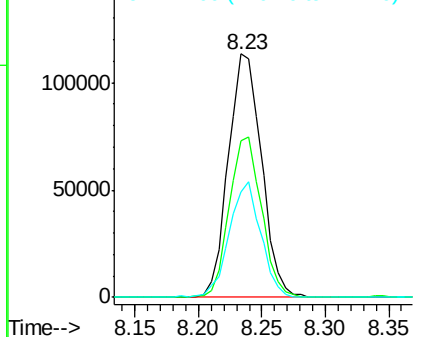


Abundance

Ion 146.00 (145.70 to 146.70): E

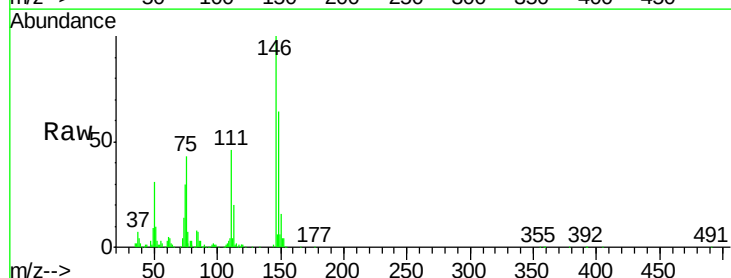
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.39 ng
 RT: 8.56 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	54.6	81.8
111	45.9	39.7	59.5

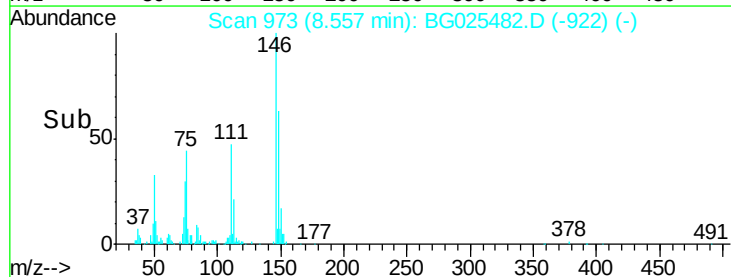
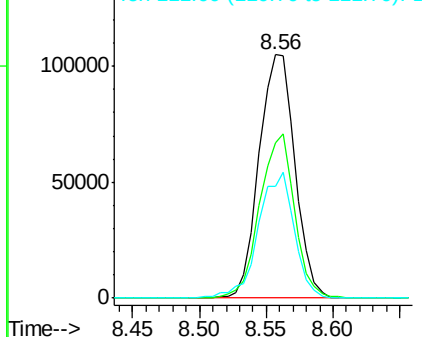


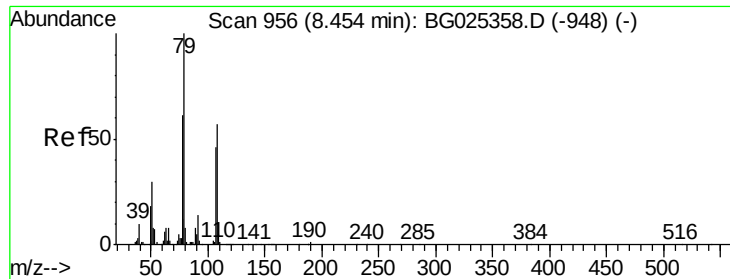
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

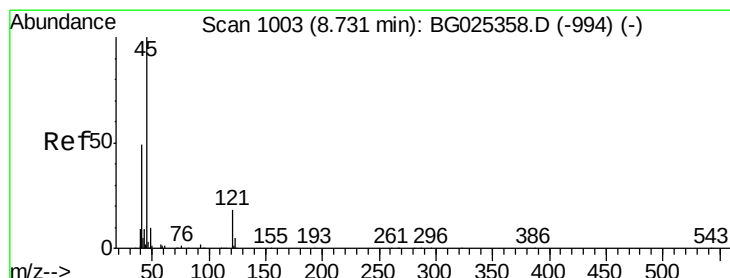
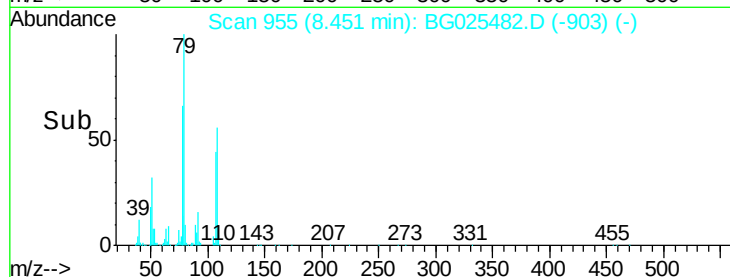
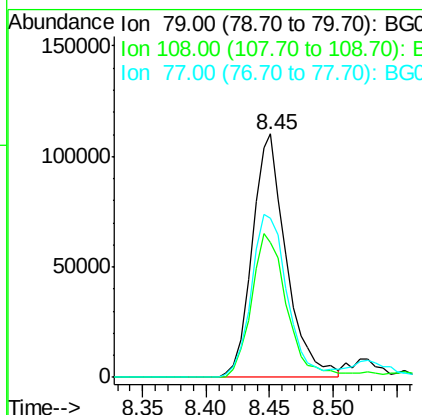
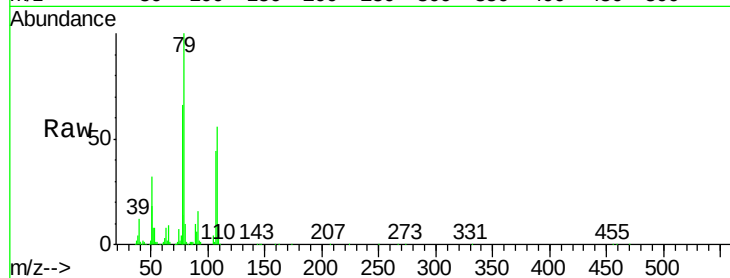




#15
Benzyl Alcohol
Concen: 43.74 ng
RT: 8.45 min Scan# 955
Delta R.T. 0.01 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

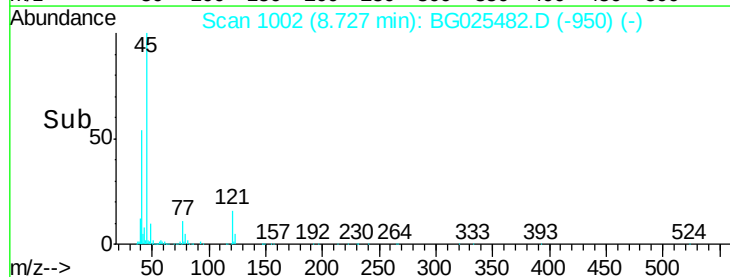
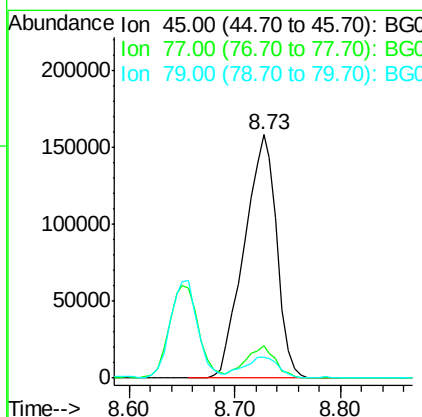
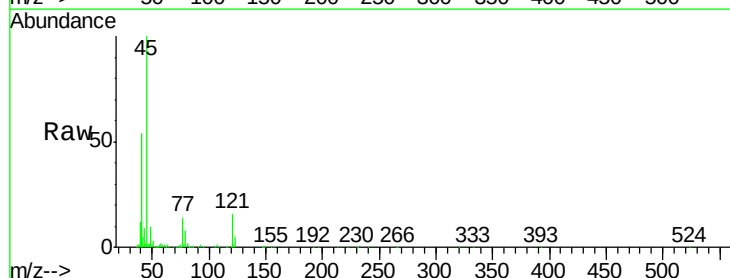
Instrument :
BNA_G
ClientSampleId :
PB95940BS

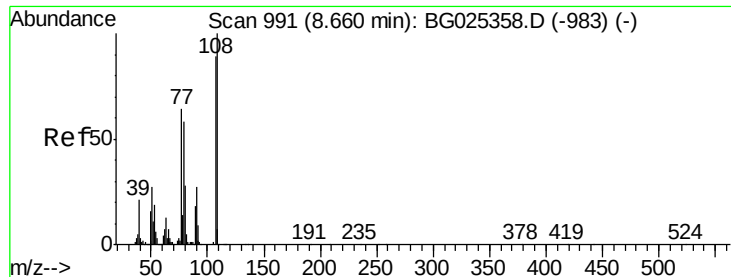
Tgt Ion: 79 Resp: 205426
Ion Ratio Lower Upper
79 100
108 55.6 45.5 68.3
77 65.6 54.3 81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.37 ng
RT: 8.73 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion: 45 Resp: 337504
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.6
79 8.4 0.0 28.5

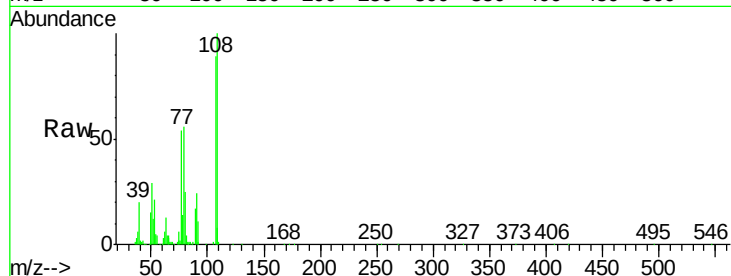




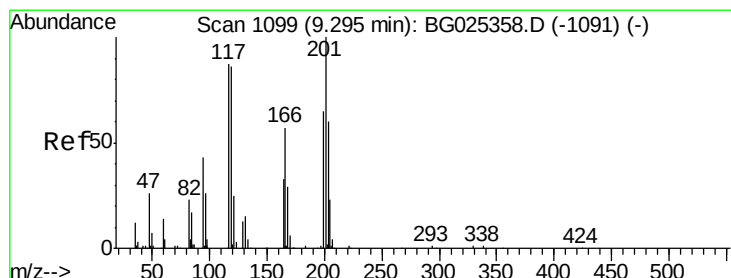
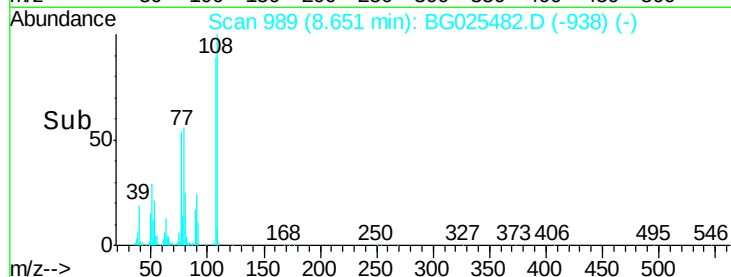
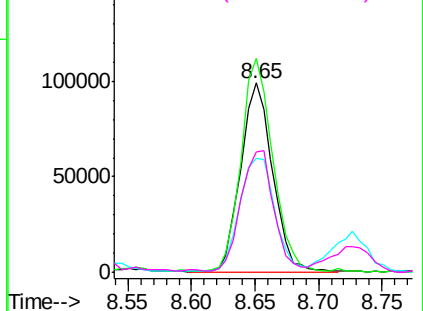
#17
2-Methylphenol
Concen: 47.93 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Instrument :
BNA_G
ClientSampleId :
PB95940BS

Tgt Ion:	107	Resp:	171666
Ion	Ratio	Lower	Upper
107	100		
108	112.9	85.6	128.4
77	60.6	51.4	77.2
79	63.5	49.2	73.8

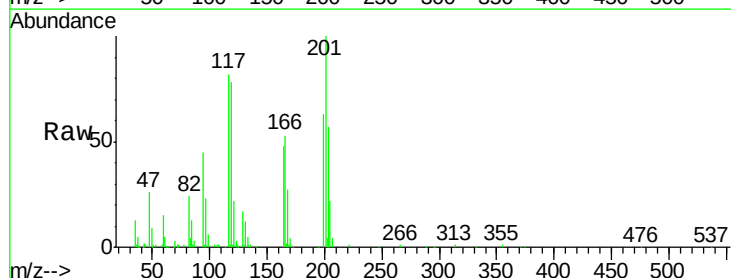


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

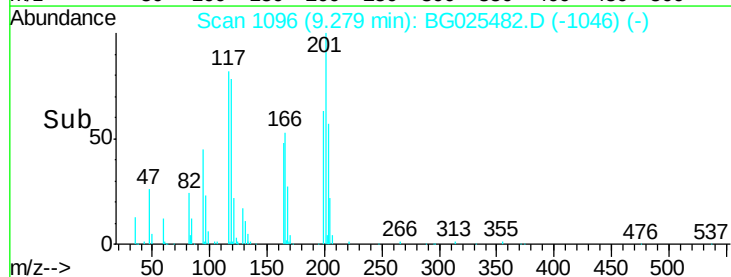
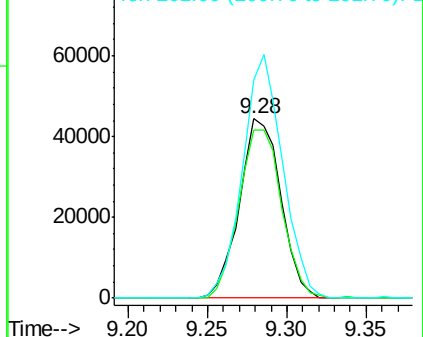


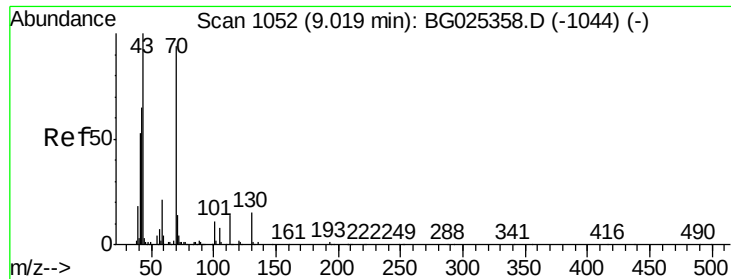
#18
Hexachloroethane
Concen: 42.46 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion:	117	Resp:	80587
Ion	Ratio	Lower	Upper
117	100		
119	94.0	69.8	104.6
201	121.3	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

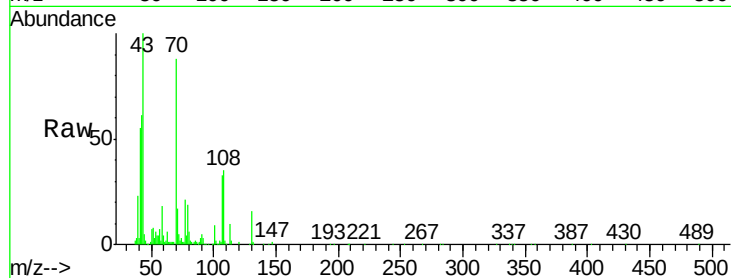




#19
n-Nitroso-di-n-propylamine
Concen: 43.59 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Instrument :
BNA_G
ClientSampleId :
PB95940BS

Tgt Ion:	70	Resp:	181138
Ion	Ratio	Lower	Upper
70	100		
42	69.3	56.1	84.1
101	9.8	7.5	11.3
130	18.0	14.6	21.8



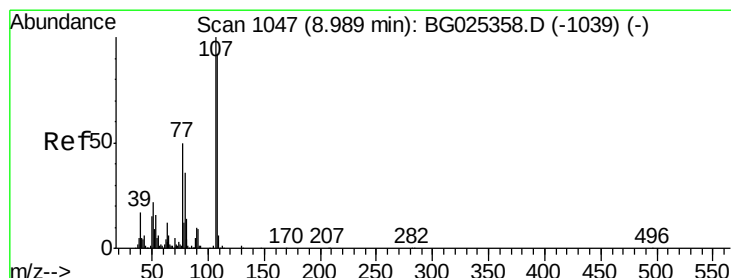
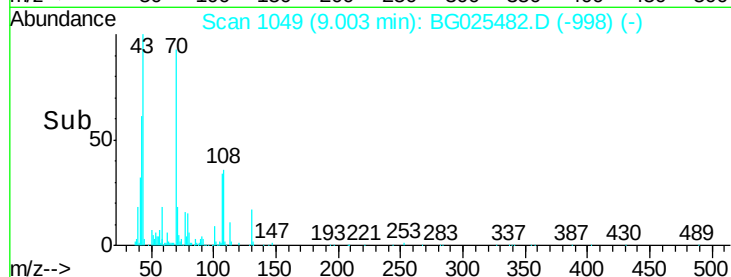
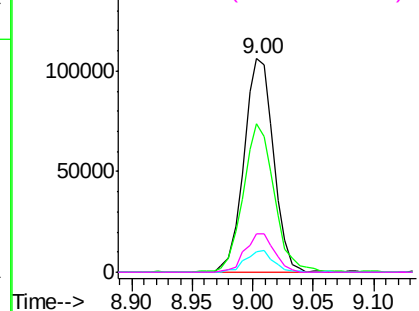
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

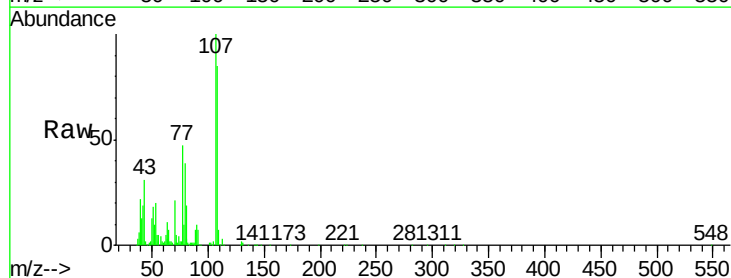
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.64 ng
RT: 8.99 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion:	107	Resp:	231175
Ion	Ratio	Lower	Upper
107	100		
108	85.3	70.8	110.8
77	46.6	25.8	65.8
79	39.5	20.1	60.1



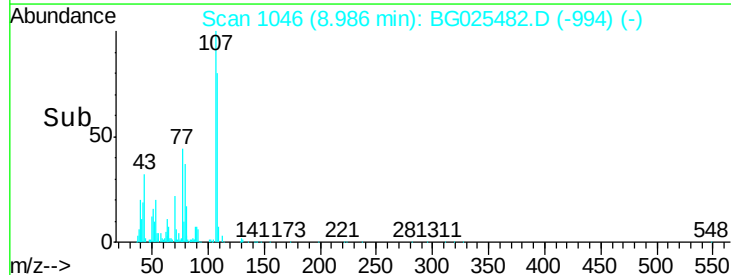
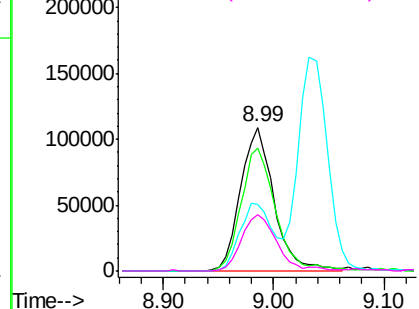
Abundance

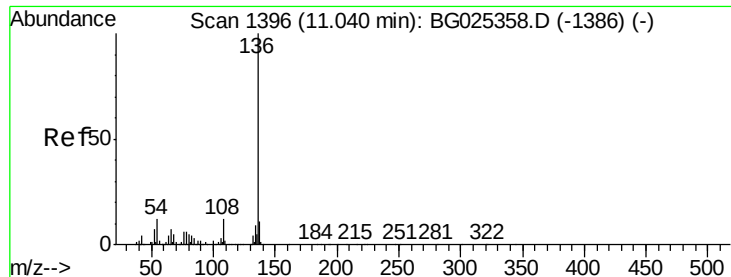
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

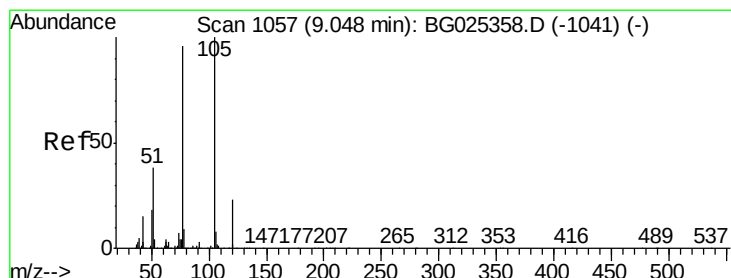
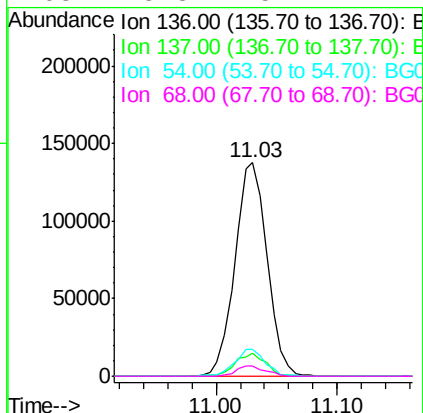
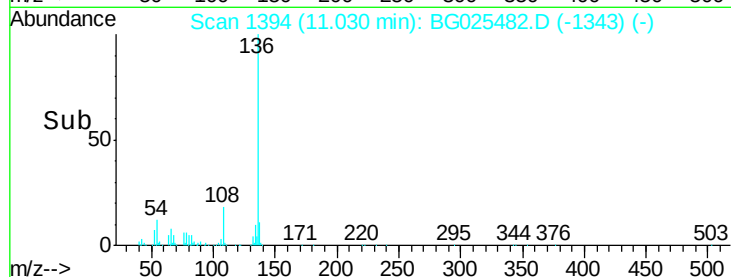
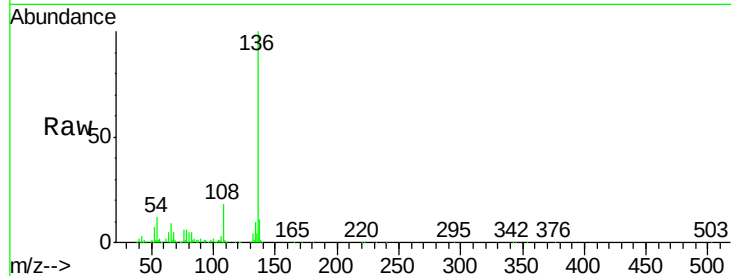




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

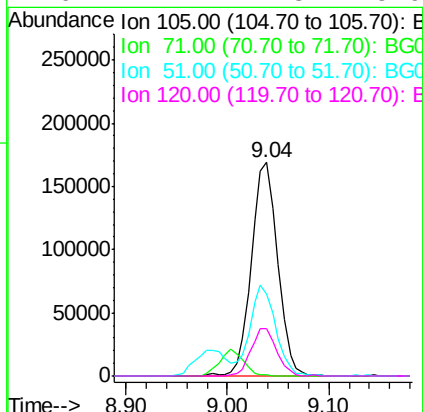
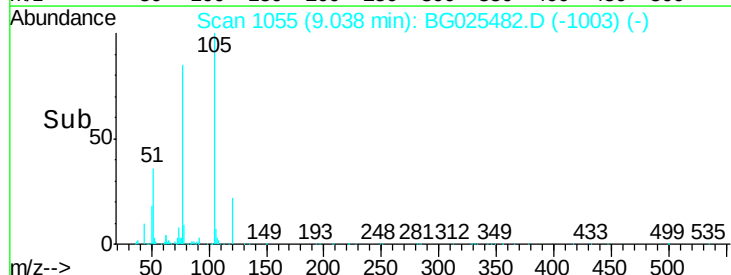
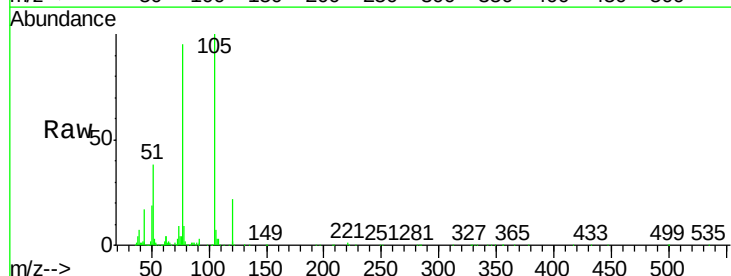
Instrument :
BNA_G
ClientSampleId :
PB95940BS

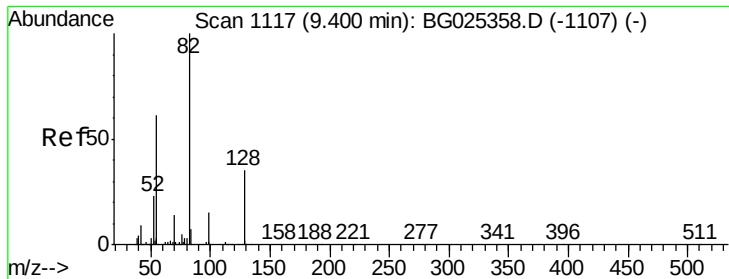
Tgt Ion:	136	Resp:	254455
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	12.3	9.3	13.9
68	5.3	5.1	7.7



#22
Acetophenone
Concen: 43.11 ng
RT: 9.04 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion:	105	Resp:	304784
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	38.4	34.0	51.0
120	22.2	17.3	25.9

