

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022182.D
 Acq On : 6 Jun 2016 23:48
 Operator : UM/SJ
 Sample : PB91112BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Quant Time: Jun 07 03:23:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26846	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	129801	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	80805	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	189704	20.00	ng	0.00
75) Chrysene-d12	21.77	240	188106	20.00	ng	0.00
86) Perylene-d12	25.06	264	180309	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	209472	150.86	ng	0.00
7) Phenol-d6	7.28	99	305919	140.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	160761	86.35	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	122339	133.99	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	447052	84.31	ng	0.00
78) Terphenyl-d14	20.09	244	672291	84.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	20549	30.86	ng	# 73
3) Pyridine	3.92	79	59410	33.02	ng	94
4) n-Nitrosodimethylamine	3.84	42	15956	39.66	ng	98
6) Aniline	7.44	93	67049	24.17	ng	# 81
8) 2-Chlorophenol	7.68	128	86492	45.07	ng	# 77
9) Benzaldehyde	7.26	77	5025	4.18	ng	88
10) Phenol	7.31	94	102139	45.38	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	68875	38.38	ng	# 73
12) 1,3-Dichlorobenzene	8.01	146	79814	38.80	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	80833	39.44	ng	93
14) 1,2-Dichlorobenzene	8.48	146	80015	38.73	ng	94
15) Benzyl Alcohol	8.36	79	55598	39.42	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	70826	38.04	ng	79
17) 2-Methylphenol	8.56	107	71116	42.34	ng	# 86
18) Hexachloroethane	9.20	117	29429	39.32	ng	# 81
19) n-Nitroso-di-n-propylamine	8.92	70	54216	36.69	ng	# 66
20) 3+4-Methylphenols	8.89	107	99397	41.26	ng	95
22) Acetophenone	8.95	105	113987	40.75	ng	# 83
24) Nitrobenzene	9.33	77	79719	42.58	ng	# 77
25) Isophorone	9.85	82	166309	38.18	ng	94
26) 2-Nitrophenol	10.05	139	43664	43.01	ng	# 73
27) 2,4-Dimethylphenol	10.10	122	83051	45.20	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	102770	41.18	ng	93
29) 2,4-Dichlorophenol	10.59	162	81607	47.94	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	78098	41.06	ng	93
31) Naphthalene	10.99	128	260887	40.27	ng	# 95
32) Benzoic acid	10.24	122	21619	38.36	ng	# 76
33) 4-Chloroaniline	11.10	127	39671	14.73	ng	# 87
34) Hexachlorobutadiene	11.26	225	41663	40.80	ng	95
35) Caprolactam	11.87	113	21273	22.78	ng	# 43
36) 4-Chloro-3-methylphenol	12.22	107	91059	45.13	ng	# 82
37) 2-Methylnaphthalene	12.58	142	193182	40.39	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	86188	41.43	ng	99
40) Hexachlorocyclopentadiene	12.92	237	85858	80.90	ng	97

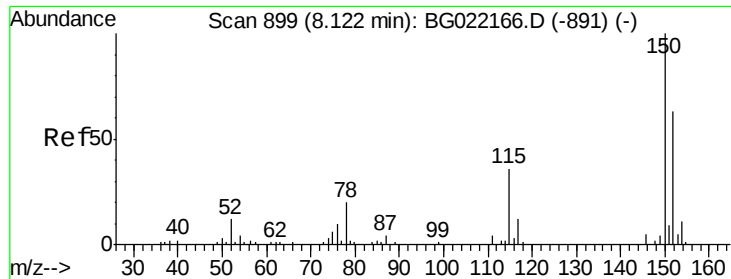
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	64193	46.00	ng	96
43) 2,4,5-Trichlorophenol	13.27	196	69211	44.89	ng	95
45) 1,1'-Biphenyl	13.58	154	257624	42.36	ng	96
46) 2-Chloronaphthalene	13.63	162	201415	43.21	ng	96
47) 2-Nitroaniline	13.84	65	46864	42.16	ng	# 49
48) Acenaphthylene	14.47	152	346139	42.32	ng	98
49) Dimethylphthalate	14.19	163	277134	41.36	ng	98
50) 2,6-Dinitrotoluene	14.32	165	62269	42.75	ng	# 77
51) Acenaphthene	14.81	154	201934	41.21	ng	98
52) 3-Nitroaniline	14.66	138	29945	18.54	ng	83
53) 2,4-Dinitrophenol	14.87	184	50053	83.59	ng	# 73
54) Dibenzofuran	15.14	168	322377	42.16	ng	97
55) 4-Nitrophenol	14.98	139	101820	91.33	ng	# 68
56) 2,4-Dinitrotoluene	15.12	165	87853	44.97	ng	# 80
57) Fluorene	15.79	166	274725	41.70	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	61739	44.65	ng	96
59) Diethylphthalate	15.55	149	296943	41.49	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	125446	42.05	ng	95
61) 4-Nitroaniline	15.82	138	66214	38.65	ng	# 75
62) Azobenzene	16.07	77	234698	43.30	ng	88
64) 4,6-Dinitro-2-methylphenol	15.88	198	38659	41.08	ng	# 82
65) n-Nitrosodiphenylamine	16.00	169	238941	43.72	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	77422	43.56	ng	94
67) Hexachlorobenzene	16.80	284	87574	42.27	ng	96
68) Atrazine	16.94	200	84554	41.80	ng	96
69) Pentachlorophenol	17.14	266	81552	86.25	ng	99
70) Phenanthrene	17.54	178	440755	42.78	ng	98
71) Anthracene	17.62	178	439227	42.98	ng	98
72) Carbazole	17.89	167	414937	42.87	ng	98
73) Di-n-butylphthalate	18.43	149	550263	43.49	ng	98
74) Fluoranthene	19.53	202	511320	43.17	ng	97
76) Benzidine	19.72	184	116883	23.76	ng	98
77) Pyrene	19.90	202	512595	43.83	ng	99
79) Butylbenzylphthalate	20.76	149	237162	43.73	ng	93
80) Benzo(a)anthracene	21.75	228	455106	43.15	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	67400	22.76	ng	97
82) Chrysene	21.81	228	430195	41.91	ng	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	349772	43.86	ng	97
84) Di-n-octyl phthalate	22.85	149	591886	44.70	ng	# 85
85) Indeno(1,2,3-cd)pyrene	28.84	276	517829	44.97	ng	# 88
87) Benzo(b)fluoranthene	24.01	252	456198	43.38	ng	98
88) Benzo(k)fluoranthene	24.08	252	448683	43.34	ng	# 97
89) Benzo(a)pyrene	24.91	252	440439	43.80	ng	# 97
90) Dibenzo(a,h)anthracene	28.90	278	424175	44.79	ng	# 94
91) Benzo(g,h,i)perylene	30.02	276	432153	43.86	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

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ClientSampled :

PB91112BS

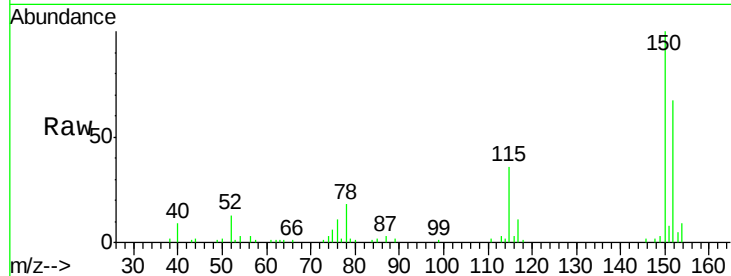
Tgt Ion:152 Resp: 26846

Ion Ratio Lower Upper

152 100

150 149.0 130.1 195.1

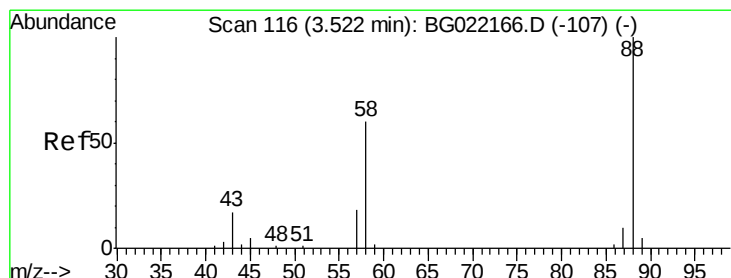
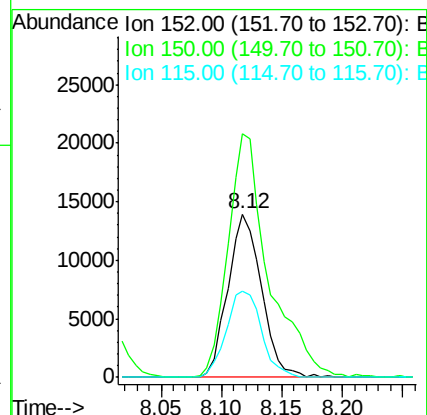
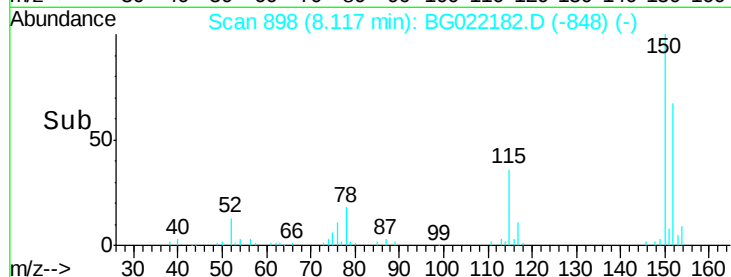
115 53.0 62.2 93.2#



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: 30.86 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

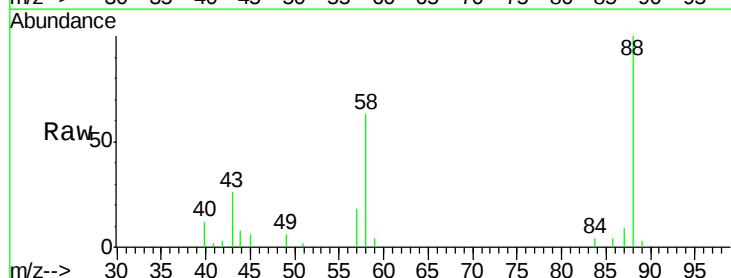
Tgt Ion: 88 Resp: 20549

Ion Ratio Lower Upper

88 100

58 62.7 36.8 55.2#

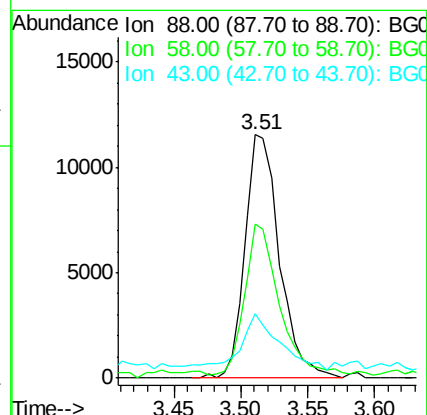
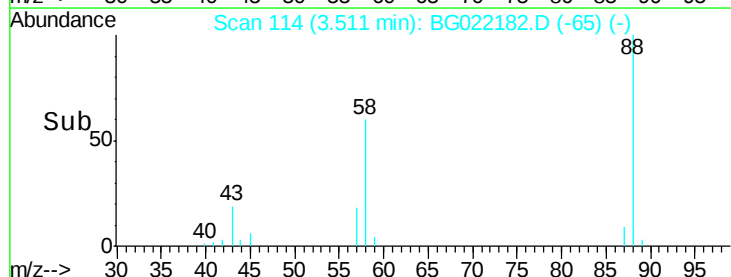
43 27.0 10.4 15.6#

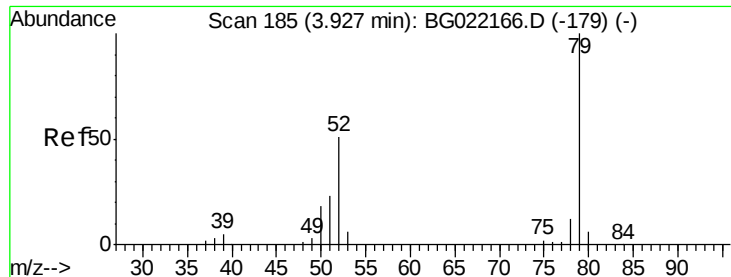


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.02 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

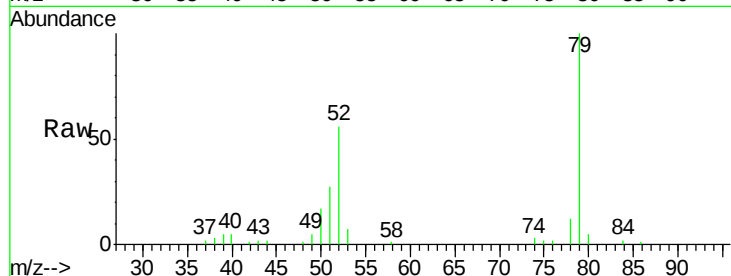
Tgt Ion: 79 Resp: 59410

Ion Ratio Lower Upper

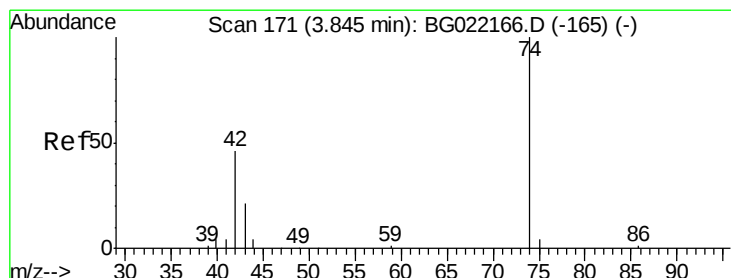
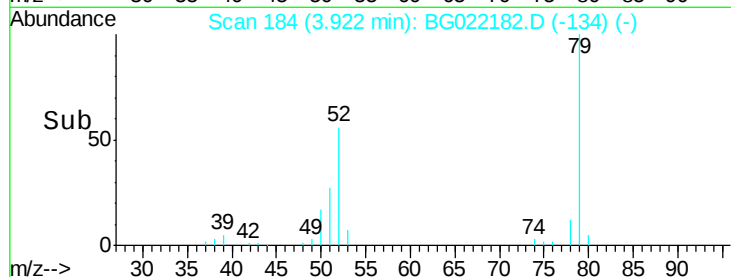
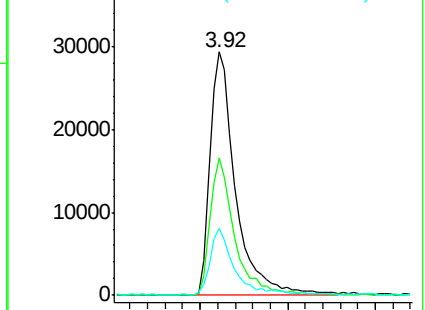
79 100

52 56.3 41.6 62.4

51 27.5 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.66 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

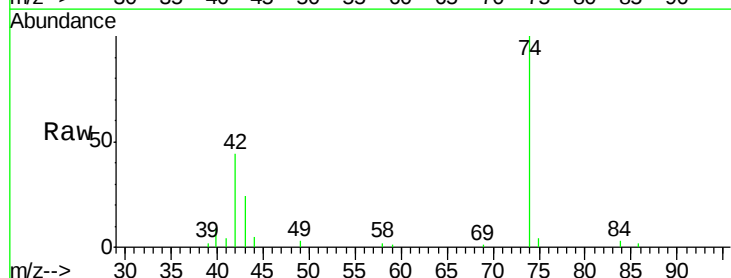
Tgt Ion: 42 Resp: 15956

Ion Ratio Lower Upper

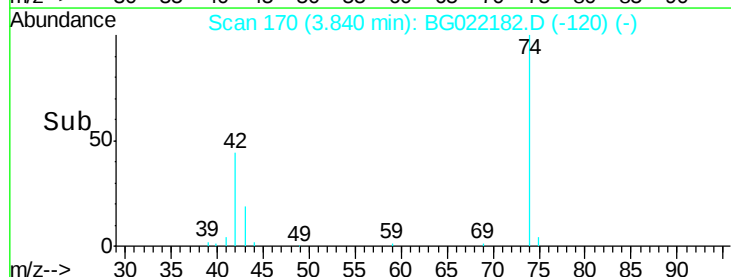
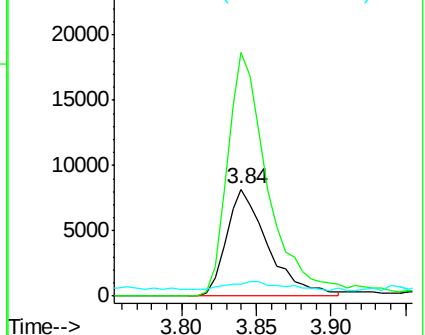
42 100

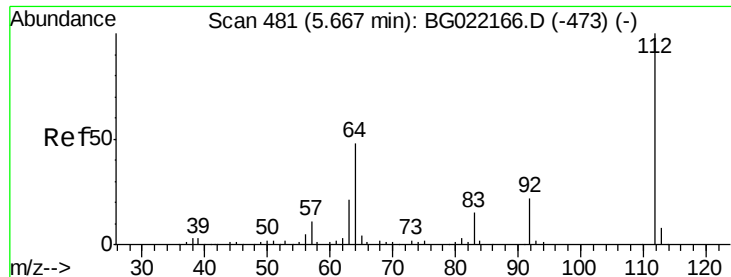
74 227.6 184.0 276.0

44 11.7 11.0 16.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.86 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampled :

PB91112BS

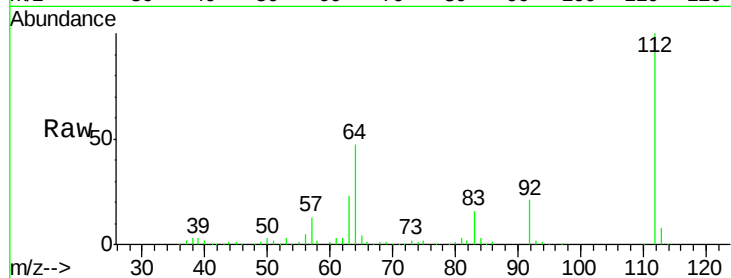
Tgt Ion: 112 Resp: 209472

Ion Ratio Lower Upper

112 100

64 47.0 51.1 76.7#

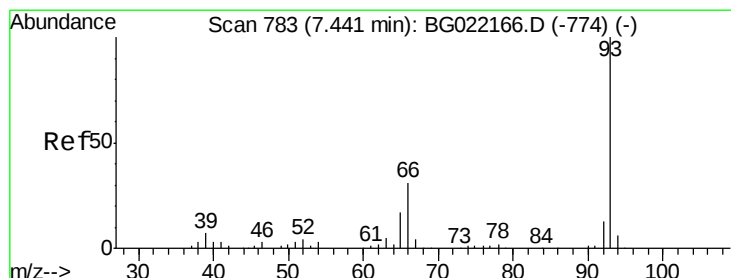
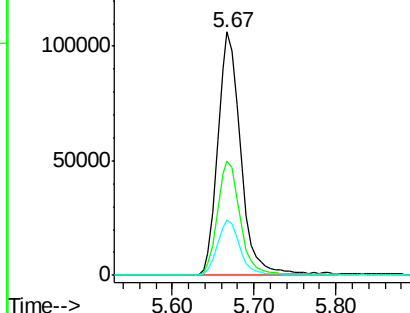
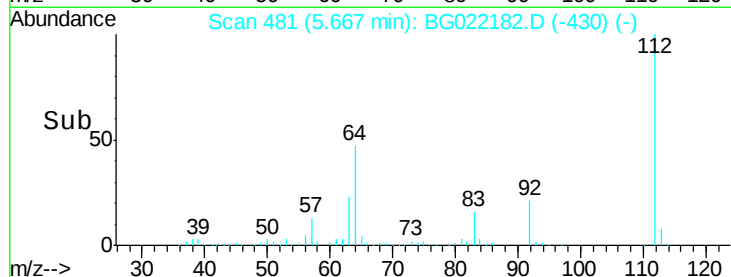
63 22.7 24.6 37.0#



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: 24.17 ng

RT: 7.44 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

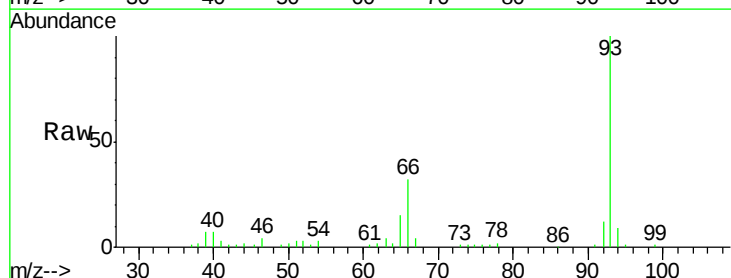
Tgt Ion: 93 Resp: 67049

Ion Ratio Lower Upper

93 100

66 31.9 36.3 54.5#

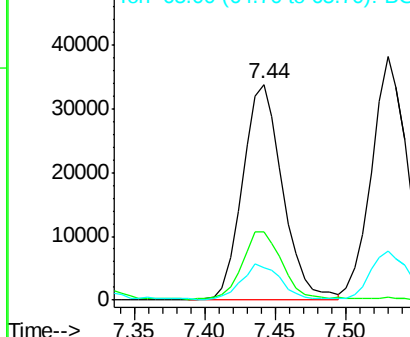
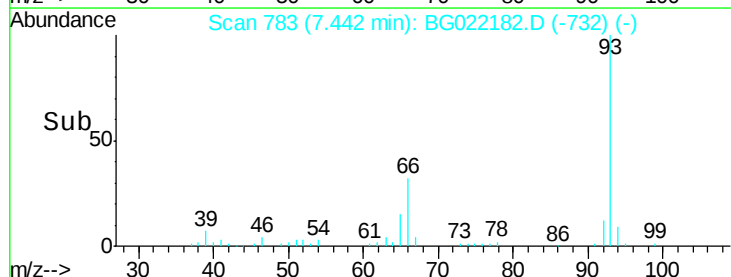
65 15.0 18.4 27.6#

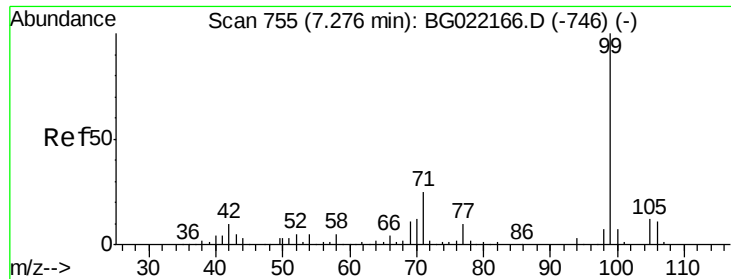


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.13 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022182.D

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ClientSampleId :

PB91112BS

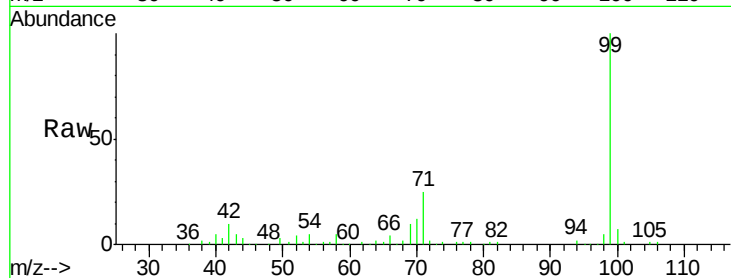
Tgt Ion: 99 Resp: 305919

Ion Ratio Lower Upper

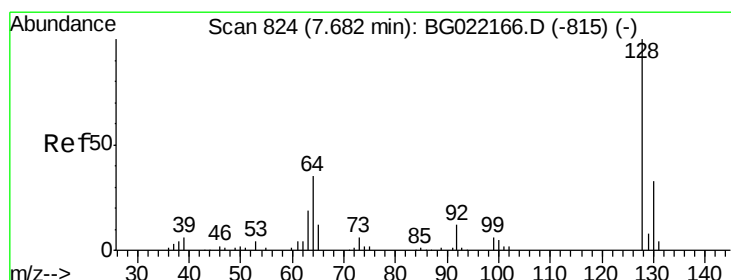
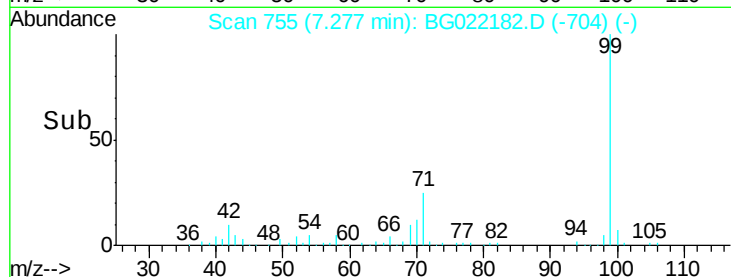
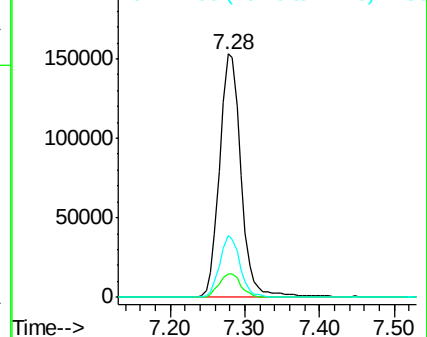
99 100

42 9.8 16.4 24.6#

71 25.4 25.0 37.4



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: 45.07 ng

RT: 7.68 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

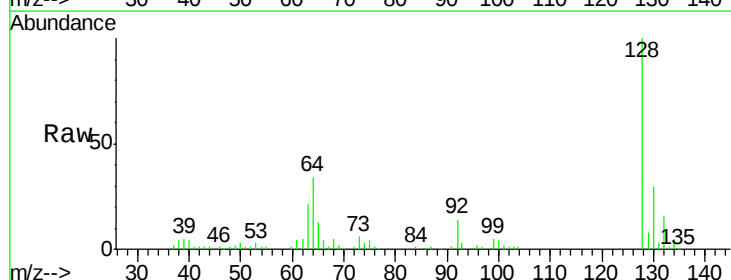
Tgt Ion: 128 Resp: 86492

Ion Ratio Lower Upper

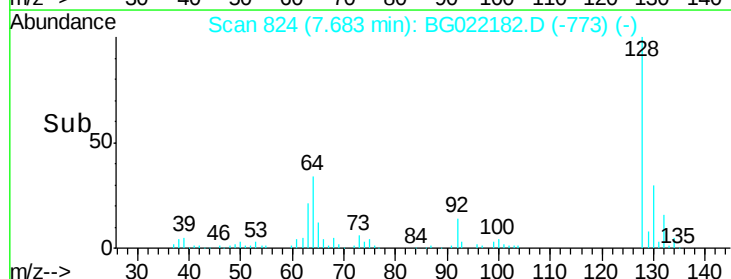
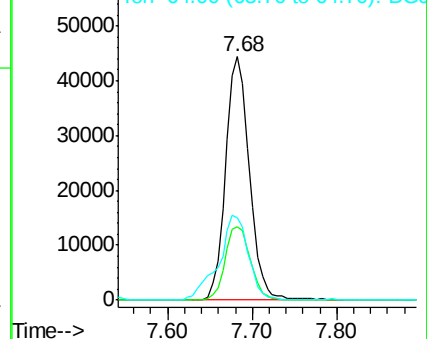
128 100

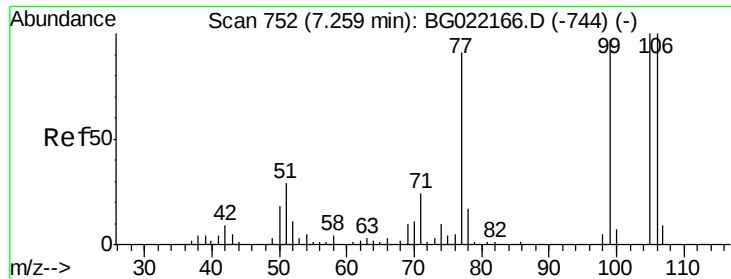
130 30.2 11.2 51.2

64 33.8 39.8 79.8#



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

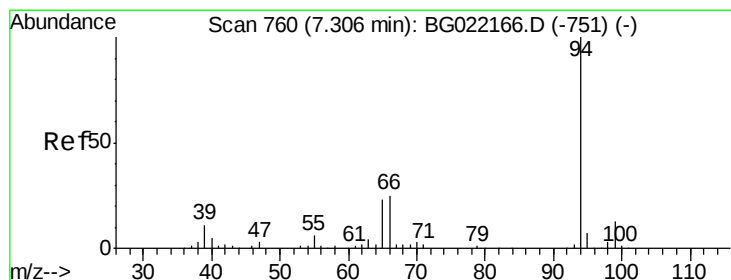
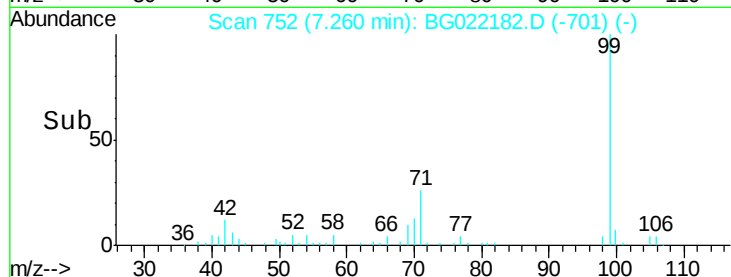
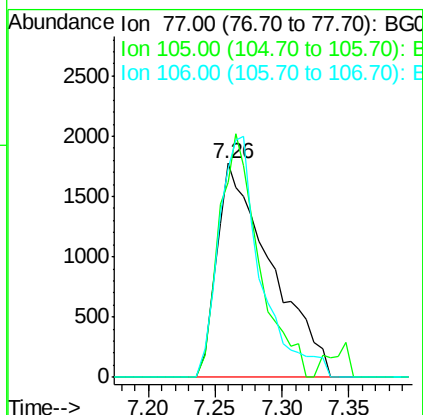
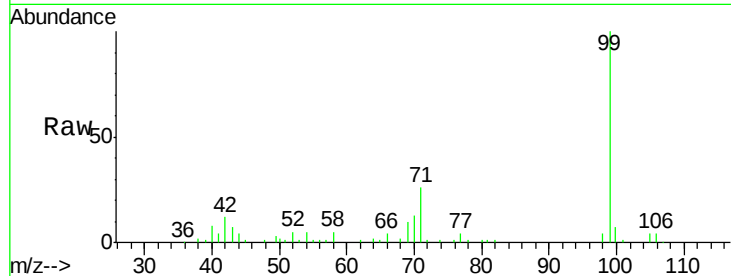




#9
Benzaldehyde
Concen: 4.18 ng
RT: 7.26 min Scan# 752
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

