

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022188.D
 Acq On : 7 Jun 2016 3:53
 Operator : UM/SJ
 Sample : PB91120BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

Quant Time: Jun 07 05:57:56 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	26038	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	130125	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	80116	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	187550	20.00	ng	0.00
75) Chrysene-d12	21.77	240	180345	20.00	ng	0.00
86) Perylene-d12	25.06	264	174725	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	199090	147.83	ng	0.00
7) Phenol-d6	7.28	99	298349	140.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	152982	81.96	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	118667	131.08	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	436729	83.07	ng	0.00
78) Terphenyl-d14	20.08	244	669517	88.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	18930	29.32	ng	# 73
3) Pyridine	3.92	79	55991	32.09	ng	96
4) n-Nitrosodimethylamine	3.84	42	15536	39.82	ng	92
6) Aniline	7.44	93	77673	28.87	ng	# 82
8) 2-Chlorophenol	7.68	128	81055	43.55	ng	# 78
9) Benzaldehyde	7.27	77	3555	3.05	ng	# 79
10) Phenol	7.30	94	97641	44.73	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	66966	38.47	ng	# 74
12) 1,3-Dichlorobenzene	8.01	146	76195	38.19	ng	# 88
13) 1,4-Dichlorobenzene	8.15	146	78070	39.27	ng	94
14) 1,2-Dichlorobenzene	8.47	146	77125	38.49	ng	98
15) Benzyl Alcohol	8.36	79	53661	39.23	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.65	45	69514	38.49	ng	80
17) 2-Methylphenol	8.57	107	68910	42.30	ng	# 84
18) Hexachloroethane	9.20	117	28479	39.23	ng	# 83
19) n-Nitroso-di-n-propylamine	8.92	70	53475	37.31	ng	# 72
20) 3+4-Methylphenols	8.90	107	97532	41.74	ng	92
22) Acetophenone	8.95	105	111354	39.71	ng	# 78
24) Nitrobenzene	9.34	77	78426	41.78	ng	# 82
25) Isophorone	9.85	82	164845	37.75	ng	94
26) 2-Nitrophenol	10.05	139	40998	40.28	ng	# 76
27) 2,4-Dimethylphenol	10.10	122	80575	43.74	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	100895	40.33	ng	93
29) 2,4-Dichlorophenol	10.59	162	78723	46.13	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	75809	39.76	ng	91
31) Naphthalene	10.99	128	256498	39.49	ng	# 96
32) Benzoic acid	10.23	122	20661	37.17	ng	# 81
33) 4-Chloroaniline	11.10	127	51556	19.09	ng	# 88
34) Hexachlorobutadiene	11.26	225	40827	39.88	ng	98
35) Caprolactam	11.87	113	14560	15.55	ng	# 48
36) 4-Chloro-3-methylphenol	12.21	107	85946	42.49	ng	# 86
37) 2-Methylnaphthalene	12.59	142	187224	39.05	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	83948	40.71	ng	99
40) Hexachlorocyclopentadiene	12.92	237	82580	78.63	ng	98

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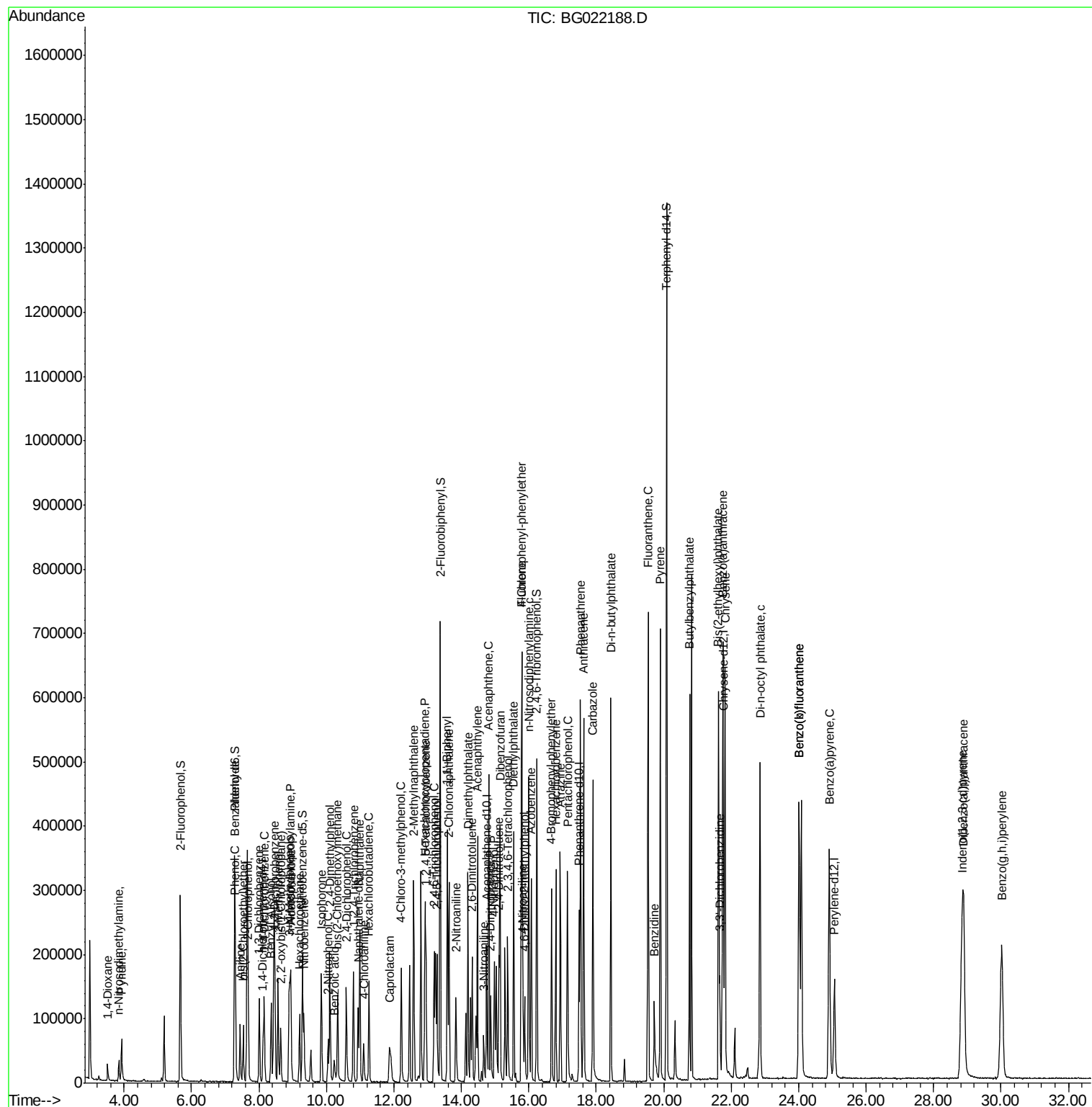
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	61212	44.24	ng	98
43) 2,4,5-Trichlorophenol	13.27	196	66254	43.35	ng	92
45) 1,1'-Biphenyl	13.58	154	249088	41.31	ng	95
46) 2-Chloronaphthalene	13.63	162	193809	41.93	ng	96
47) 2-Nitroaniline	13.84	65	44494	40.37	ng	# 60
48) Acenaphthylene	14.48	152	337612	41.63	ng	99
49) Dimethylphthalate	14.19	163	267509	40.27	ng	98
50) 2,6-Dinitrotoluene	14.32	165	60655	42.00	ng	# 76
51) Acenaphthene	14.81	154	198399	40.84	ng	98
52) 3-Nitroaniline	14.66	138	36367	22.71	ng	# 79
53) 2,4-Dinitrophenol	14.87	184	47114	79.91	ng	# 71
54) Dibenzofuran	15.15	168	316374	41.73	ng	98
55) 4-Nitrophenol	14.98	139	97468	88.18	ng	# 69
56) 2,4-Dinitrotoluene	15.11	165	84725	43.74	ng	# 81
57) Fluorene	15.79	166	266446	40.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	59654	43.51	ng	95
59) Diethylphthalate	15.55	149	286359	40.36	ng	100
60) 4-Chlorophenyl-phenylether	15.78	204	122692	41.48	ng	93
61) 4-Nitroaniline	15.82	138	66719	39.28	ng	# 79
62) Azobenzene	16.07	77	224155	41.71	ng	86
64) 4,6-Dinitro-2-methylphenol	15.88	198	37744	40.64	ng	# 81
65) n-Nitrosodiphenylamine	15.99	169	230717	42.70	ng	100
66) 4-Bromophenyl-phenylether	16.67	248	75453	42.94	ng	95
67) Hexachlorobenzene	16.80	284	84109	41.06	ng	94
68) Atrazine	16.93	200	80322	40.16	ng	97
69) Pentachlorophenol	17.14	266	78764	84.42	ng	97
70) Phenanthrene	17.53	178	422922	41.52	ng	98
71) Anthracene	17.63	178	425429	42.11	ng	97
72) Carbazole	17.90	167	399789	41.78	ng	98
73) Di-n-butylphthalate	18.43	149	530273	42.39	ng	99
74) Fluoranthene	19.54	202	497049	42.44	ng	97
76) Benzidine	19.72	184	144825	30.71	ng	99
77) Pyrene	19.90	202	491426	43.83	ng	99
79) Butylbenzylphthalate	20.76	149	227026	43.66	ng	89
80) Benzo(a)anthracene	21.74	228	440037	43.51	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	76607	26.98	ng	98
82) Chrysene	21.82	228	423978	43.08	ng	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	334288	43.72	ng	99
84) Di-n-octyl phthalate	22.86	149	568784	44.80	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.84	276	496581	44.98	ng	# 86
87) Benzo(b)fluoranthene	24.01	252	433146	42.51	ng	98
88) Benzo(k)fluoranthene	24.01	252	433146	43.18	ng	98
89) Benzo(a)pyrene	24.91	252	420370	43.14	ng	# 96
90) Dibenzo(a,h)anthracene	28.89	278	413700	45.08	ng	# 96
91) Benzo(g,h,i)perylene	30.02	276	418554	43.84	ng	# 94

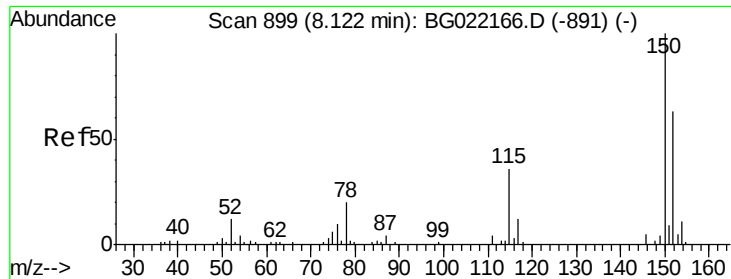
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

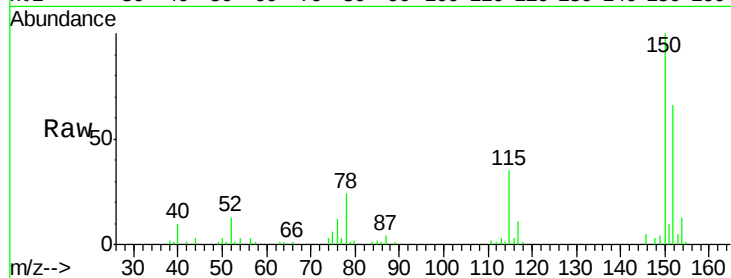
Tgt Ion:152 Resp: 26038

Ion Ratio Lower Upper

152 100

150 152.0 130.1 195.1

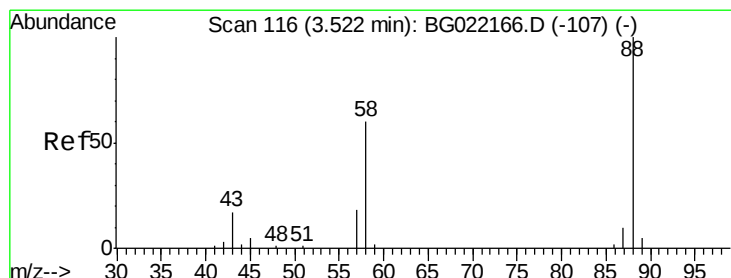
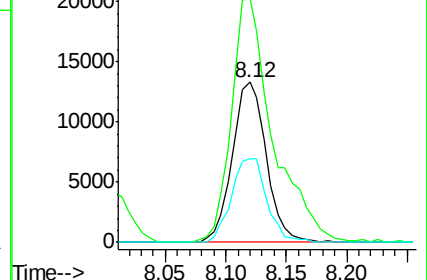
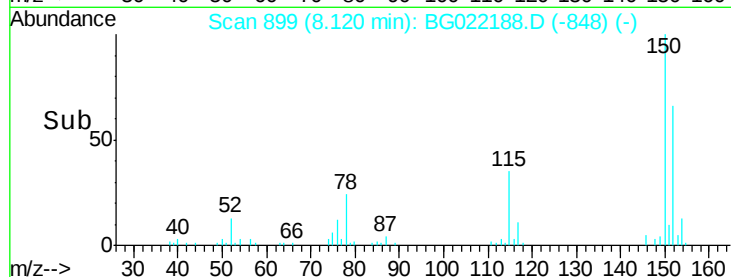
115 52.5 62.2 93.2#



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: 29.32 ng

RT: 3.51 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

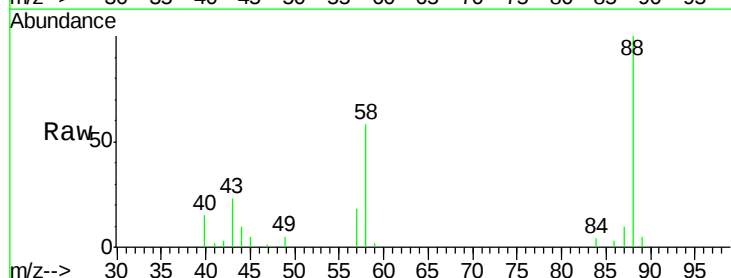
Tgt Ion: 88 Resp: 18930

Ion Ratio Lower Upper

88 100

58 65.0 36.8 55.2#

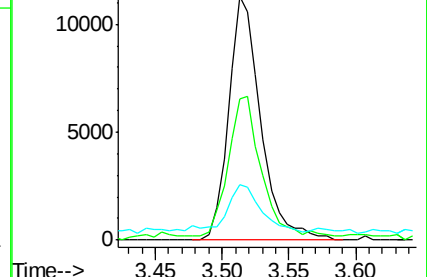
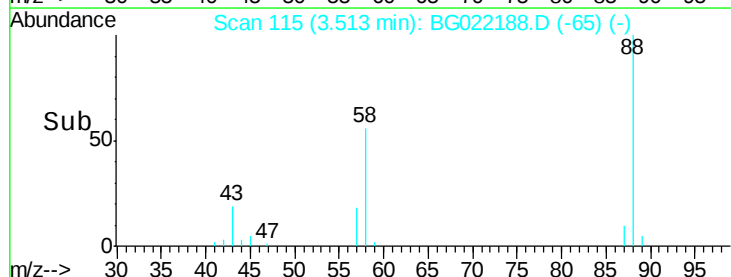
43 20.8 10.4 15.6#

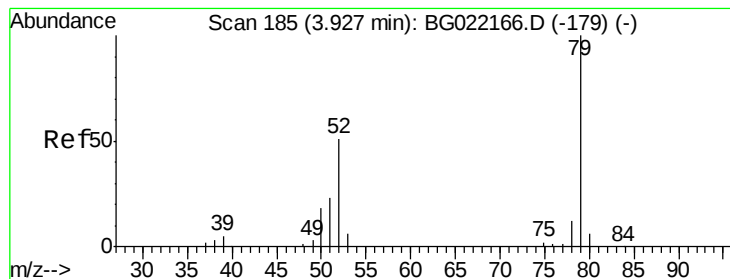


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.09 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

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ClientSampleId :

PB91120BS

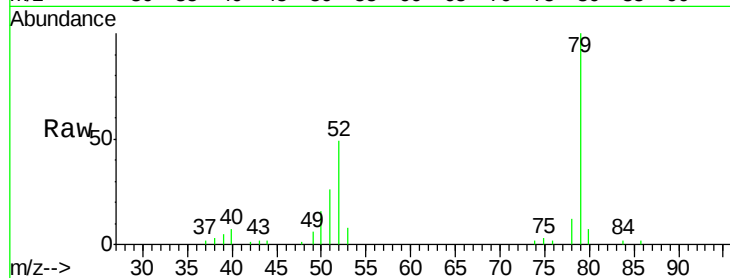
Tgt Ion: 79 Resp: 55991

Ion Ratio Lower Upper

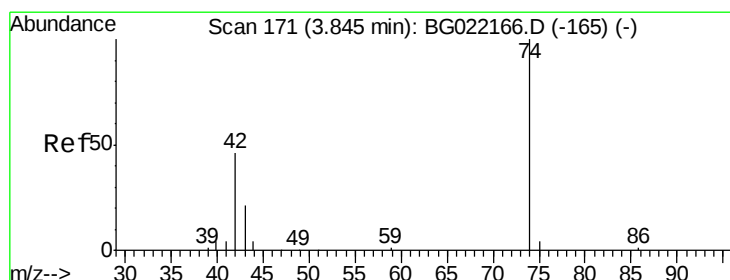
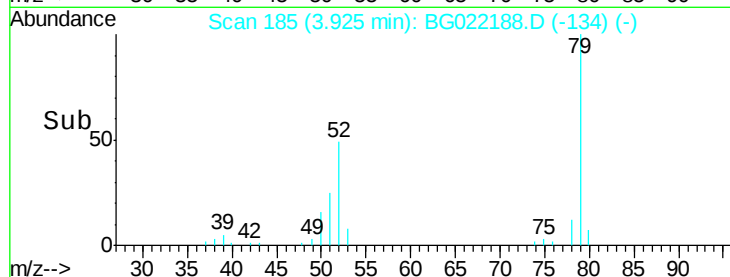
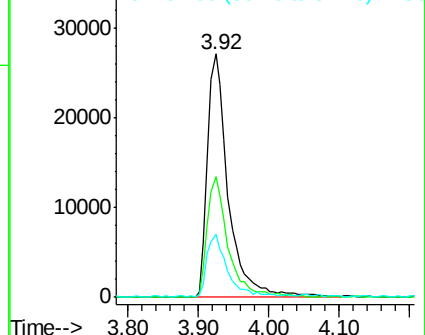
79 100

52 49.5 41.6 62.4

51 25.8 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: 39.82 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

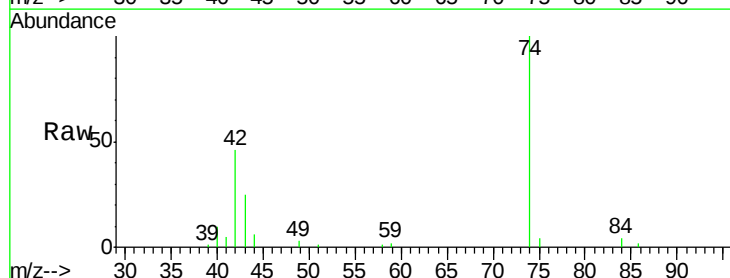
Tgt Ion: 42 Resp: 15536

Ion Ratio Lower Upper

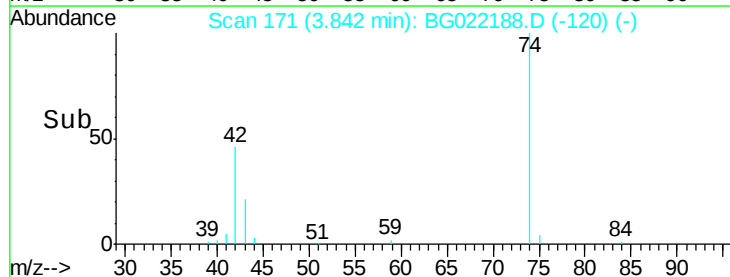
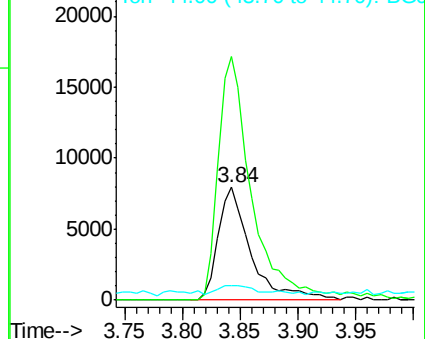
42 100

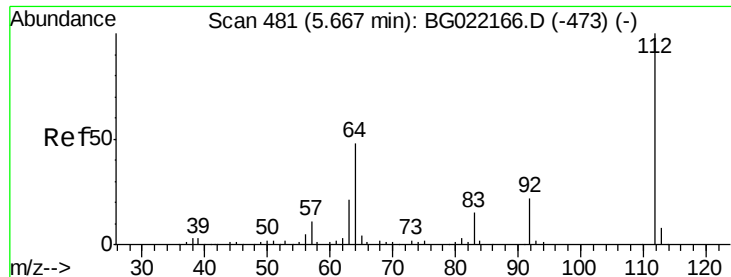
74 215.6 184.0 276.0

44 13.1 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: 147.83 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022188.D

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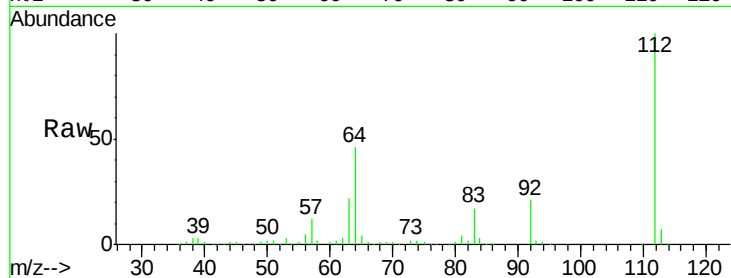
Tgt Ion: 112 Resp: 199090

Ion Ratio Lower Upper

112 100

64 46.2 51.1 76.7#

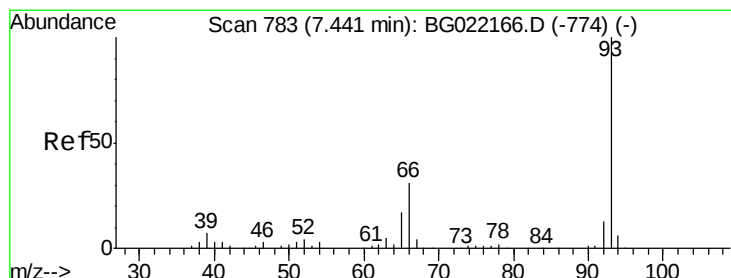
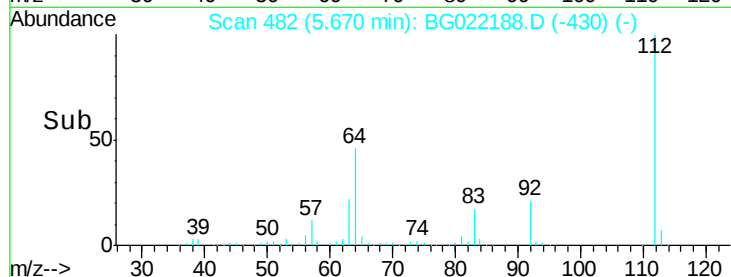
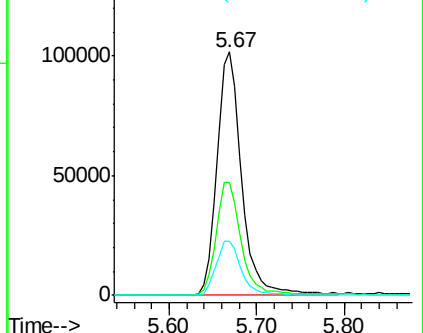
63 22.5 24.6 37.0#



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: 28.87 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

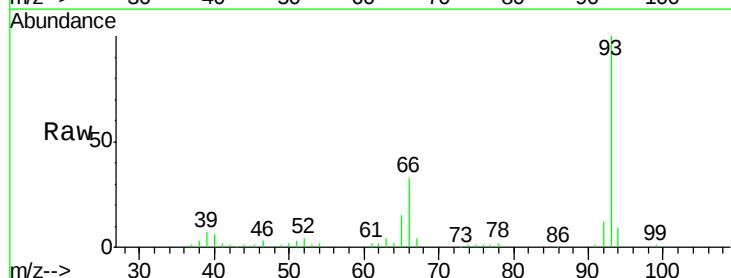
Tgt Ion: 93 Resp: 77673

Ion Ratio Lower Upper

93 100

66 33.0 36.3 54.5#

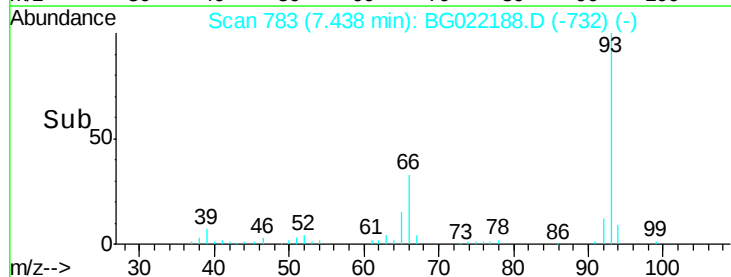
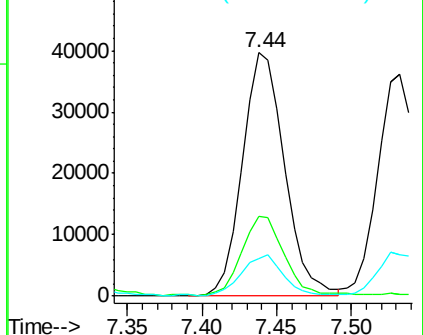
65 15.3 18.4 27.6#

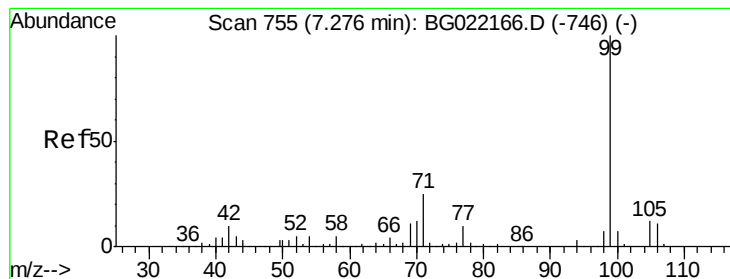


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.90 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

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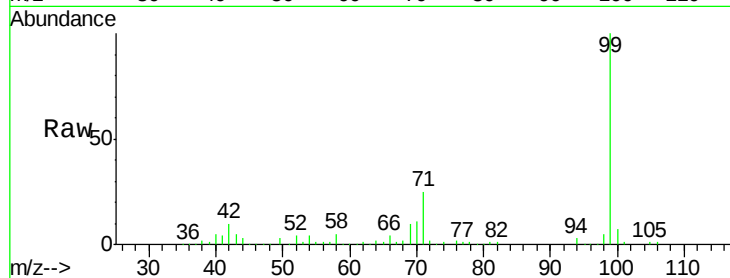
Tgt Ion: 99 Resp: 298349

Ion Ratio Lower Upper

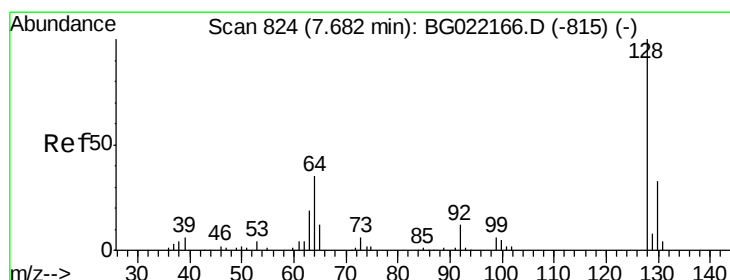
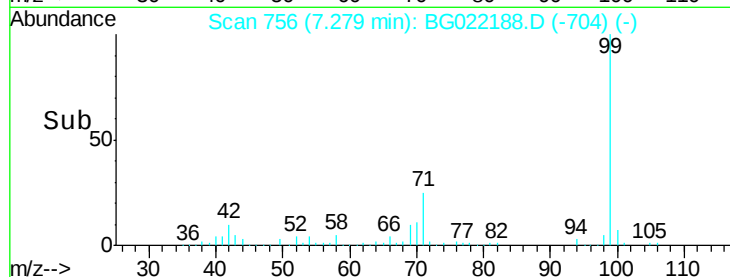
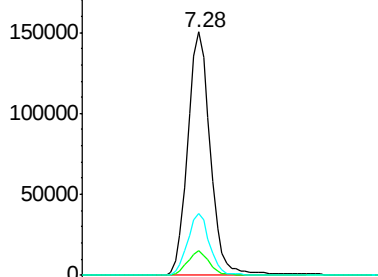
99 100

42 10.0 16.4 24.6#

71 25.2 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: 43.55 ng

RT: 7.68 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

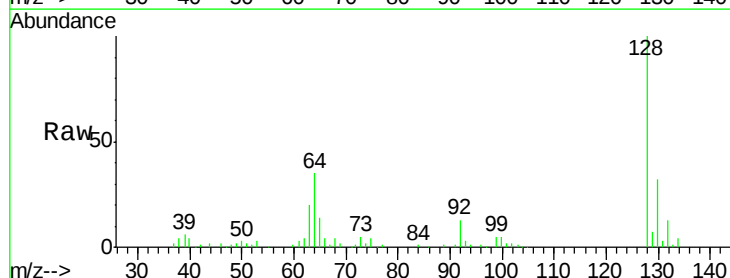
Tgt Ion: 128 Resp: 81055

Ion Ratio Lower Upper

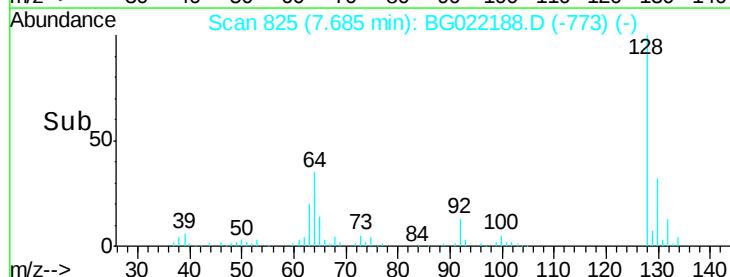
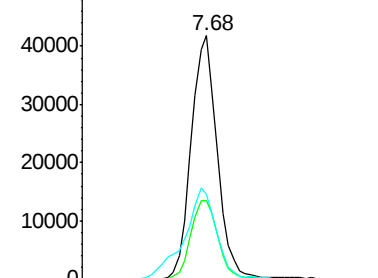
128 100

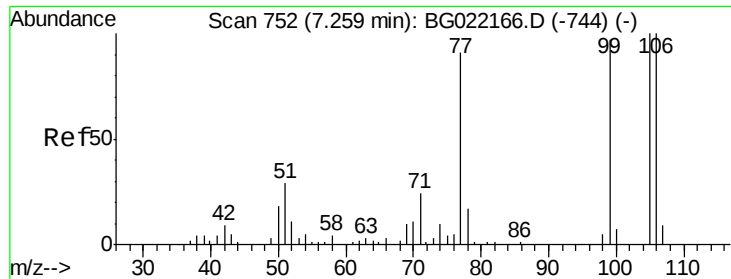
130 32.4 11.2 51.2

64 35.1 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: 3.05 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.01 min

