

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021134.D
 Acq On : 28 Feb 2016 3:32
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 29 00:26:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8597	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	46779	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	30595	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	73231	20.00	ng	0.00
75) Chrysene-d12	21.78	240	80058	20.00	ng	-0.01
86) Perylene-d12	25.05	264	72662	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	43351	88.28	ng	0.00
7) Phenol-d6	7.31	99	72699	99.49	ng	-0.01
23) Nitrobenzene-d5	9.33	82	87595	89.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	26134	65.15	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	174641	73.04	ng	0.00
78) Terphenyl-d14	20.10	244	271941	79.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	9967	43.83	ng	98
3) Pyridine	4.01	79	29974	45.07	ng	# 91
4) n-Nitrosodimethylamine	3.93	42	14678	43.53	ng	96
6) Aniline	7.49	93	46882	51.87	ng	# 87
8) 2-Chlorophenol	7.73	128	27608	45.08	ng	88
9) Benzaldehyde	7.31	77	20268	51.21	ng	86
10) Phenol	7.33	94	39258	52.44	ng	82
11) bis(2-Chloroethyl)ether	7.58	93	28888	50.35	ng	96
12) 1,3-Dichlorobenzene	8.06	146	27588	42.32	ng	# 93
13) 1,4-Dichlorobenzene	8.06	146	27588	39.62	ng	94
14) 1,2-Dichlorobenzene	8.52	146	27450	41.64	ng	94
15) Benzyl Alcohol	8.40	79	32564	51.02	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.69	45	47090	71.58	ng	95
17) 2-Methylphenol	8.59	107	27380	51.82	ng	# 87
18) Hexachloroethane	9.26	117	11618	44.11	ng	90
19) n-Nitroso-di-n-propylamine	8.97	70	32452	57.57	ng	97
20) 3+4-Methylphenols	8.93	107	38332	52.32	ng	92
22) Acetophenone	8.99	105	54235	42.00	ng	# 92
24) Nitrobenzene	9.37	77	47706	47.03	ng	# 86
25) Isophorone	9.90	82	89432	48.60	ng	95
26) 2-Nitrophenol	10.08	139	16886	39.38	ng	# 64
27) 2,4-Dimethylphenol	10.13	122	32276	42.67	ng	86
28) bis(2-Chloroethoxy)methane	10.37	93	43015	47.97	ng	98
29) 2,4-Dichlorophenol	10.61	162	28176	38.05	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	28738	34.24	ng	93
31) Naphthalene	11.03	128	97045	40.39	ng	99
32) Benzoic acid	10.27	122	30039	43.25	ng	# 82
33) 4-Chloroaniline	11.13	127	43164	43.01	ng	# 89
34) Hexachlorobutadiene	11.31	225	18852	33.57	ng	93
35) Caprolactam	11.91	113	12424	49.66	ng	# 84
36) 4-Chloro-3-methylphenol	12.23	107	41416	45.63	ng	# 86
37) 2-Methylnaphthalene	12.62	142	69032	40.91	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	38033	33.64	ng	97
40) Hexachlorocyclopentadiene	12.96	237	23680	31.85	ng	97

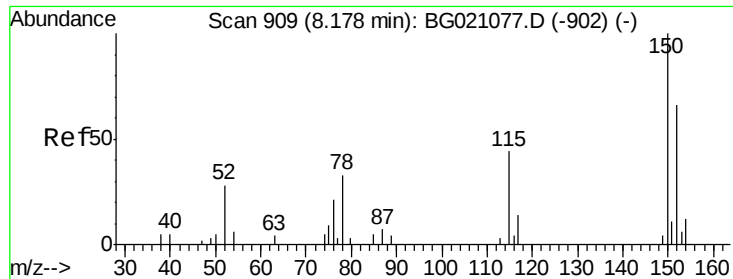
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	26939	37.99	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	28537	39.17	ng	93
45) 1,1'-Biphenyl	13.62	154	101161	39.26	ng	96
46) 2-Chloronaphthalene	13.66	162	76029	38.89	ng	98
47) 2-Nitroaniline	13.85	65	34007	53.69	ng	# 74
48) Acenaphthylene	14.50	152	127217	41.13	ng	99
49) Dimethylphthalate	14.23	163	105670	40.07	ng	# 98
50) 2,6-Dinitrotoluene	14.34	165	22492	41.46	ng	# 66
51) Acenaphthene	14.84	154	84432	40.02	ng	98
52) 3-Nitroaniline	14.67	138	24383	46.19	ng	# 64
53) 2,4-Dinitrophenol	14.87	184	14296	37.80	ng	# 84
54) Dibenzofuran	15.17	168	106671	39.91	ng	# 89
55) 4-Nitrophenol	14.96	139	21412	45.73	ng	# 58
56) 2,4-Dinitrotoluene	15.13	165	32472	41.74	ng	# 77
57) Fluorene	15.81	166	102902	39.58	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	23810	37.61	ng	# 96
59) Diethylphthalate	15.58	149	115815	41.67	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	52415	36.65	ng	97
61) 4-Nitroaniline	15.83	138	26624	44.29	ng	# 57
62) Azobenzene	16.09	77	122983	51.08	ng	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	20869	38.85	ng	95
65) n-Nitrosodiphenylamine	16.02	169	88861	41.13	ng	94
66) 4-Bromophenyl-phenylether	16.69	248	30930	35.87	ng	# 86
67) Hexachlorobenzene	16.81	284	30833	33.90	ng	# 86
68) Atrazine	16.95	200	31222	39.00	ng	97
69) Pentachlorophenol	17.15	266	21225	34.57	ng	95
70) Phenanthrene	17.55	178	159362	40.44	ng	98
71) Anthracene	17.64	178	161972	40.82	ng	98
72) Carbazole	17.90	167	143719	41.95	ng	96
73) Di-n-butylphthalate	18.46	149	201391	44.59	ng	# 98
74) Fluoranthene	19.54	202	188117	38.06	ng	99
76) Benzidine	19.72	184	93991	44.62	ng	99
77) Pyrene	19.91	202	192254	43.37	ng	98
79) Butylbenzylphthalate	20.78	149	92328	49.91	ng	87
80) Benzo(a)anthracene	21.75	228	186992	40.59	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	70187	38.94	ng	97
82) Chrysene	21.82	228	177793	40.08	ng	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	133937	46.88	ng	97
84) Di-n-octyl phthalate	22.88	149	223652	46.71	ng	99
85) Indeno(1,2,3-cd)pyrene	28.82	276	196938	36.82	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	183204	40.34	ng	99
88) Benzo(k)fluoranthene	24.08	252	181855	40.62	ng	97
89) Benzo(a)pyrene	24.90	252	174771	40.09	ng	97
90) Dibenzo(a,h)anthracene	28.87	278	169257	38.51	ng	98
91) Benzo(g,h,i)perylene	29.98	276	162101	38.29	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

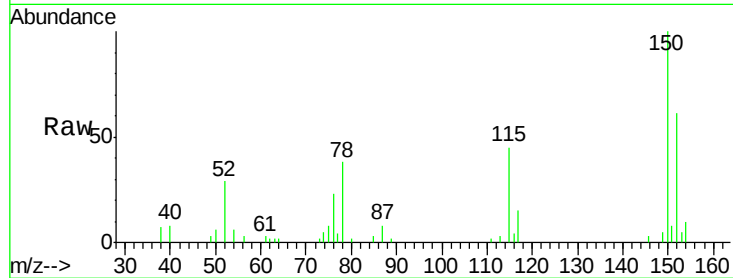
Tgt Ion:152 Resp: 8597

Ion Ratio Lower Upper

152 100

150 162.7 123.4 185.2

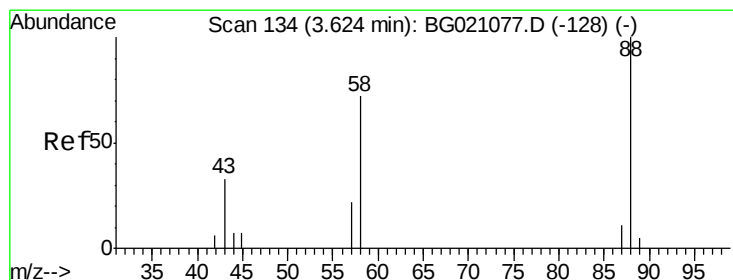
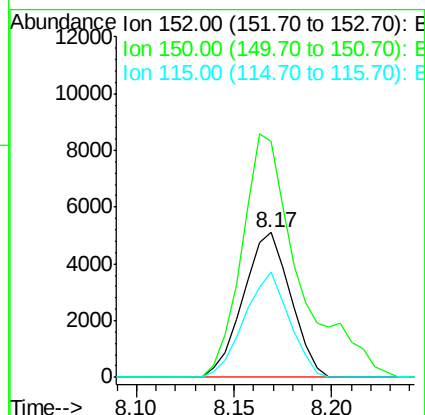
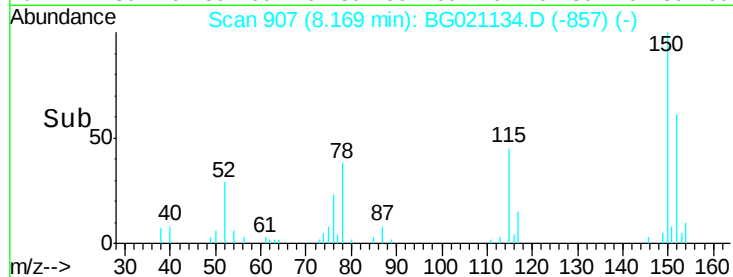
115 72.6 43.3 64.9#



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: 43.83 ng

RT: 3.61 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

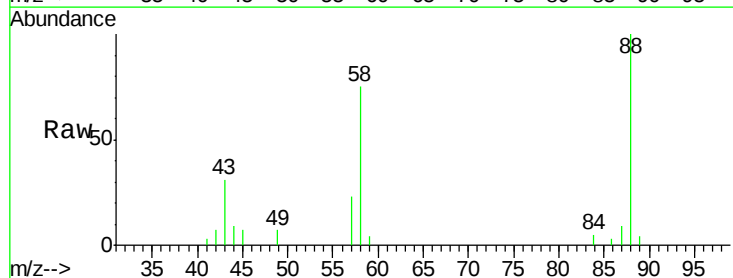
Tgt Ion: 88 Resp: 9967

Ion Ratio Lower Upper

88 100

58 70.9 55.9 83.9

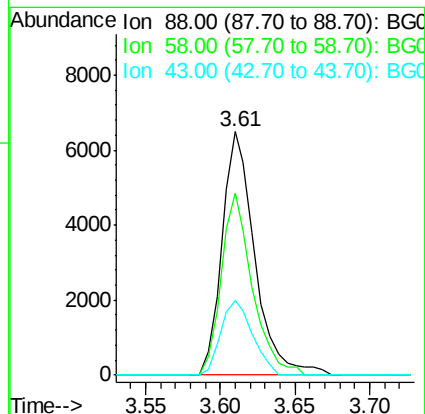
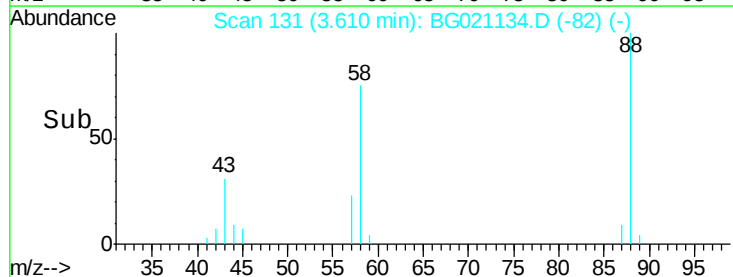
43 29.6 22.5 33.7

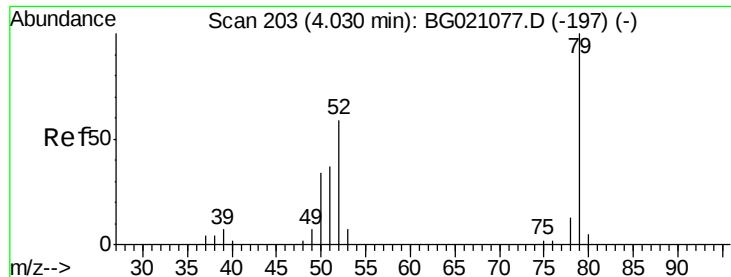


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 45.07 ng

RT: 4.01 min Scan# 200

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

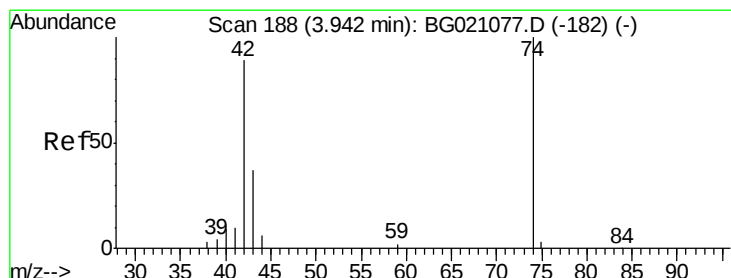
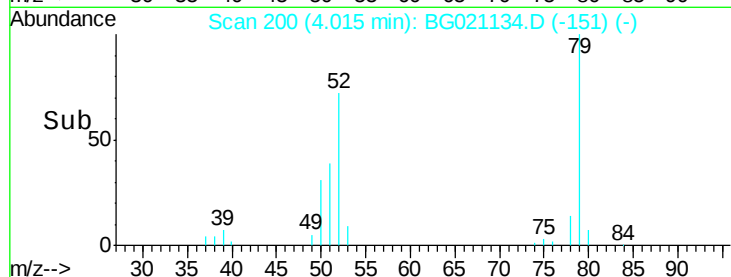
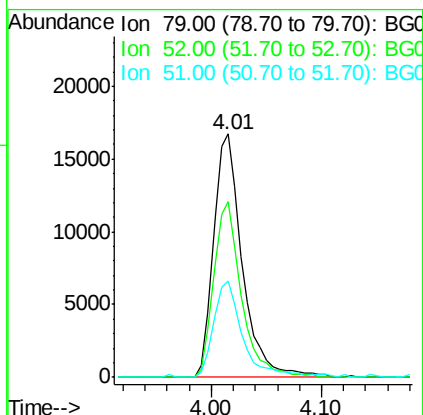
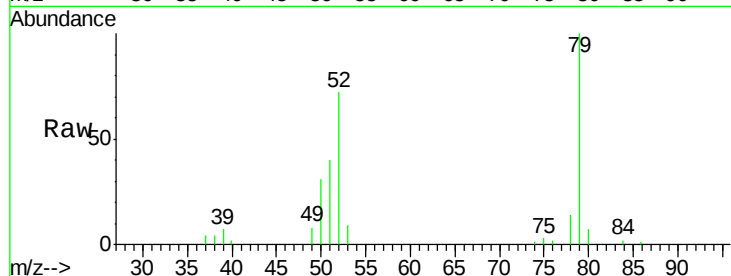
Tgt Ion: 79 Resp: 29974

Ion Ratio Lower Upper

79 100

52 72.2 53.2 79.8

51 39.6 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 43.53 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

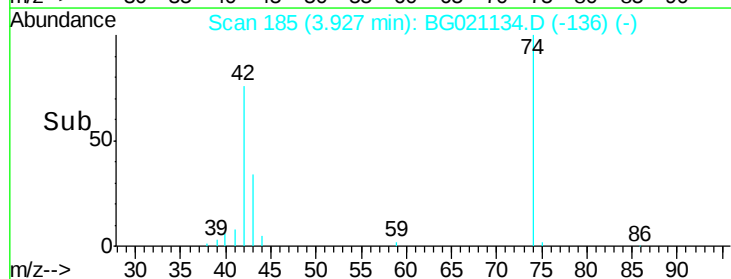
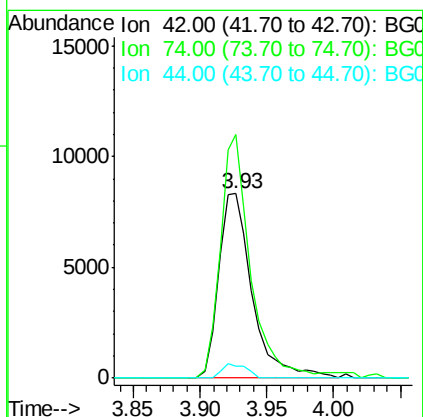
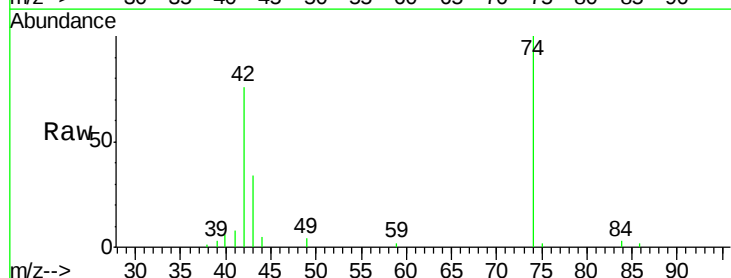
Tgt Ion: 42 Resp: 14678

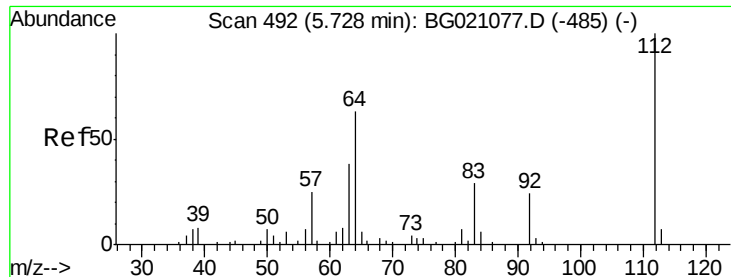
Ion Ratio Lower Upper

42 100

74 132.2 102.3 153.5

44 6.5 4.8 7.2





#5

2-Fluorophenol

Concen: 88.28 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

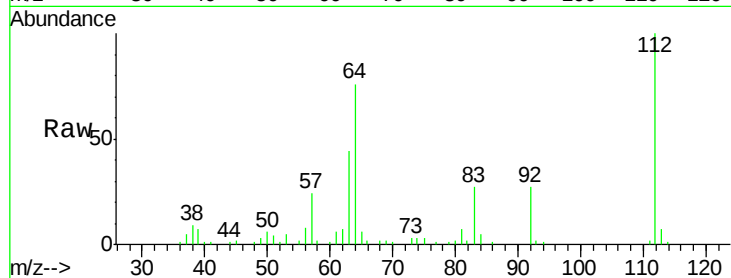
Tgt Ion: 112 Resp: 43351

Ion Ratio Lower Upper

112 100

64 76.3 42.6 63.8#

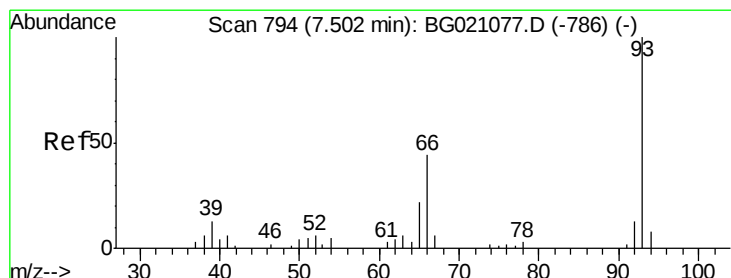
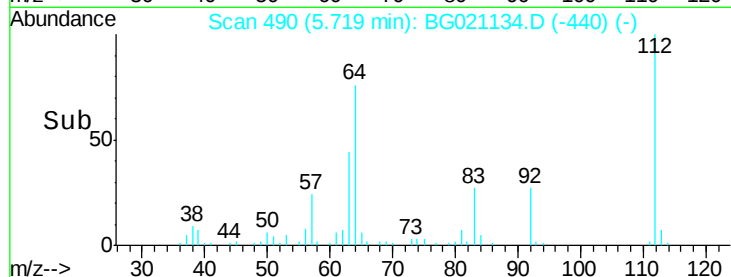
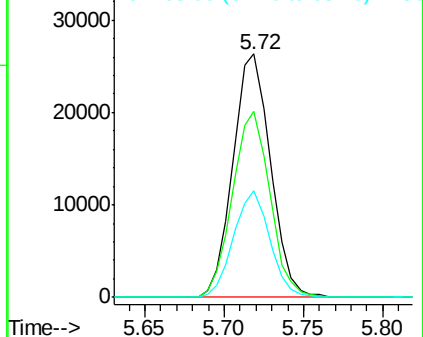
63 43.7 21.7 32.5#



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: 51.87 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

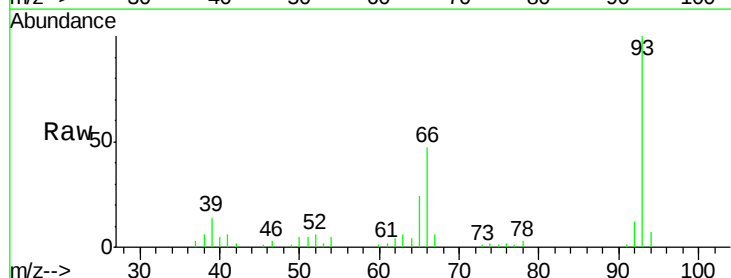
Tgt Ion: 93 Resp: 46882

Ion Ratio Lower Upper

93 100

66 47.1 30.1 45.1#

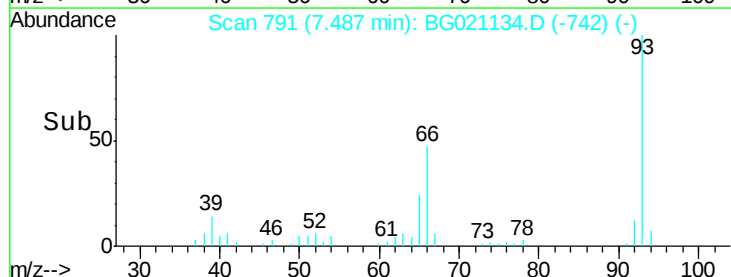
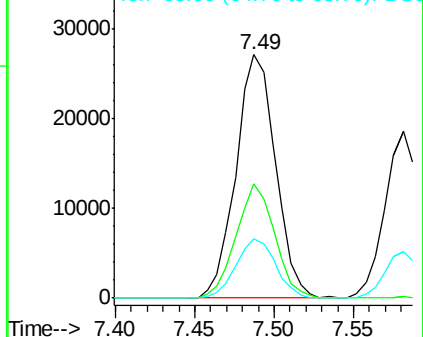
65 24.1 16.6 24.8