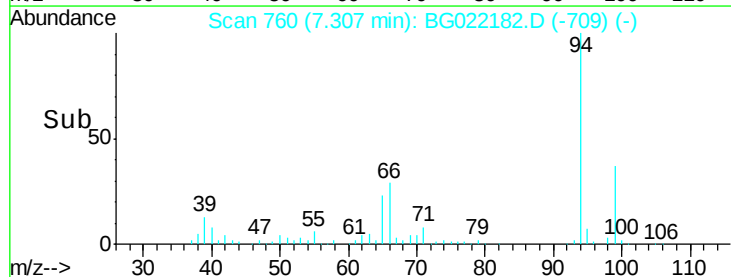
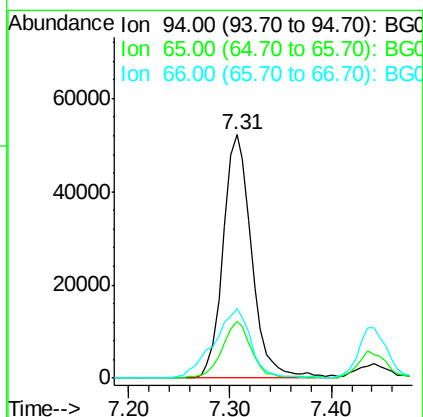
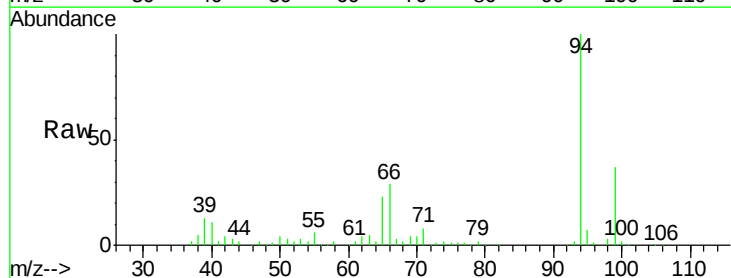
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BNA_G
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PB91112BS

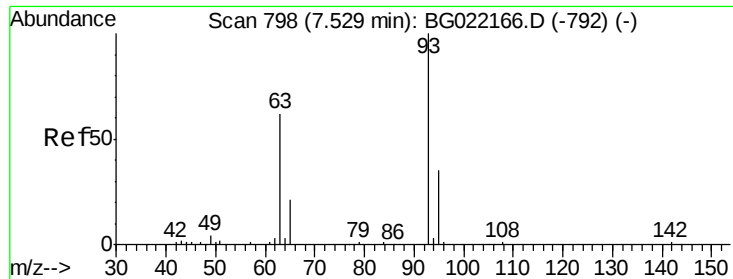
Tgt Ion: 77 Resp: 5025
Ion Ratio Lower Upper
77 100
105 91.0 62.1 102.1
106 97.6 65.6 105.6



#10
Phenol
Concen: 45.38 ng
RT: 7.31 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion: 94 Resp: 102139
Ion Ratio Lower Upper
94 100
65 23.4 9.8 49.8
66 28.7 20.8 60.8

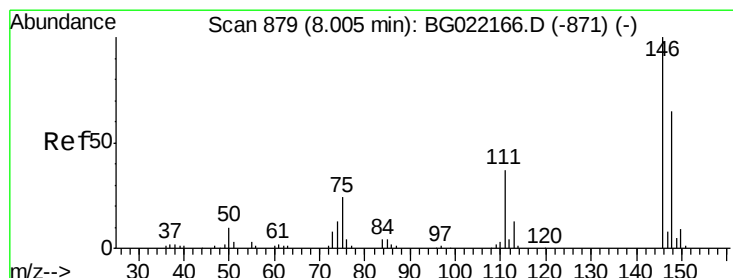
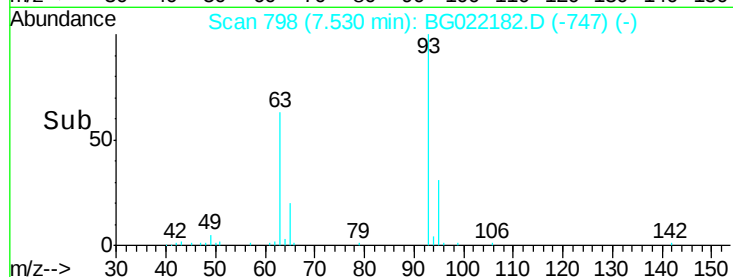
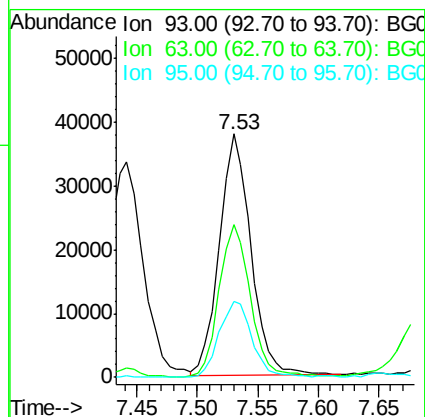
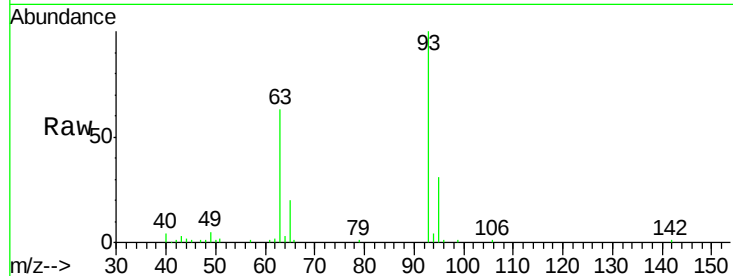




#11
bis(2-Chloroethyl)ether
Concen: 38.38 ng
RT: 7.53 min Scan# 798
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

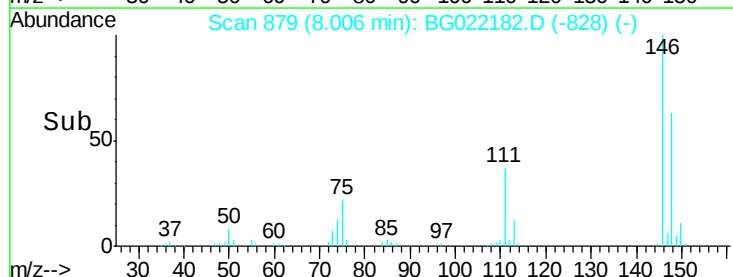
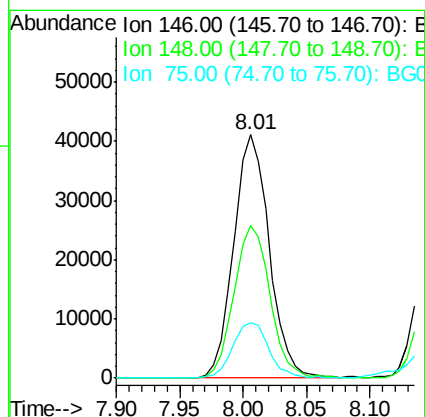
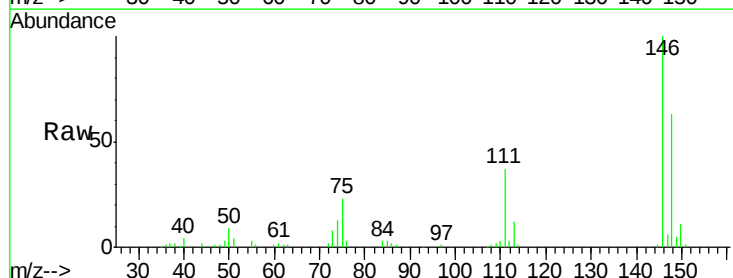
Instrument :
BNA_G
ClientSampleId :
PB91112BS

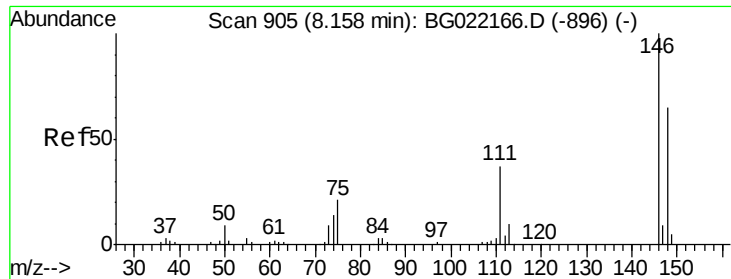
Tgt Ion: 93 Resp: 68875
Ion Ratio Lower Upper
93 100
63 63.0 74.9 114.9#
95 31.4 8.3 48.3



#12
1,3-Dichlorobenzene
Concen: 38.80 ng
RT: 8.01 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion: 146 Resp: 79814
Ion Ratio Lower Upper
146 100
148 62.6 53.7 80.5
75 22.7 27.4 41.0#

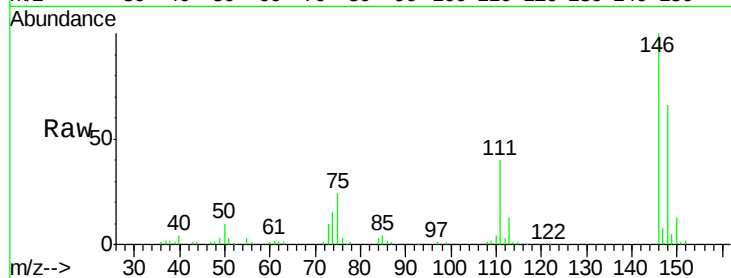




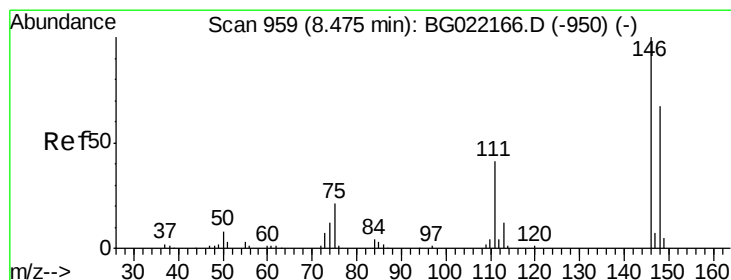
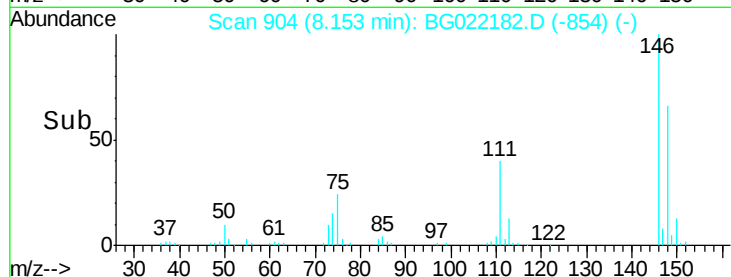
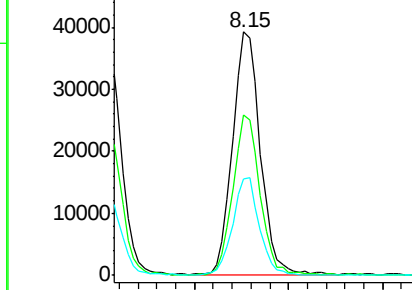
#13
 1,4-Dichlorobenzene
 Concen: 39.44 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion:146 Resp: 80833
 Ion Ratio Lower Upper
 146 100
 148 66.0 46.7 70.1
 111 39.7 33.0 49.6

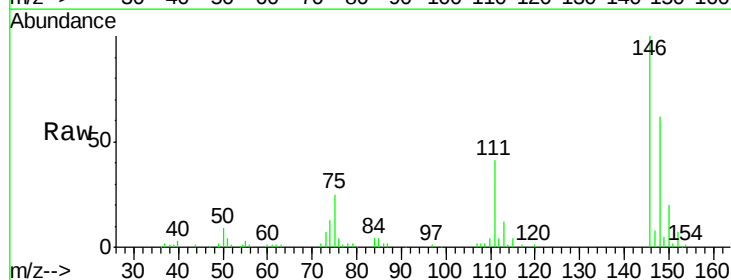


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

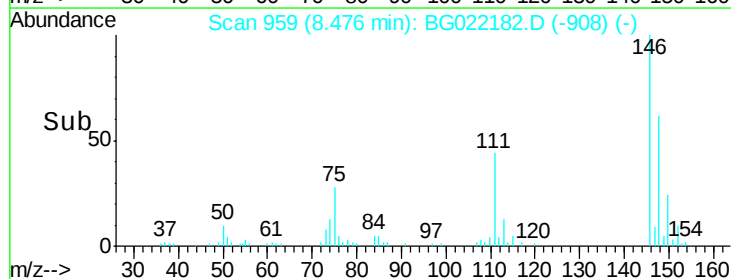
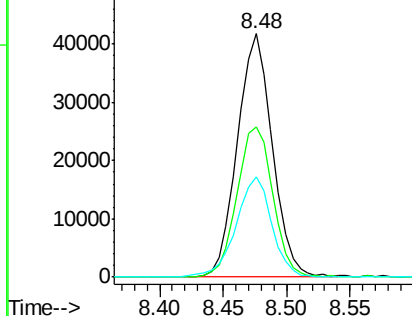


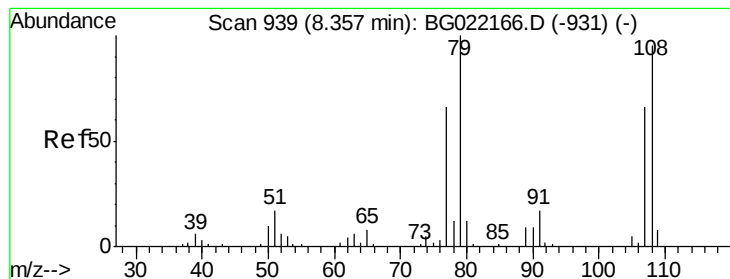
#14
 1,2-Dichlorobenzene
 Concen: 38.73 ng
 RT: 8.48 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:146 Resp: 80015
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.6 79.0
 111 41.2 36.1 54.1



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: 39.42 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

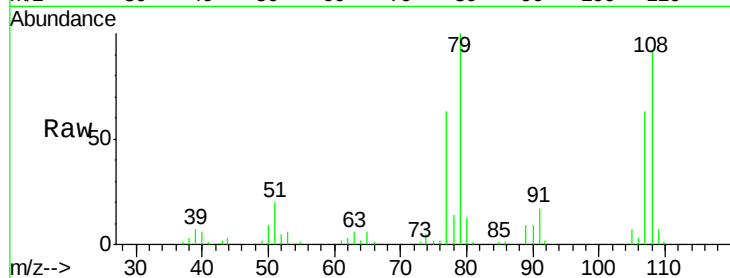
Tgt Ion: 79 Resp: 55598

Ion Ratio Lower Upper

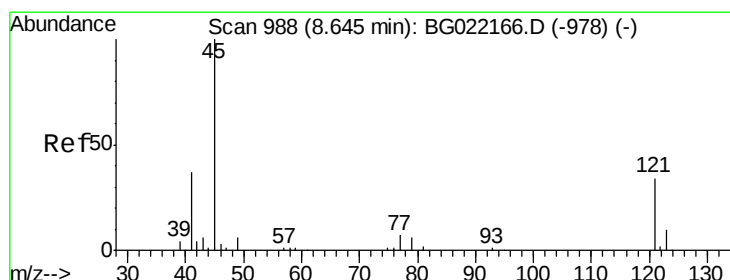
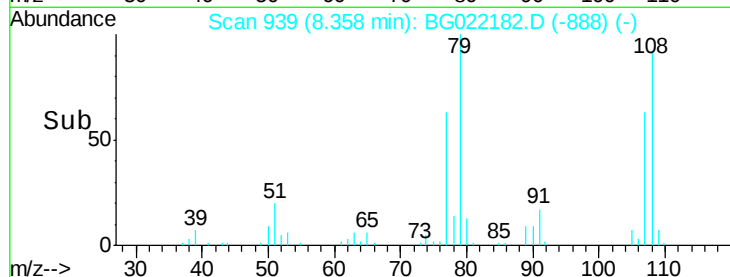
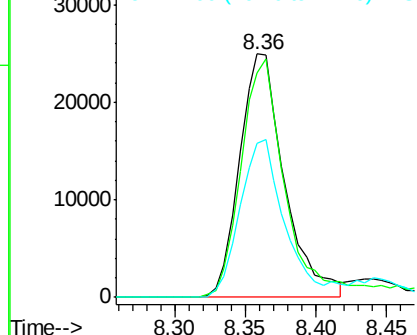
79 100

108 92.2 59.4 89.0#

77 63.3 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

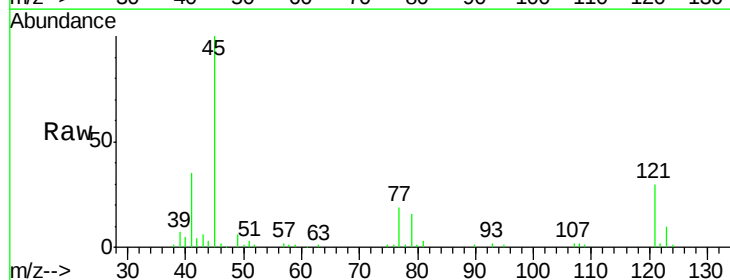
Tgt Ion: 45 Resp: 70826

Ion Ratio Lower Upper

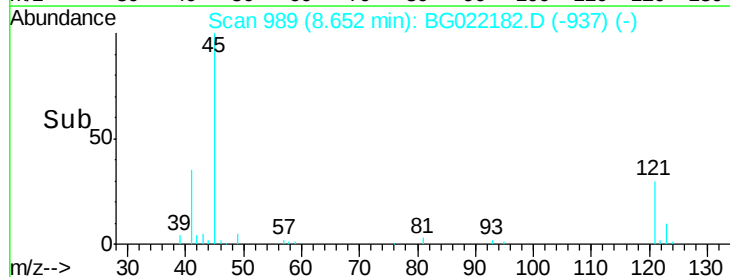
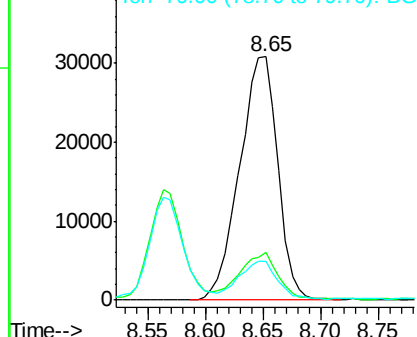
45 100

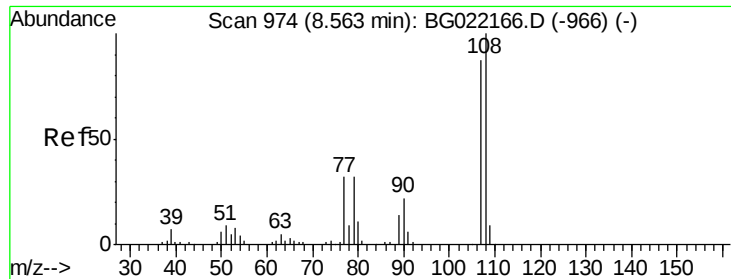
77 19.5 0.0 31.2

79 16.1 0.0 29.0



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

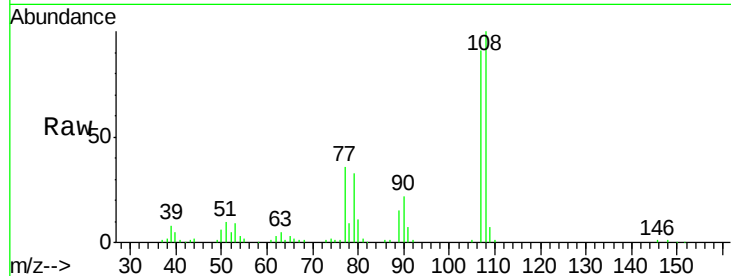




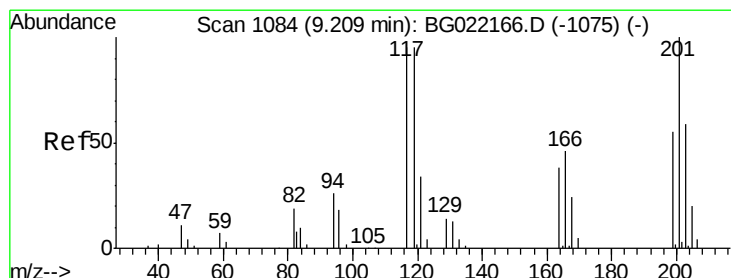
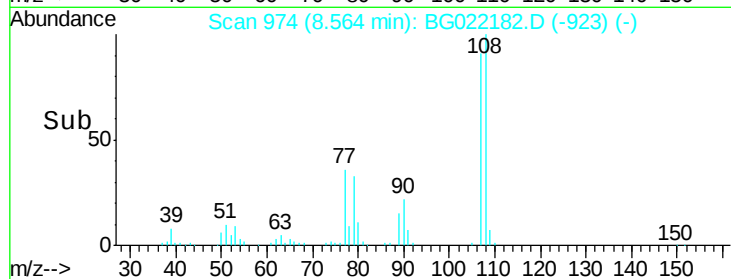
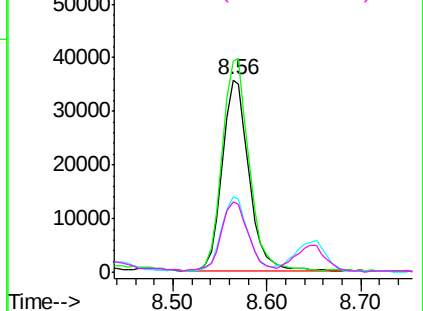
#17
2-Methylphenol
Concen: 42.34 ng
RT: 8.56 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion:107 Resp: 71116
Ion Ratio Lower Upper
107 100
108 109.9 80.2 120.4
77 39.2 40.7 61.1#
79 36.6 39.8 59.8#

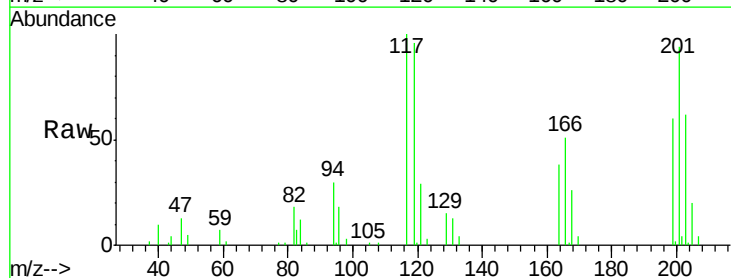


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

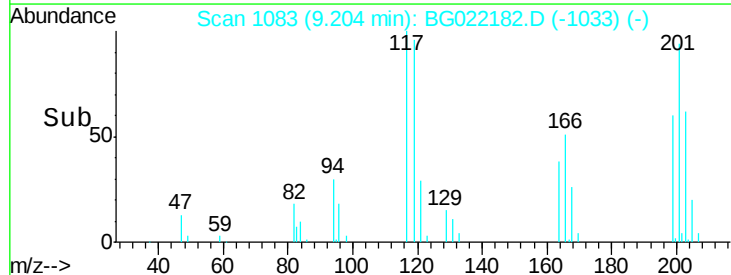
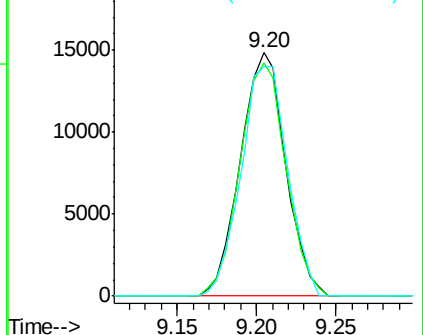


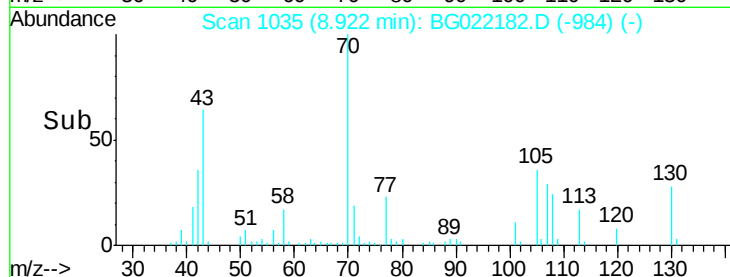
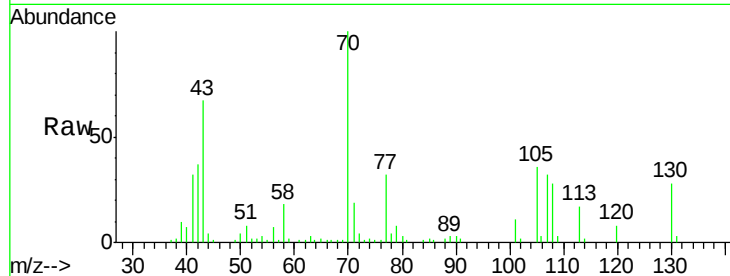
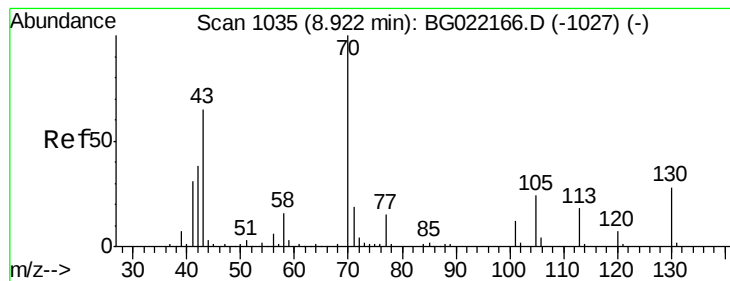
#18
Hexachloroethane
Concen: 39.32 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:117 Resp: 29429
Ion Ratio Lower Upper
117 100
119 95.9 63.9 95.9
201 94.5 61.2 91.8#



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: 36.69 ng

RT: 8.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

Tgt Ion: 70 Resp: 54216

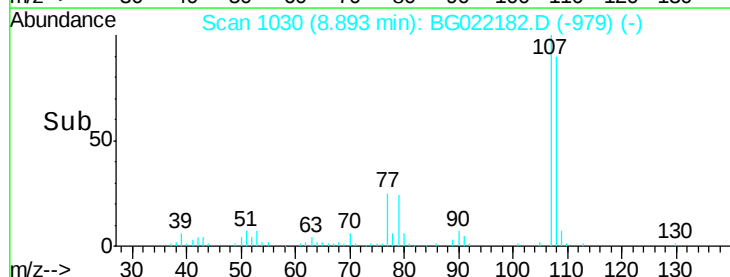
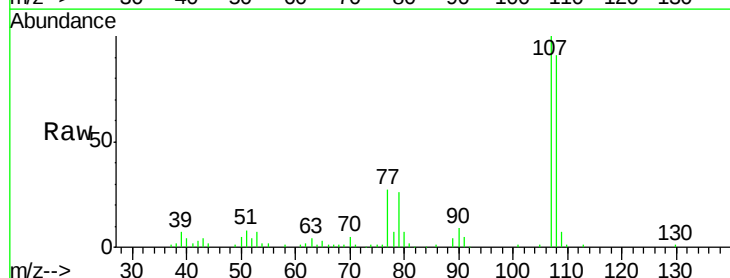
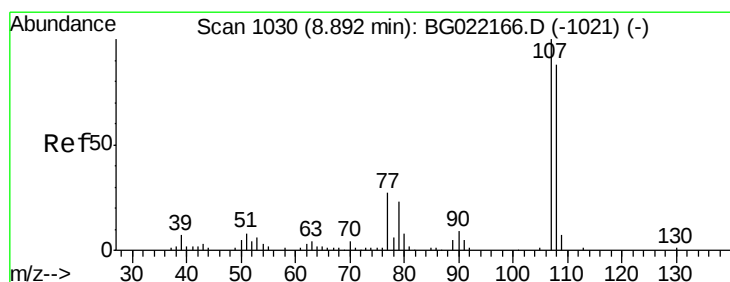
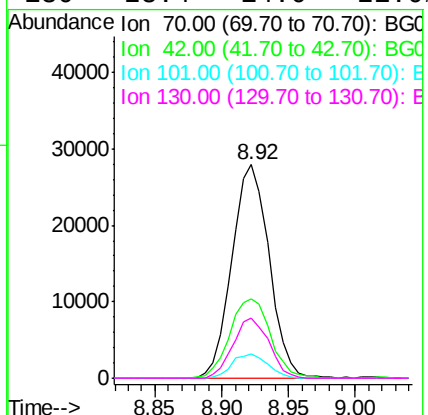
Ion Ratio Lower Upper

70 100

42 37.2 56.7 85.1#

101 11.1 8.2 12.4

130 28.4 14.0 21.0#



#20

3+4-Methylphenols

Concen: 41.26 ng

RT: 8.89 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion: 107 Resp: 99397

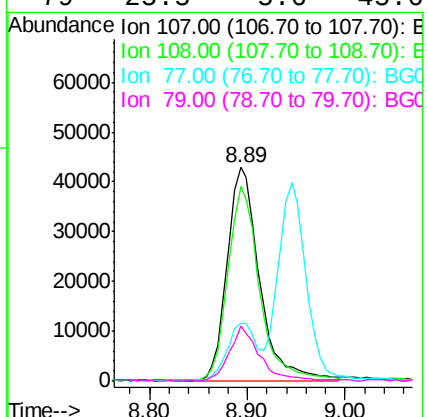
Ion Ratio Lower Upper

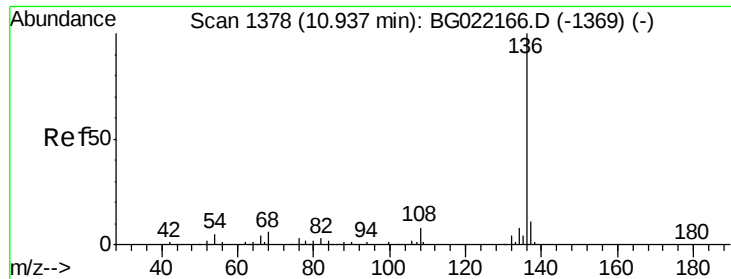
107 100

108 91.3 66.2 106.2

77 27.2 11.5 51.5

79 25.5 5.6 45.6

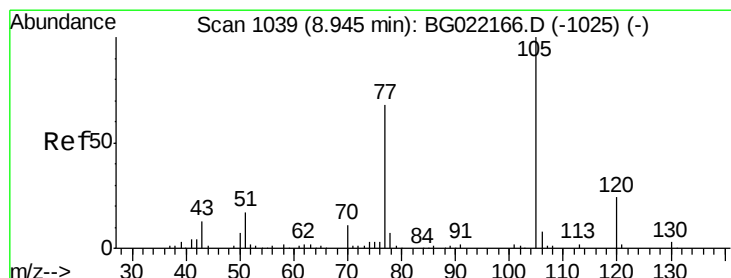
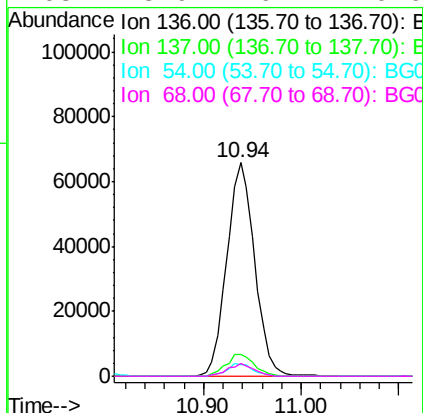
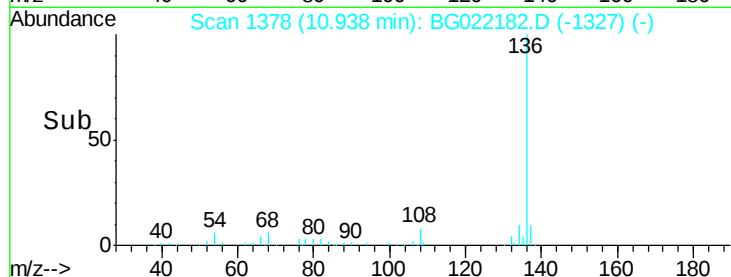
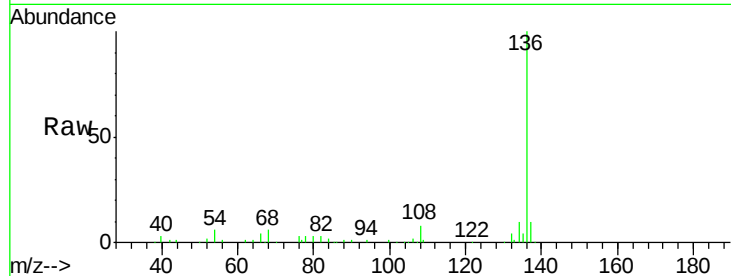