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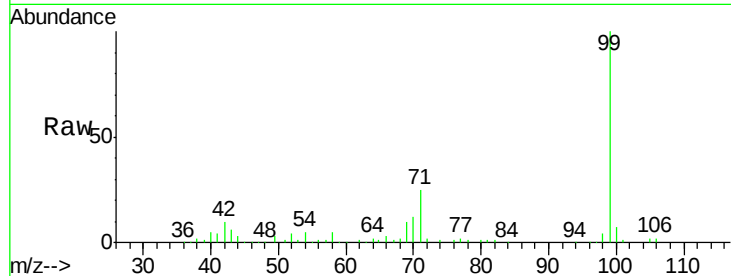
Tgt Ion: 77 Resp: 3555

Ion Ratio Lower Upper

77 100

105 98.7 62.1 102.1

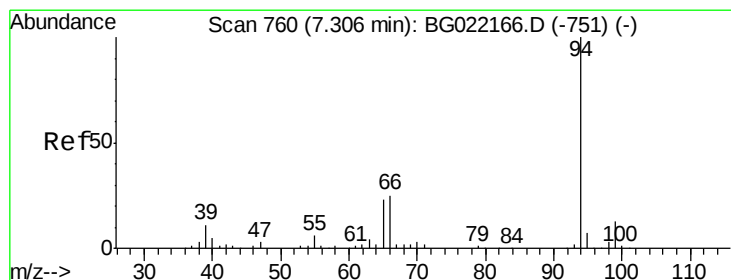
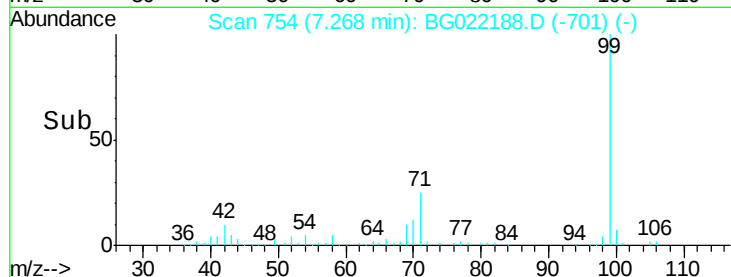
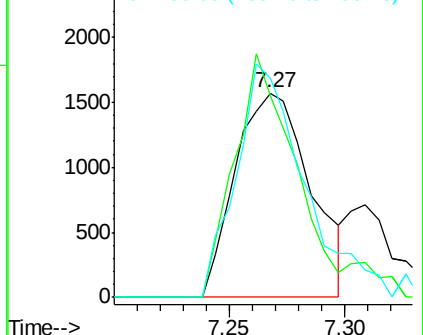
106 107.4 65.6 105.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.73 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

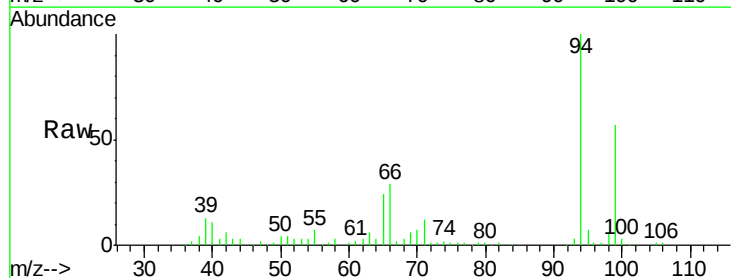
Tgt Ion: 94 Resp: 97641

Ion Ratio Lower Upper

94 100

65 24.3 9.8 49.8

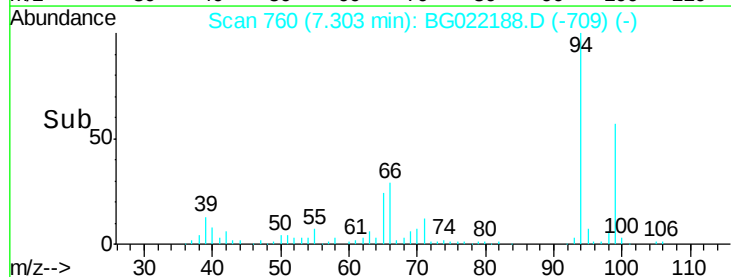
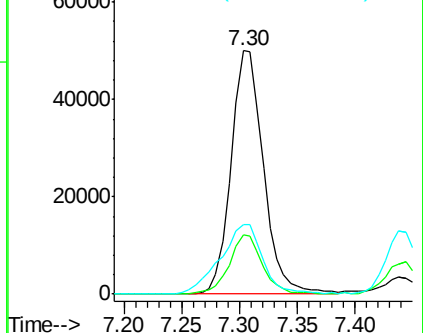
66 28.7 20.8 60.8

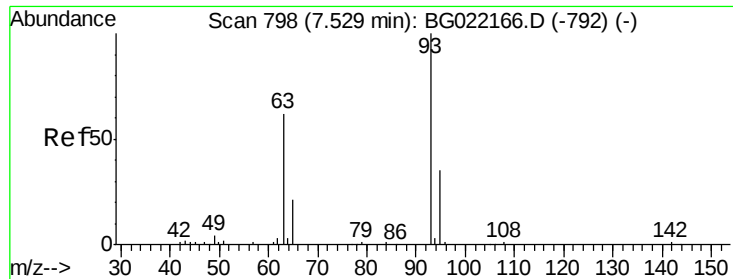


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

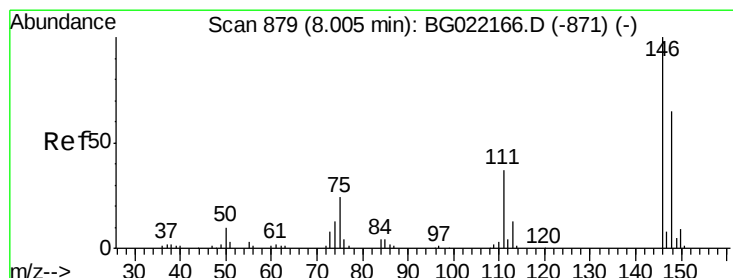
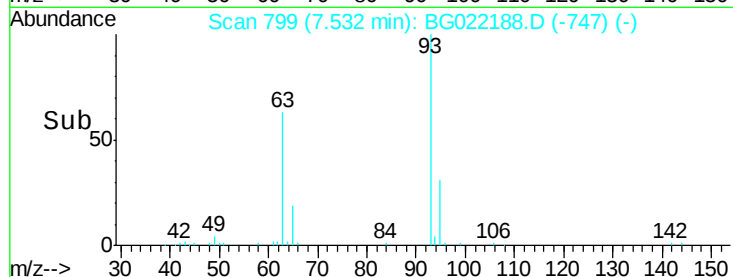
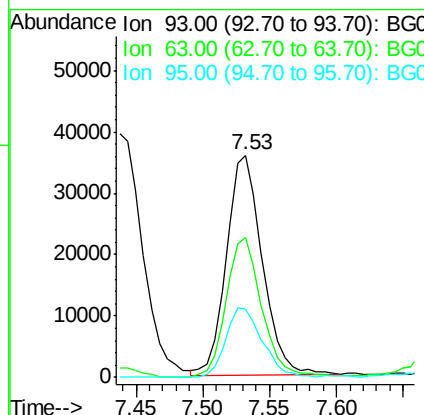
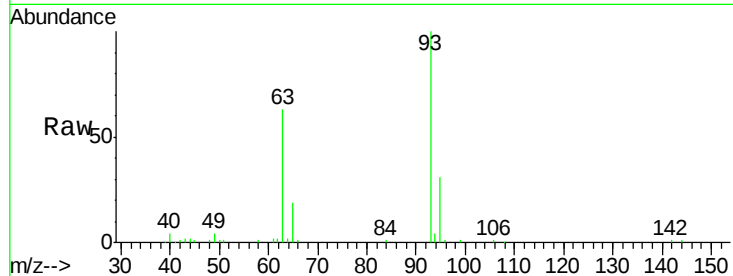




#11
bis(2-Chloroethyl)ether
Concen: 38.47 ng
RT: 7.53 min Scan# 799
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

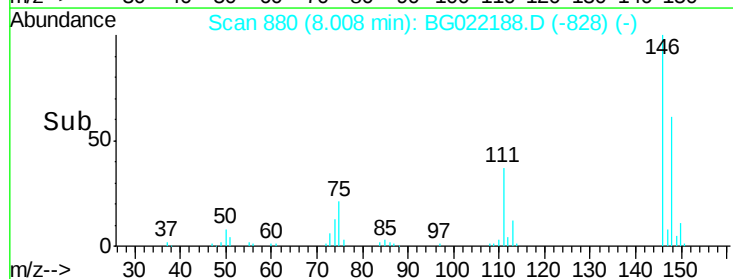
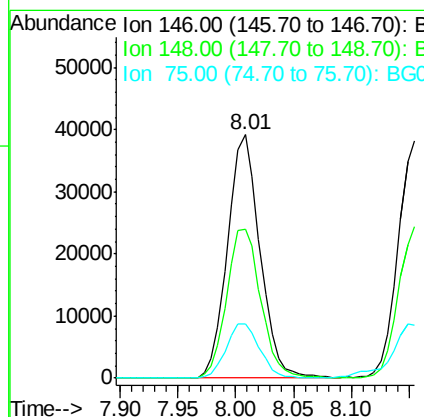
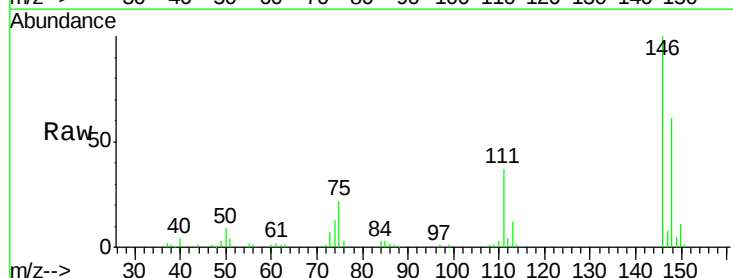
Instrument :
BNA_G
ClientSampleId :
PB91120BS

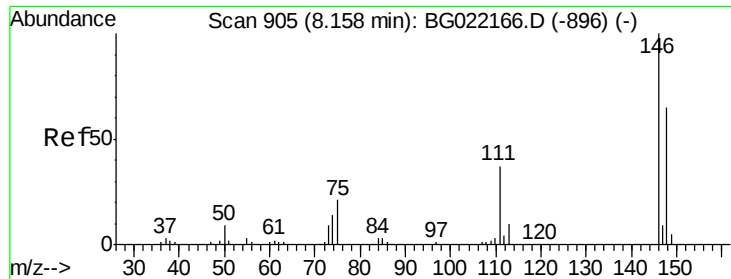
Tgt Ion: 93 Resp: 66966
Ion Ratio Lower Upper
93 100
63 62.8 74.9 114.9#
95 30.6 8.3 48.3



#12
1,3-Dichlorobenzene
Concen: 38.19 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion: 146 Resp: 76195
Ion Ratio Lower Upper
146 100
148 61.3 53.7 80.5
75 22.1 27.4 41.0#

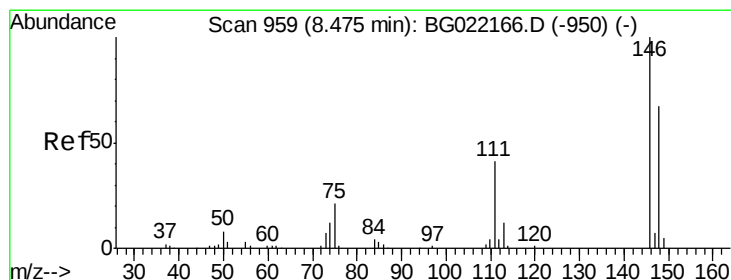
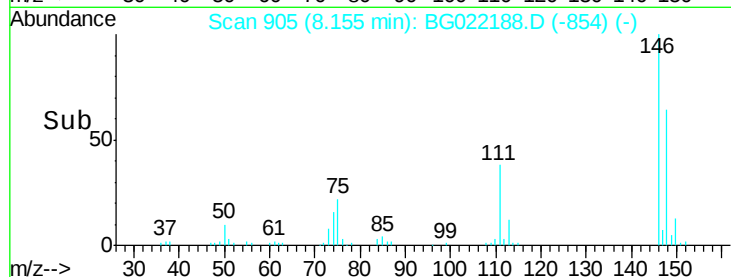
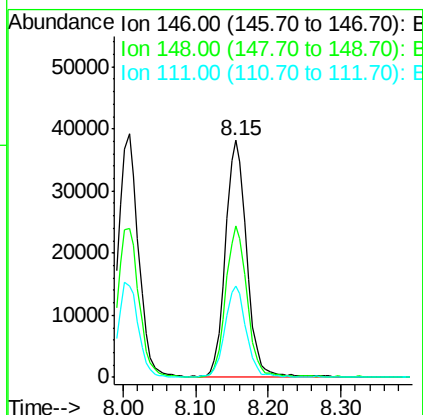
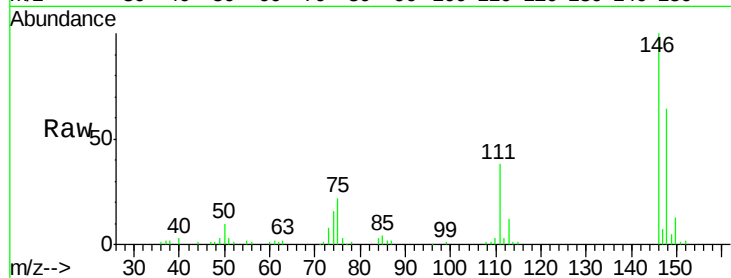




#13
 1,4-Dichlorobenzene
 Concen: 39.27 ng
 RT: 8.15 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

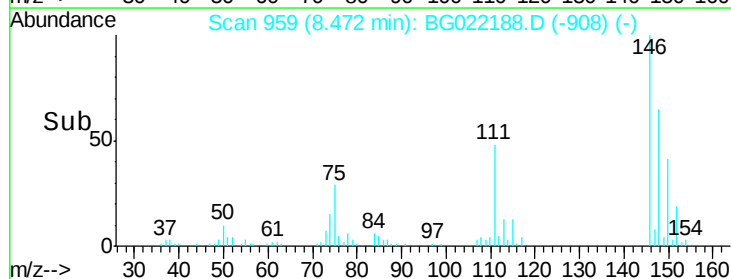
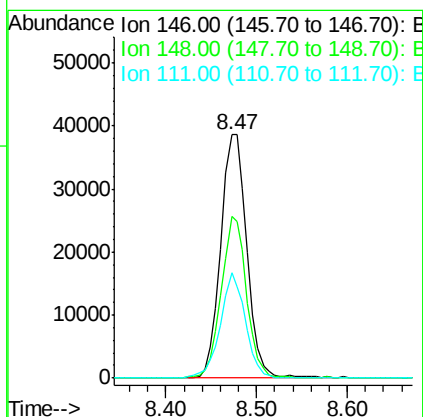
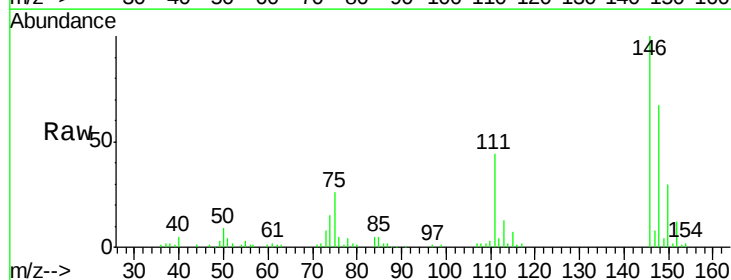
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

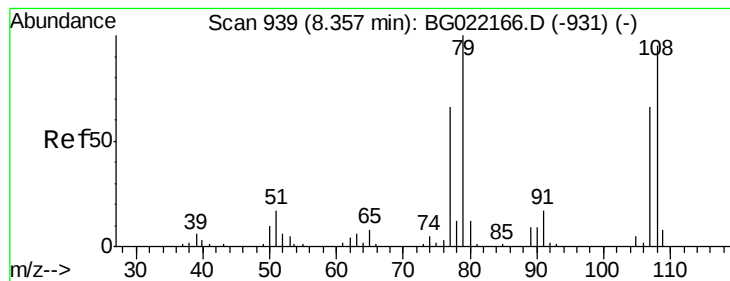
Tgt Ion:146 Resp: 78070
 Ion Ratio Lower Upper
 146 100
 148 63.9 46.7 70.1
 111 38.3 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 38.49 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:146 Resp: 77125
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.6 79.0
 111 43.5 36.1 54.1





#15

Benzyl Alcohol

Concen: 39.23 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

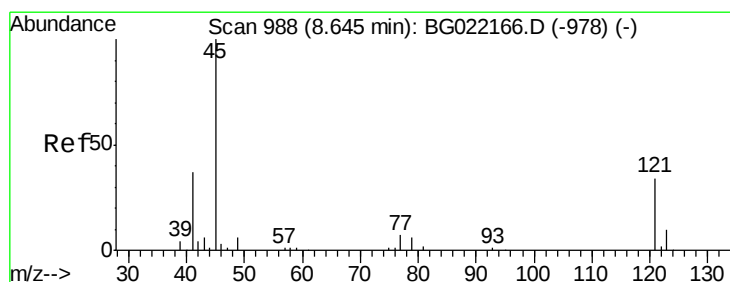
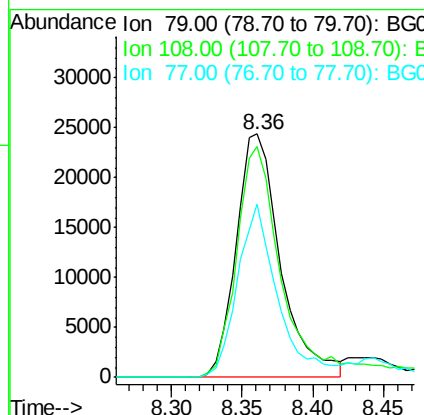
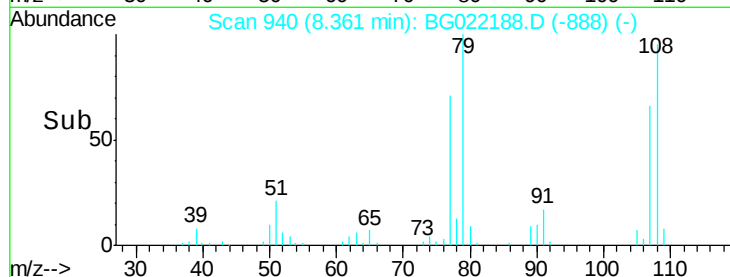
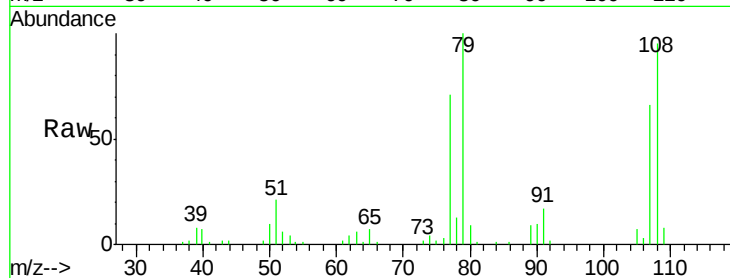
Tgt Ion: 79 Resp: 53661

Ion Ratio Lower Upper

79 100

108 95.0 59.4 89.0#

77 71.1 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.49 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

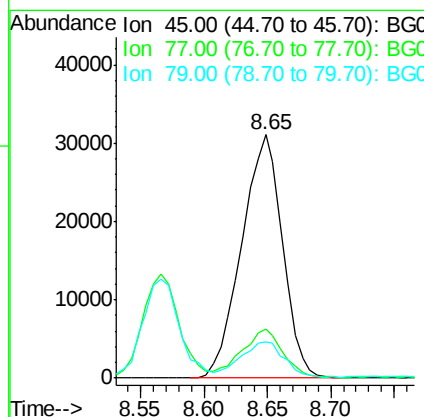
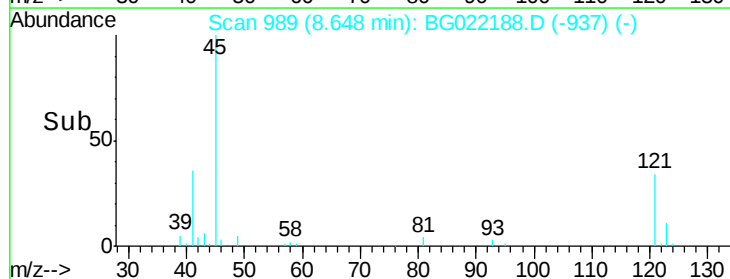
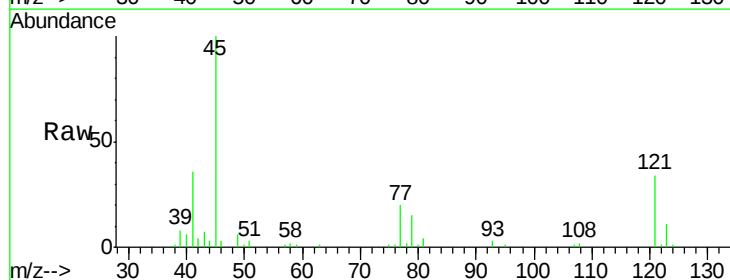
Tgt Ion: 45 Resp: 69514

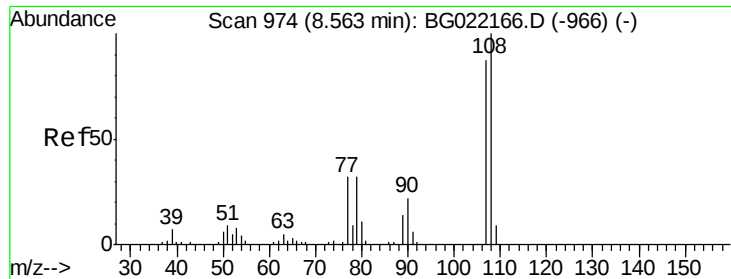
Ion Ratio Lower Upper

45 100

77 20.0 0.0 31.2

79 14.9 0.0 29.0

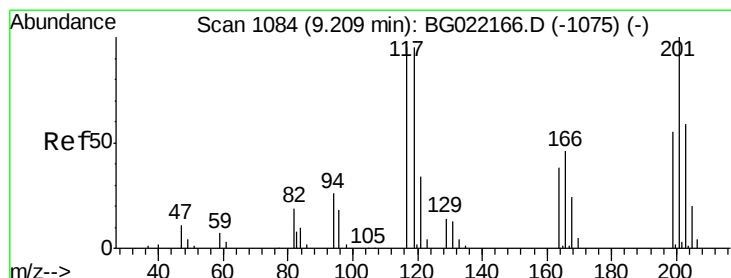
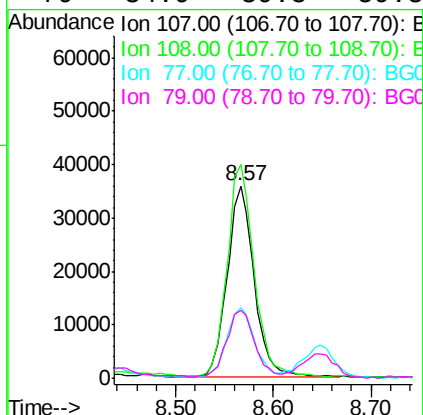
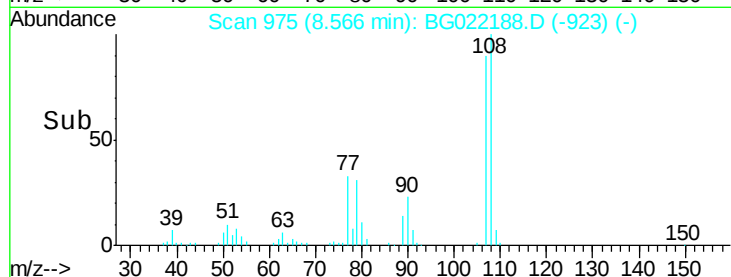
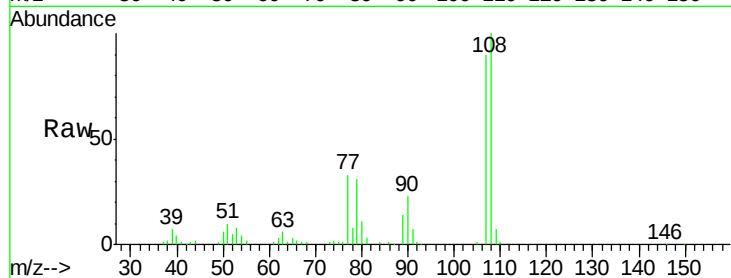




#17
2-Methylphenol
Concen: 42.30 ng
RT: 8.57 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

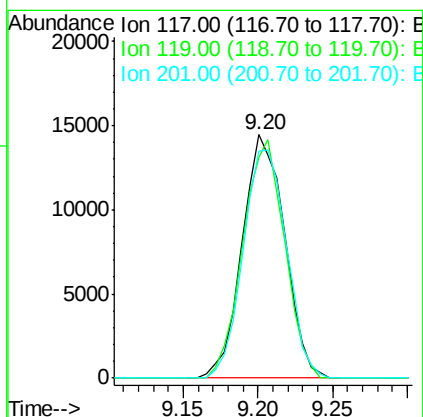
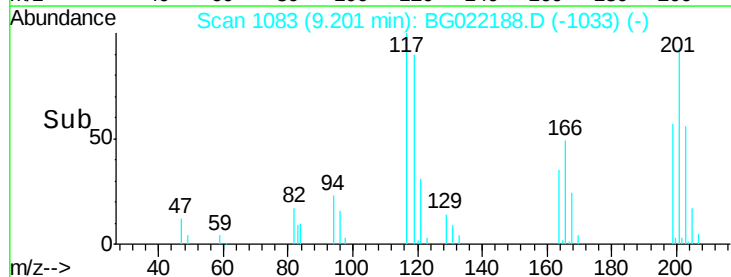
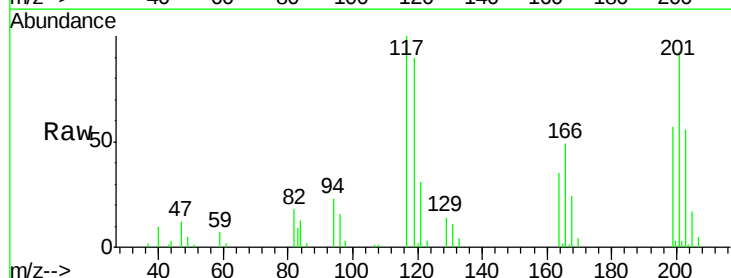
Instrument :
BNA_G
ClientSampleId :
PB91120BS

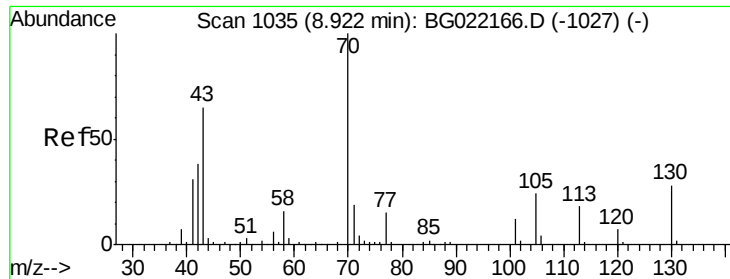
Tgt Ion:107 Resp: 68910
Ion Ratio Lower Upper
107 100
108 110.9 80.2 120.4
77 36.9 40.7 61.1#
79 34.9 39.8 59.8#



#18
Hexachloroethane
Concen: 39.23 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:117 Resp: 28479
Ion Ratio Lower Upper
117 100
119 90.4 63.9 95.9
201 96.1 61.2 91.8#

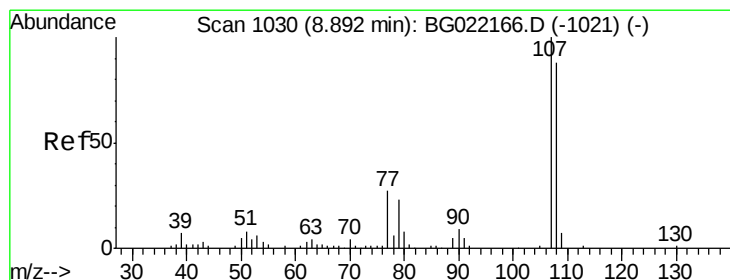
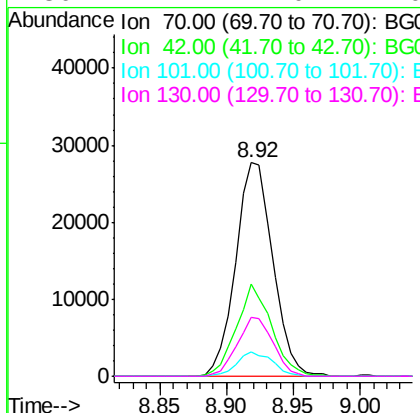
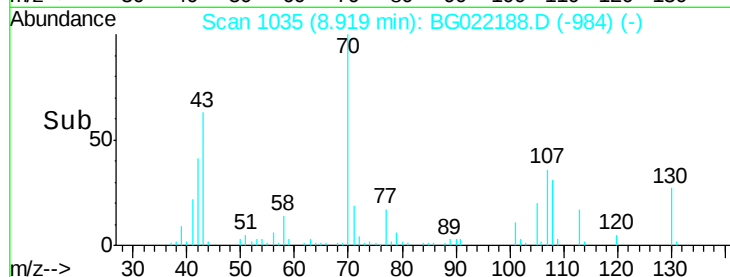
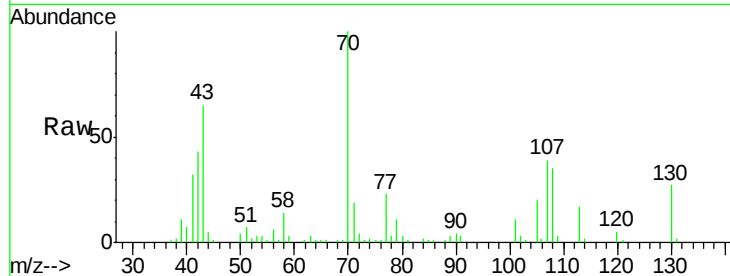




#19
n-Nitroso-di-n-propylamine
Concen: 37.31 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

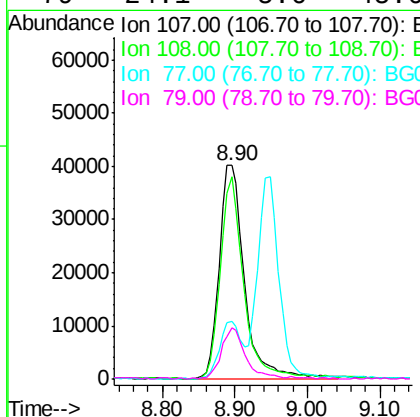
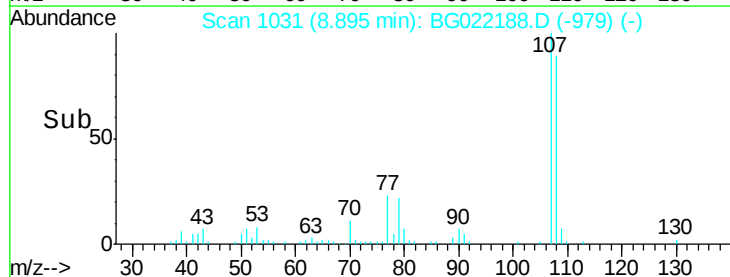
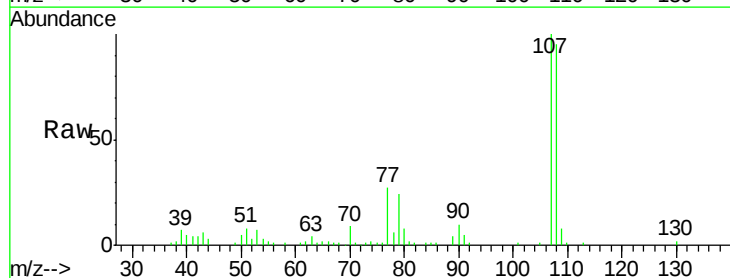
Instrument :
BNA_G
ClientSampleId :
PB91120BS