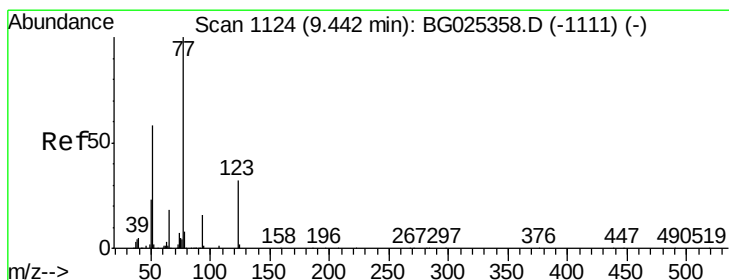
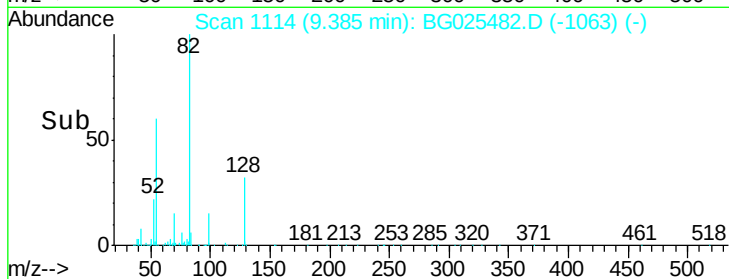
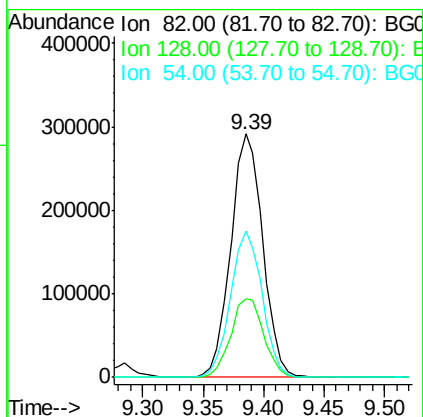
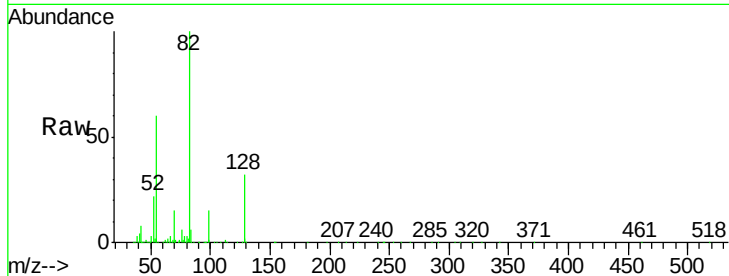




#23
 Nitrobenzene-d5
 Concen: 93.37 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

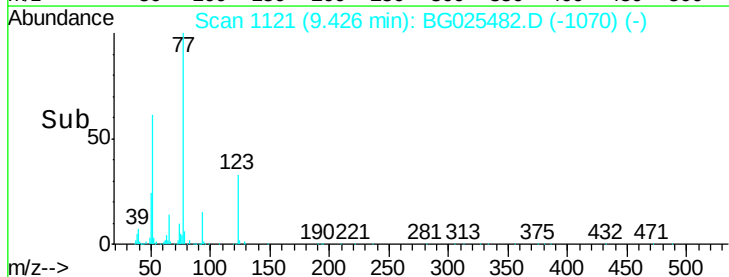
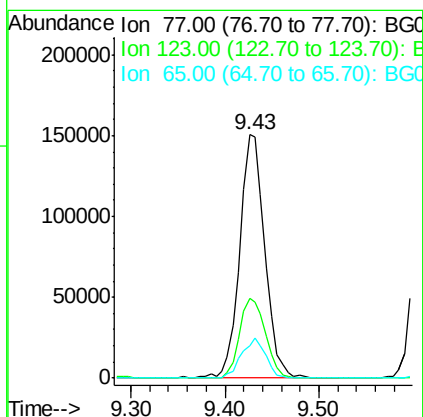
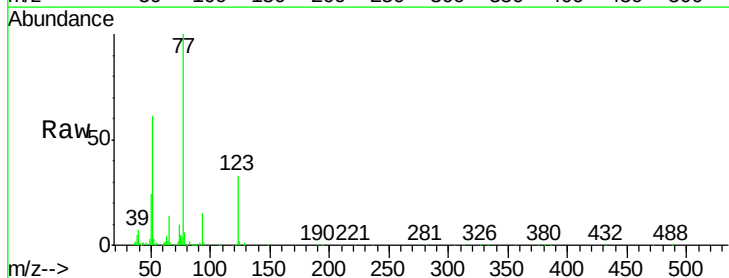
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

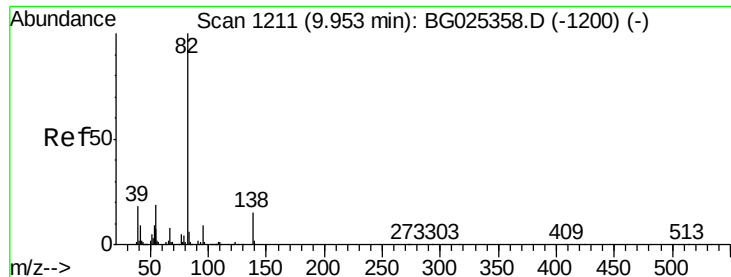
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	26.4	39.6
54	60.0	49.4	74.2



#24
 Nitrobenzene
 Concen: 43.95 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	26.1	39.1
65	13.6	12.4	18.6





#25

Isophorone

Concen: 47.57 ng

RT: 9.94 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

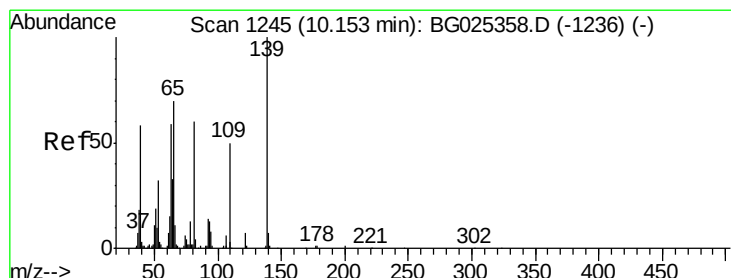
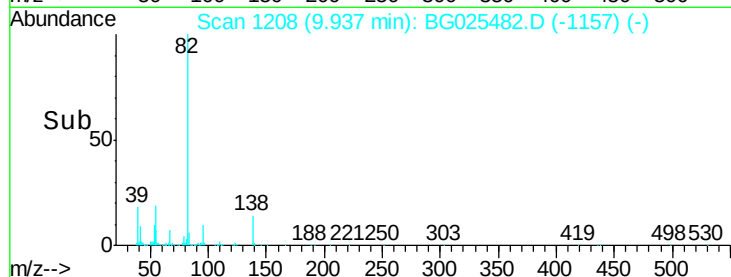
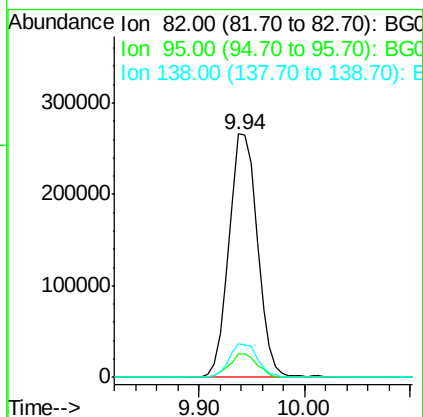
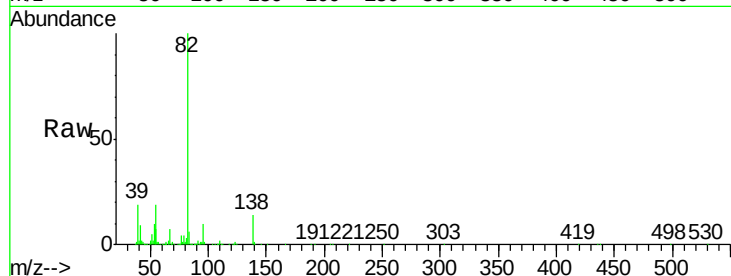
Tgt Ion: 82 Resp: 496151

Ion Ratio Lower Upper

82 100

95 9.5 7.5 11.3

138 13.8 12.3 18.5



#26

2-Nitrophenol

Concen: 47.81 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

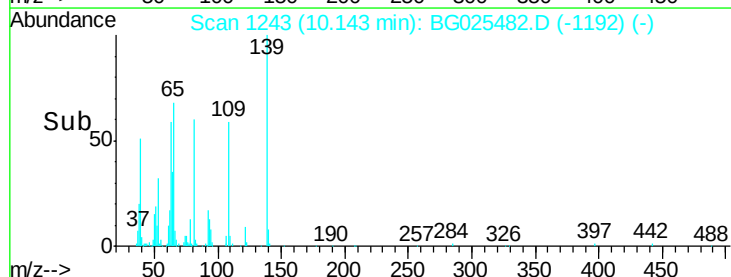
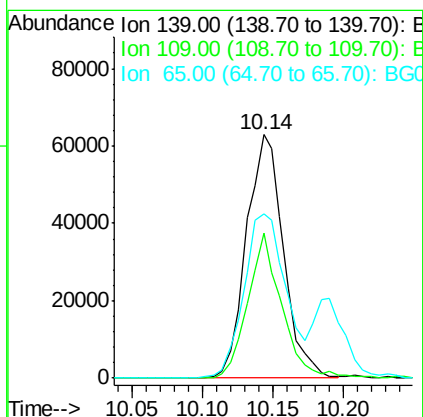
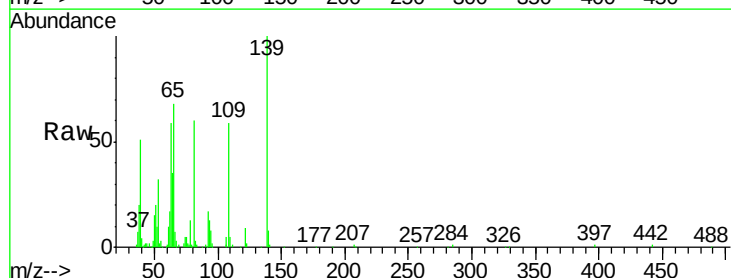
Tgt Ion: 139 Resp: 115514

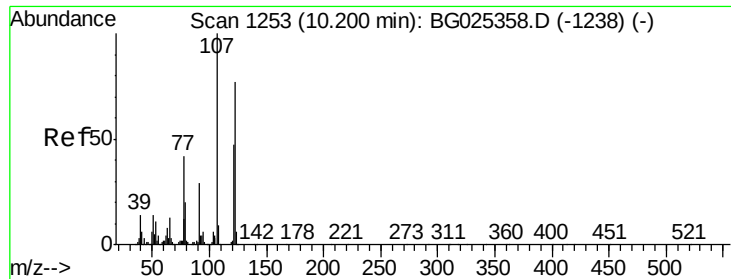
Ion Ratio Lower Upper

139 100

109 59.5 38.6 58.0#

65 67.6 57.1 85.7





#27

2,4-Dimethylphenol

Concen: 50.21 ng

RT: 10.19 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

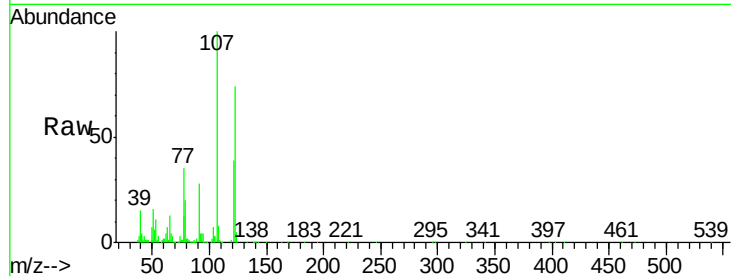
Tgt Ion: 122 Resp: 199461

Ion Ratio Lower Upper

122 100

107 135.5 104.2 156.4

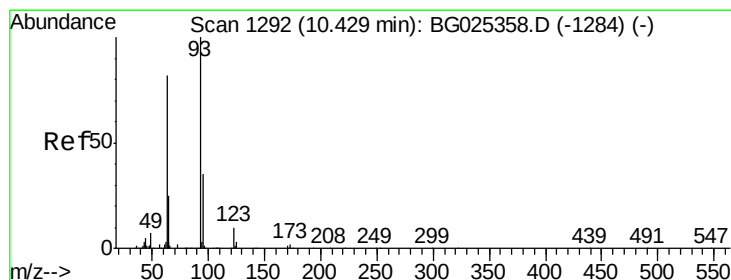
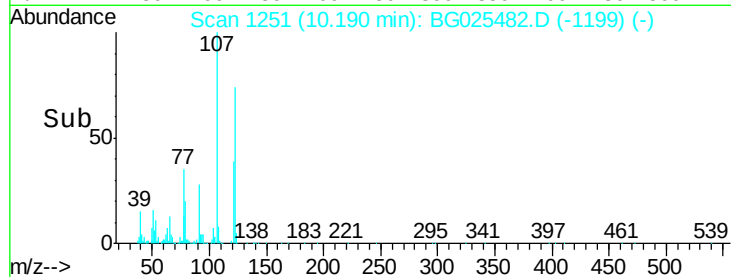
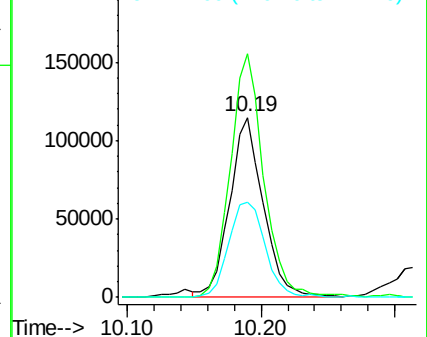
121 52.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.44 ng

RT: 10.42 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

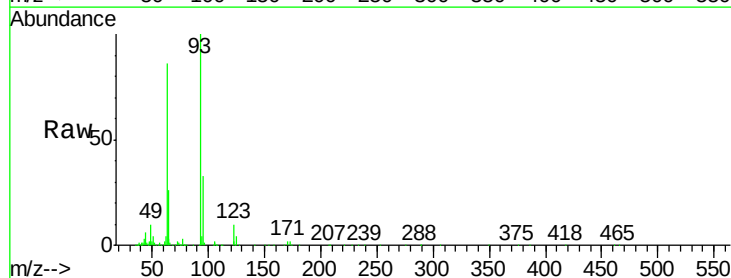
Tgt Ion: 93 Resp: 262335

Ion Ratio Lower Upper

93 100

95 33.2 25.7 38.5

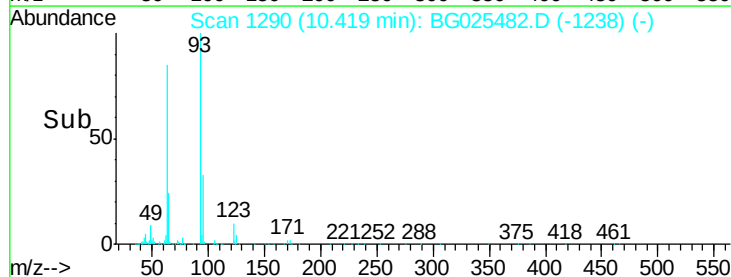
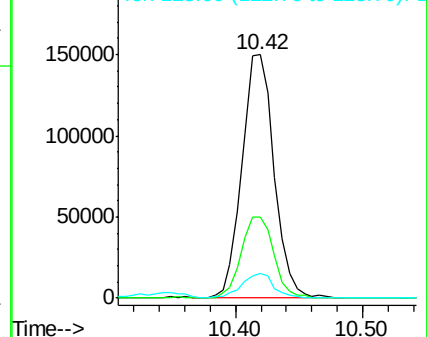
123 10.1 8.3 12.5

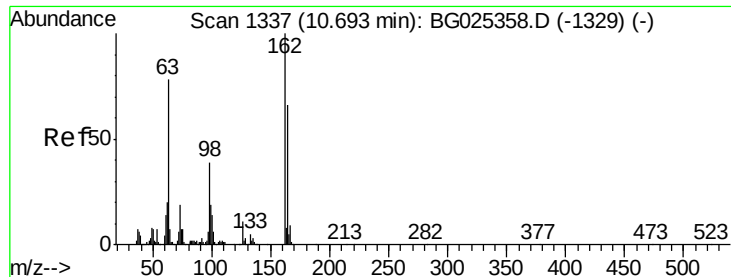


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.91 ng

RT: 10.69 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

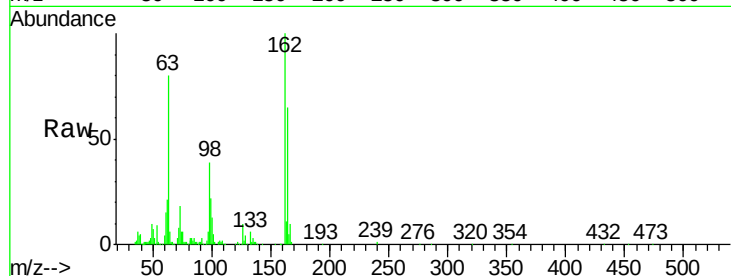
Tgt Ion:162 Resp: 216411

Ion Ratio Lower Upper

162 100

164 65.4 42.4 82.4

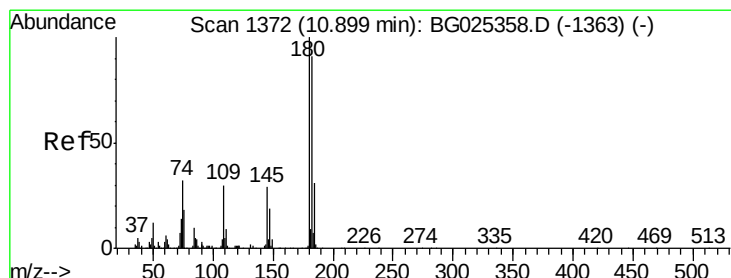
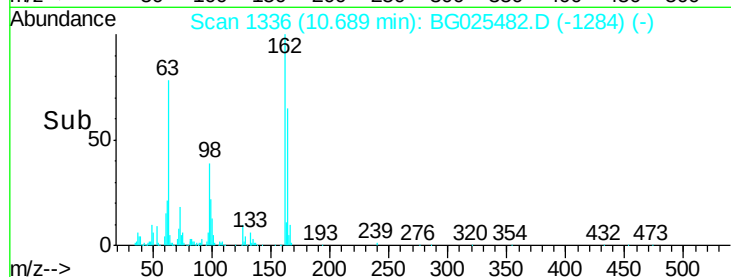
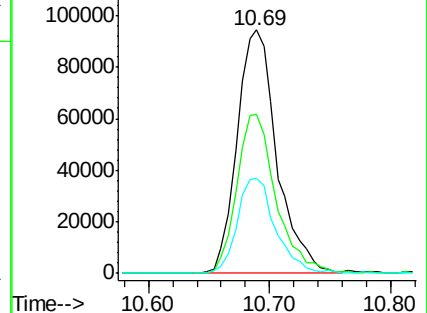
98 39.0 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.23 ng

RT: 10.89 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

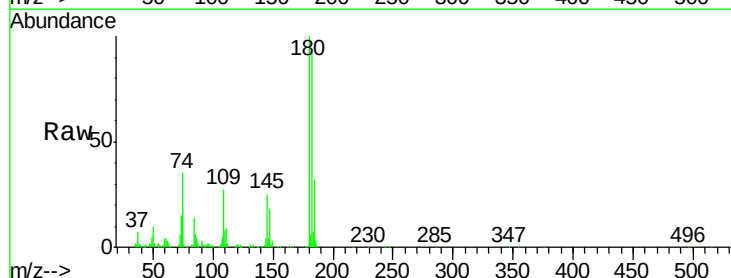
Tgt Ion:180 Resp: 222026

Ion Ratio Lower Upper

180 100

182 92.4 77.0 115.4

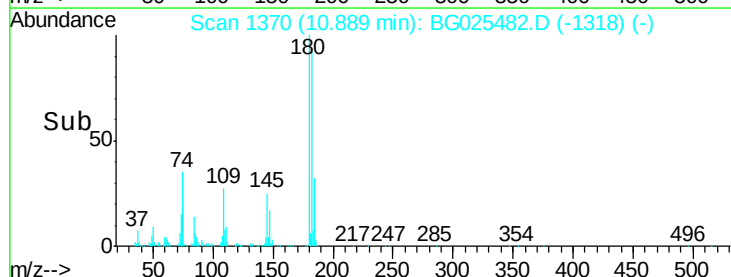
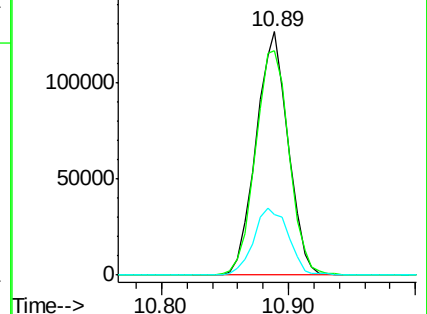
145 24.8 23.4 35.0

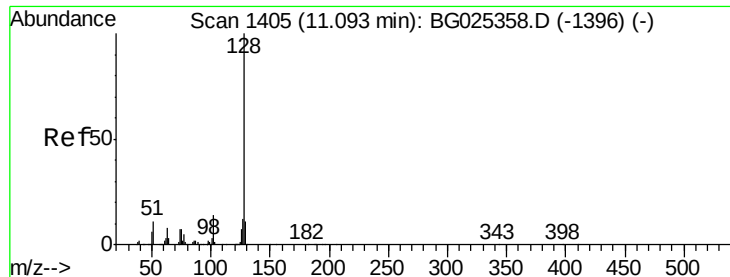


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

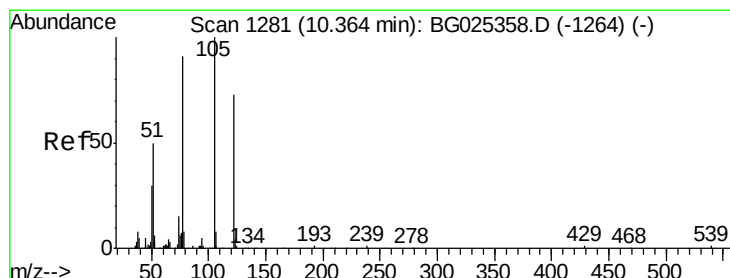
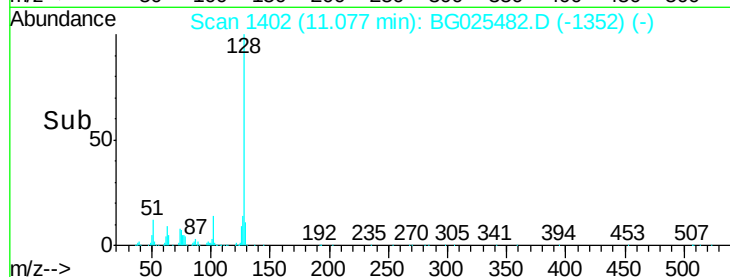
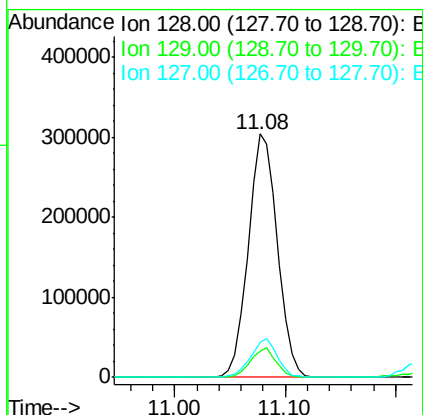
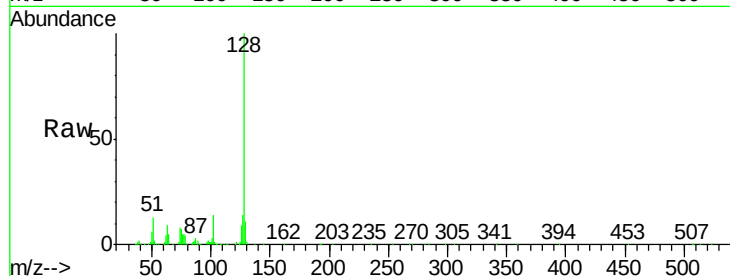




#31
Naphthalene
Concen: 44.17 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

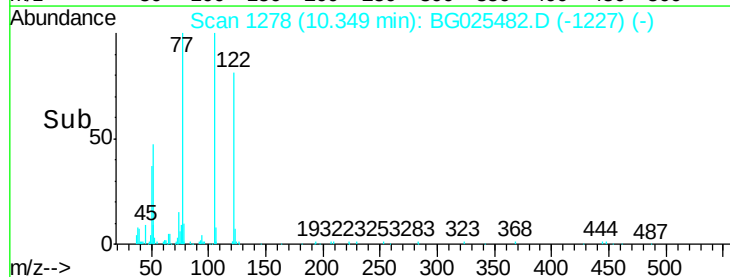
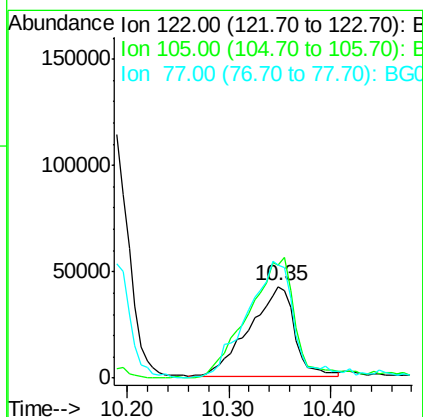
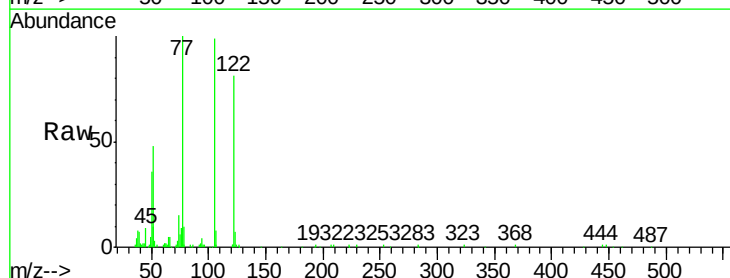
Instrument :
BNA_G
ClientSampleId :
PB95940BS

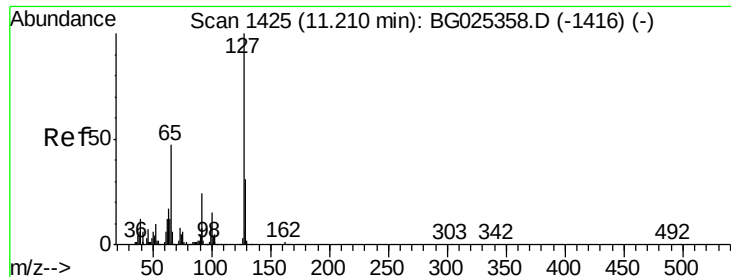
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.3	13.9
127	14.3	11.4	17.0