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

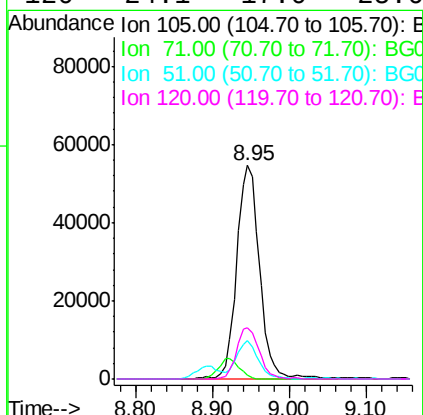
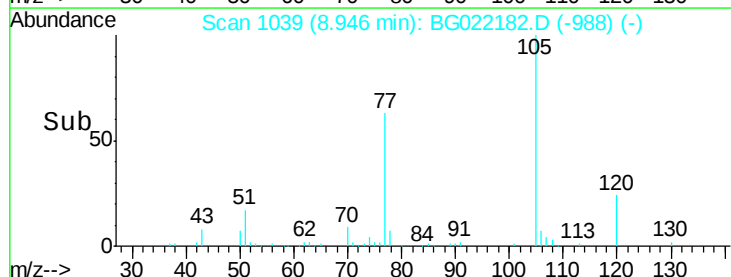
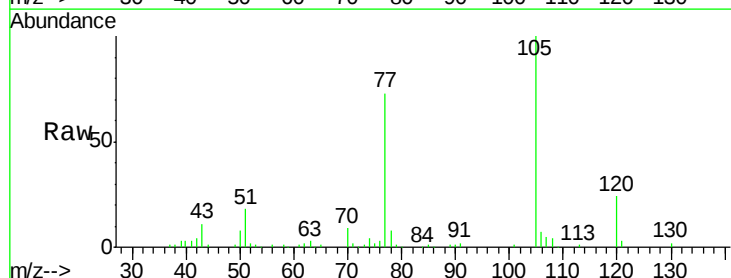
Instrument :
BNA_G
ClientSampleId :
PB91112BS

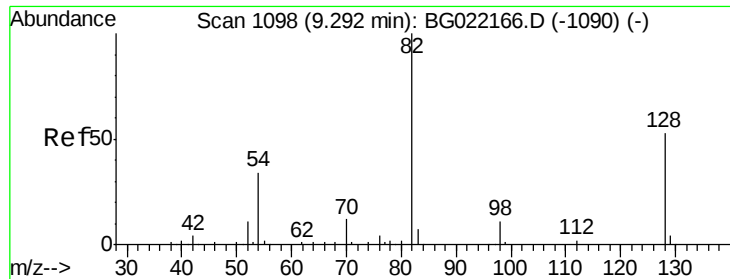
Tgt Ion:	136	Resp:	129801
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.5	9.6	14.4#
68	5.9	6.4	9.6#



#22
Acetophenone
Concen: 40.75 ng
RT: 8.95 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:	105	Resp:	113987
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.0	0.0#
51	18.2	25.7	38.5#
120	24.1	17.0	25.6

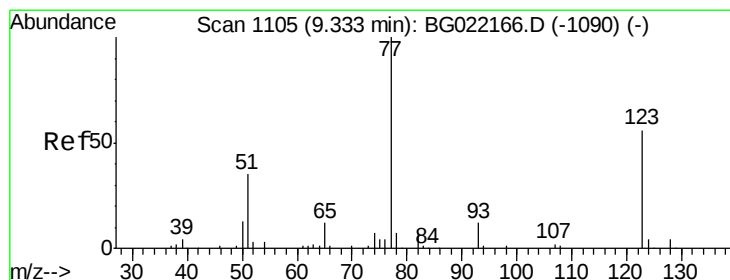
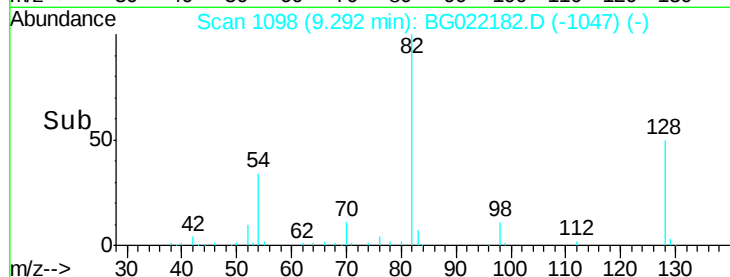
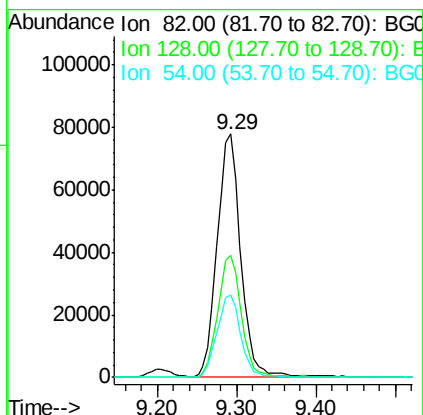
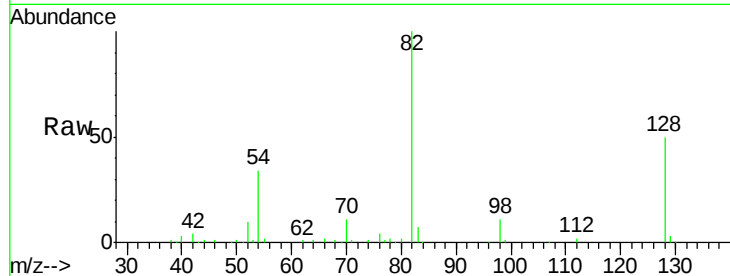




#23
 Nitrobenzene-d5
 Concen: 86.35 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

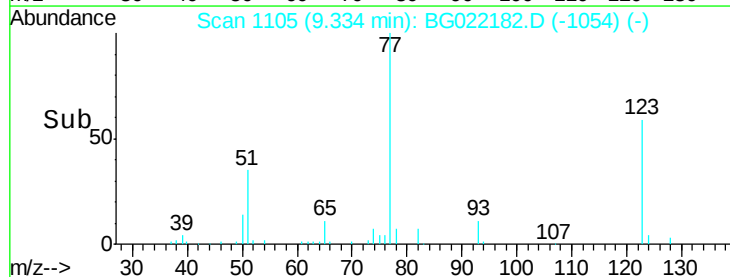
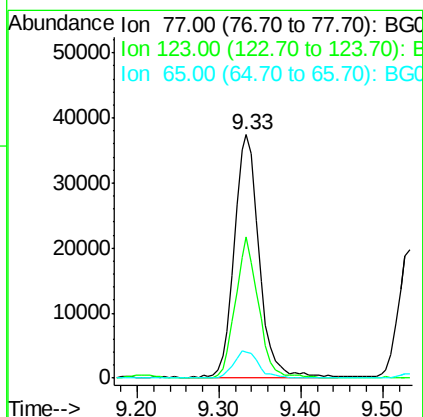
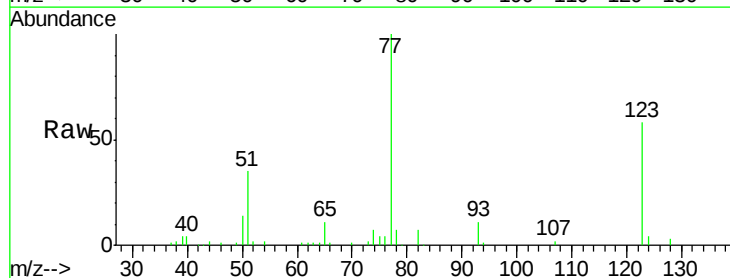
Instrument :
 BNA_G
 ClientSampleID :
 PB91112BS

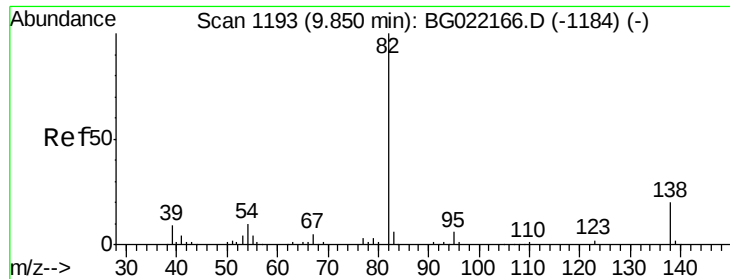
Tgt Ion: 82 Resp: 160761
 Ion Ratio Lower Upper
 82 100
 128 50.3 33.4 50.0#
 54 34.0 46.1 69.1#



#24
 Nitrobenzene
 Concen: 42.58 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion: 77 Resp: 79719
 Ion Ratio Lower Upper
 77 100
 123 58.2 32.2 48.4#
 65 10.6 10.3 15.5





#25

Isophorone

Concen: 38.18 ng

RT: 9.85 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

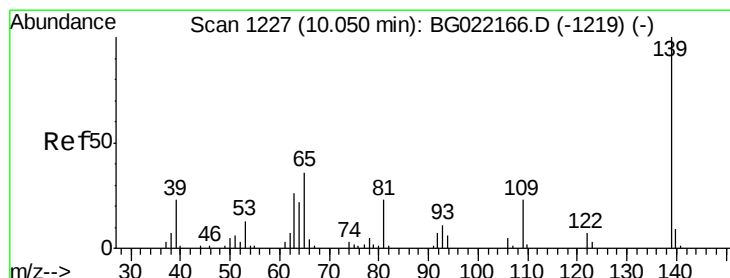
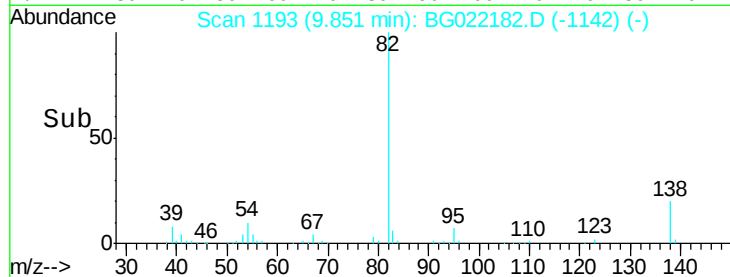
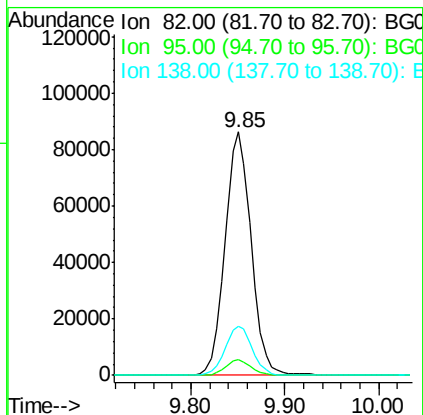
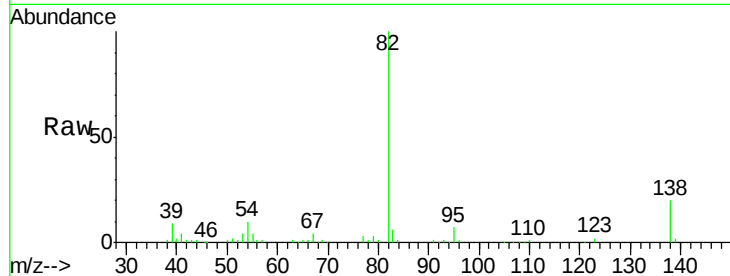
Tgt Ion: 82 Resp: 166309

Ion Ratio Lower Upper

82 100

95 6.6 6.0 9.0

138 20.0 13.4 20.0



#26

2-Nitrophenol

Concen: 43.01 ng

RT: 10.05 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

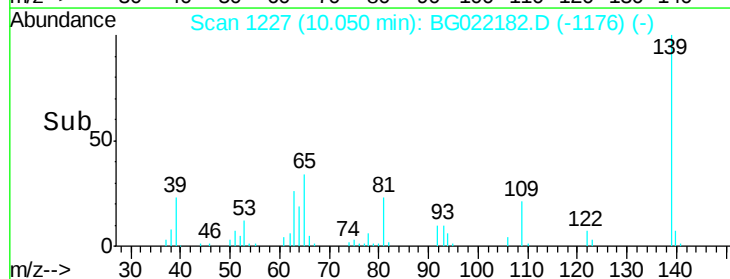
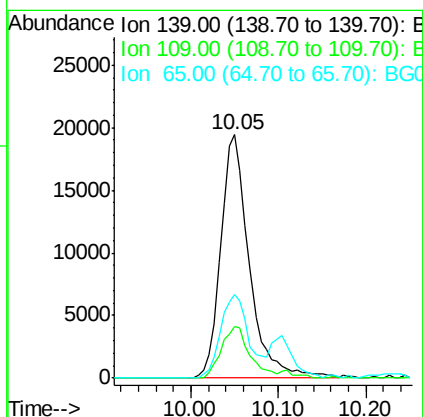
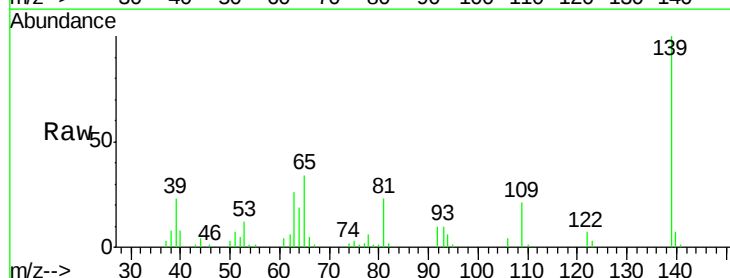
Tgt Ion: 139 Resp: 43664

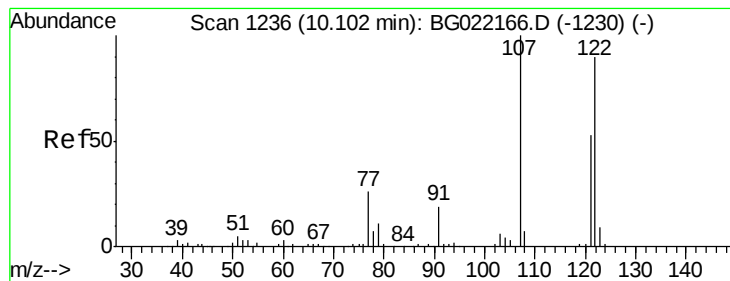
Ion Ratio Lower Upper

139 100

109 21.0 26.6 40.0#

65 34.5 45.3 67.9#





#27

2,4-Dimethylphenol

Concen: 45.20 ng

RT: 10.10 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

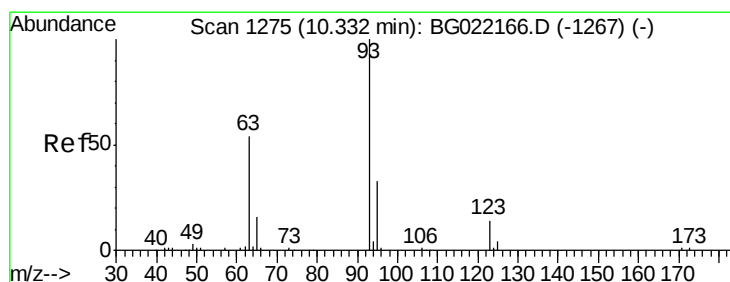
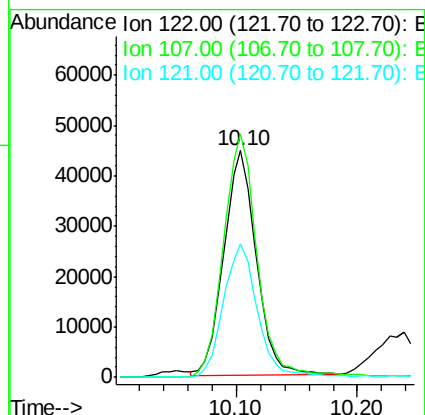
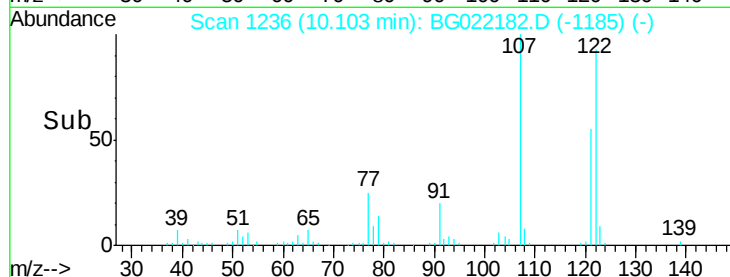
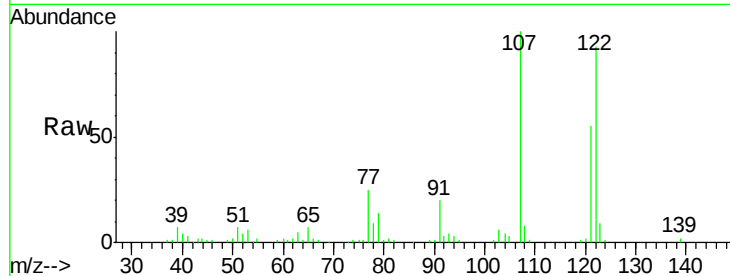
Tgt Ion: 122 Resp: 83051

Ion Ratio Lower Upper

122 100

107 107.4 97.2 145.8

121 58.7 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.18 ng

RT: 10.33 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

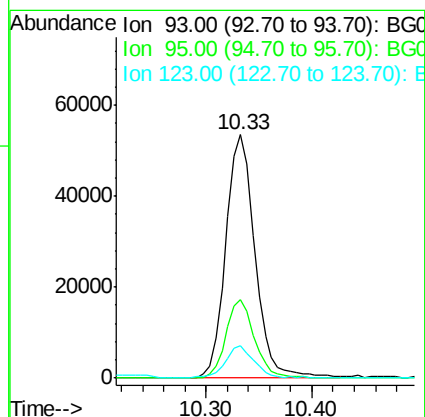
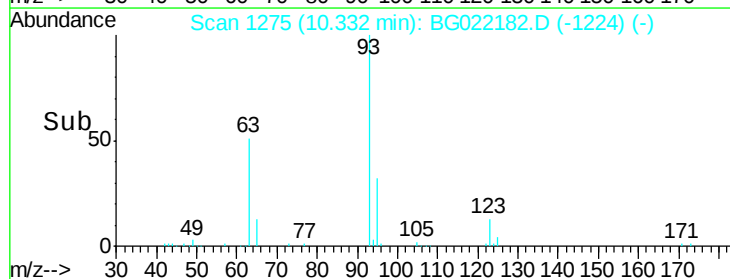
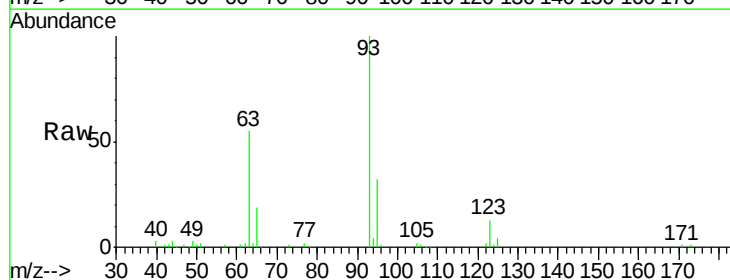
Tgt Ion: 93 Resp: 102770

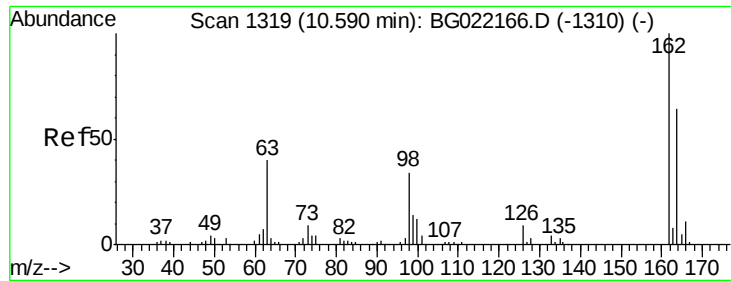
Ion Ratio Lower Upper

93 100

95 32.1 30.1 45.1

123 13.2 10.2 15.4

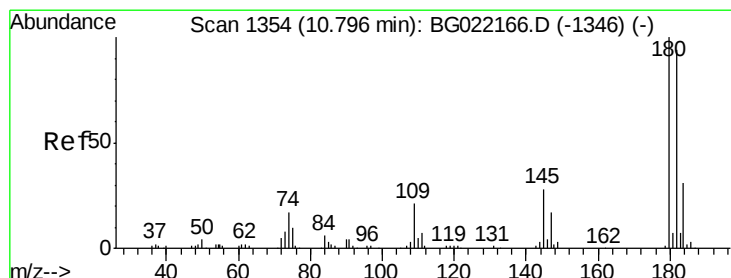
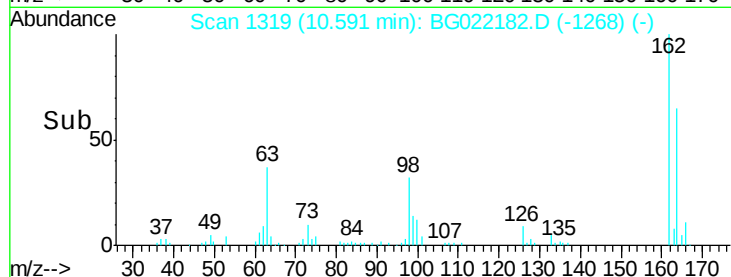
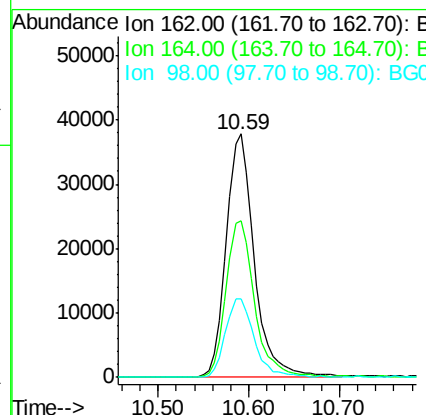
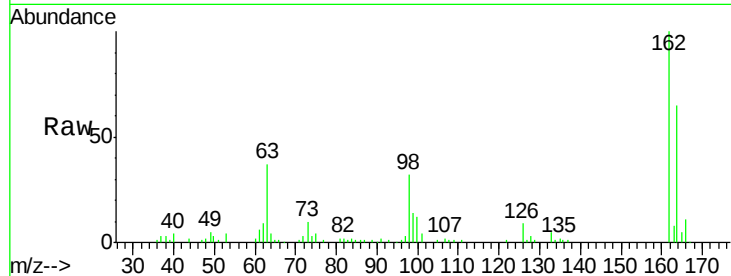




#29
 2,4-Dichlorophenol
 Concen: 47.94 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

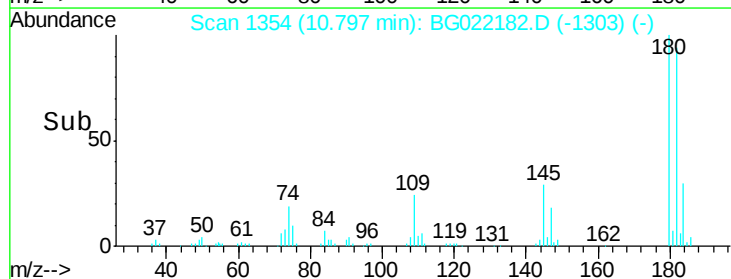
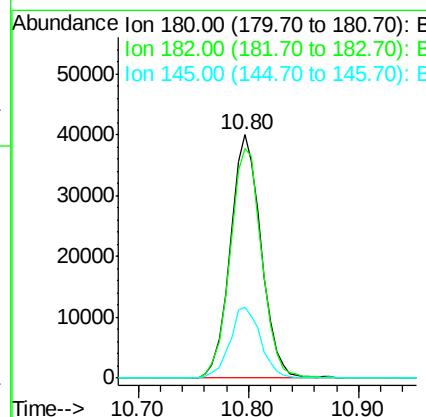
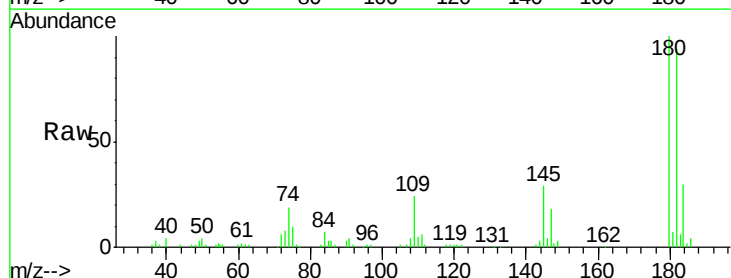
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

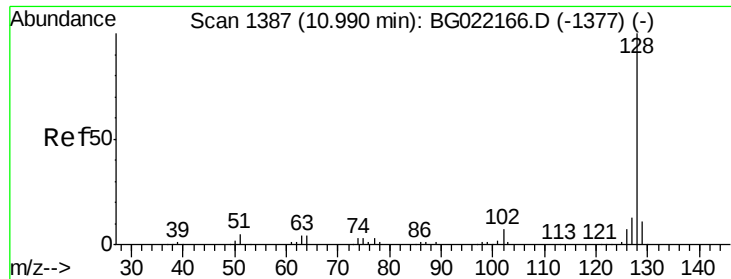
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	32.4	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.06 ng
 RT: 10.80 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	82.3	123.5
145	29.0	24.4	36.6





#31

Naphthalene

Concen: 40.27 ng

RT: 10.99 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

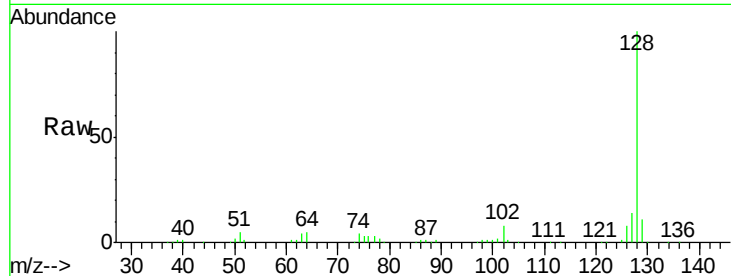
Tgt Ion:128 Resp: 260887

Ion Ratio Lower Upper

128 100

129 11.0 7.0 10.6#

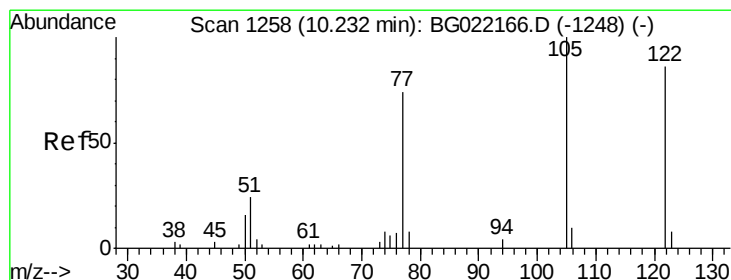
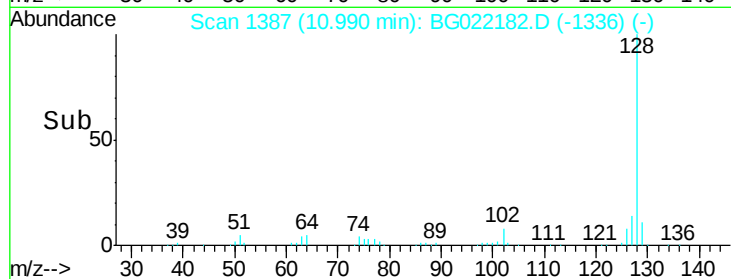
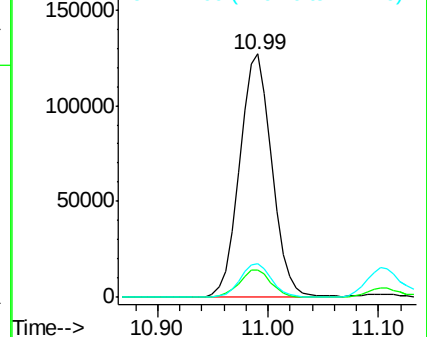
127 14.1 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.36 ng

RT: 10.24 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

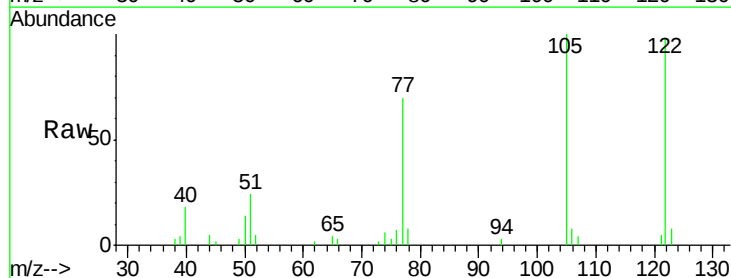
Tgt Ion:122 Resp: 21619

Ion Ratio Lower Upper

122 100

105 102.1 104.5 144.5#

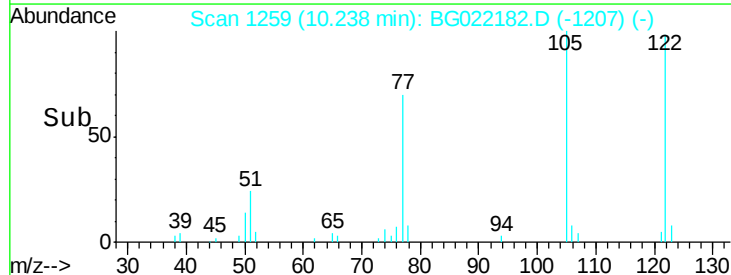
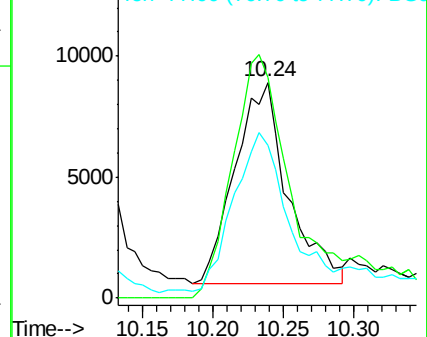
77 71.0 79.9 119.9#