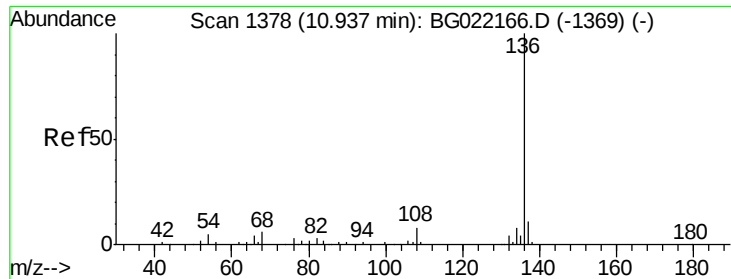
Tgt Ion: 70 Resp: 53475
Ion Ratio Lower Upper
70 100
42 43.0 56.7 85.1#
101 11.2 8.2 12.4
130 27.4 14.0 21.0#



#20
3+4-Methylphenols
Concen: 41.74 ng
RT: 8.90 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion: 107 Resp: 97532
Ion Ratio Lower Upper
107 100
108 94.9 66.2 106.2
77 27.2 11.5 51.5
79 24.1 5.6 45.6

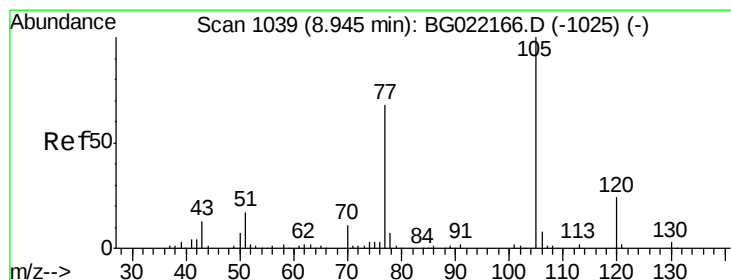
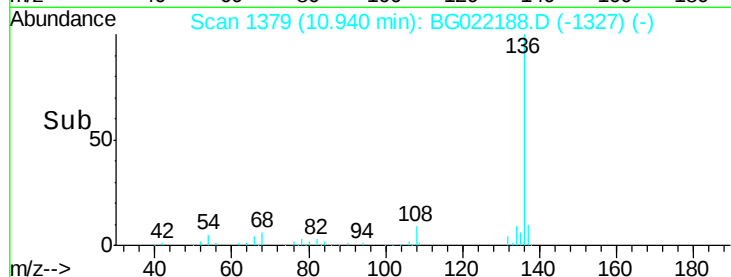
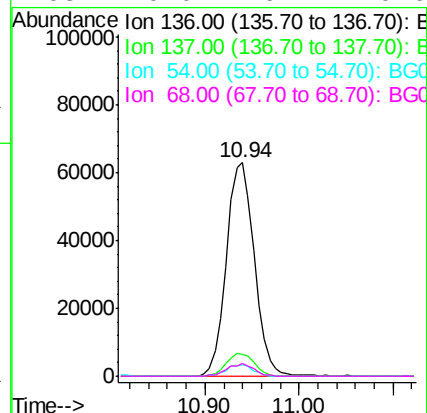
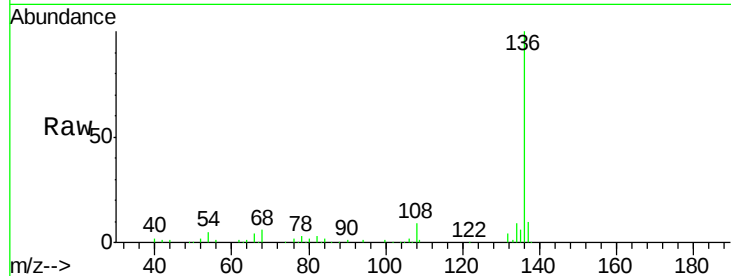




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

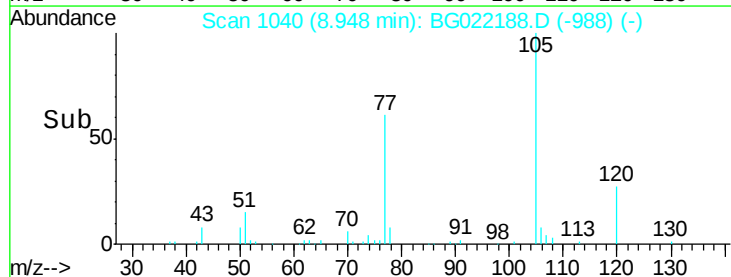
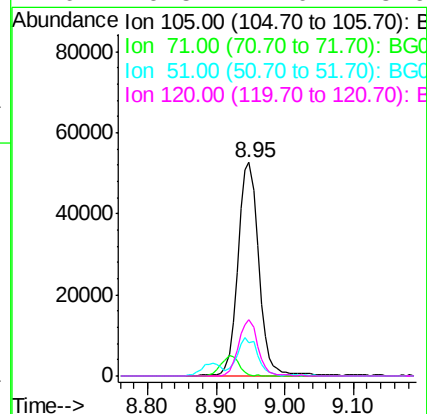
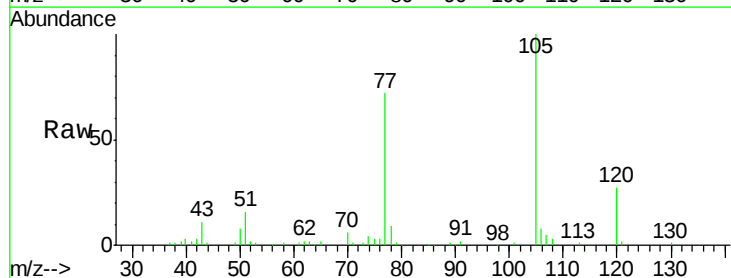
Instrument :
BNA_G
ClientSampleId :
PB91120BS

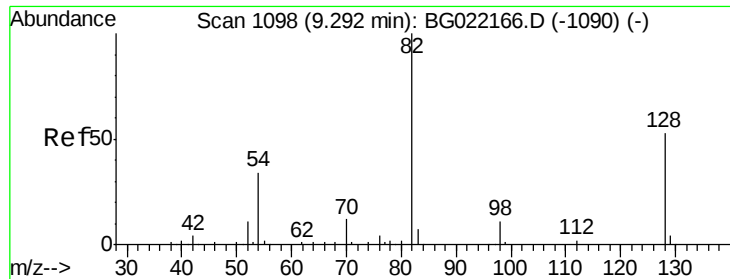
Tgt Ion:	136	Resp:	130125
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.4	9.6	14.4#
68	6.0	6.4	9.6#



#22
Acetophenone
Concen: 39.71 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:	105	Resp:	111354
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.0	0.0#
51	15.9	25.7	38.5#
120	26.5	17.0	25.6#

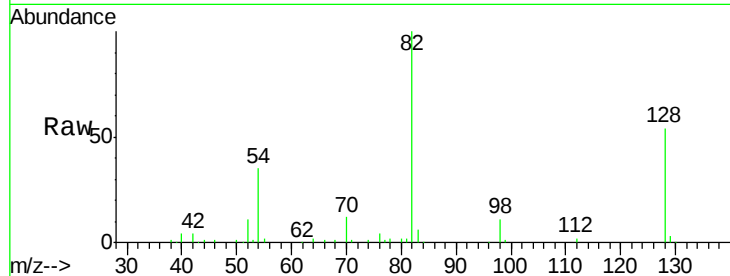




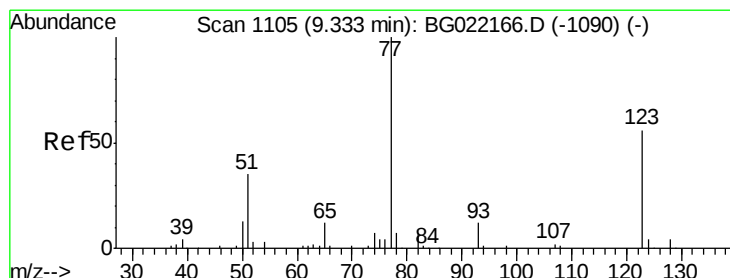
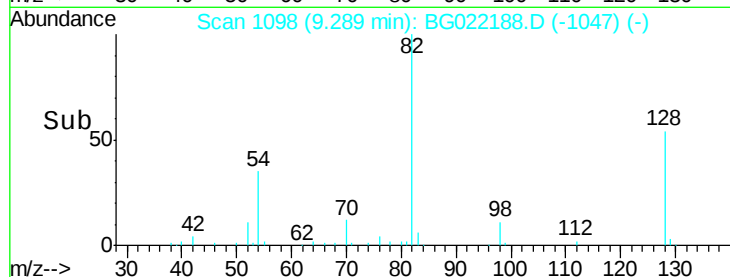
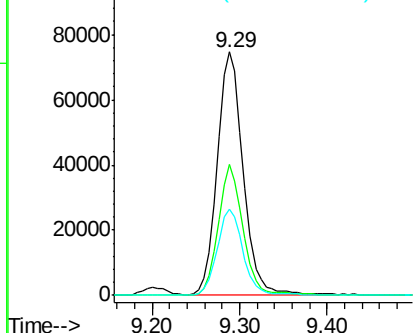
#23
Nitrobenzene-d5
Concen: 81.96 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Instrument :
BNA_G
ClientSampleId :
PB91120BS

Tgt Ion: 82 Resp: 152982
Ion Ratio Lower Upper
82 100
128 54.0 33.4 50.0#
54 35.4 46.1 69.1#

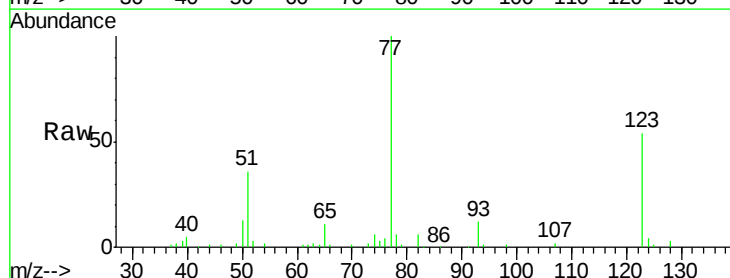


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

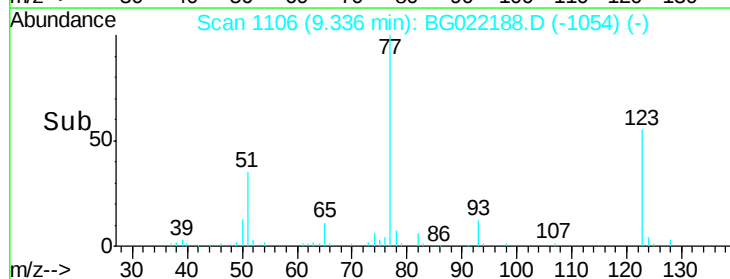
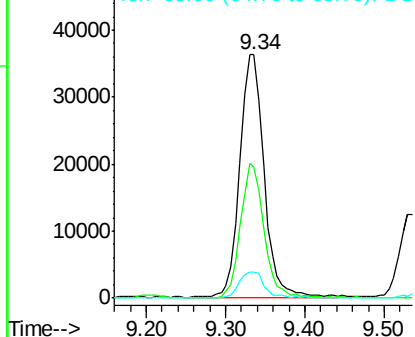


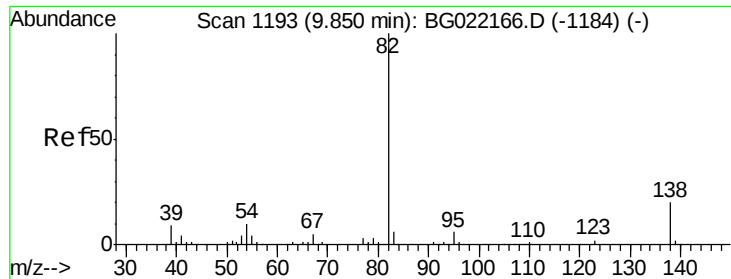
#24
Nitrobenzene
Concen: 41.78 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion: 77 Resp: 78426
Ion Ratio Lower Upper
77 100
123 54.0 32.2 48.4#
65 10.9 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

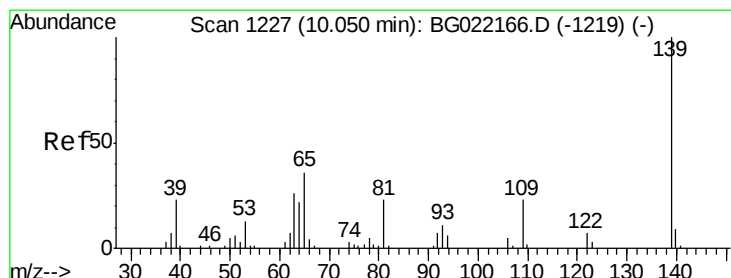
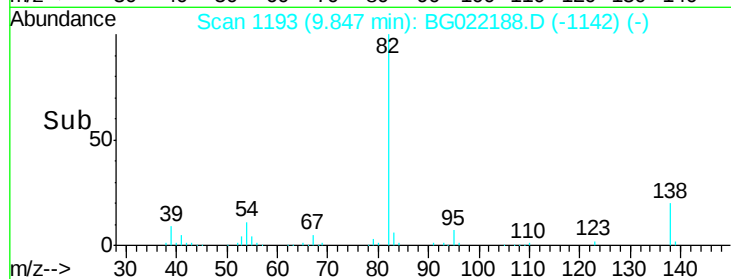
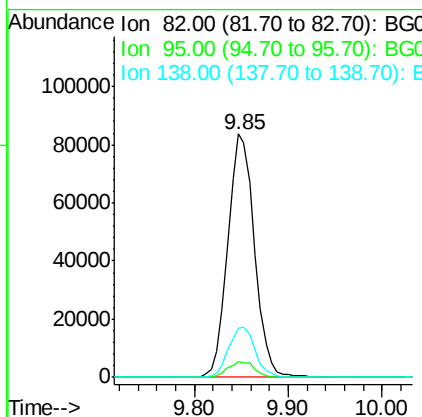
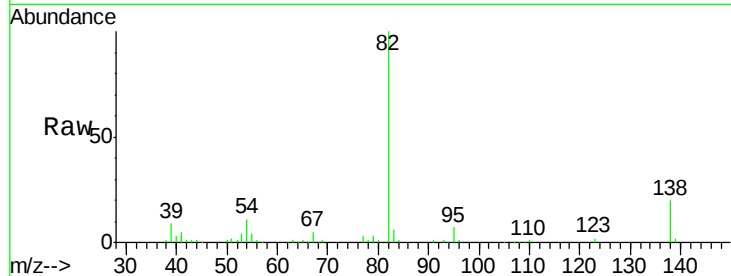




#25
Isophorone
Concen: 37.75 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

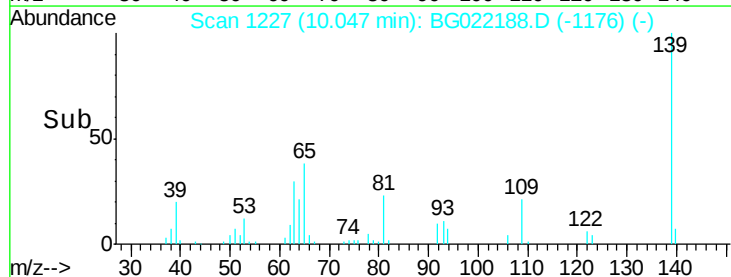
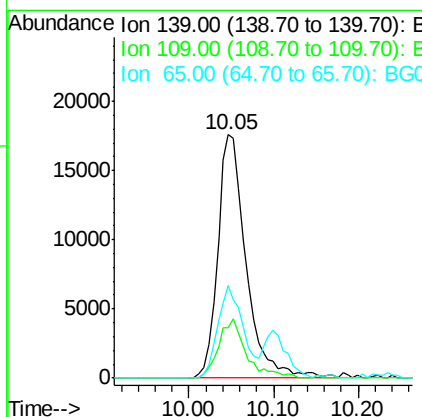
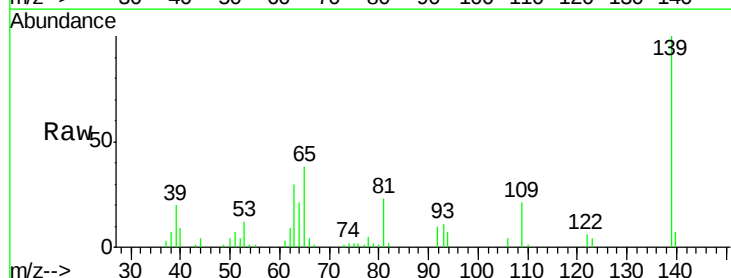
Instrument :
BNA_G
ClientSampled :
PB91120BS

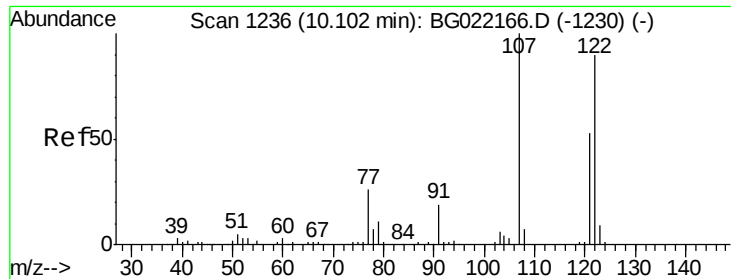
Tgt Ion: 82 Resp: 164845
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 20.0 13.4 20.0



#26
2-Nitrophenol
Concen: 40.28 ng
RT: 10.05 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion: 139 Resp: 40998
Ion Ratio Lower Upper
139 100
109 20.6 26.6 40.0#
65 38.2 45.3 67.9#

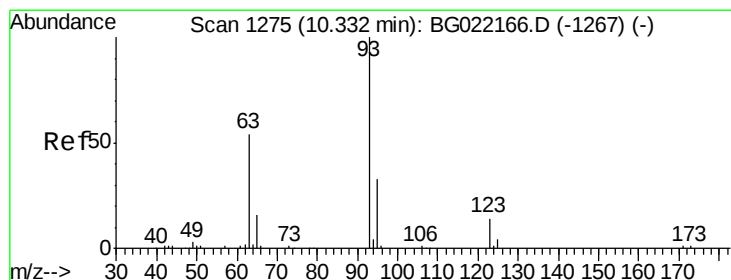
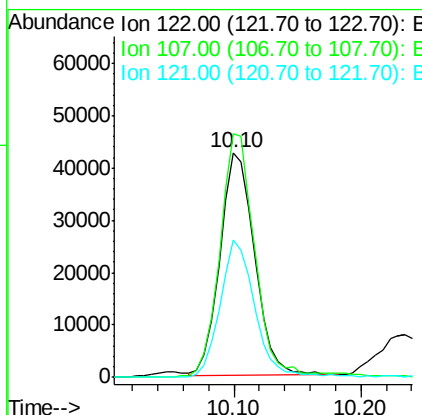
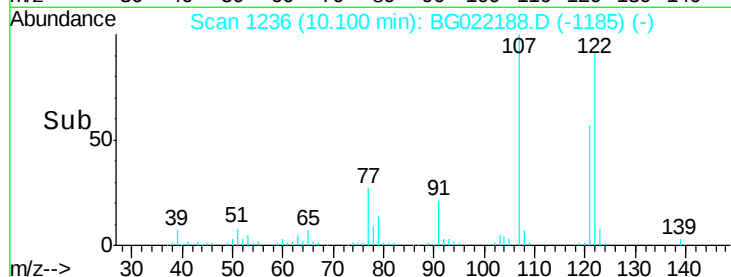
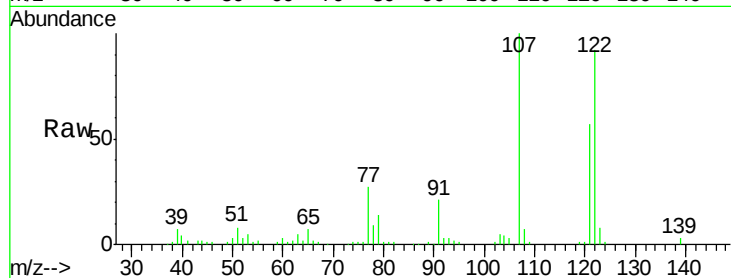




#27
 2,4-Dimethylphenol
 Concen: 43.74 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

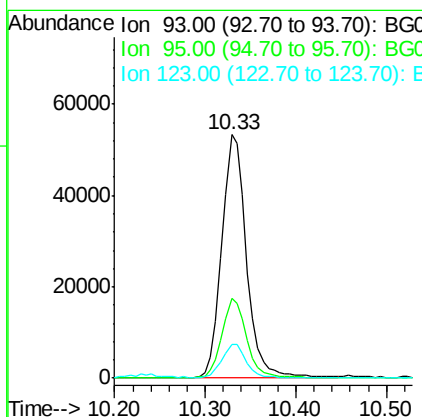
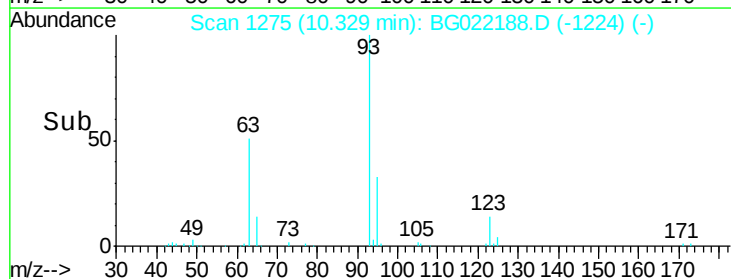
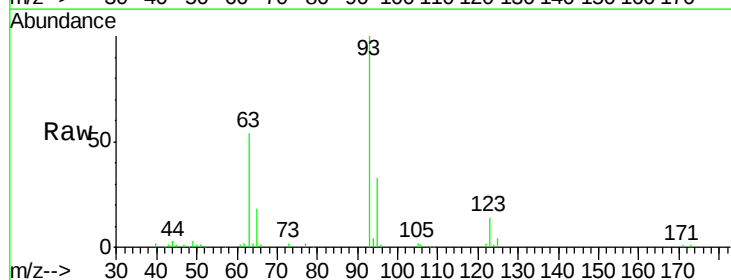
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

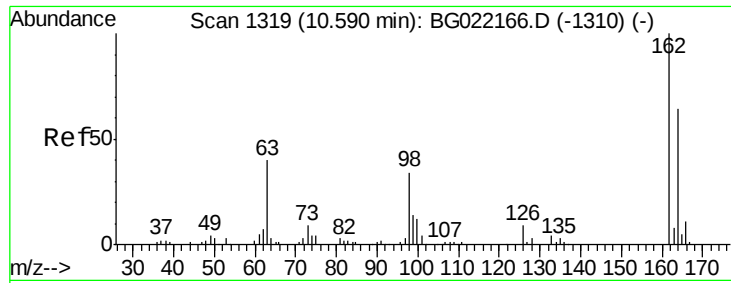
Tgt Ion: 122 Resp: 80575
 Ion Ratio Lower Upper
 122 100
 107 108.3 97.2 145.8
 121 61.3 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.33 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion: 93 Resp: 100895
 Ion Ratio Lower Upper
 93 100
 95 32.7 30.1 45.1
 123 13.9 10.2 15.4

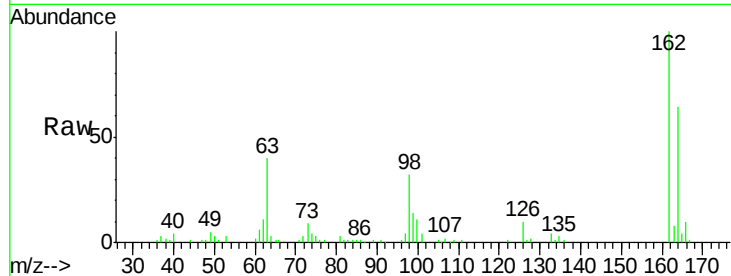




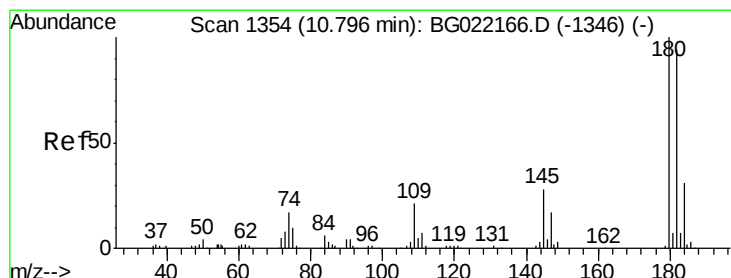
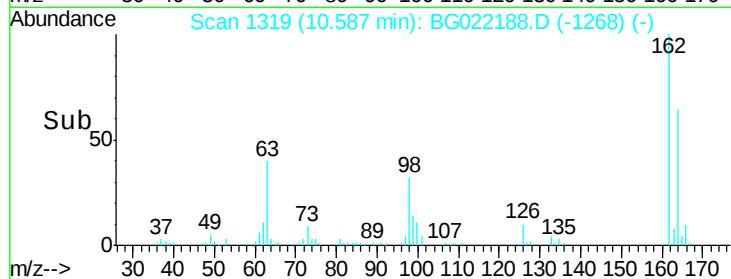
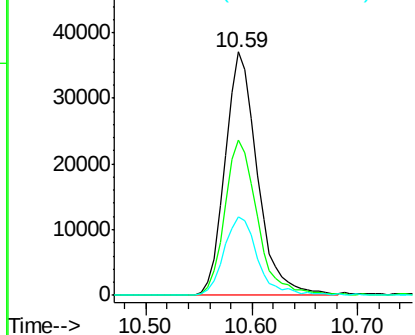
#29
 2,4-Dichlorophenol
 Concen: 46.13 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	32.3	19.2	59.2

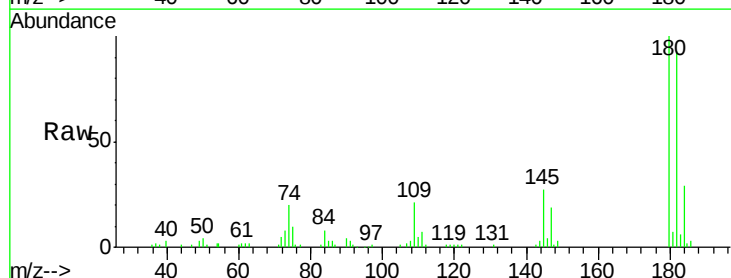


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

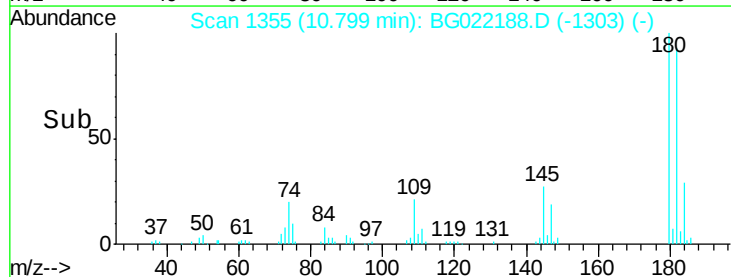
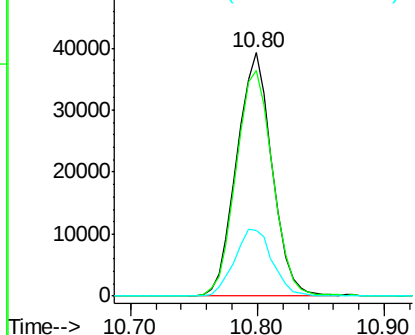


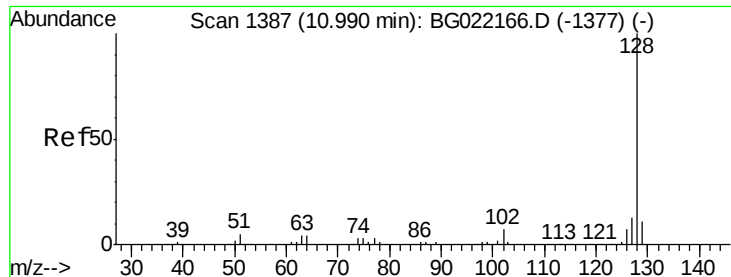
#30
 1,2,4-Trichlorobenzene
 Concen: 39.76 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	82.3	123.5
145	27.1	24.4	36.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

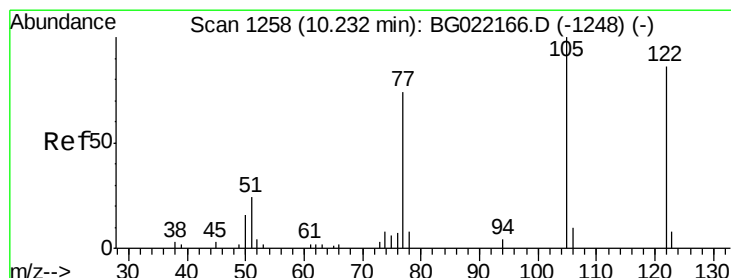
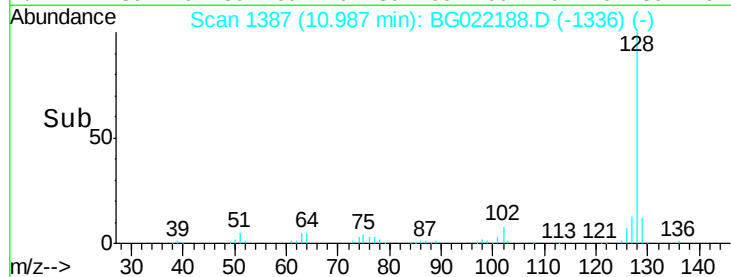
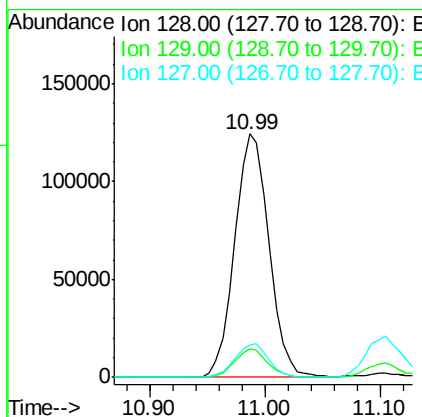
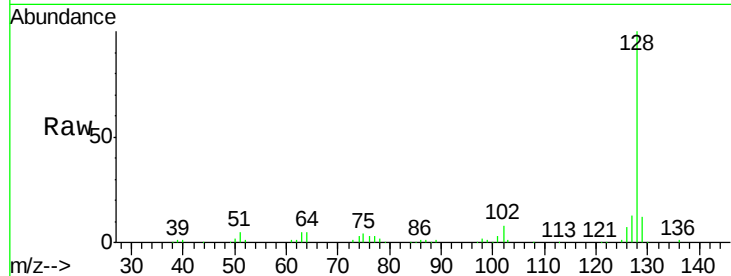




#31
Naphthalene
Concen: 39.49 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