#32
Benzoic acid
Concen: 41.66 ng
RT: 10.35 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	120.1	160.1
77	123.3	104.6	144.6

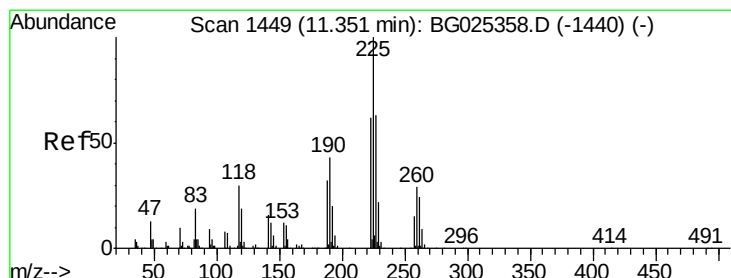
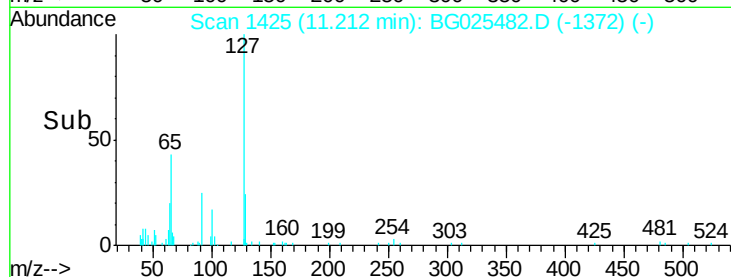
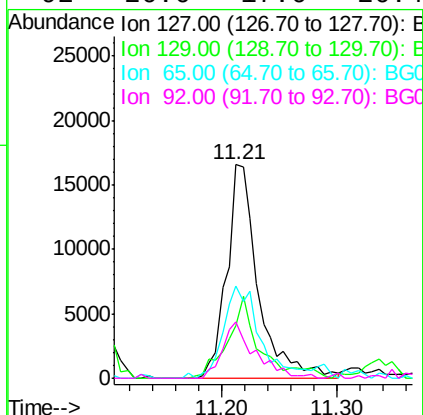
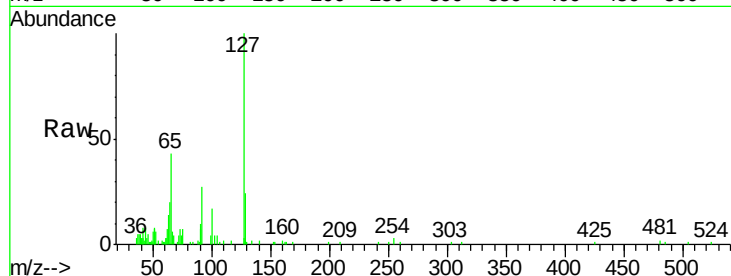




#33
 4-Chloroaniline
 Concen: 5.87 ng
 RT: 11.21 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

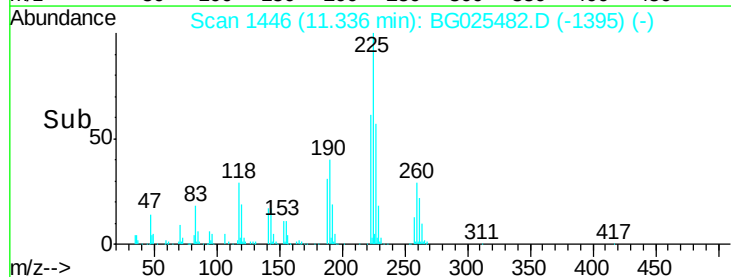
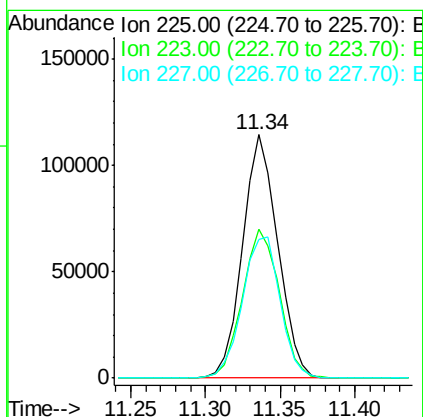
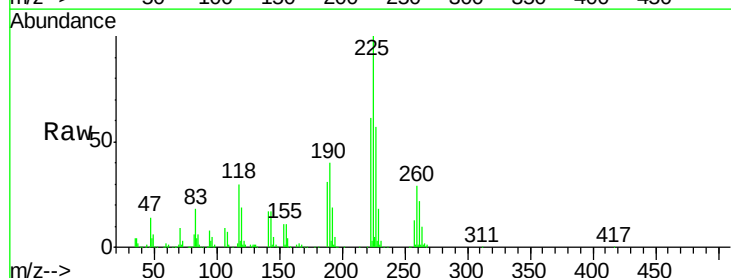
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

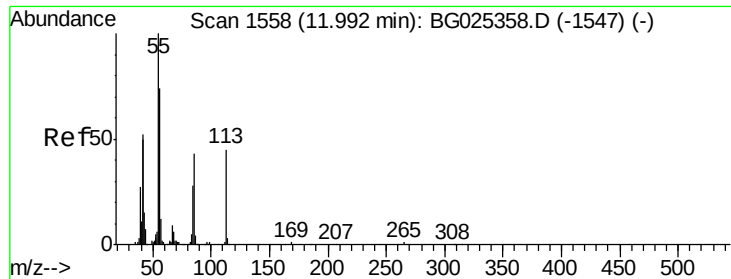
Tgt Ion:	127	Resp:	31374
Ion	Ratio	Lower	Upper
127	100		
129	24.3	23.6	35.4
65	43.0	37.7	56.5
92	26.6	17.6	26.4



#34
 Hexachlorobutadiene
 Concen: 44.48 ng
 RT: 11.34 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:	225	Resp:	186457
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	56.9	49.0	73.6





#35

Caprolactam

Concen: 25.88 ng

RT: 11.98 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

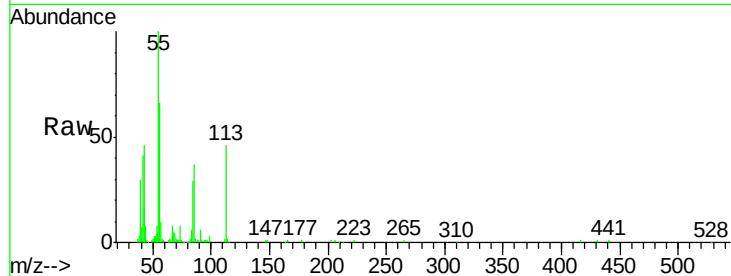
Tgt Ion:113 Resp: 41341

Ion Ratio Lower Upper

113 100

55 218.4 198.6 238.6

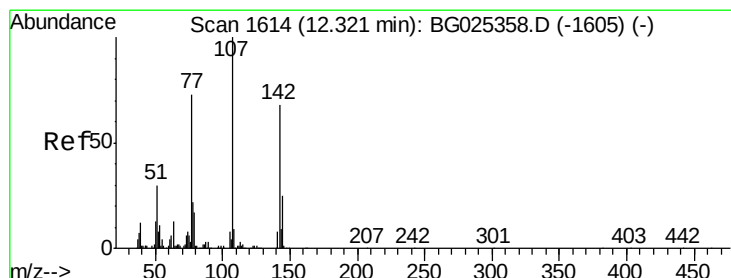
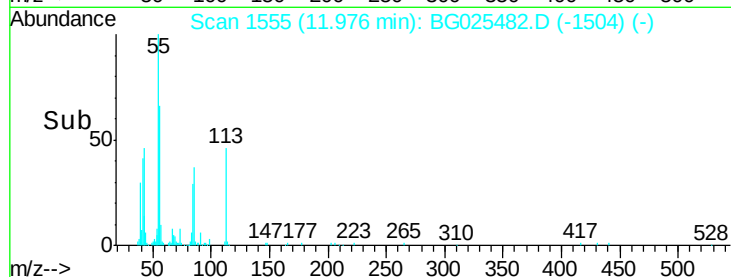
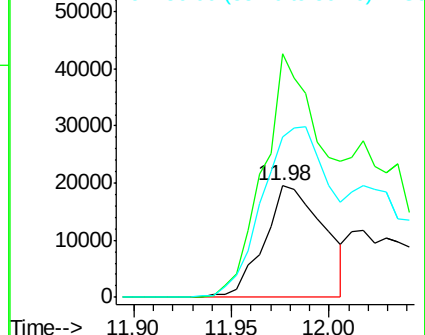
56 144.1 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.71 ng

RT: 12.31 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

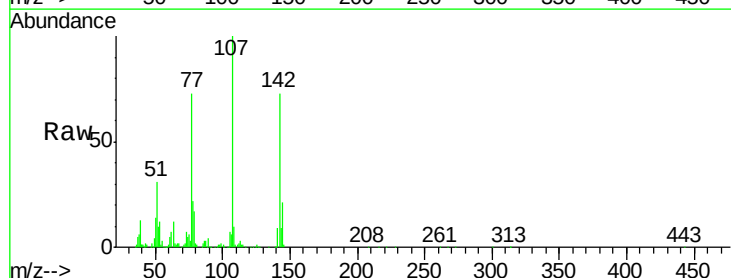
Tgt Ion:107 Resp: 245107

Ion Ratio Lower Upper

107 100

144 21.3 17.4 26.0

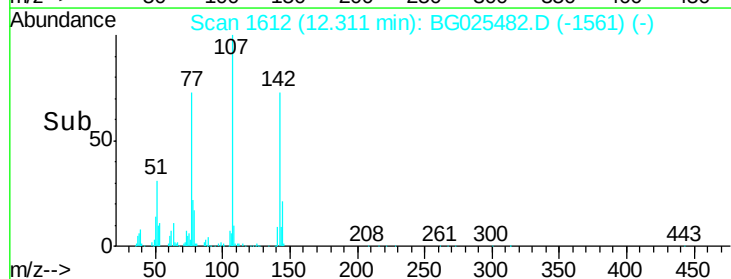
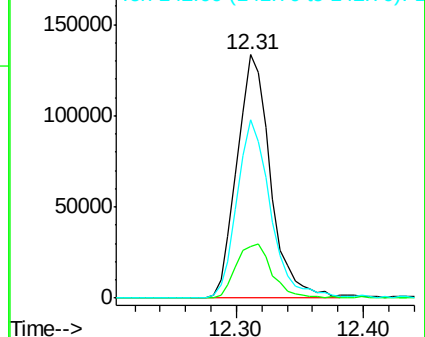
142 73.1 54.1 81.1

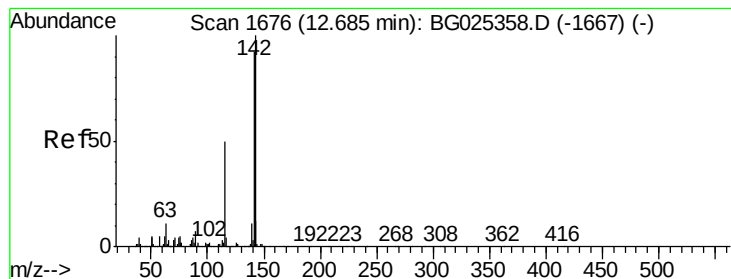


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.20 ng

RT: 12.67 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

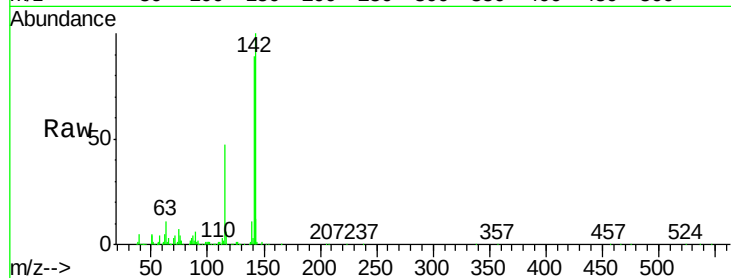
Tgt Ion:142 Resp: 435061

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

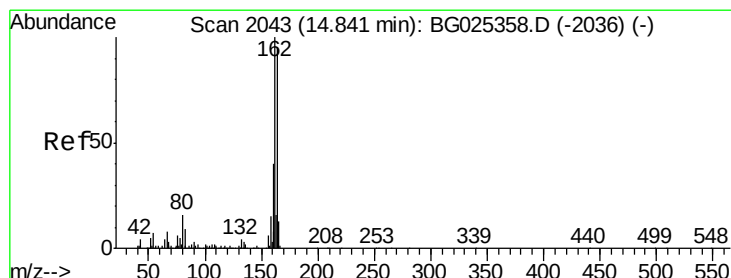
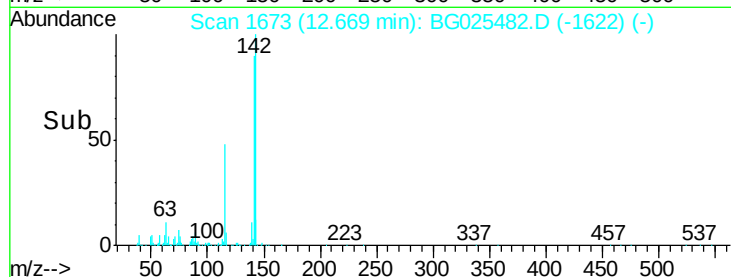
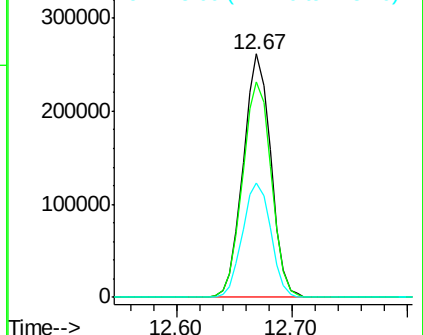
115 47.1 35.5 53.3



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: 14.83 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

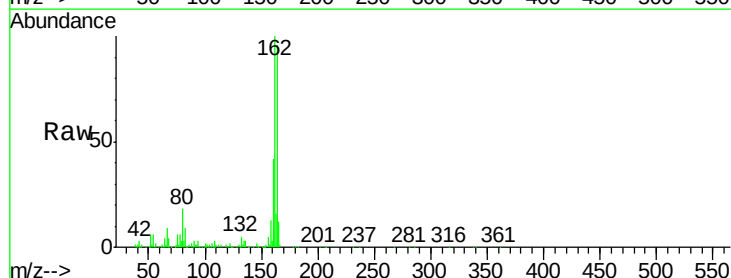
Tgt Ion:164 Resp: 203638

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

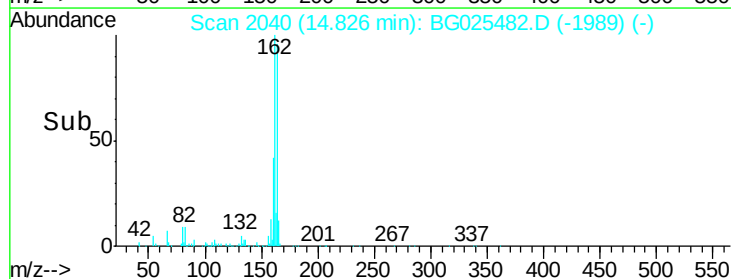
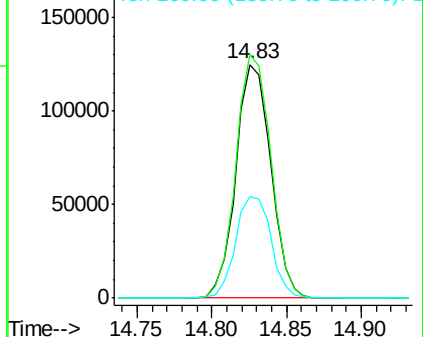
160 43.4 34.7 52.1

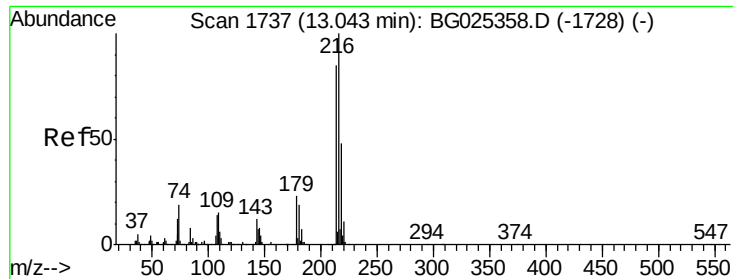


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

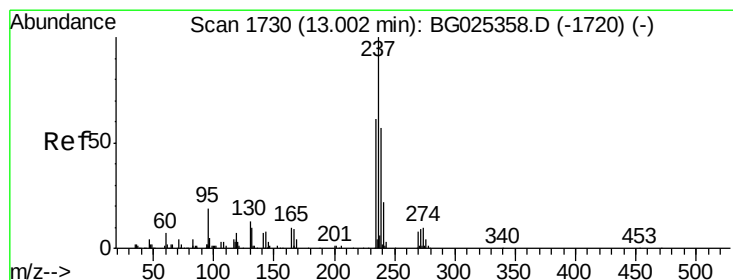
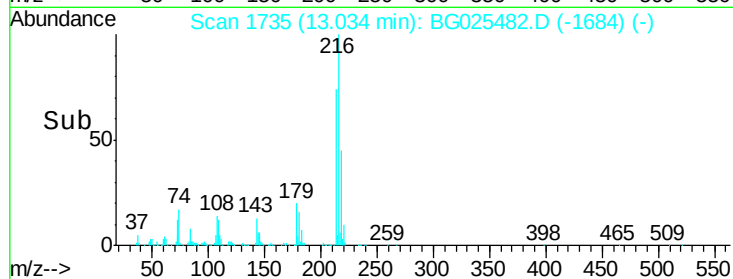
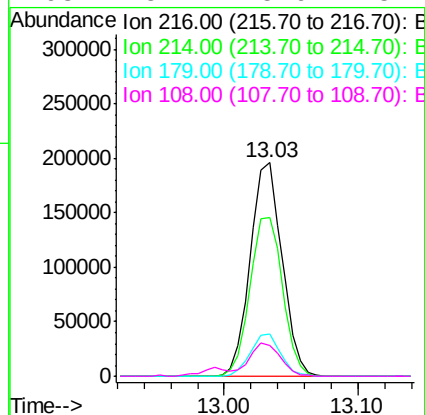
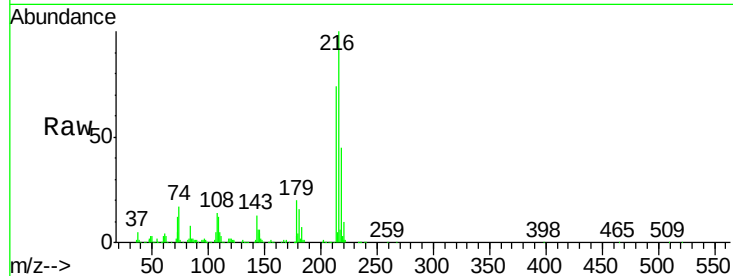




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.86 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

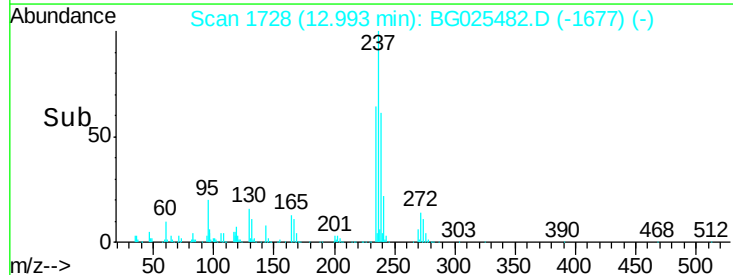
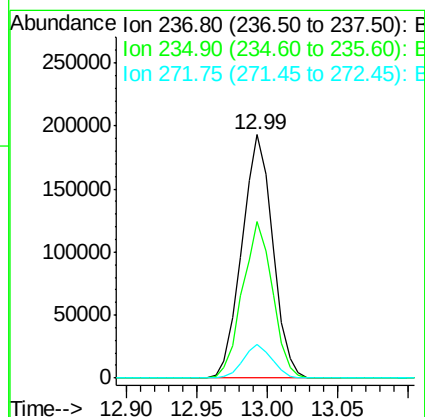
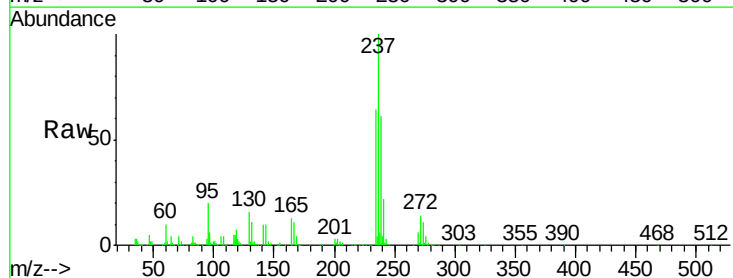
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

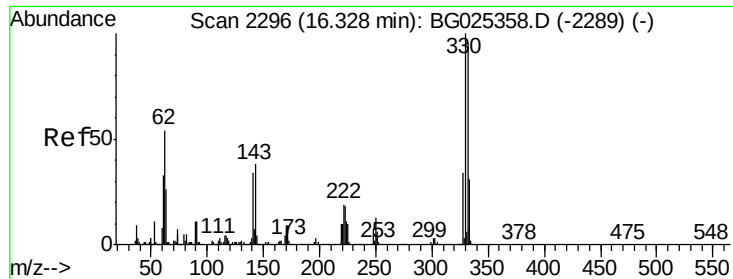
Tgt Ion:	216	Resp:	321802
Ion	Ratio	Lower	Upper
216	100		
214	76.1	64.4	96.6
179	19.0	17.4	26.0
108	15.1	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 115.96 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:	237	Resp:	295286
Ion	Ratio	Lower	Upper
237	100		
235	64.3	39.4	79.4
272	13.7	0.0	32.0

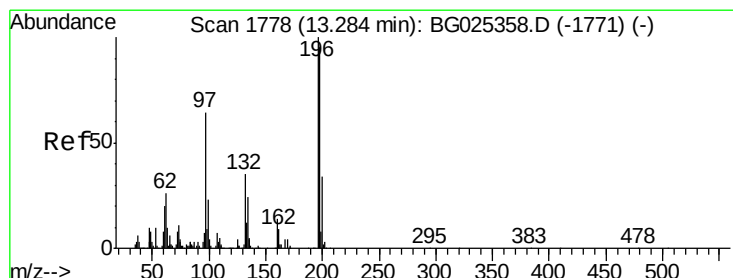
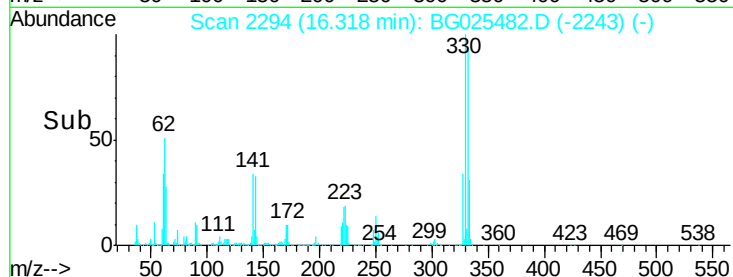
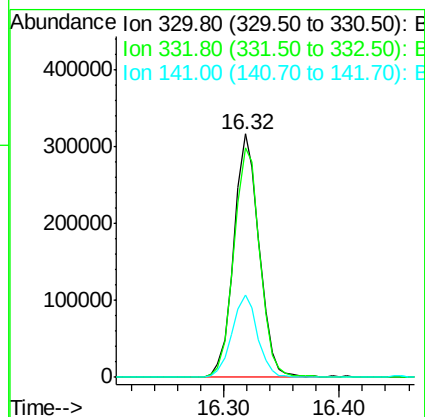
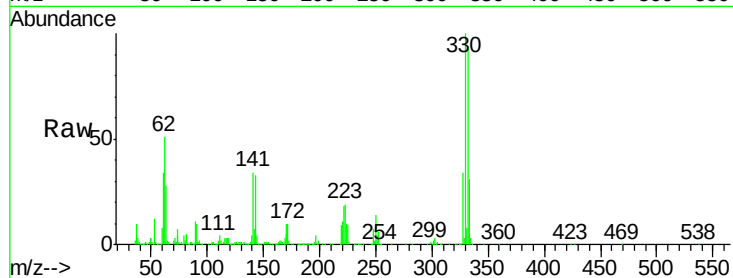




#41
 2,4,6-Tribromophenol
 Concen: 146.92 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

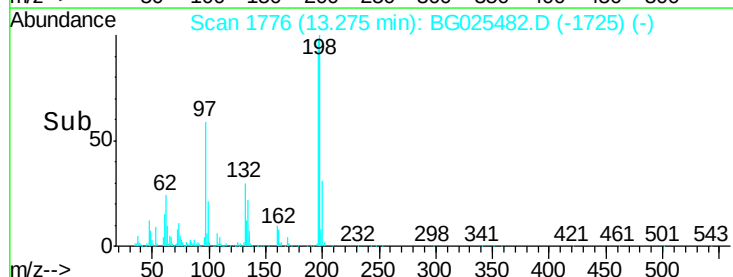
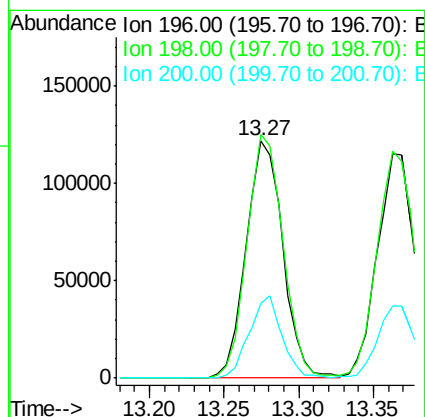
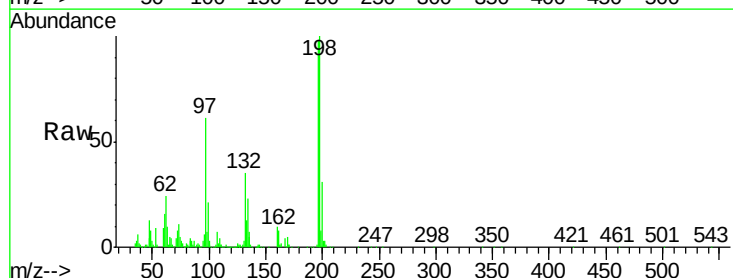
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