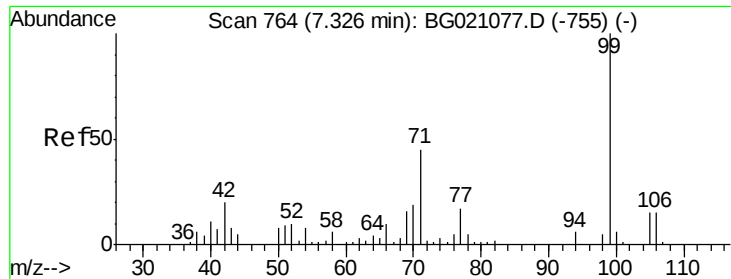


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.49 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

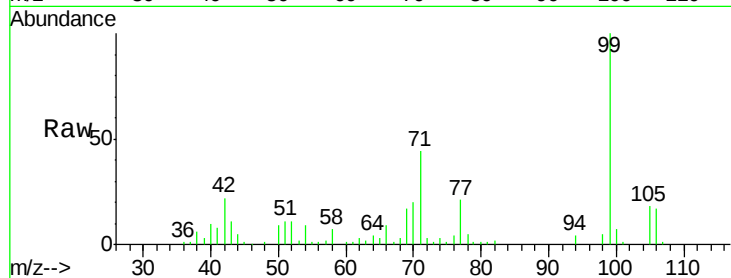
Tgt Ion: 99 Resp: 72699

Ion Ratio Lower Upper

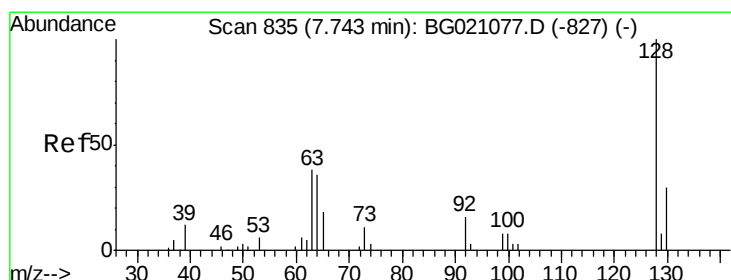
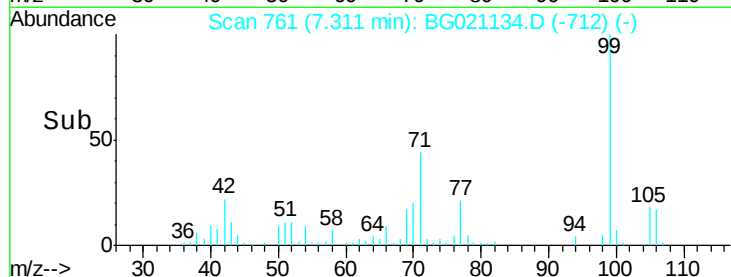
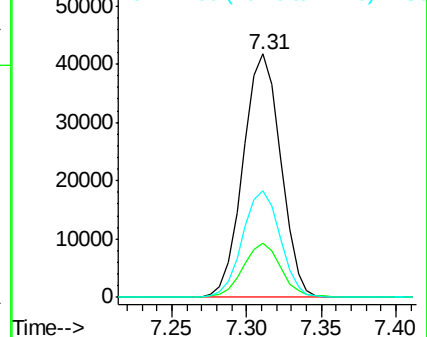
99 100

42 22.5 13.2 19.8#

71 43.9 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.08 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

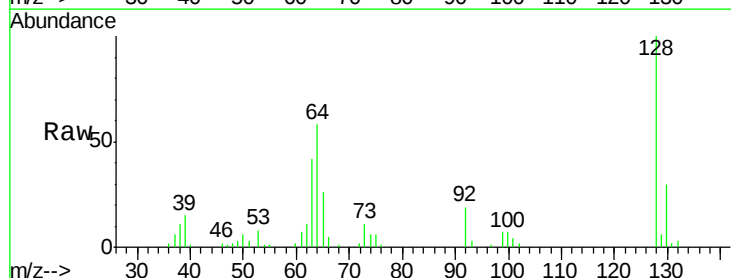
Tgt Ion: 128 Resp: 27608

Ion Ratio Lower Upper

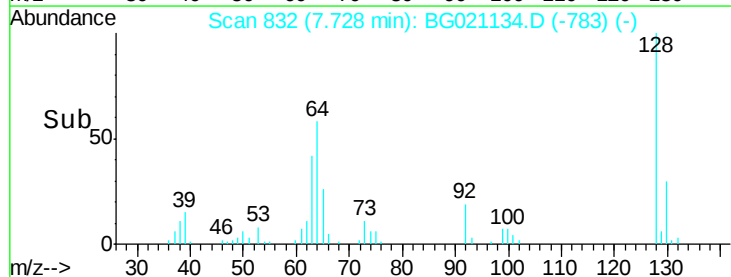
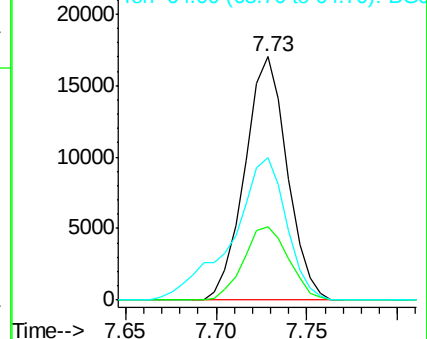
128 100

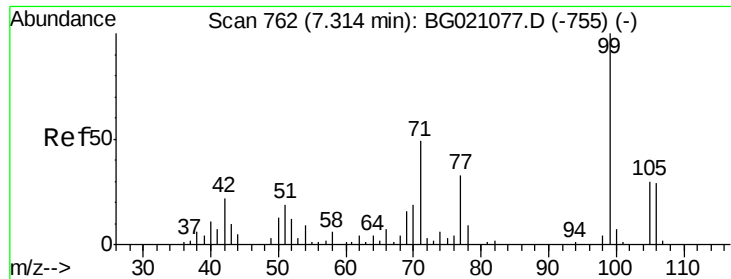
130 30.3 11.9 51.9

64 58.4 25.8 65.8



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: 51.21 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

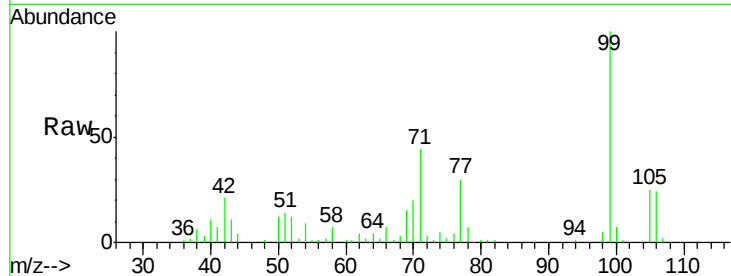
Tgt Ion: 77 Resp: 20268

Ion Ratio Lower Upper

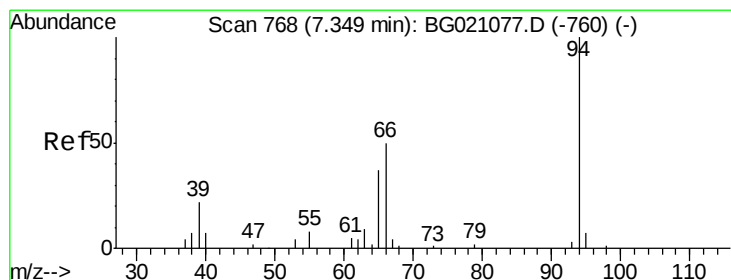
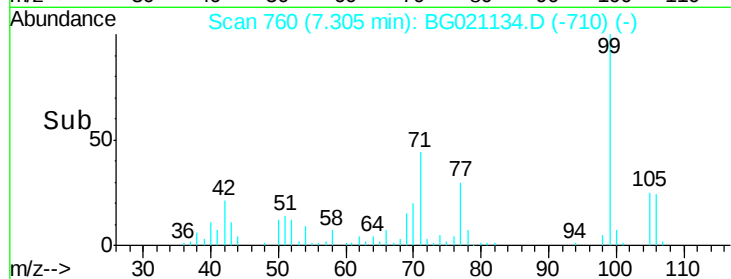
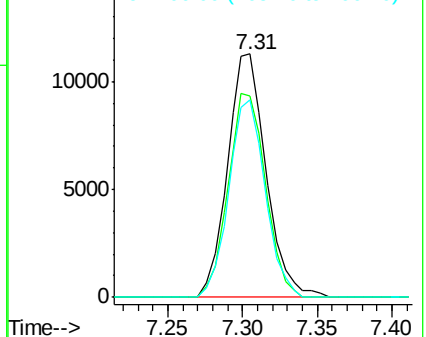
77 100

105 82.6 77.4 117.4

106 81.2 72.8 112.8



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: 52.44 ng

RT: 7.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

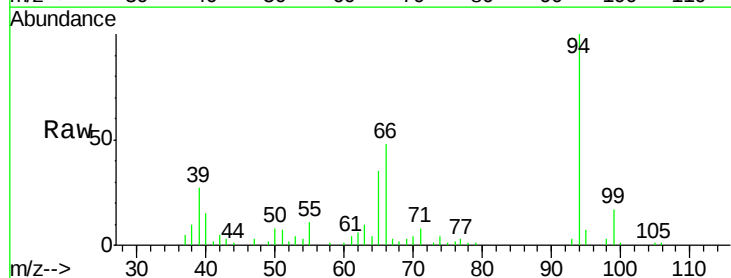
Tgt Ion: 94 Resp: 39258

Ion Ratio Lower Upper

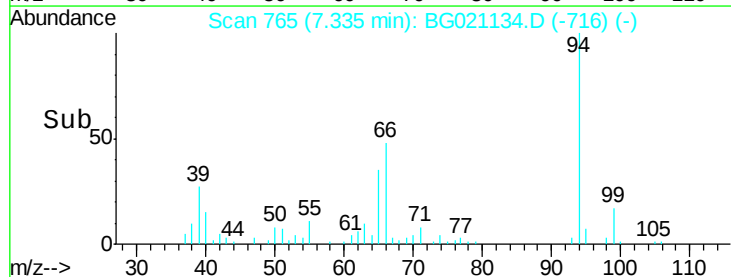
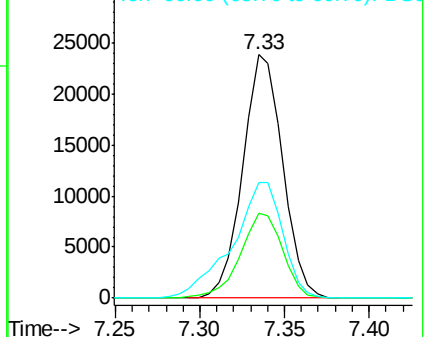
94 100

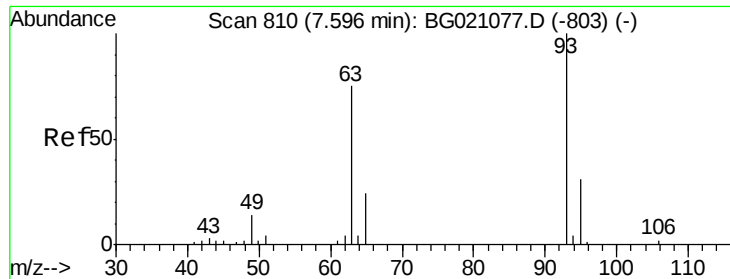
65 35.0 7.2 47.2

66 47.5 15.4 55.4



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

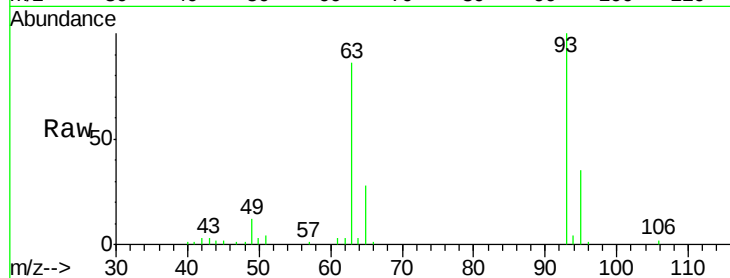




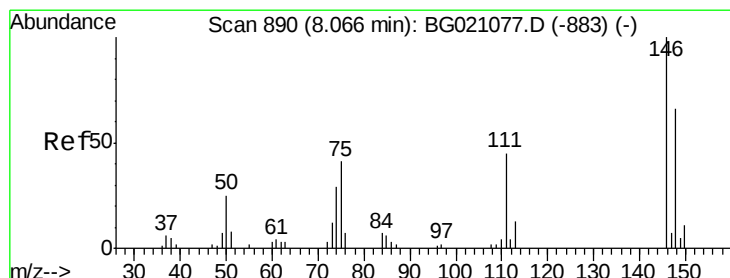
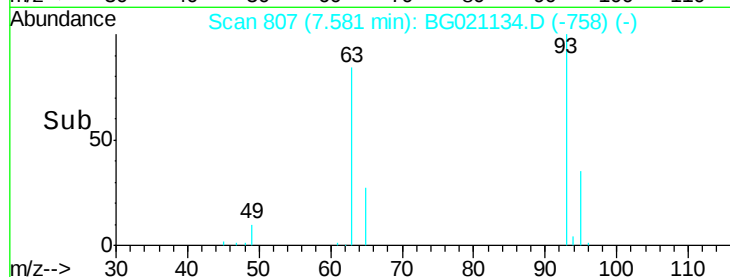
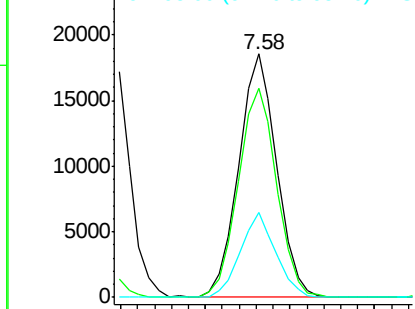
#11
bis(2-Chloroethyl)ether
Concen: 50.35 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 28888
Ion Ratio Lower Upper
93 100
63 86.0 60.5 100.5
95 34.8 14.6 54.6

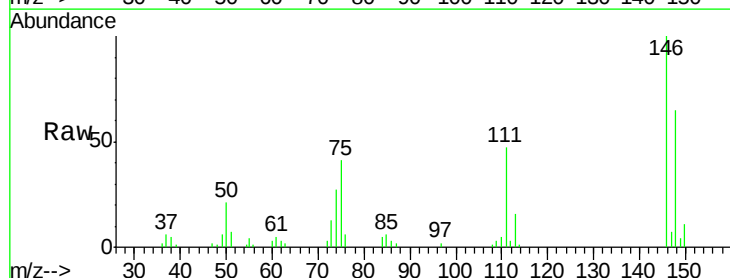


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

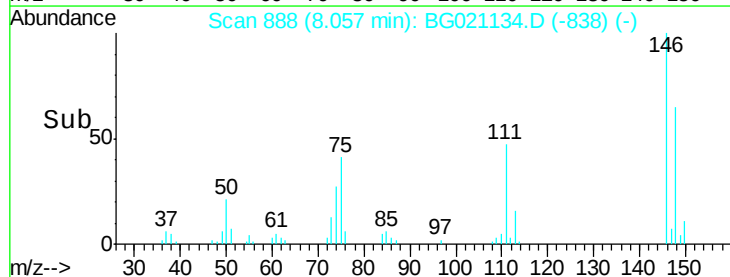
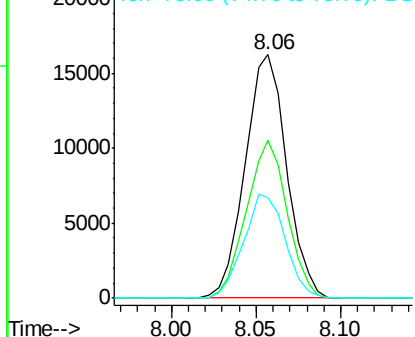


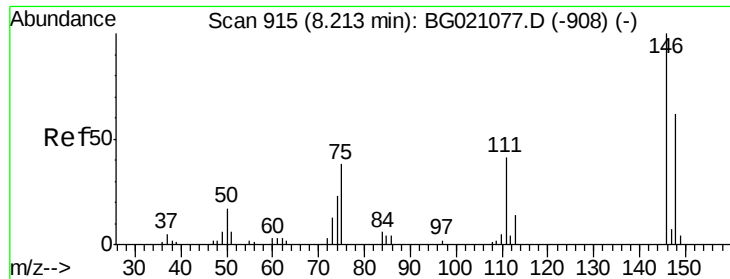
#12
1,3-Dichlorobenzene
Concen: 42.32 ng
RT: 8.06 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion: 146 Resp: 27588
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 41.1 24.0 36.0#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

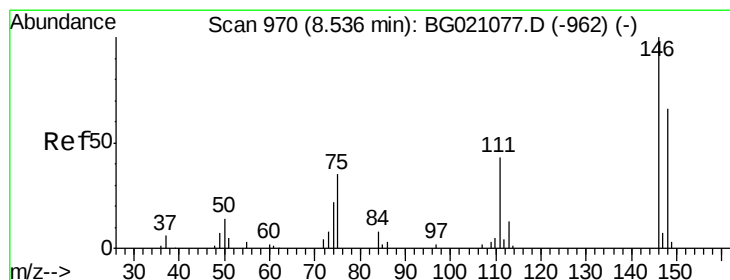
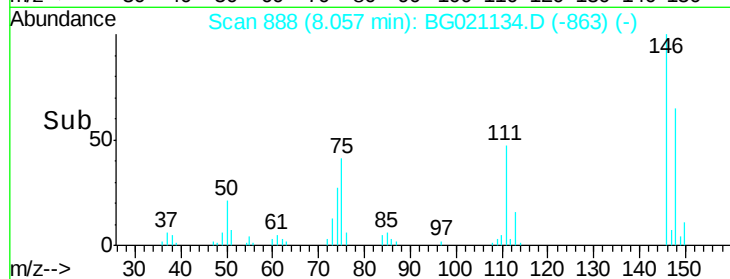
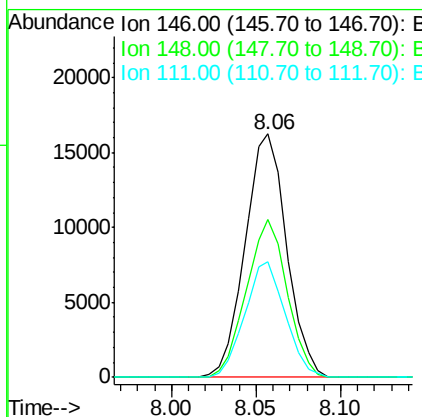
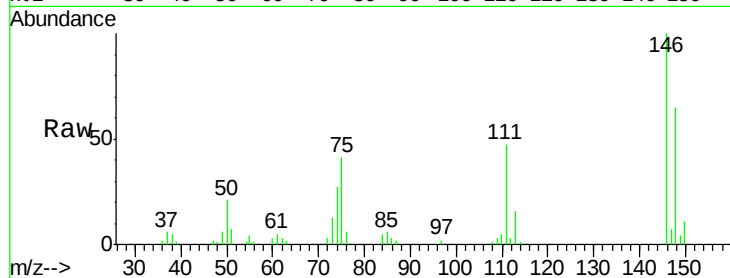




#13
 1,4-Dichlorobenzene
 Concen: 39.62 ng
 RT: 8.06 min Scan# 888
 Delta R.T. -0.16 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

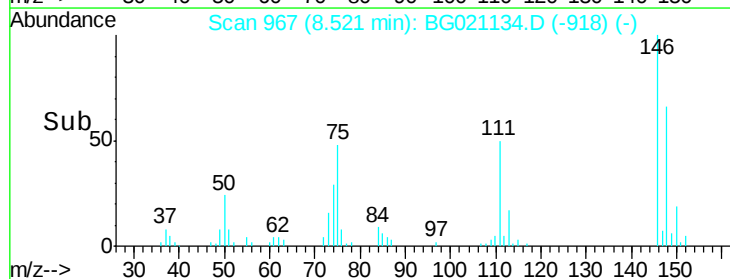
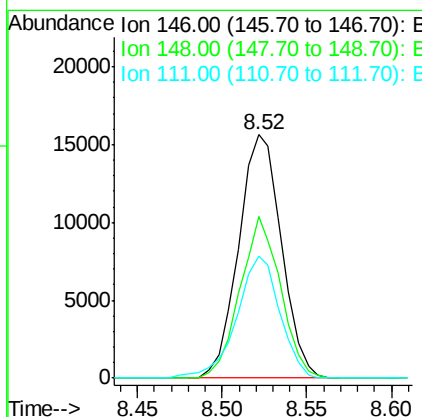
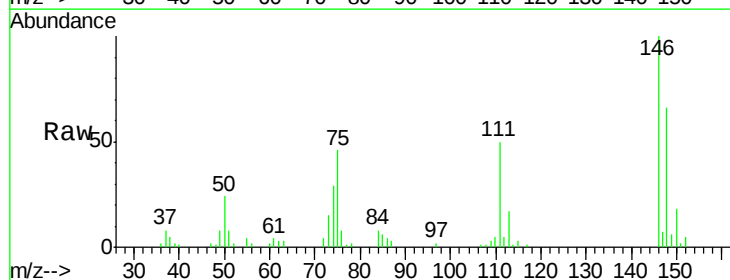
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

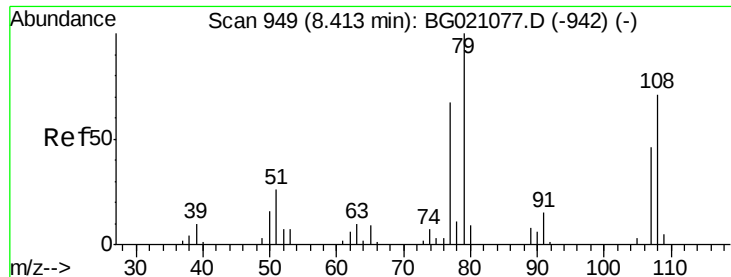
Tgt Ion:146 Resp: 27588
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.4
 111 47.3 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 41.64 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:146 Resp: 27450
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.5 75.7
 111 50.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 51.02 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