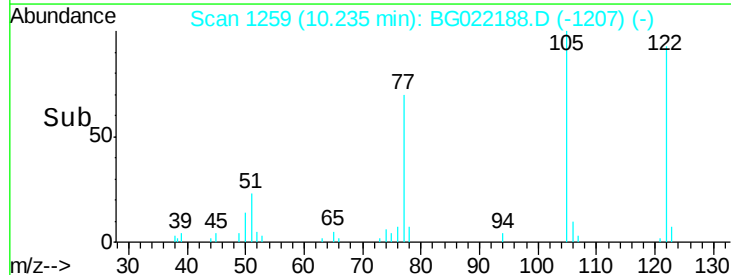
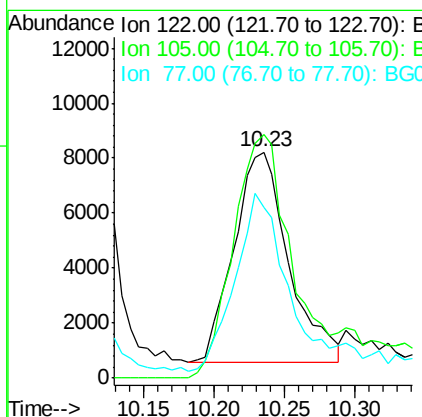
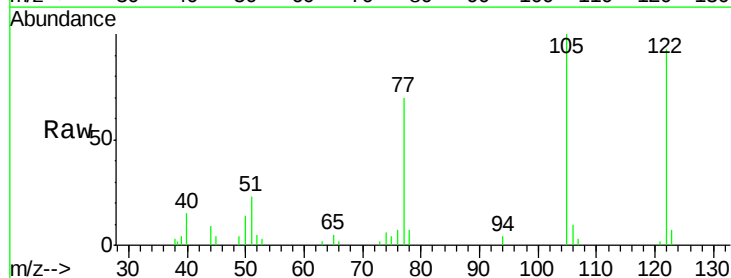
Instrument :
BNA_G
ClientSampleId :
PB91120BS

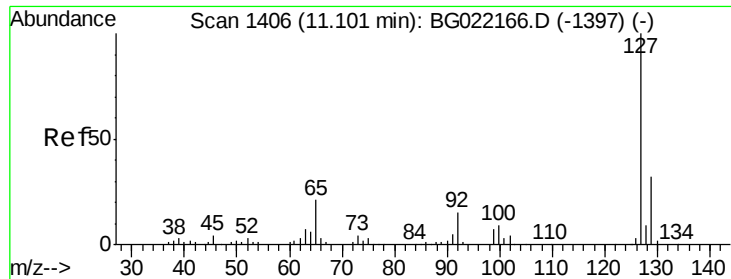
Tgt Ion:128 Resp: 256498
Ion Ratio Lower Upper
128 100
129 11.9 7.0 10.6#
127 13.1 10.1 15.1



#32
Benzoic acid
Concen: 37.17 ng
RT: 10.23 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:122 Resp: 20661
Ion Ratio Lower Upper
122 100
105 107.9 104.5 144.5
77 75.8 79.9 119.9#

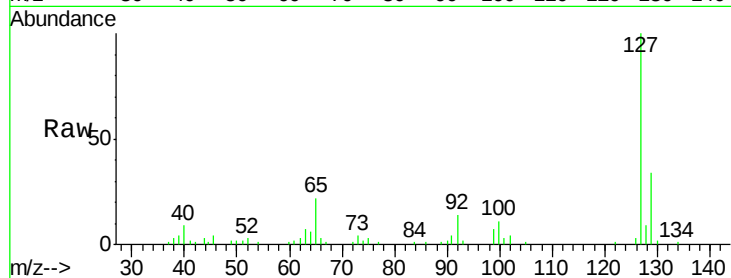




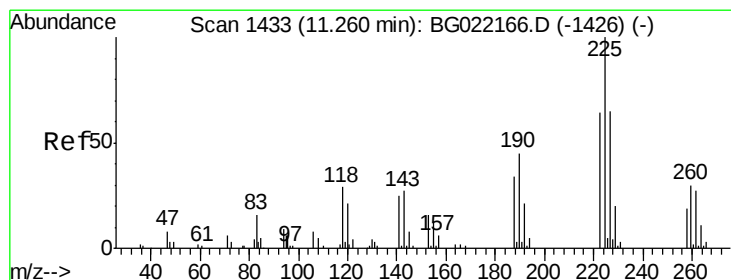
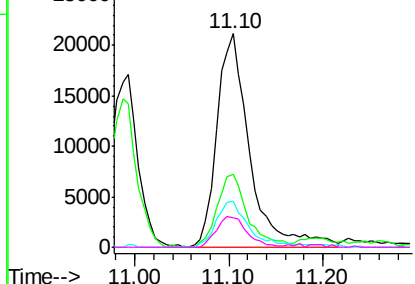
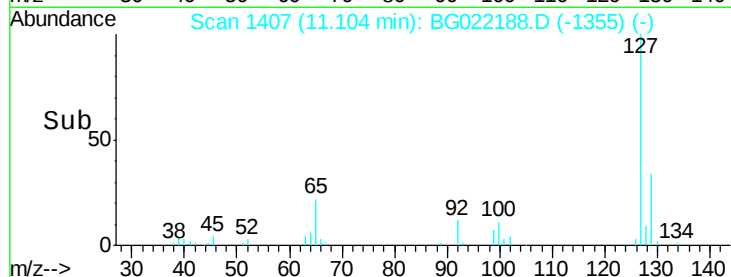
#33
4-Chloroaniline
Concen: 19.09 ng
RT: 11.10 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Instrument :
BNA_G
ClientSampleId :
PB91120BS

Tgt Ion:127 Resp: 51556
Ion Ratio Lower Upper
127 100
129 34.0 26.6 39.8
65 21.6 27.5 41.3#
92 14.0 14.7 22.1#

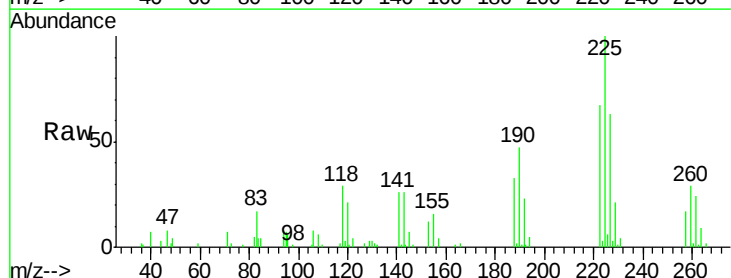


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

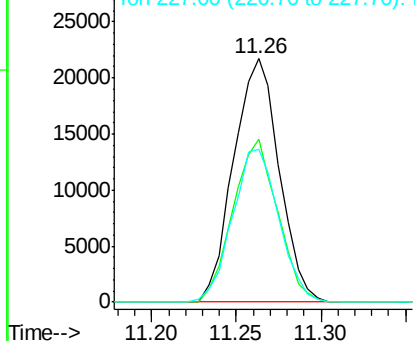
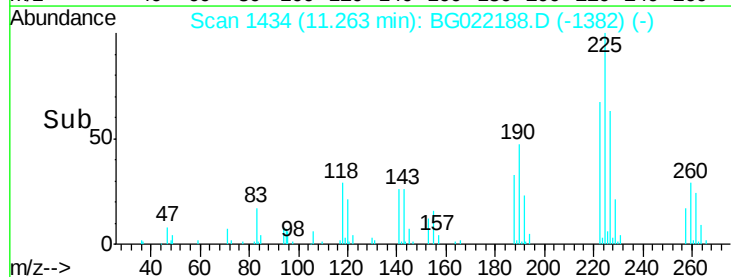


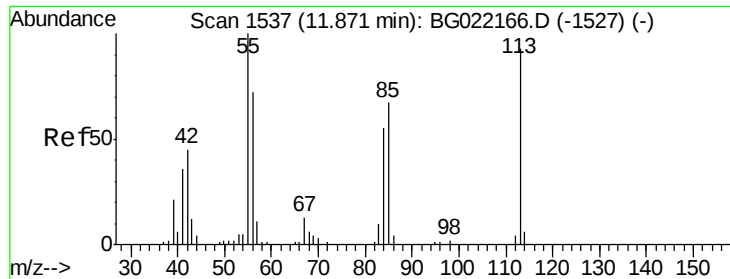
#34
Hexachlorobutadiene
Concen: 39.88 ng
RT: 11.26 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:225 Resp: 40827
Ion Ratio Lower Upper
225 100
223 63.3 52.7 79.1
227 61.7 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: 15.55 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

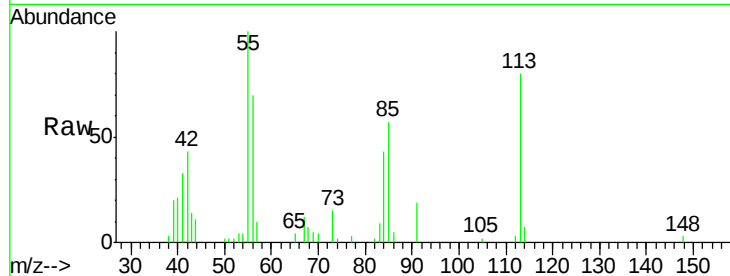
Tgt Ion:113 Resp: 14560

Ion Ratio Lower Upper

113 100

55 125.3 194.2 234.2#

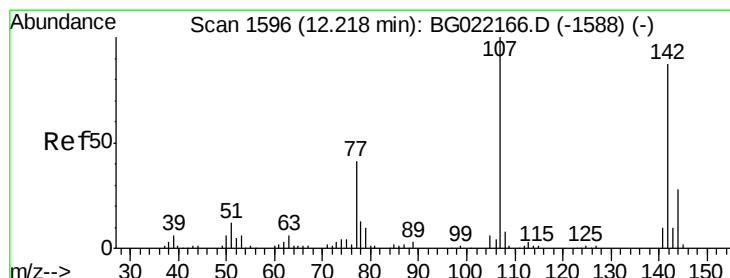
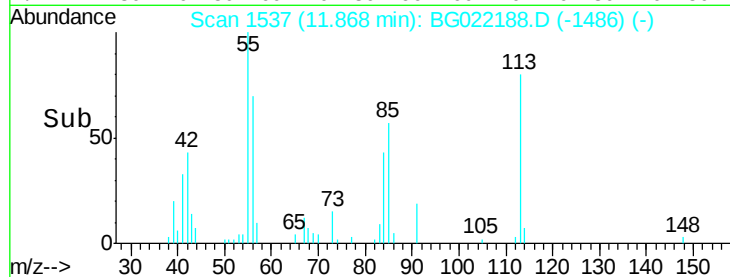
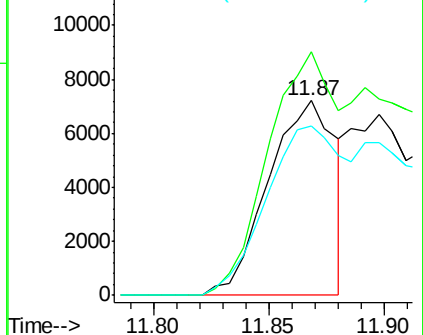
56 87.3 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.49 ng

RT: 12.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

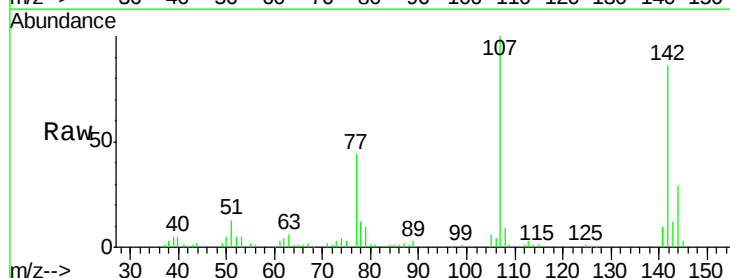
Tgt Ion:107 Resp: 85946

Ion Ratio Lower Upper

107 100

144 29.2 19.2 28.8#

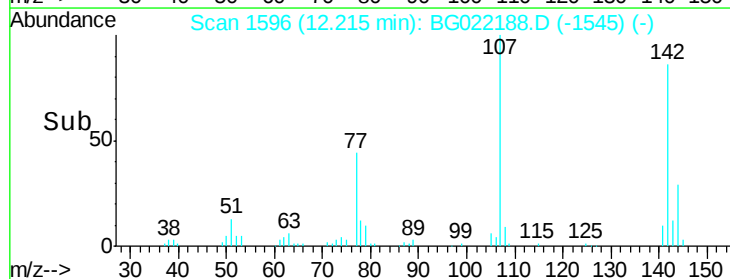
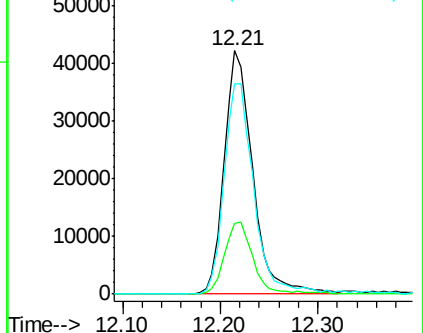
142 86.2 59.1 88.7

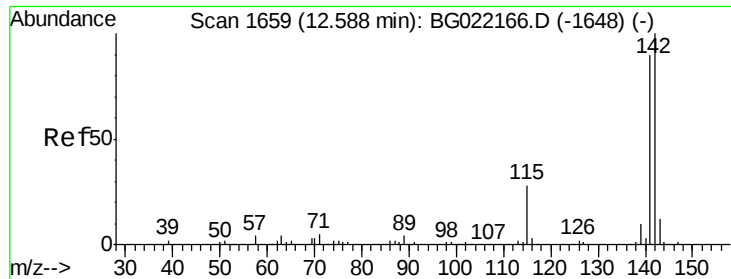


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

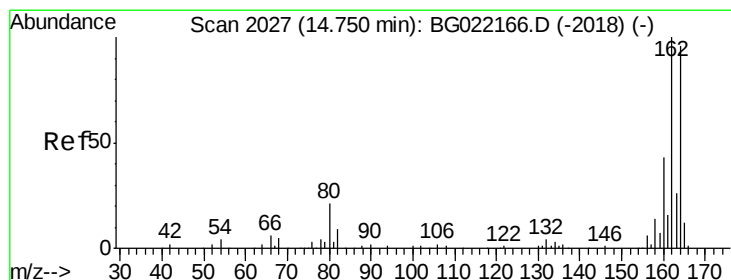
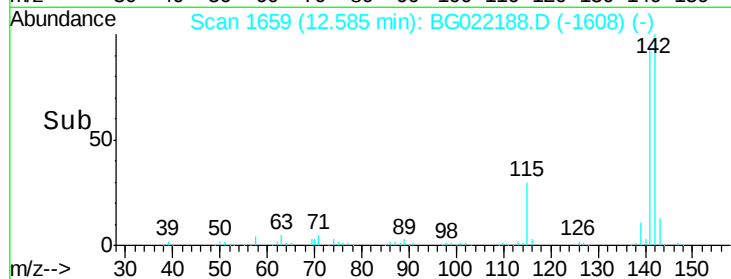
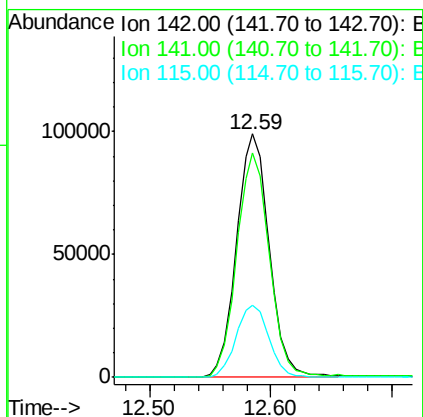
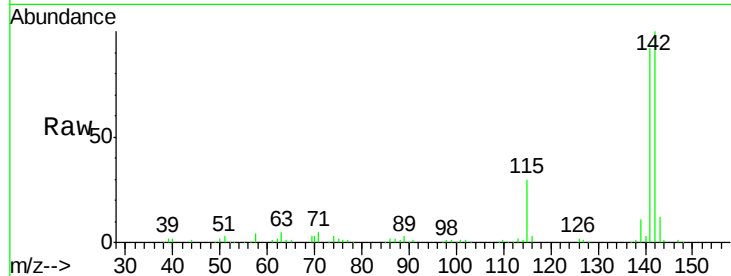




#37
2-Methylnaphthalene
Concen: 39.05 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

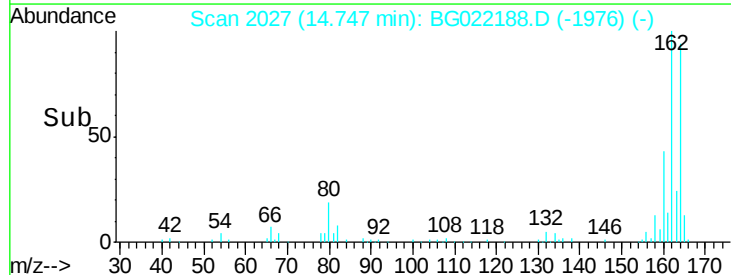
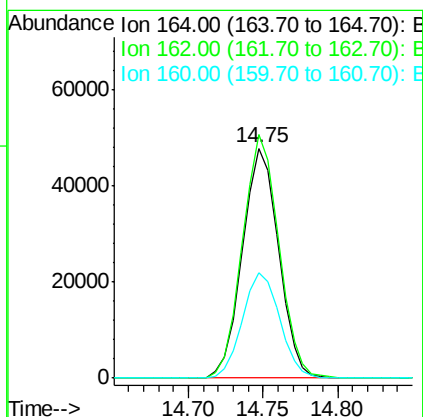
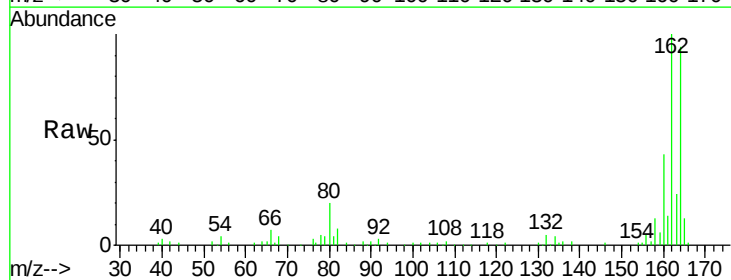
Instrument :
BNA_G
ClientSampleId :
PB91120BS

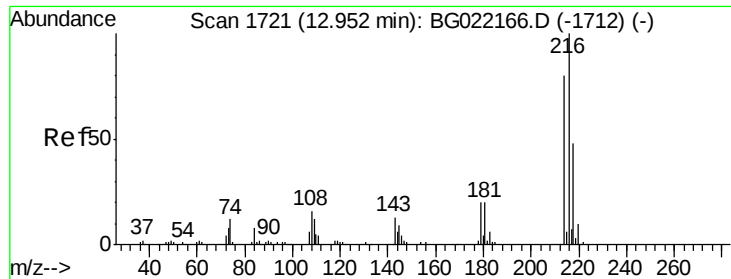
Tgt Ion:142 Resp: 187224
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.0
115 29.6 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:164 Resp: 80116
Ion Ratio Lower Upper
164 100
162 105.9 78.0 117.0
160 45.7 32.9 49.3

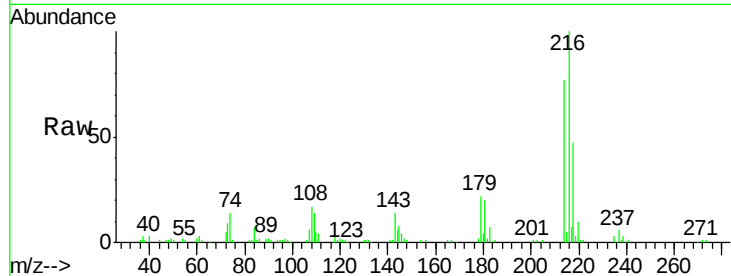




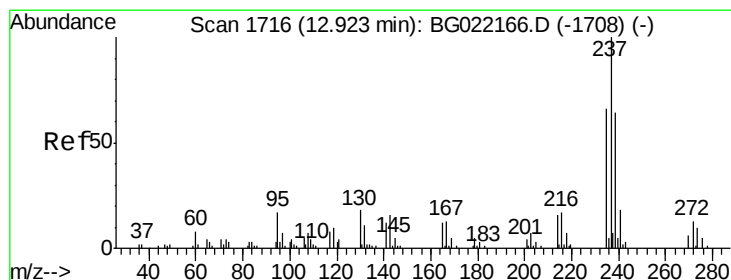
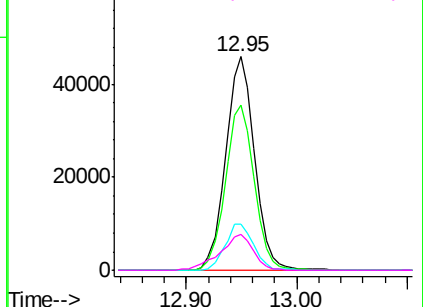
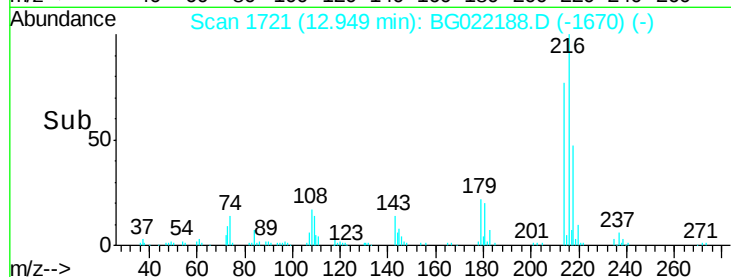
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.71 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

Tgt Ion:216 Resp: 83948
 Ion Ratio Lower Upper
 216 100
 214 77.2 62.2 93.2
 179 21.2 16.7 25.1
 108 19.3 14.0 21.0

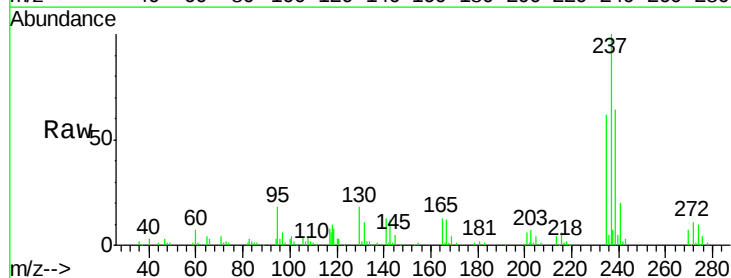


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

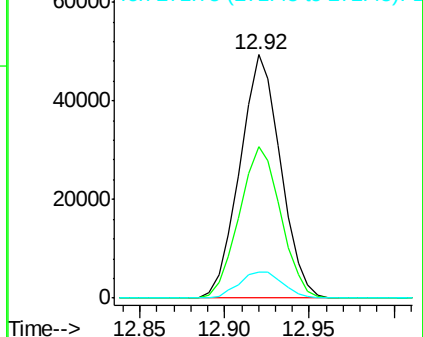
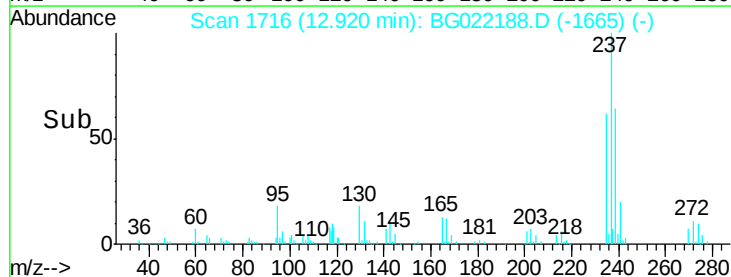


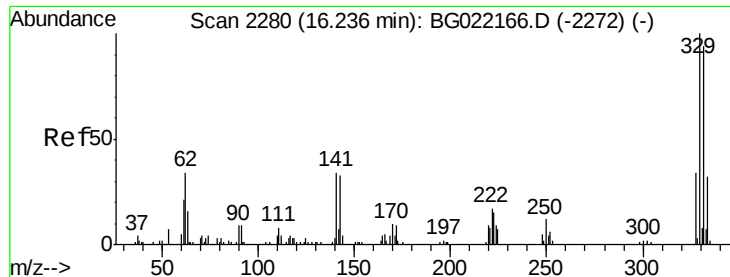
#40
 Hexachlorocyclopentadiene
 Concen: 78.63 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:237 Resp: 82580
 Ion Ratio Lower Upper
 237 100
 235 62.2 43.2 83.2
 272 10.9 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

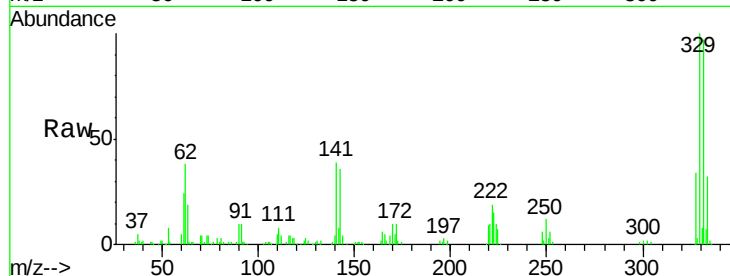




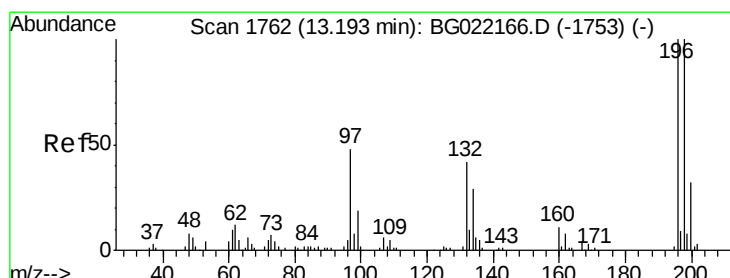
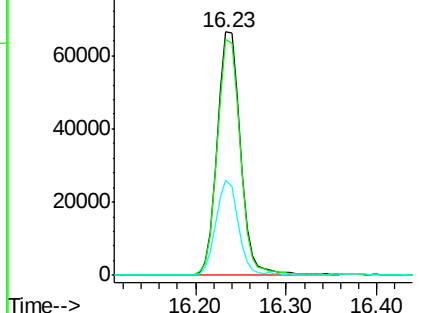
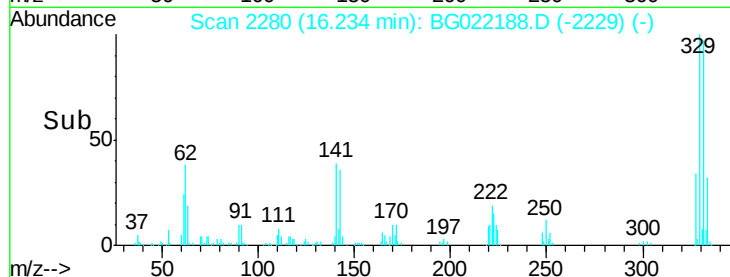
#41
 2,4,6-Tribromophenol
 Concen: 131.08 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	37.9	33.8	50.8

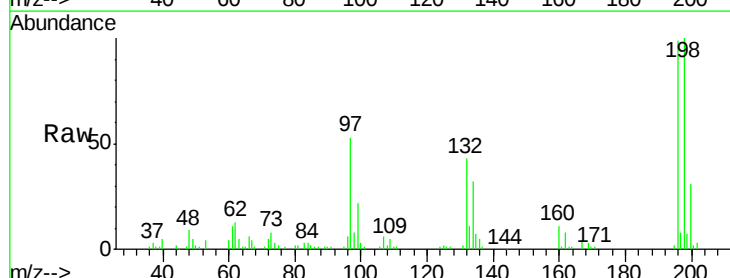


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

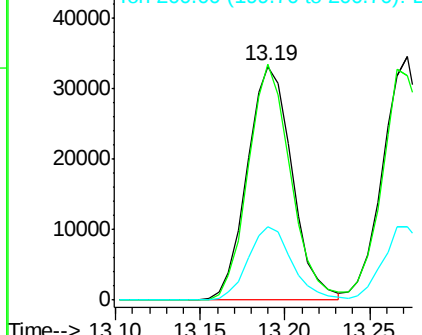
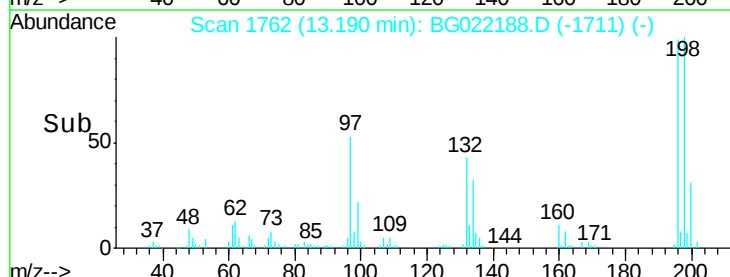


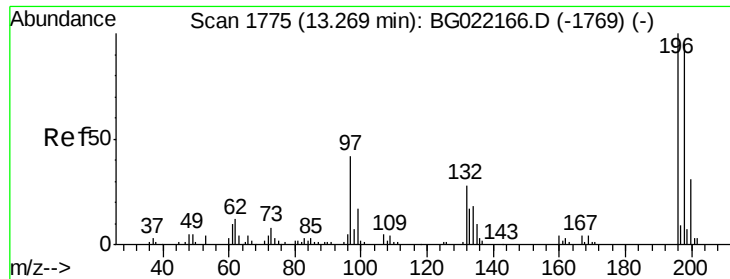
#42
 2,4,6-Trichlorophenol
 Concen: 44.24 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	80.1	120.1
200	33.8	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

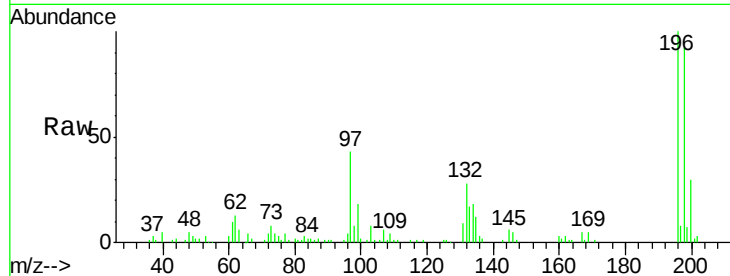




#43
 2,4,5-Trichlorophenol
 Concen: 43.35 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Instrument :
 BNA_G
 ClientSampleID :
 PB91120BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	78.0	117.0
97	43.3	43.0	64.6
132	27.5	23.0	34.4



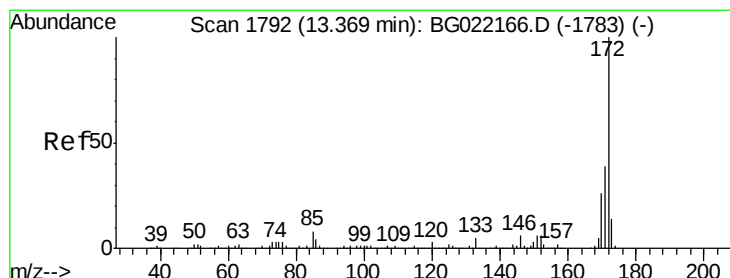
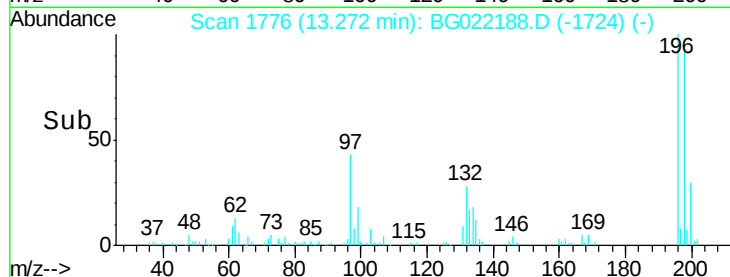
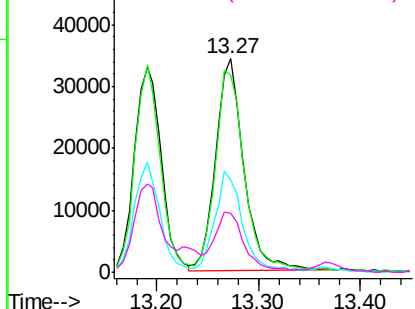
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