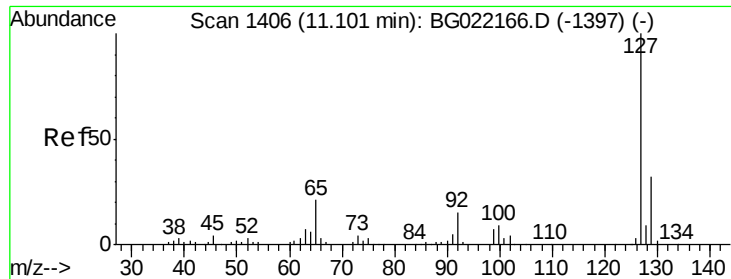


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

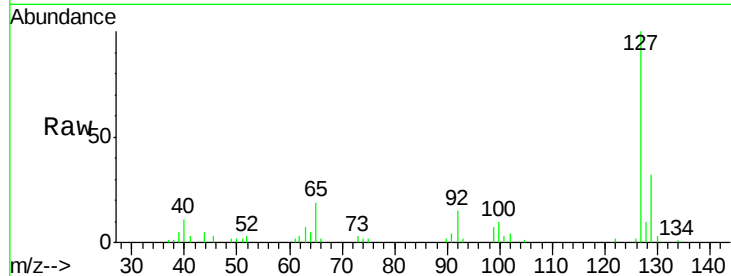




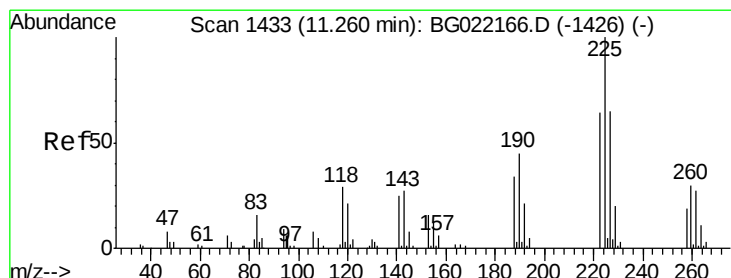
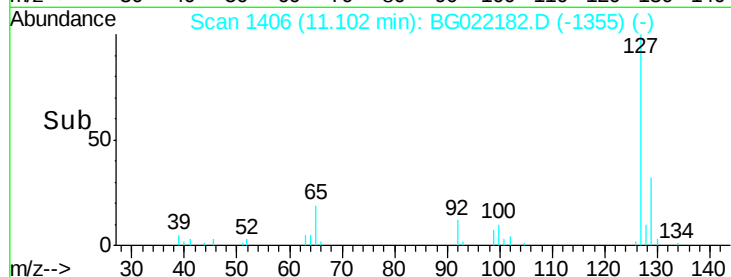
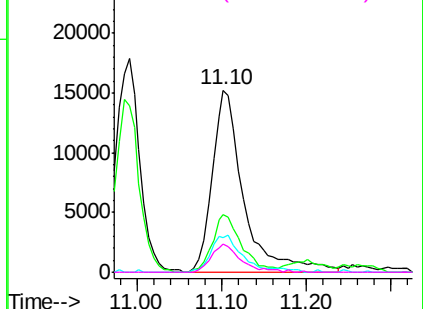
#33
4-Chloroaniline
Concen: 14.73 ng
RT: 11.10 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion:127 Resp: 39671
Ion Ratio Lower Upper
127 100
129 31.7 26.6 39.8
65 19.1 27.5 41.3#
92 15.3 14.7 22.1

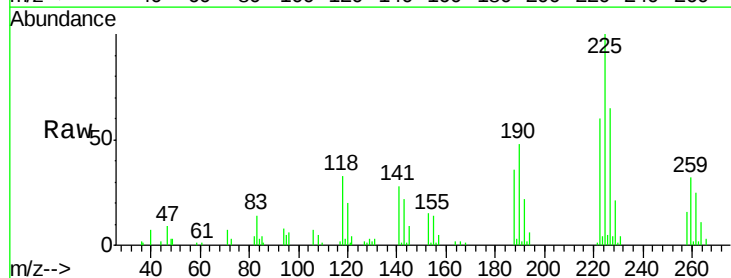


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

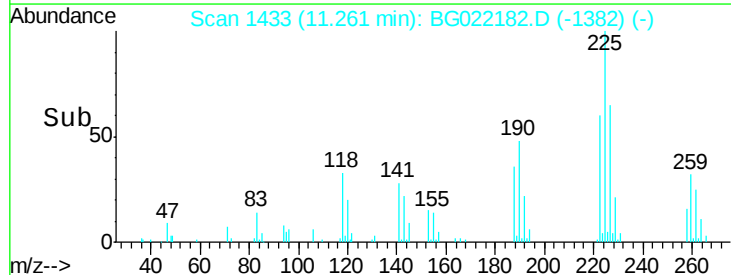
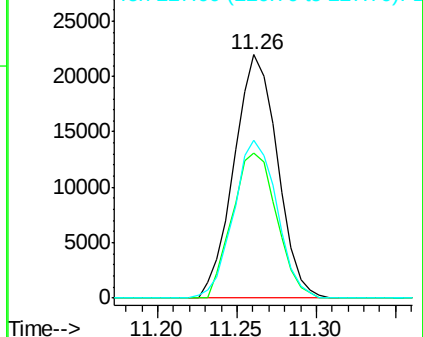


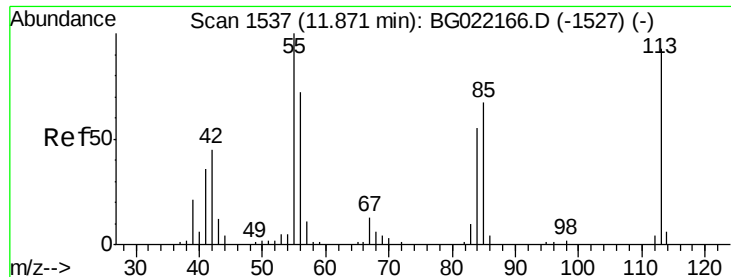
#34
Hexachlorobutadiene
Concen: 40.80 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:225 Resp: 41663
Ion Ratio Lower Upper
225 100
223 61.3 52.7 79.1
227 65.4 49.7 74.5



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

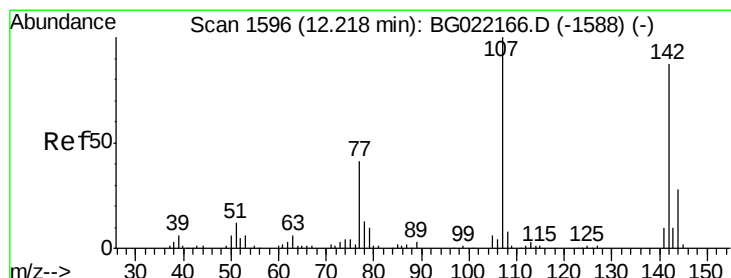
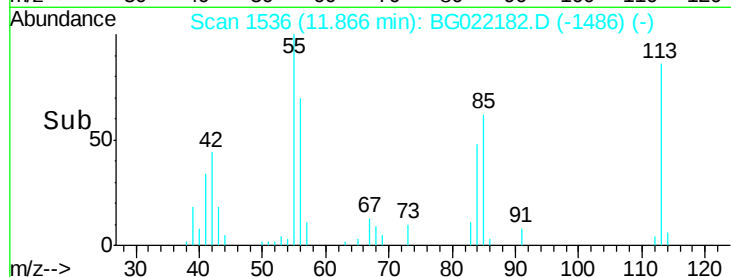
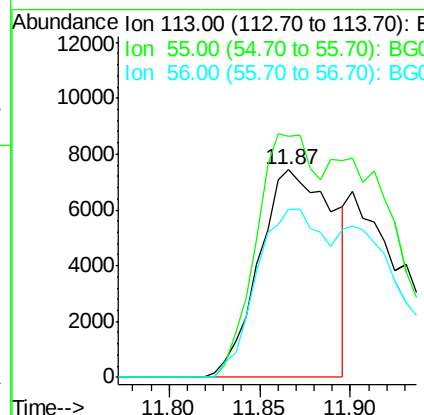
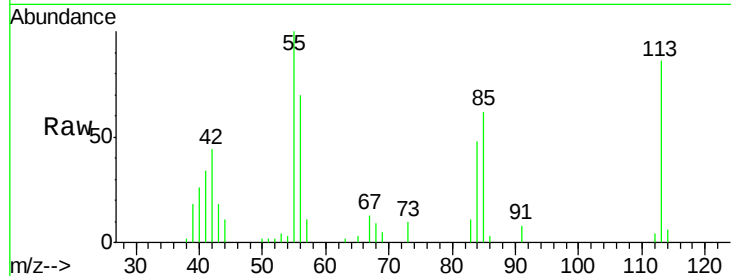




#35
 Caprolactam
 Concen: 22.78 ng
 RT: 11.87 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

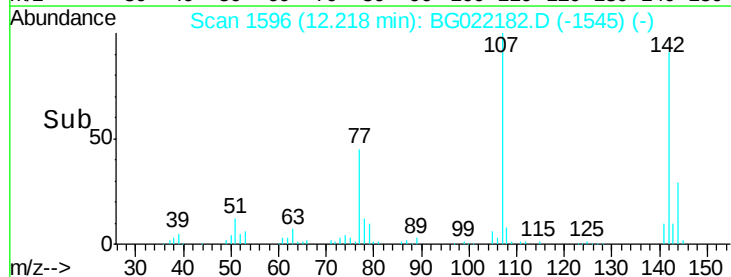
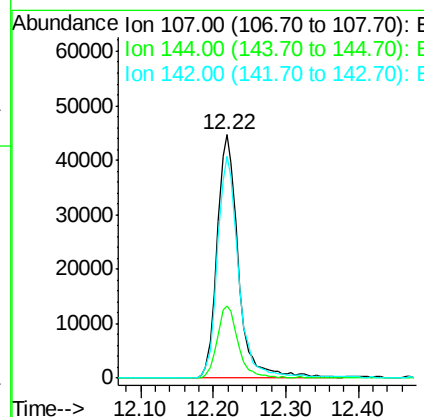
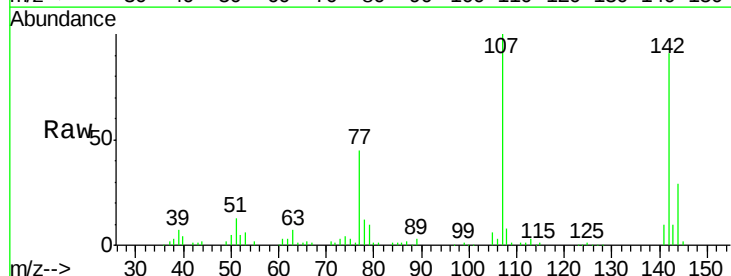
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

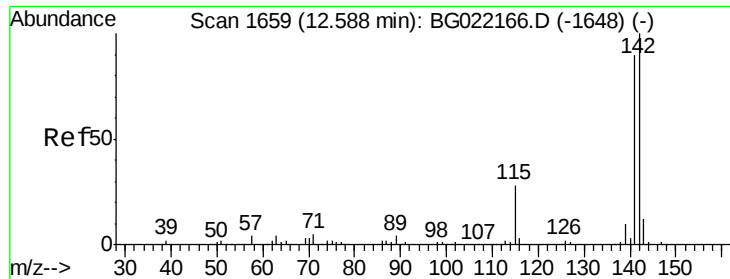
Tgt Ion:113 Resp: 21273
 Ion Ratio Lower Upper
 113 100
 55 116.2 194.2 234.2#
 56 81.2 122.6 162.6#



#36
 4-Chloro-3-methylphenol
 Concen: 45.13 ng
 RT: 12.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:107 Resp: 91059
 Ion Ratio Lower Upper
 107 100
 144 29.5 19.2 28.8#
 142 91.0 59.1 88.7#

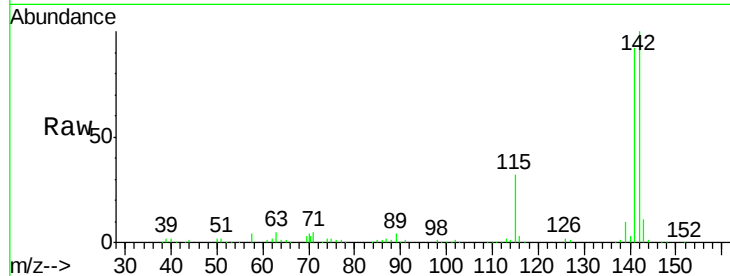




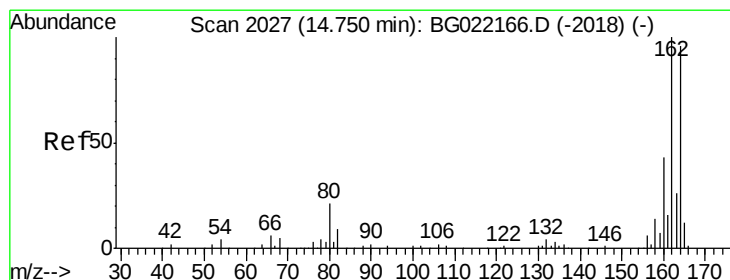
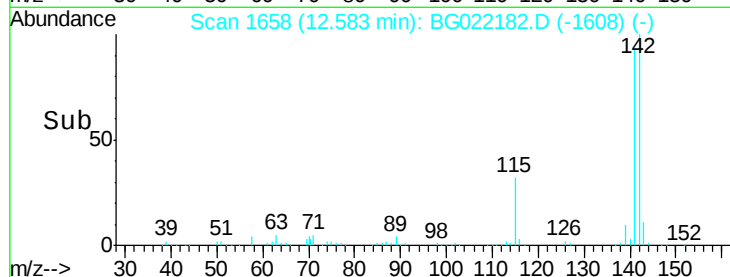
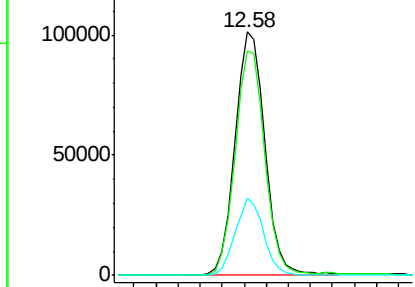
#37
2-Methylnaphthalene
Concen: 40.39 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion:142 Resp: 193182
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.0
115 31.9 27.4 41.2

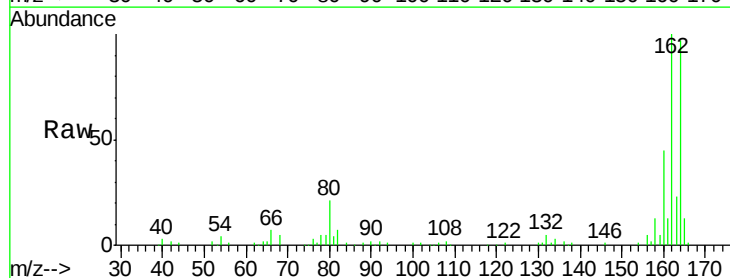


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

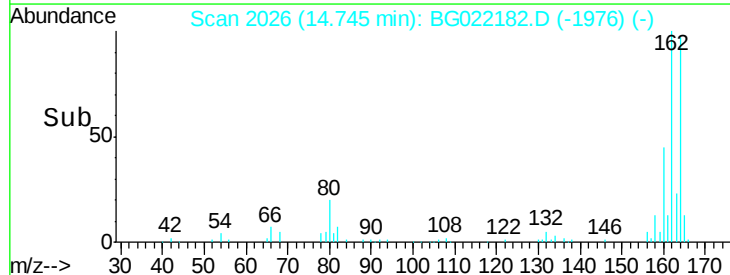
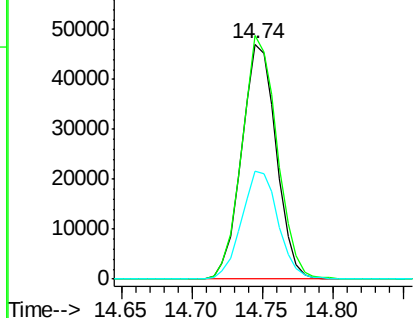


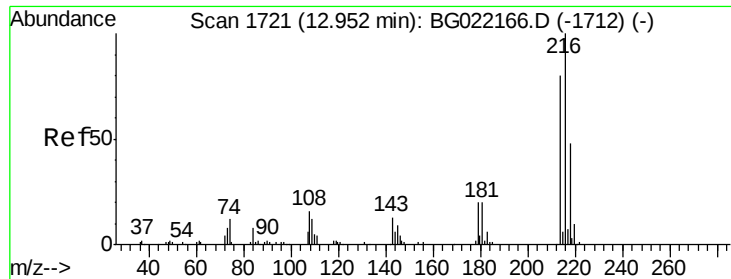
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:164 Resp: 80805
Ion Ratio Lower Upper
164 100
162 103.5 78.0 117.0
160 46.1 32.9 49.3



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

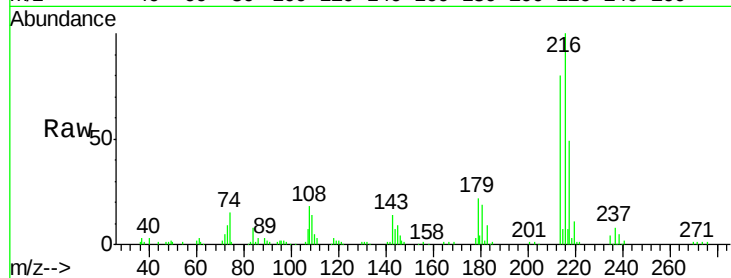




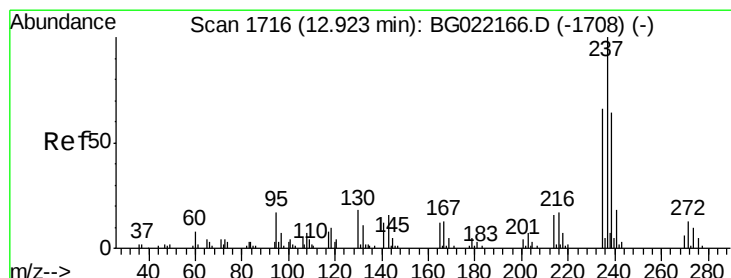
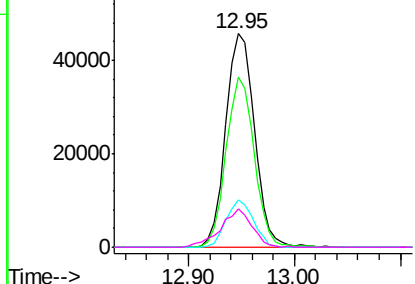
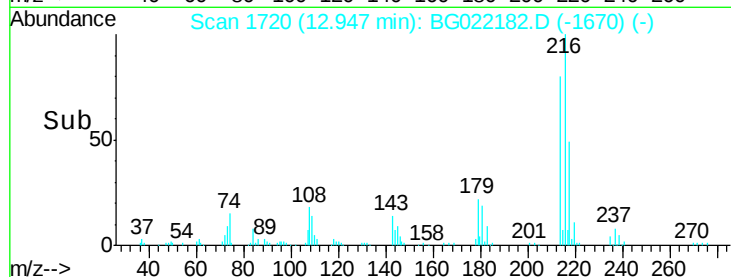
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.43 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion:	216	Resp:	86188
Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.2	93.2
179	21.2	16.7	25.1
108	19.5	14.0	21.0

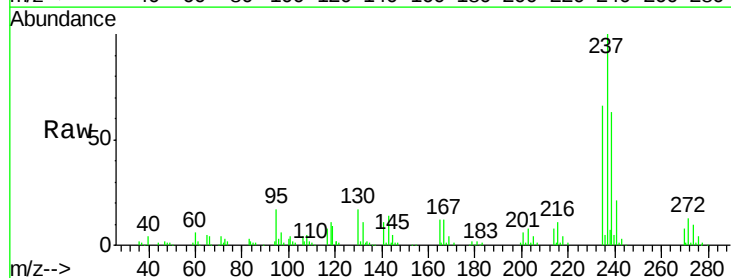


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

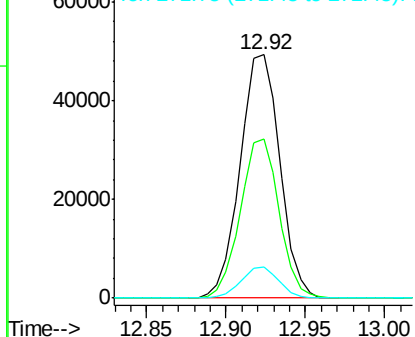
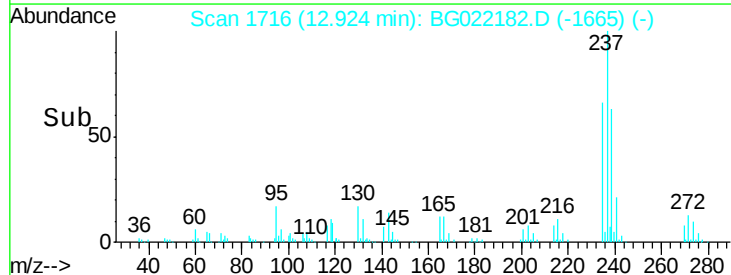


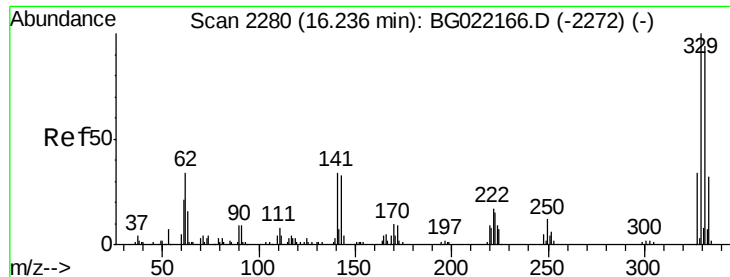
#40
 Hexachlorocyclopentadiene
 Concen: 80.90 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:	237	Resp:	85858
Ion	Ratio	Lower	Upper
237	100		
235	65.6	43.2	83.2
272	12.7	0.0	33.4



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

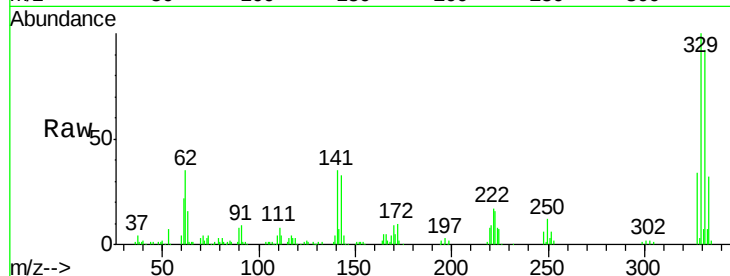




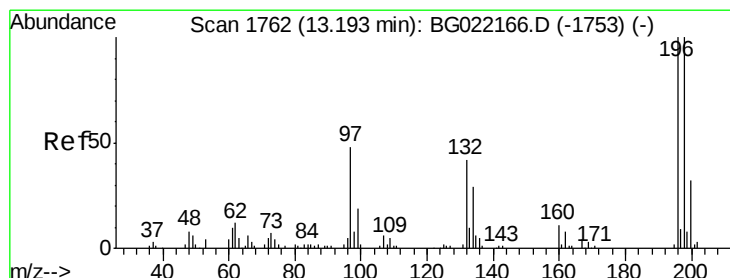
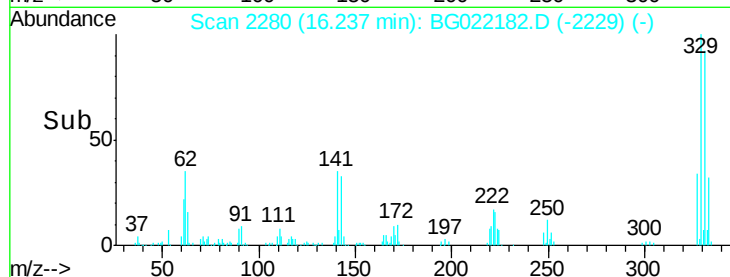
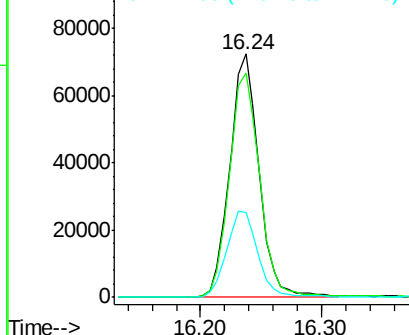
#41
 2,4,6-Tribromophenol
 Concen: 133.99 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	122339		
332	95.7	78.0	117.0	
141	37.6	33.8	50.8	

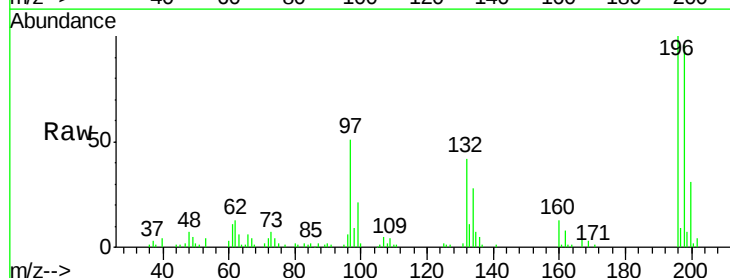


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

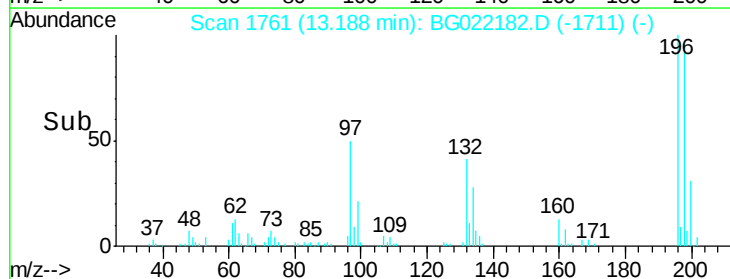
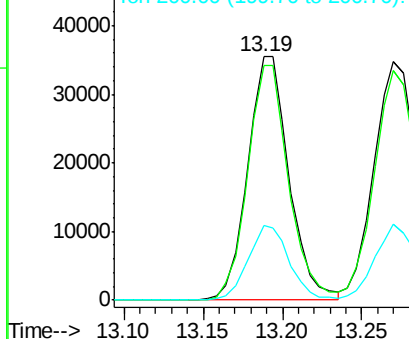


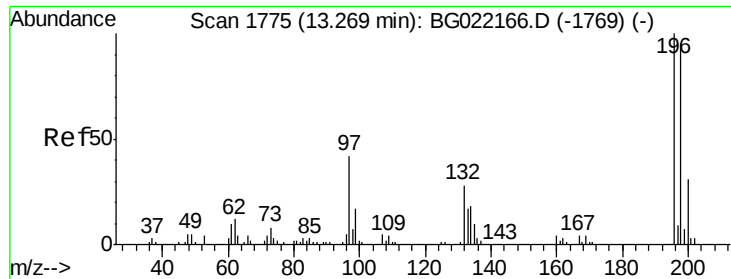
#42
 2,4,6-Trichlorophenol
 Concen: 46.00 ng
 RT: 13.19 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64193		
198	96.5	80.1	120.1	
200	33.4	24.1	36.1	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

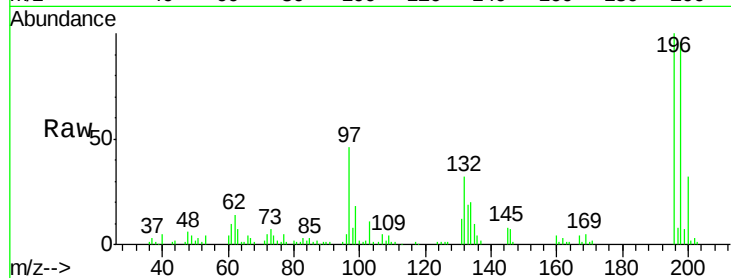




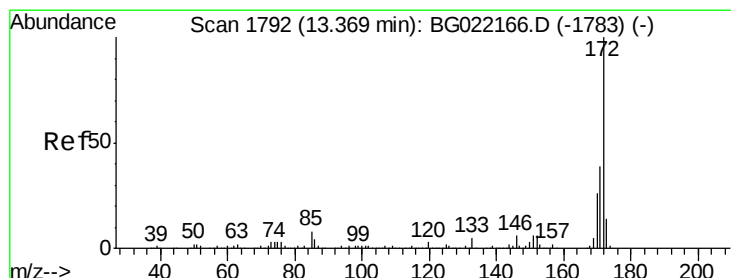
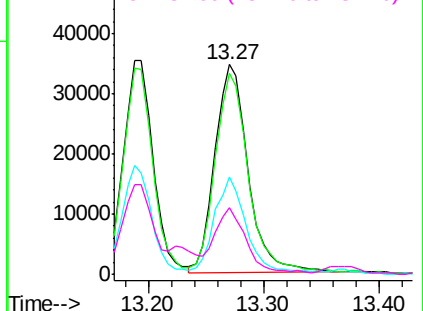
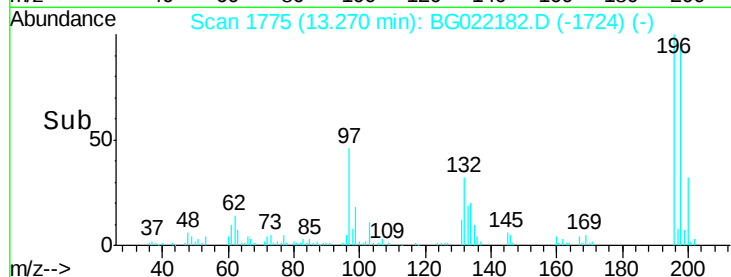
#43
 2,4,5-Trichlorophenol
 Concen: 44.89 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion:196 Resp: 69211
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.0 117.0
 97 46.2 43.0 64.6
 132 31.8 23.0 34.4

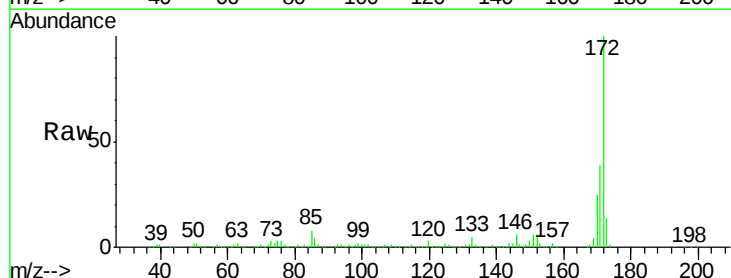


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

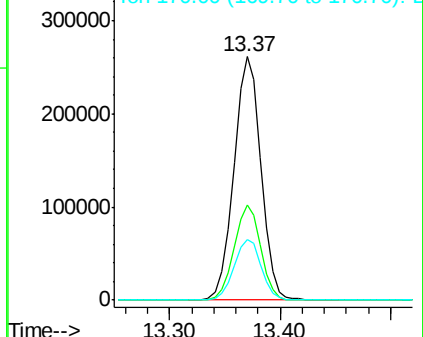
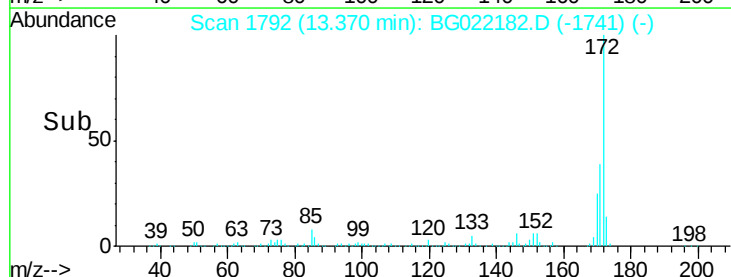