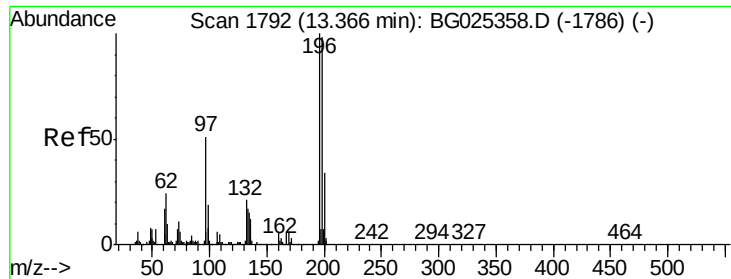
Tgt Ion:330 Resp: 481676
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 34.2 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.03 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:196 Resp: 207565
 Ion Ratio Lower Upper
 196 100
 198 102.5 81.4 122.2
 200 31.5 27.0 40.6

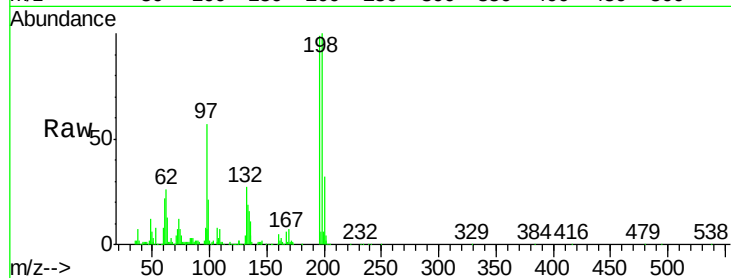




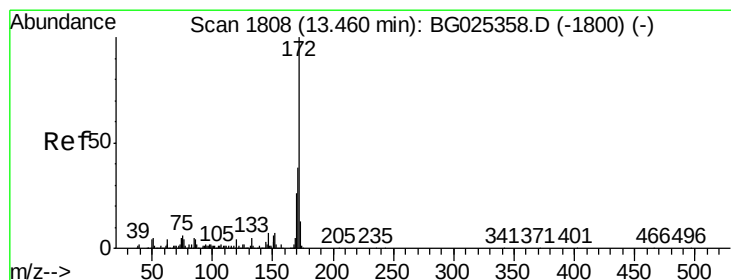
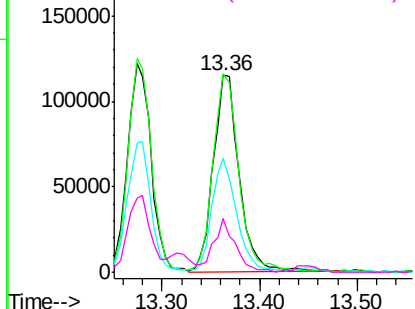
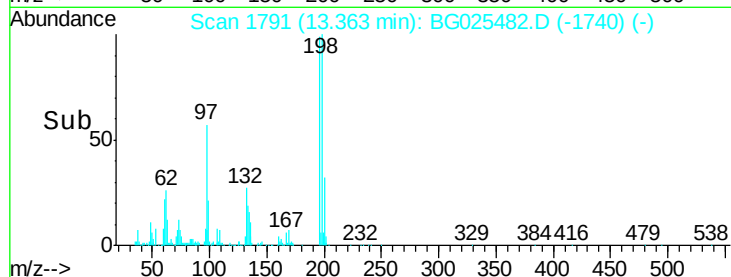
#43
2,4,5-Trichlorophenol
Concen: 47.52 ng
RT: 13.36 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Instrument :
BNA_G
ClientSampleId :
PB95940BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	79.9	119.9
97	58.0	45.4	68.0
132	27.6	20.7	31.1

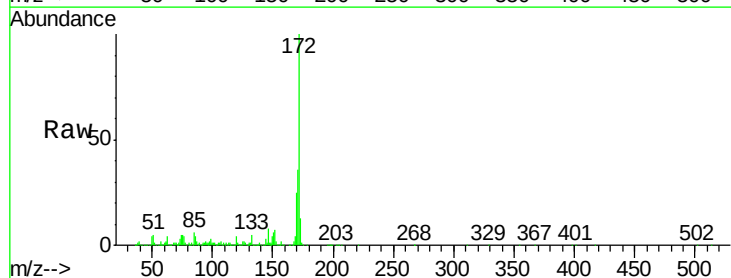


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

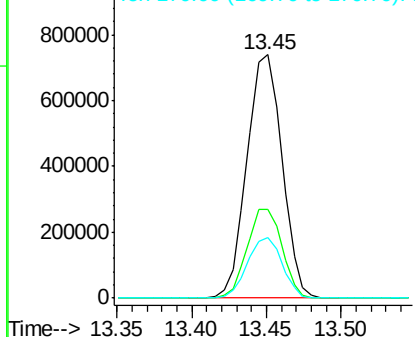
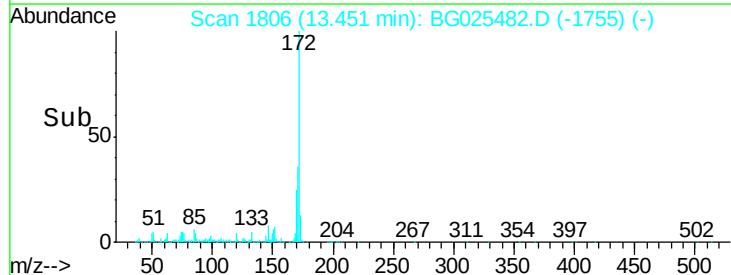


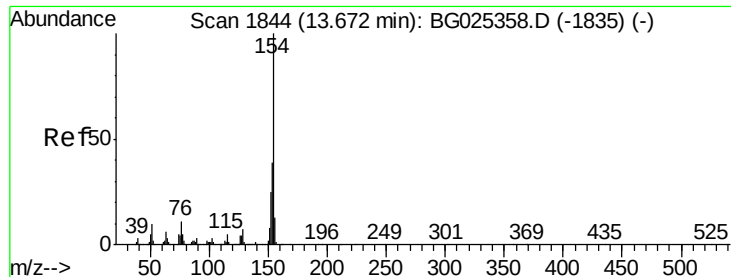
#44
2-Fluorobiphenyl
Concen: 95.40 ng
RT: 13.45 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	24.9	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.16 ng

RT: 13.66 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

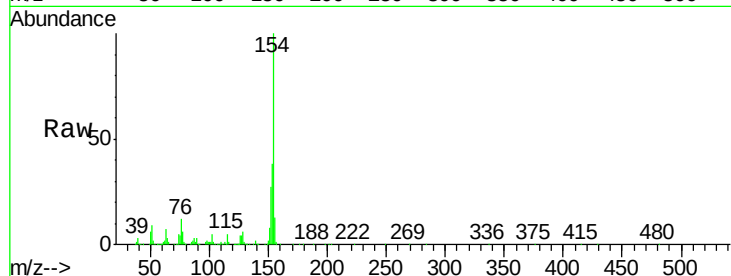
Tgt Ion:154 Resp: 632264

Ion Ratio Lower Upper

154 100

153 38.3 23.0 63.0

76 12.5 0.0 33.5

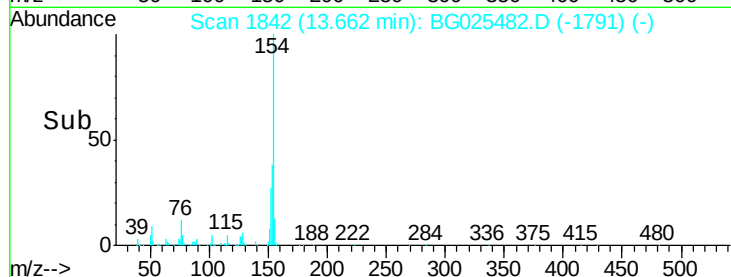


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B

Time-->



13.66

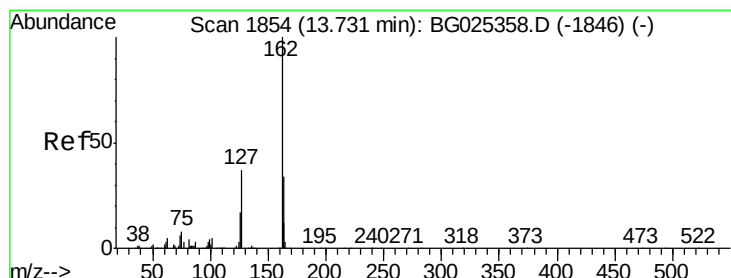
400000

300000

200000

100000

0



#46

2-Chloronaphthalene

Concen: 47.27 ng

RT: 13.72 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

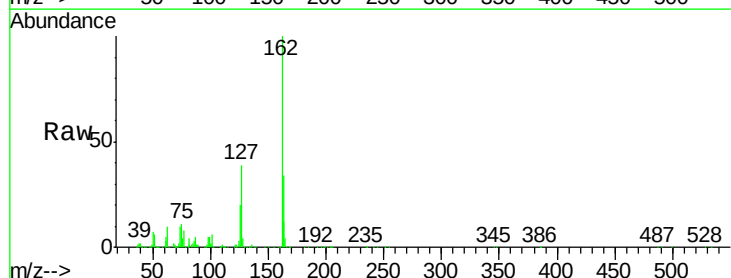
Tgt Ion:162 Resp: 505850

Ion Ratio Lower Upper

162 100

127 38.6 32.2 48.4

164 33.6 27.3 40.9

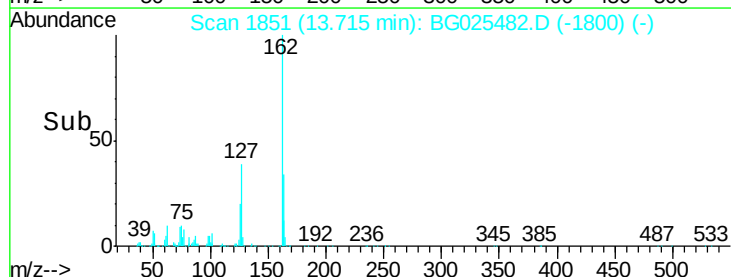


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



13.72

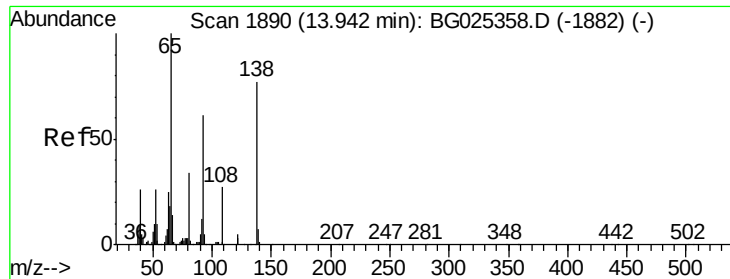
400000

300000

200000

100000

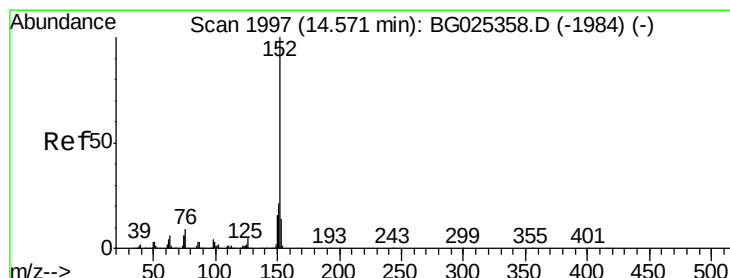
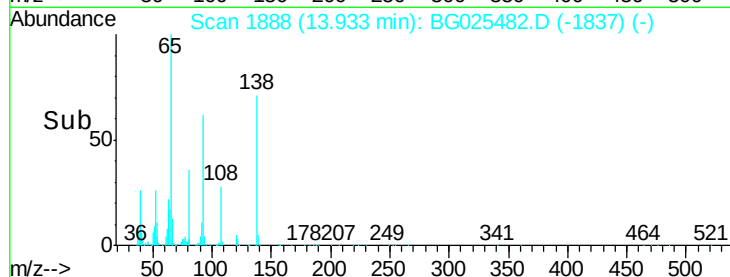
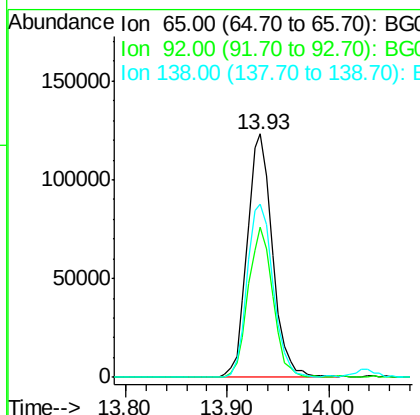
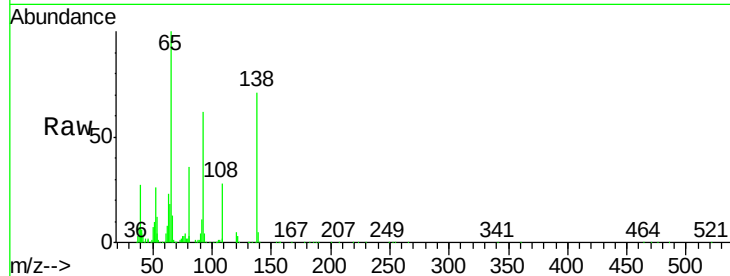
0



#47
2-Nitroaniline
Concen: 47.17 ng
RT: 13.93 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

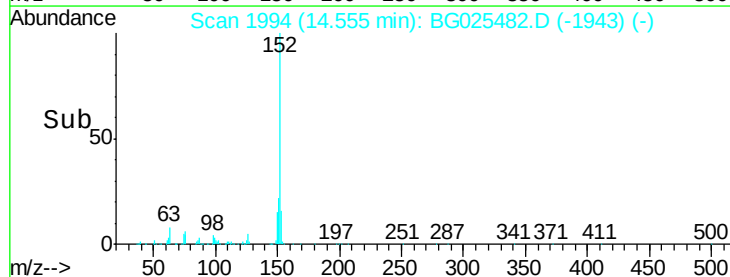
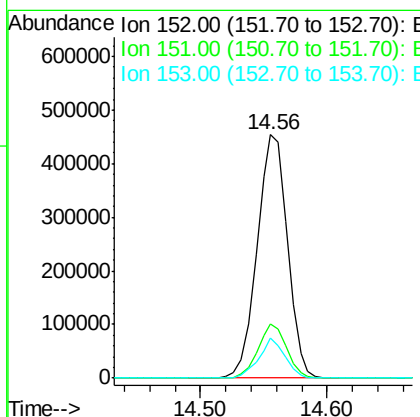
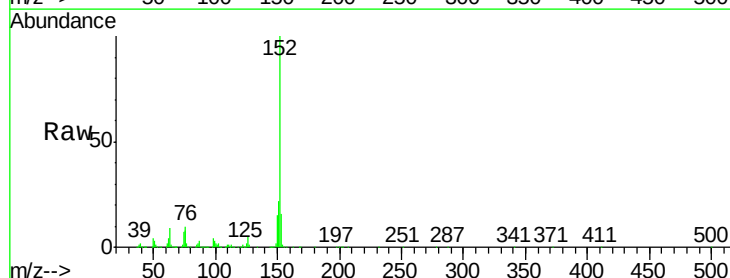
Instrument :
BNA_G
ClientSampleId :
PB95940BS

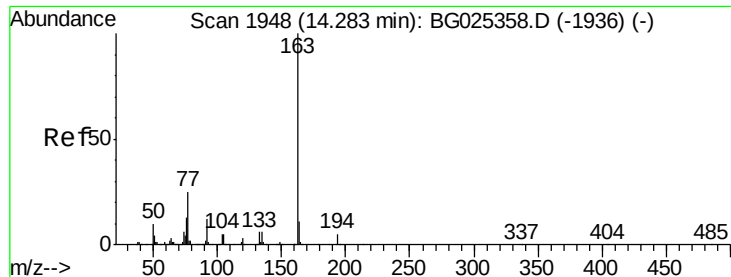
Tgt Ion: 65 Resp: 213059
Ion Ratio Lower Upper
65 100
92 61.7 49.0 73.4
138 71.3 58.6 87.8



#48
Acenaphthylene
Concen: 45.52 ng
RT: 14.56 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion: 152 Resp: 754935
Ion Ratio Lower Upper
152 100
151 22.0 18.2 27.2
153 16.2 11.3 16.9





#49

Dimethylphthalate

Concen: 47.37 ng

RT: 14.27 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

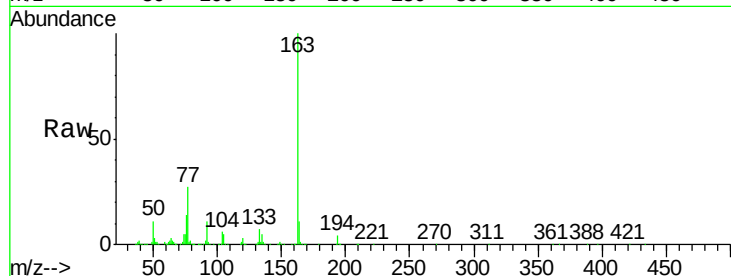
Tgt Ion:163 Resp: 703302

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

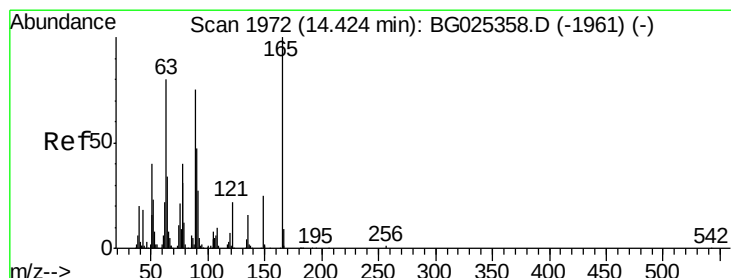
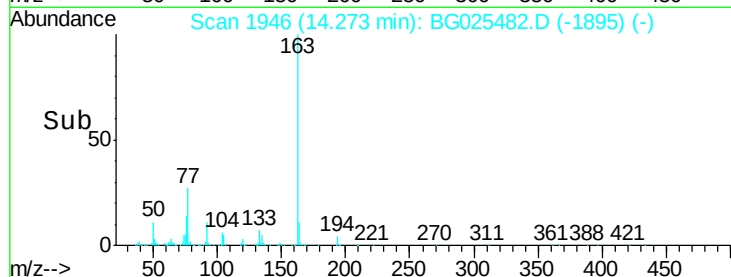
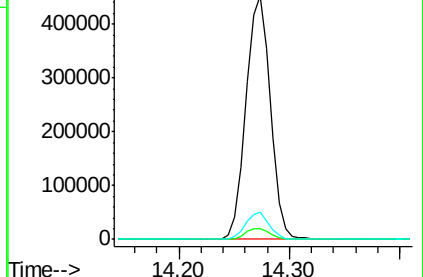
164 11.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.98 ng

RT: 14.41 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

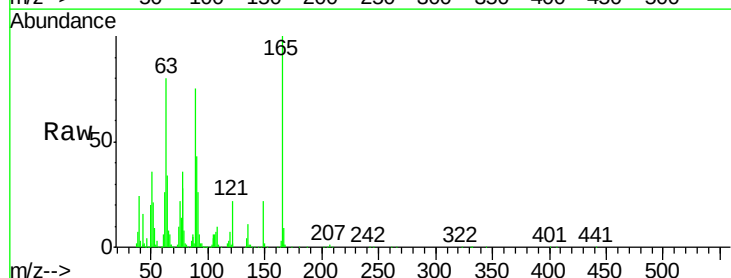
Tgt Ion:165 Resp: 155613

Ion Ratio Lower Upper

165 100

63 79.5 63.9 95.9

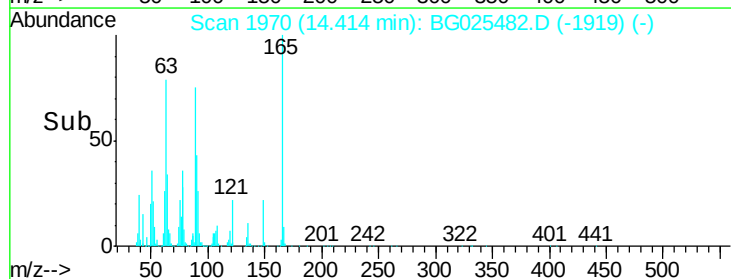
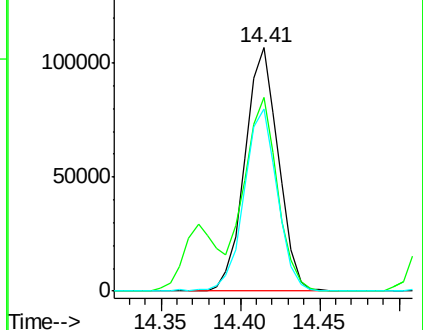
89 74.9 58.6 88.0

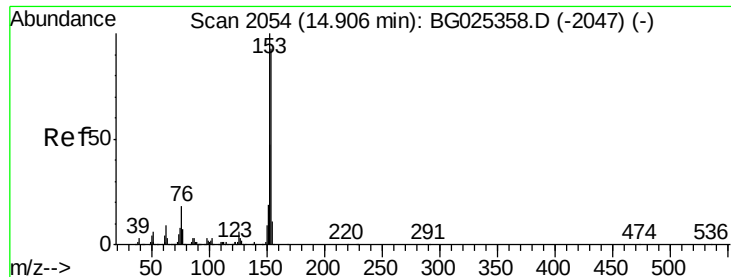


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.83 ng

RT: 14.89 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

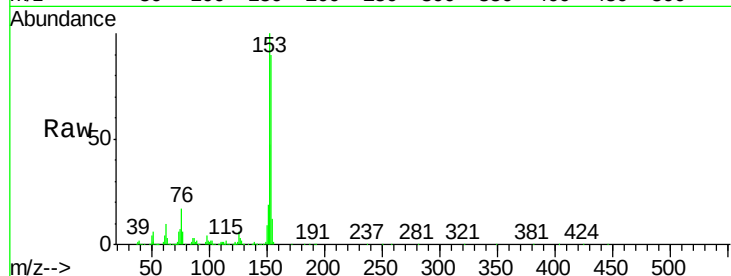
Tgt Ion:154 Resp: 486328

Ion Ratio Lower Upper

154 100

153 111.4 87.8 131.6

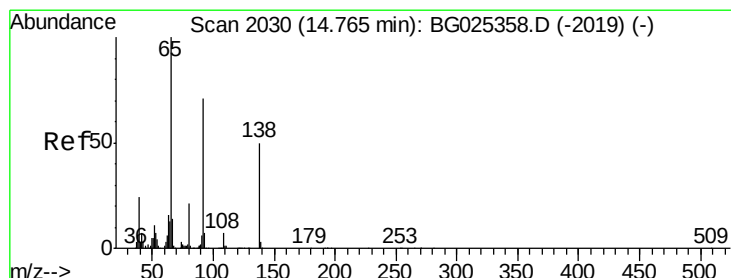
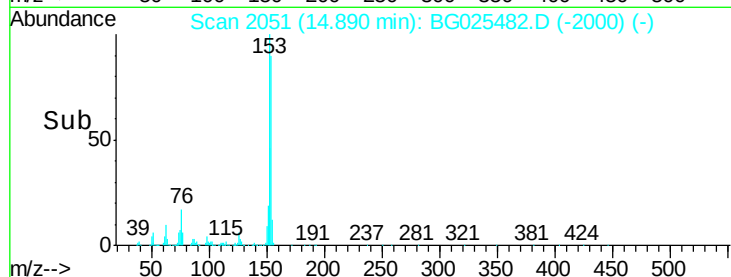
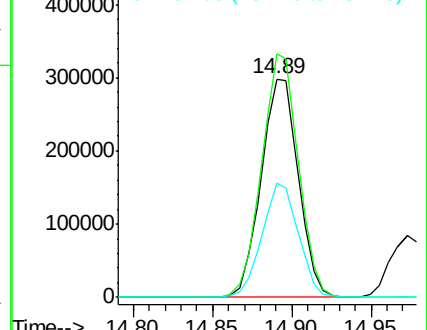
152 52.5 42.2 63.4



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: 13.42 ng

RT: 14.76 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

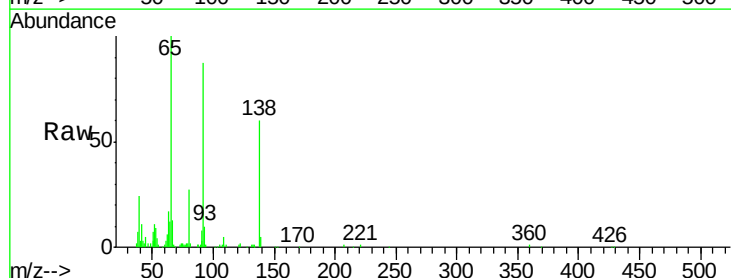
Tgt Ion:138 Resp: 41843

Ion Ratio Lower Upper

138 100

108 7.9 10.9 16.3#

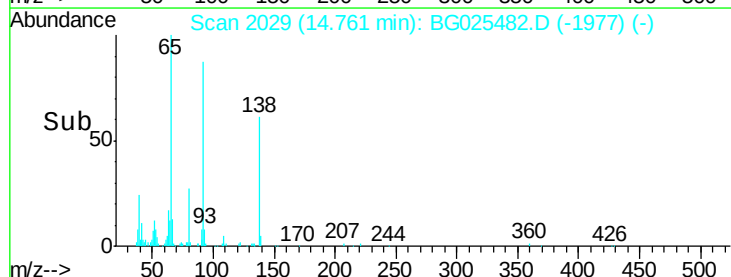
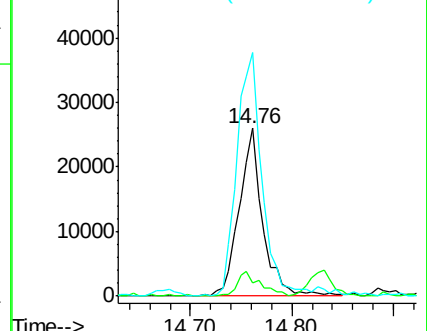
92 145.0 115.3 172.9