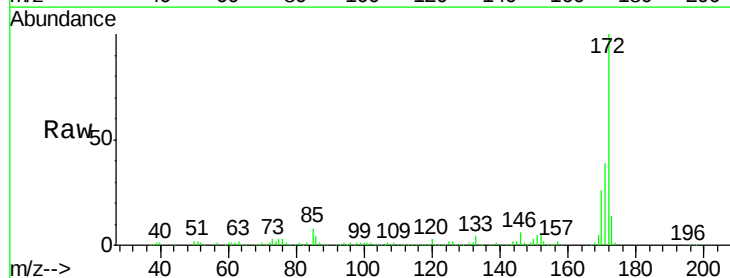
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	27.8	41.6
170	26.0	19.6	29.4

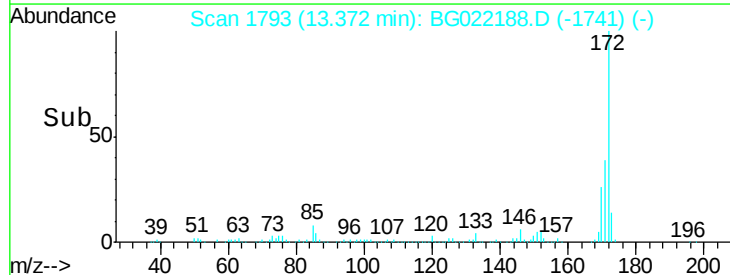
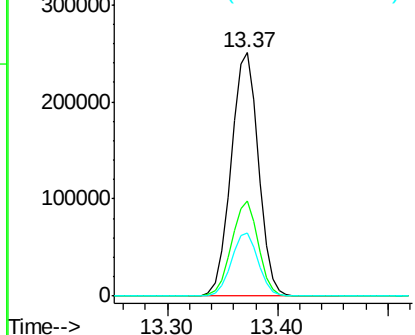


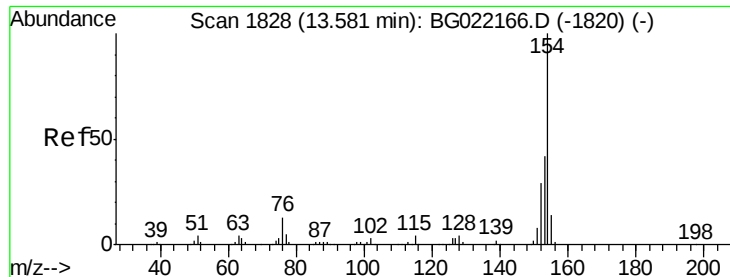
Abundance

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

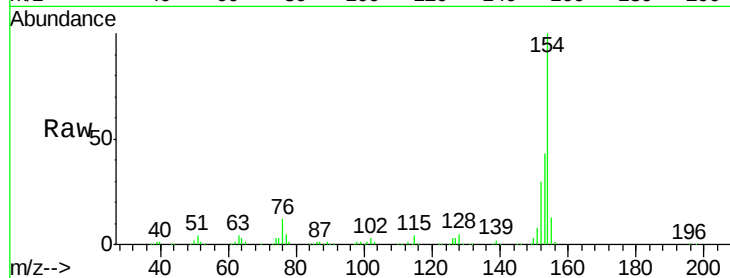




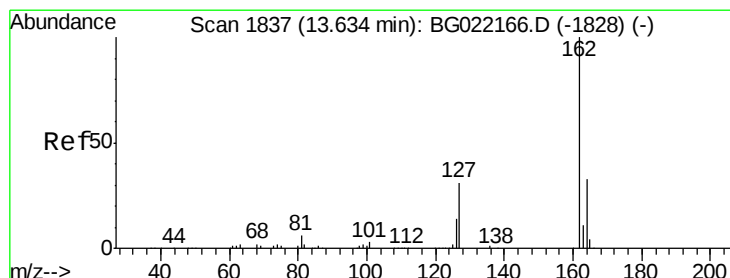
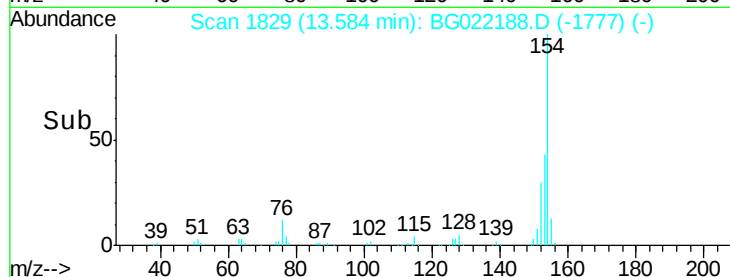
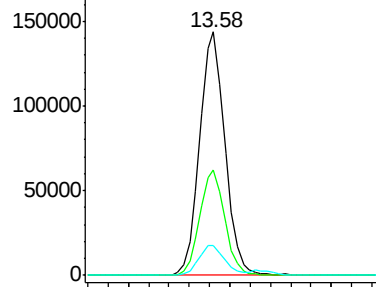
#45
 1,1'-Biphenyl
 Concen: 41.31 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.7	59.7
76	12.2	0.0	33.0

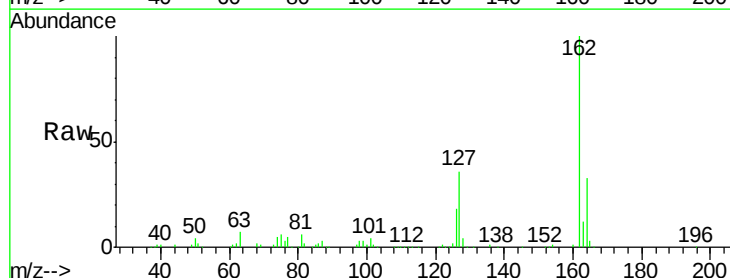


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

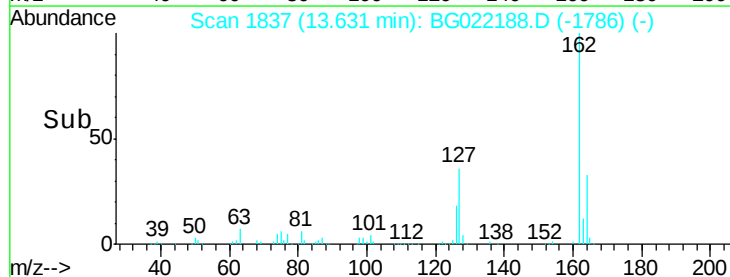
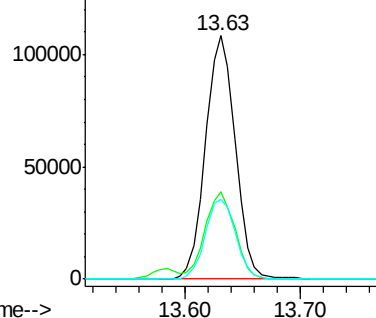


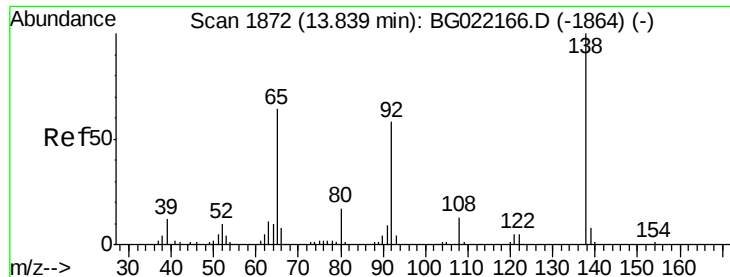
#46
 2-Chloronaphthalene
 Concen: 41.93 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.9	32.0	48.0
164	32.6	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

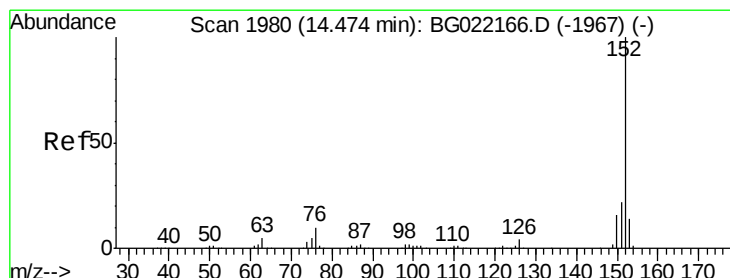
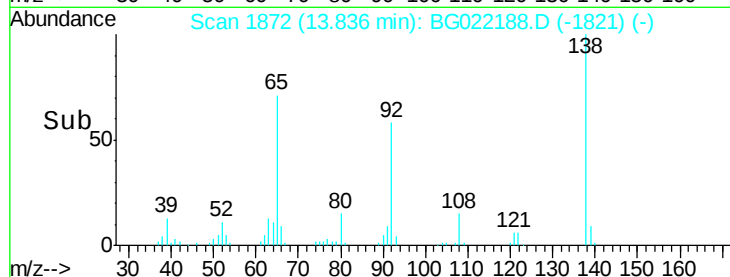
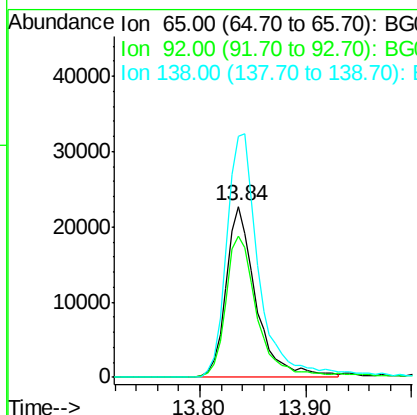
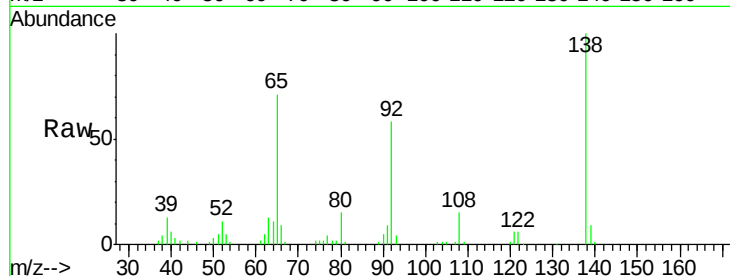




#47
 2-Nitroaniline
 Concen: 40.37 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

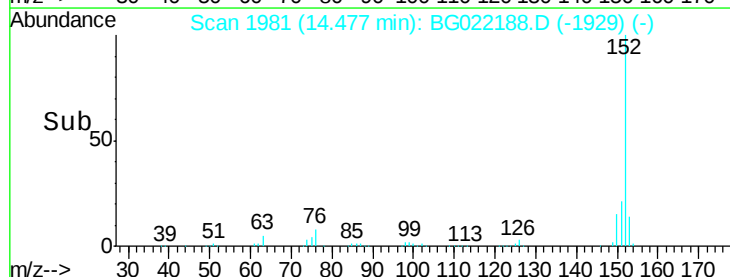
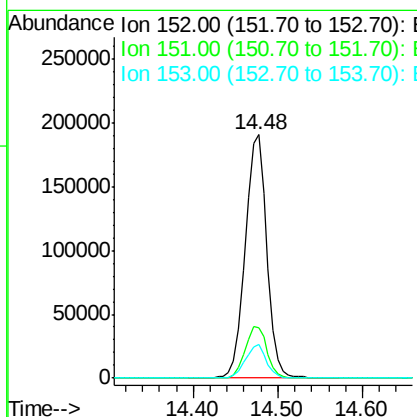
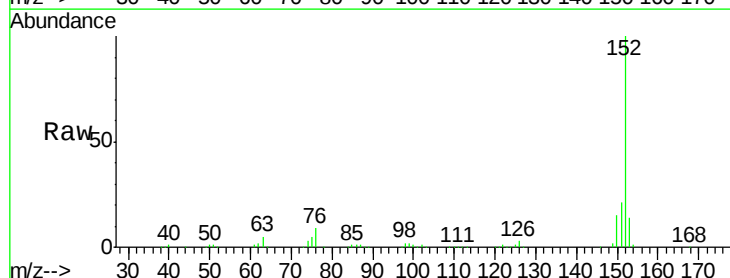
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

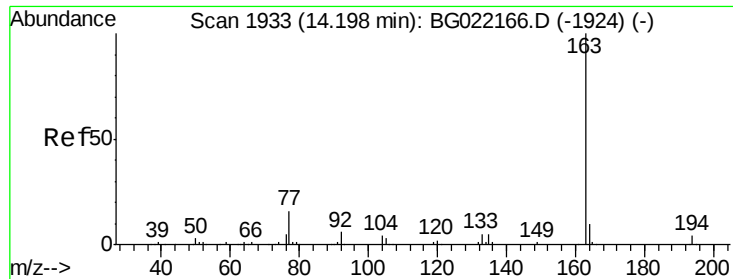
Tgt Ion: 65 Resp: 44494
 Ion Ratio Lower Upper
 65 100
 92 82.1 49.2 73.8#
 138 140.7 75.0 112.6#



#48
 Acenaphthylene
 Concen: 41.63 ng
 RT: 14.48 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion: 152 Resp: 337612
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 24.8
 153 13.9 10.2 15.2





#49

Dimethylphthalate

Concen: 40.27 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

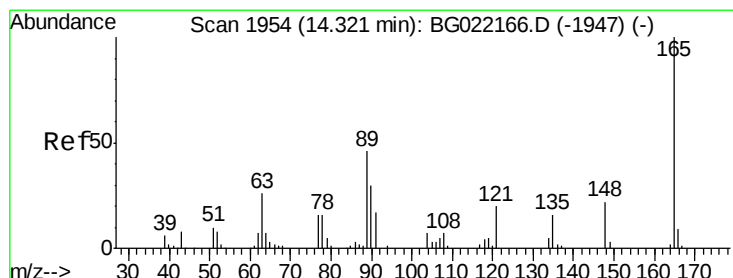
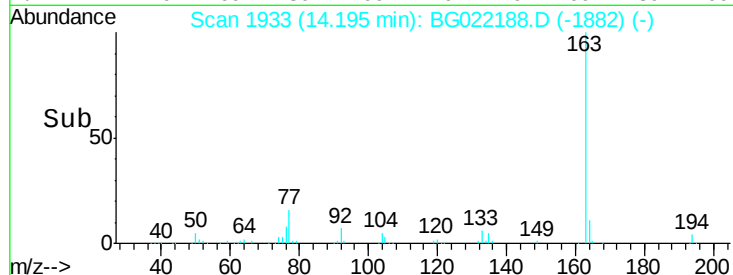
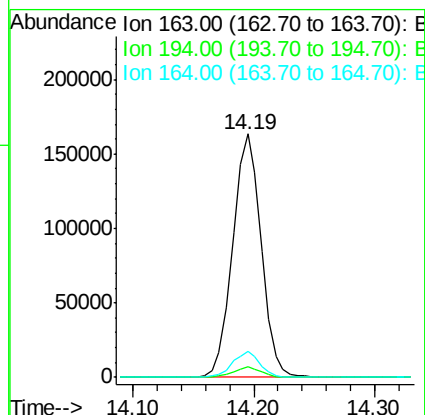
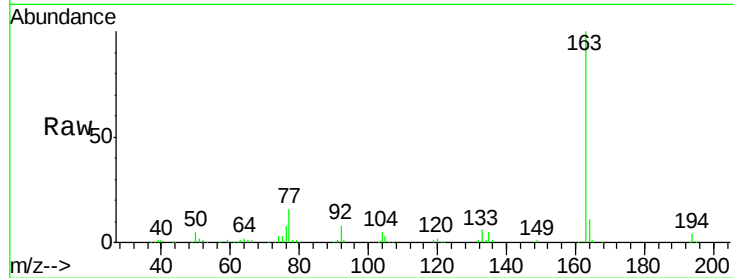
Instrument :

BNA_G

ClientSampleId :

PB91120BS

Tgt Ion:	163	Resp:	267509
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: 42.00 ng

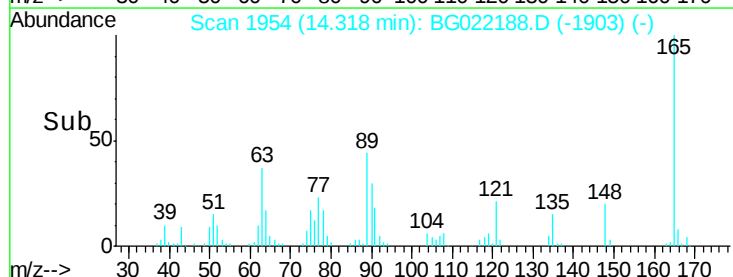
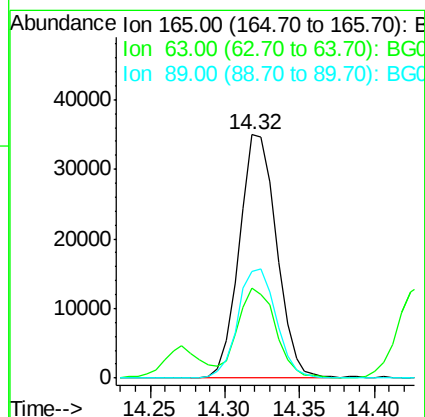
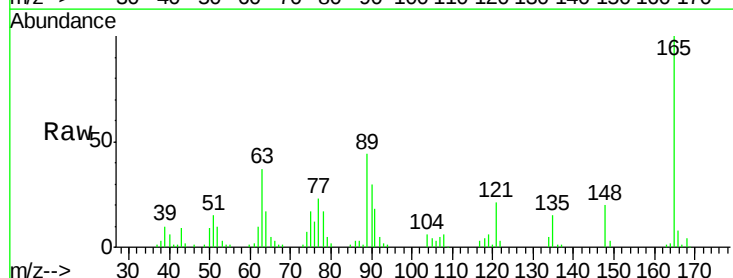
RT: 14.32 min Scan# 1954

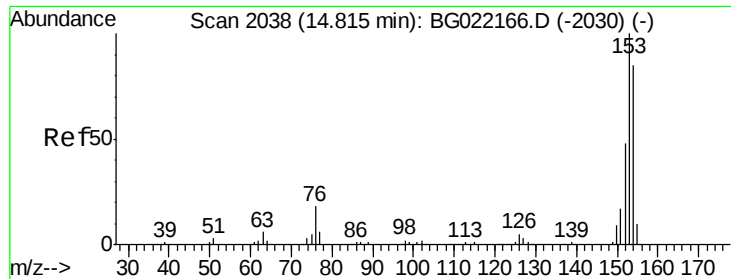
Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Tgt Ion:	165	Resp:	60655
Ion Ratio	Lower	Upper	
165	100		
63	36.9	48.2	72.4#
89	43.8	45.3	67.9#





#51

Acenaphthene

Concen: 40.84 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

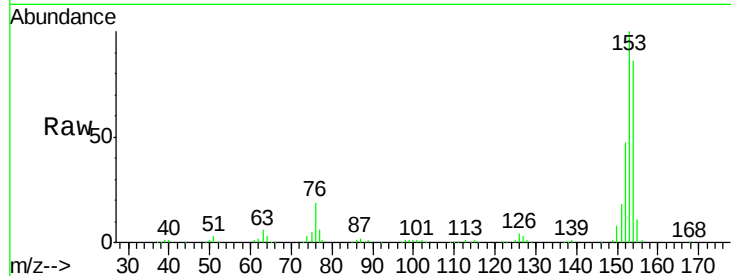
Tgt Ion:154 Resp: 198399

Ion Ratio Lower Upper

154 100

153 116.2 91.9 137.9

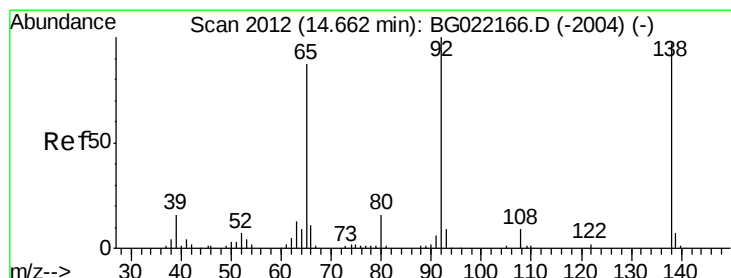
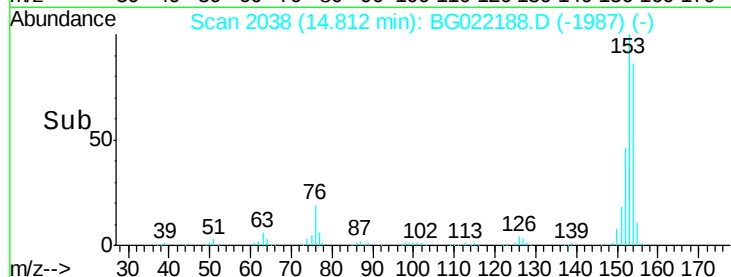
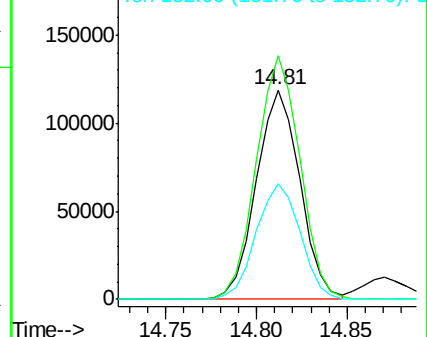
152 55.1 42.0 63.0



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: 22.71 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

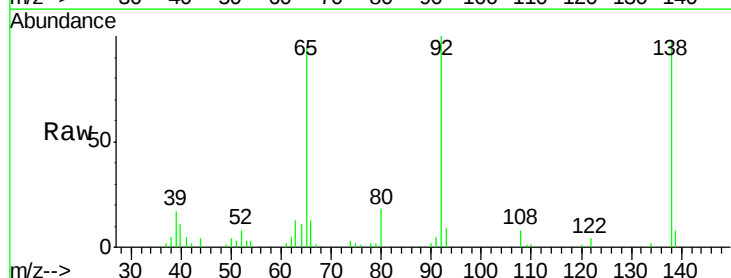
Tgt Ion:138 Resp: 36367

Ion Ratio Lower Upper

138 100

108 8.4 9.1 13.7#

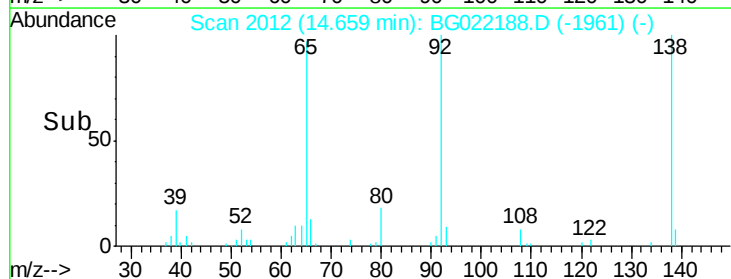
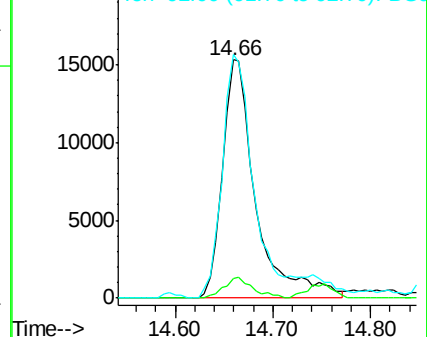
92 102.3 102.6 154.0#

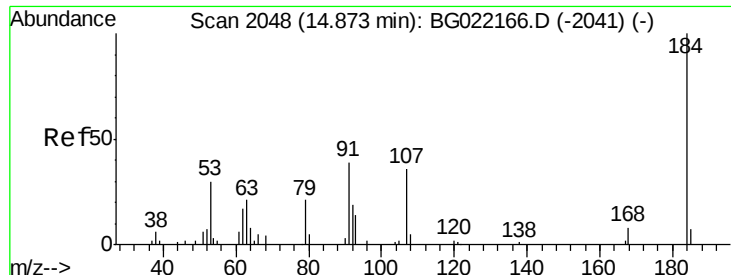


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

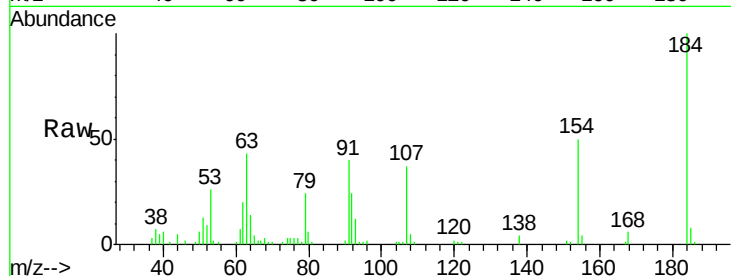




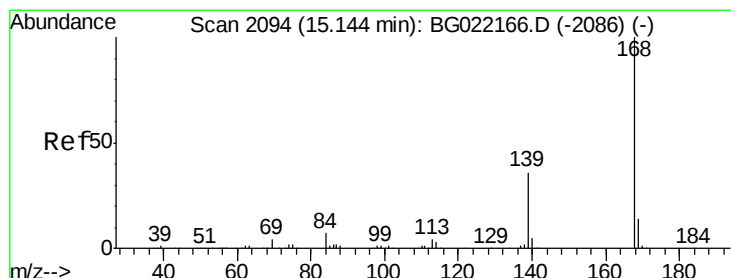
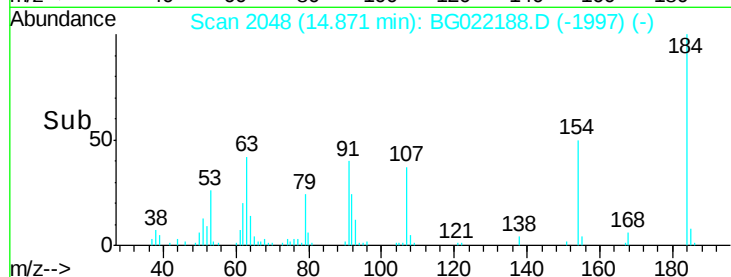
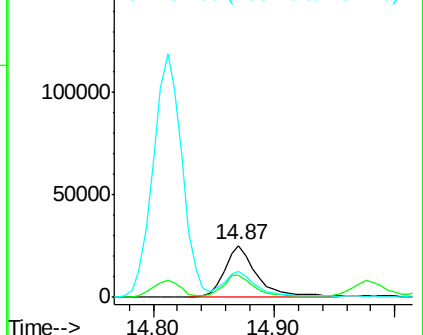
#53
2,4-Dinitrophenol
Concen: 79.91 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Instrument :
BNA_G
ClientSampleId :
PB91120BS

Tgt Ion:184 Resp: 47114
Ion Ratio Lower Upper
184 100
63 43.0 57.3 85.9#
154 50.3 55.2 82.8#

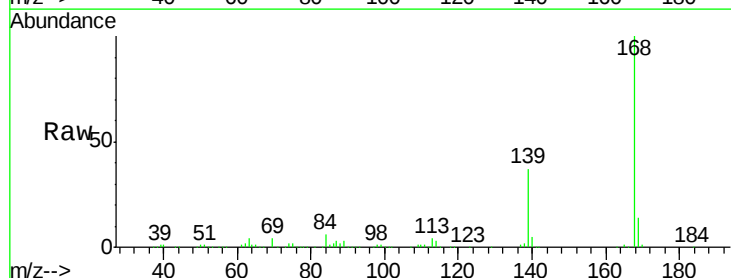


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

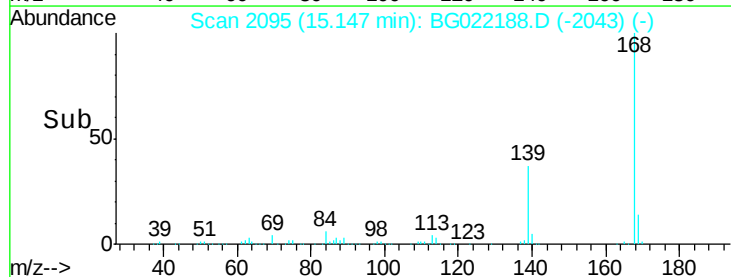
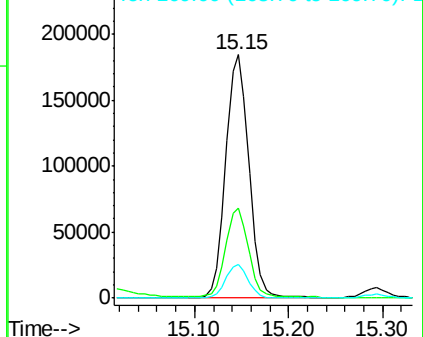


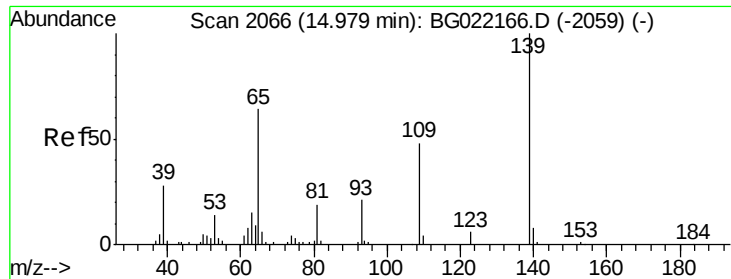
#54
Dibenzofuran
Concen: 41.73 ng
RT: 15.15 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:168 Resp: 316374
Ion Ratio Lower Upper
168 100
139 37.0 31.1 46.7
169 13.6 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

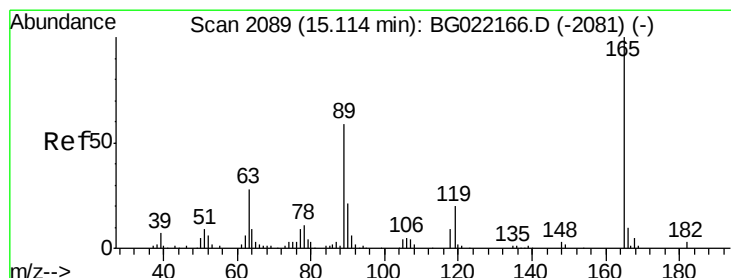
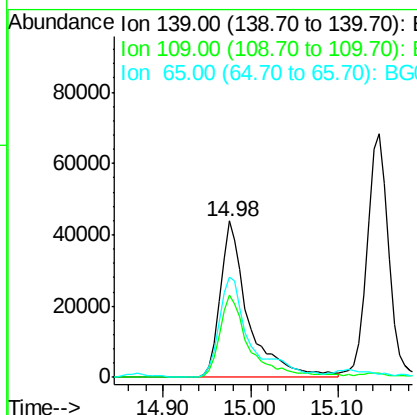
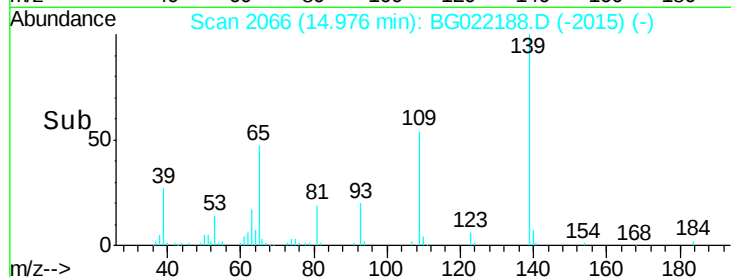
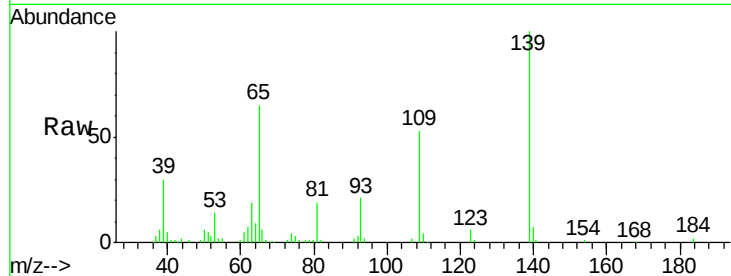