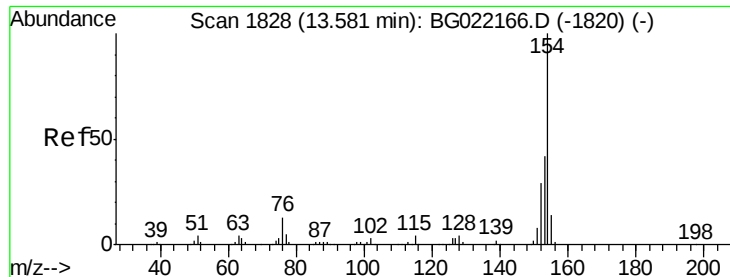
#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:172 Resp: 447052
 Ion Ratio Lower Upper
 172 100
 171 38.9 27.8 41.6
 170 25.1 19.6 29.4



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

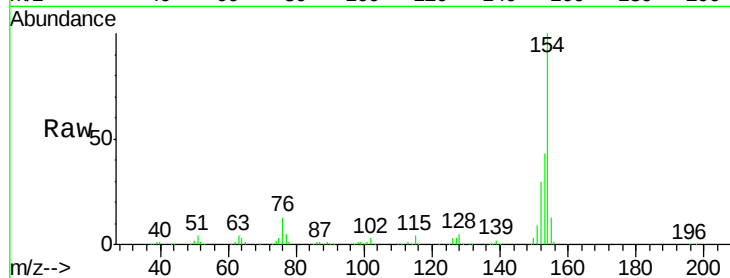




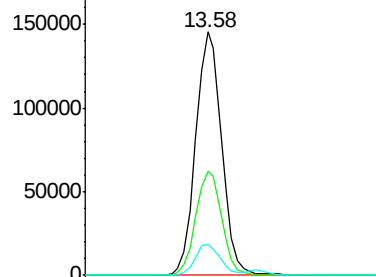
#45
 1,1'-Biphenyl
 Concen: 42.36 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

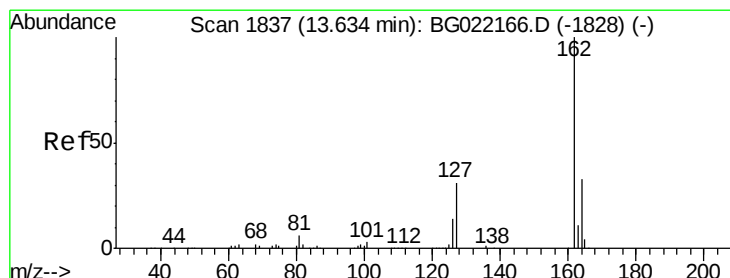
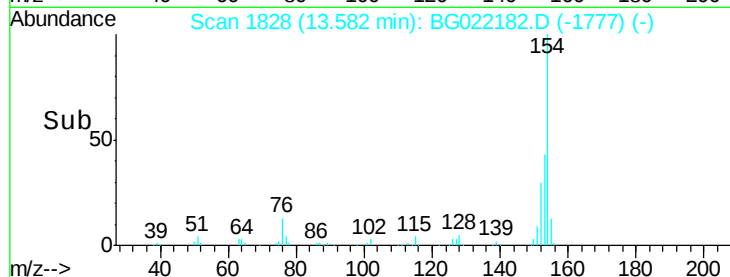
Tgt Ion:154 Resp: 257624
 Ion Ratio Lower Upper
 154 100
 153 42.9 19.7 59.7
 76 12.7 0.0 33.0



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): BGC

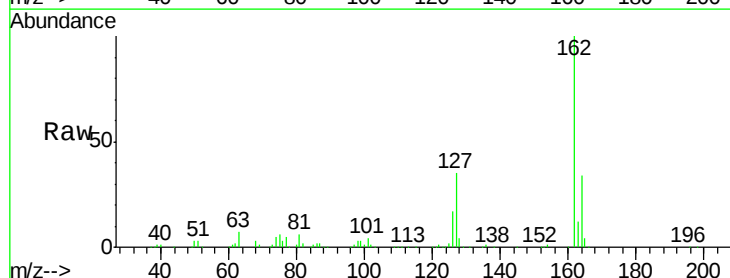


Time-->

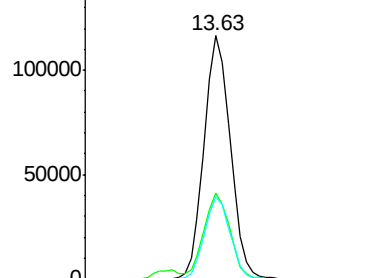


#46
 2-Chloronaphthalene
 Concen: 43.21 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

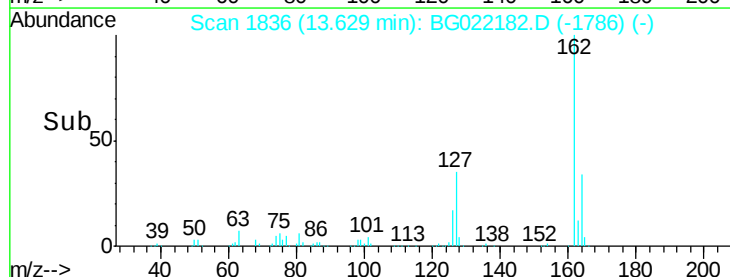
Tgt Ion:162 Resp: 201415
 Ion Ratio Lower Upper
 162 100
 127 35.1 32.0 48.0
 164 34.0 27.0 40.4

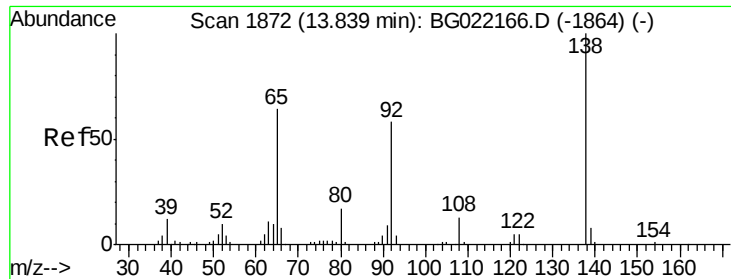


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

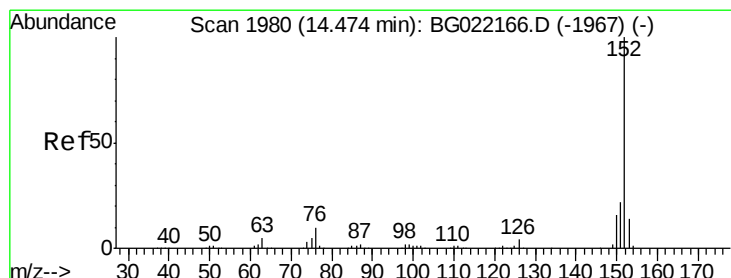
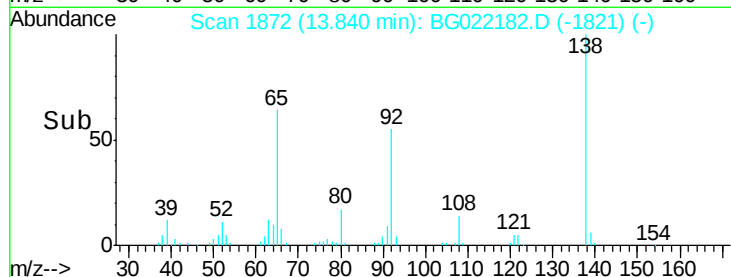
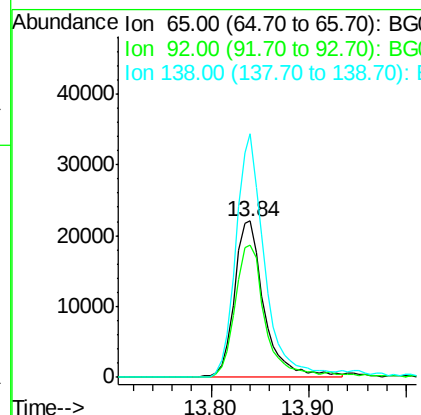
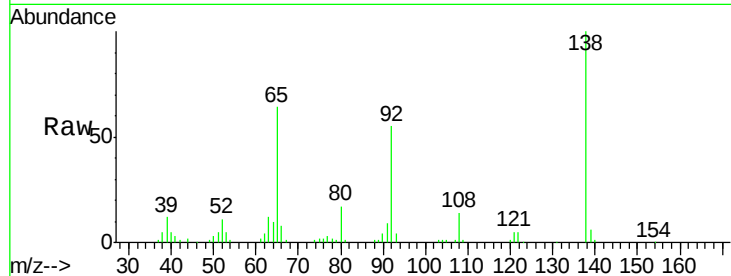




#47
 2-Nitroaniline
 Concen: 42.16 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

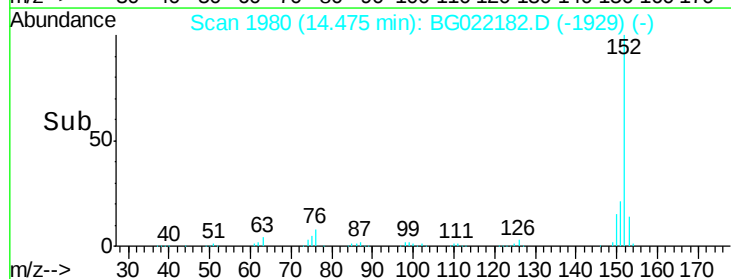
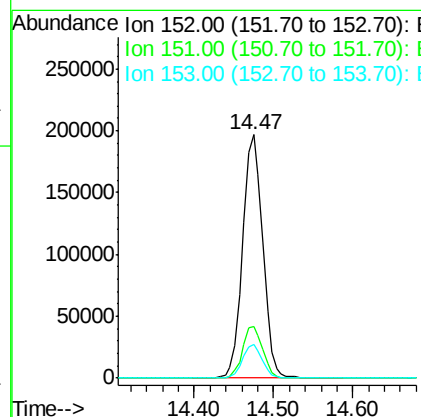
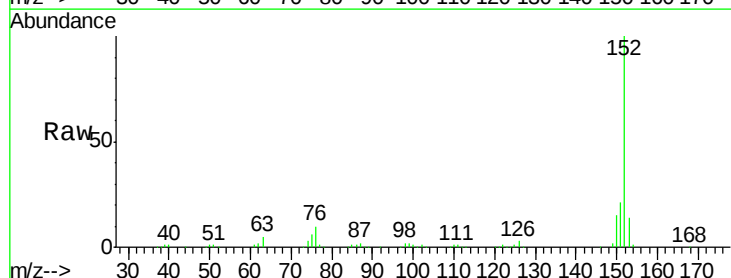
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

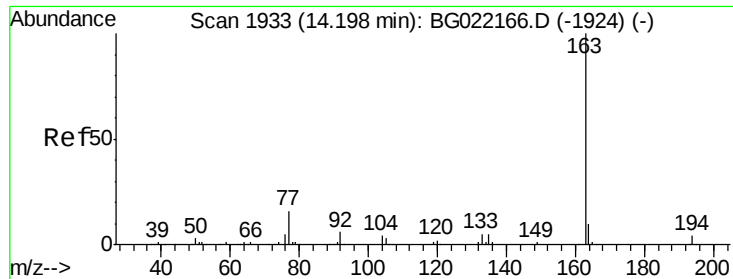
Tgt Ion: 65 Resp: 46864
 Ion Ratio Lower Upper
 65 100
 92 84.9 49.2 73.8#
 138 155.6 75.0 112.6#



#48
 Acenaphthylene
 Concen: 42.32 ng
 RT: 14.47 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion: 152 Resp: 346139
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.6 24.8
 153 13.6 10.2 15.2





#49

Dimethylphthalate

Concen: 41.36 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

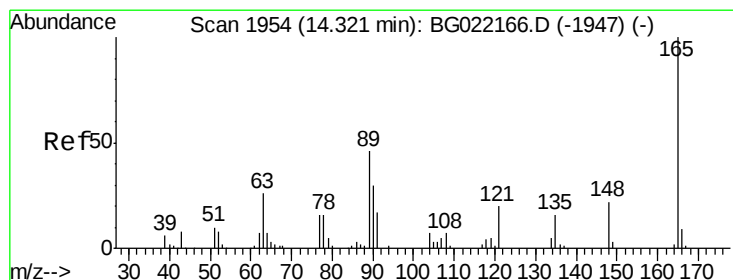
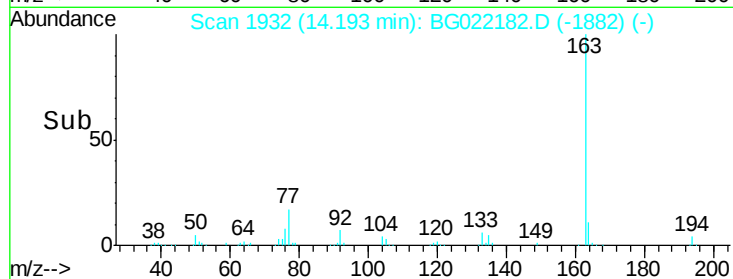
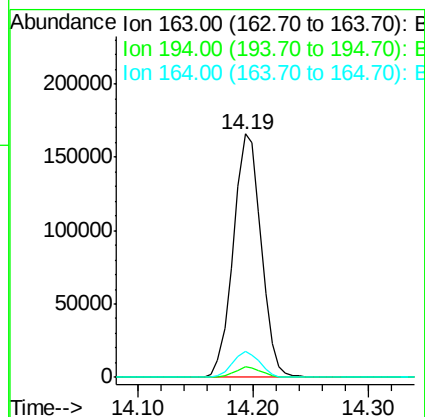
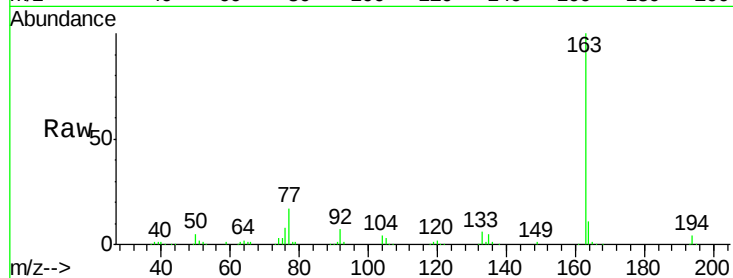
BNA_G

ClientSampleId :

PB91112BS

Tgt Ion:163 Resp: 277134

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.7	8.1	12.1



#50

2,6-Dinitrotoluene

Concen: 42.75 ng

RT: 14.32 min Scan# 1954

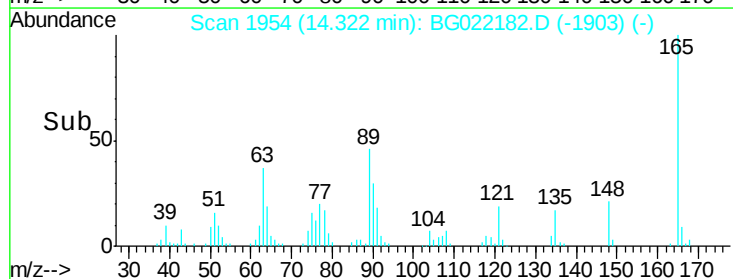
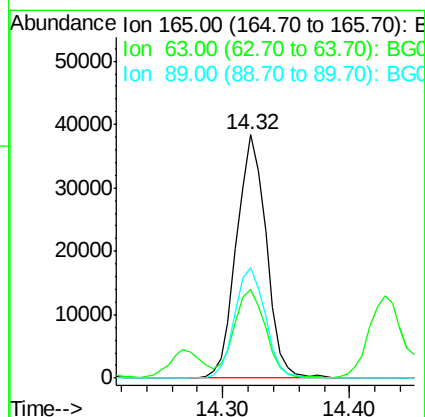
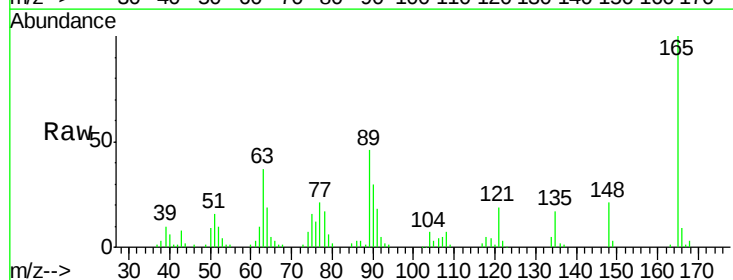
Delta R.T. 0.00 min

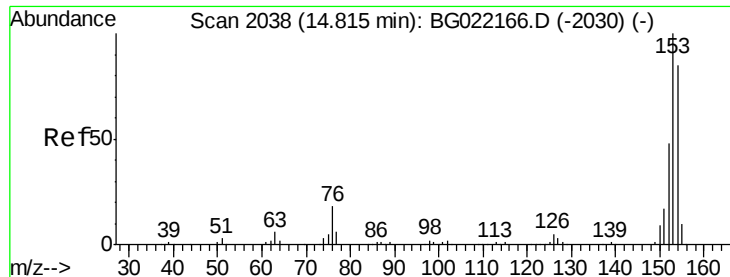
Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:165 Resp: 62269

Ion	Ratio	Lower	Upper
165	100		
63	36.6	48.2	72.4#
89	45.5	45.3	67.9





#51

Acenaphthene

Concen: 41.21 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

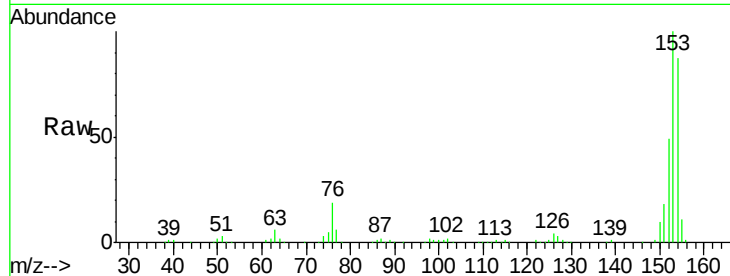
Tgt Ion:154 Resp: 201934

Ion Ratio Lower Upper

154 100

153 114.5 91.9 137.9

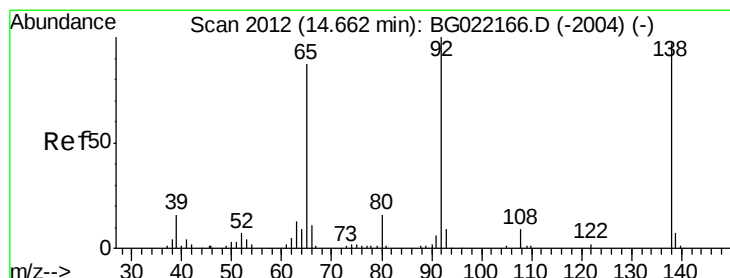
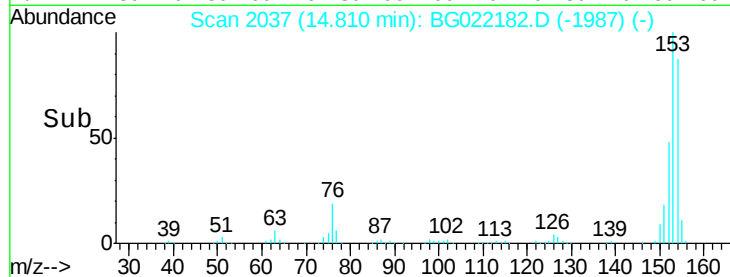
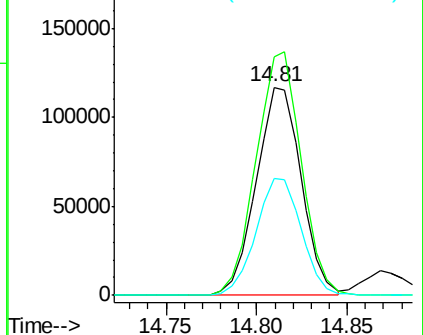
152 55.9 42.0 63.0



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: 18.54 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

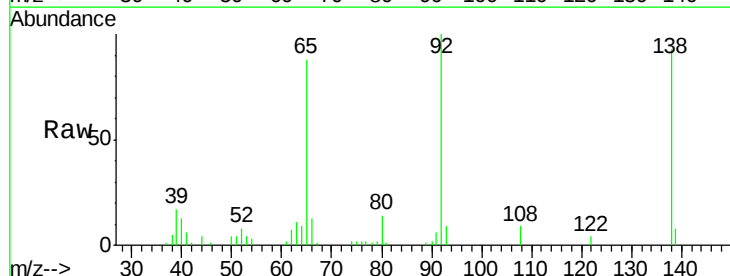
Tgt Ion:138 Resp: 29945

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

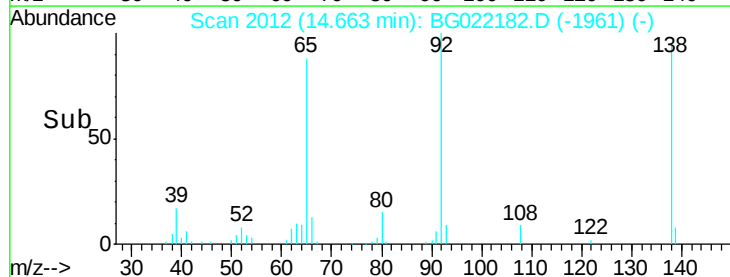
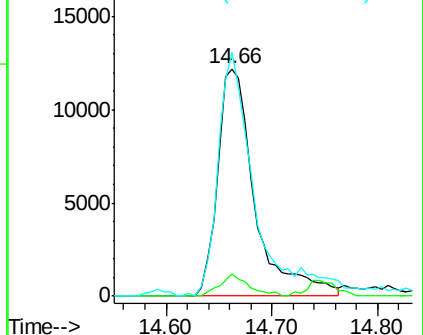
92 107.3 102.6 154.0

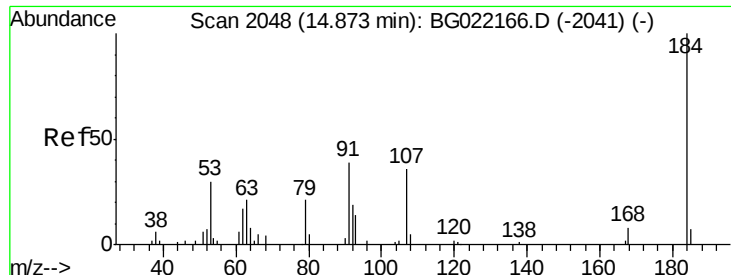


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

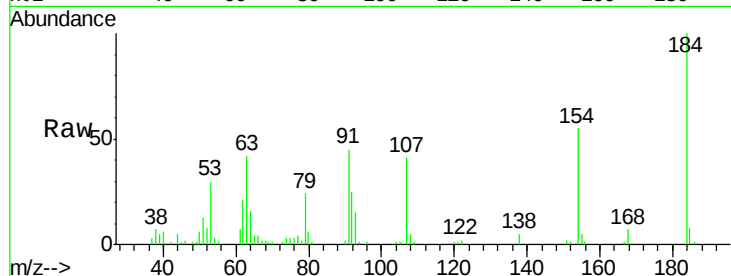




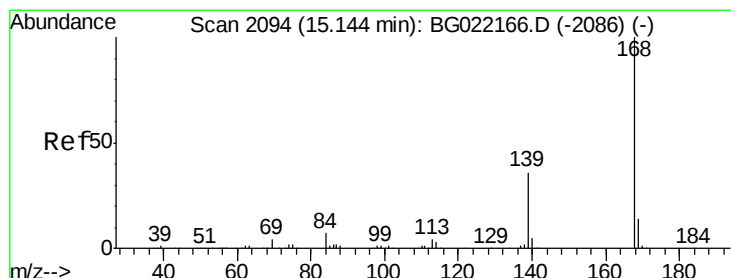
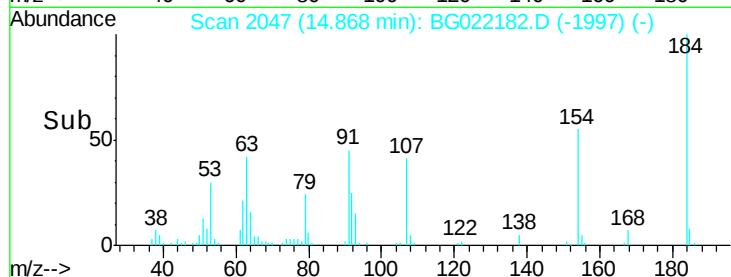
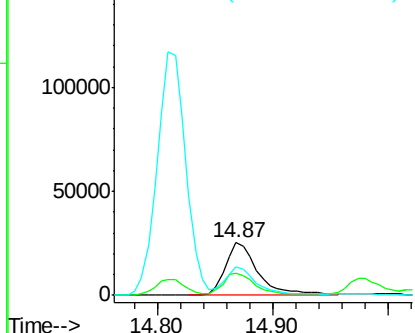
#53
2,4-Dinitrophenol
Concen: 83.59 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion:184 Resp: 50053
Ion Ratio Lower Upper
184 100
63 42.2 57.3 85.9#
154 54.6 55.2 82.8#

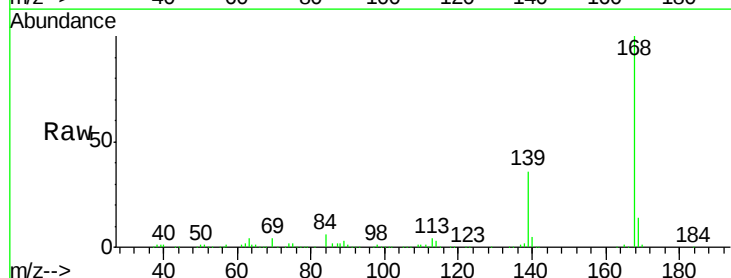


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

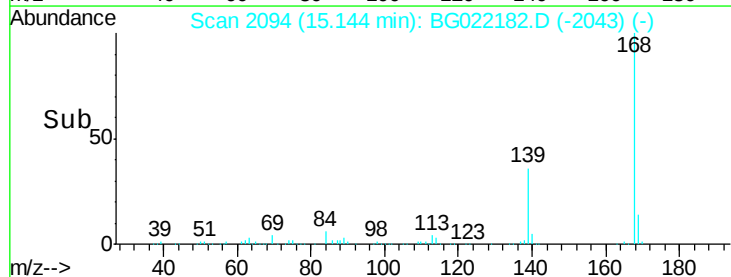
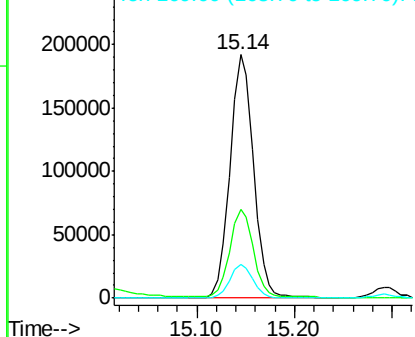


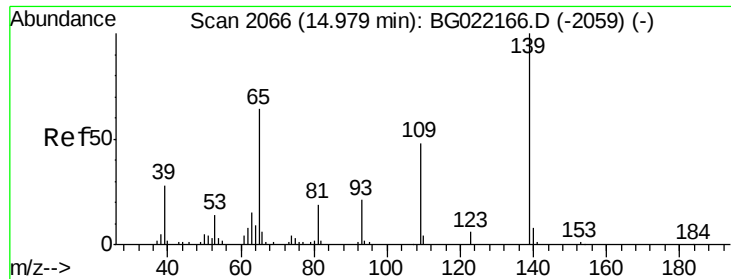
#54
Dibenzofuran
Concen: 42.16 ng
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:168 Resp: 322377
Ion Ratio Lower Upper
168 100
139 36.3 31.1 46.7
169 13.9 11.0 16.6



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

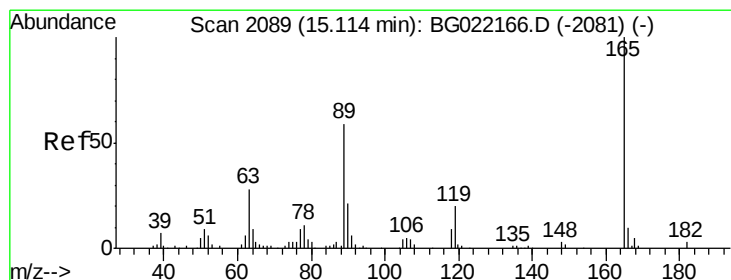
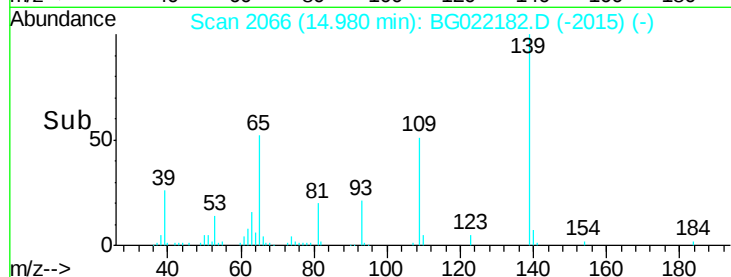
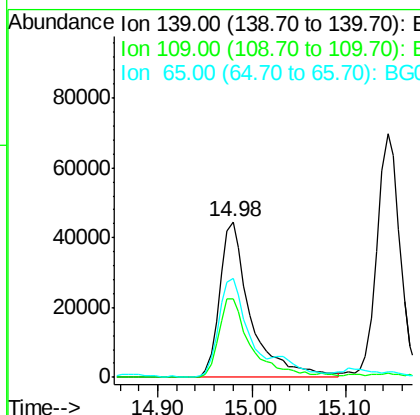
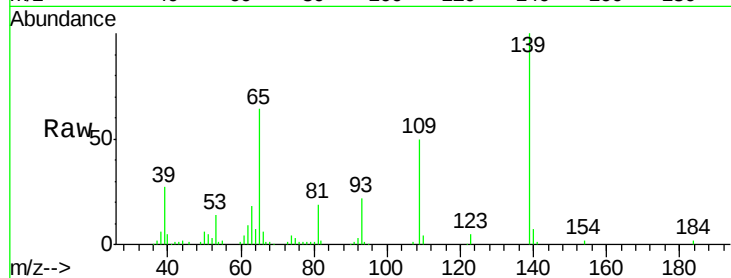




#55
4-Nitrophenol
Concen: 91.33 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

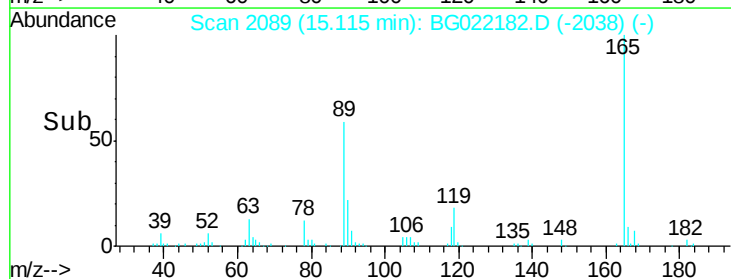
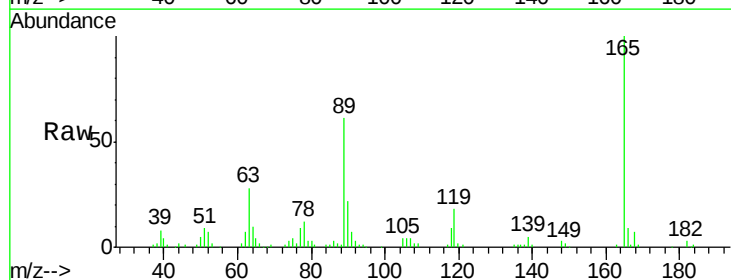
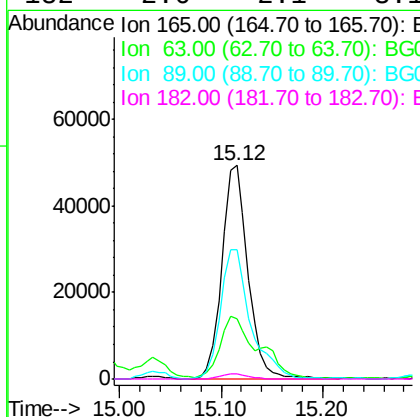
Instrument :
BNA_G
ClientSampleId :
PB91112BS