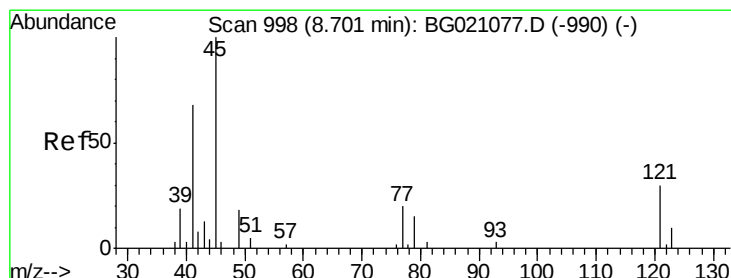
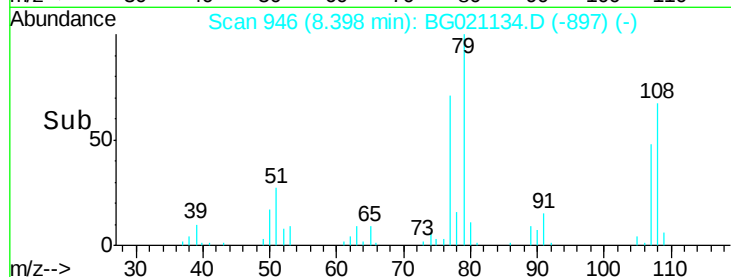
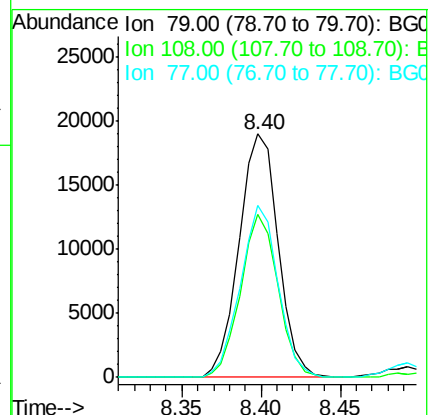
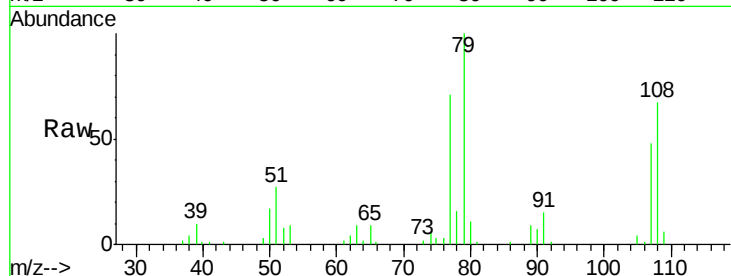
Tgt Ion: 79 Resp: 32564

Ion Ratio Lower Upper

79 100

108 66.9 65.1 97.7

77 70.7 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.58 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

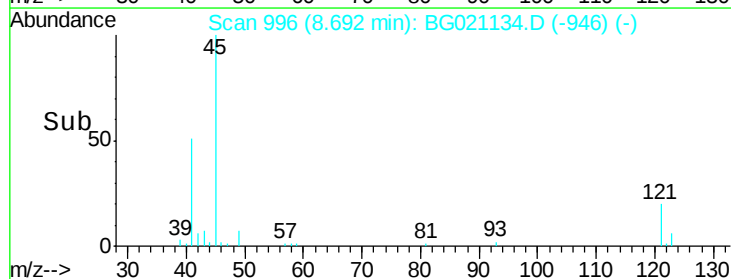
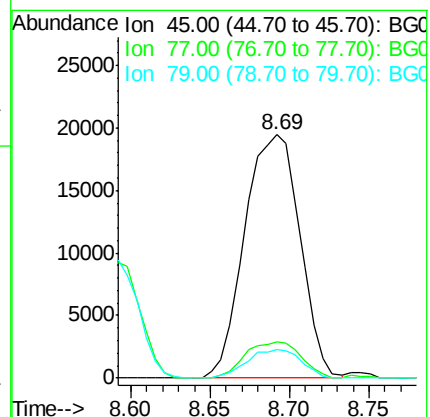
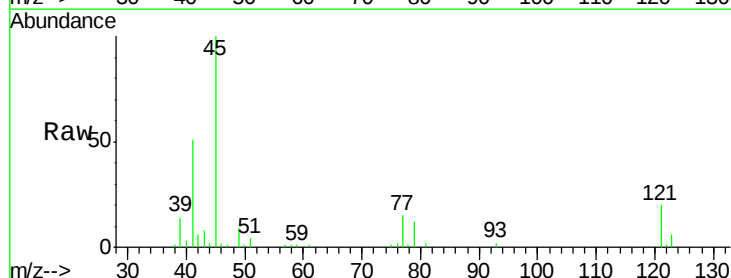
Tgt Ion: 45 Resp: 47090

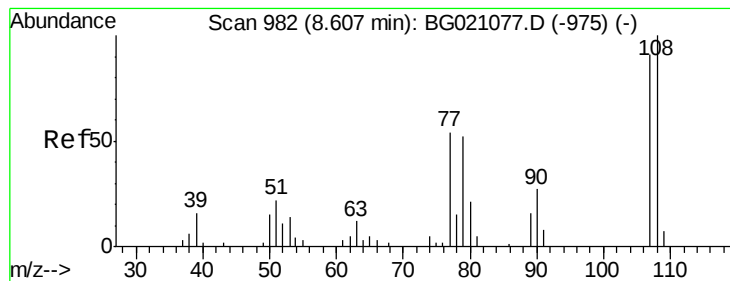
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.3

79 11.9 0.0 29.6





#17

2-Methylphenol

Concen: 51.82 ng

RT: 8.59 min Scan# 979

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 27380

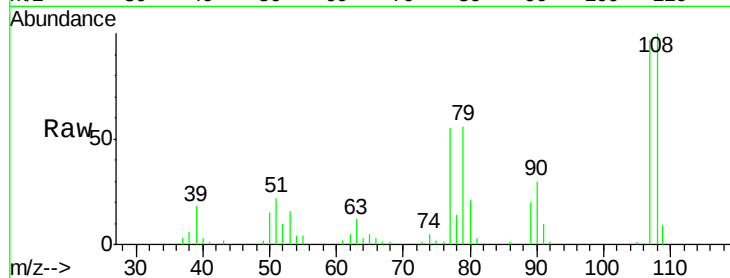
Ion Ratio Lower Upper

107 100

108 103.2 88.8 133.2

77 56.6 38.0 57.0

79 57.6 32.6 49.0#



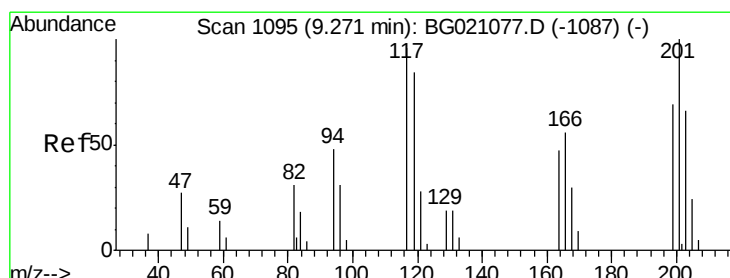
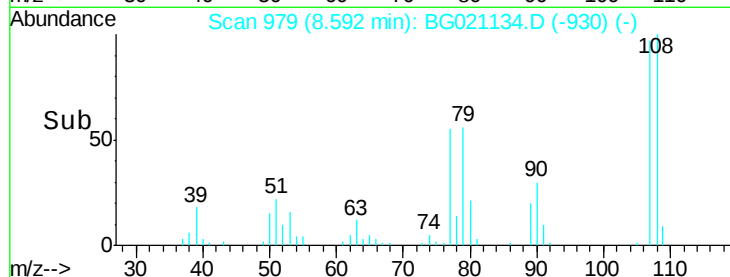
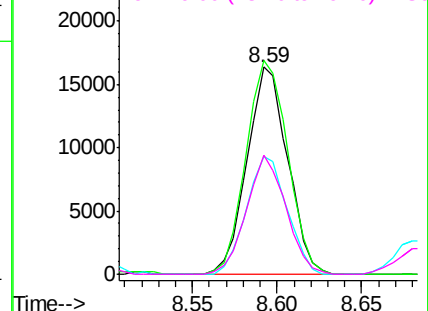
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.11 ng

RT: 9.26 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

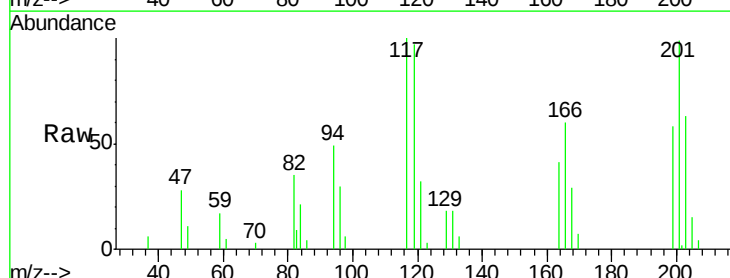
Tgt Ion:117 Resp: 11618

Ion Ratio Lower Upper

117 100

119 97.4 74.5 111.7

201 99.3 68.2 102.4

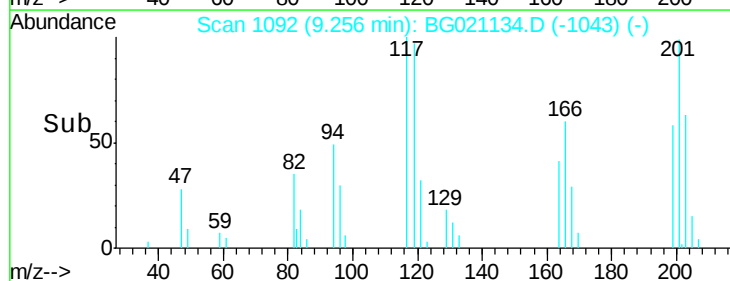
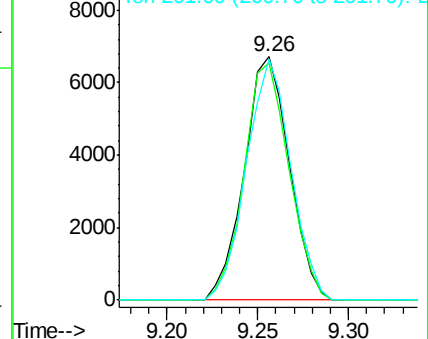


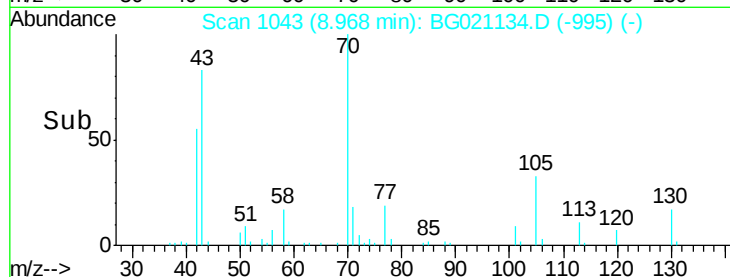
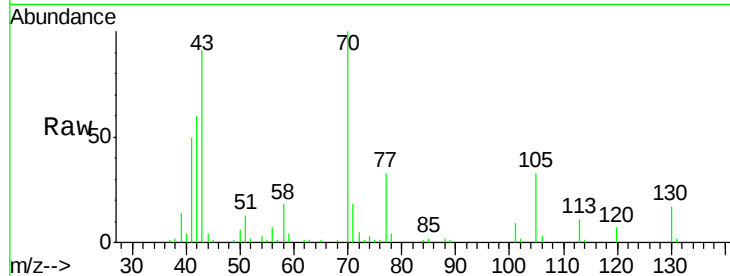
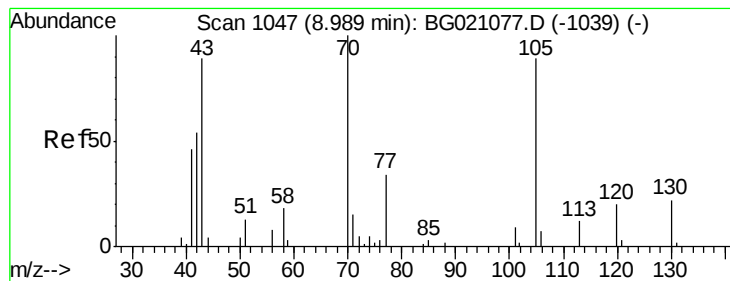
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 57.57 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 32452

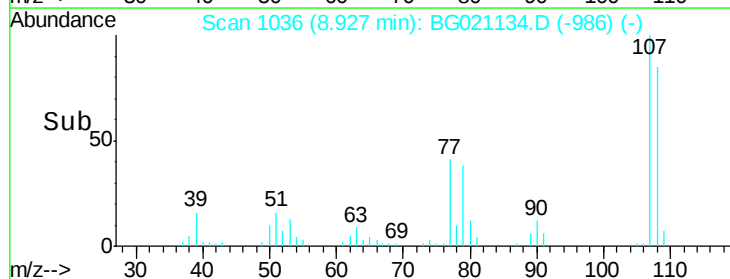
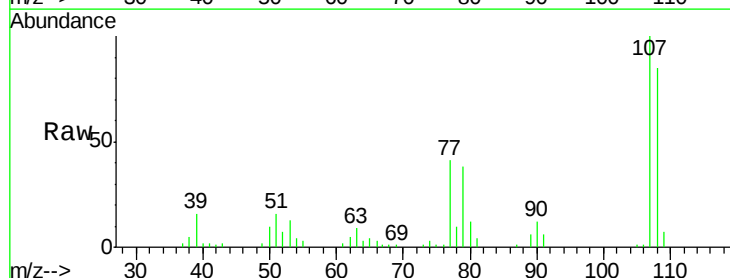
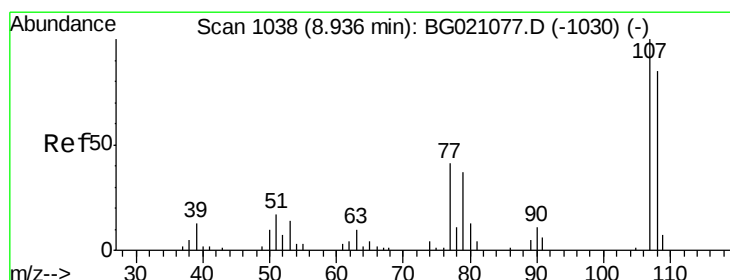
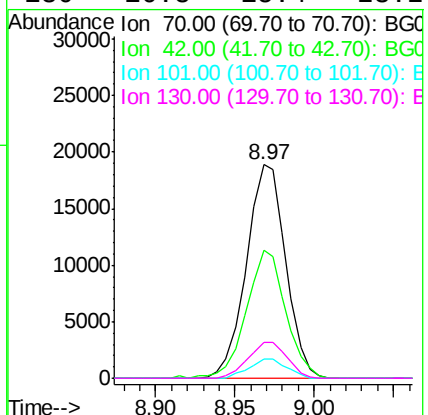
Ion Ratio Lower Upper

70 100

42 59.8 48.8 73.2

101 9.3 8.5 12.7

130 16.8 15.4 23.2



#20

3+4-Methylphenols

Concen: 52.32 ng

RT: 8.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Tgt Ion: 107 Resp: 38332

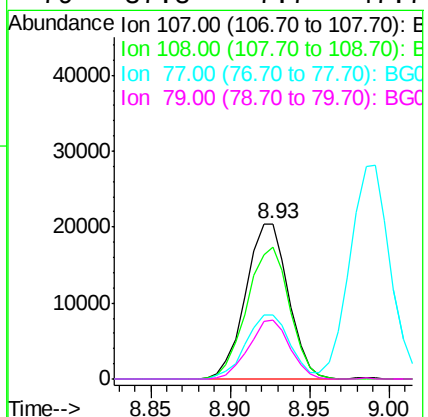
Ion Ratio Lower Upper

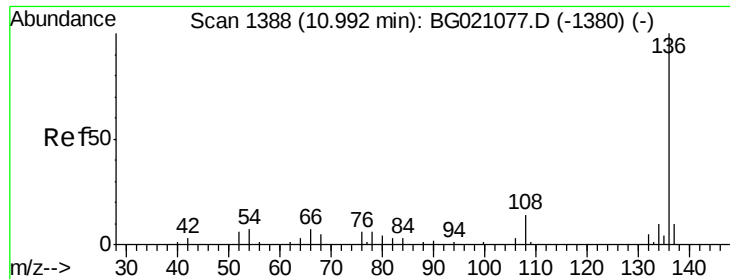
107 100

108 84.9 67.6 107.6

77 41.2 14.4 54.4

79 37.8 7.7 47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

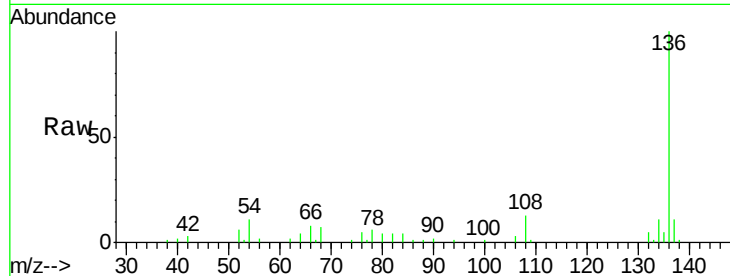
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:	136	Resp:	46779
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.8	6.9	10.3
68	7.3	5.8	8.6

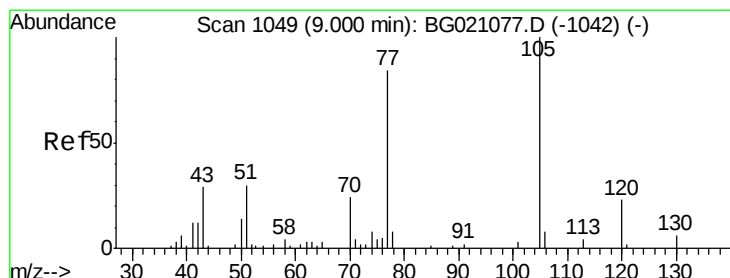
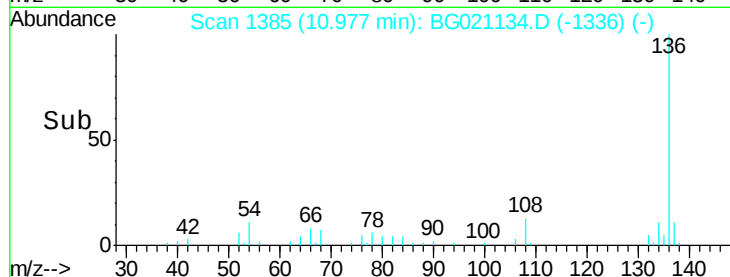
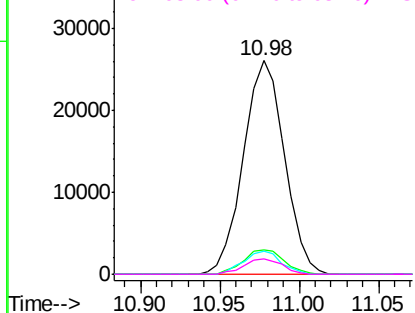


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.00 ng

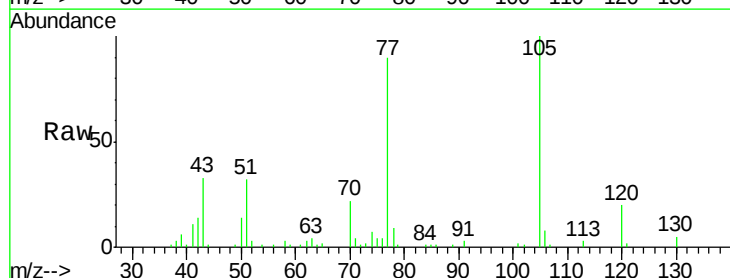
RT: 8.99 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Tgt Ion:	105	Resp:	54235
Ion	Ratio	Lower	Upper
105	100		
71	3.7	0.0	0.0
51	31.7	21.4	32.2
120	20.0	18.0	27.0

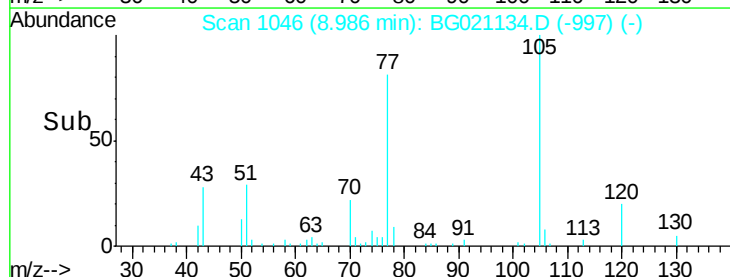
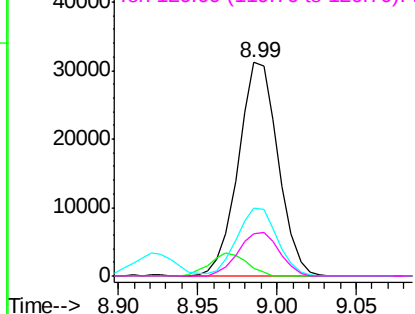


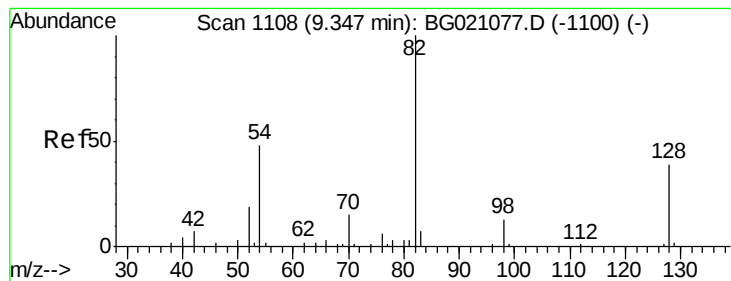
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.22 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