#55
 4-Nitrophenol
 Concen: 88.18 ng
 RT: 14.98 min Scan# 2066
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

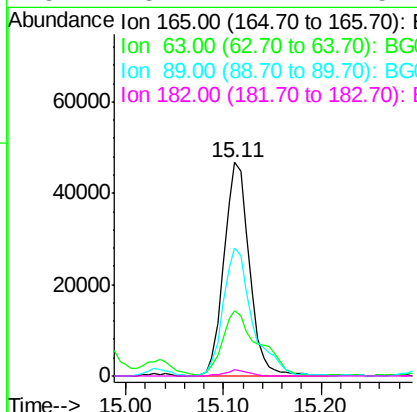
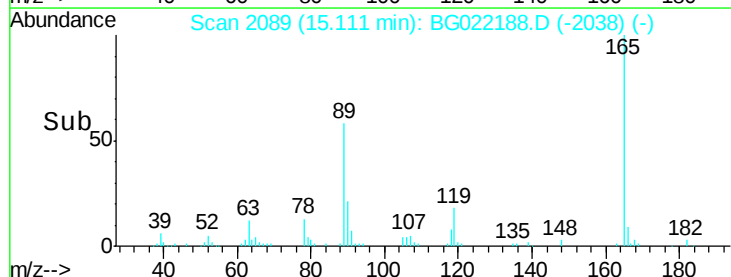
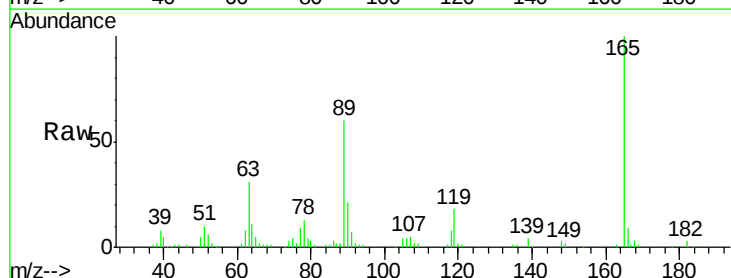
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

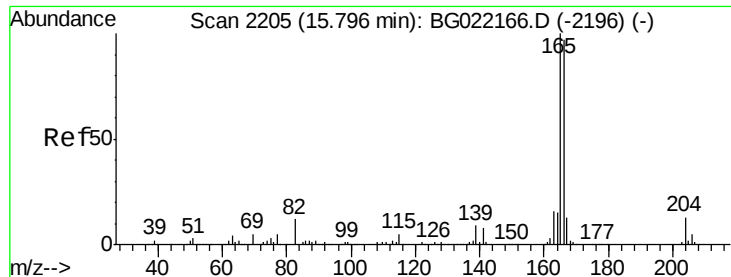
Tgt Ion:	139	Resp:	97468
Ion	Ratio	Lower	Upper
139	100		
109	53.0	49.2	89.2
65	64.5	83.2	123.2#



#56
 2,4-Dinitrotoluene
 Concen: 43.74 ng
 RT: 15.11 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:	165	Resp:	84725
Ion	Ratio	Lower	Upper
165	100		
63	30.6	37.4	56.0#
89	60.0	59.4	89.0
182	3.1	2.1	3.1

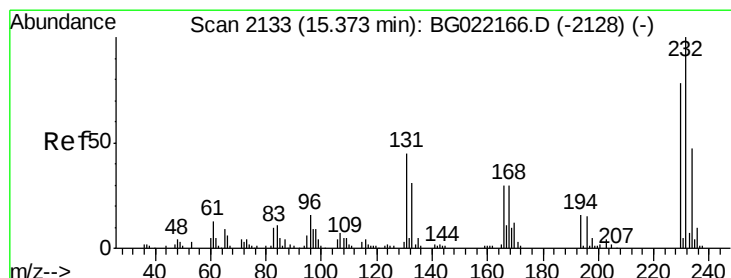
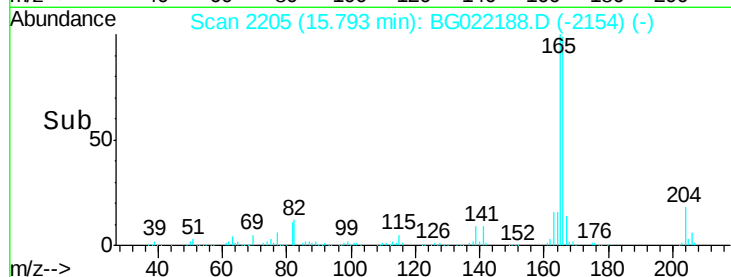
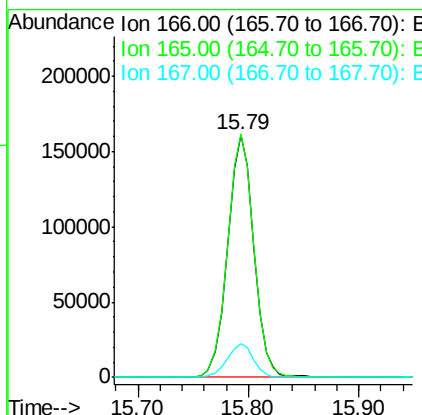
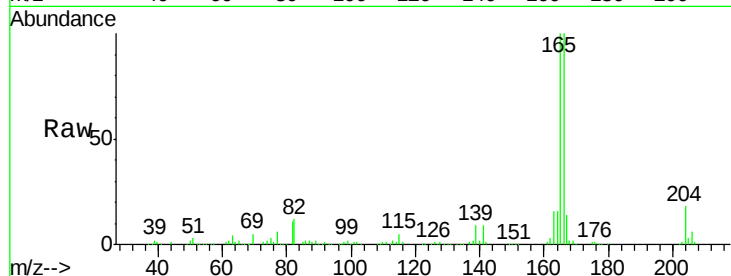




#57
Fluorene
 Concen: 40.79 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

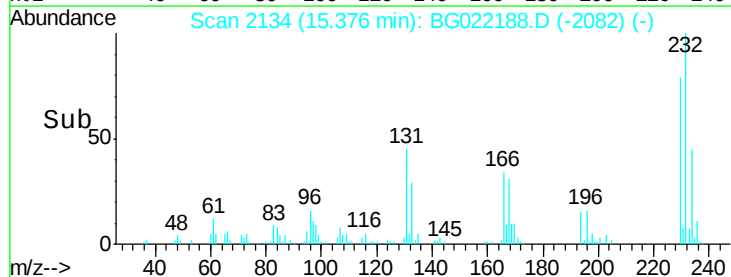
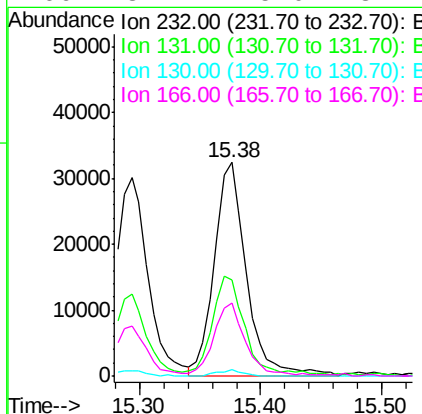
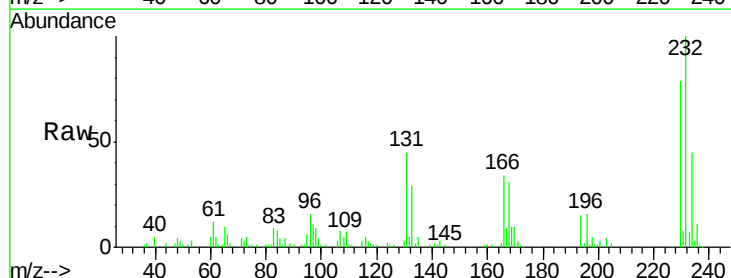
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

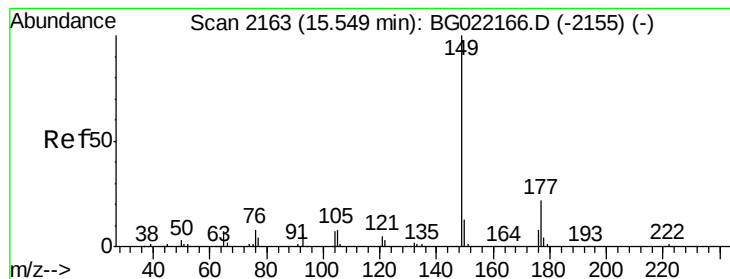
Tgt Ion:166 Resp: 266446
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.0 118.4
 167 13.7 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.51 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:232 Resp: 59654
 Ion Ratio Lower Upper
 232 100
 131 42.8 36.3 54.5
 130 2.2 1.9 2.9
 166 34.4 25.0 37.4





#59

Diethylphthalate

Concen: 40.36 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

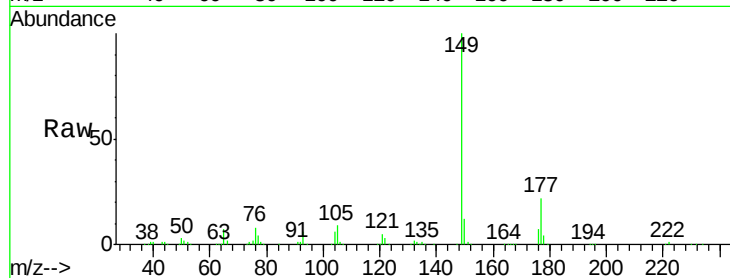
Tgt Ion:149 Resp: 286359

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

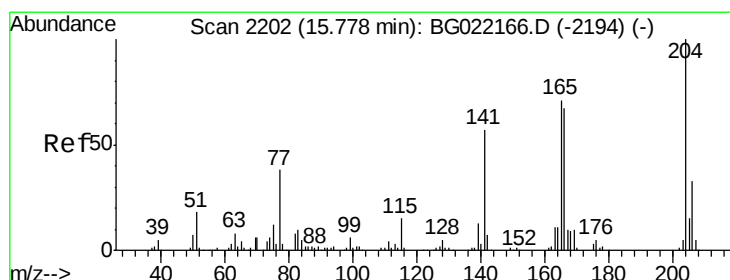
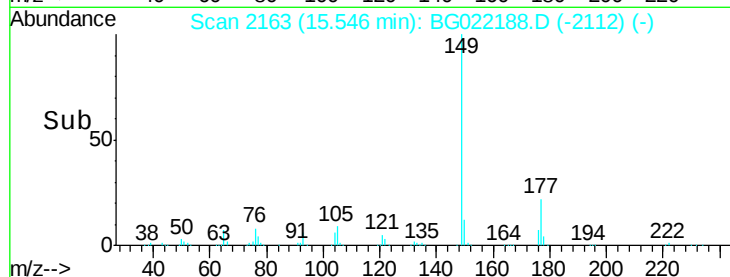
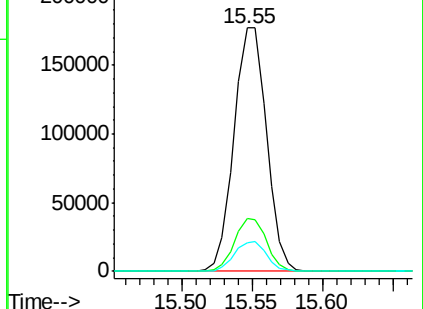
150 11.8 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.48 ng

RT: 15.78 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

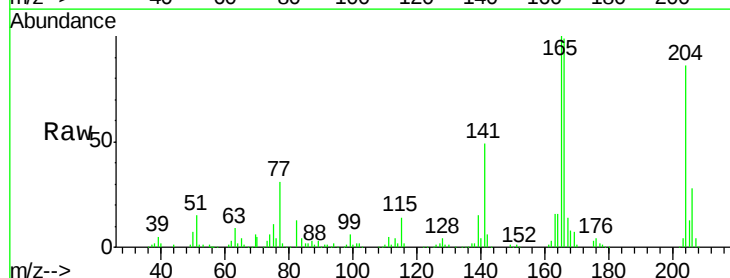
Tgt Ion:204 Resp: 122692

Ion Ratio Lower Upper

204 100

206 33.1 27.8 41.8

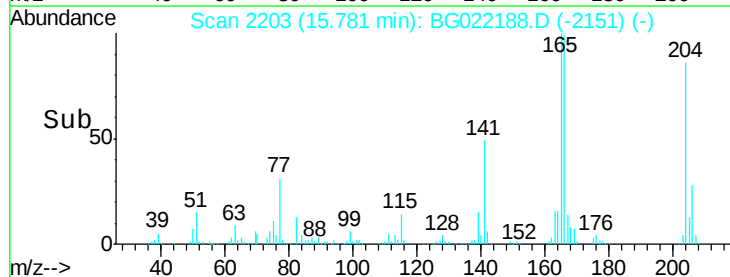
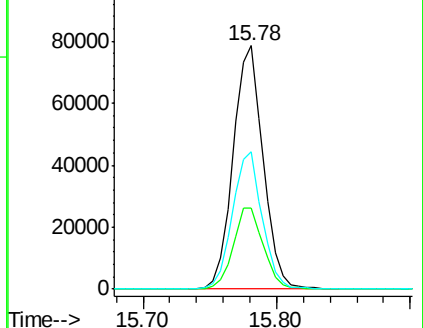
141 56.5 51.0 76.4

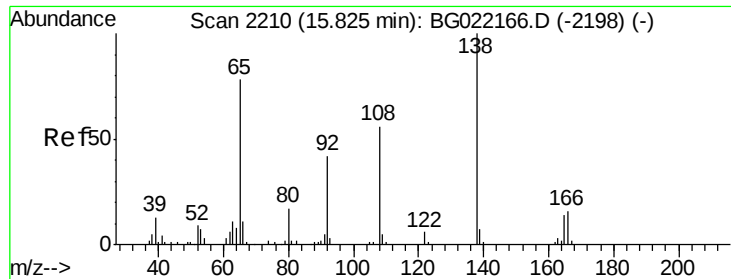


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

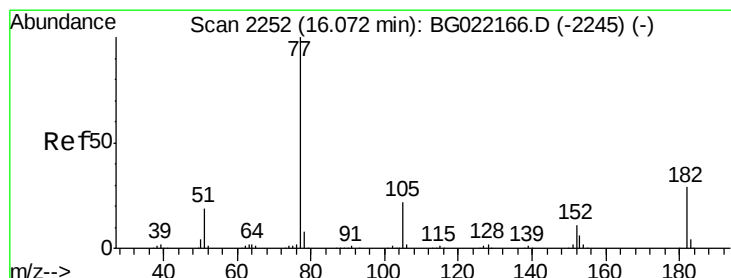
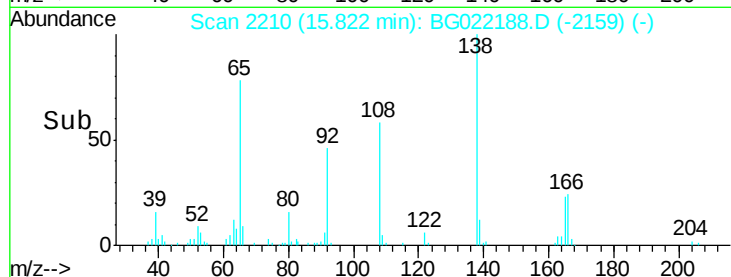
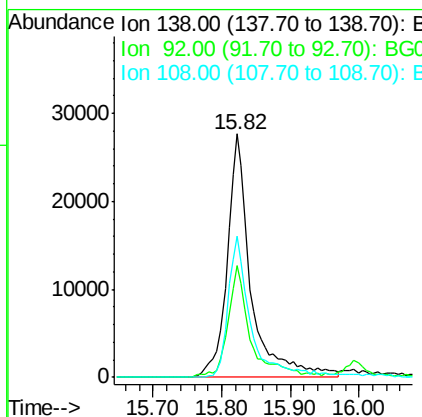
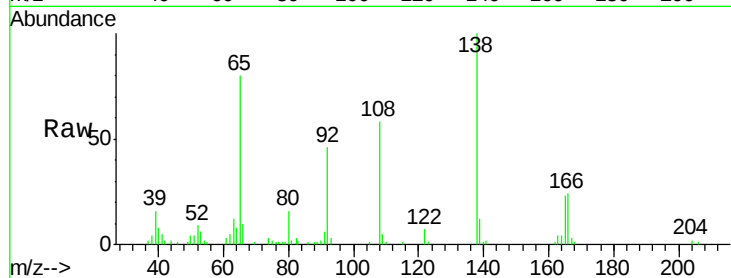




#61
4-Nitroaniline
Concen: 39.28 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

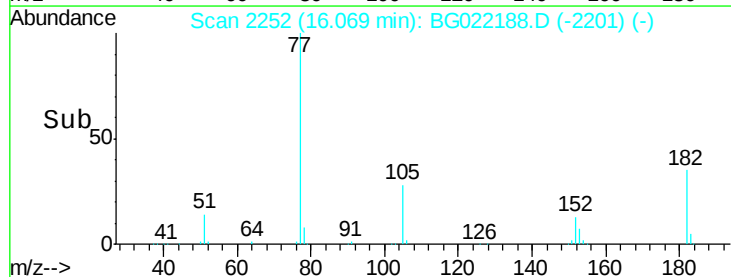
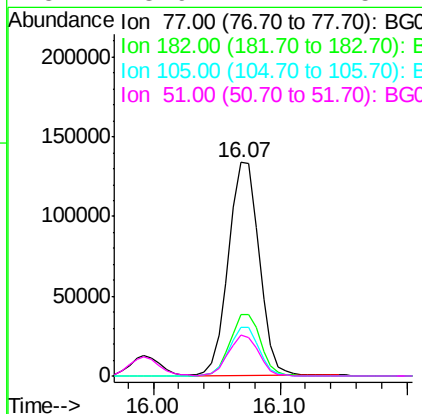
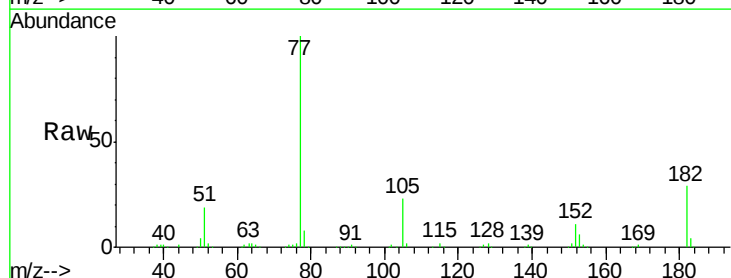
Instrument :
BNA_G
ClientSampleId :
PB91120BS

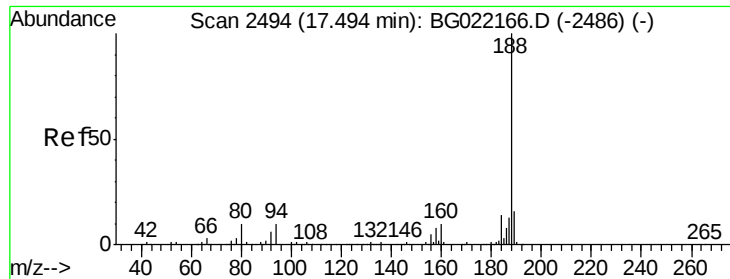
Tgt Ion:138 Resp: 66719
Ion Ratio Lower Upper
138 100
92 45.8 37.7 77.7
108 58.0 59.4 99.4#



#62
Azobenzene
Concen: 41.71 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion: 77 Resp: 224155
Ion Ratio Lower Upper
77 100
182 28.5 4.1 44.1
105 22.7 0.0 39.8
51 18.9 11.1 51.1

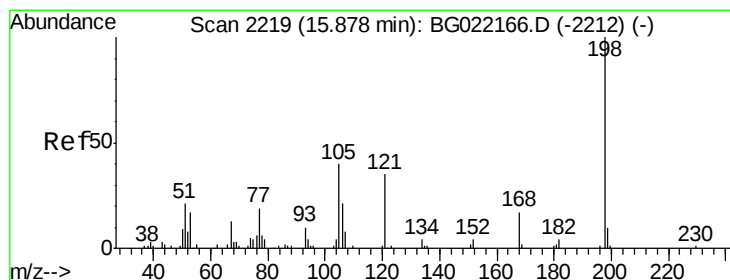
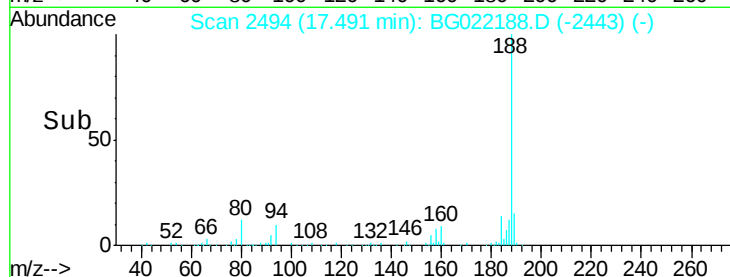
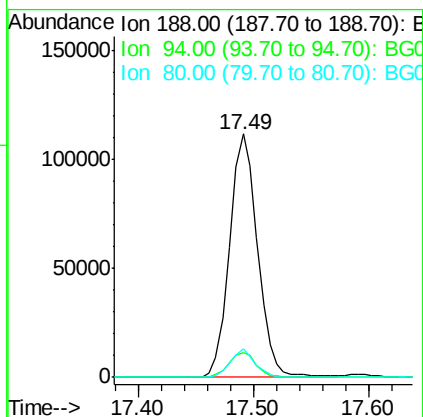
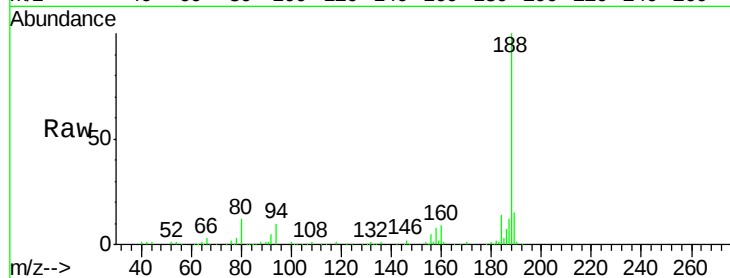




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

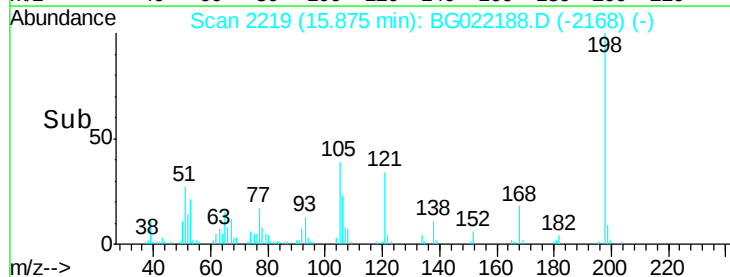
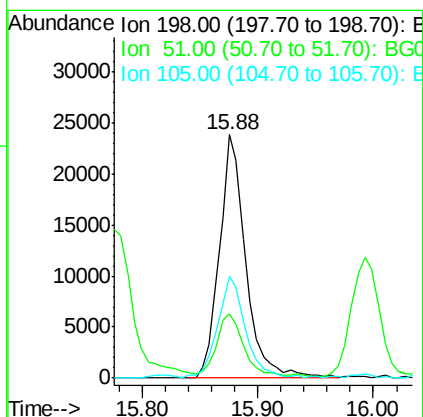
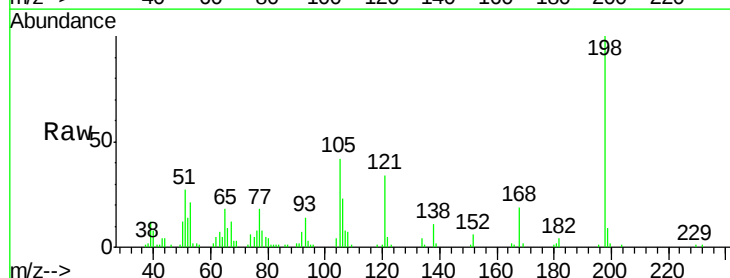
Instrument :
BNA_G
ClientSampleId :
PB91120BS

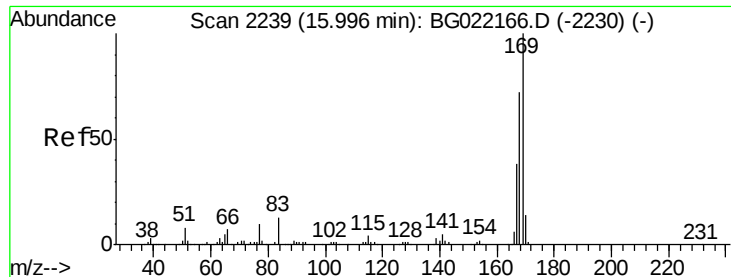
Tgt Ion:188 Resp: 187550
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.6 8.6 13.0



#64
4,6-Dinitro-2-methylphenol
Concen: 40.64 ng
RT: 15.88 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion:198 Resp: 37744
Ion Ratio Lower Upper
198 100
51 26.5 29.2 69.2#
105 41.9 24.0 64.0

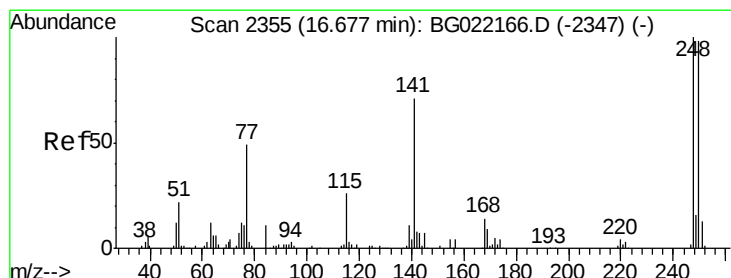
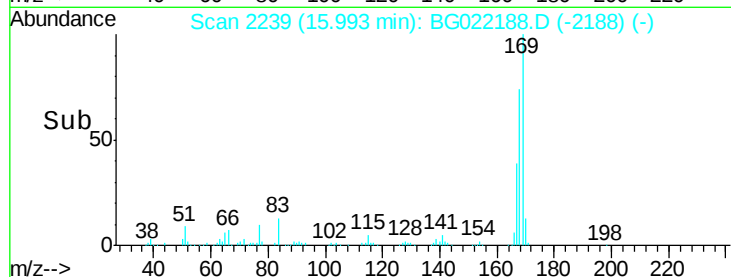
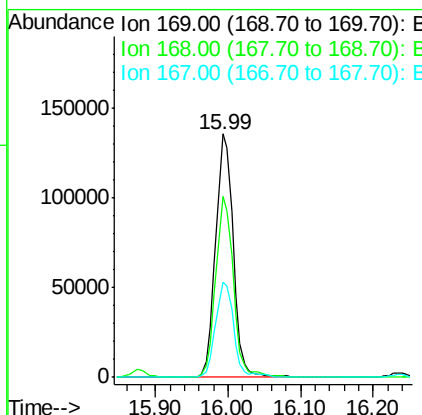
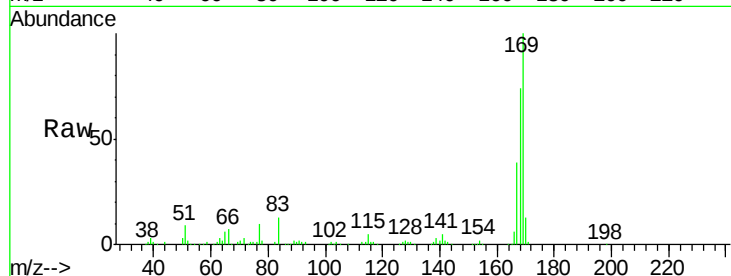




#65
 n-Nitrosodiphenylamine
 Concen: 42.70 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

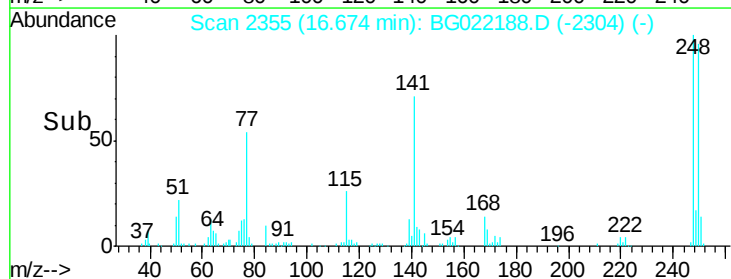
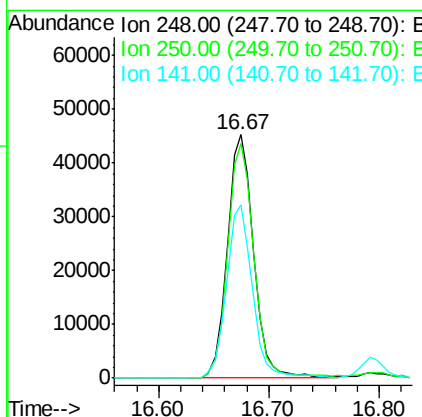
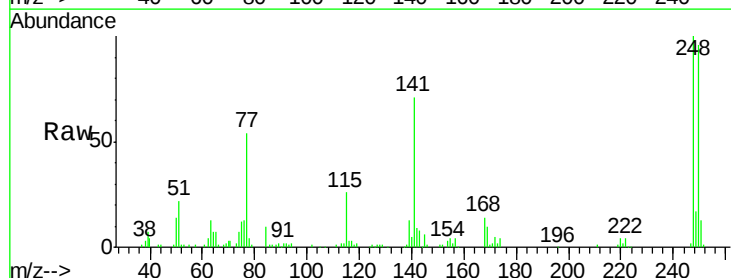
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

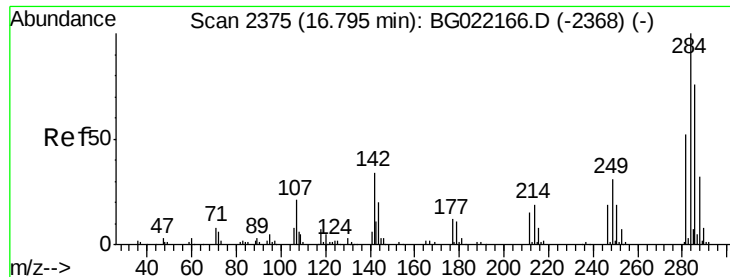
Tgt Ion:169 Resp: 230717
 Ion Ratio Lower Upper
 169 100
 168 74.1 59.6 89.4
 167 39.1 31.2 46.8



#66
 4-Bromophenyl-phenylether
 Concen: 42.94 ng
 RT: 16.67 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:248 Resp: 75453
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.6 114.8
 141 71.2 63.8 95.6