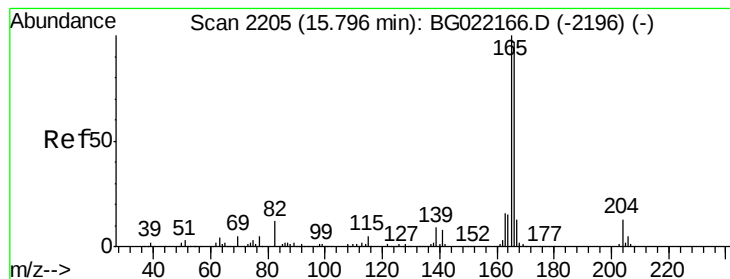
Tgt Ion:139 Resp: 101820
Ion Ratio Lower Upper
139 100
109 50.2 49.2 89.2
65 63.9 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 44.97 ng
RT: 15.12 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:165 Resp: 87853
Ion Ratio Lower Upper
165 100
63 28.4 37.4 56.0#
89 60.6 59.4 89.0
182 2.6 2.1 3.1





#57

Fluorene

Concen: 41.70 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

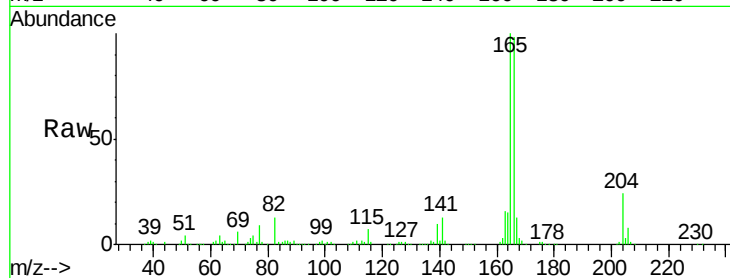
Tgt Ion:166 Resp: 274725

Ion Ratio Lower Upper

166 100

165 102.2 79.0 118.4

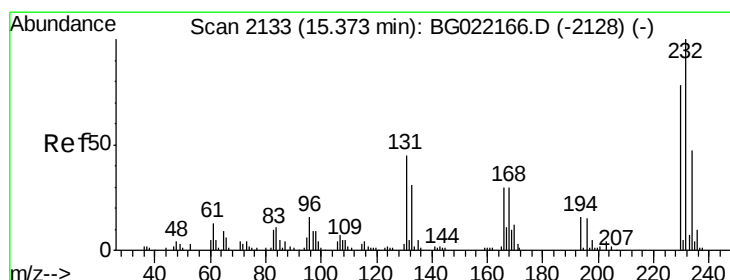
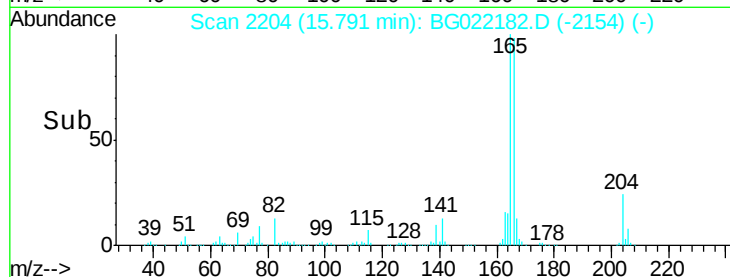
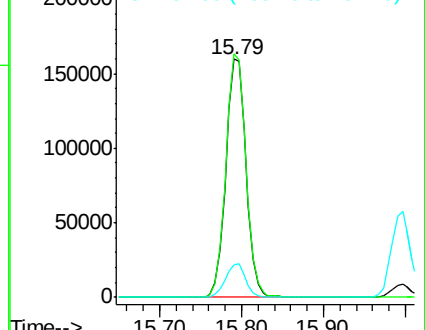
167 13.7 10.7 16.1



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: 44.65 ng

RT: 15.37 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:232 Resp: 61739

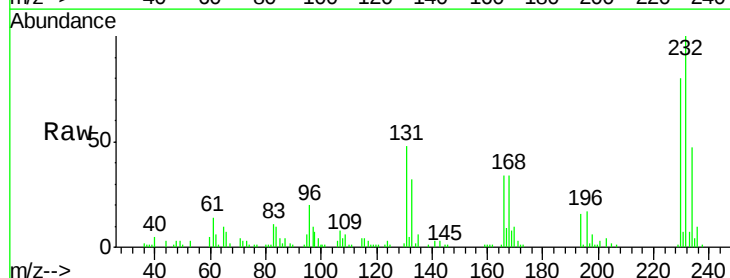
Ion Ratio Lower Upper

232 100

131 48.8 36.3 54.5

130 2.5 1.9 2.9

166 32.7 25.0 37.4

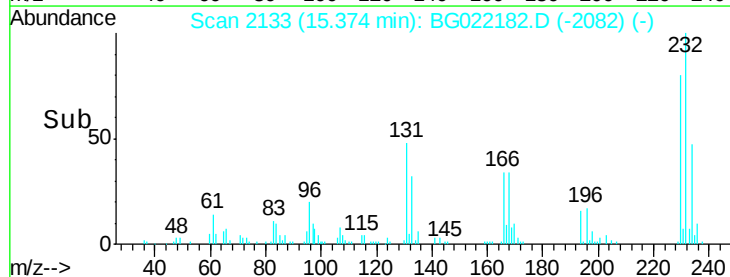
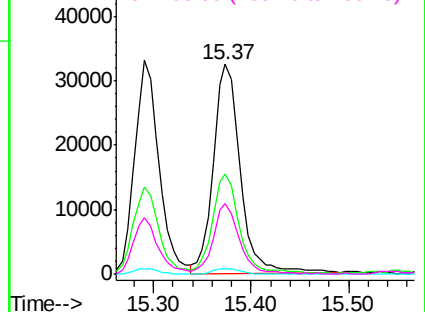


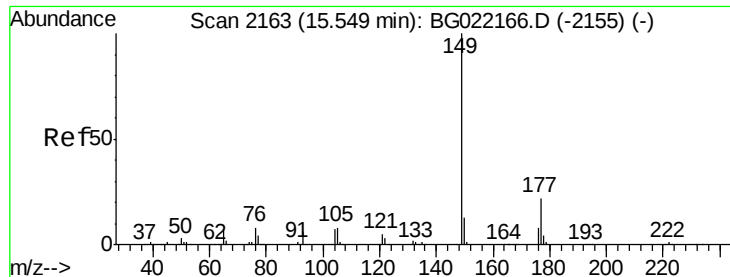
Abundance Ion 232.00 (231.70 to 232.70): E

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

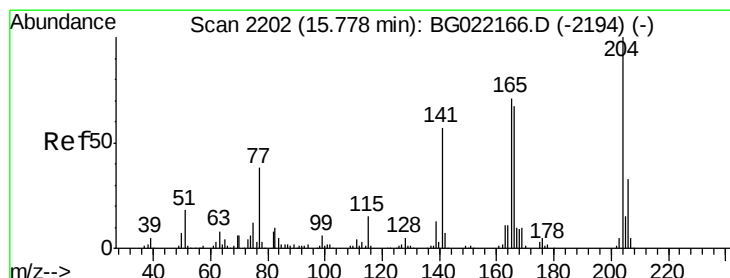
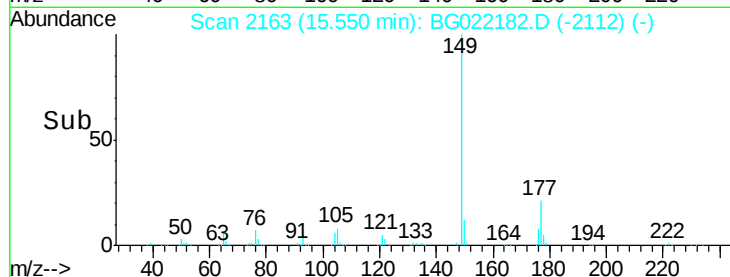
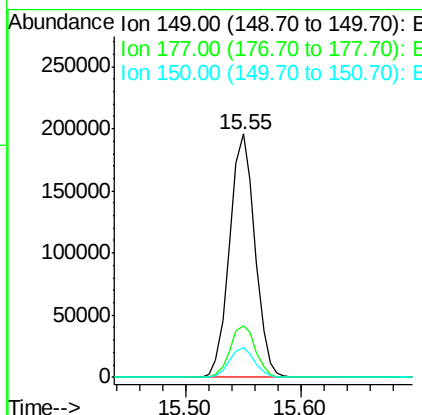
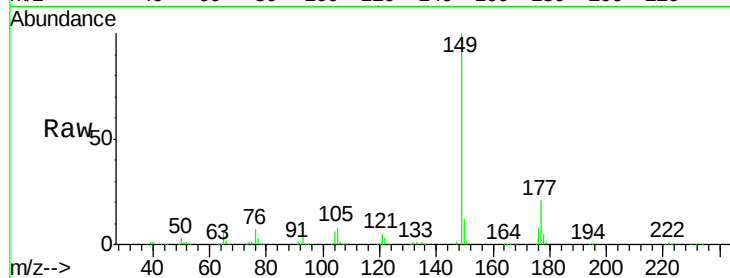




#59
Diethylphthalate
Concen: 41.49 ng
RT: 15.55 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

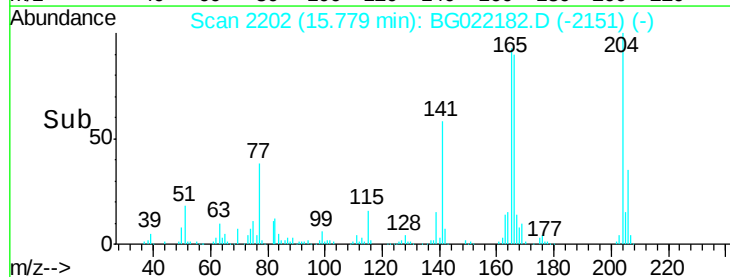
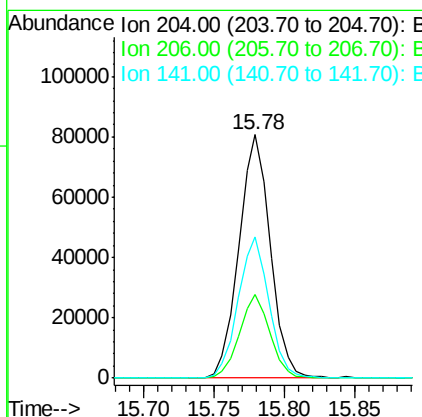
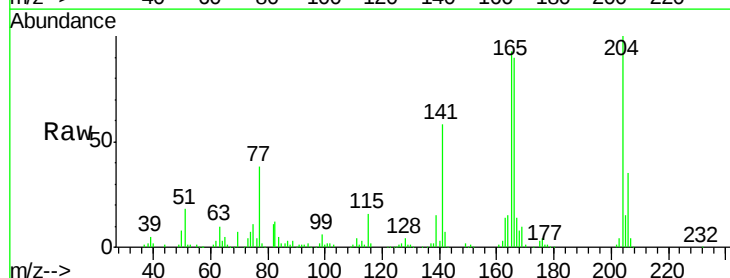
Instrument :
BNA_G
ClientSampleId :
PB91112BS

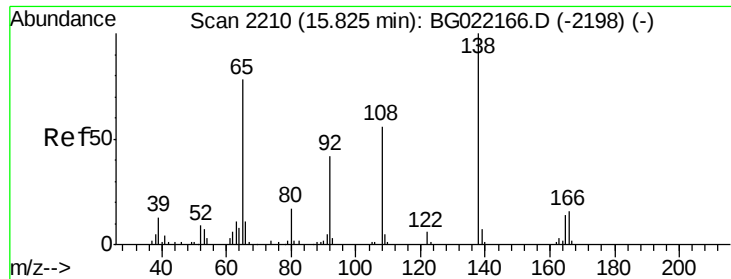
Tgt Ion:149 Resp: 296943
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 12.2 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 42.05 ng
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:204 Resp: 125446
Ion Ratio Lower Upper
204 100
206 34.6 27.8 41.8
141 57.8 51.0 76.4





#61

4-Nitroaniline

Concen: 38.65 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

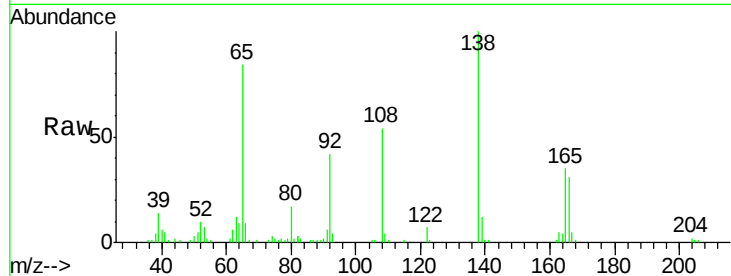
Tgt Ion:138 Resp: 66214

Ion Ratio Lower Upper

138 100

92 42.3 37.7 77.7

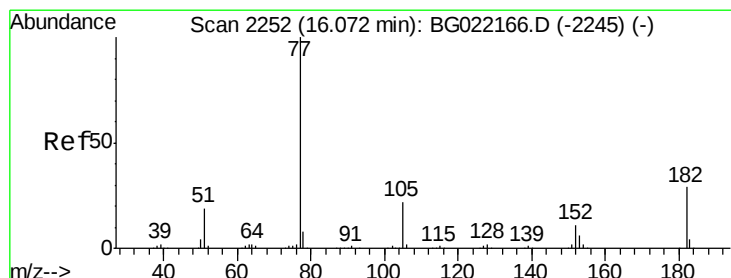
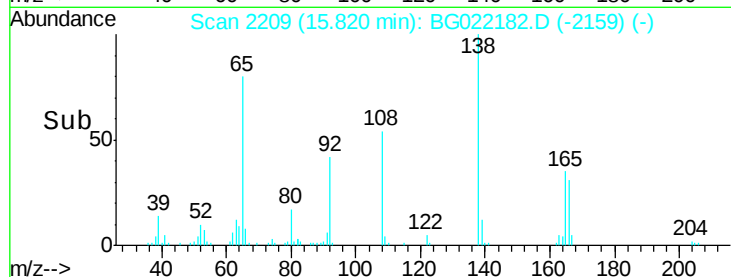
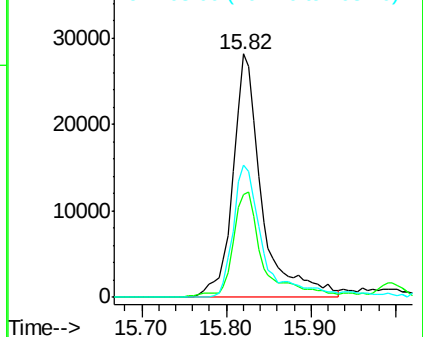
108 54.1 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.30 ng

RT: 16.07 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion: 77 Resp: 234698

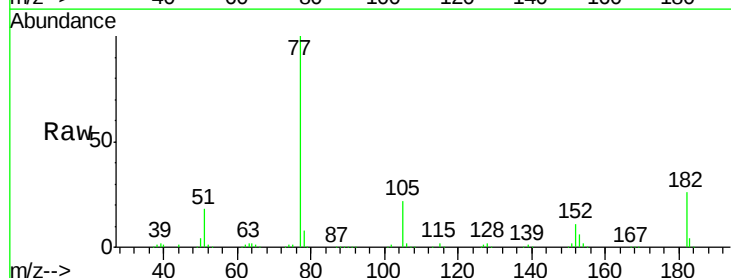
Ion Ratio Lower Upper

77 100

182 26.3 4.1 44.1

105 21.8 0.0 39.8

51 18.0 11.1 51.1

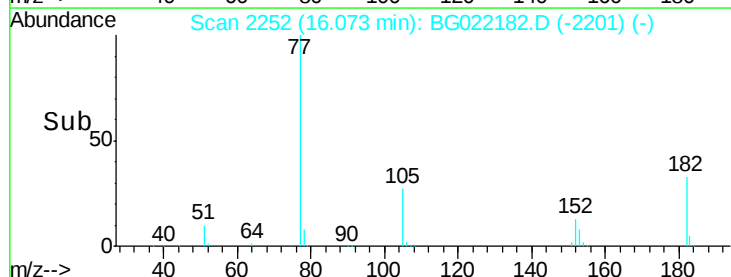
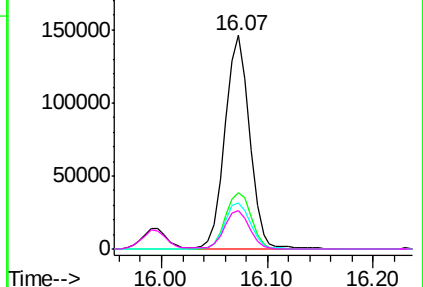


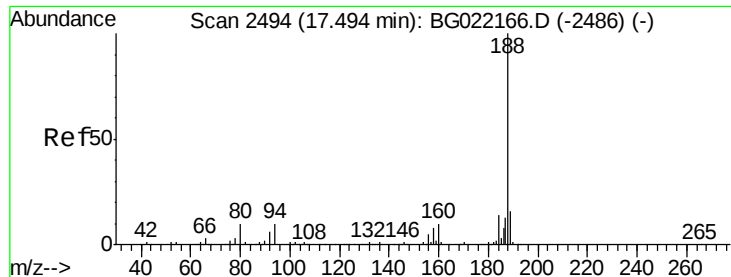
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

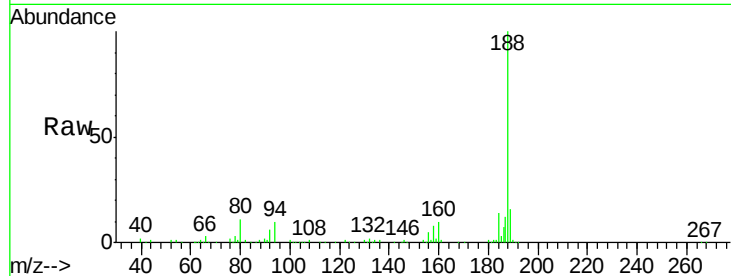
Tgt Ion:188 Resp: 189704

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

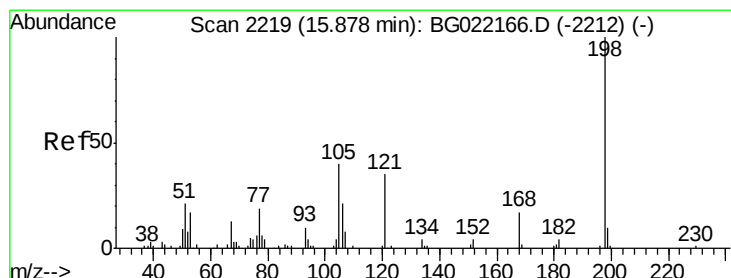
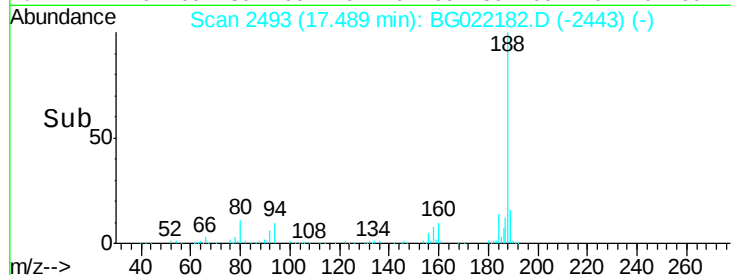
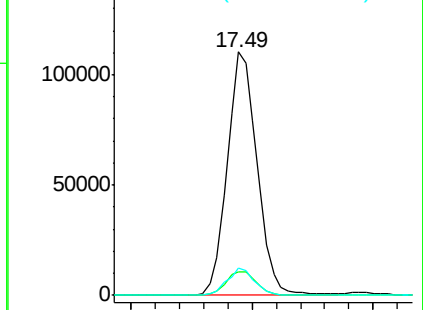
80 11.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.08 ng

RT: 15.88 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

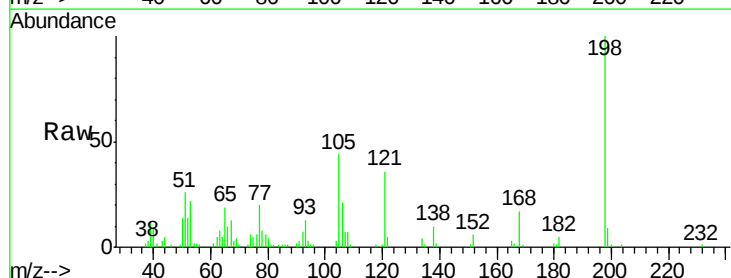
Tgt Ion:198 Resp: 38659

Ion Ratio Lower Upper

198 100

51 26.1 29.2 69.2#

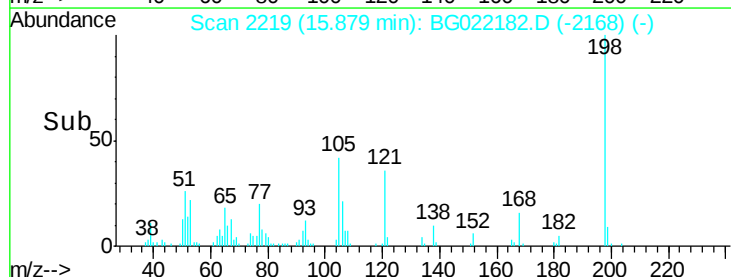
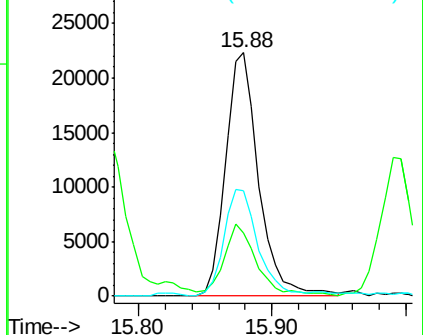
105 43.5 24.0 64.0

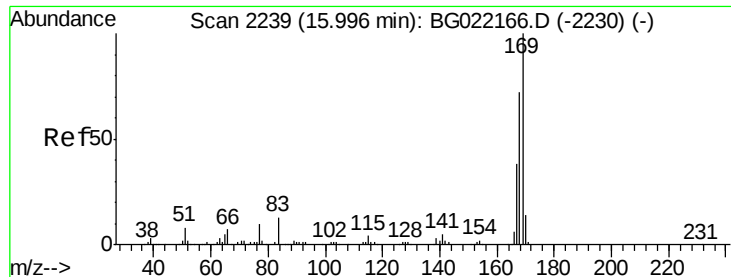


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

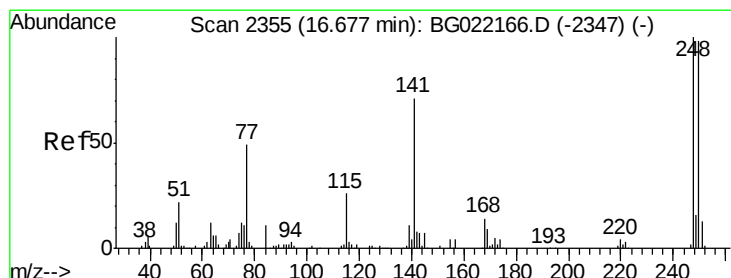
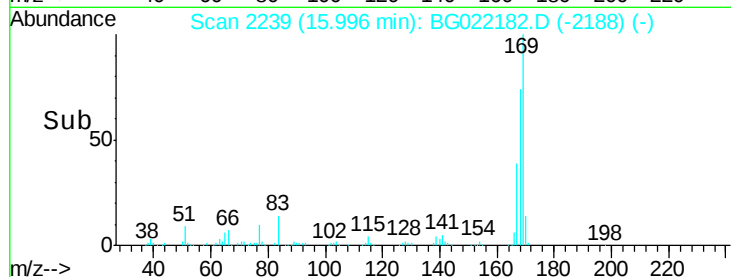
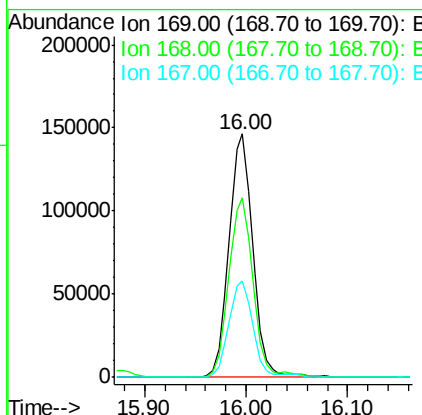
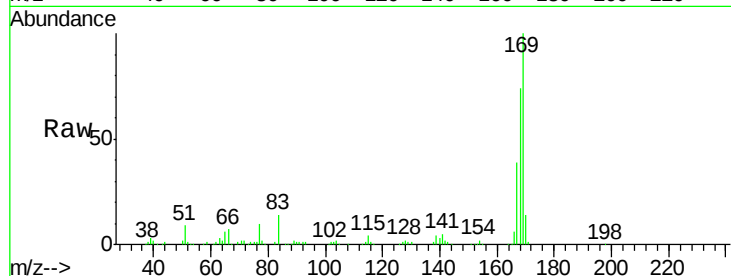




#65
n-Nitrosodiphenylamine
Concen: 43.72 ng
RT: 16.00 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

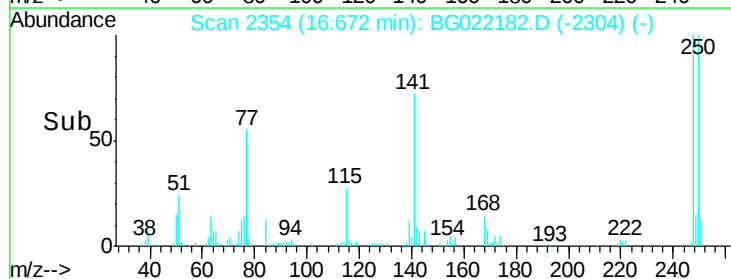
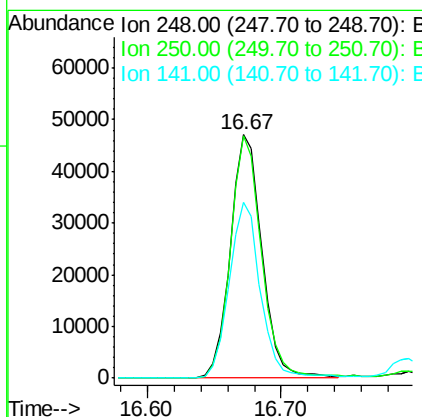
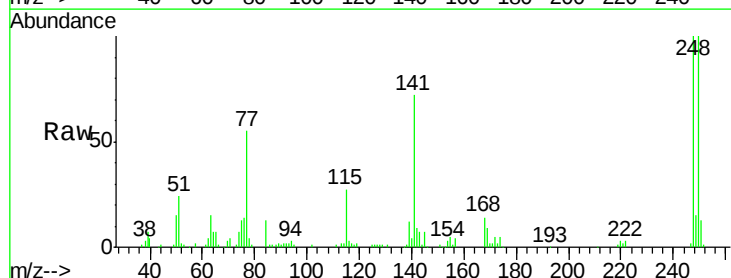
Instrument :
BNA_G
ClientSampleId :
PB91112BS

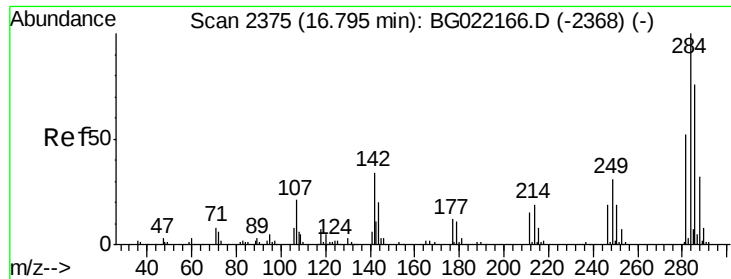
Tgt Ion:169 Resp: 238941
Ion Ratio Lower Upper
169 100
168 73.7 59.6 89.4
167 39.3 31.2 46.8



#66
4-Bromophenyl-phenylether
Concen: 43.56 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:248 Resp: 77422
Ion Ratio Lower Upper
248 100
250 99.5 76.6 114.8
141 72.2 63.8 95.6

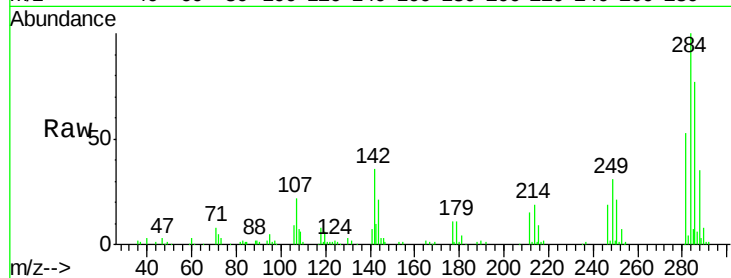




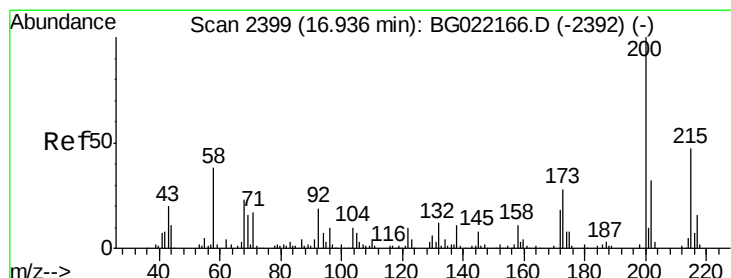
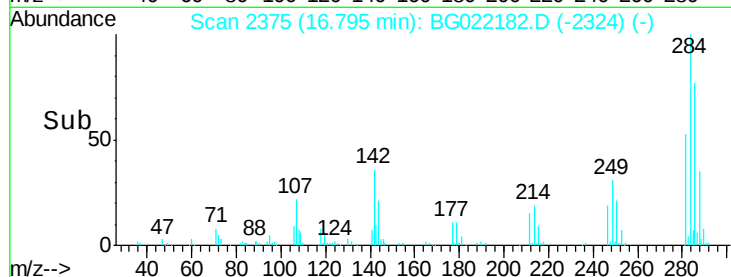
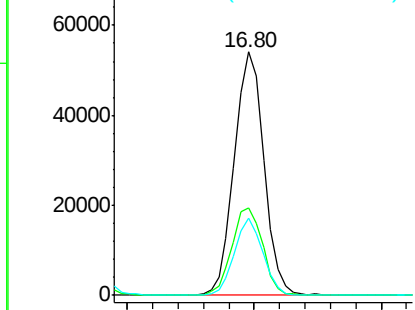
#67
Hexachlorobenzene
Concen: 42.27 ng
RT: 16.80 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion: 284 Resp: 87574
Ion Ratio Lower Upper
284 100
142 35.8 31.8 47.6
249 33.8 27.3 40.9