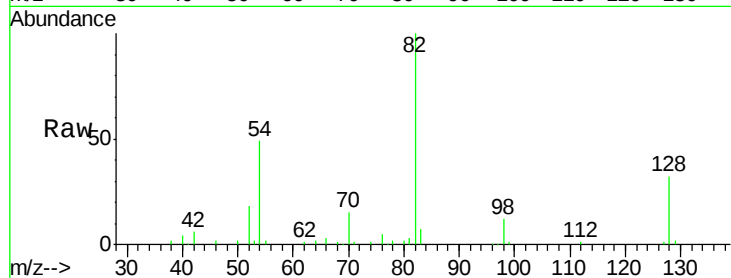
Tgt Ion: 82 Resp: 87595

Ion Ratio Lower Upper

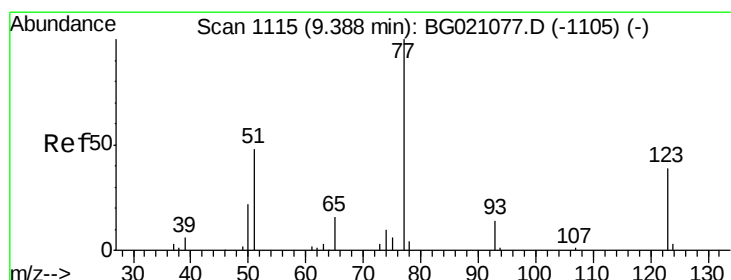
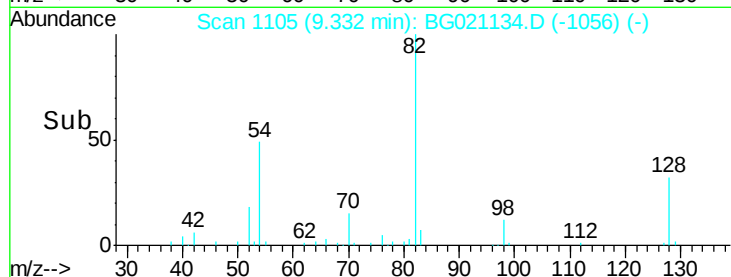
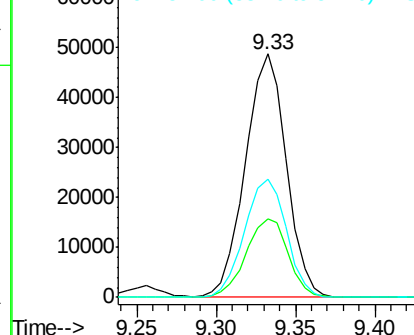
82 100

128 32.5 36.3 54.5#

54 48.6 37.6 56.4



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: 47.03 ng

RT: 9.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

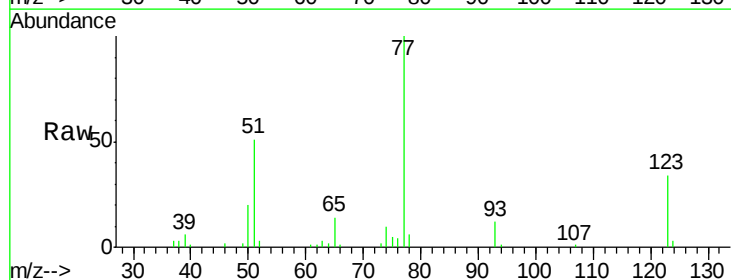
Tgt Ion: 77 Resp: 47706

Ion Ratio Lower Upper

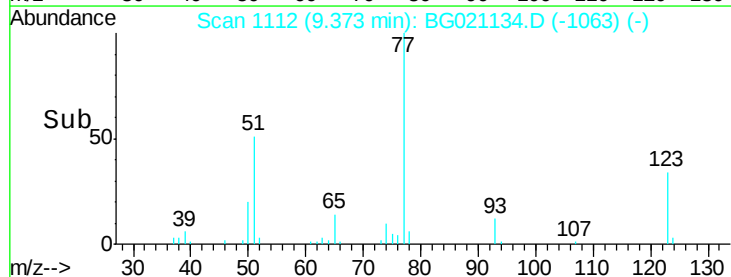
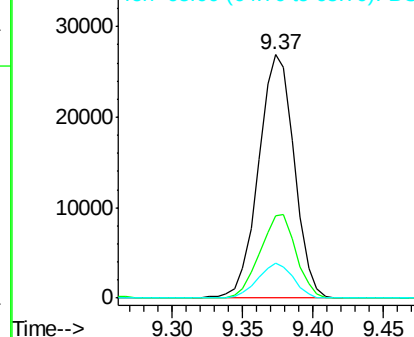
77 100

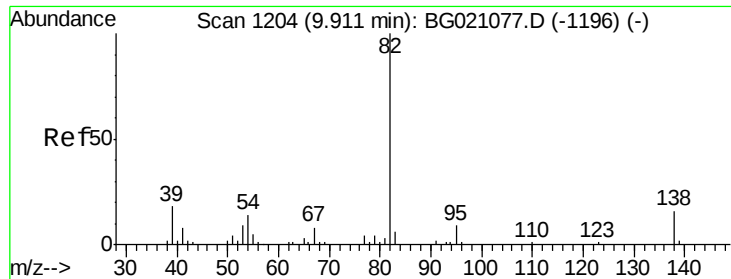
123 33.6 35.8 53.6#

65 14.1 10.6 16.0



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: 48.60 ng

RT: 9.90 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

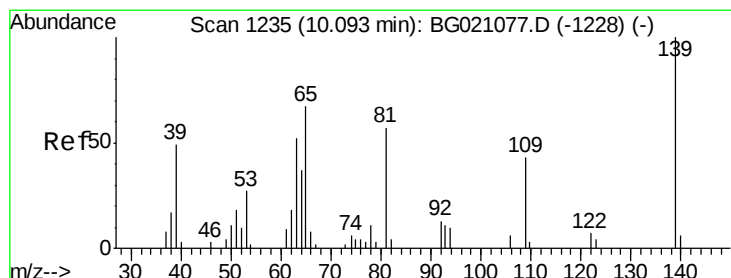
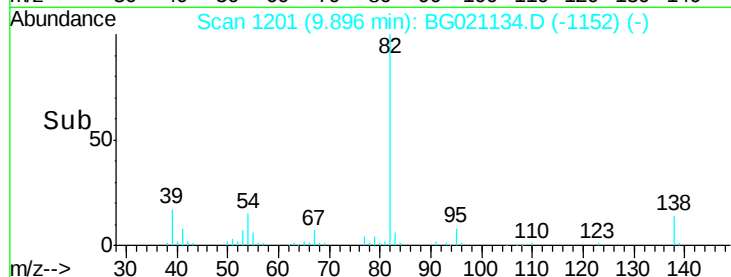
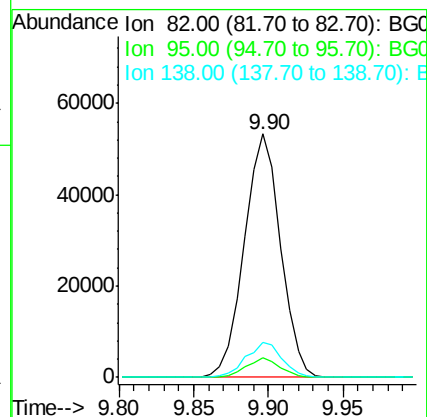
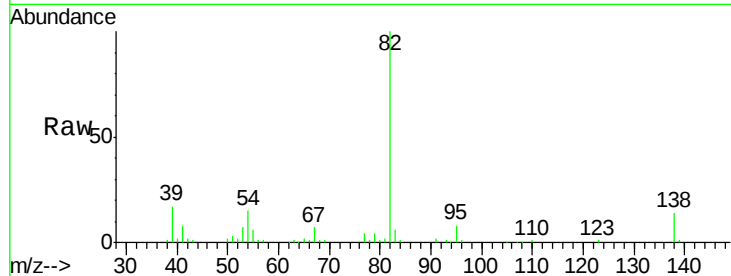
Tgt Ion: 82 Resp: 89432

Ion Ratio Lower Upper

82 100

95 7.8 5.4 8.0

138 14.5 13.4 20.0



#26

2-Nitrophenol

Concen: 39.38 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

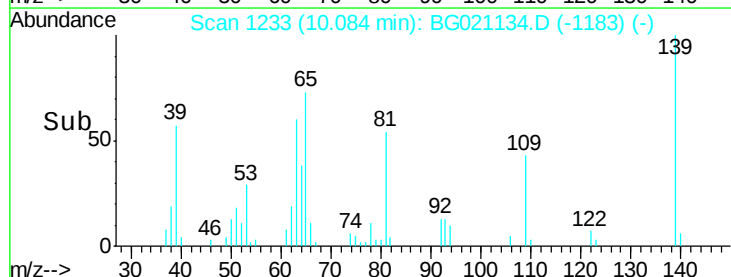
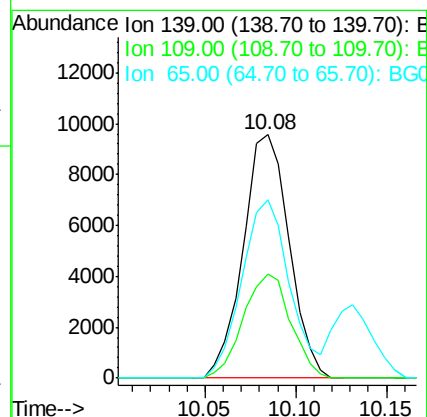
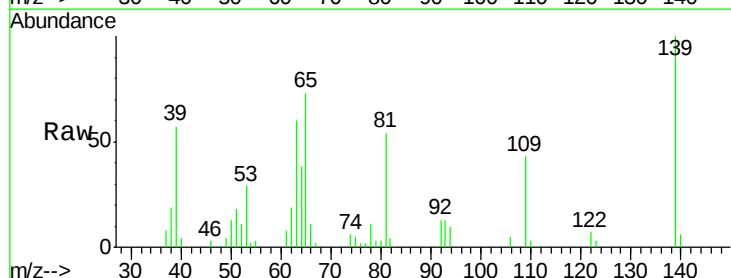
Tgt Ion: 139 Resp: 16886

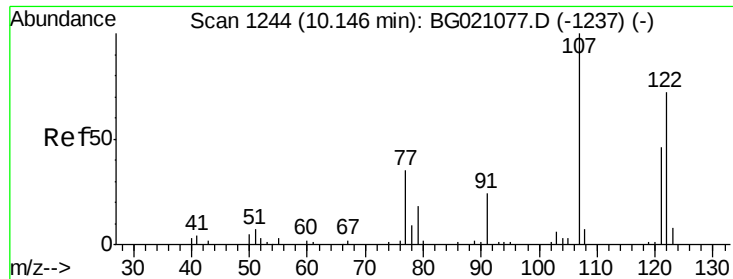
Ion Ratio Lower Upper

139 100

109 42.5 21.4 32.0#

65 73.1 37.8 56.8#

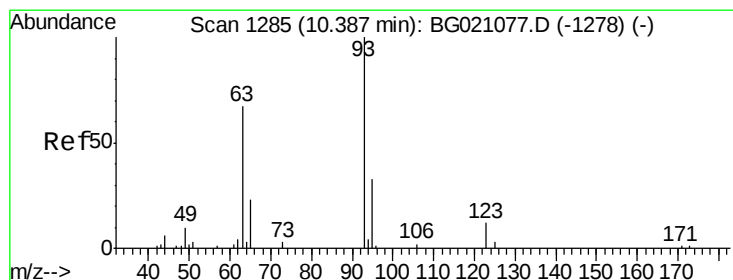
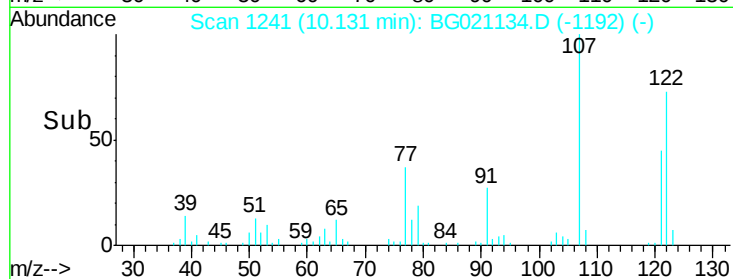
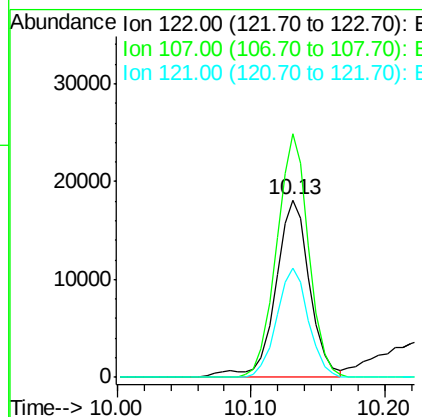
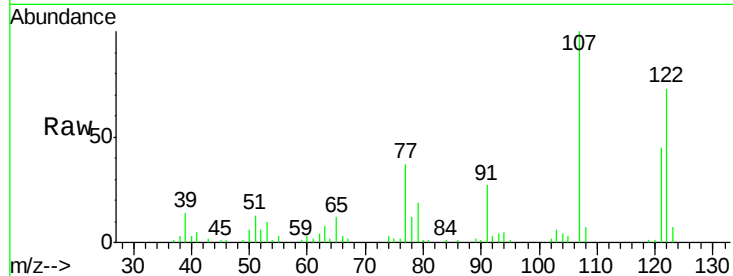




#27
 2,4-Dimethylphenol
 Concen: 42.67 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

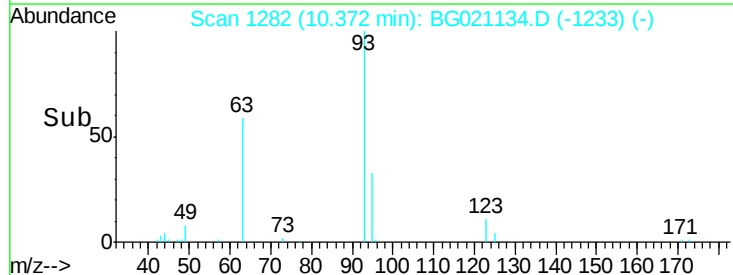
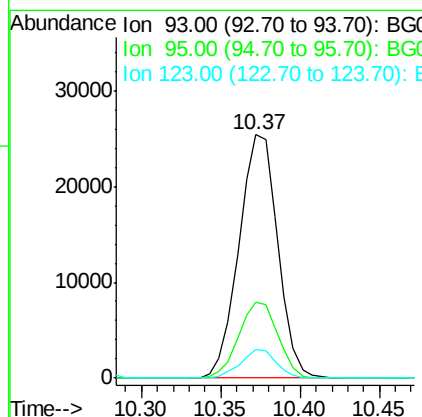
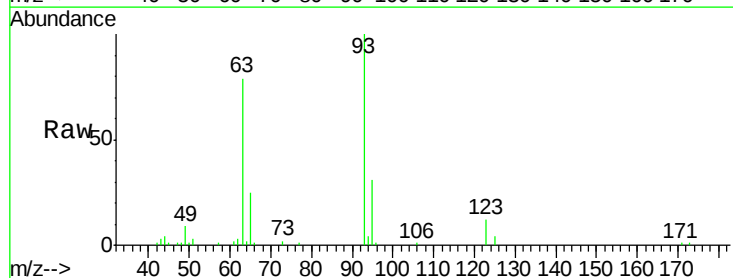
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

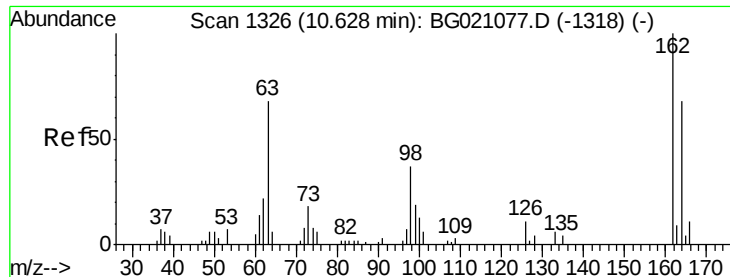
Tgt Ion:122 Resp: 32276
 Ion Ratio Lower Upper
 122 100
 107 137.3 94.1 141.1
 121 61.8 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.97 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion: 93 Resp: 43015
 Ion Ratio Lower Upper
 93 100
 95 31.4 24.2 36.2
 123 11.6 9.0 13.6

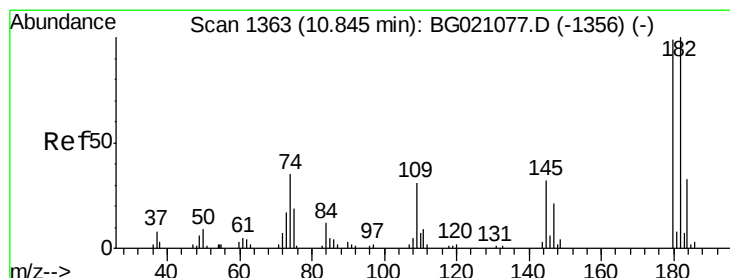
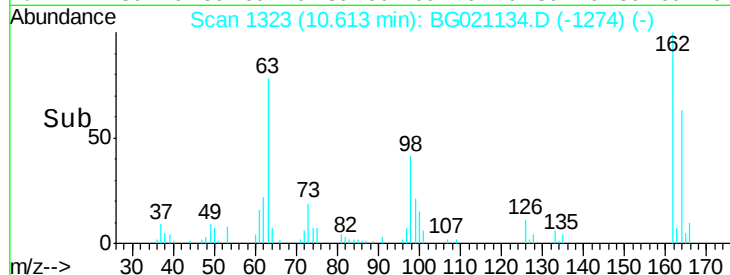
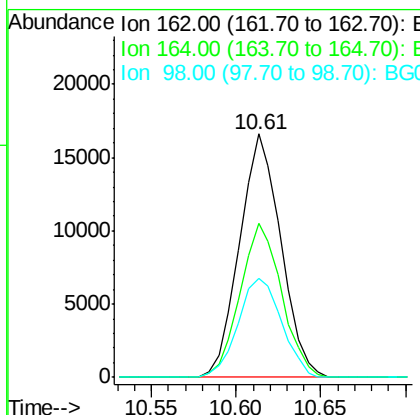
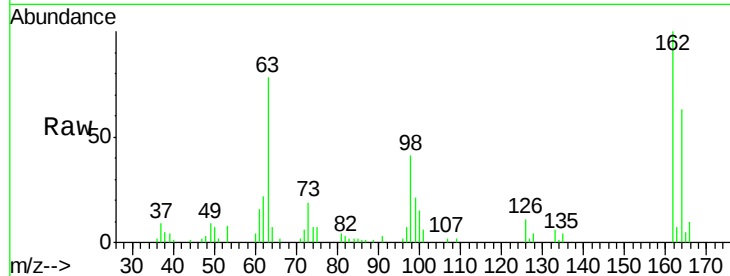




#29
 2,4-Dichlorophenol
 Concen: 38.05 ng
 RT: 10.61 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

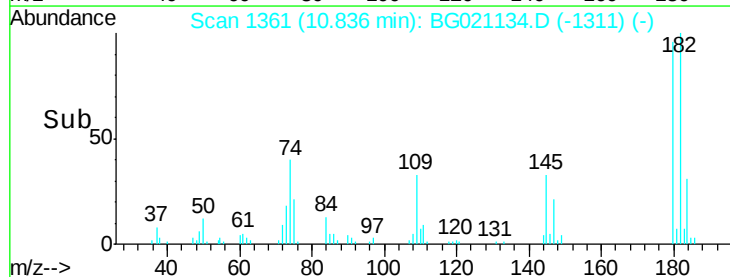
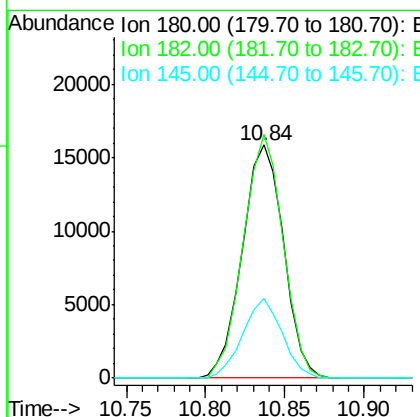
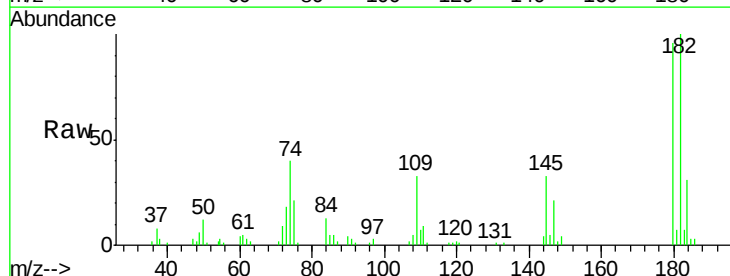
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

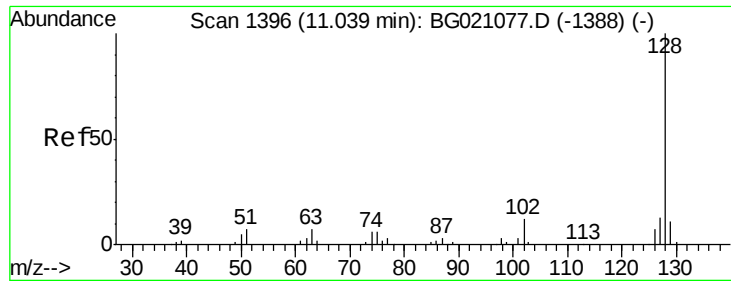
Tgt Ion:162 Resp: 28176
 Ion Ratio Lower Upper
 162 100
 164 63.2 43.7 83.7
 98 40.8 18.3 58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.24 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:180 Resp: 28738
 Ion Ratio Lower Upper
 180 100
 182 104.6 77.4 116.0
 145 34.5 25.7 38.5

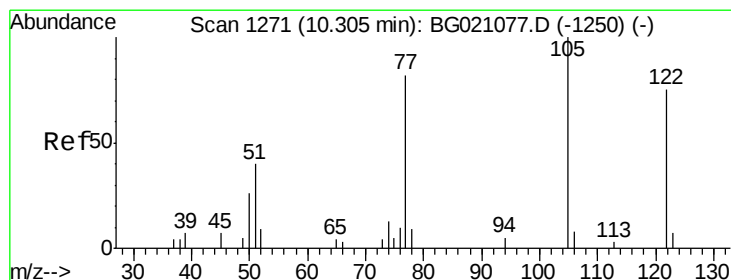
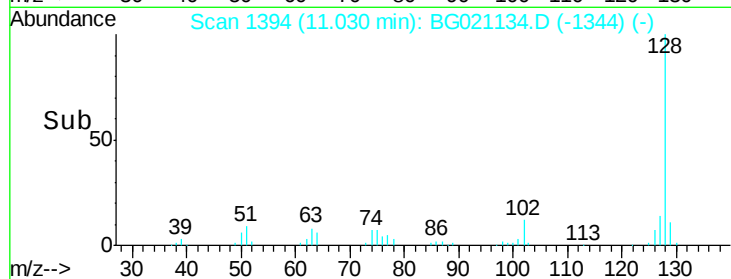
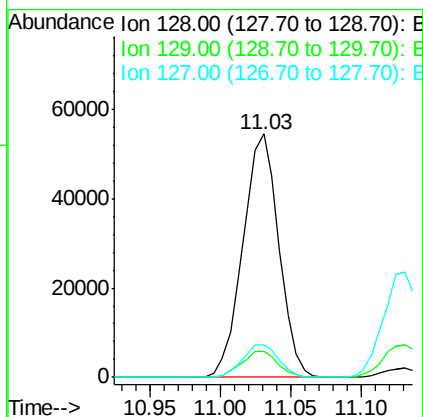
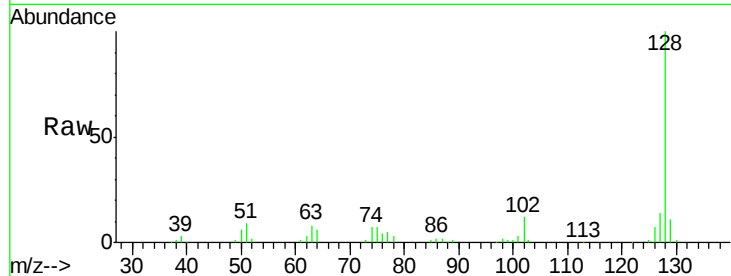