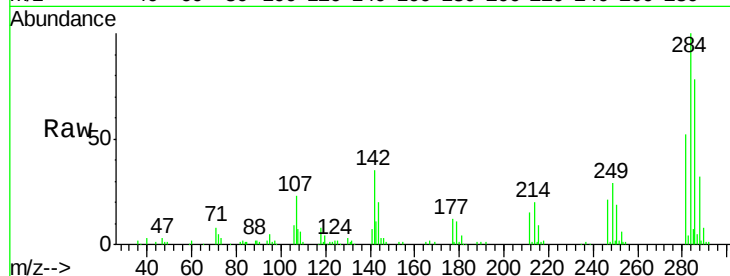




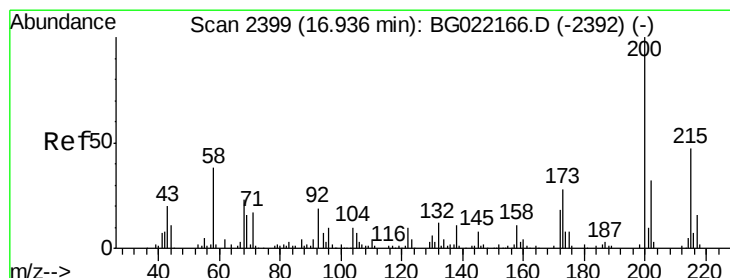
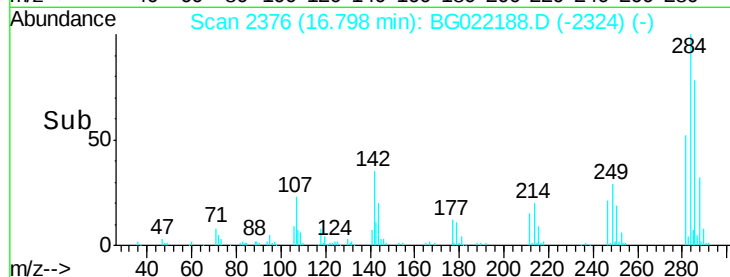
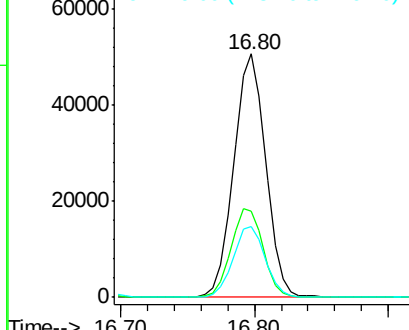
#67
Hexachlorobenzene
Concen: 41.06 ng
RT: 16.80 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Instrument :
BNA_G
ClientSampleId :
PB91120BS

Tgt Ion: 284 Resp: 84109
Ion Ratio Lower Upper
284 100
142 35.4 31.8 47.6
249 31.2 27.3 40.9

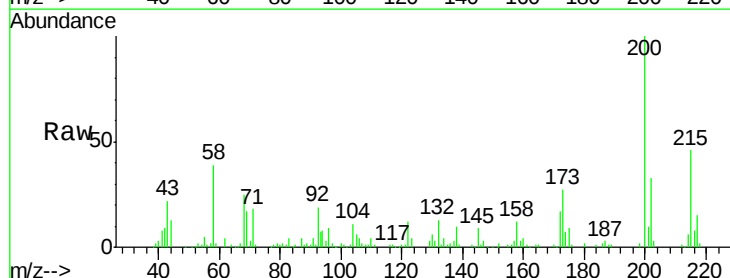


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

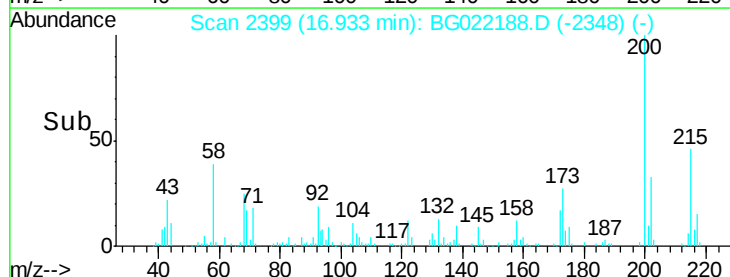
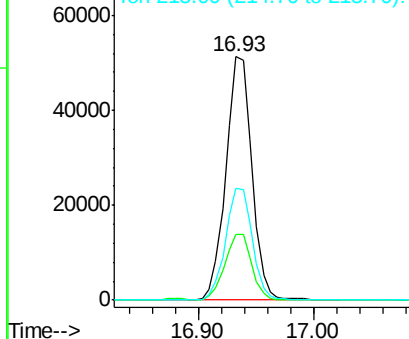


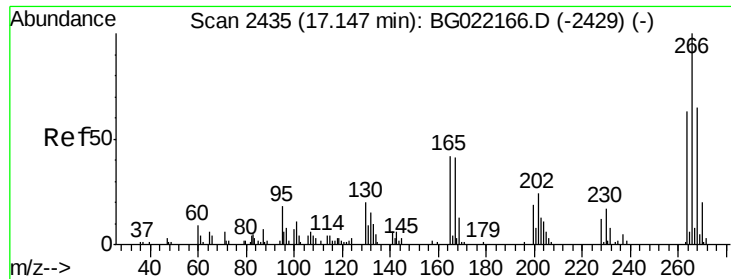
#68
Atrazine
Concen: 40.16 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion: 200 Resp: 80322
Ion Ratio Lower Upper
200 100
173 27.2 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

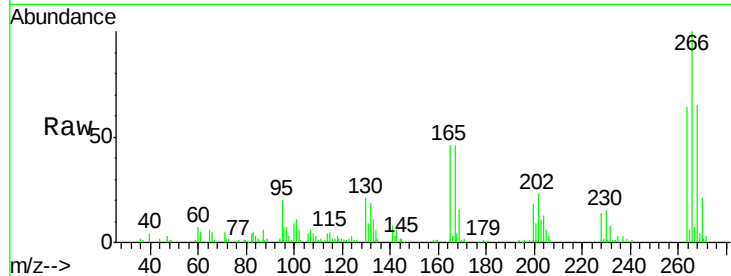




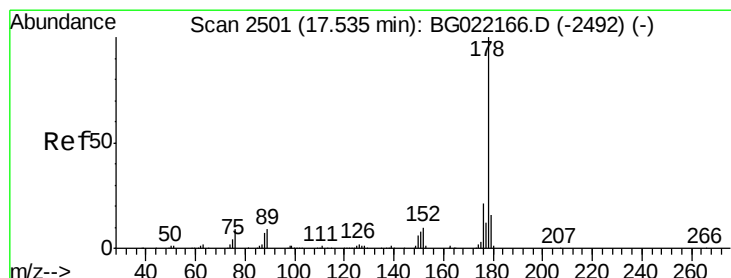
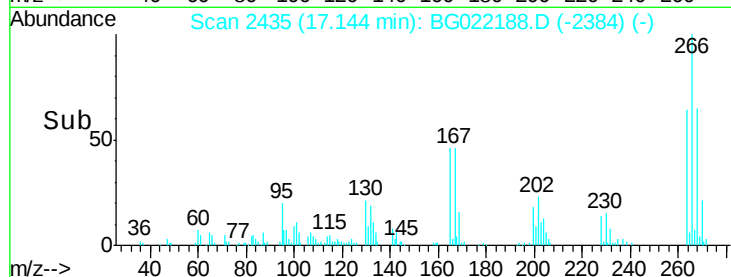
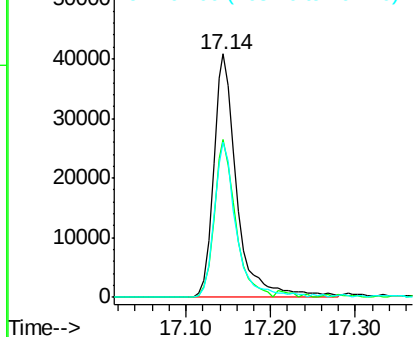
#69
 Pentachlorophenol
 Concen: 84.42 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

Tgt Ion:266 Resp: 78764
 Ion Ratio Lower Upper
 266 100
 268 69.4 54.5 81.7
 264 70.0 53.8 80.6

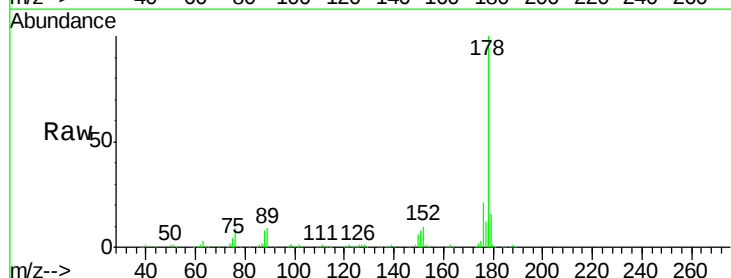


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

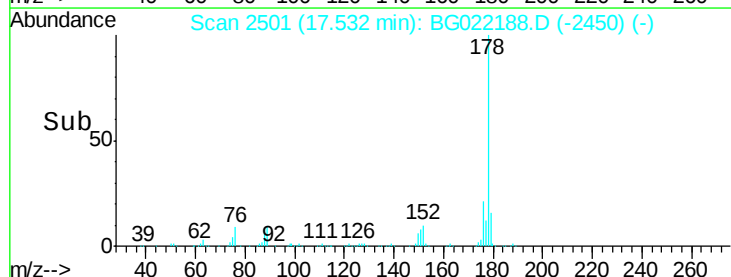
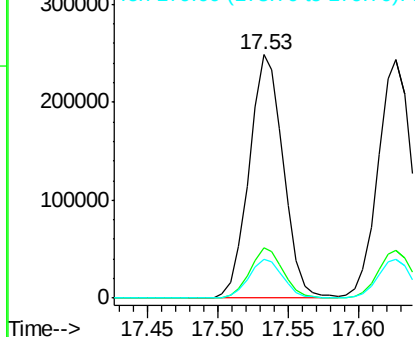


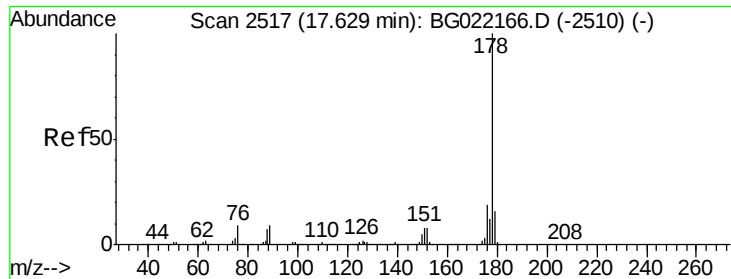
#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:178 Resp: 422922
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.2 24.4
 179 15.9 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: 42.11 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

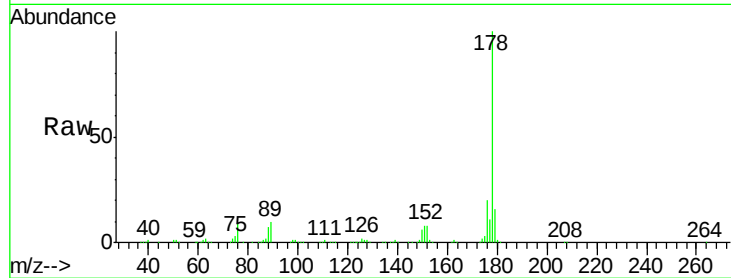
Tgt Ion:178 Resp: 425429

Ion Ratio Lower Upper

178 100

176 20.1 15.0 22.4

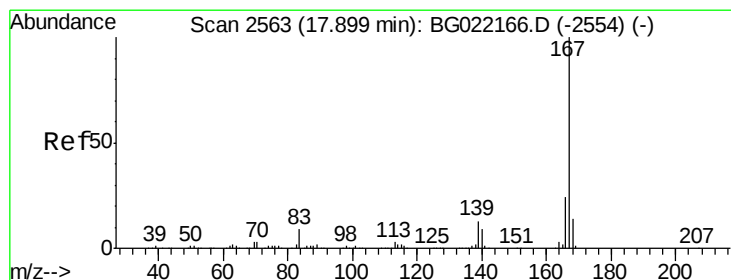
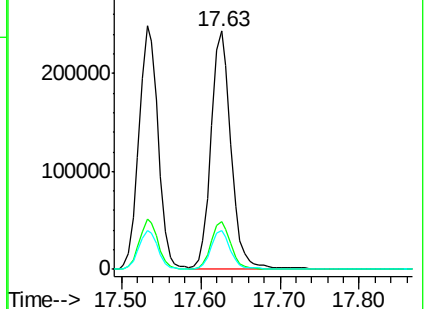
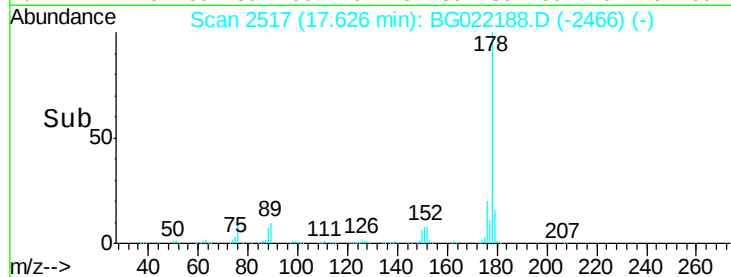
179 16.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.78 ng

RT: 17.90 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

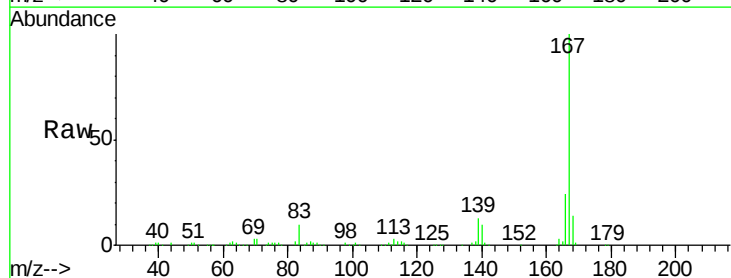
Tgt Ion:167 Resp: 399789

Ion Ratio Lower Upper

167 100

166 24.2 18.6 27.8

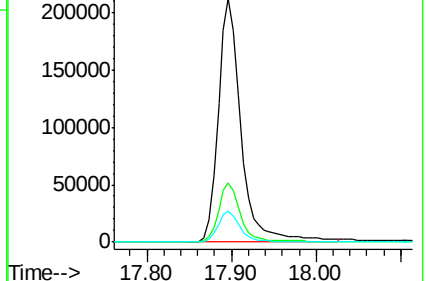
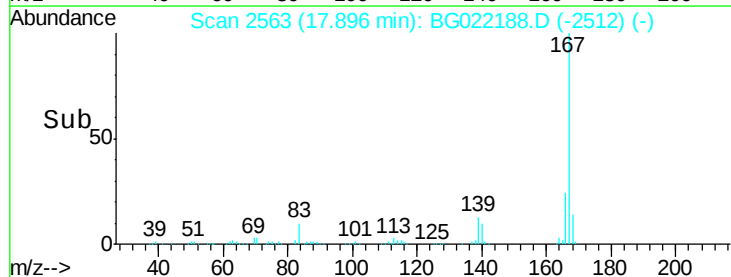
139 13.0 10.6 15.8

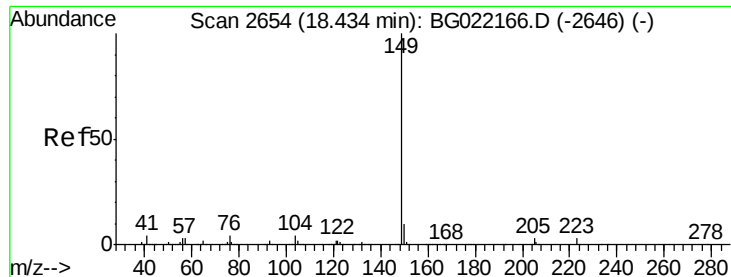


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.39 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

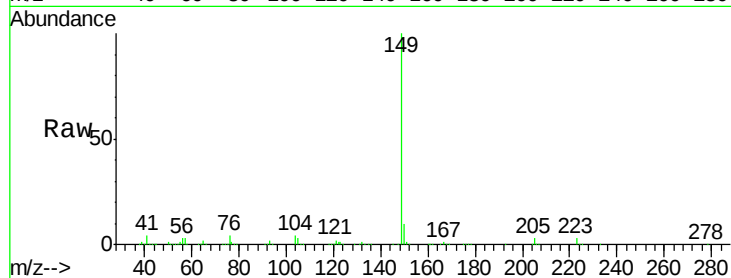
Tgt Ion:149 Resp: 530273

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

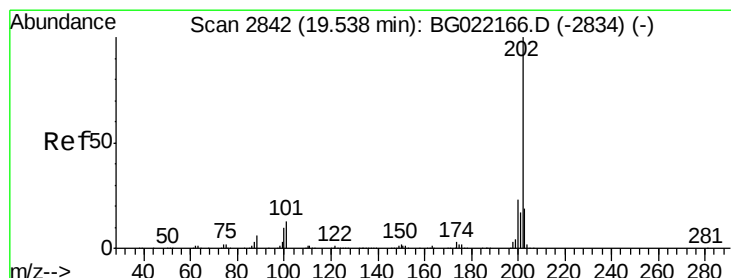
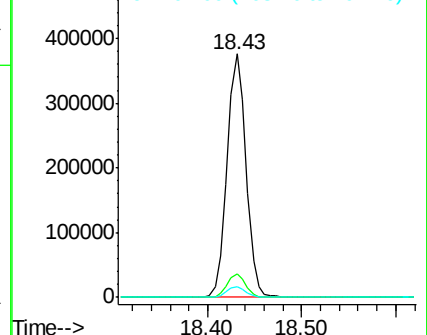
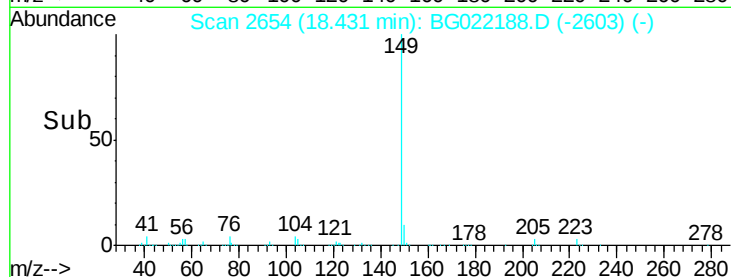
104 4.4 4.0 6.0



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: 42.44 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

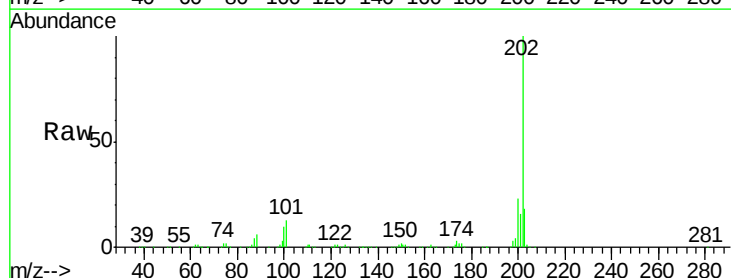
Tgt Ion:202 Resp: 497049

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.0

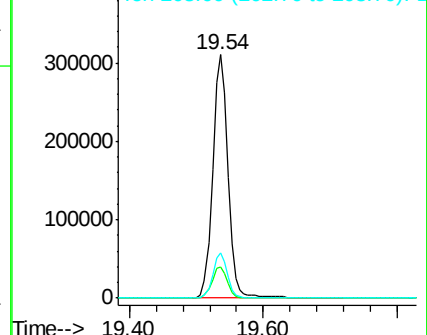
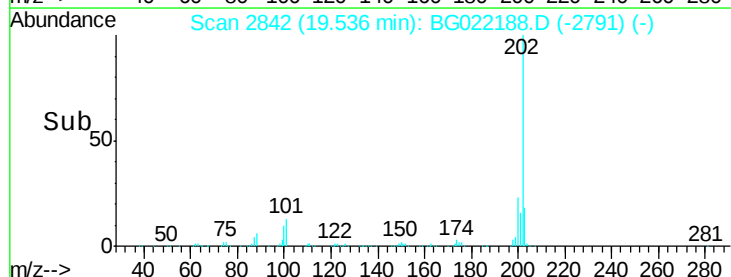
203 18.4 0.0 37.9

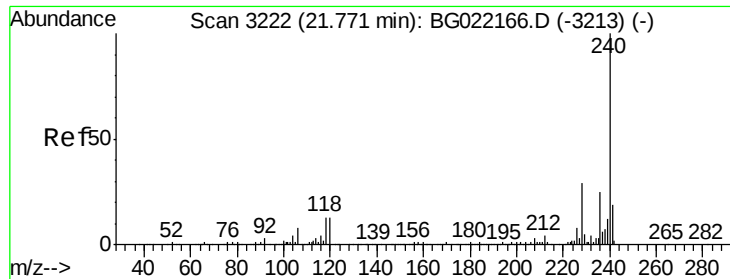


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3222

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

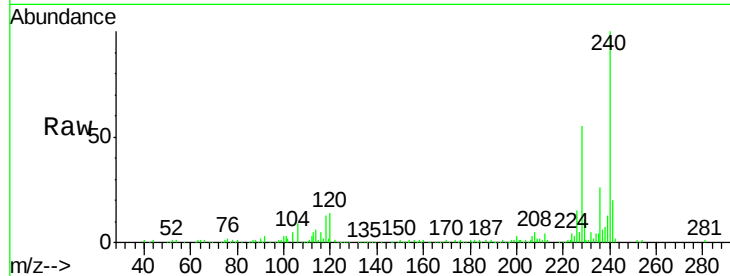
Tgt Ion:240 Resp: 180345

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

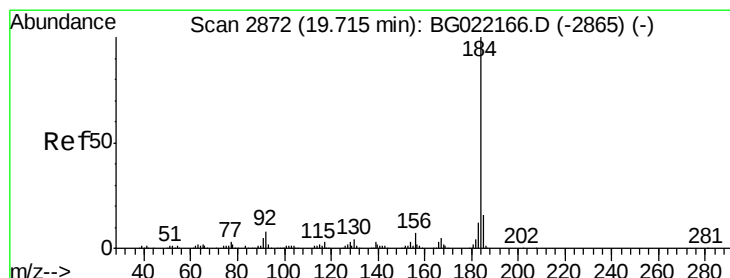
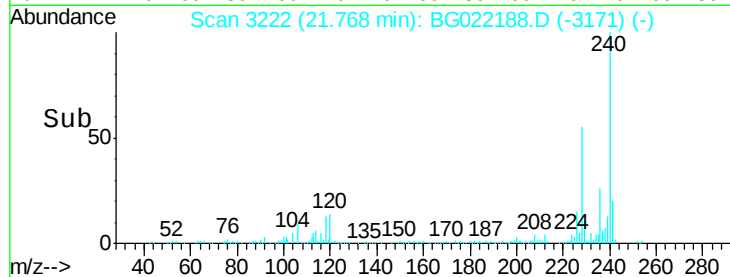
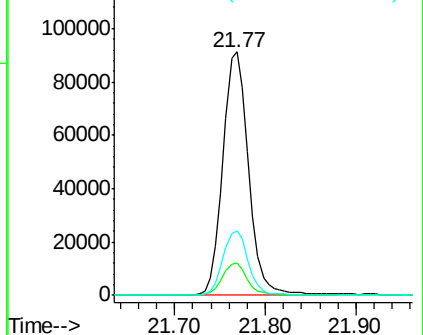
236 26.4 19.6 29.4



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: 30.71 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

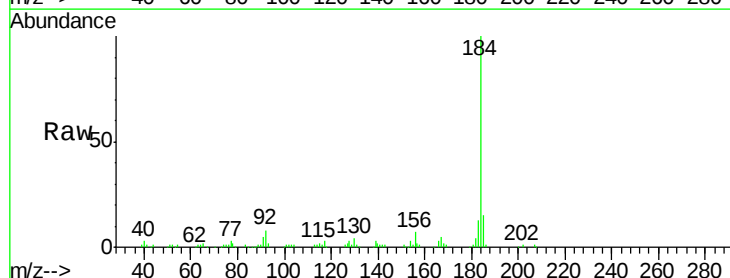
Tgt Ion:184 Resp: 144825

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

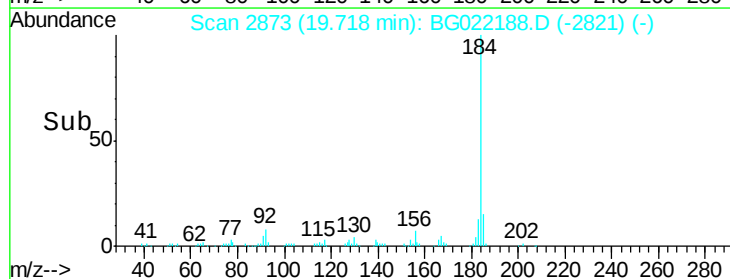
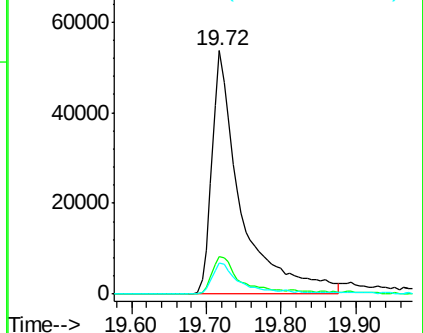
183 12.8 10.2 15.4

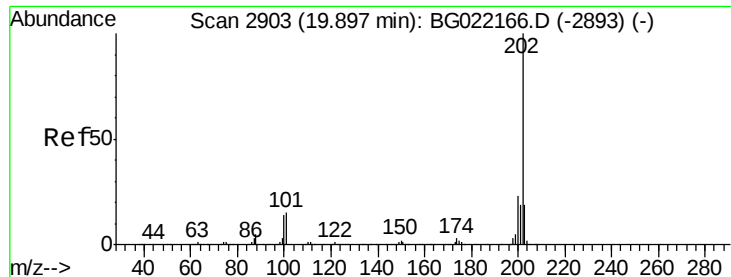


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

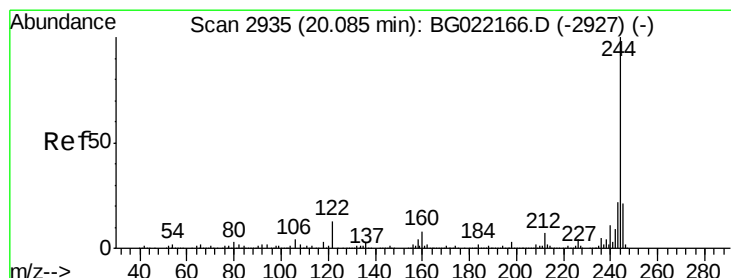
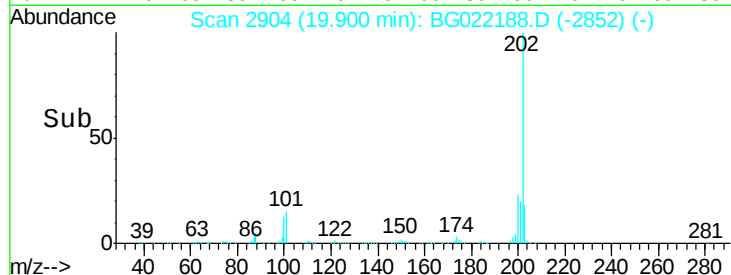
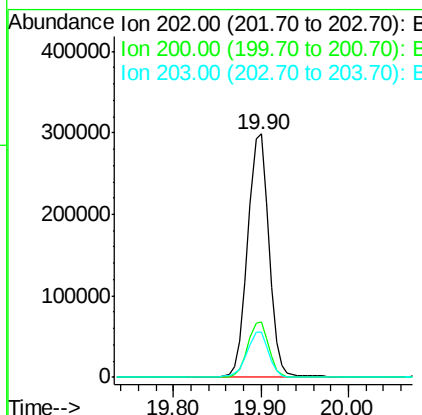
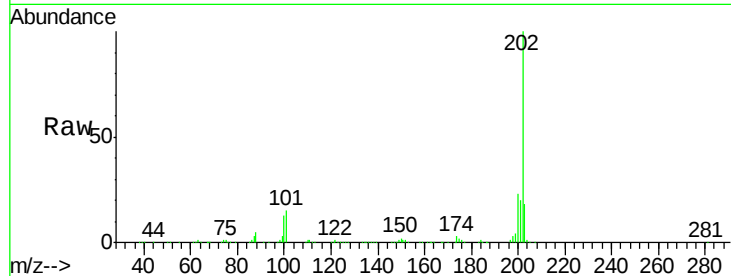




#77
 Pyrene
 Concen: 43.83 ng
 RT: 19.90 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

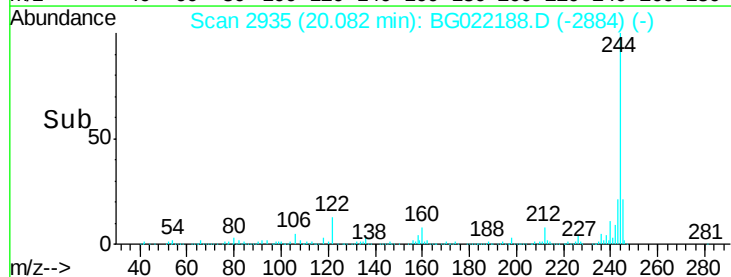
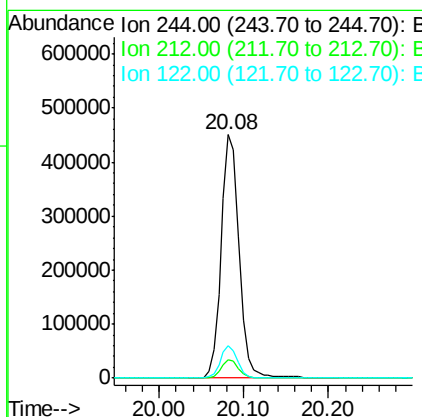
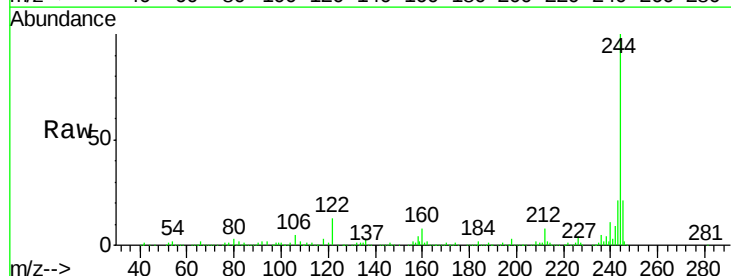
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

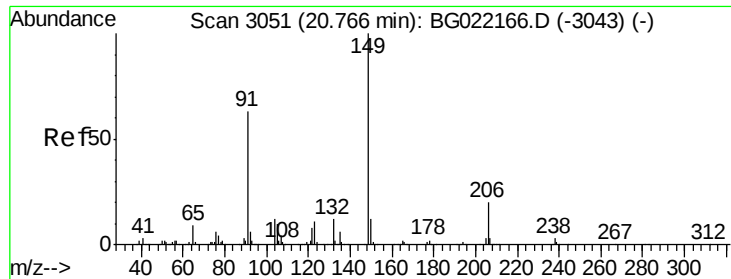
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.2
203	18.4	15.0	22.4



#78
 Terphenyl-d14
 Concen: 88.14 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	13.3	8.6	12.8