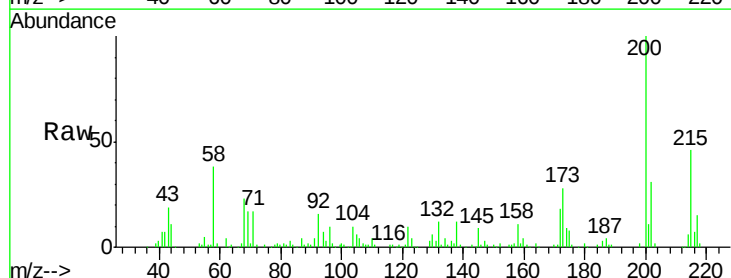


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

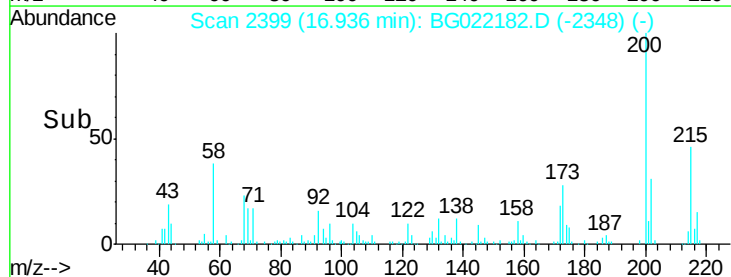
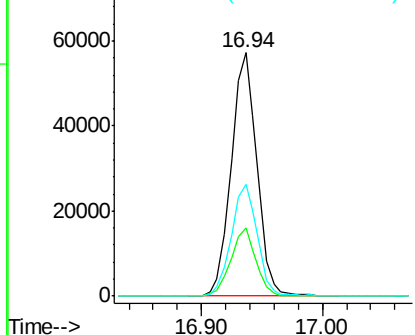


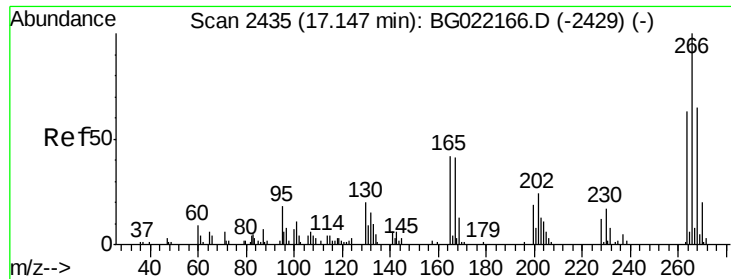
#68
Atrazine
Concen: 41.80 ng
RT: 16.94 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion: 200 Resp: 84554
Ion Ratio Lower Upper
200 100
173 27.8 5.1 45.1
215 45.9 28.0 68.0



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

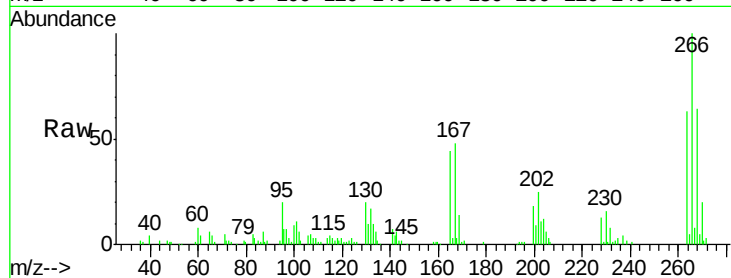




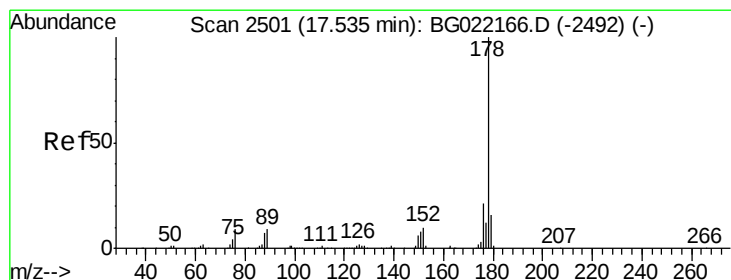
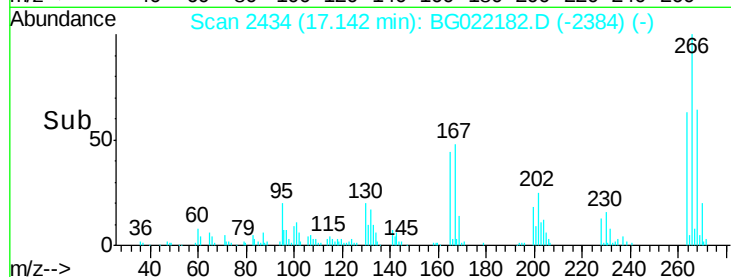
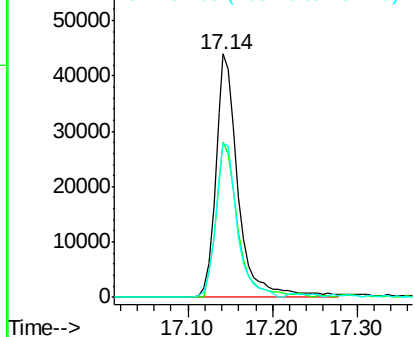
#69
 Pentachlorophenol
 Concen: 86.25 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion:266 Resp: 81552
 Ion Ratio Lower Upper
 266 100
 268 68.3 54.5 81.7
 264 68.4 53.8 80.6

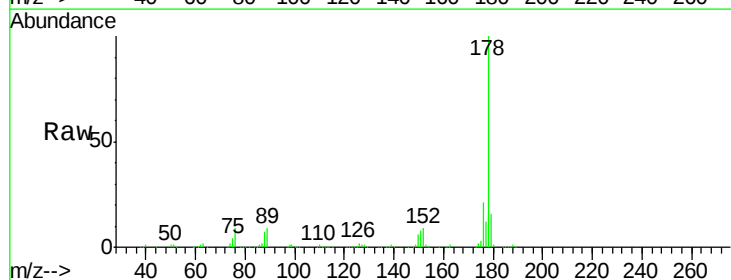


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

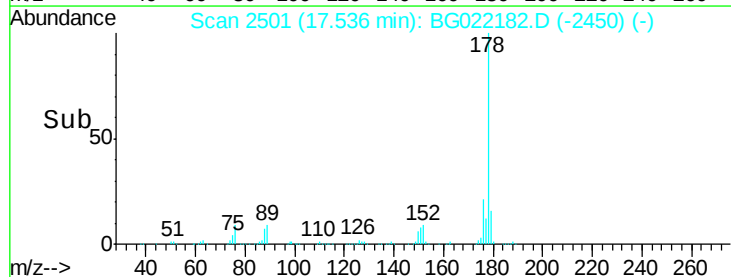
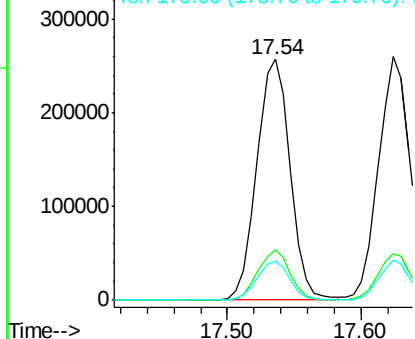


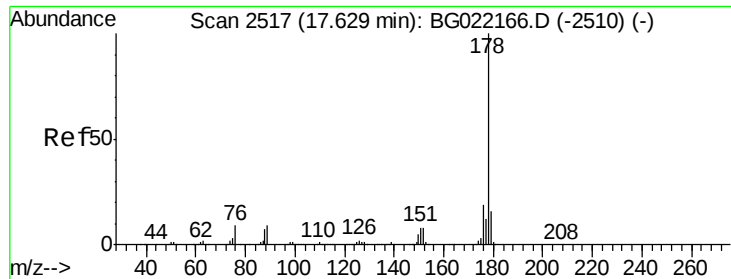
#70
 Phenanthrene
 Concen: 42.78 ng
 RT: 17.54 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:178 Resp: 440755
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.2 24.4
 179 16.2 12.0 18.0



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

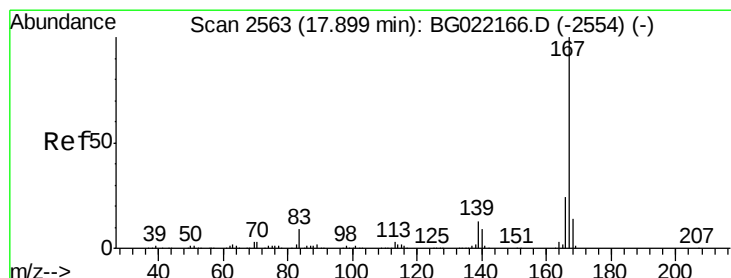
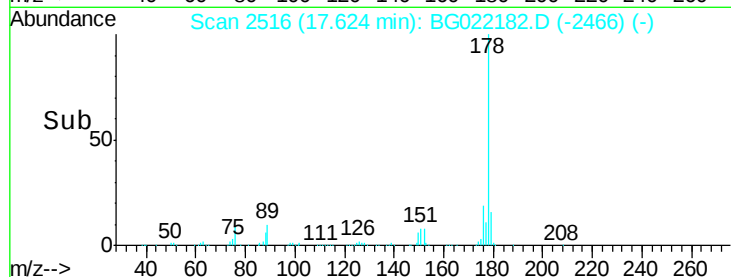
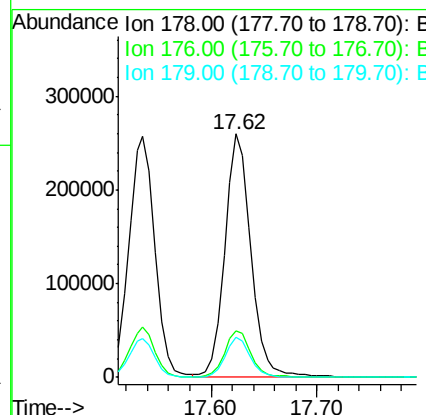
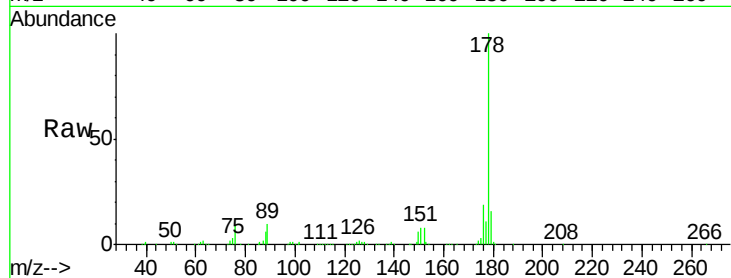




#71
 Anthracene
 Concen: 42.98 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

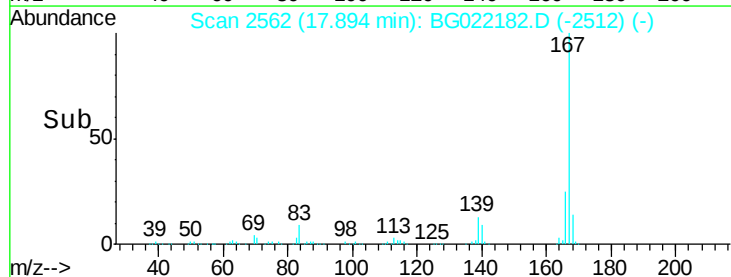
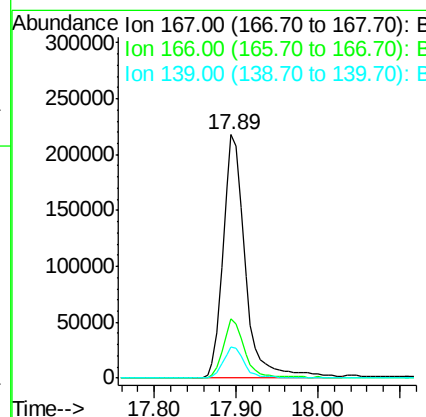
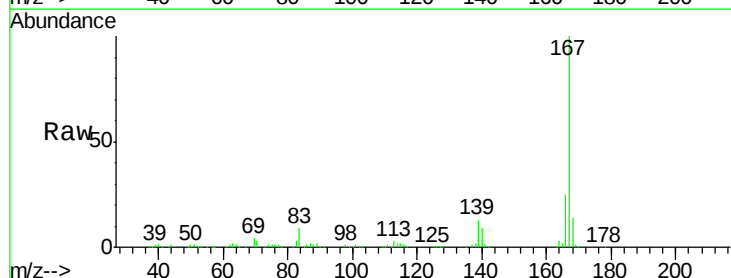
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

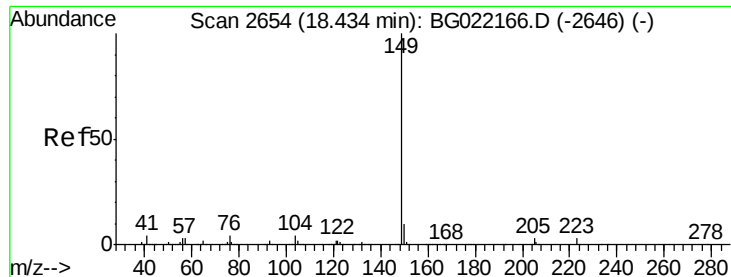
Tgt Ion:178 Resp: 439227
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.0 22.4
 179 16.5 12.2 18.4



#72
 Carbazole
 Concen: 42.87 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:167 Resp: 414937
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.6 27.8
 139 12.9 10.6 15.8





#73

Di-n-butylphthalate

Concen: 43.49 ng

RT: 18.43 min Scan# 2653

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

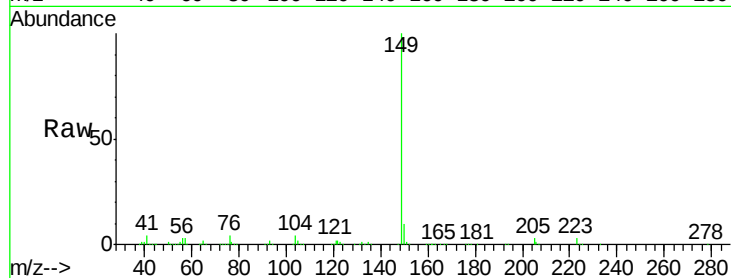
Tgt Ion:149 Resp: 550263

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.0

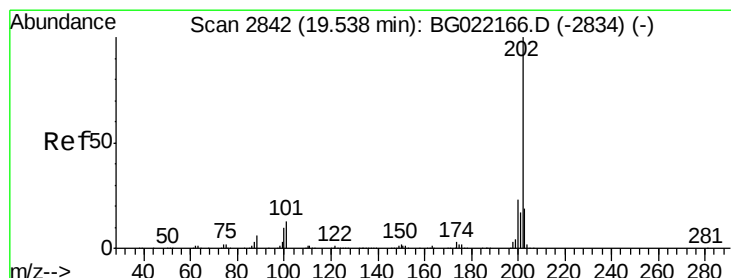
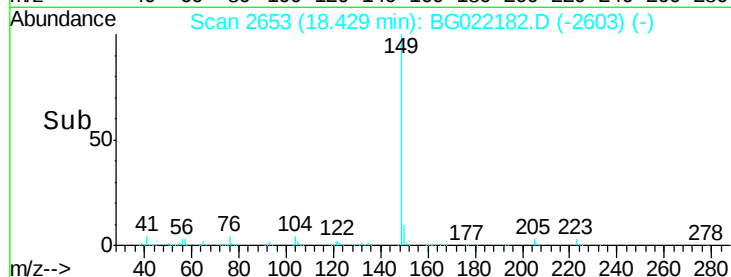
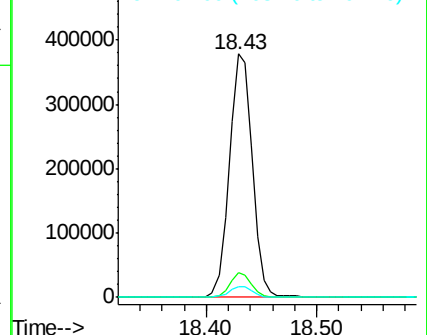
104 4.3 4.0 6.0



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: 43.17 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

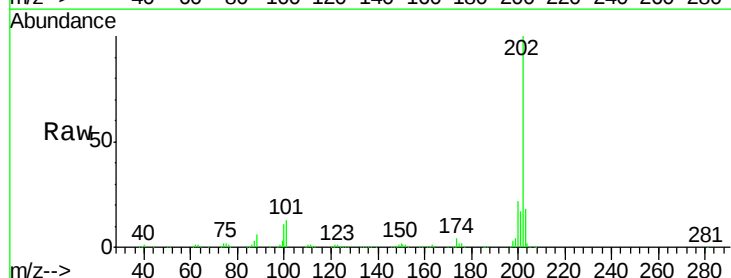
Tgt Ion:202 Resp: 511320

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.0

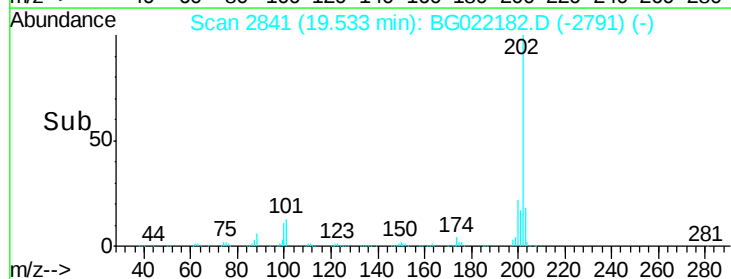
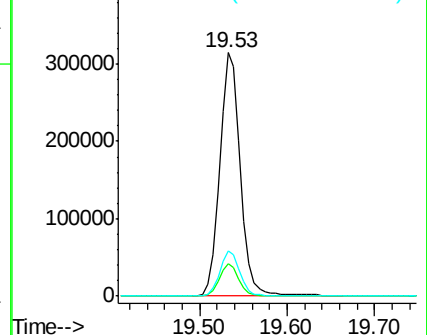
203 18.3 0.0 37.9

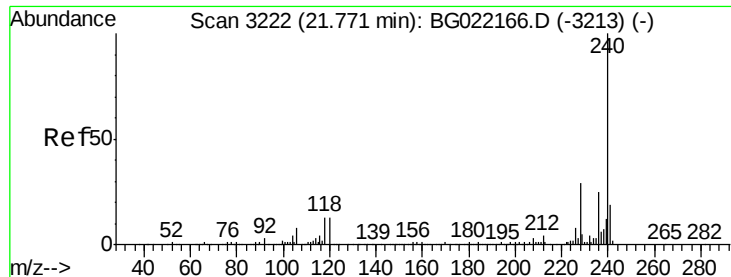


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampled :

PB91112BS

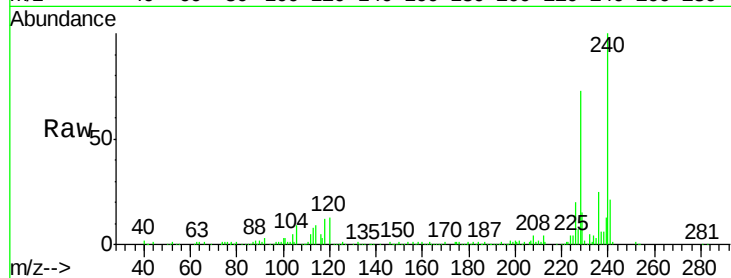
Tgt Ion:240 Resp: 188106

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

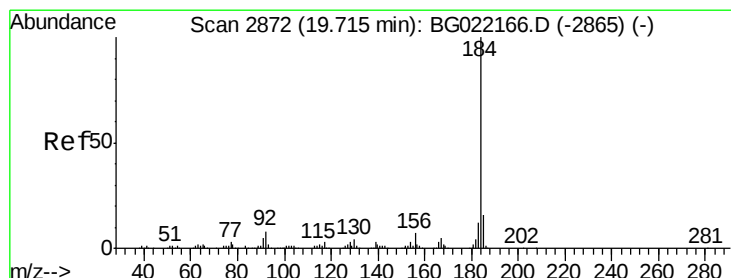
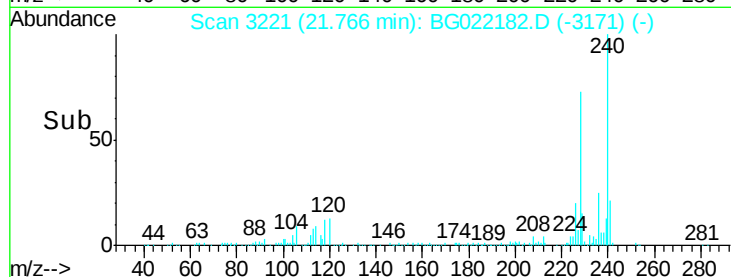
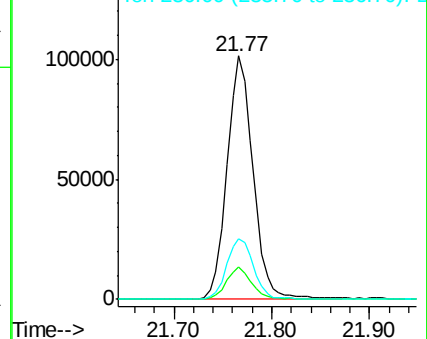
236 25.0 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.76 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

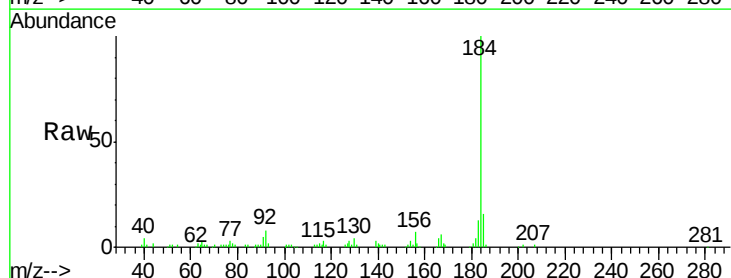
Tgt Ion:184 Resp: 116883

Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

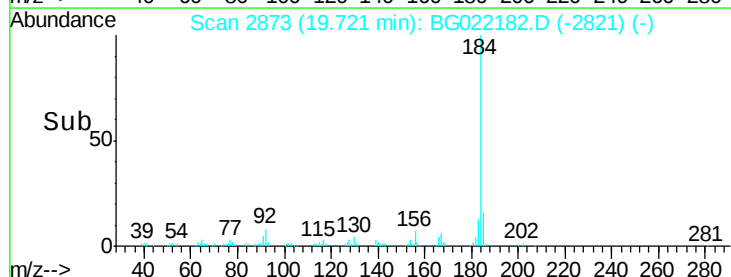
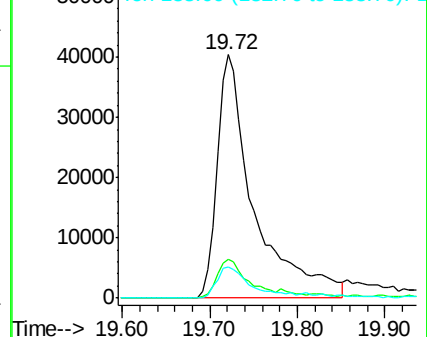
183 12.9 10.2 15.4

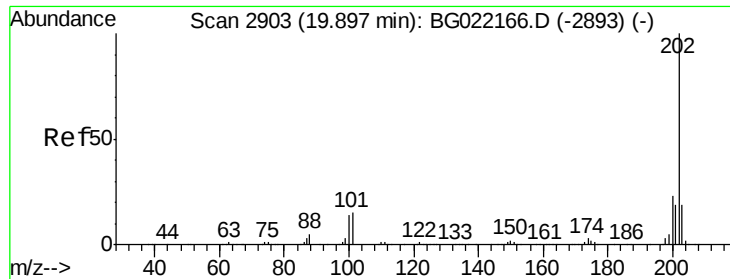


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

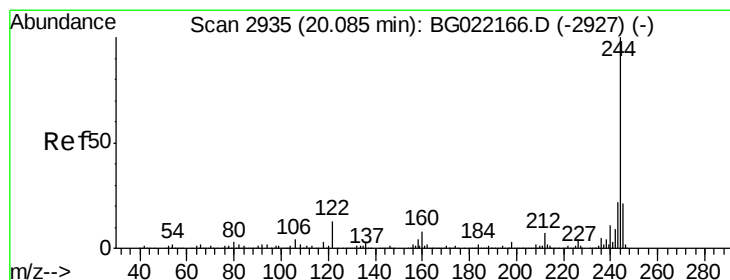
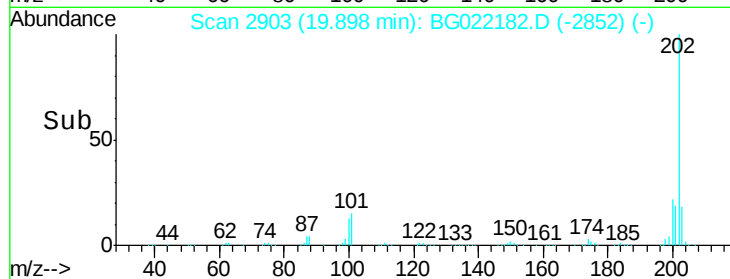
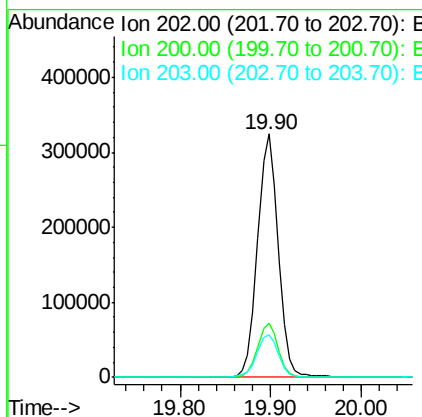
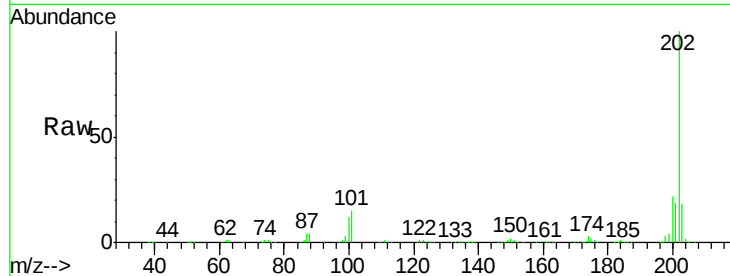




#77
 Pyrene
 Concen: 43.83 ng
 RT: 19.90 min Scan# 2903
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

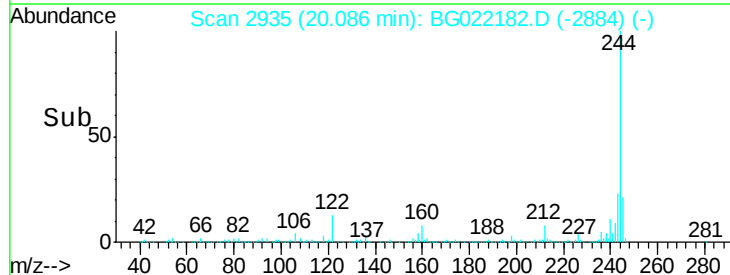
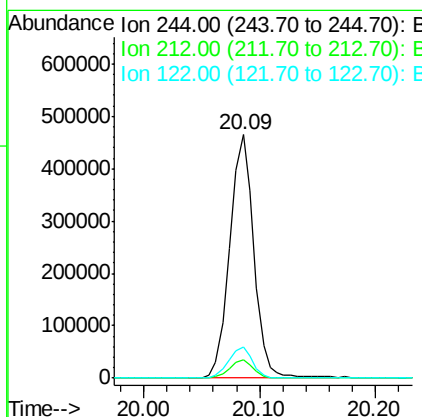
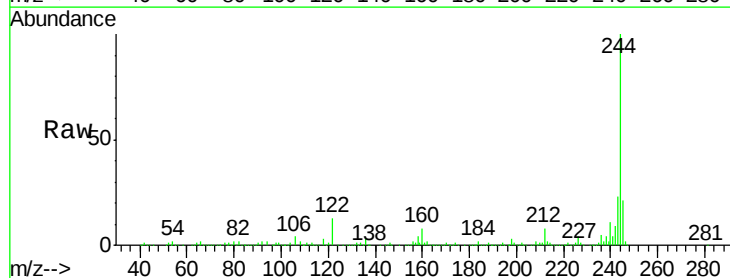
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

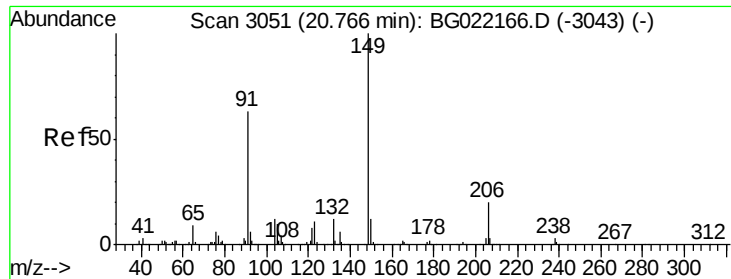
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.2
203	17.7	15.0	22.4



#78
 Terphenyl-d14
 Concen: 84.85 ng
 RT: 20.09 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.8	8.6	12.8

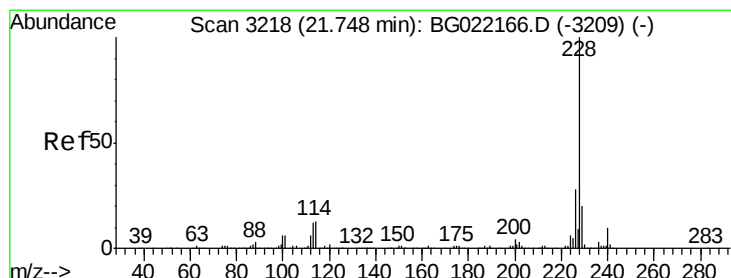
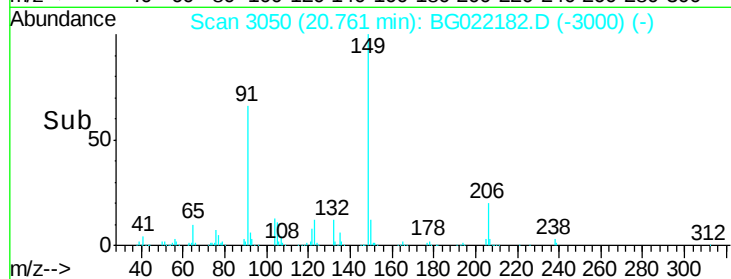
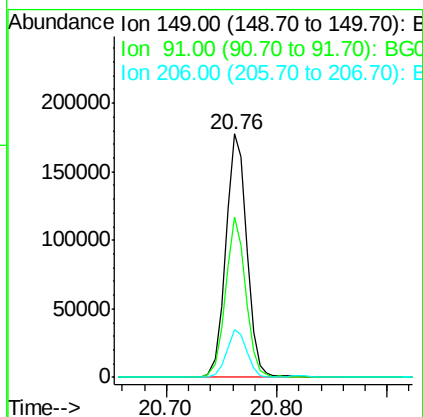
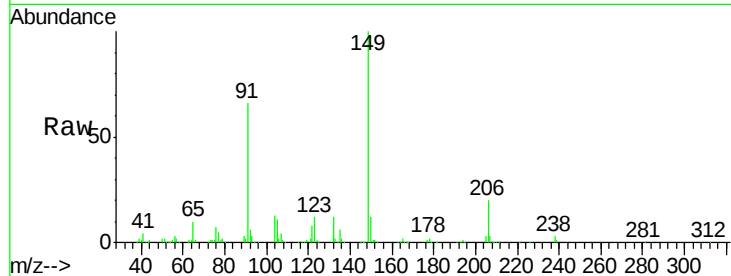