#31
Naphthalene
Concen: 40.39 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

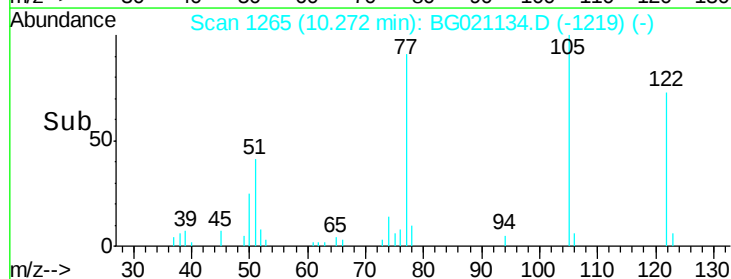
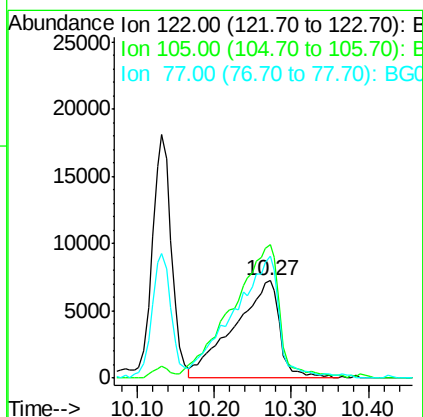
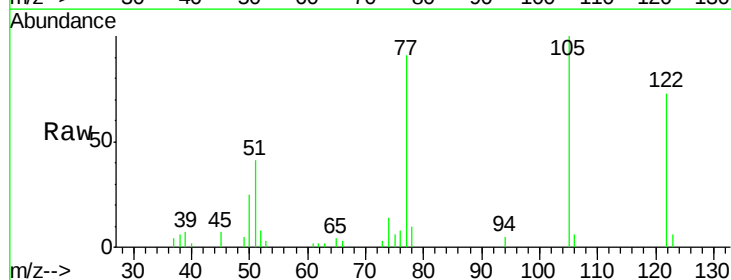
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

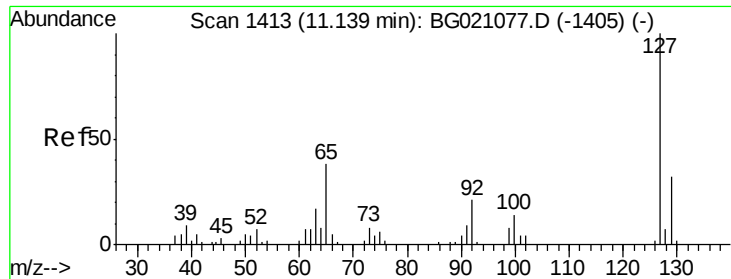
Tgt Ion:128 Resp: 97045
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 43.25 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:122 Resp: 30039
Ion Ratio Lower Upper
122 100
105 137.2 98.7 138.7
77 125.4 84.5 124.5#

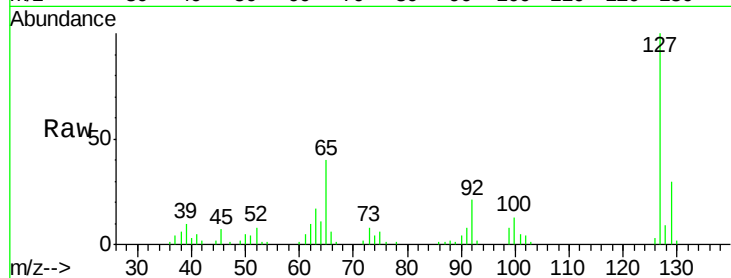




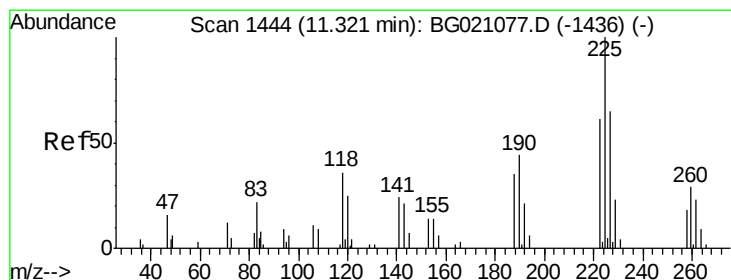
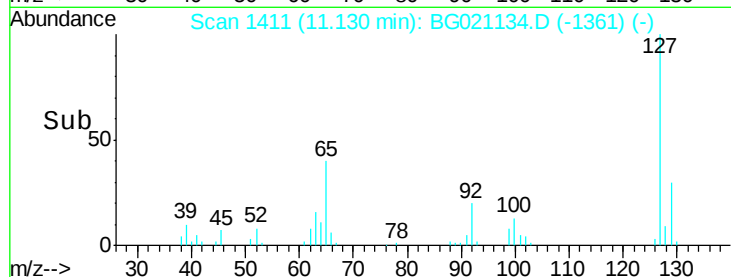
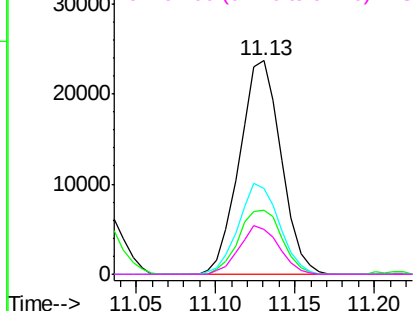
#33
4-Chloroaniline
Concen: 43.01 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	43164
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	40.3	22.9	34.3#
92	20.8	15.0	22.6

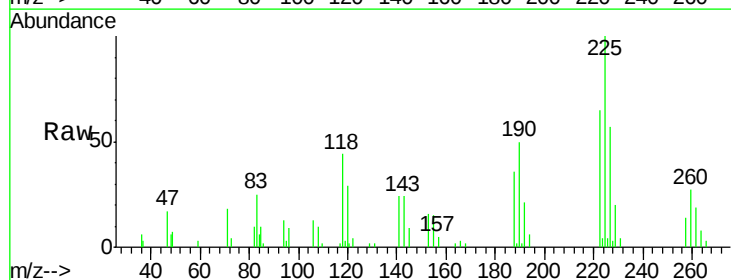


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

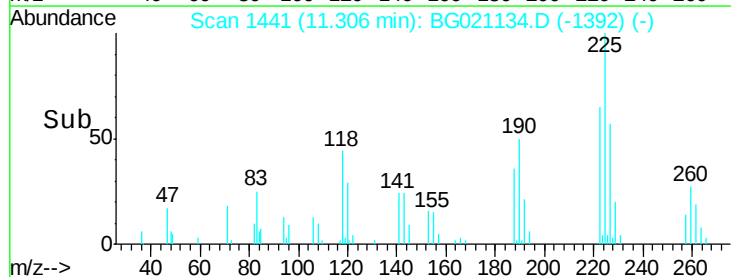
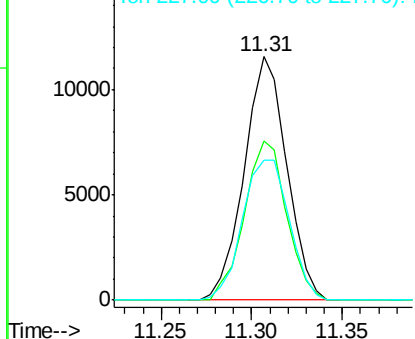


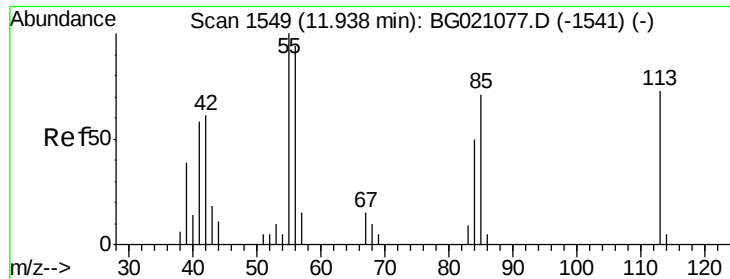
#34
Hexachlorobutadiene
Concen: 33.57 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:	225	Resp:	18852
Ion	Ratio	Lower	Upper
225	100		
223	65.2	54.6	82.0
227	60.4	54.6	81.8



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: 49.66 ng

RT: 11.91 min Scan# 1544

Delta R.T. -0.03 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

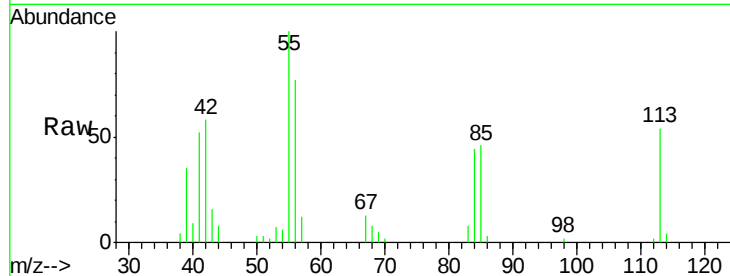
Tgt Ion:113 Resp: 12424

Ion Ratio Lower Upper

113 100

55 186.5 155.2 195.2

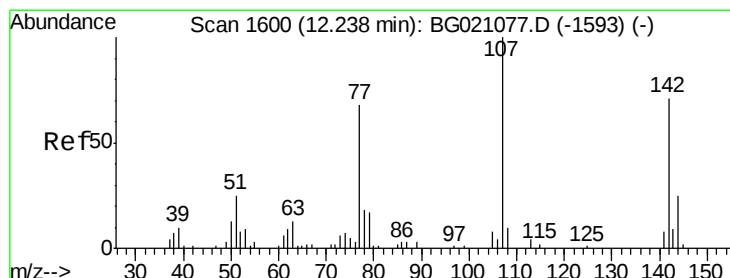
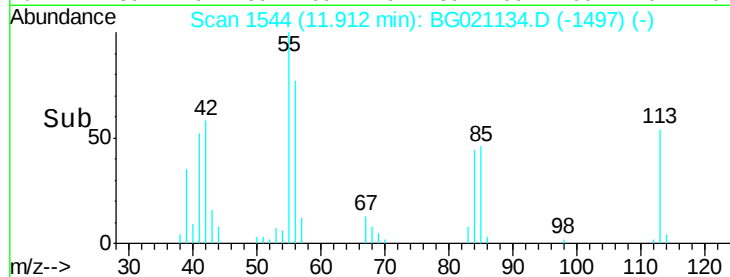
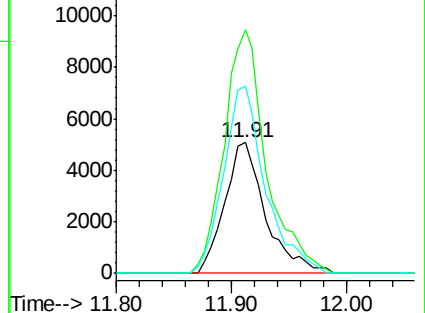
56 143.8 94.0 134.0#



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: 45.63 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

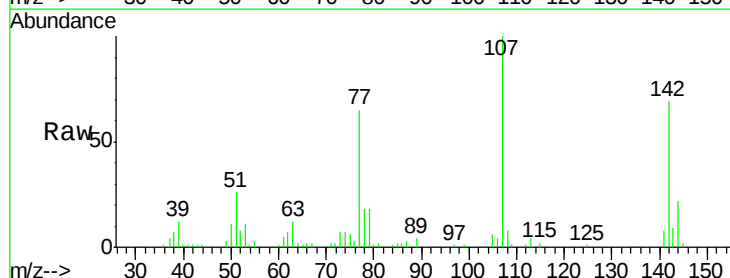
Tgt Ion:107 Resp: 41416

Ion Ratio Lower Upper

107 100

144 21.7 21.8 32.8#

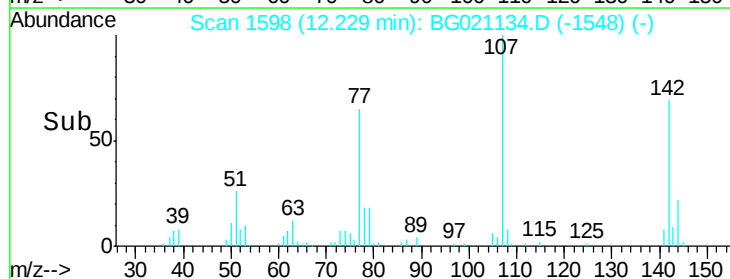
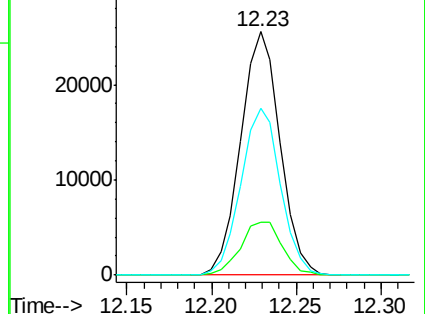
142 68.8 65.6 98.4

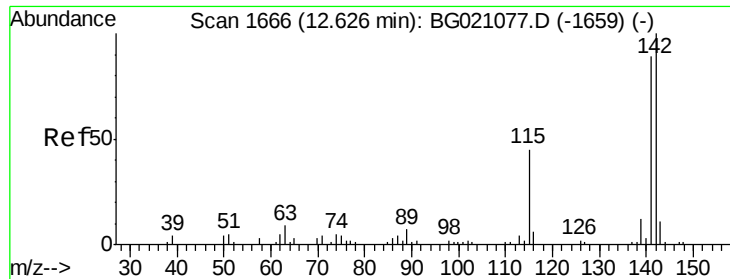


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

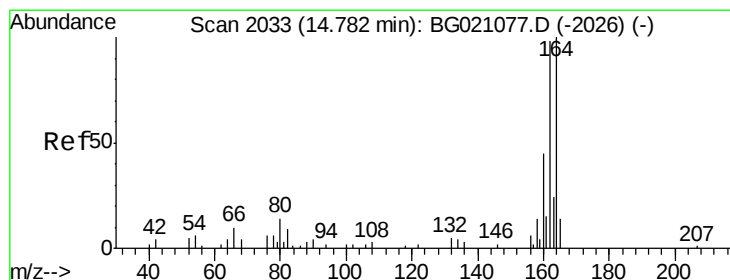
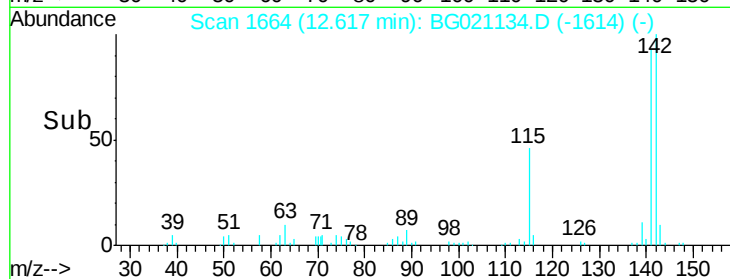
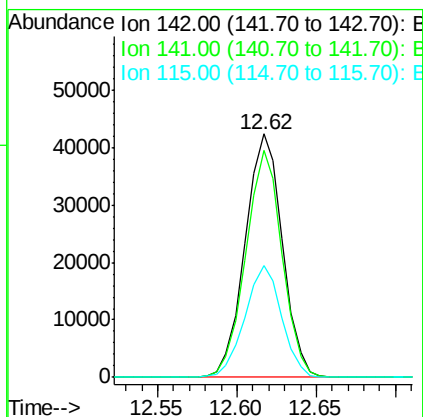
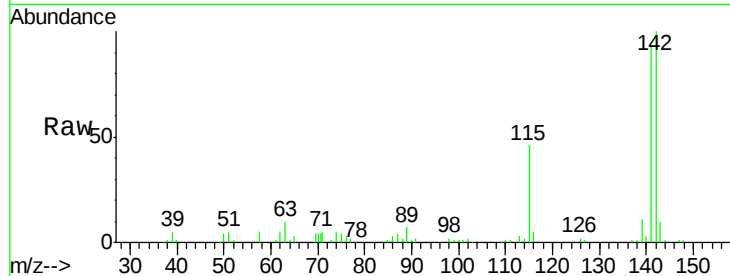




#37
 2-Methylnaphthalene
 Concen: 40.91 ng
 RT: 12.62 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

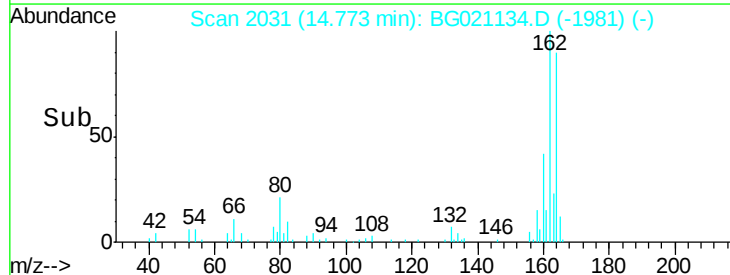
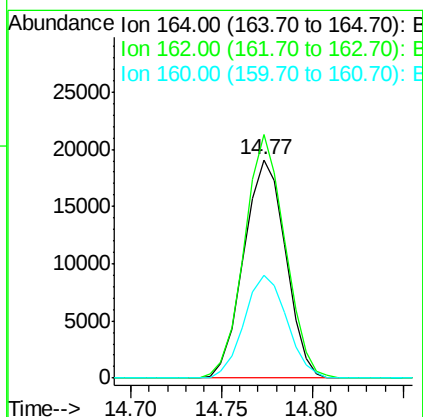
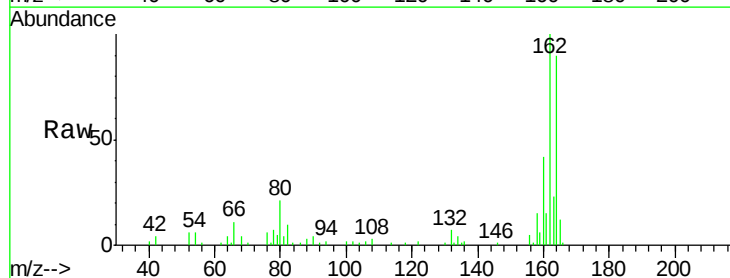
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

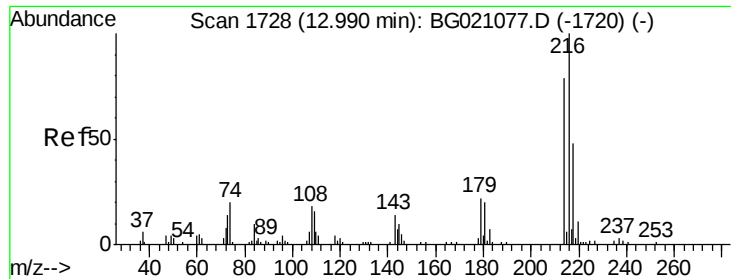
Tgt Ion:142 Resp: 69032
 Ion Ratio Lower Upper
 142 100
 141 93.1 71.7 107.5
 115 45.9 26.2 39.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:164 Resp: 30595
 Ion Ratio Lower Upper
 164 100
 162 111.5 80.6 120.8
 160 47.0 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.64 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 38033

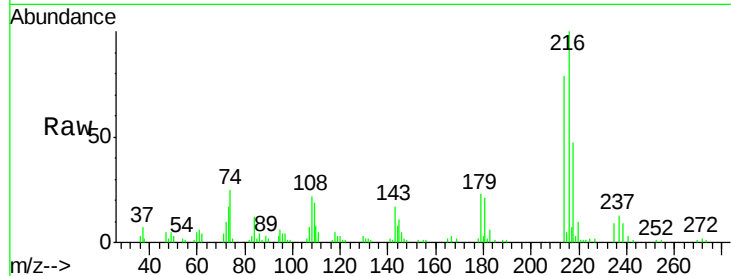
Ion Ratio Lower Upper

216 100

214 80.4 63.5 95.3

179 23.1 17.4 26.0

108 25.1 16.8 25.2

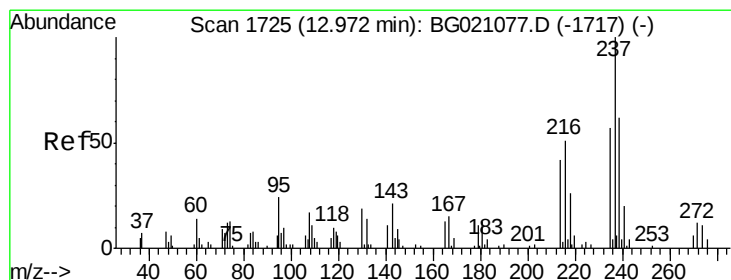
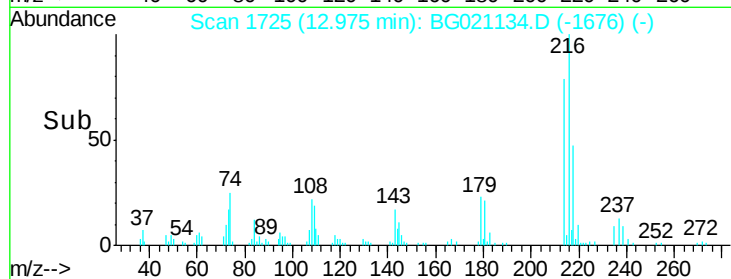
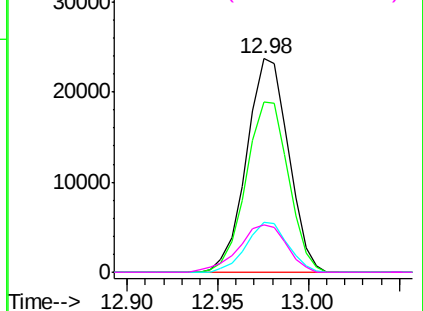


Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.85 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

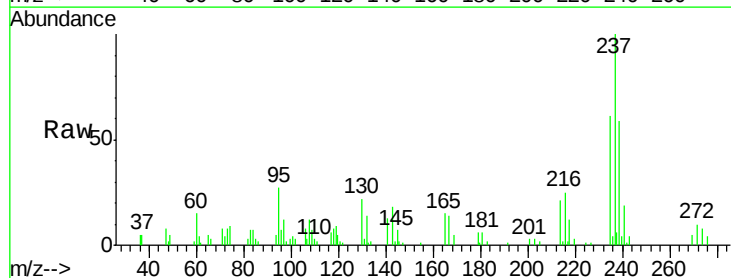
Tgt Ion:237 Resp: 23680

Ion Ratio Lower Upper

237 100

235 61.1 42.9 82.9

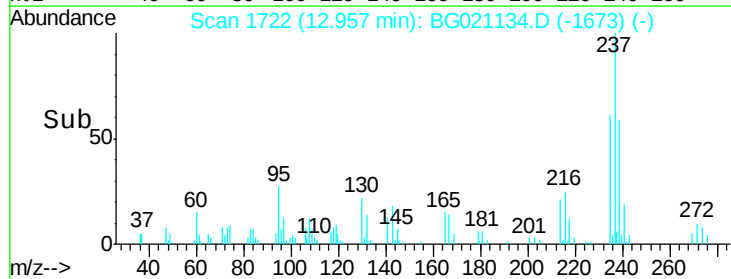
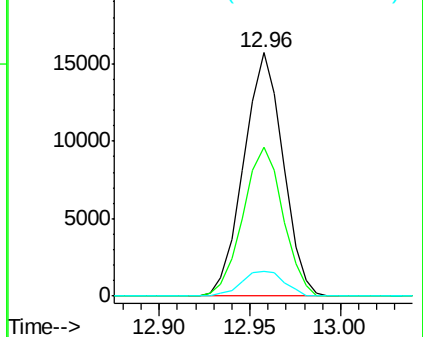
272 10.4 0.0 32.3

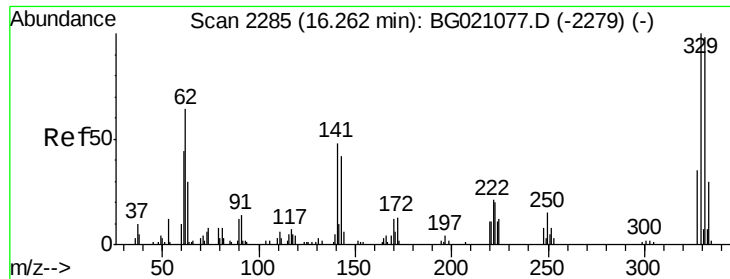


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

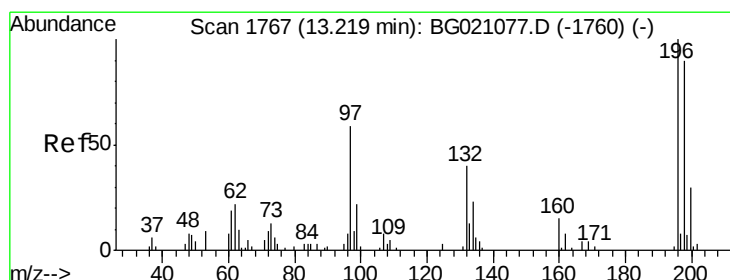
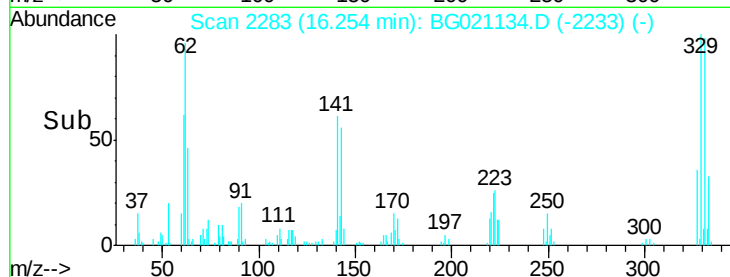
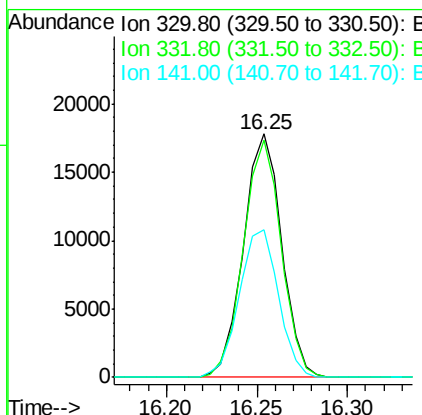
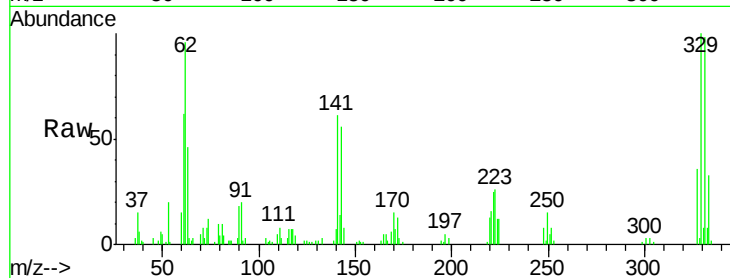




#41
 2,4,6-Tribromophenol
 Concen: 65.15 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

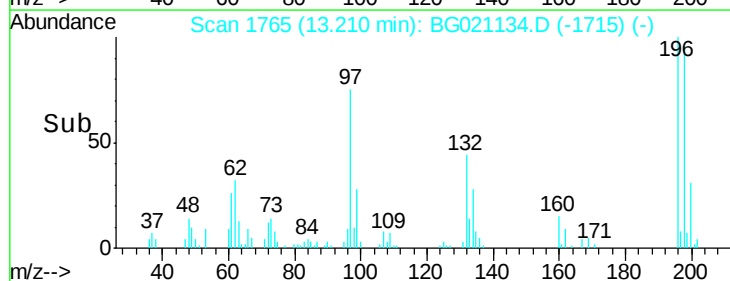
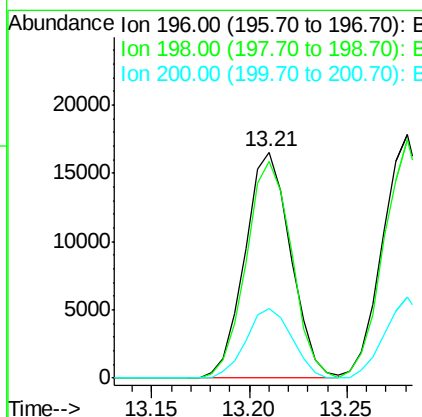
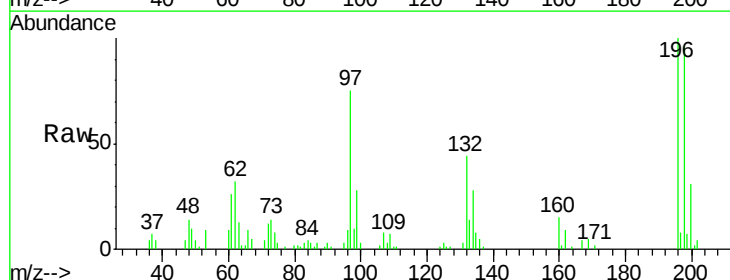
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

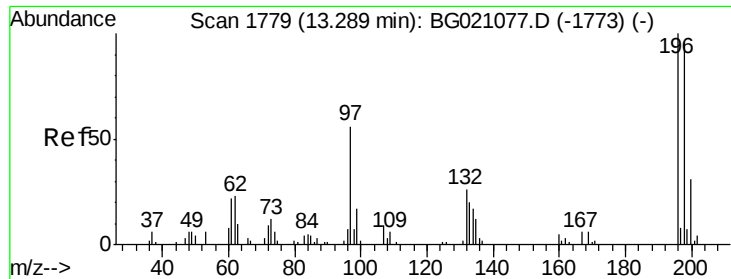
Tgt Ion:330 Resp: 26134
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 62.1 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 37.99 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:196 Resp: 26939
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.8 113.8
 200 30.9 23.8 35.8

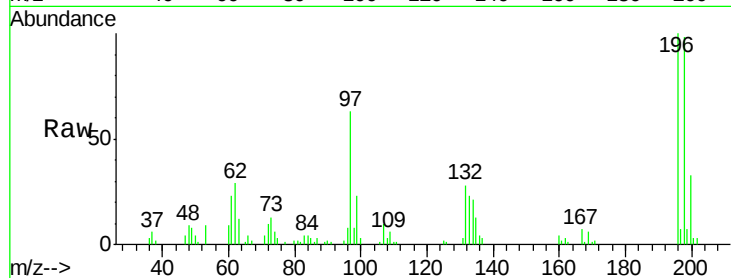




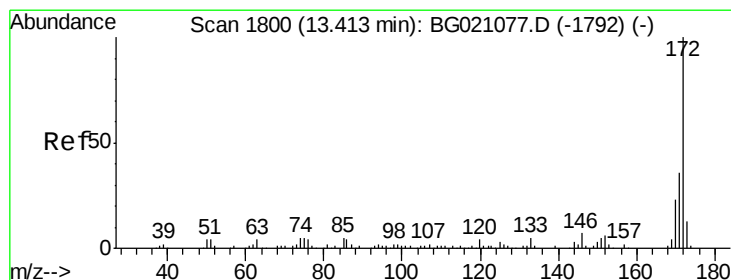
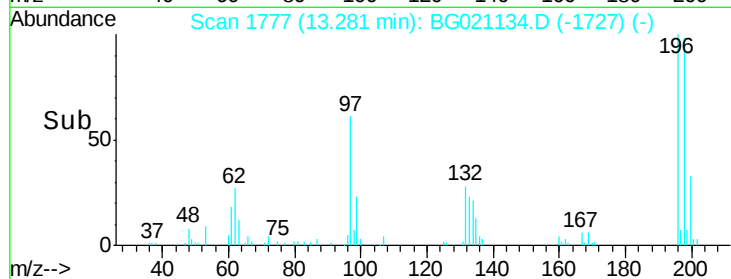
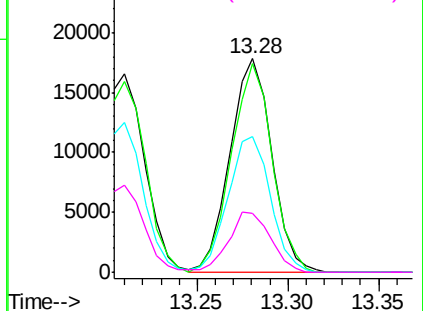
#43
 2,4,5-Trichlorophenol
 Concen: 39.17 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	28537
Ion	Ratio	Lower	Upper
196	100		
198	97.8	80.2	120.4
97	63.2	42.9	64.3
132	27.6	25.5	38.3

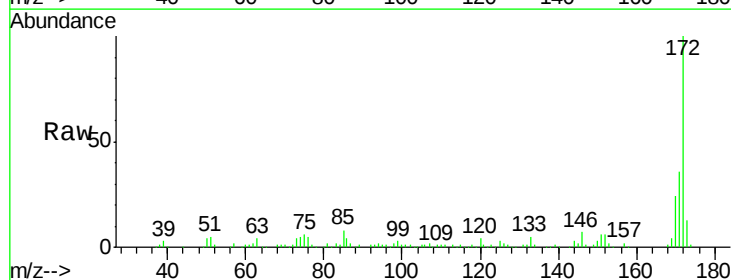


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

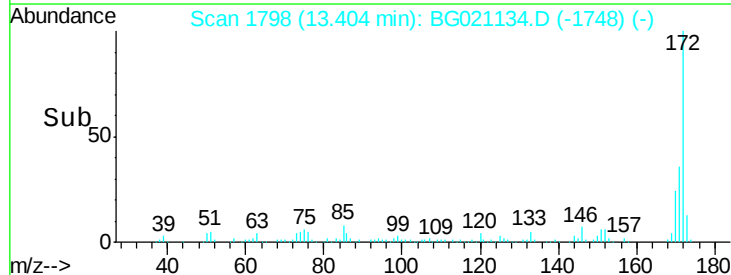
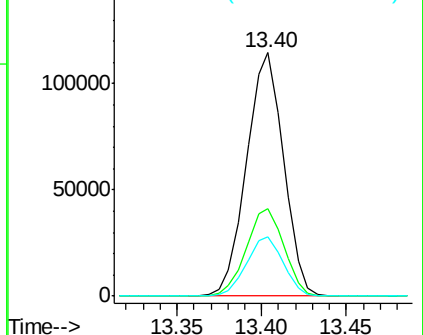


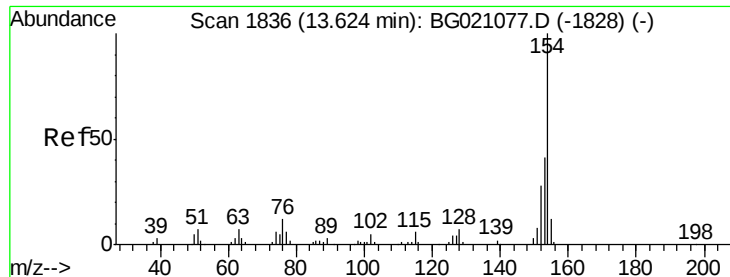
#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:	172	Resp:	174641
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	19.8	29.8



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

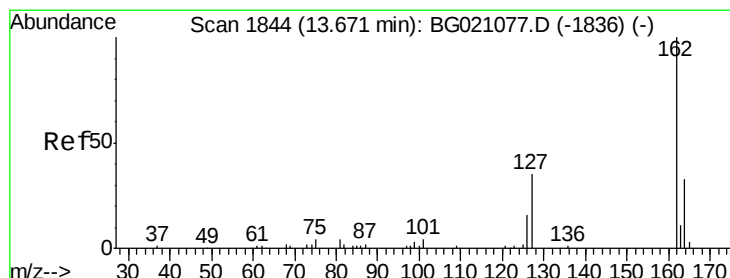
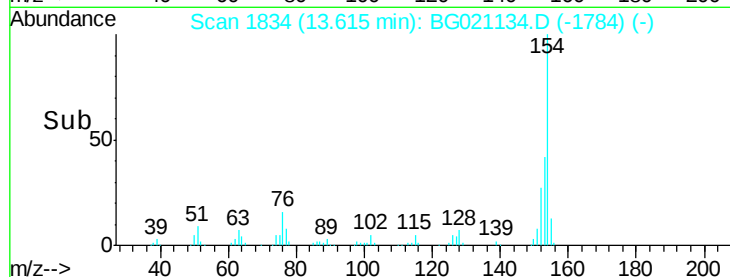
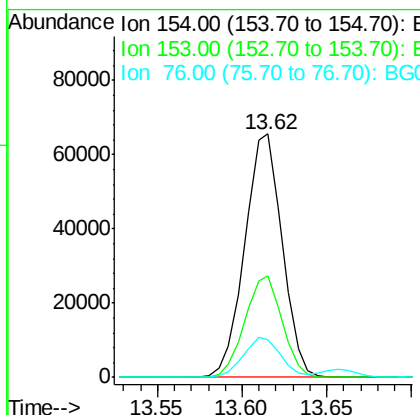
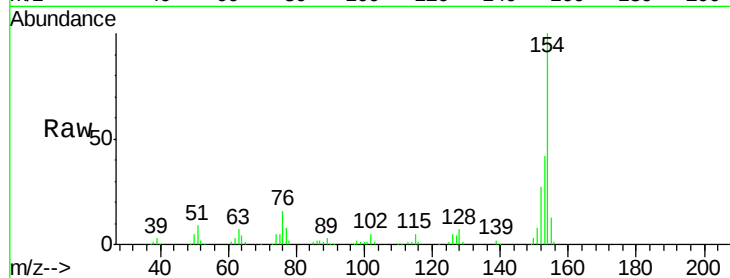




#45
 1,1'-Biphenyl
 Concen: 39.26 ng
 RT: 13.62 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

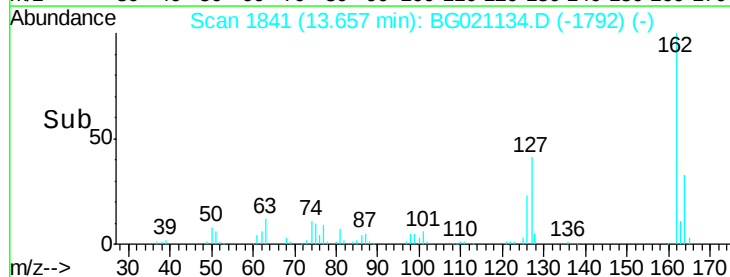
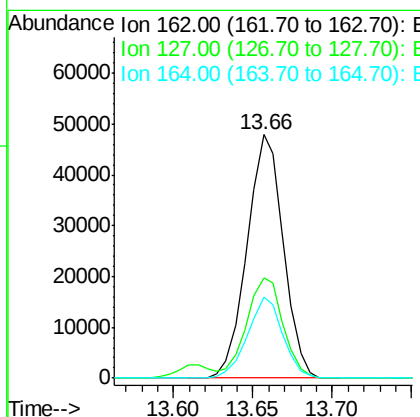
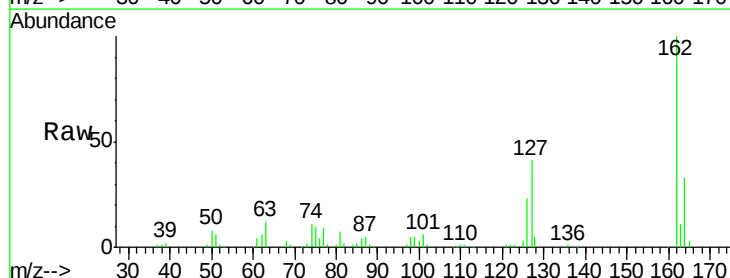
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

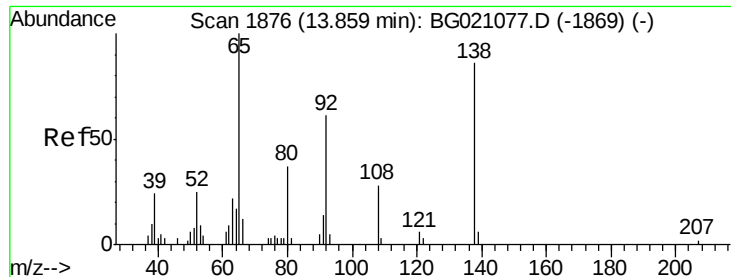
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	15.5	0.0	33.6



#46
 2-Chloronaphthalene
 Concen: 38.89 ng
 RT: 13.66 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	31.8	47.8
164	33.2	26.3	39.5

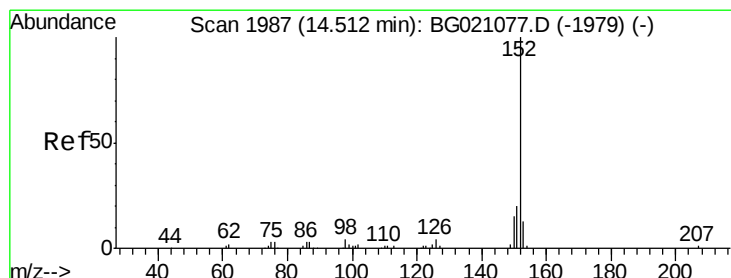
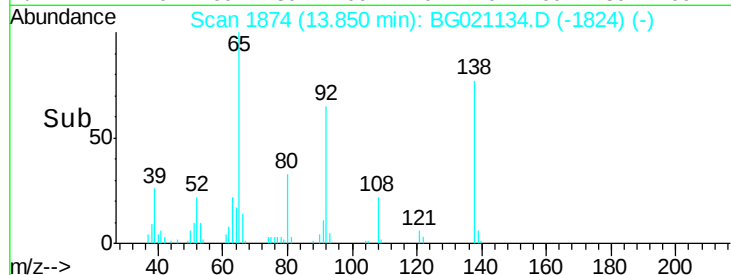
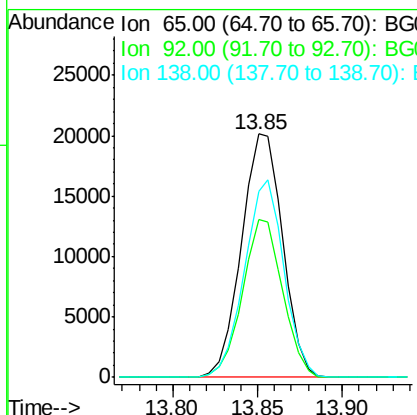
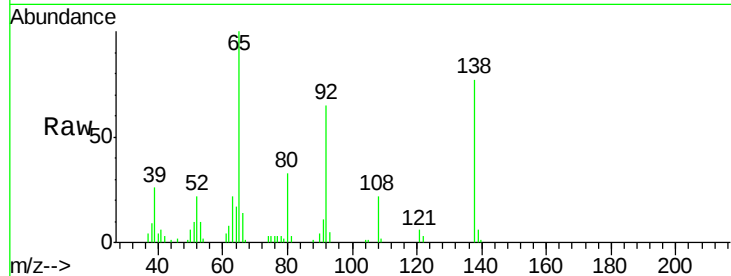




#47
2-Nitroaniline
Concen: 53.69 ng
RT: 13.85 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

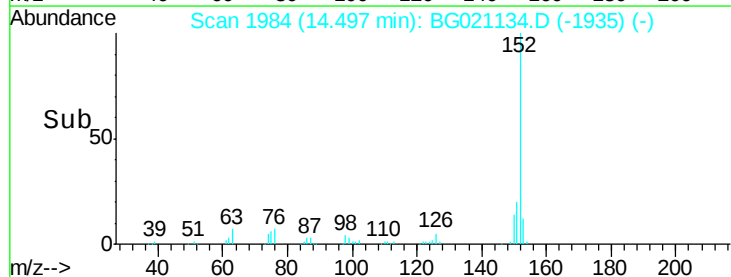
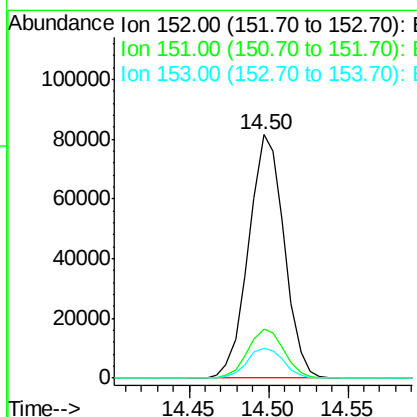
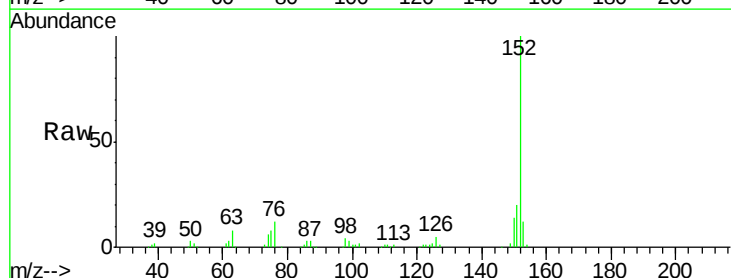
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