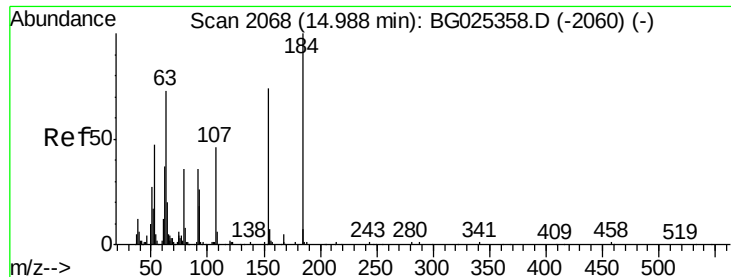


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 93.56 ng

RT: 14.97 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

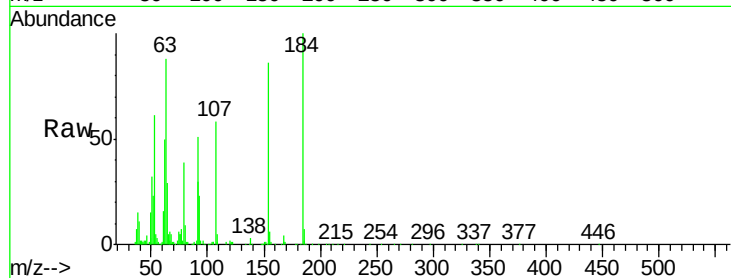
Tgt Ion:184 Resp: 200924

Ion Ratio Lower Upper

184 100

63 87.7 52.7 79.1#

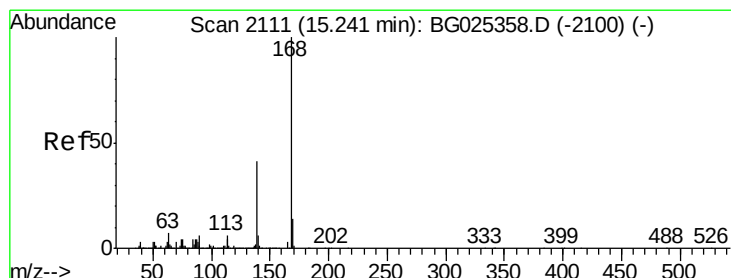
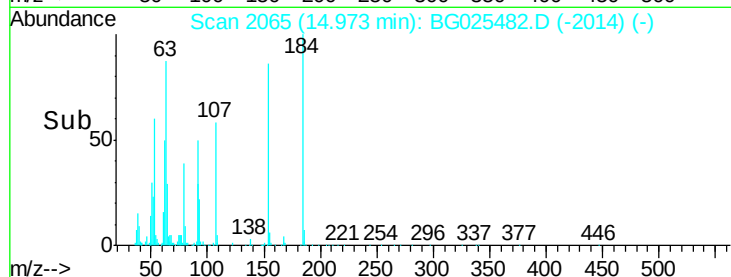
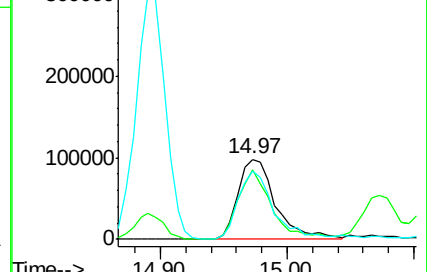
154 86.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.66 ng

RT: 15.23 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

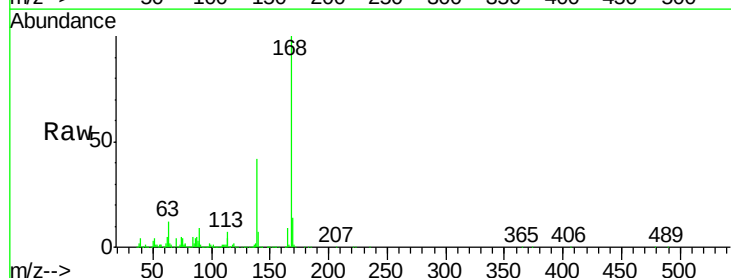
Tgt Ion:168 Resp: 817299

Ion Ratio Lower Upper

168 100

139 42.5 35.3 52.9

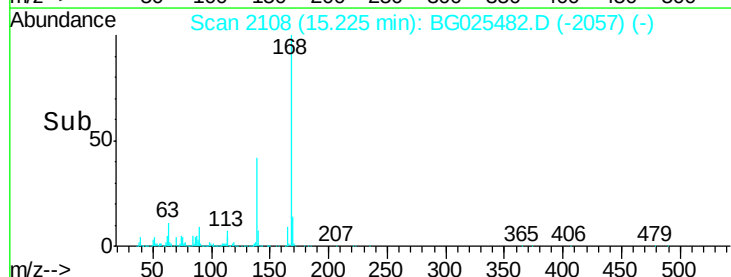
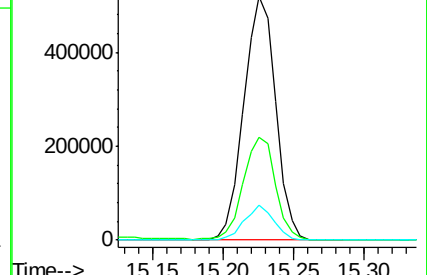
169 14.2 11.5 17.3

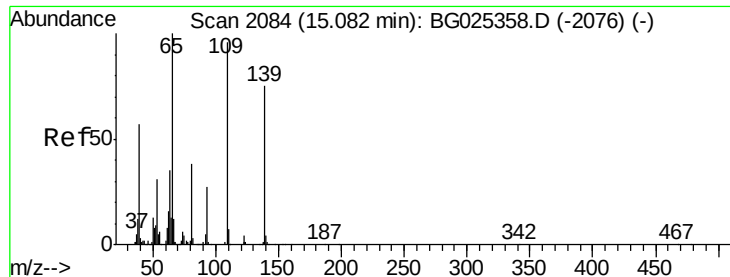


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

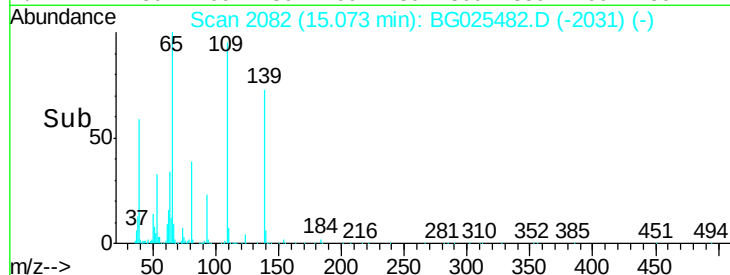
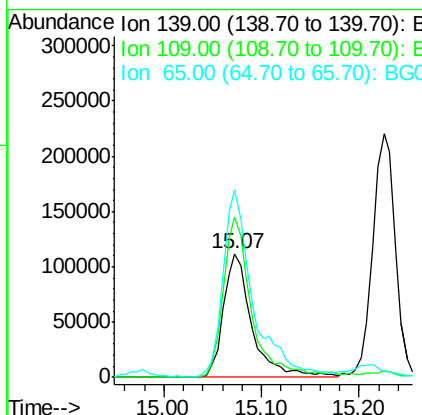
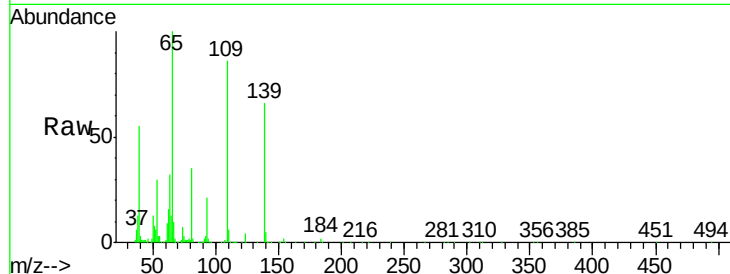




#55
4-Nitrophenol
Concen: 97.54 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

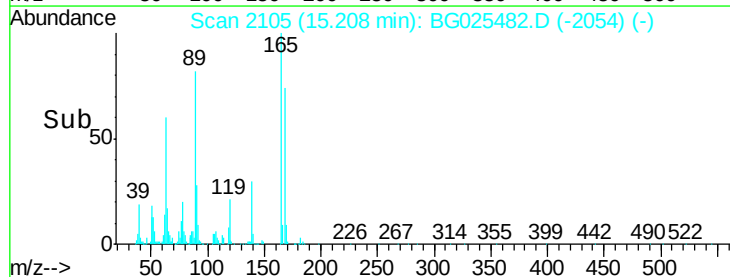
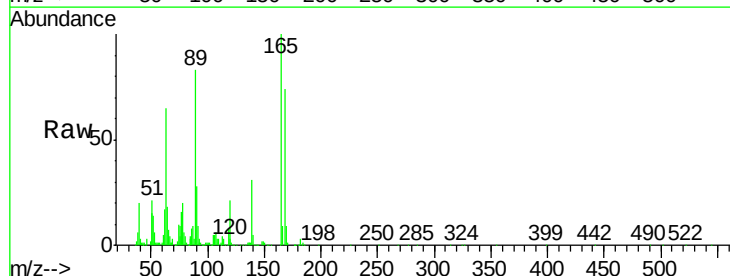
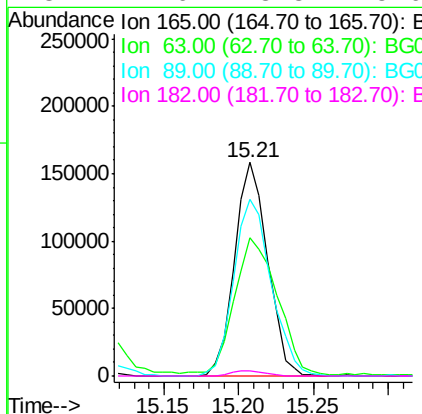
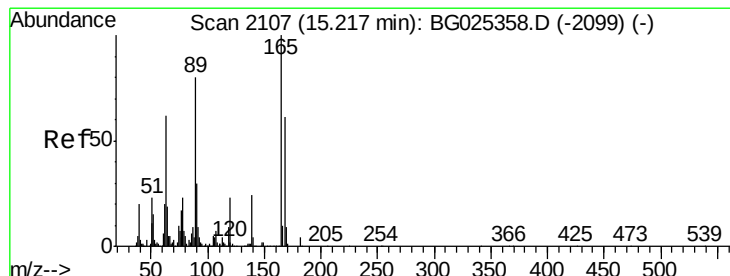
Instrument :
BNA_G
ClientSampleId :
PB95940BS

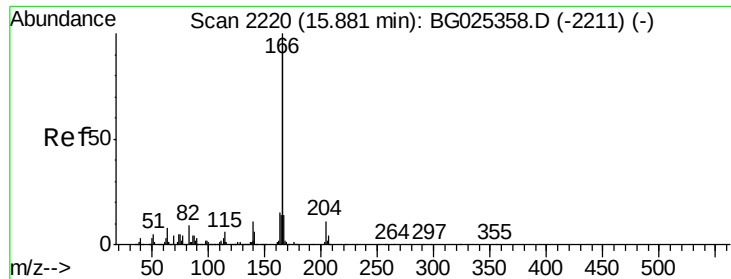
Tgt Ion	Ratio	Lower	Upper
139	100		
109	130.3	101.2	141.2
65	151.3	135.3	175.3



#56
2,4-Dinitrotoluene
Concen: 51.56 ng
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.9	44.0	66.0
89	82.6	67.3	100.9
182	2.6	3.8	5.6#





#57

Fluorene

Concen: 46.84 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

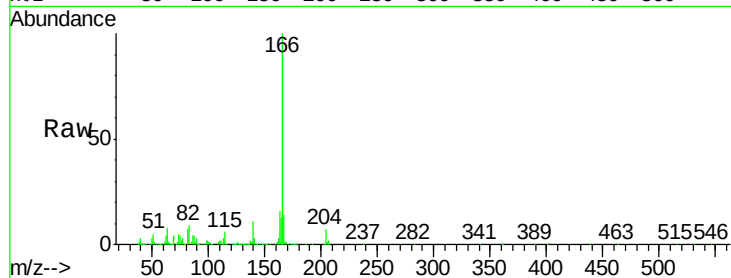
Tgt Ion:166 Resp: 672471

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

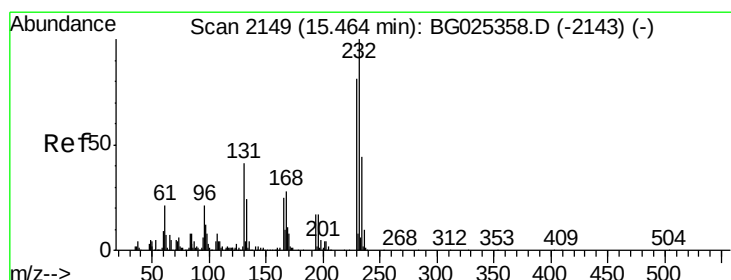
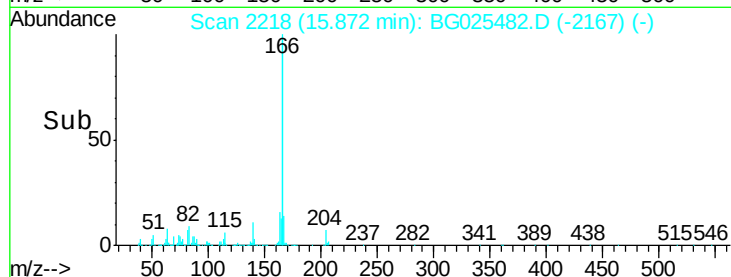
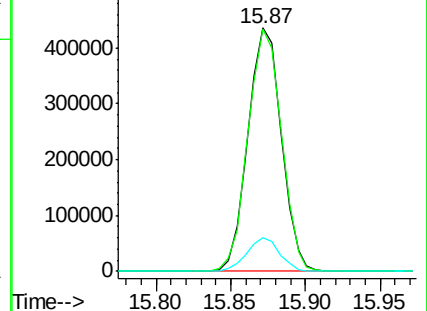
167 13.8 11.6 17.4



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: 47.24 ng

RT: 15.45 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Tgt Ion:232 Resp: 224230

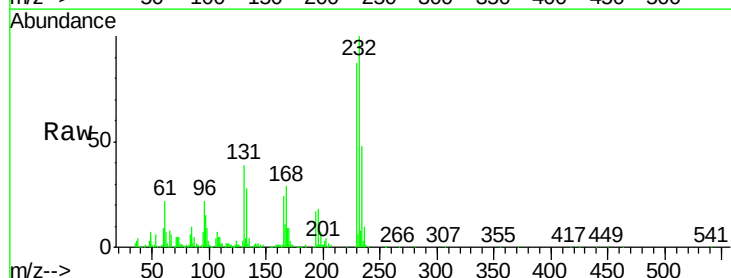
Ion Ratio Lower Upper

232 100

131 40.7 34.9 52.3

130 3.1 2.3 3.5

166 27.5 24.2 36.4

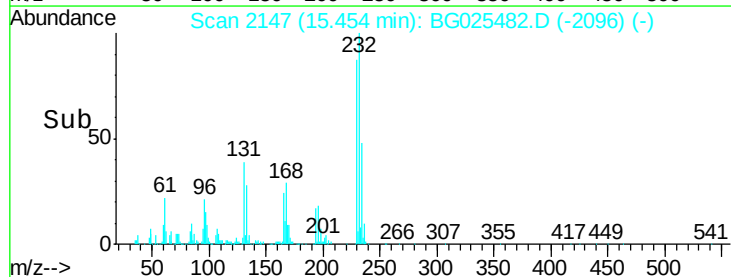
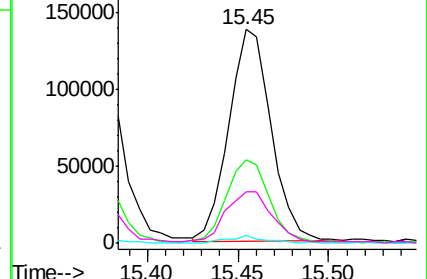


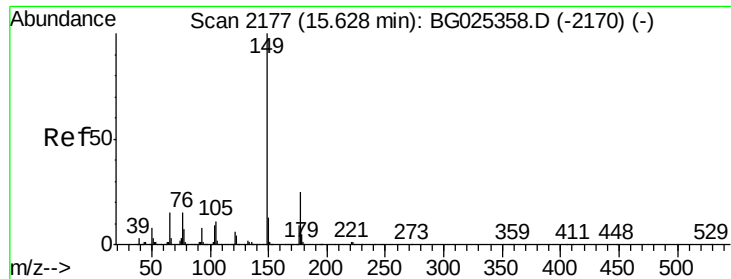
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.55 ng

RT: 15.62 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

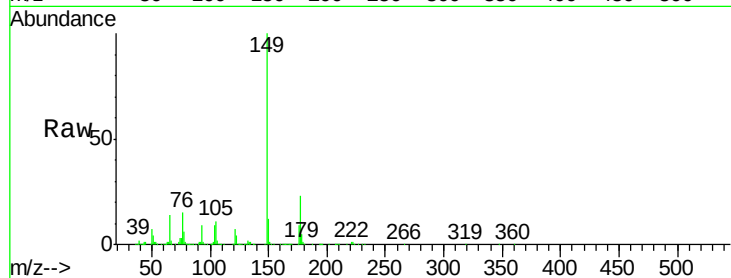
Tgt Ion:149 Resp: 740259

Ion Ratio Lower Upper

149 100

177 23.3 20.1 30.1

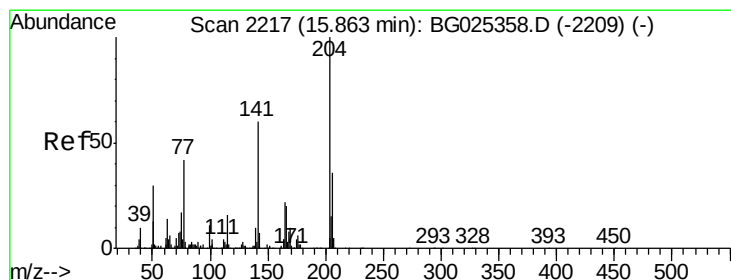
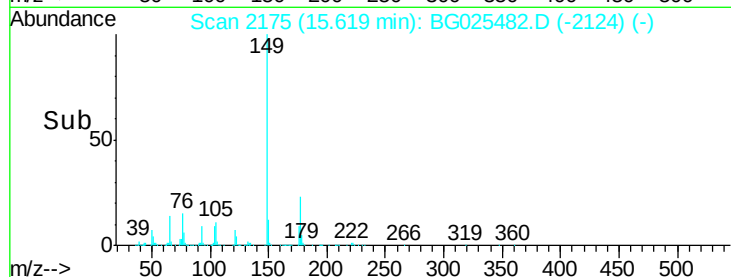
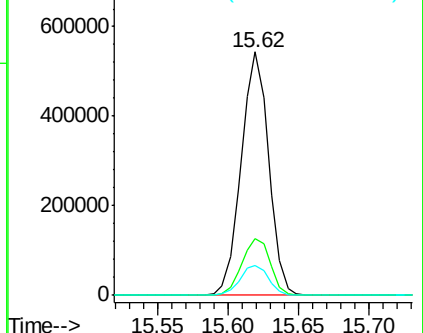
150 12.1 10.2 15.2



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: 48.41 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

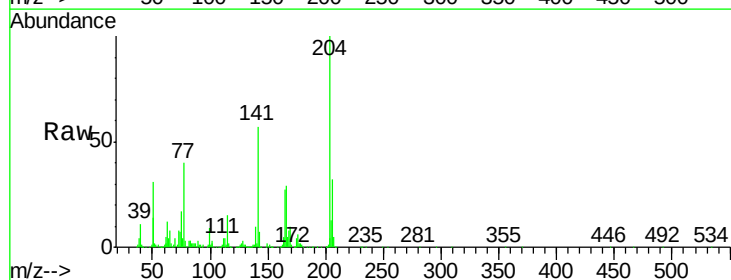
Tgt Ion:204 Resp: 393953

Ion Ratio Lower Upper

204 100

206 32.1 30.1 45.1

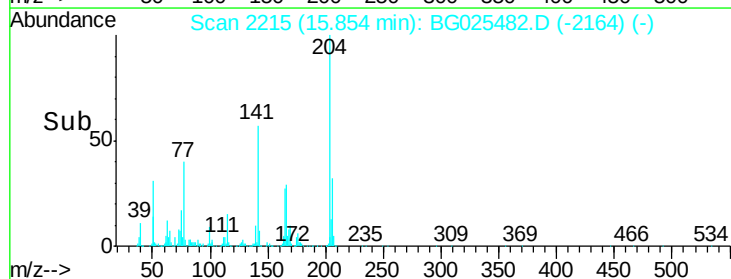
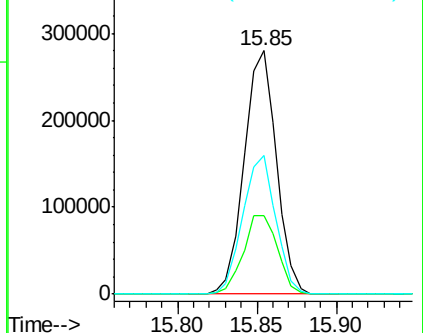
141 56.9 50.6 76.0

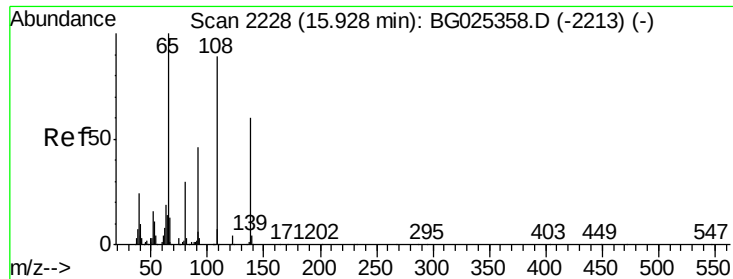


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

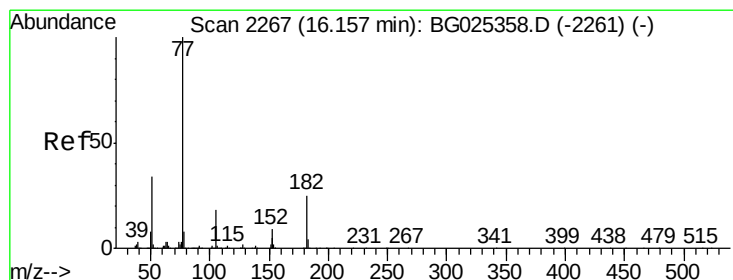
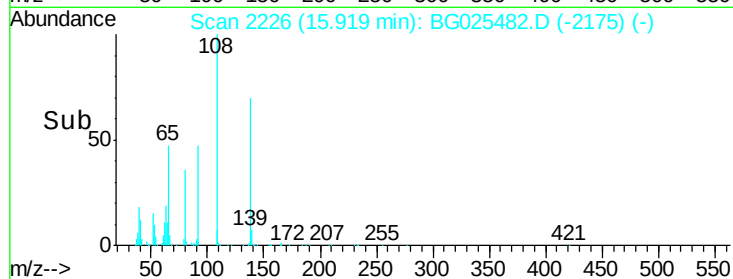
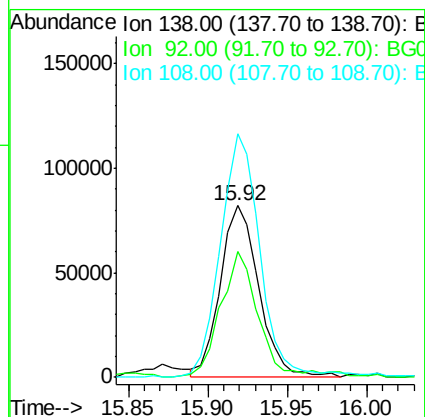
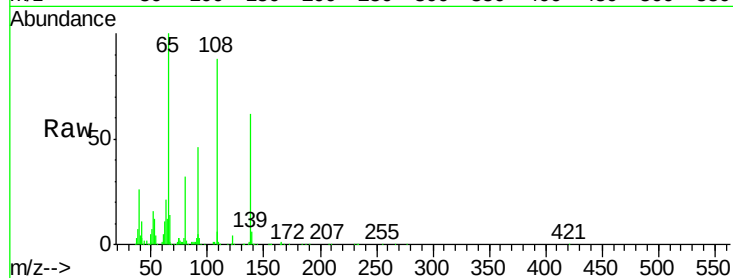




#61
4-Nitroaniline
Concen: 43.80 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

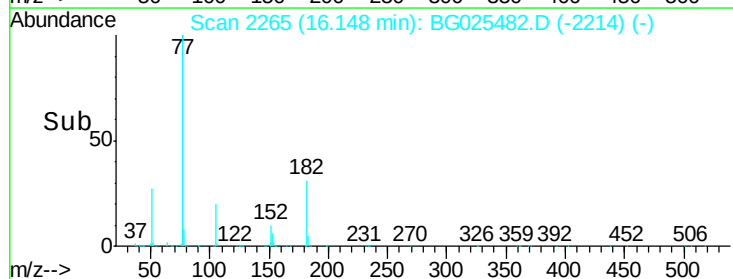
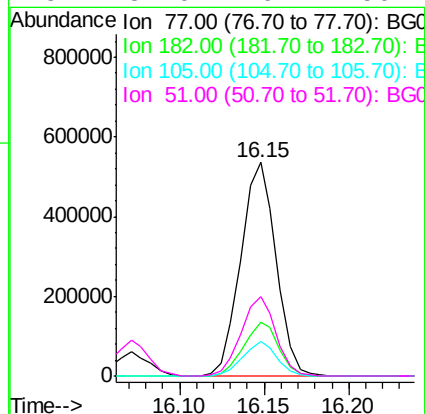
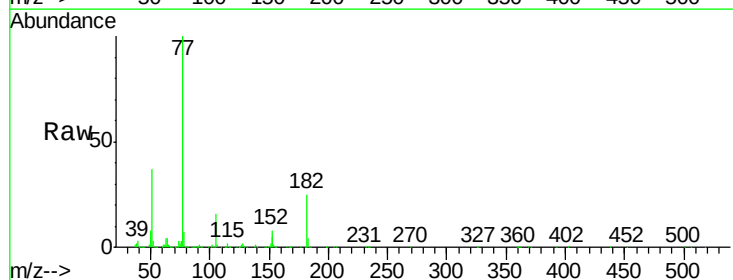
Instrument :
BNA_G
ClientSampleId :
PB95940BS