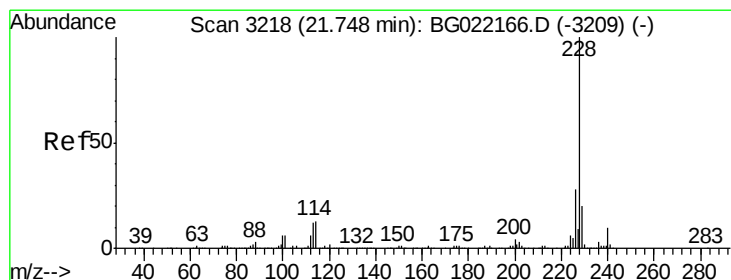
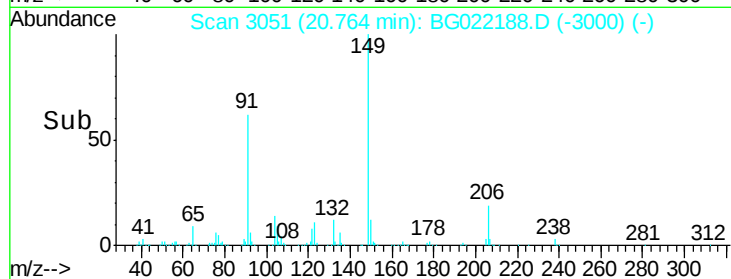
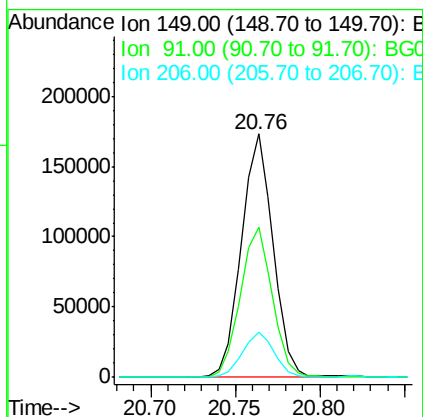
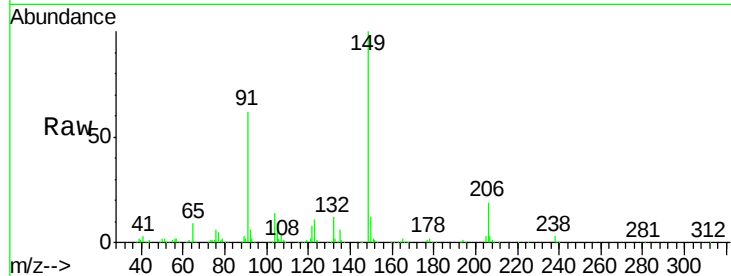




#79
Butylbenzylphthalate
Concen: 43.66 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

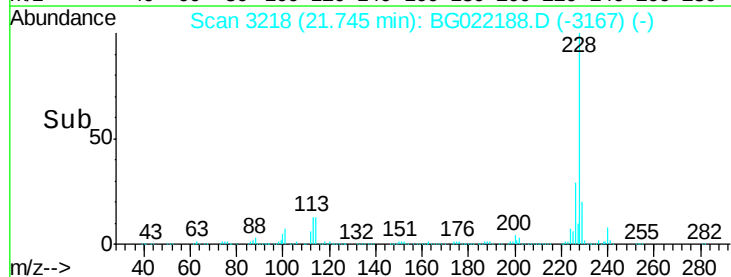
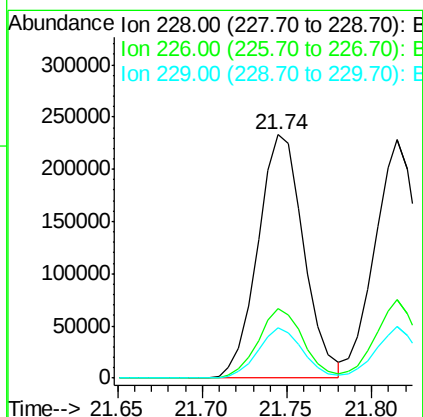
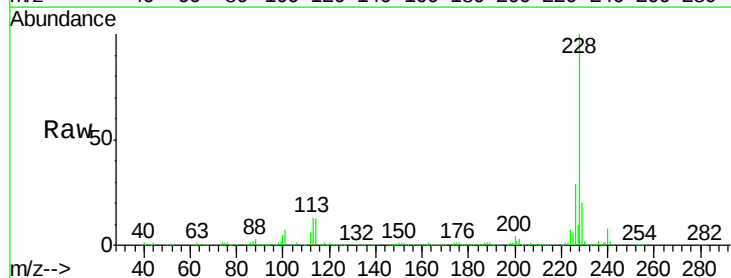
Instrument :
BNA_G
ClientSampleId :
PB91120BS

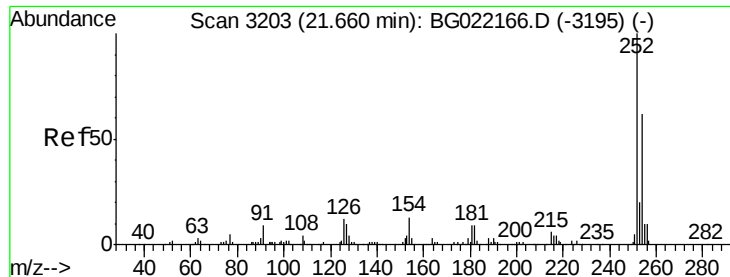
Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.9	57.8	86.8
206	18.6	17.0	25.4



#80
Benzo(a)anthracene
Concen: 43.51 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022188.D
Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.5	16.1	24.1

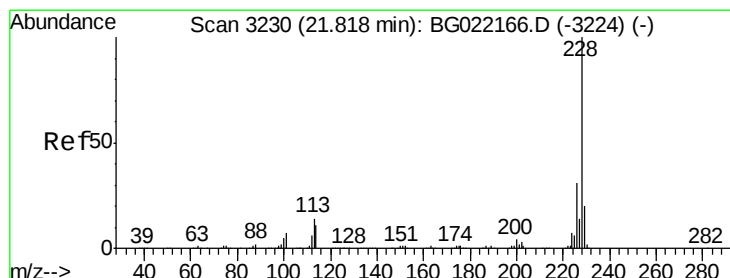
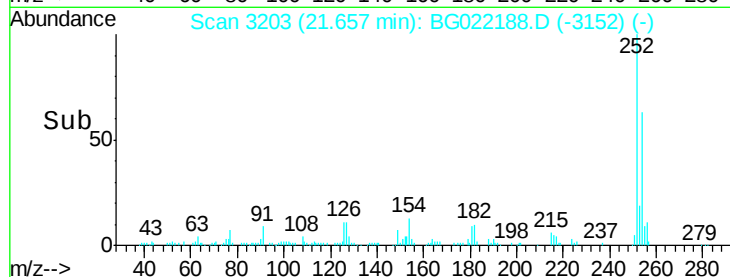
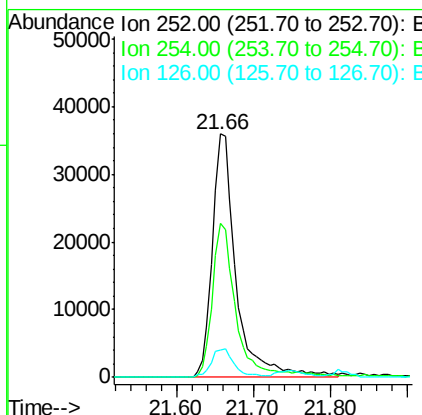
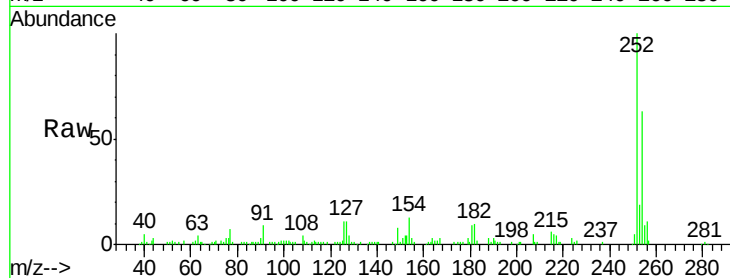




#81
 3,3'-Dichlorobenzidine
 Concen: 26.98 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

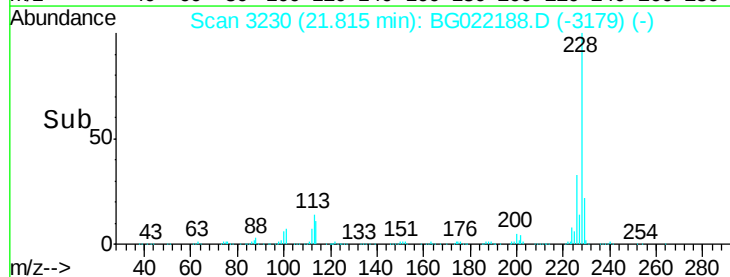
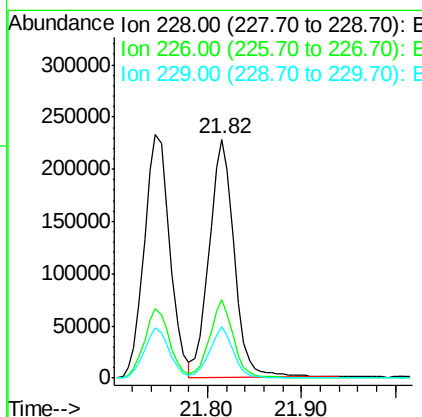
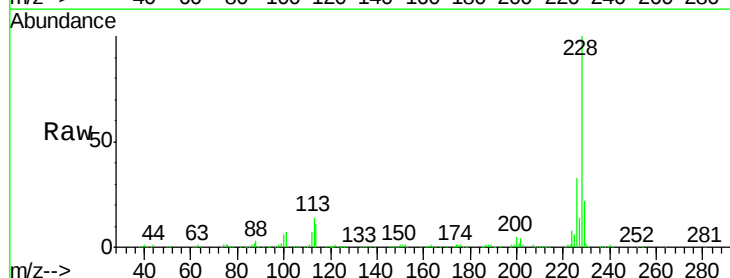
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

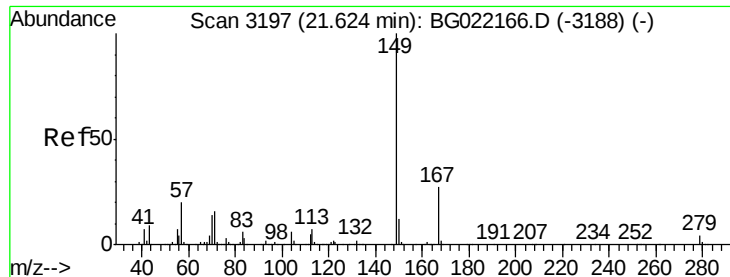
Tgt Ion:252 Resp: 76607
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.8 77.6
 126 11.3 8.8 13.2



#82
 Chrysene
 Concen: 43.08 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:228 Resp: 423978
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.0
 229 21.8 15.9 23.9

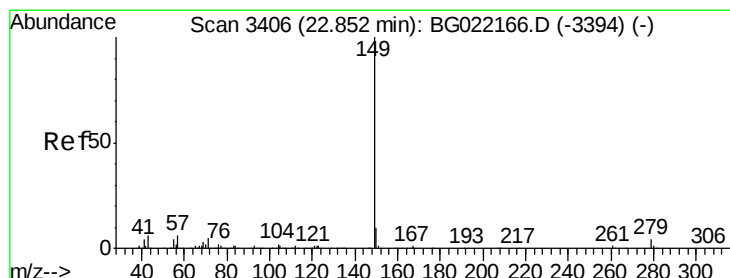
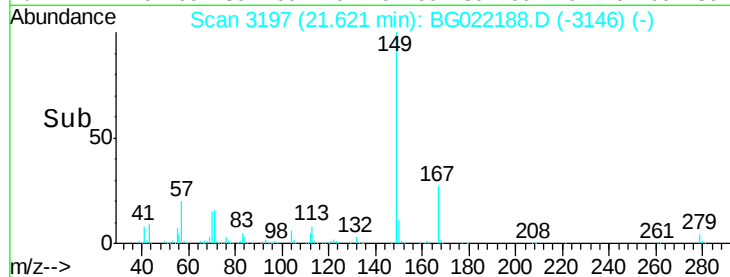
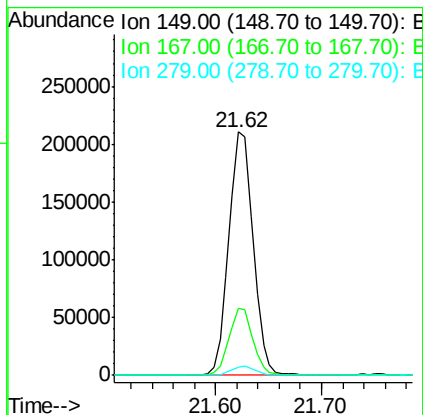
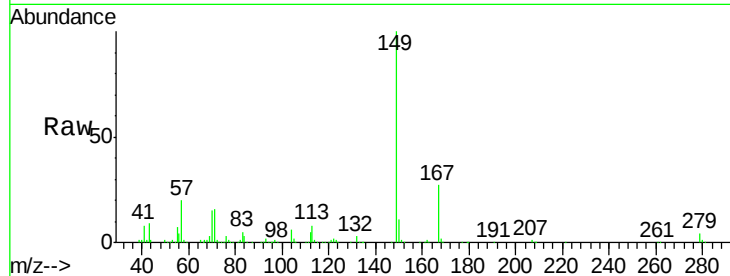




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.72 ng
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

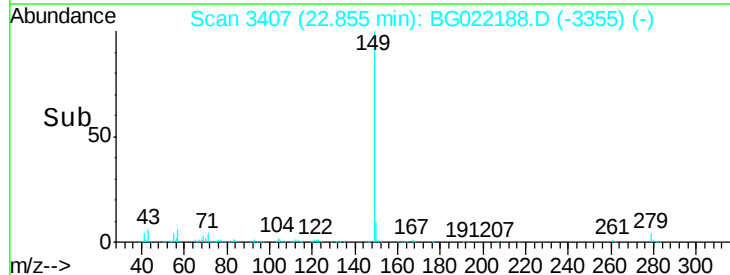
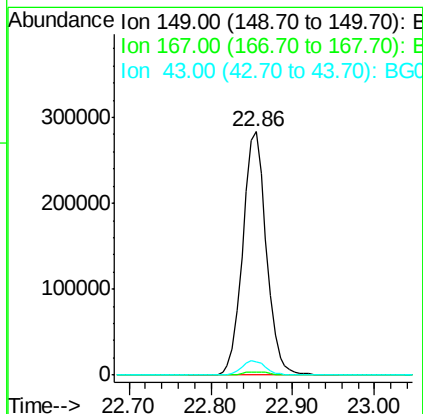
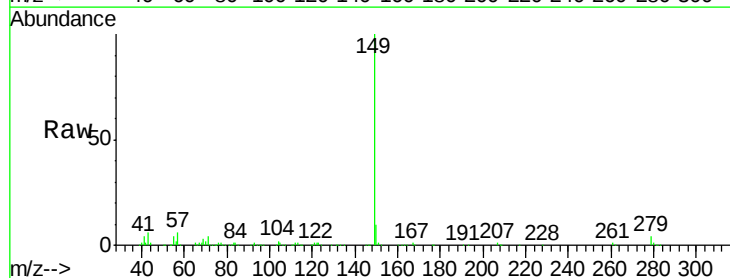
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

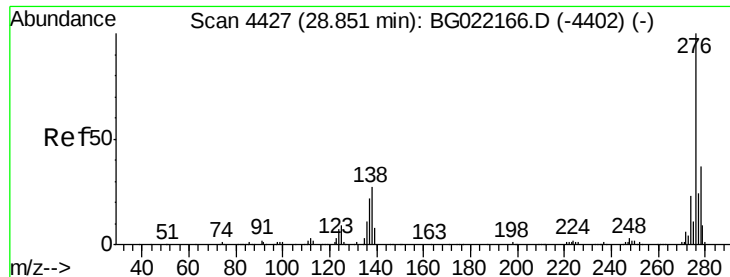
Tgt Ion:149 Resp: 334288
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.4 33.6
 279 3.5 3.2 4.8



#84
 Di-n-octyl phthalate
 Concen: 44.80 ng
 RT: 22.86 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion:149 Resp: 568784
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 6.1 9.8 14.6#

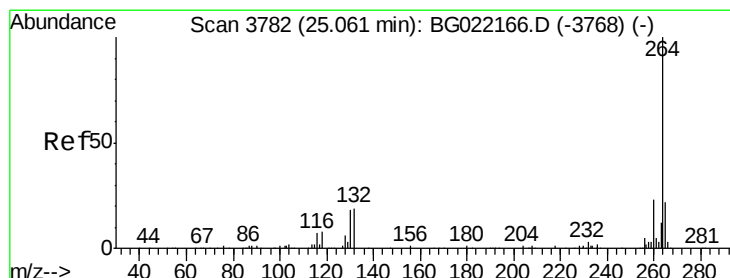
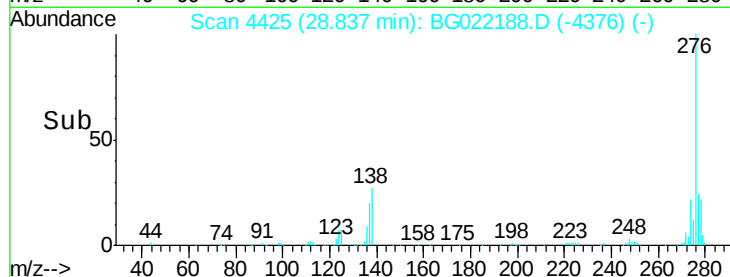
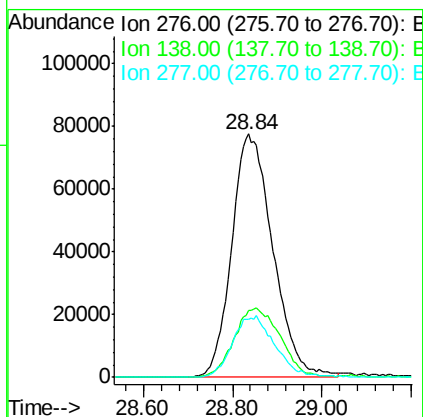
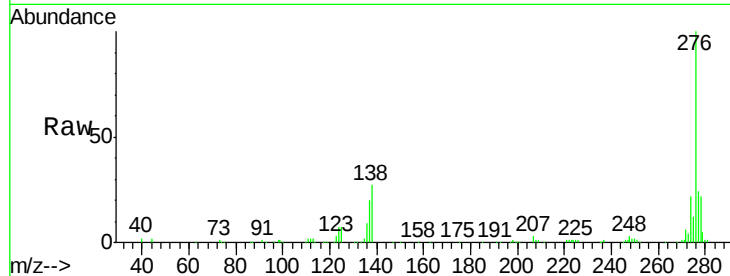




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.98 ng
 RT: 28.84 min Scan# 4425
 Delta R.T. -0.01 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

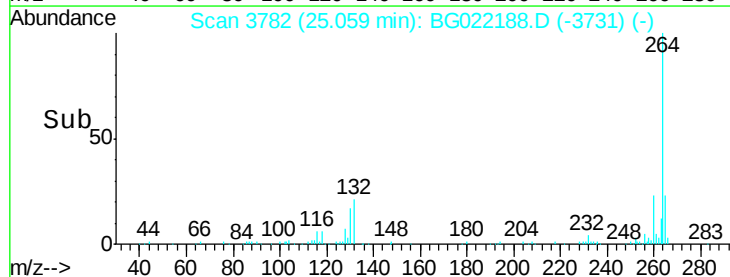
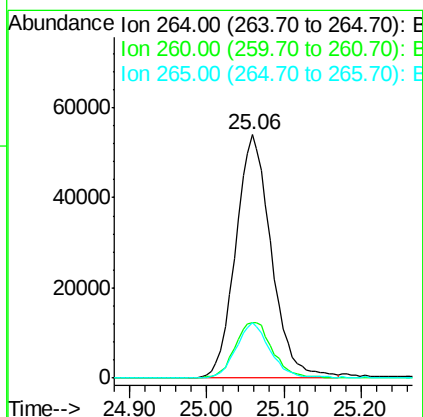
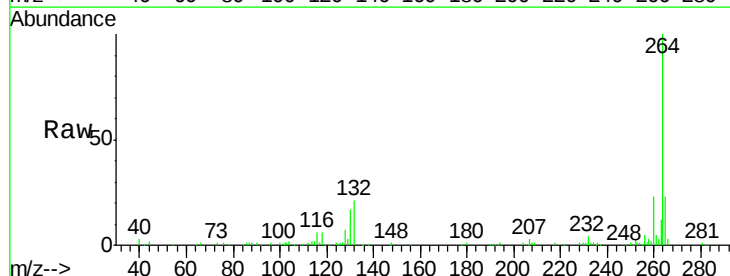
Instrument :
 BNA_G
 ClientSampleId :
 PB91120BS

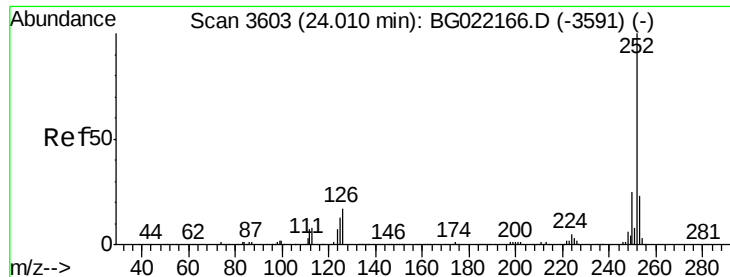
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	14.0	21.0#
277	25.9	20.6	30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.00 min
 Lab File: BG022188.D
 Acq: 7 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	20.2	30.4
265	22.9	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 42.51 ng

RT: 24.01 min Scan# 3604

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

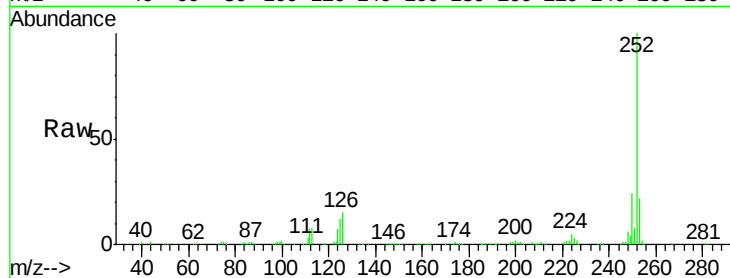
Tgt Ion:252 Resp: 433146

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

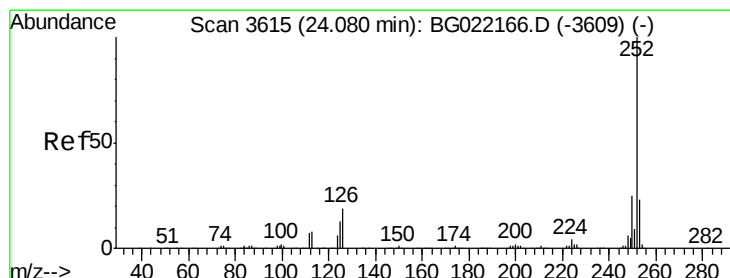
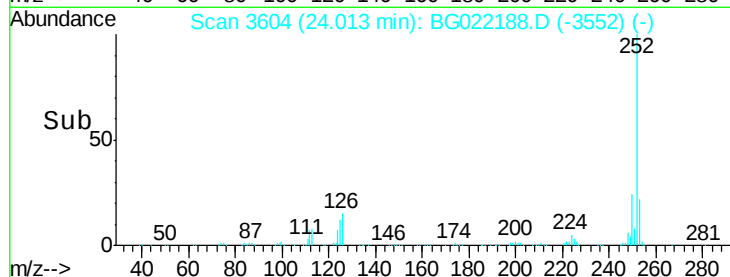
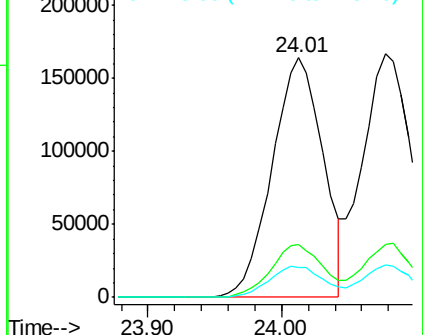
125 12.4 8.6 13.0



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: 43.18 ng

RT: 24.01 min Scan# 3604

Delta R.T. -0.07 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

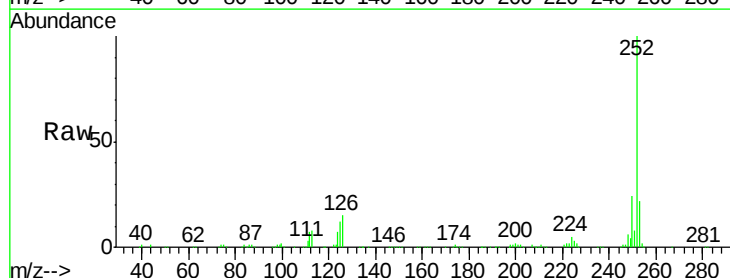
Tgt Ion:252 Resp: 433146

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

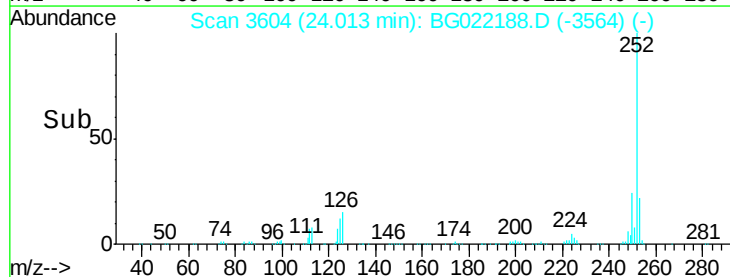
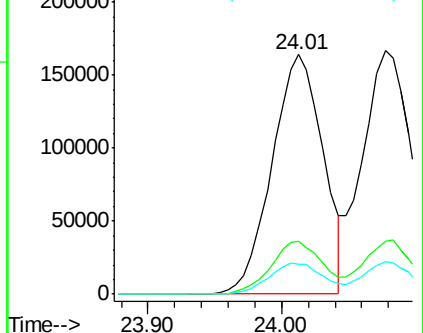
125 12.4 8.3 12.5

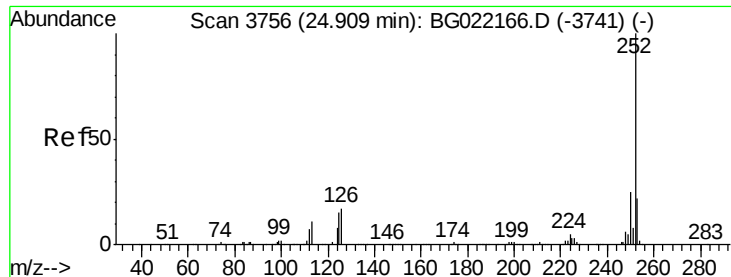


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.14 ng

RT: 24.91 min Scan# 3757

Delta R.T. 0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

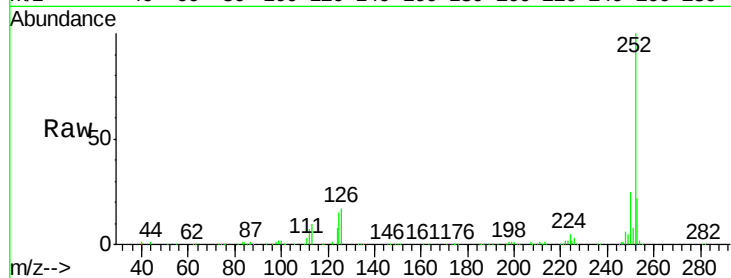
Tgt Ion:252 Resp: 420370

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

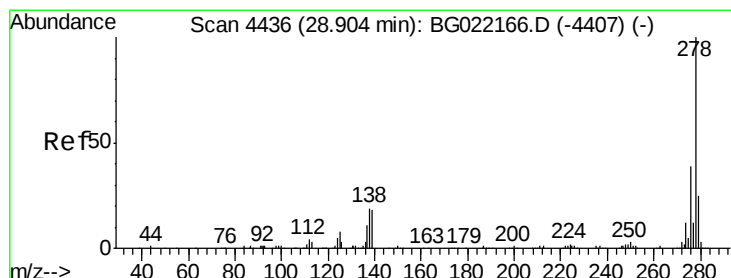
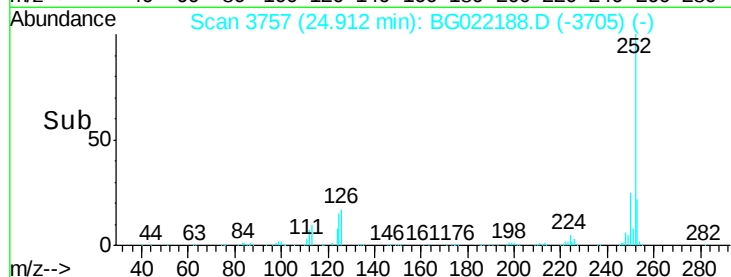
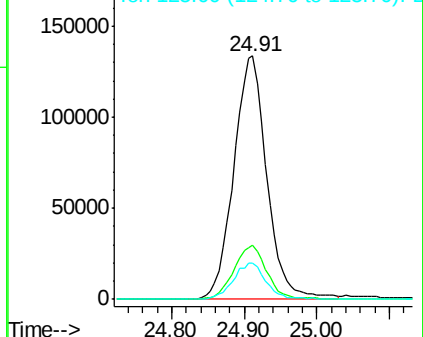
125 15.0 9.6 14.4#



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: 45.08 ng

RT: 28.89 min Scan# 4434

Delta R.T. -0.01 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

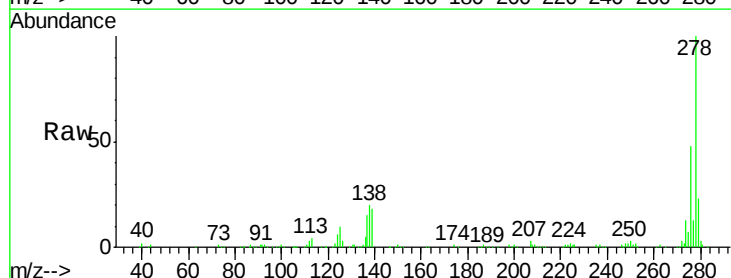
Tgt Ion:278 Resp: 413700

Ion Ratio Lower Upper

278 100

139 18.4 11.9 17.9#

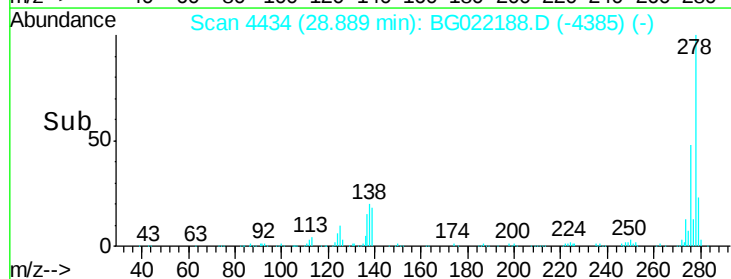
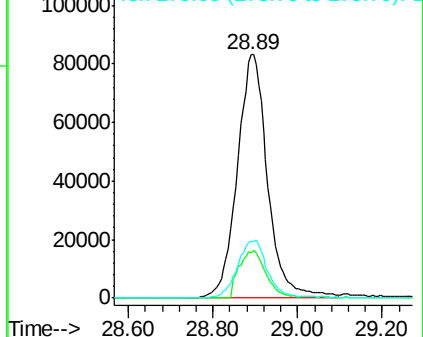
279 23.1 18.2 27.2

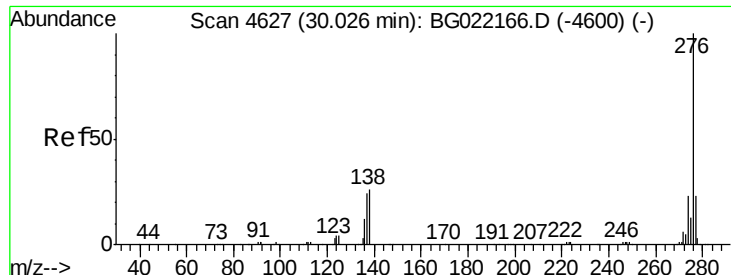


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.84 ng

RT: 30.02 min Scan# 4627

Delta R.T. -0.00 min

Lab File: BG022188.D

Acq: 7 Jun 2016 3:53

Instrument :

BNA_G

ClientSampleId :

PB91120BS

Tgt Ion: 276 Resp: 418554

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 27.1 17.4 26.0