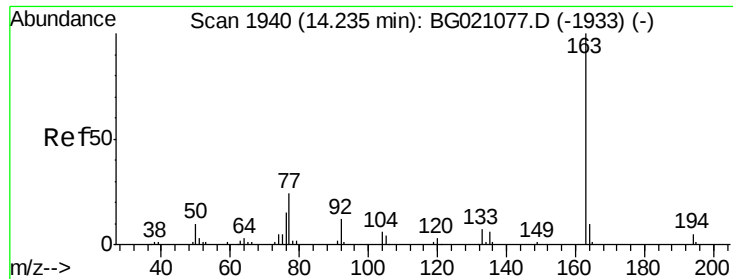
Tgt Ion: 65 Resp: 34007
Ion Ratio Lower Upper
65 100
92 64.7 54.6 82.0
138 76.6 94.9 142.3#



#48
Acenaphthylene
Concen: 41.13 ng
RT: 14.50 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion: 152 Resp: 127217
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.2 10.2 15.2





#49

Dimethylphthalate

Concen: 40.07 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

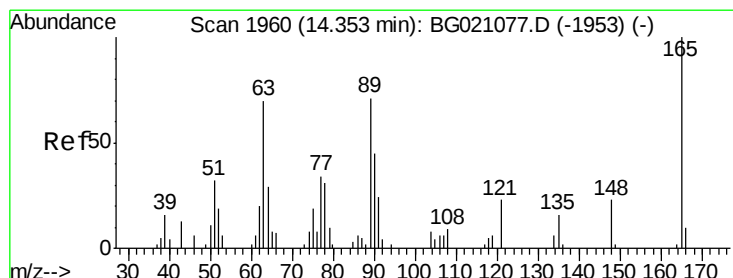
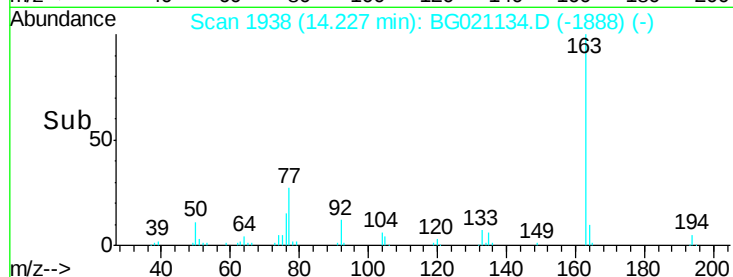
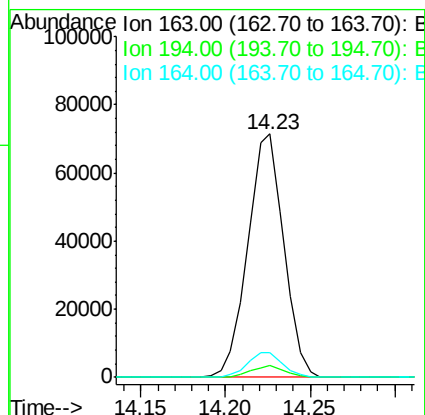
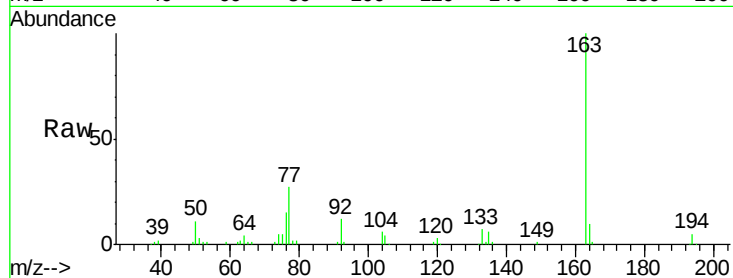
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:163 Resp: 105670
 Ion Ratio Lower Upper
 163 100
 194 5.1 2.8 4.2#
 164 10.2 7.9 11.9



#50

2,6-Dinitrotoluene

Concen: 41.46 ng

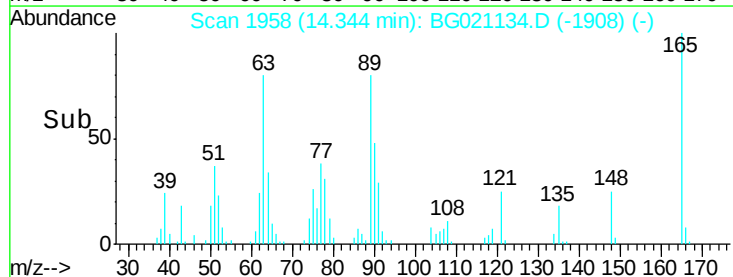
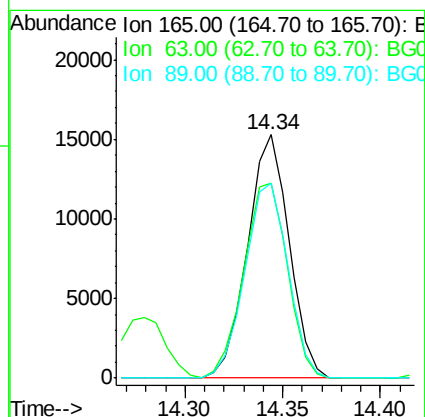
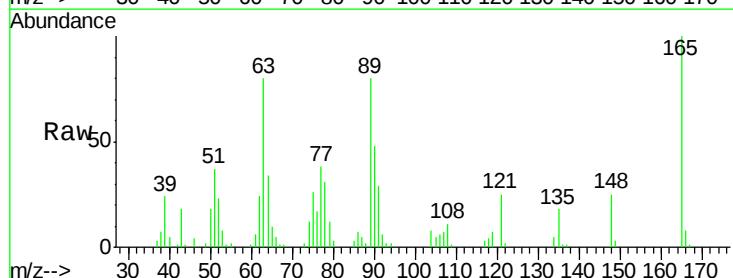
RT: 14.34 min Scan# 1958

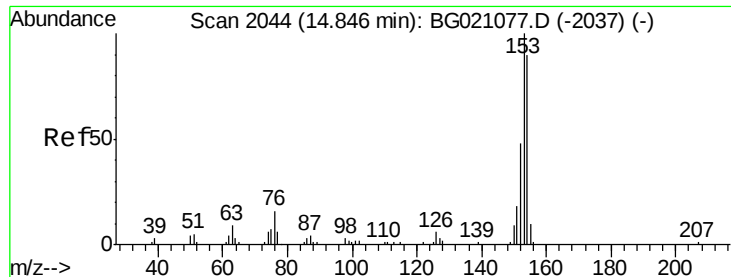
Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Tgt Ion:165 Resp: 22492
 Ion Ratio Lower Upper
 165 100
 63 80.2 42.1 63.1#
 89 80.0 46.1 69.1#





#51

Acenaphthene

Concen: 40.02 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

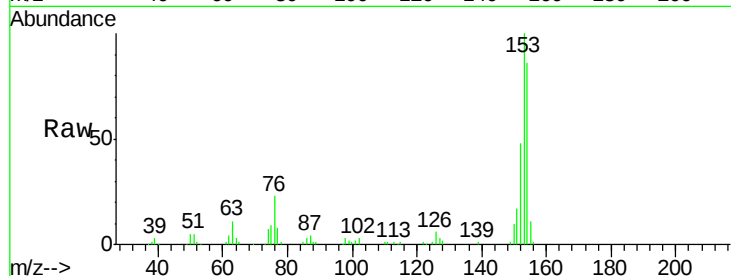
Tgt Ion:154 Resp: 84432

Ion Ratio Lower Upper

154 100

153 116.2 94.2 141.2

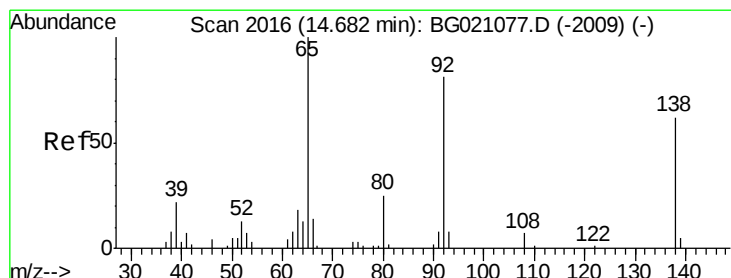
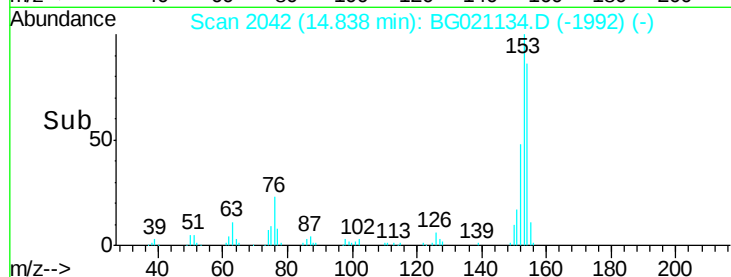
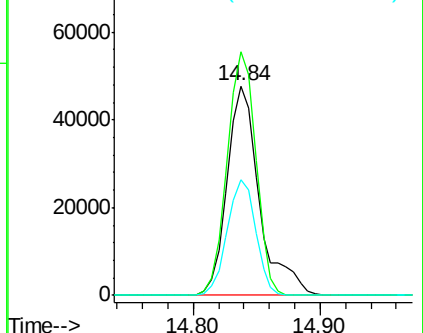
152 55.4 42.9 64.3



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: 46.19 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

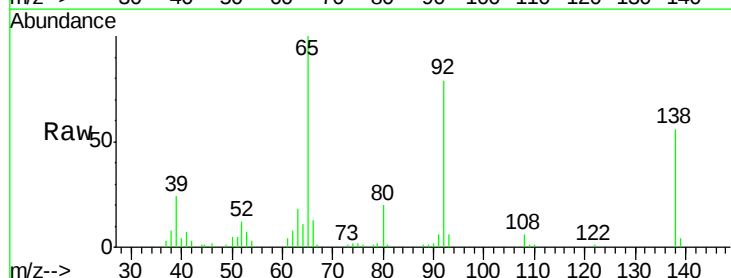
Tgt Ion:138 Resp: 24383

Ion Ratio Lower Upper

138 100

108 11.5 5.8 8.6#

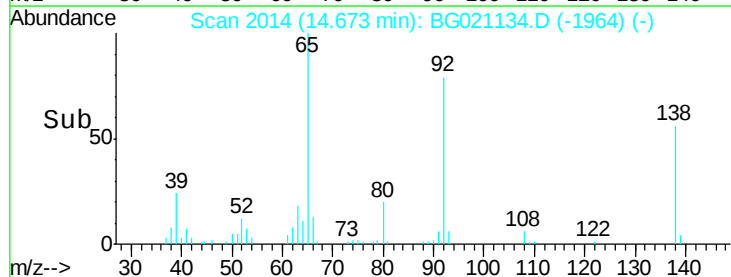
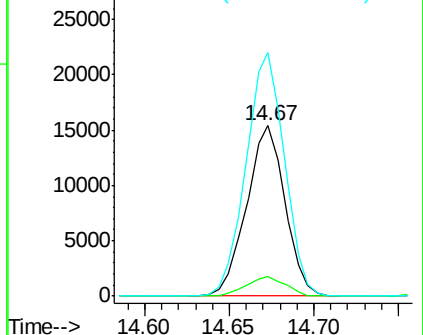
92 143.1 83.6 125.4#

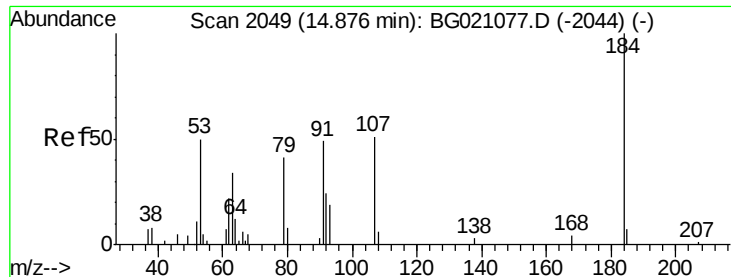


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

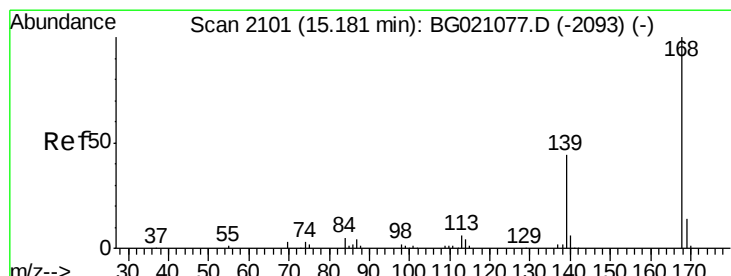
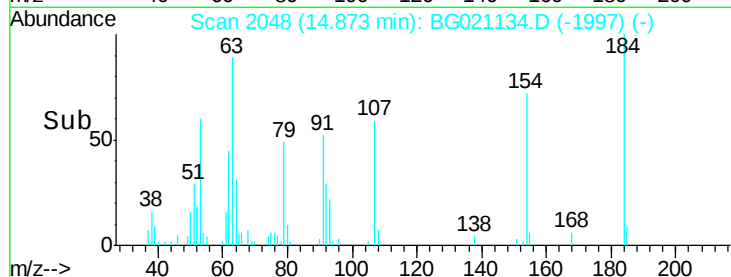
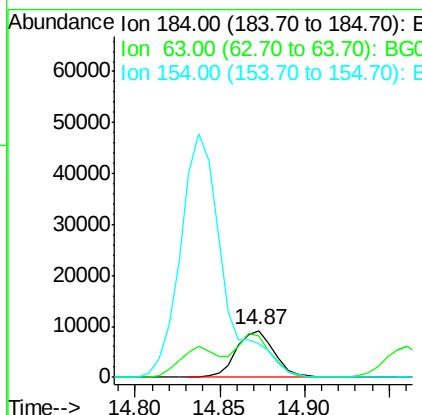
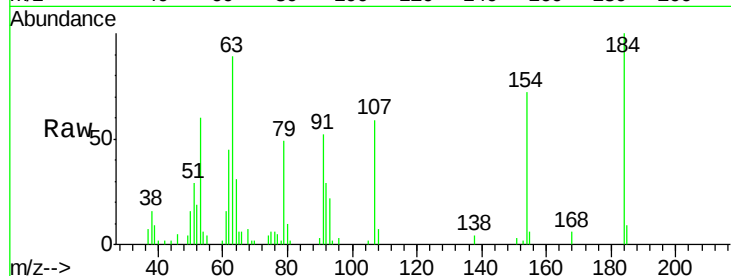




#53
2,4-Dinitrophenol
Concen: 37.80 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

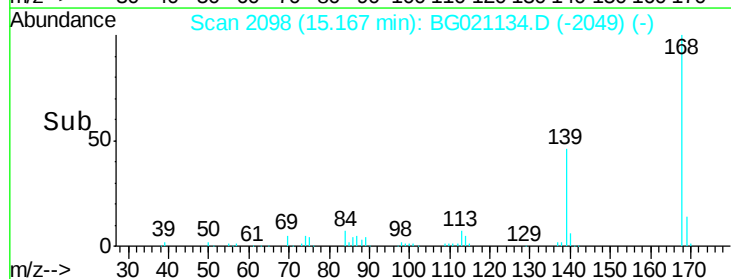
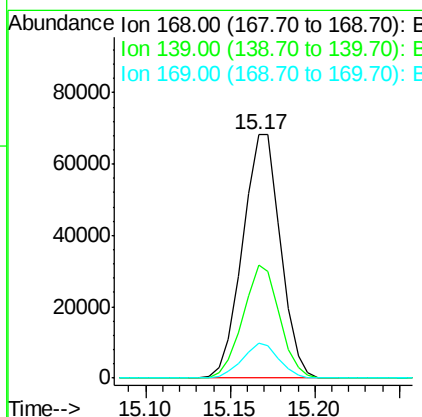
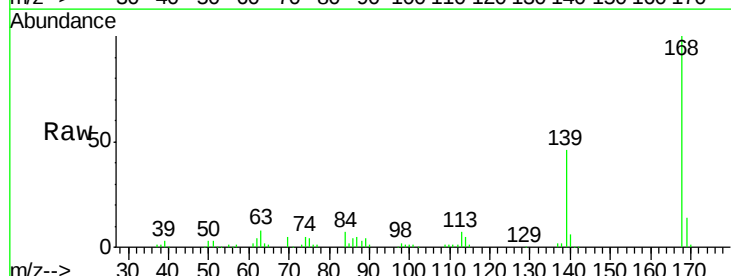
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

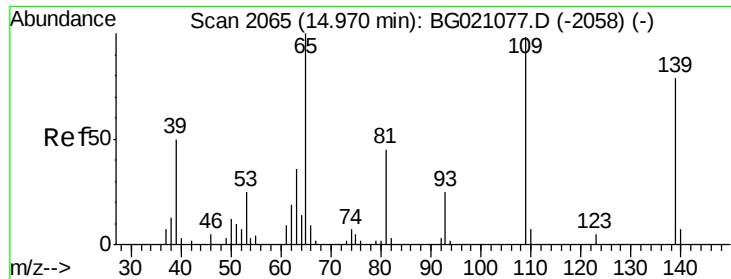
Tgt Ion:184 Resp: 14296
Ion Ratio Lower Upper
184 100
63 88.5 57.0 85.6#
154 72.1 51.3 76.9



#54
Dibenzofuran
Concen: 39.91 ng
RT: 15.17 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:168 Resp: 106671
Ion Ratio Lower Upper
168 100
139 46.2 29.8 44.8#
169 14.1 11.4 17.2





#55

4-Nitrophenol

Concen: 45.73 ng

RT: 14.96 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

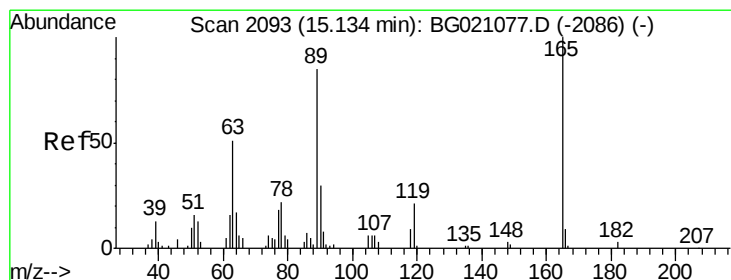
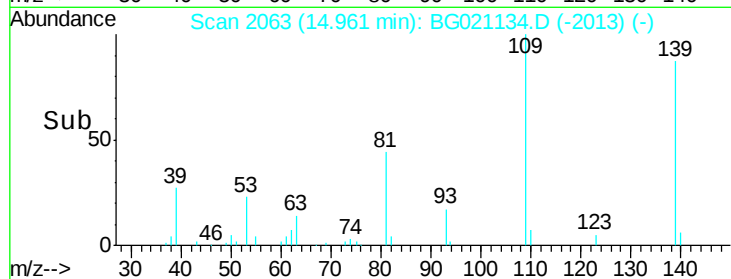
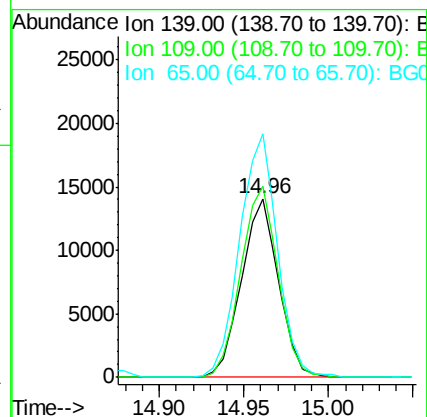
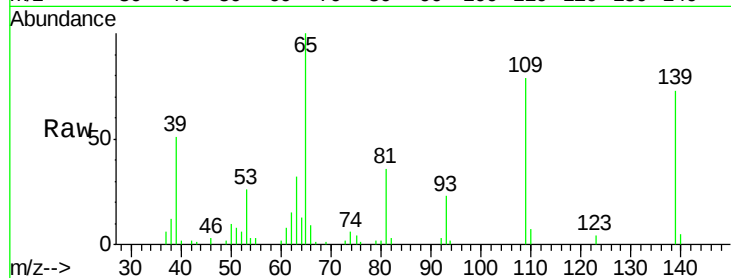
Tgt Ion:139 Resp: 21412

Ion Ratio Lower Upper

139 100

109 107.0 54.1 94.1#

65 136.3 73.4 113.4#



#56

2,4-Dinitrotoluene

Concen: 41.74 ng

RT: 15.13 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Tgt Ion:165 Resp: 32472

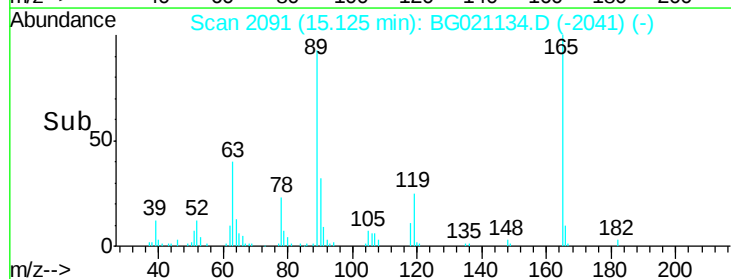
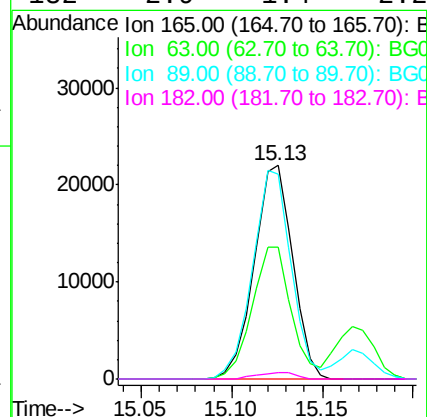
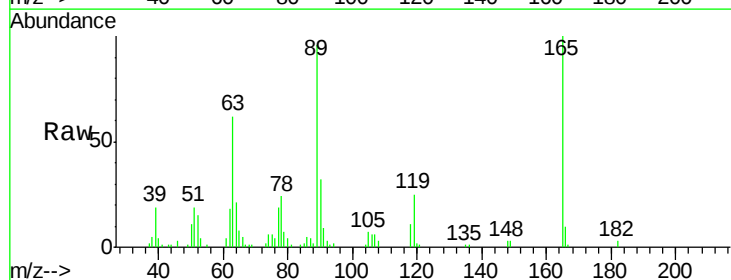
Ion Ratio Lower Upper