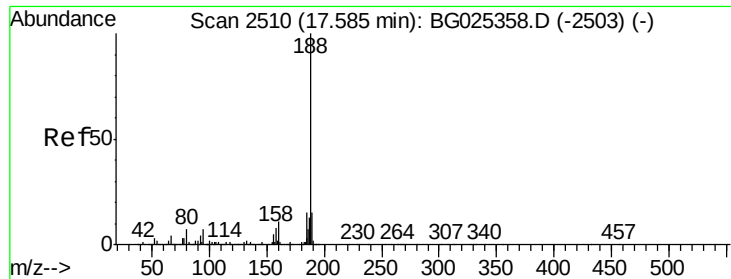
Tgt Ion:138 Resp: 137412
Ion Ratio Lower Upper
138 100
92 73.3 44.2 84.2
108 141.7 104.8 144.8



#62
Azobenzene
Concen: 51.70 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion: 77 Resp: 776218
Ion Ratio Lower Upper
77 100
182 24.9 4.7 44.7
105 16.2 0.0 36.3
51 37.0 16.4 56.4

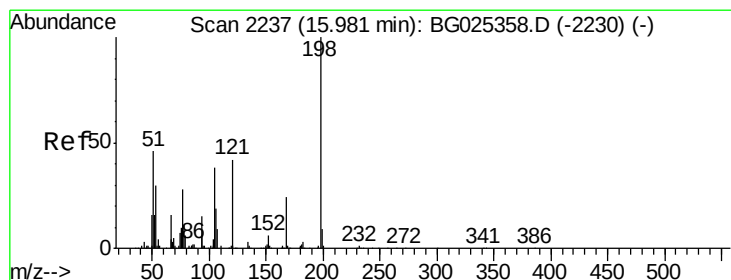
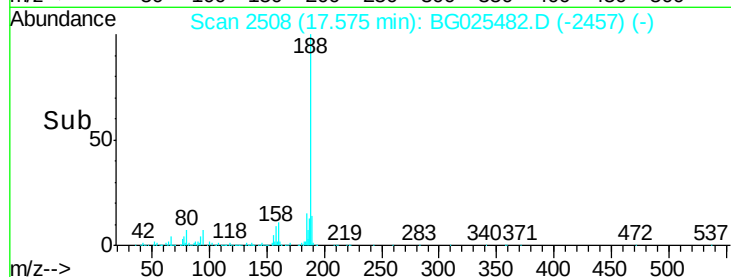
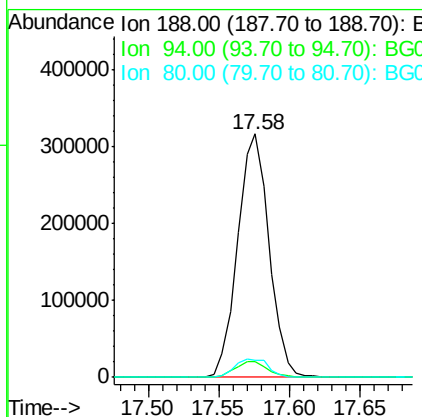
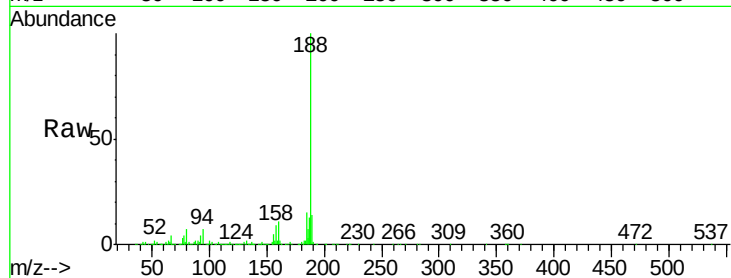




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.58 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

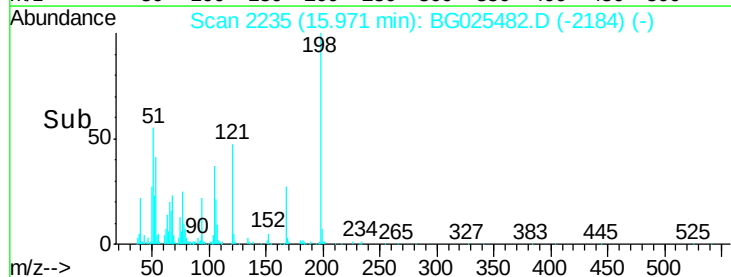
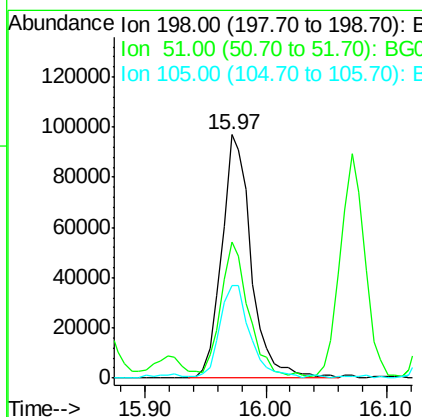
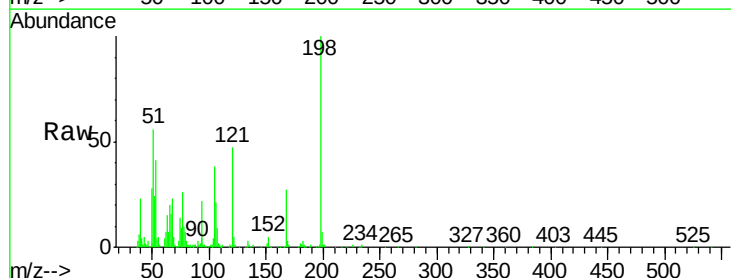
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

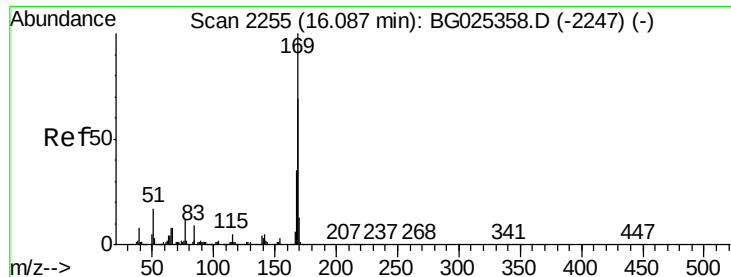
Tgt Ion:188 Resp: 492257
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.8 8.8
 80 7.3 7.5 11.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.97 ng
 RT: 15.97 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:198 Resp: 163529
 Ion Ratio Lower Upper
 198 100
 51 55.8 22.6 62.6
 105 38.3 14.4 54.4

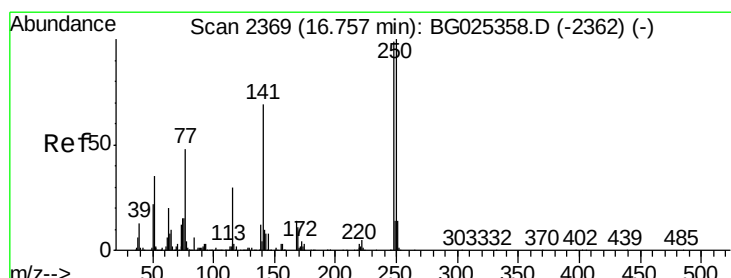
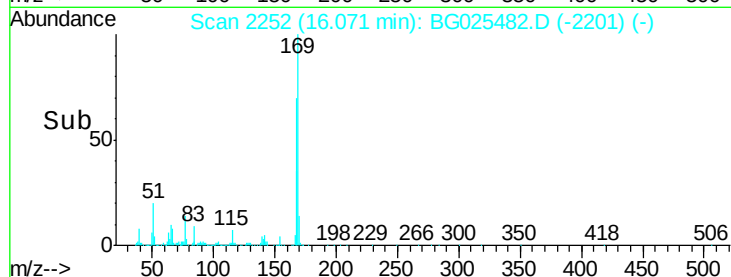
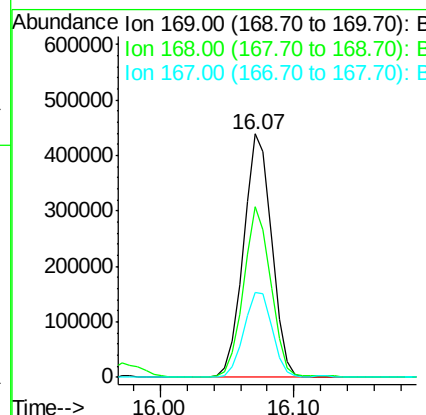
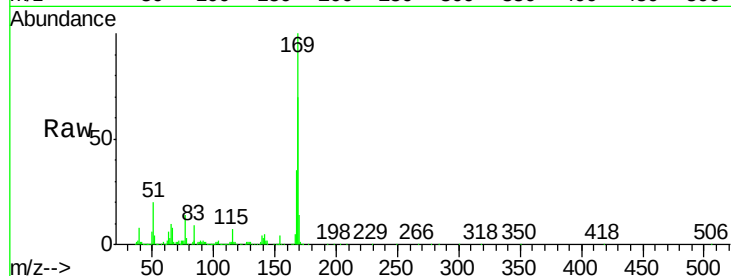




#65
 n-Nitrosodiphenylamine
 Concen: 47.83 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

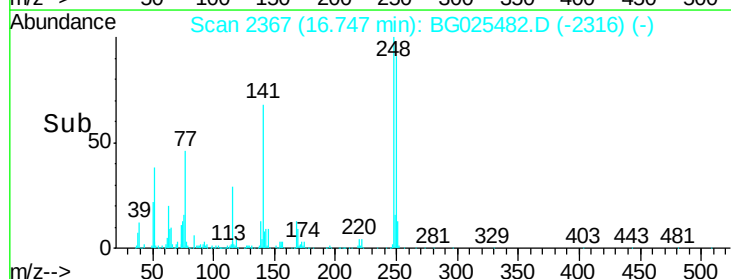
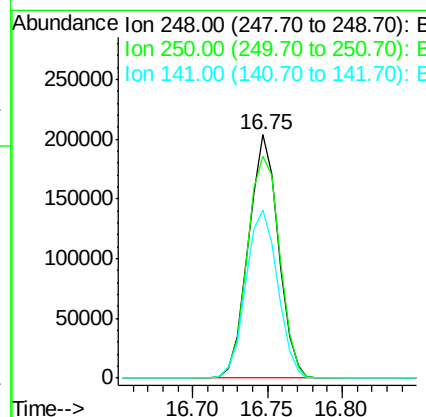
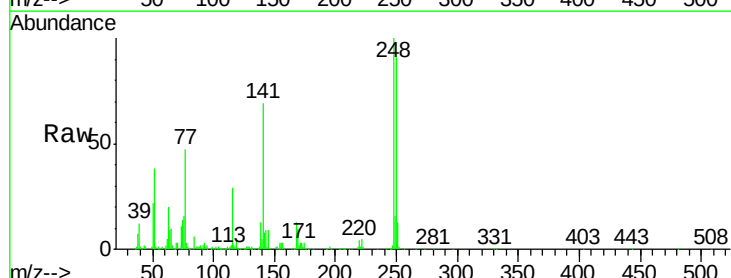
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

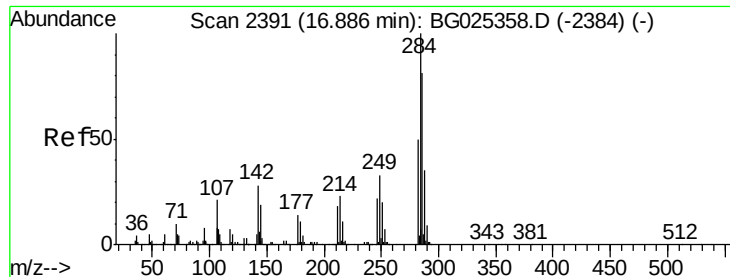
Tgt Ion:169 Resp: 636397
 Ion Ratio Lower Upper
 169 100
 168 70.2 55.7 83.5
 167 35.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.62 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:248 Resp: 283104
 Ion Ratio Lower Upper
 248 100
 250 91.3 75.0 112.6
 141 69.0 55.2 82.8





#67

Hexachlorobenzene

Concen: 45.26 ng

RT: 16.88 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

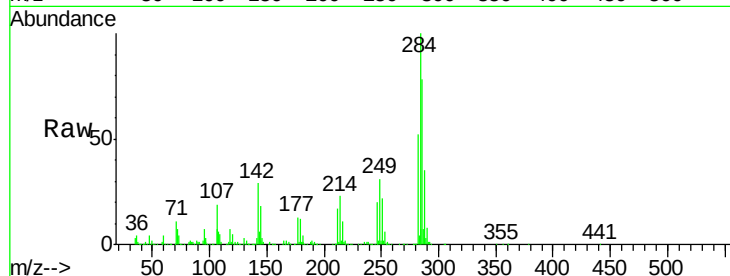
Tgt Ion:284 Resp: 315386

Ion Ratio Lower Upper

284 100

142 28.6 29.9 44.9#

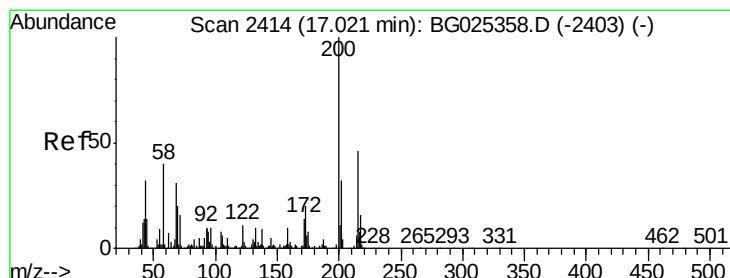
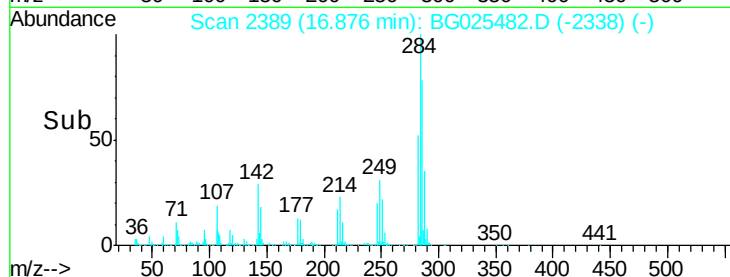
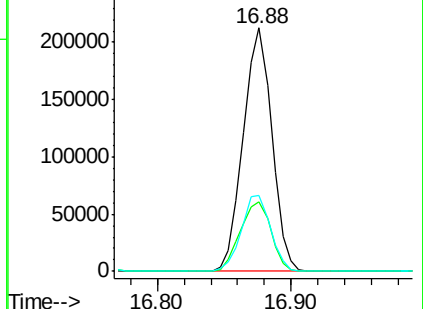
249 31.2 29.2 43.8



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: 50.63 ng

RT: 17.01 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

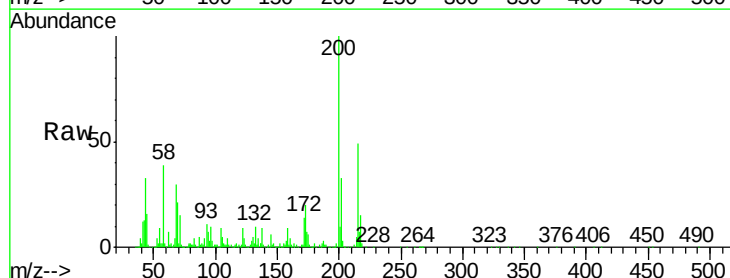
Tgt Ion:200 Resp: 295185

Ion Ratio Lower Upper

200 100

173 20.5 3.0 43.0

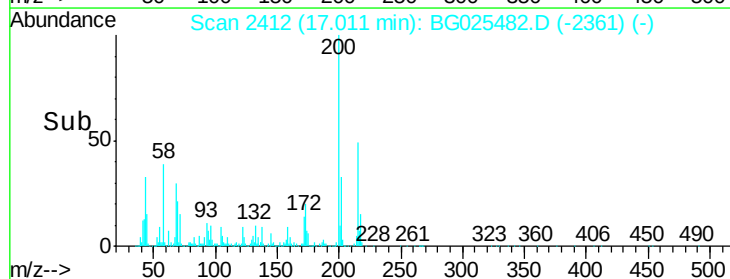
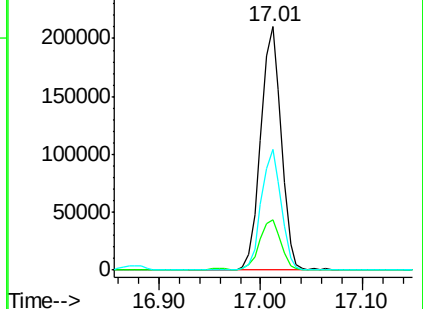
215 49.4 28.4 68.4

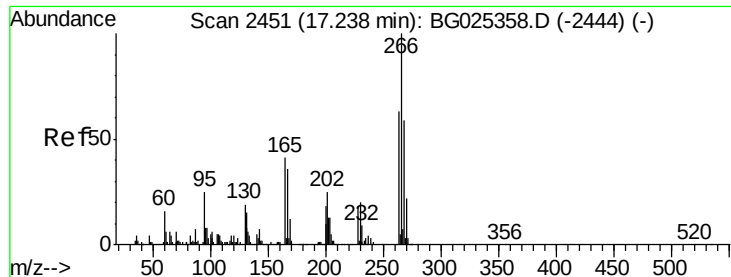


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

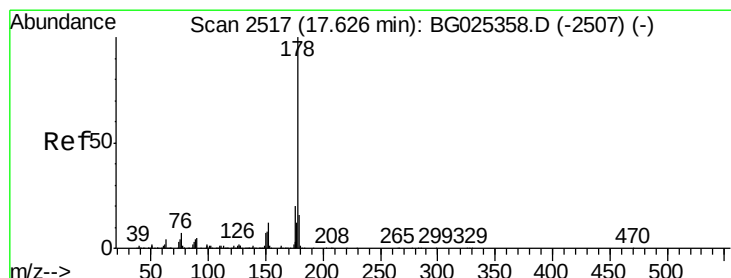
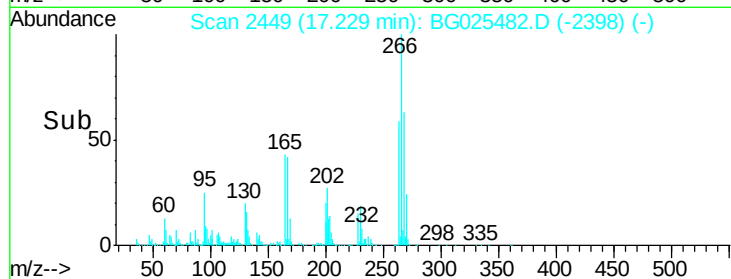
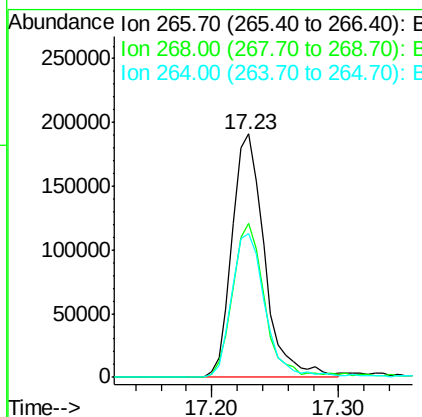
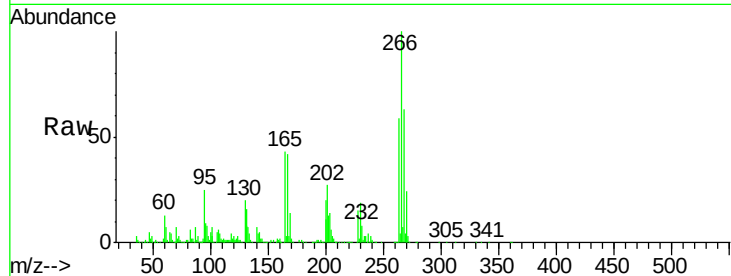




#69
 Pentachlorophenol
 Concen: 93.72 ng
 RT: 17.23 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

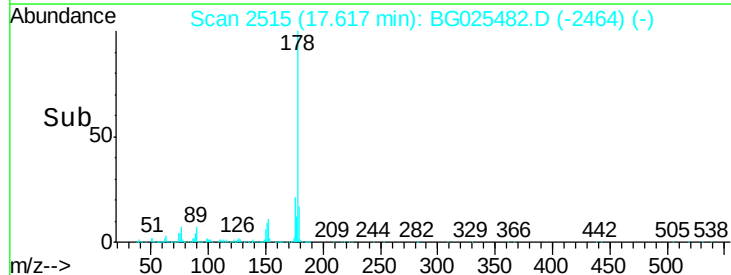
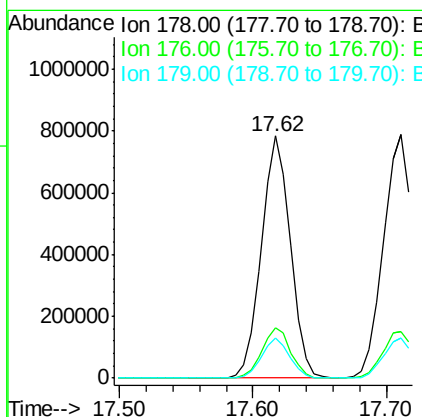
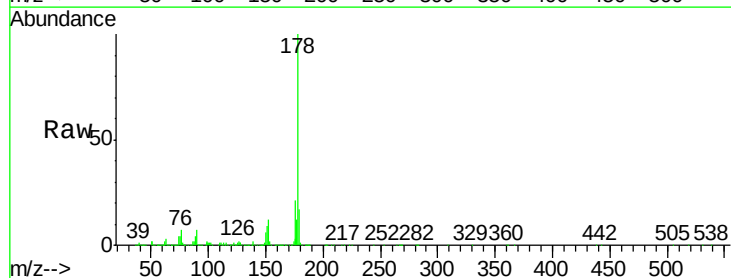
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

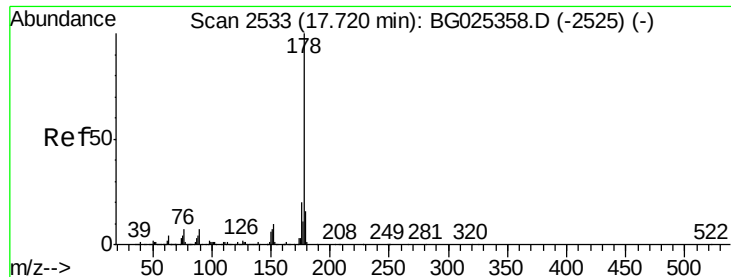
Tgt Ion:266 Resp: 338588
 Ion Ratio Lower Upper
 266 100
 268 63.1 48.6 72.8
 264 59.3 50.1 75.1



#70
 Phenanthrene
 Concen: 46.19 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:178 Resp: 1171620
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.7 26.5
 179 16.8 15.0 22.6





#71

Anthracene

Concen: 47.44 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

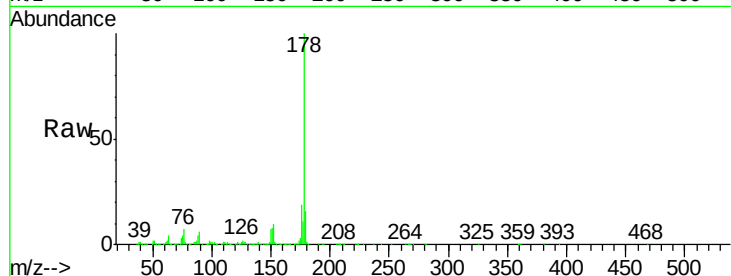
Tgt Ion:178 Resp: 1222846

Ion Ratio Lower Upper

178 100

176 19.4 16.4 24.6

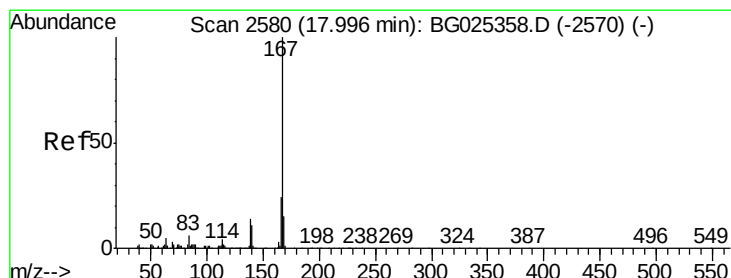
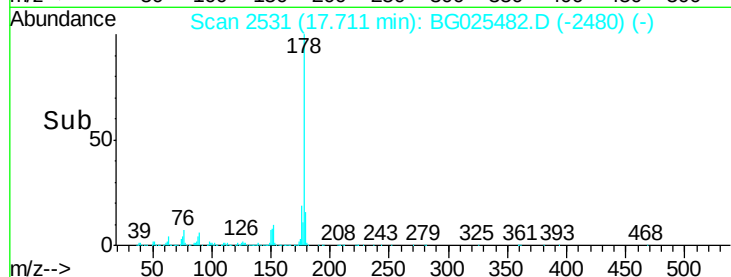
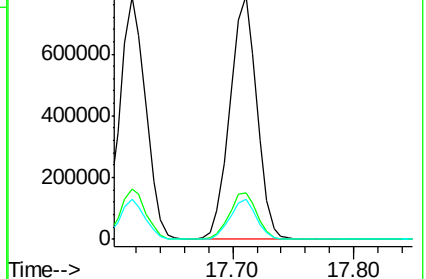
179 16.3 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.94 ng