#79
Butylbenzylphthalate
Concen: 43.73 ng
RT: 20.76 min Scan# 3050
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

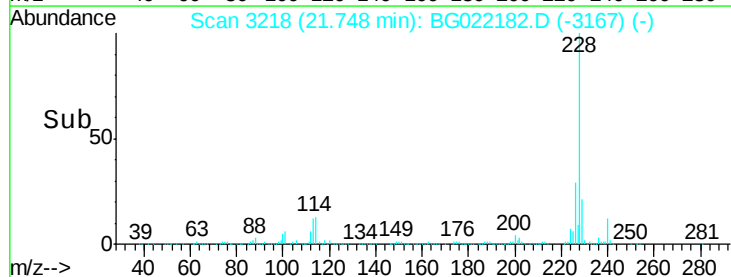
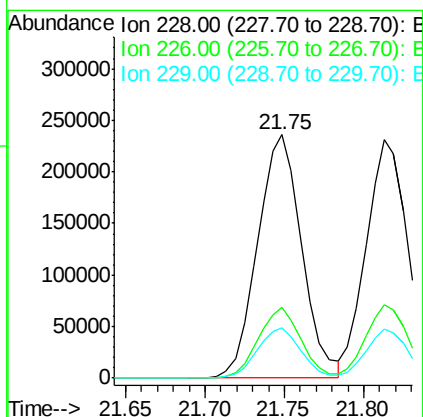
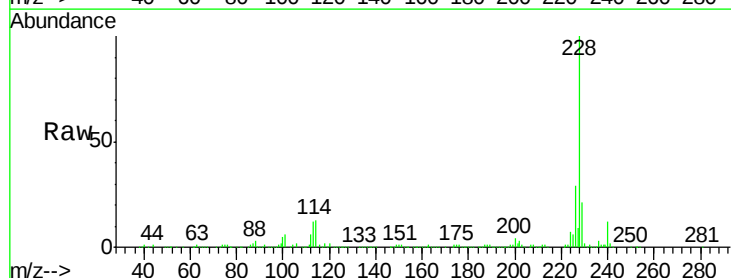
Instrument :
BNA_G
ClientSampleId :
PB91112BS

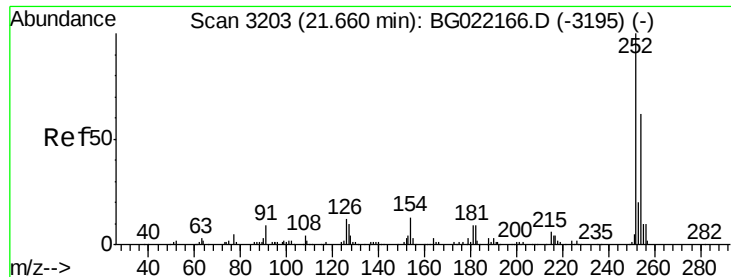
Tgt Ion:149 Resp: 237162
Ion Ratio Lower Upper
149 100
91 65.7 57.8 86.8
206 19.7 17.0 25.4



#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion:228 Resp: 455106
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 20.9 16.1 24.1

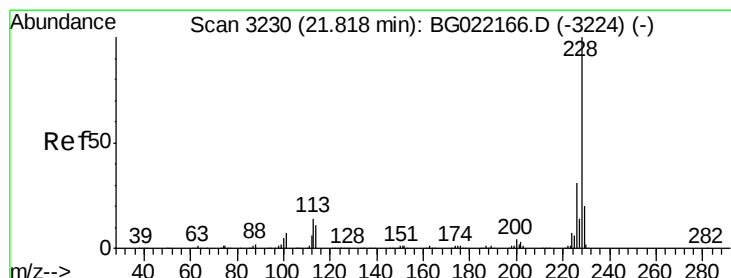
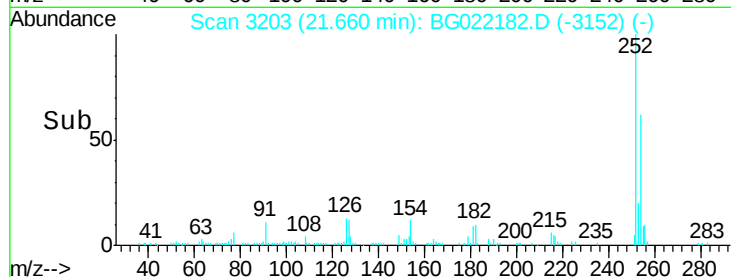
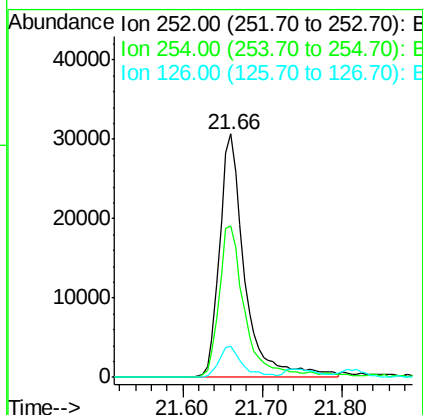
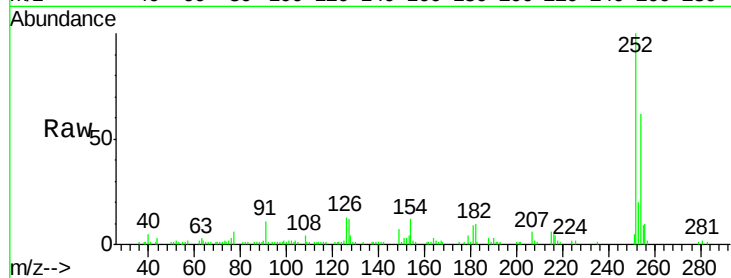




#81
 3,3'-Dichlorobenzidine
 Concen: 22.76 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

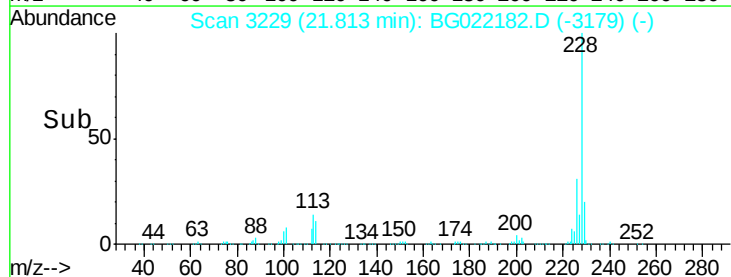
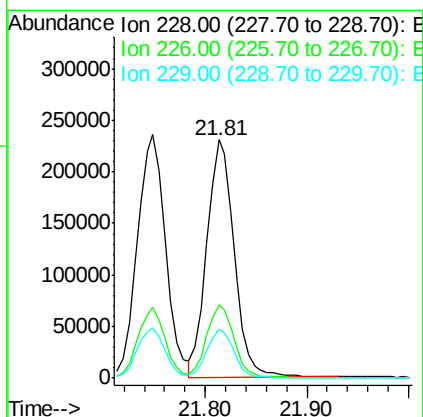
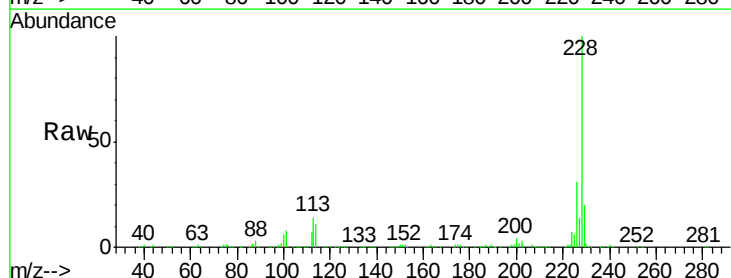
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

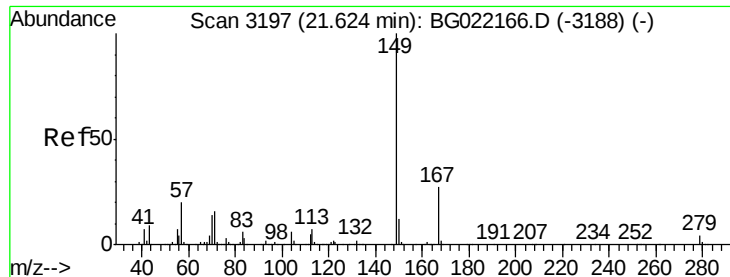
Tgt Ion: 252 Resp: 67400
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.8 77.6
 126 12.6 8.8 13.2



#82
 Chrysene
 Concen: 41.91 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion: 228 Resp: 430195
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 20.4 15.9 23.9

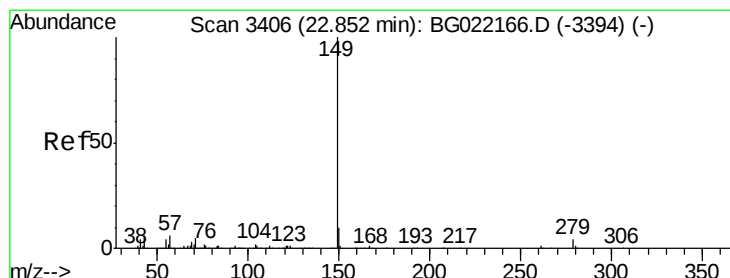
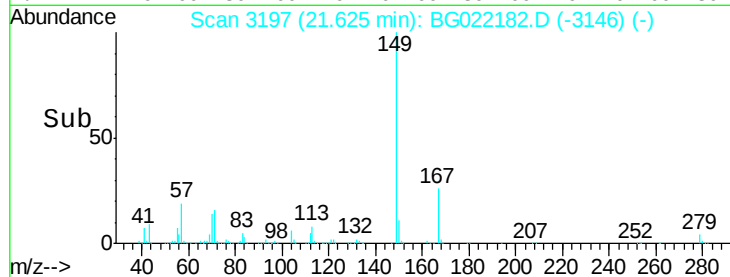
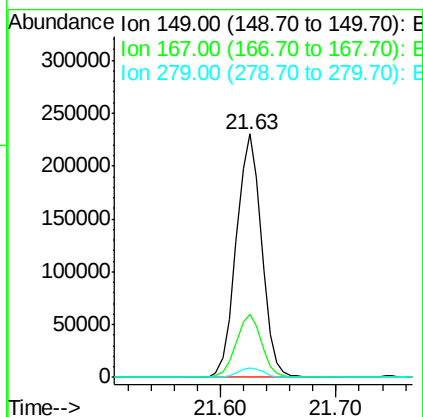
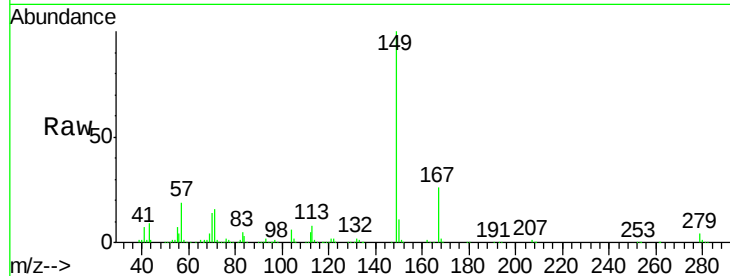




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.86 ng
 RT: 21.63 min Scan# 3197
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

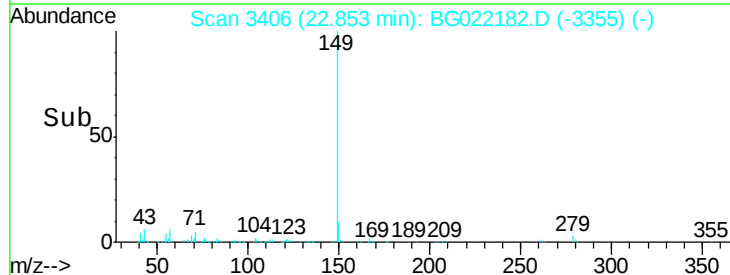
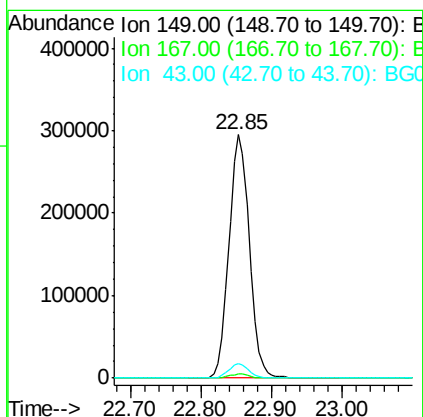
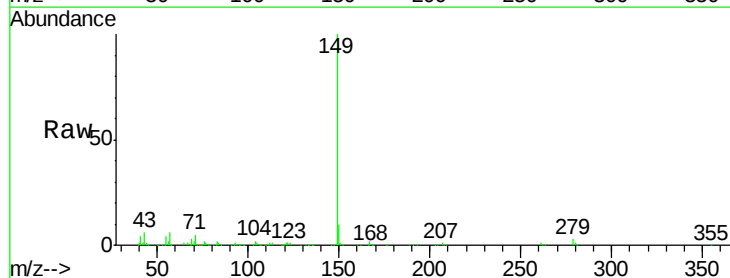
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

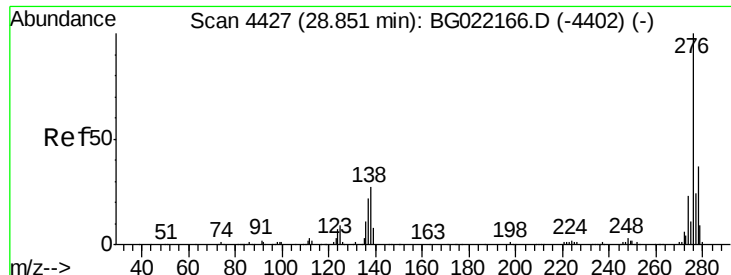
Tgt Ion:149 Resp: 349772
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.4 33.6
 279 3.9 3.2 4.8



#84
 Di-n-octyl phthalate
 Concen: 44.70 ng
 RT: 22.85 min Scan# 3406
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion:149 Resp: 591886
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 5.8 9.8 14.6#

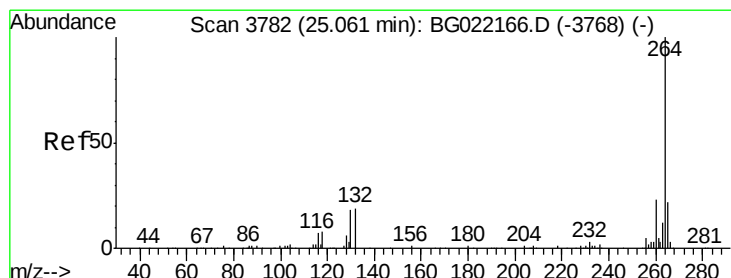
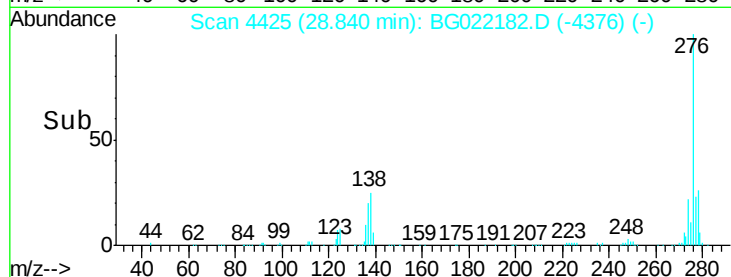
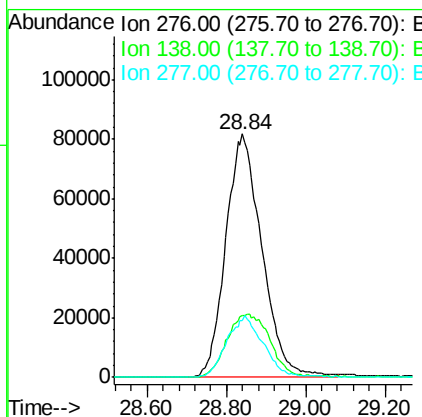
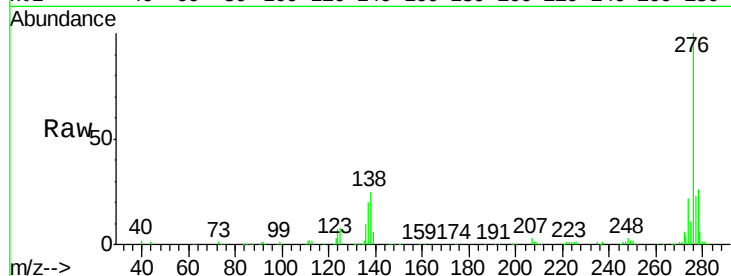




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.97 ng
 RT: 28.84 min Scan# 4425
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

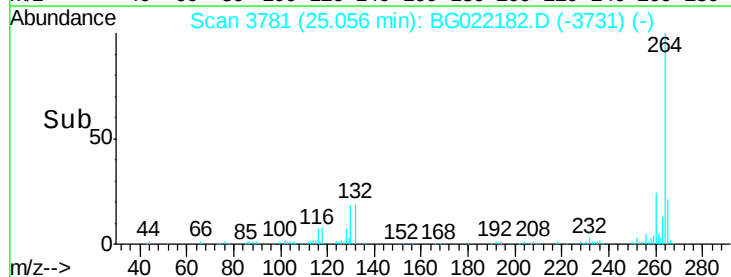
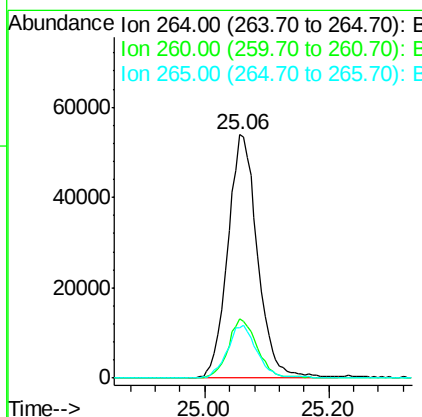
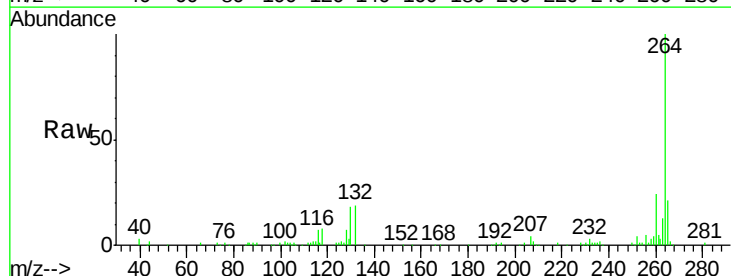
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

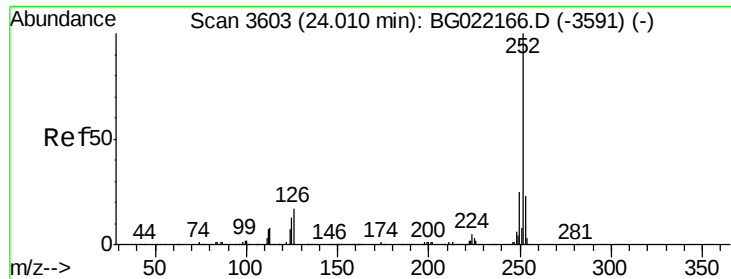
Tgt Ion: 276 Resp: 517829
 Ion Ratio Lower Upper
 276 100
 138 30.7 14.0 21.0#
 277 25.7 20.6 30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3781
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion: 264 Resp: 180309
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.4
 265 20.8 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 43.38 ng

RT: 24.01 min Scan# 3603

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

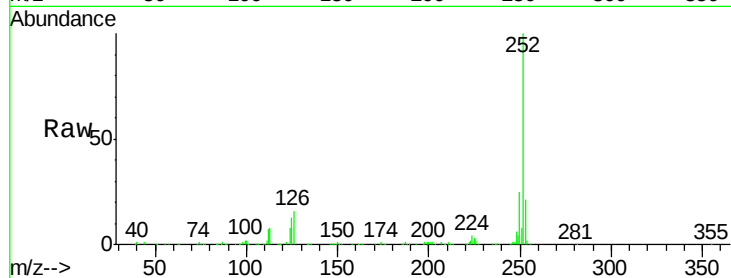
Tgt Ion:252 Resp: 456198

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

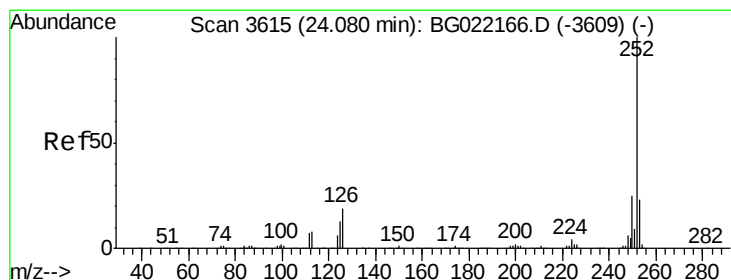
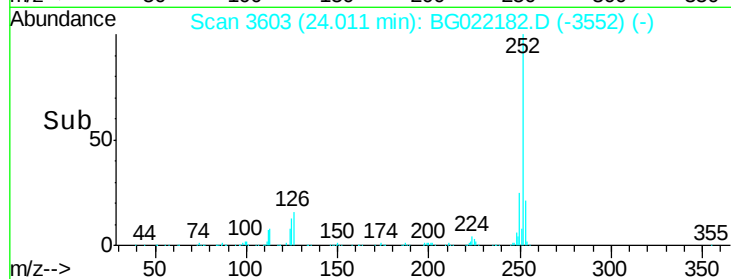
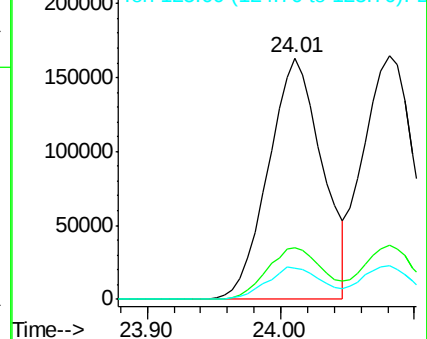
125 12.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.34 ng

RT: 24.08 min Scan# 3615

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

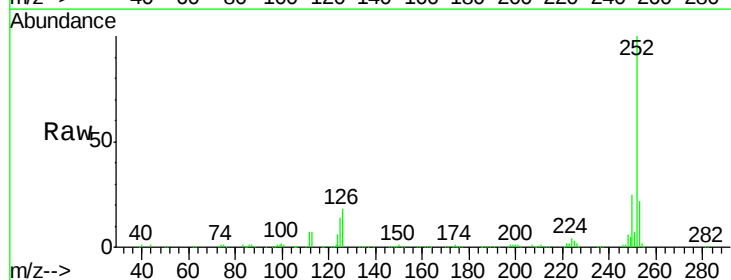
Tgt Ion:252 Resp: 448683

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

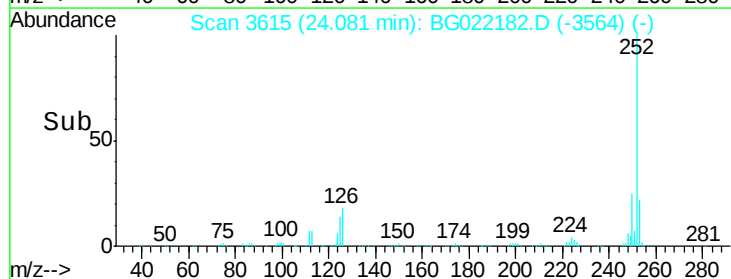
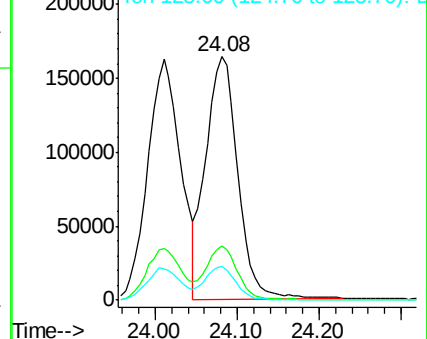
125 14.0 8.3 12.5#

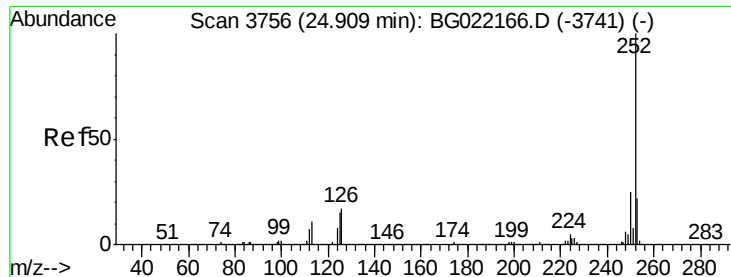


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.80 ng

RT: 24.91 min Scan# 3756

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

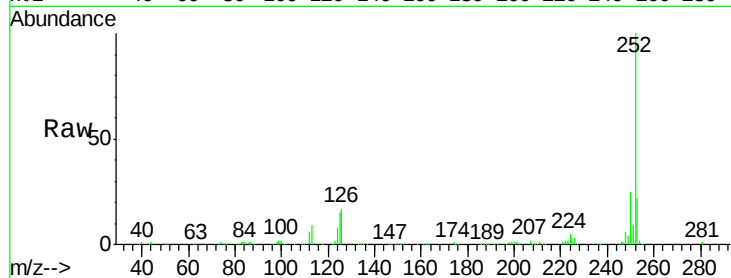
Instrument :

BNA_G

ClientSampleId :

PB91112BS

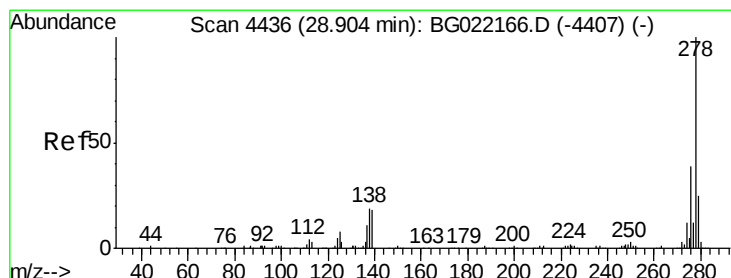
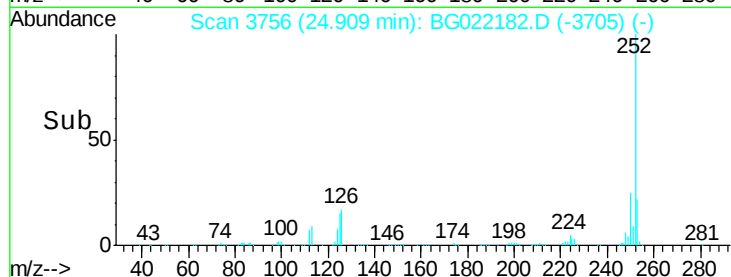
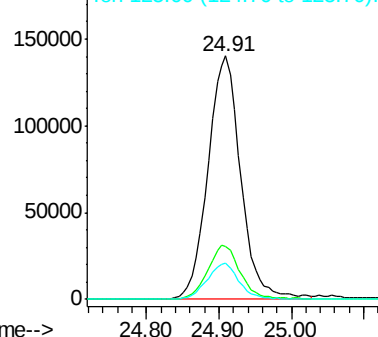
Tgt Ion:	252	Resp:	440439
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	15.0	9.6	14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.79 ng

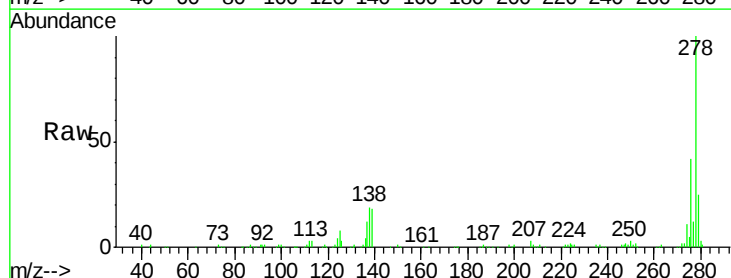
RT: 28.90 min Scan# 4435

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

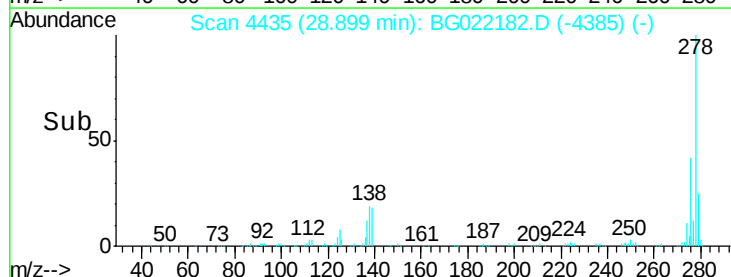
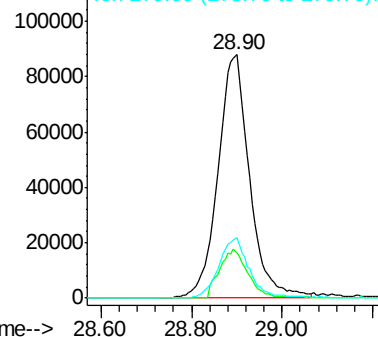
Tgt Ion:	278	Resp:	424175
Ion Ratio	Lower	Upper	
278	100		
139	18.4	11.9	17.9#
279	24.9	18.2	27.2

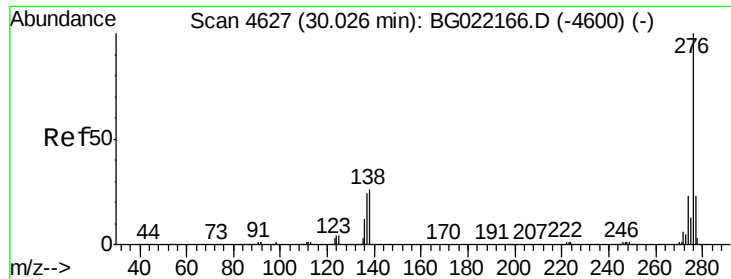


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.86 ng

RT: 30.02 min Scan# 4625

Delta R.T. -0.01 min

Lab File: BG022182.D

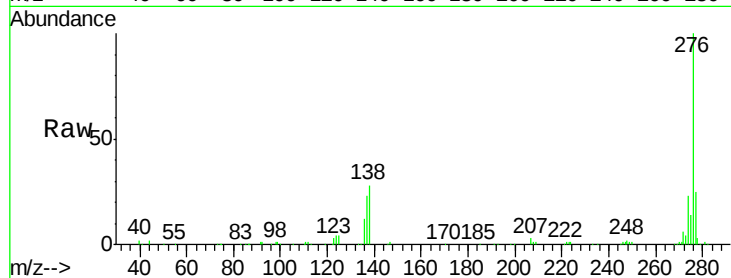
Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS



Tgt Ion:	276	Resp:	432153
Ion Ratio		Lower	Upper
276	100		
277	25.1	19.4	29.2
138	27.5	17.4	26.0