RT: 17.99 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

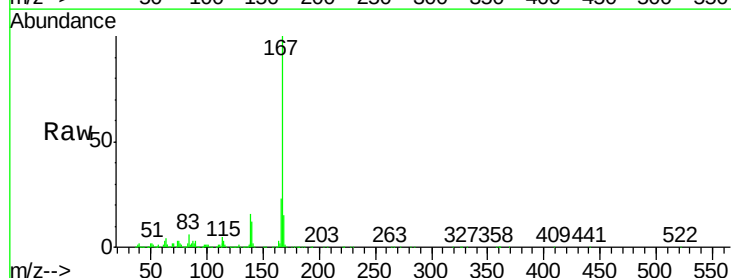
Tgt Ion:167 Resp: 1082122

Ion Ratio Lower Upper

167 100

166 23.4 20.2 30.2

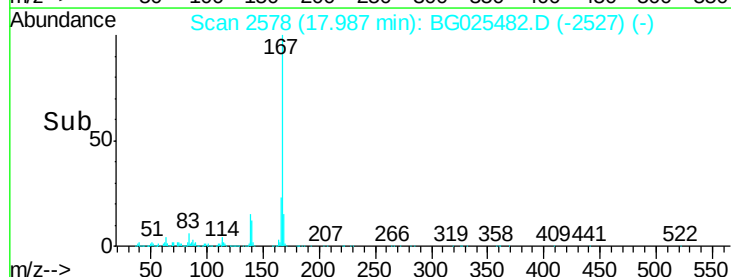
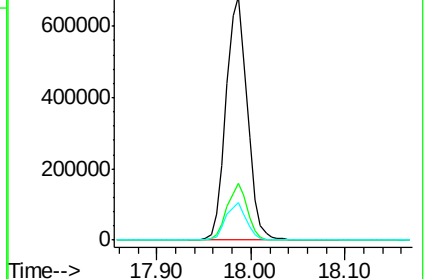
139 15.6 12.8 19.2

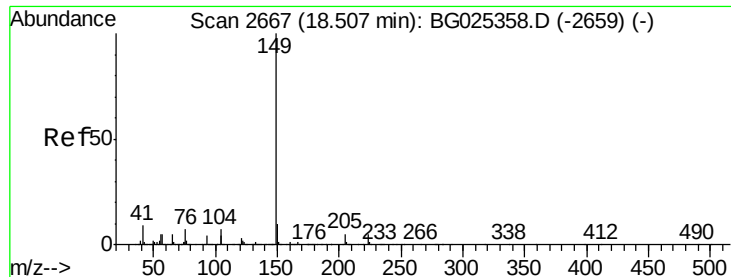


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.65 ng

RT: 18.49 min Scan# 2664

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

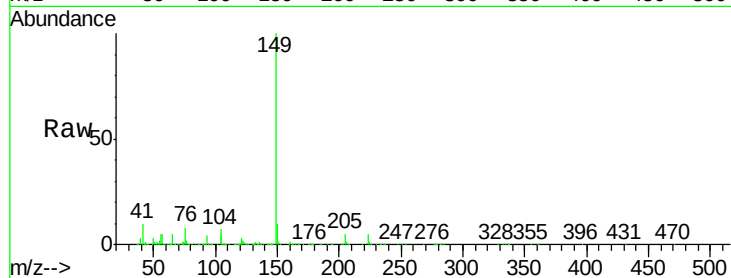
Tgt Ion:149 Resp: 1323076

Ion Ratio Lower Upper

149 100

150 10.3 9.1 13.7

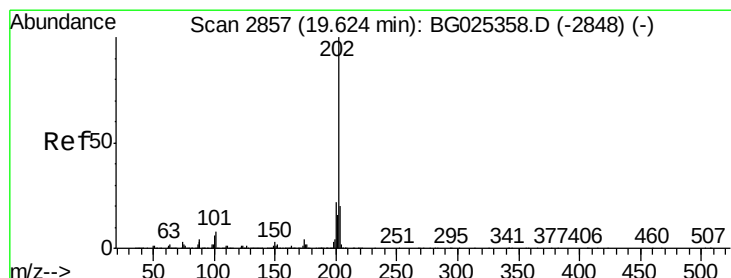
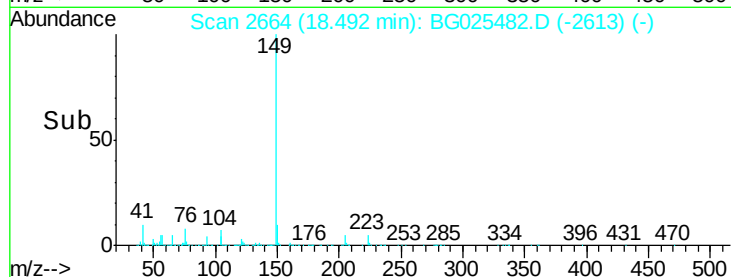
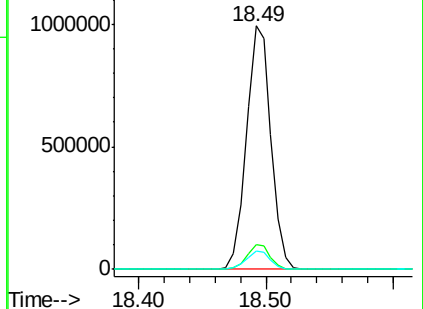
104 7.4 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.15 ng

RT: 19.61 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

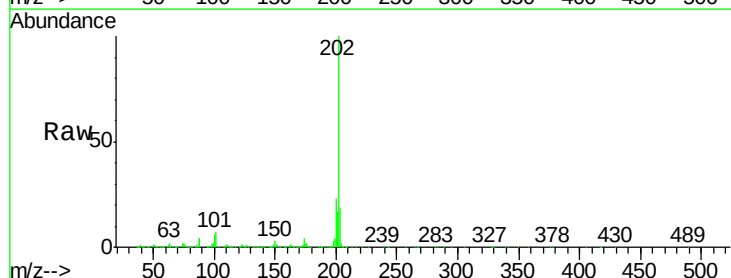
Tgt Ion:202 Resp: 1579906

Ion Ratio Lower Upper

202 100

101 7.2 0.0 30.1

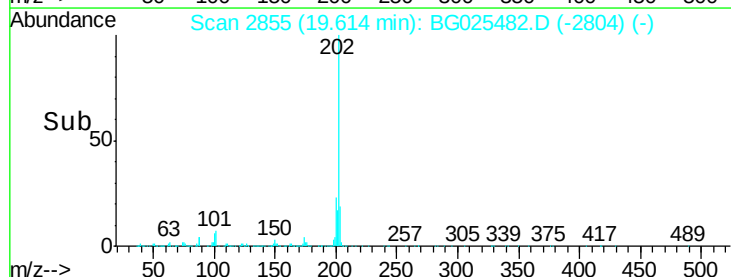
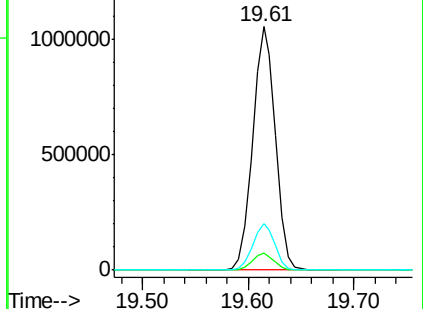
203 19.3 1.3 41.3

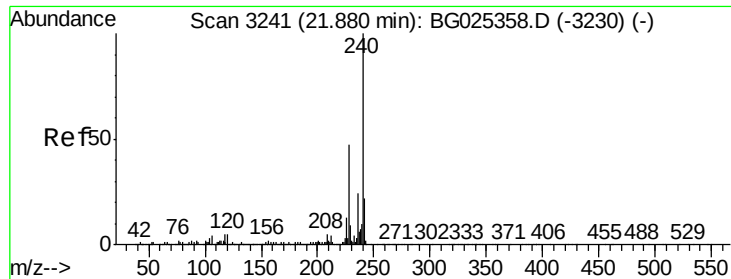


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

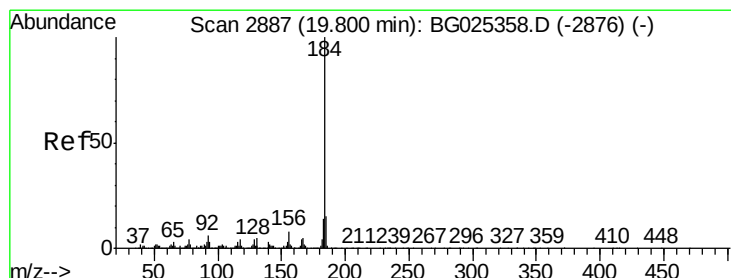
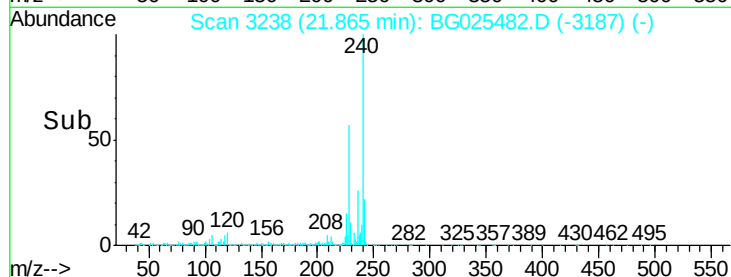
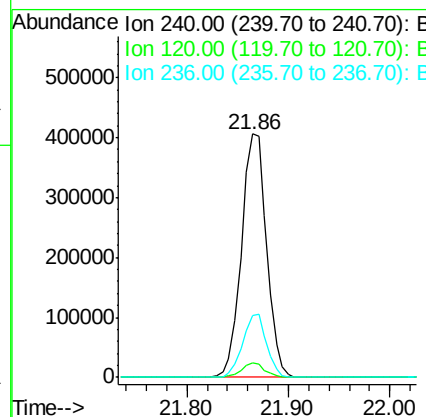
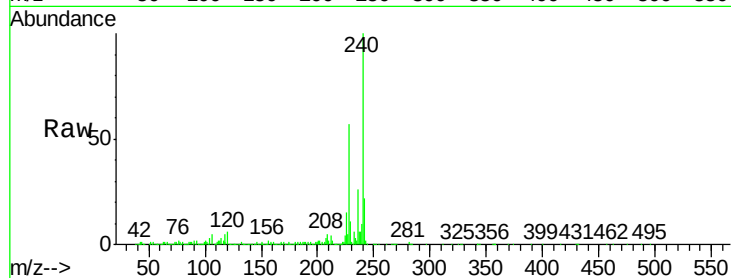




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

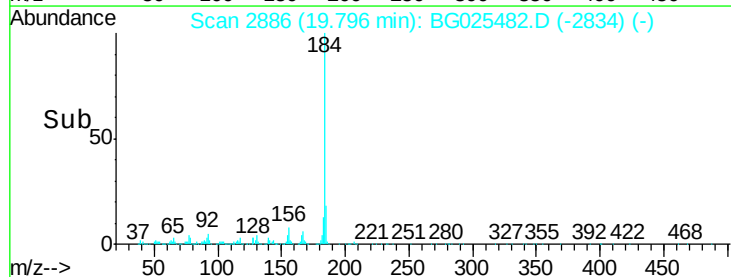
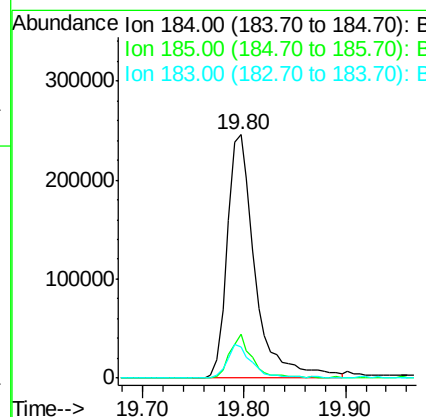
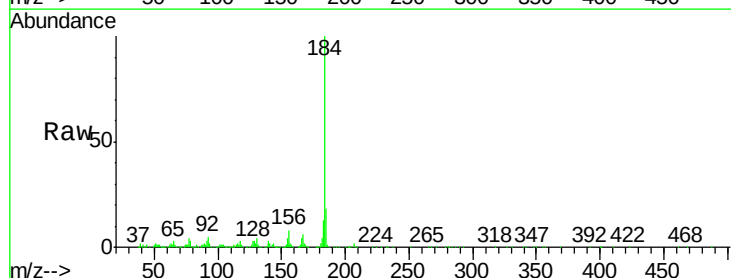
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

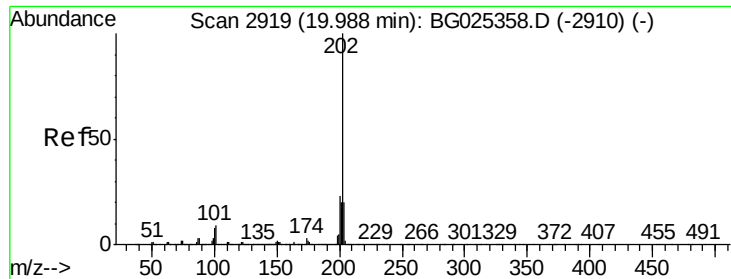
Tgt Ion:240 Resp: 696717
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.7 8.5
 236 25.6 22.2 33.4



#76
 Benzidine
 Concen: 26.96 ng
 RT: 19.80 min Scan# 2886
 Delta R.T. 0.01 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion:184 Resp: 468541
 Ion Ratio Lower Upper
 184 100
 185 18.0 13.0 19.6
 183 12.7 11.0 16.6





#77

Pyrene

Concen: 44.50 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

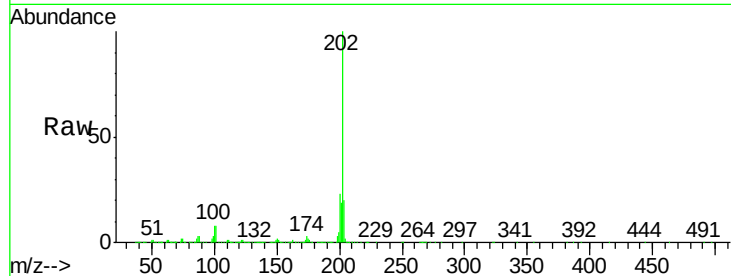
Tgt Ion:202 Resp: 1620327

Ion Ratio Lower Upper

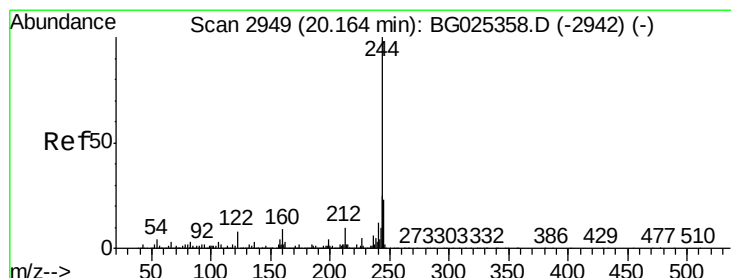
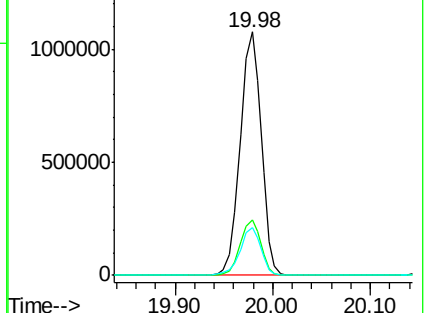
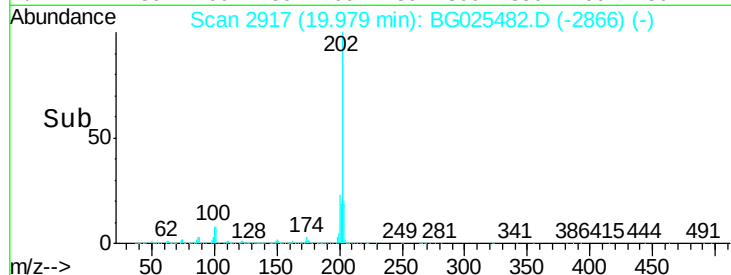
202 100

200 23.0 19.6 29.4

203 19.8 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: 89.43 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

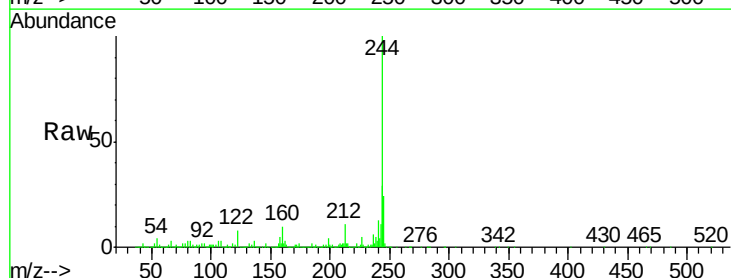
Tgt Ion:244 Resp: 2349860

Ion Ratio Lower Upper

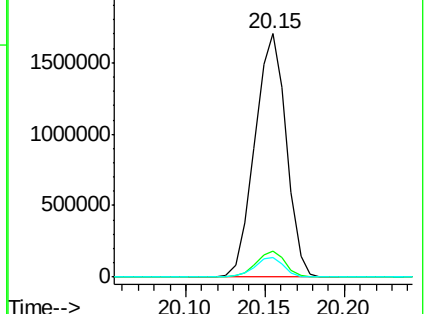
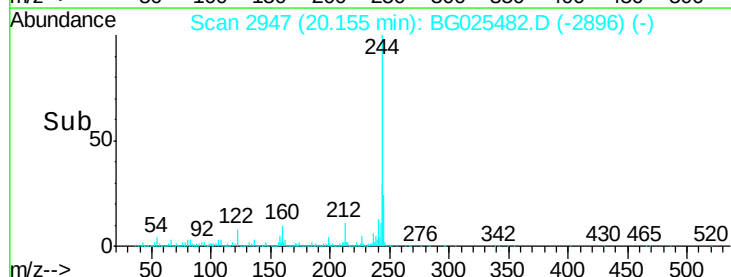
244 100

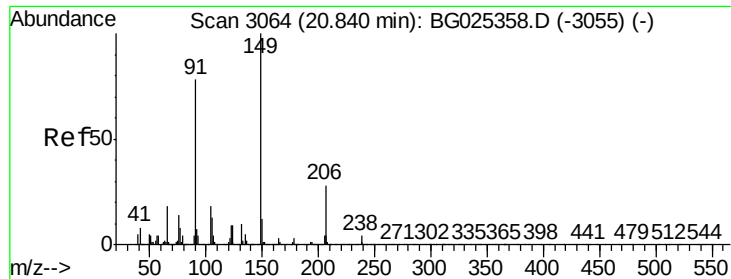
212 10.7 10.0 15.0

122 8.0 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

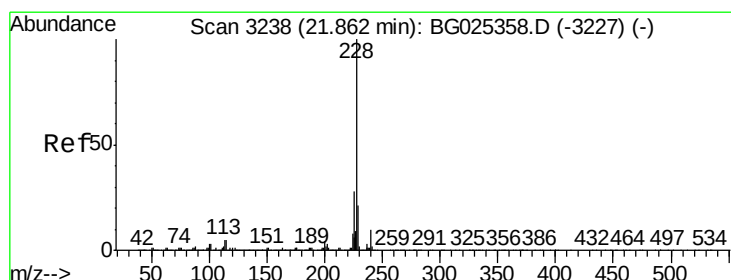
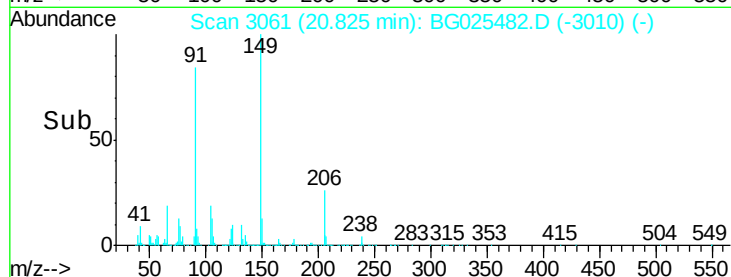
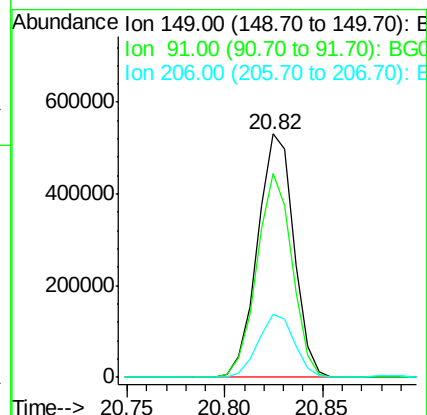
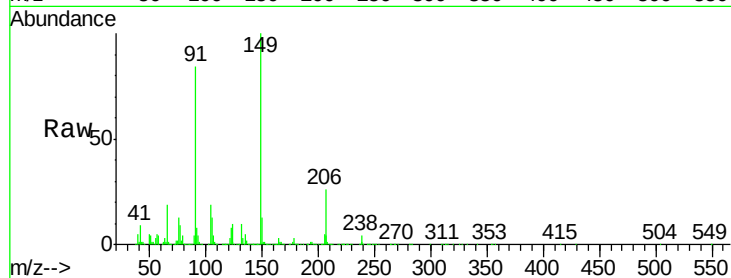




#79
Butylbenzylphthalate
Concen: 46.74 ng
RT: 20.82 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

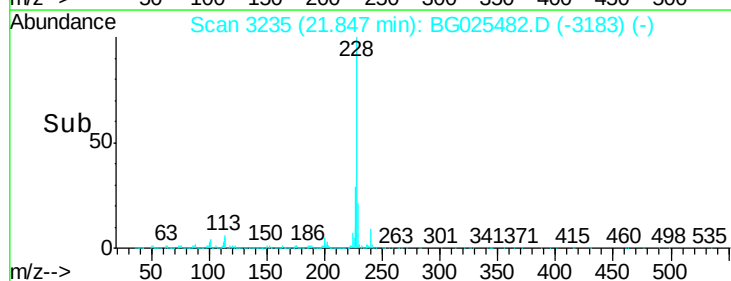
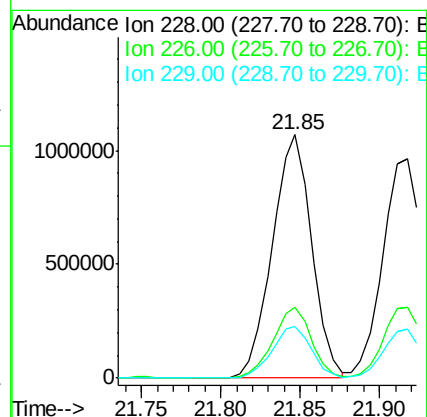
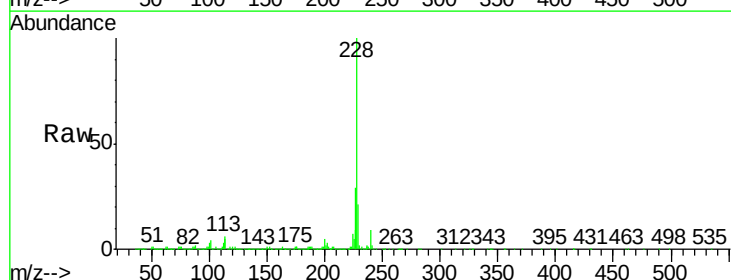
Instrument :
BNA_G
ClientSampleId :
PB95940BS

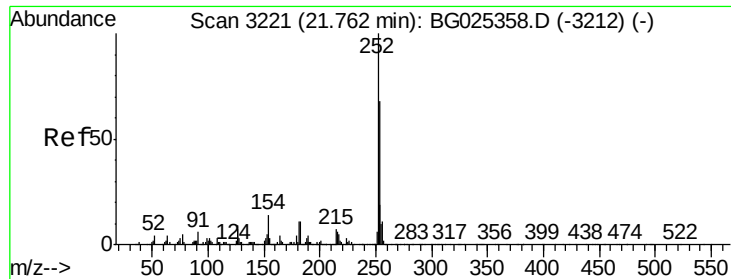
Tgt Ion:149 Resp: 683279
Ion Ratio Lower Upper
149 100
91 83.9 63.5 95.3
206 26.2 21.0 31.6



#80
Benzo(a)anthracene
Concen: 47.35 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BG025482.D
Acq: 12 Jan 2017 14:55

Tgt Ion:228 Resp: 1840203
Ion Ratio Lower Upper
228 100
226 29.0 24.9 37.3
229 21.1 18.2 27.2

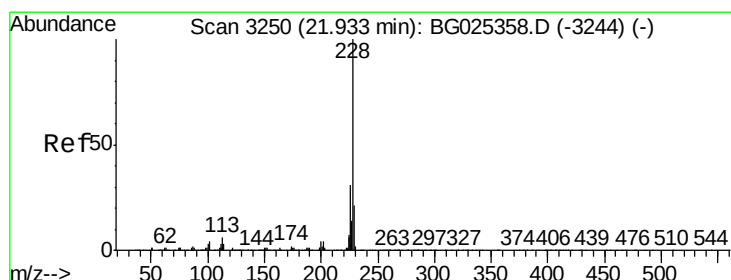
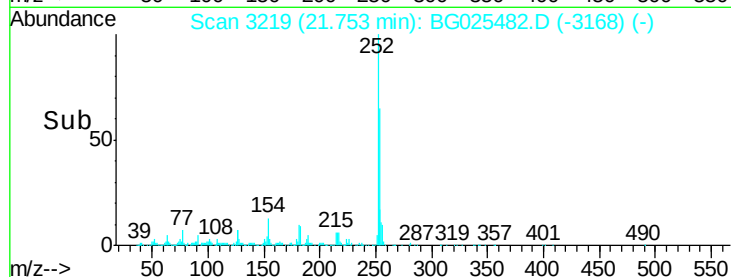
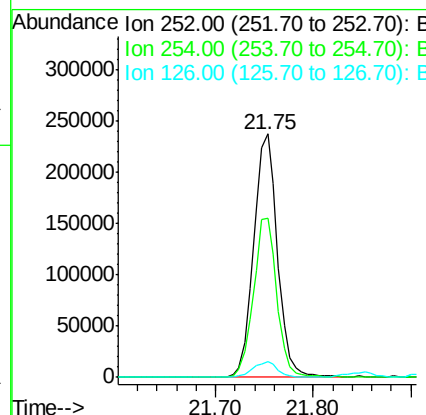
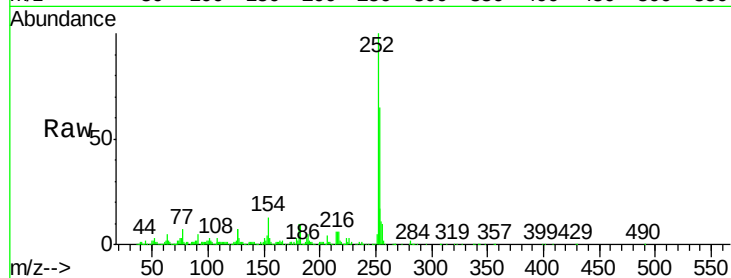




#81
 3,3'-Dichlorobenzidine
 Concen: 26.93 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

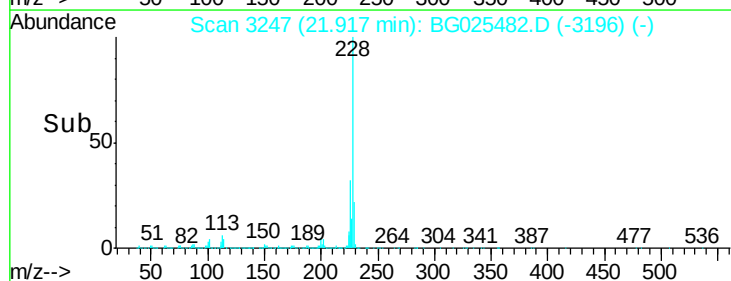
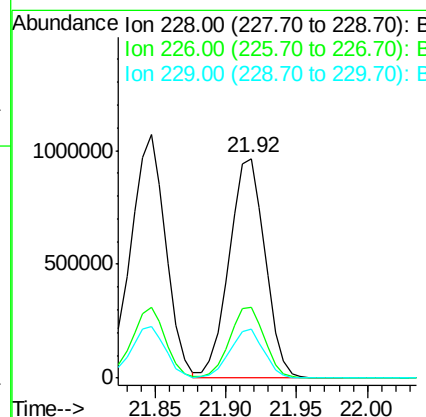
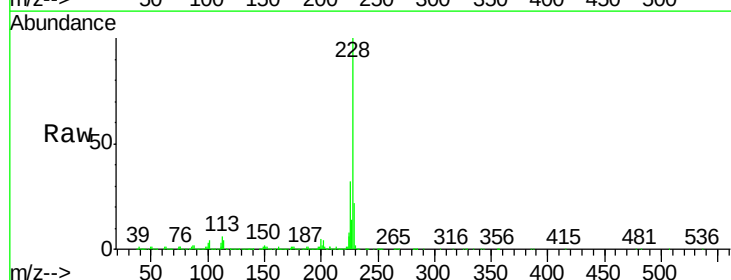
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

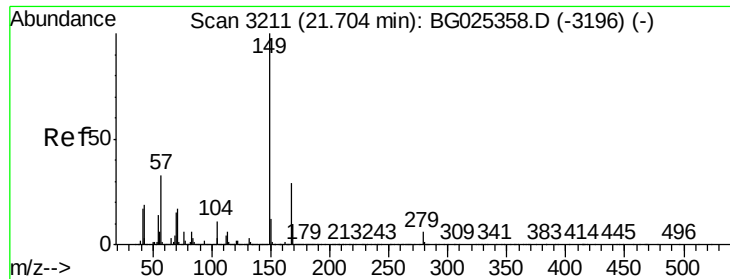
Tgt Ion: 252 Resp: 406434
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.1 79.7
 126 6.6 7.0 10.4#



#82
 Chrysene
 Concen: 45.78 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Tgt Ion: 228 Resp: 1706181
 Ion Ratio Lower Upper
 228 100
 226 32.4 27.0 40.4
 229 22.2 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.14 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

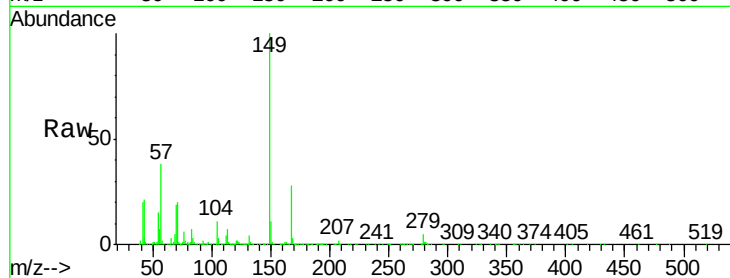
Tgt Ion:149 Resp: 979494

Ion Ratio Lower Upper

149 100

167 27.8 23.7 35.5

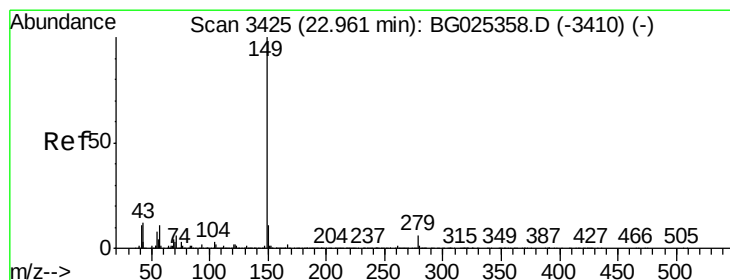
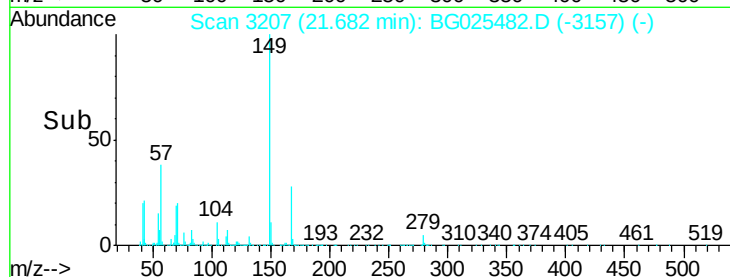
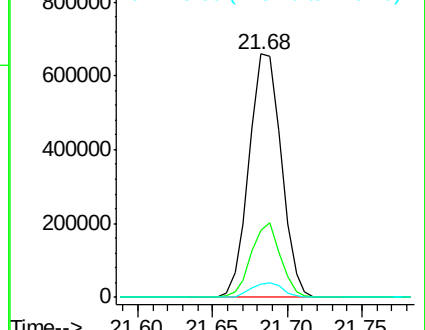
279 5.3 4.6 6.8



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: 49.66 ng

RT: 22.94 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

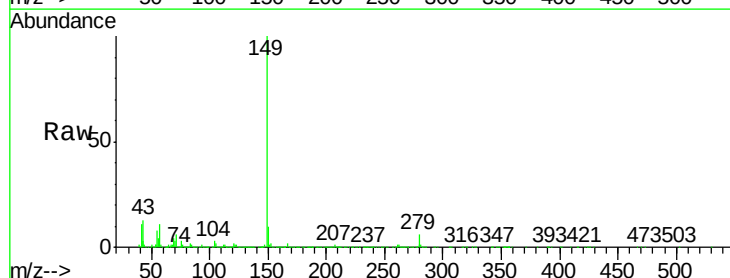
Tgt Ion:149 Resp: 1677628

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

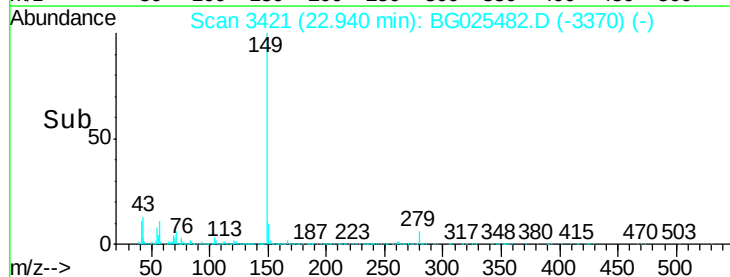
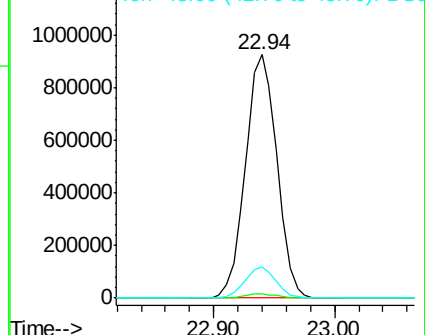
43 12.5 11.8 17.6

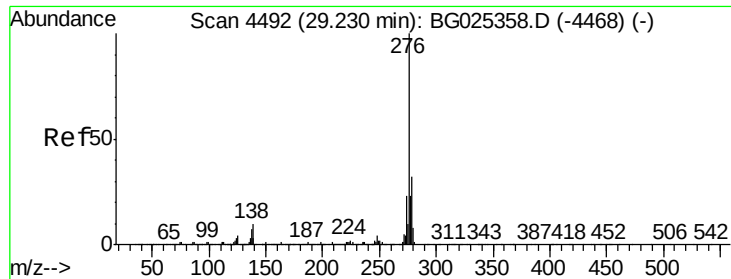


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.13 ng

RT: 29.19 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

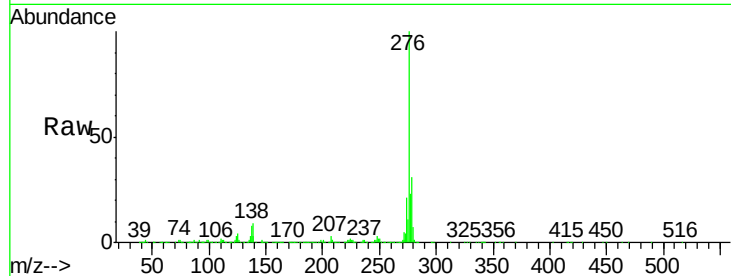
Tgt Ion:276 Resp: 2375124

Ion Ratio Lower Upper

276 100

138 7.0 4.7 7.1

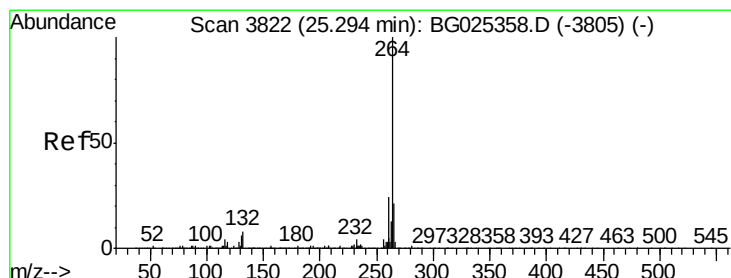
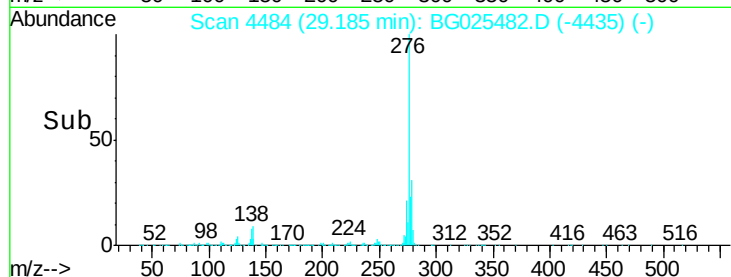
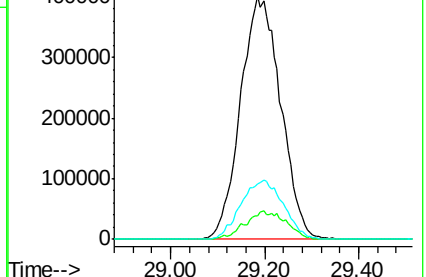
277 25.8 20.6 31.0



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: 25.27 min Scan# 3817

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

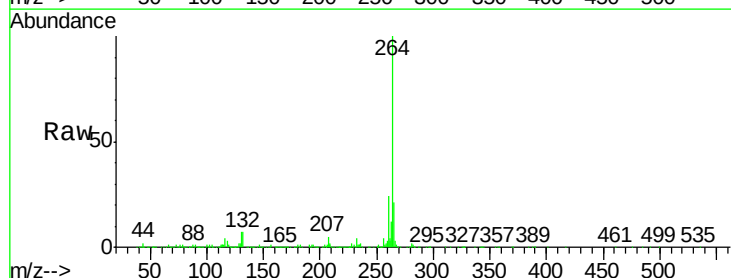
Tgt Ion:264 Resp: 754602

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

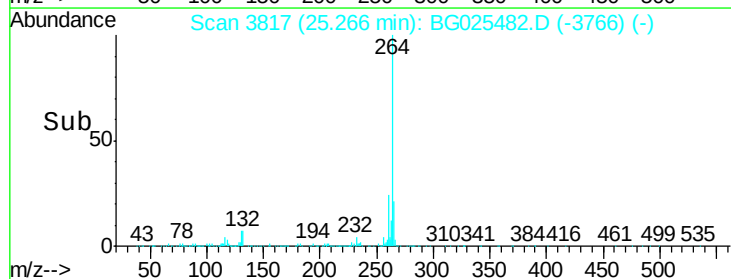
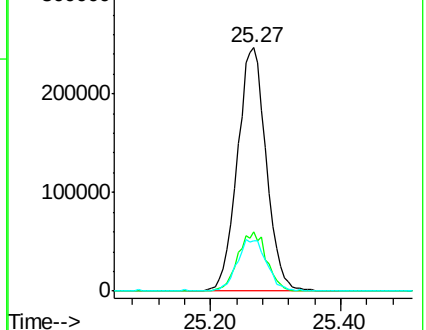
265 20.8 18.2 27.4

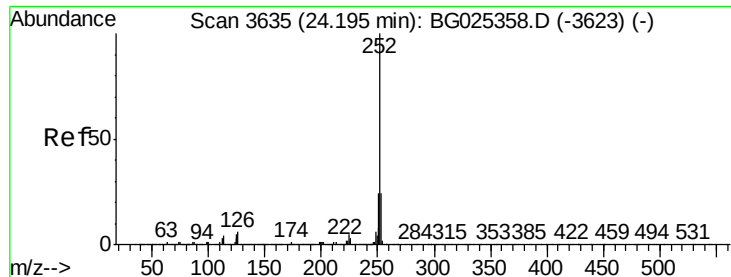


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.32 ng

RT: 24.18 min Scan# 3632

Delta R.T. 0.01 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

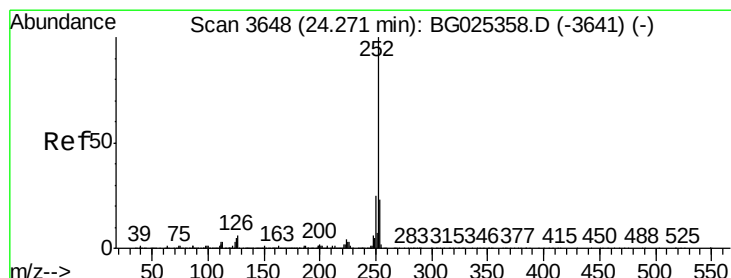
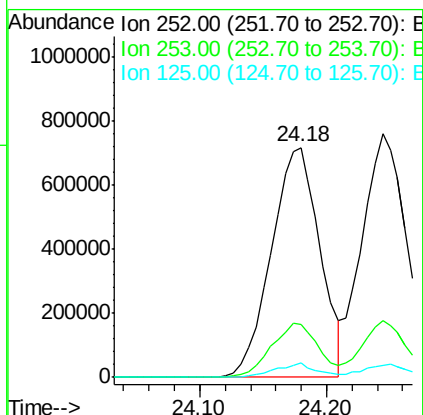
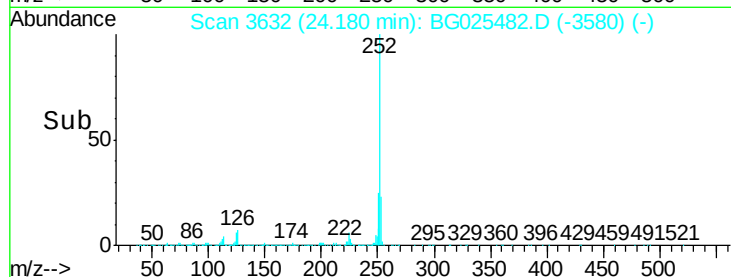
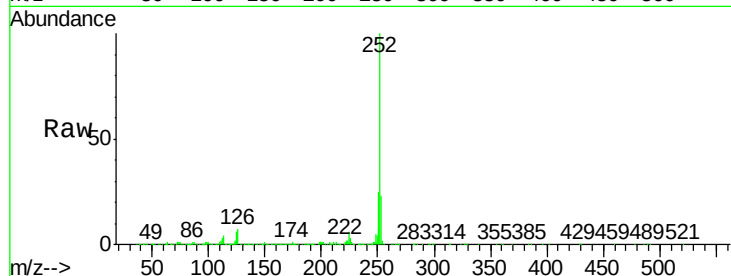
Tgt Ion:252 Resp: 1907240

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

125 6.0 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 47.97 ng

RT: 24.18 min Scan# 3632

Delta R.T. -0.06 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

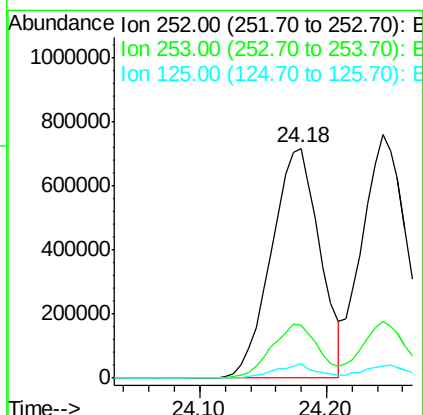
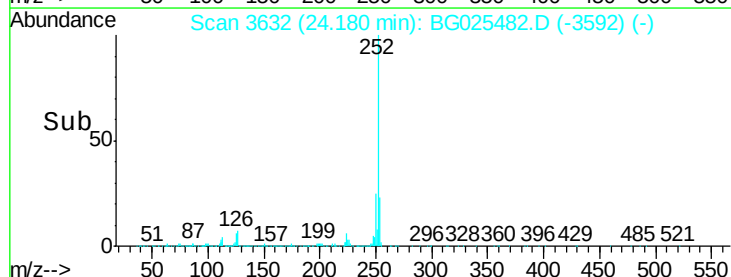
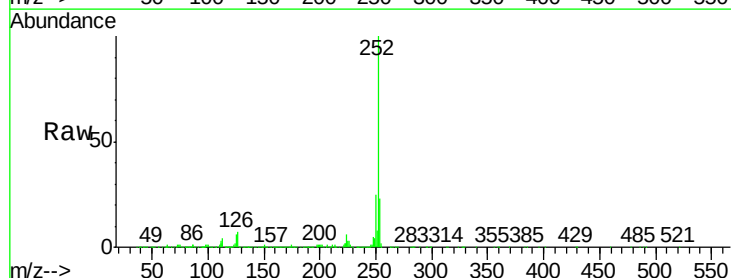
Tgt Ion:252 Resp: 1907240

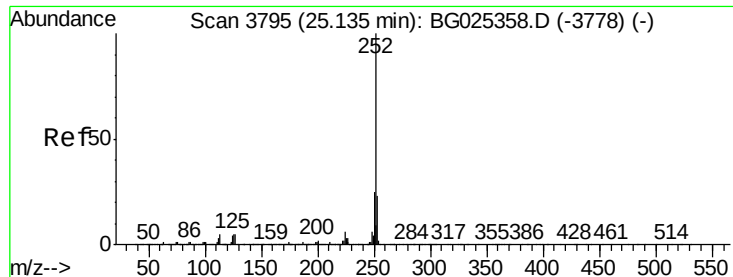
Ion Ratio Lower Upper

252 100

253 22.9 20.2 30.2

125 6.0 5.1 7.7





#89

Benzo(a)pyrene

Concen: 47.22 ng

RT: 25.10 min Scan# 3789

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

Instrument :

BNA_G

ClientSampleId :

PB95940BS

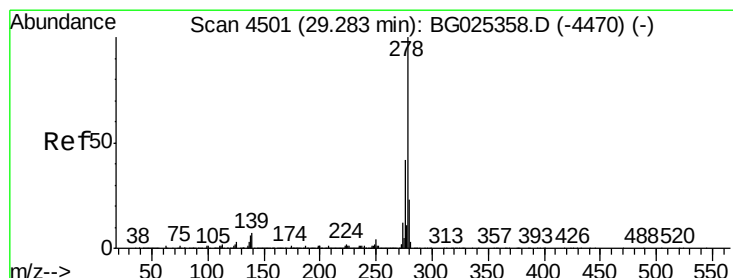
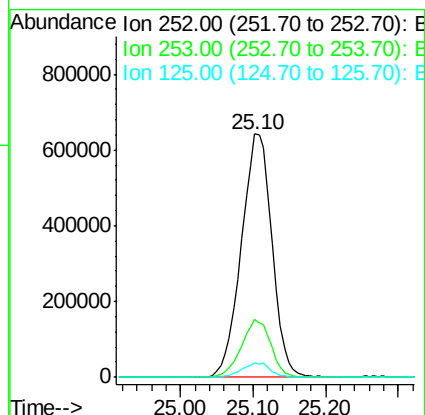
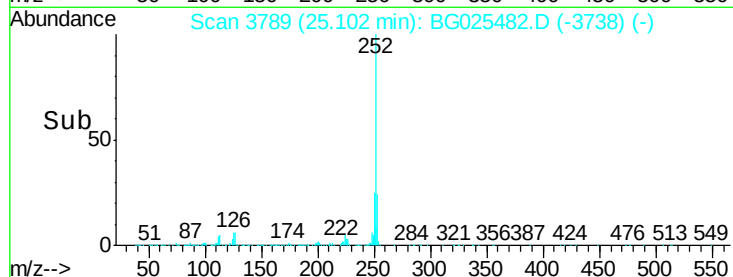
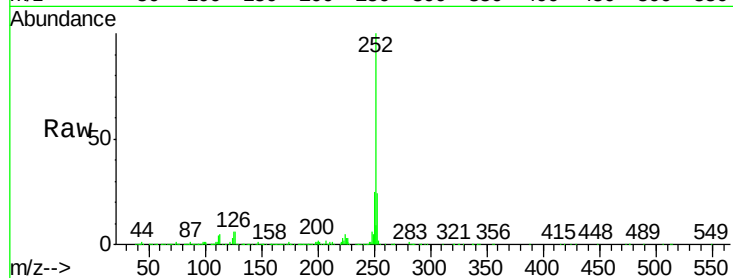
Tgt Ion:252 Resp: 1877722

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

125 6.2 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 46.64 ng

RT: 29.23 min Scan# 4492

Delta R.T. 0.00 min

Lab File: BG025482.D

Acq: 12 Jan 2017 14:55

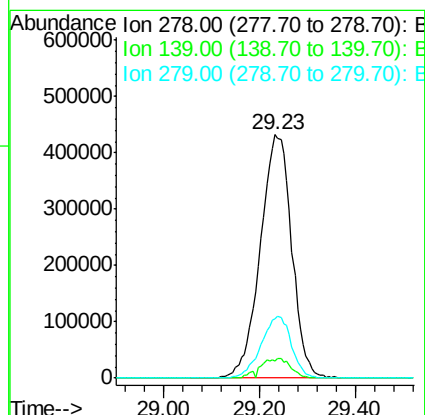
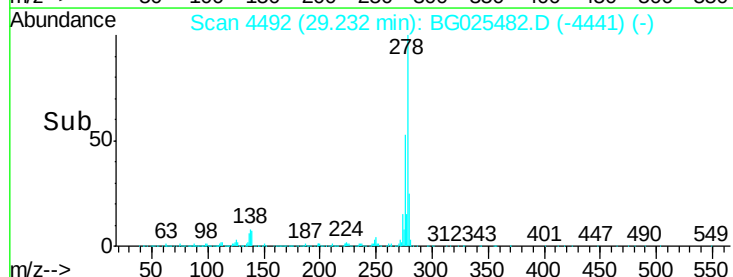
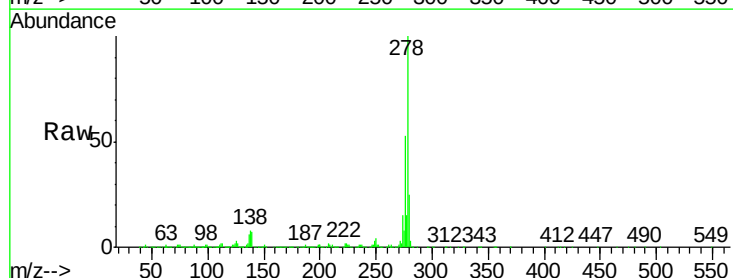
Tgt Ion:278 Resp: 1965634

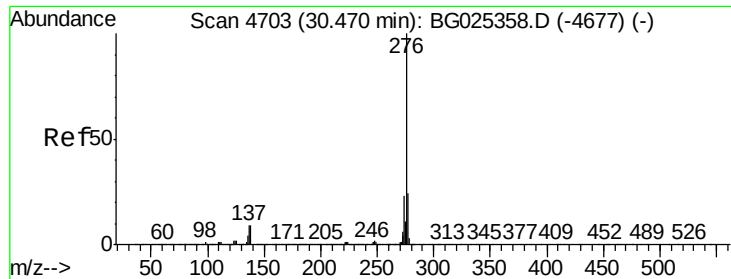
Ion Ratio Lower Upper

278 100

139 7.1 7.7 11.5#

279 24.6 19.1 28.7





#91
 Benzo(g,h,i)perylene
 Concen: 47.12 ng
 RT: 30.43 min Scan# 4695
 Delta R.T. 0.00 min
 Lab File: BG025482.D
 Acq: 12 Jan 2017 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB95940BS

Tgt Ion: 276 Resp: 1973296
 Ion Ratio Lower Upper
 276 100
 277 21.3 18.6 27.8
 138 8.9 8.1 12.1