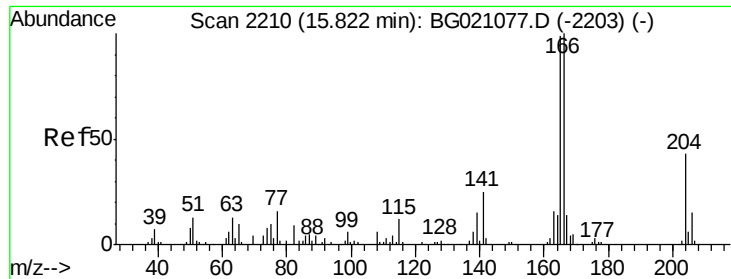
165 100

63 62.0 34.1 51.1#

89 95.9 63.0 94.4#

182 2.9 1.4 2.2#

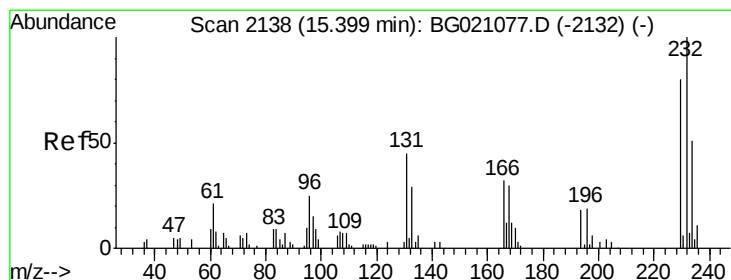
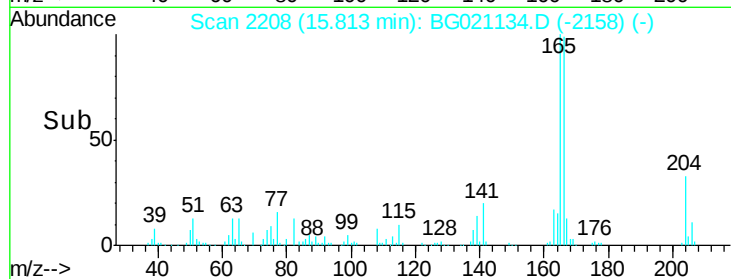
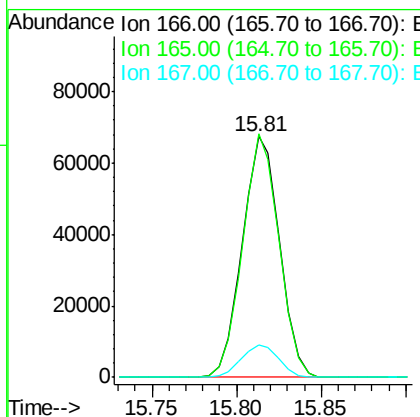
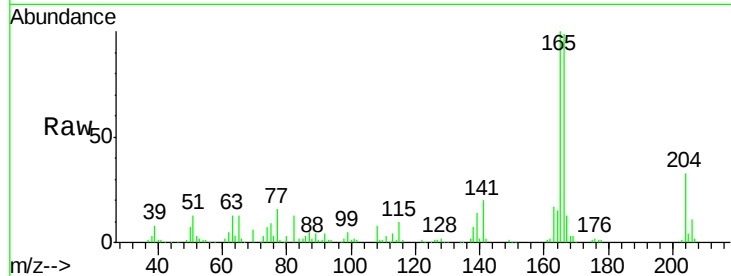




#57
 Fluorene
 Concen: 39.58 ng
 RT: 15.81 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

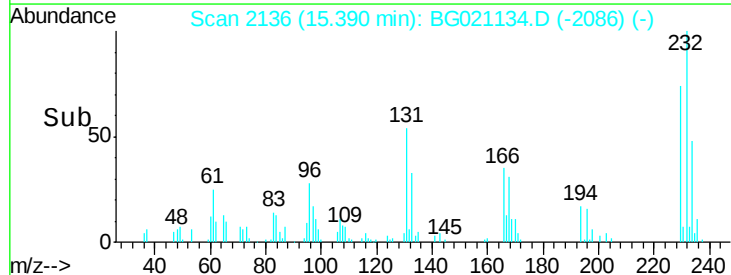
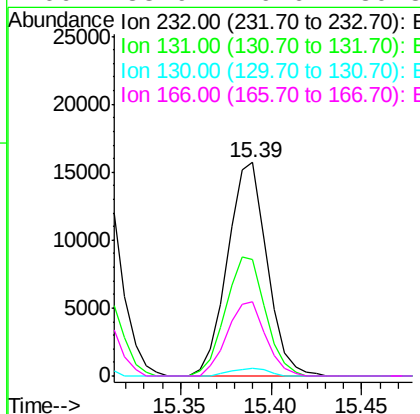
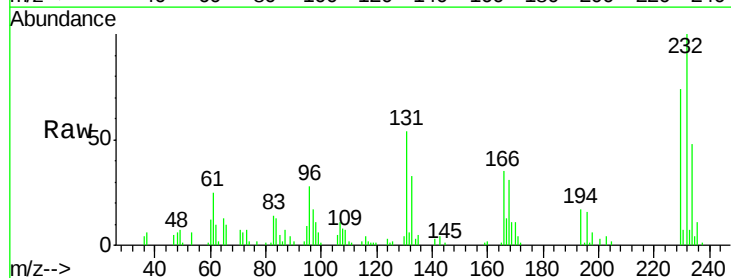
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

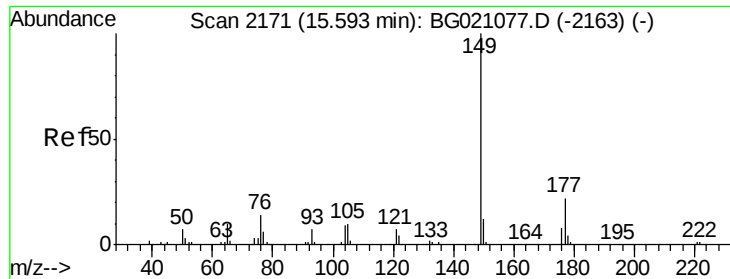
Tgt Ion:166 Resp: 102902
 Ion Ratio Lower Upper
 166 100
 165 101.2 81.3 121.9
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.61 ng
 RT: 15.39 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:232 Resp: 23810
 Ion Ratio Lower Upper
 232 100
 131 56.3 41.4 62.2
 130 3.3 1.8 2.8#
 166 33.9 26.6 39.8

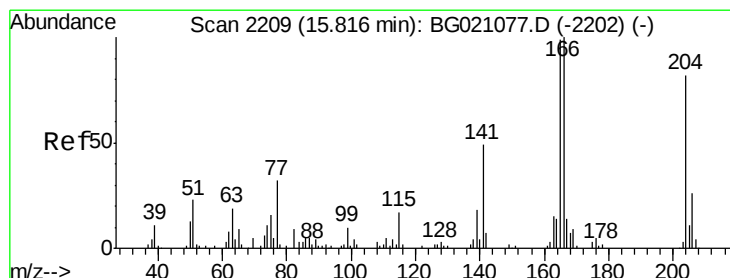
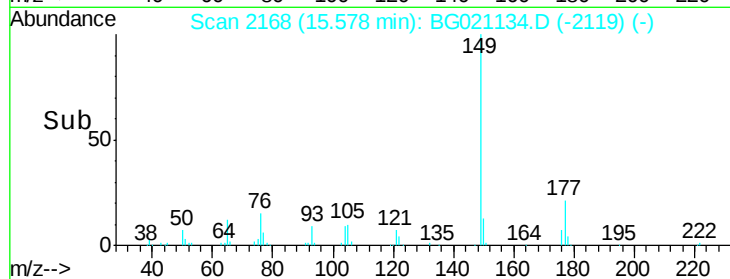
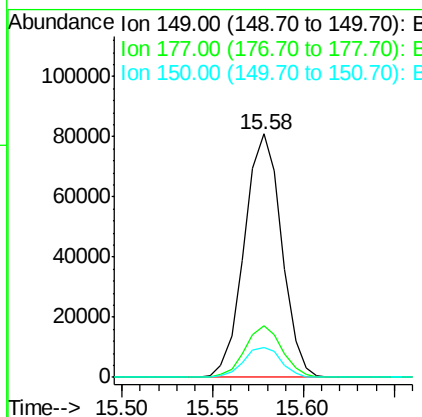
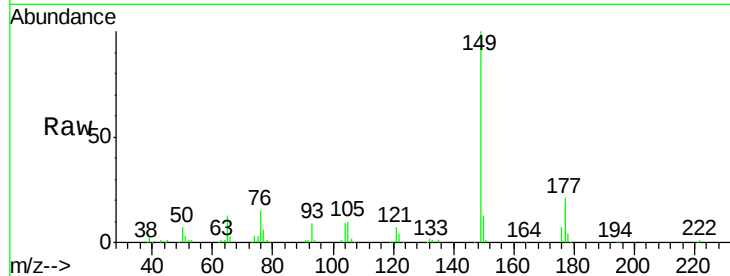




#59
Diethylphthalate
Concen: 41.67 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

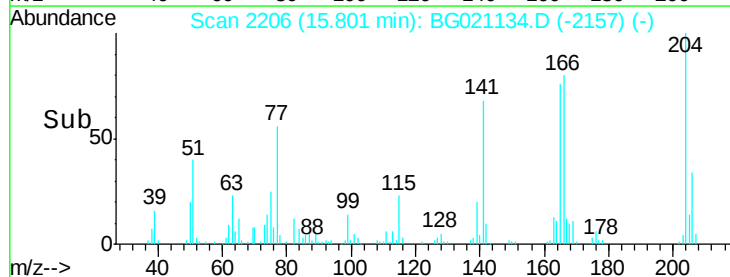
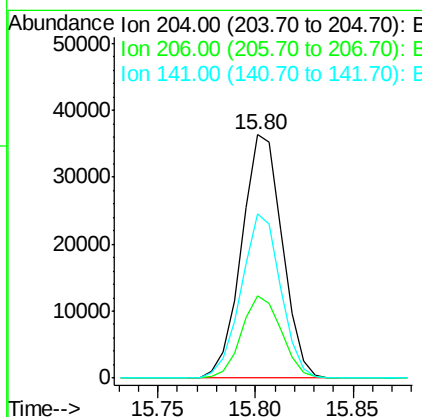
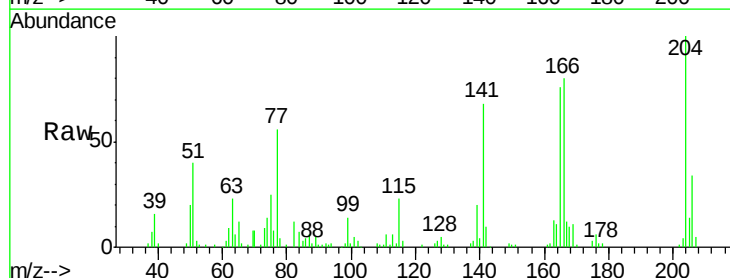
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

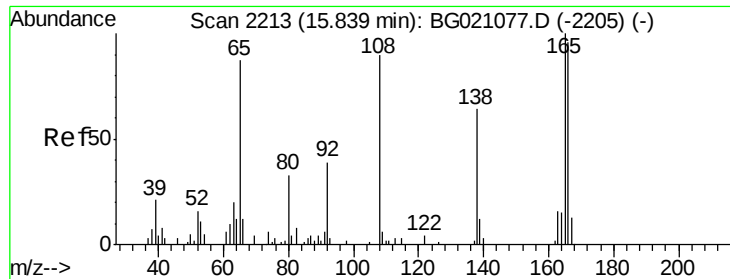
Tgt Ion:149 Resp: 115815
Ion Ratio Lower Upper
149 100
177 21.2 15.8 23.8
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.65 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:204 Resp: 52415
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 67.6 50.8 76.2

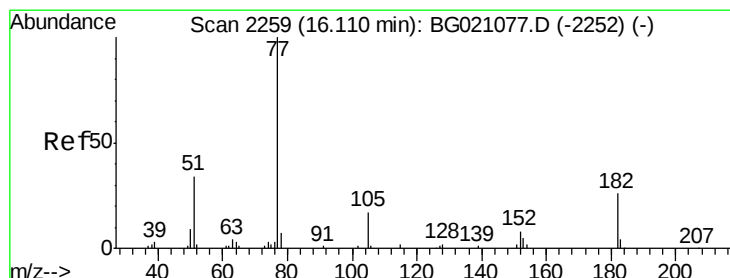
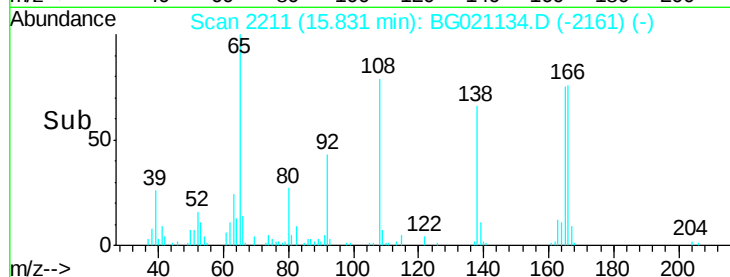
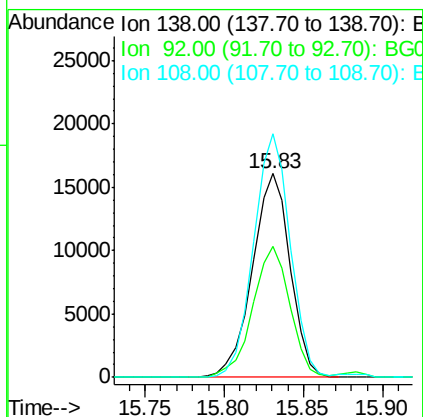
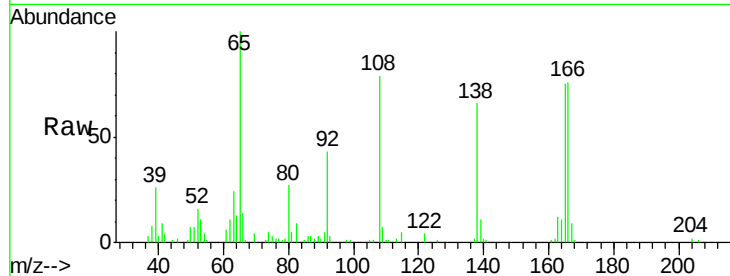




#61
4-Nitroaniline
Concen: 44.29 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

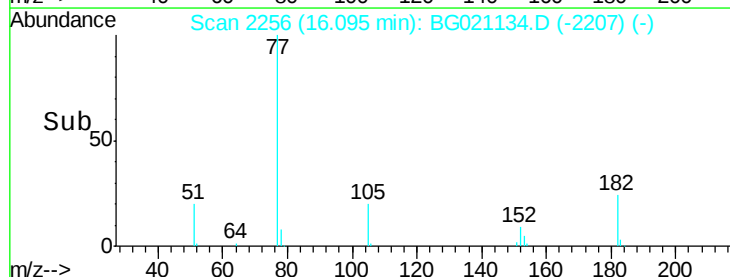
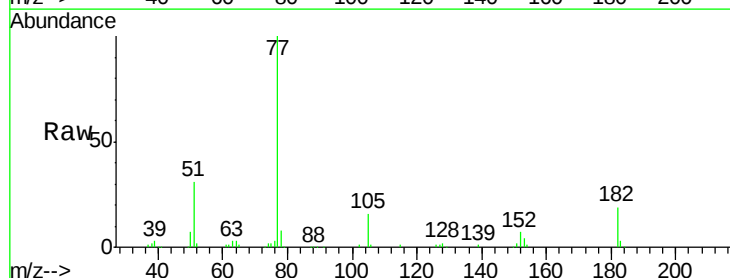
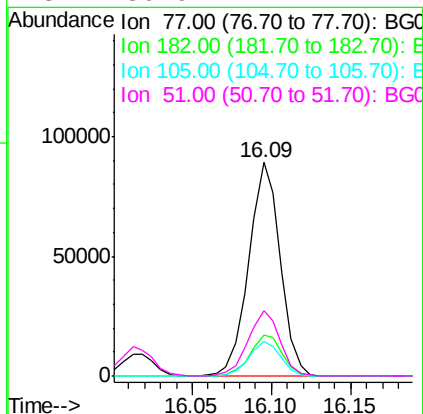
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

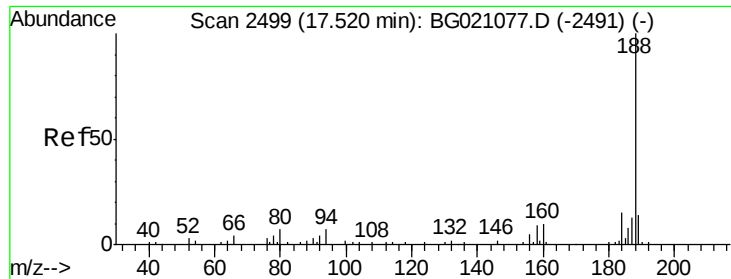
Tgt Ion: 138 Resp: 26624
Ion Ratio Lower Upper
138 100
92 64.4 28.0 68.0
108 119.5 52.6 92.6#



#62
Azobenzene
Concen: 51.08 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion: 77 Resp: 122983
Ion Ratio Lower Upper
77 100
182 19.3 0.7 40.7
105 16.0 0.0 38.3
51 30.9 4.4 44.4

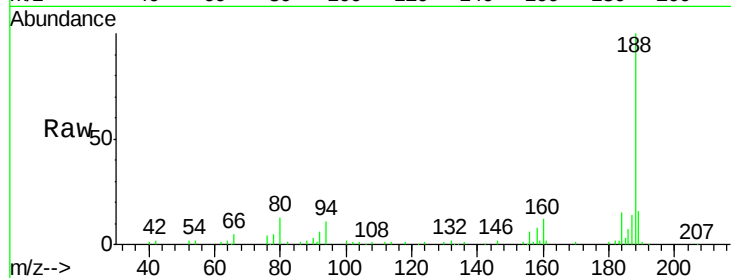




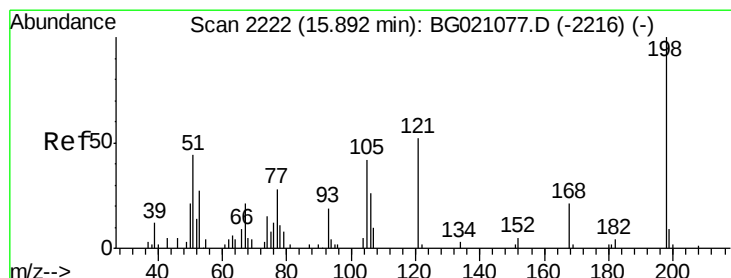
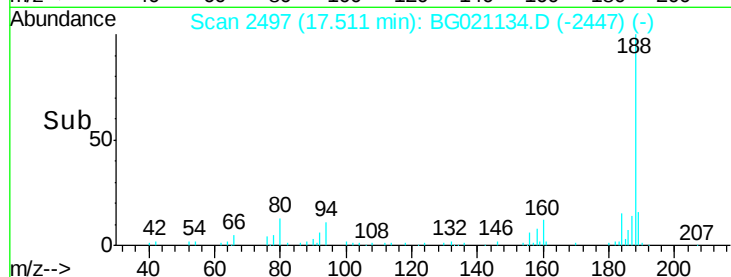
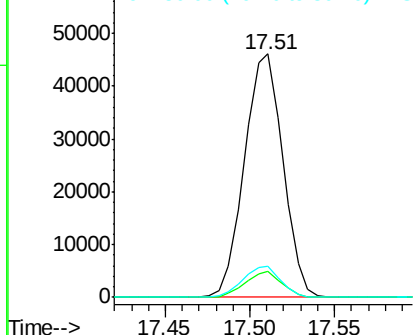
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 73231
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.4
80 12.9 9.2 13.8

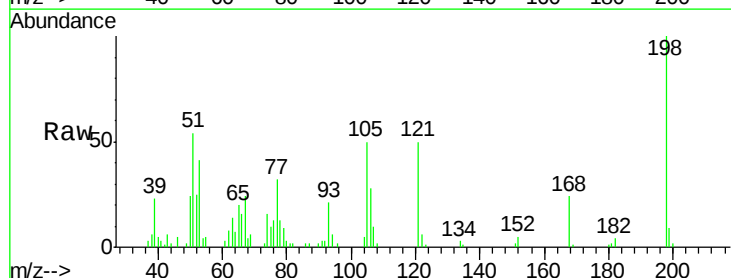


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

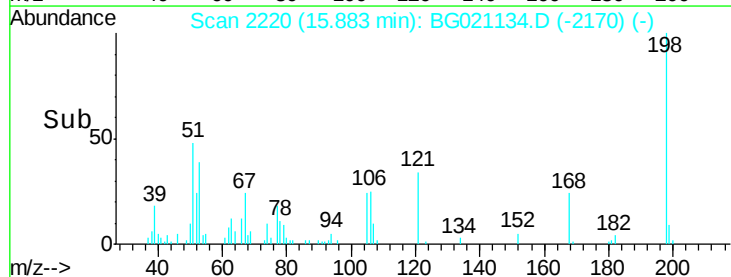
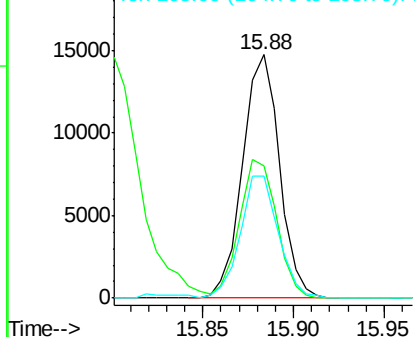


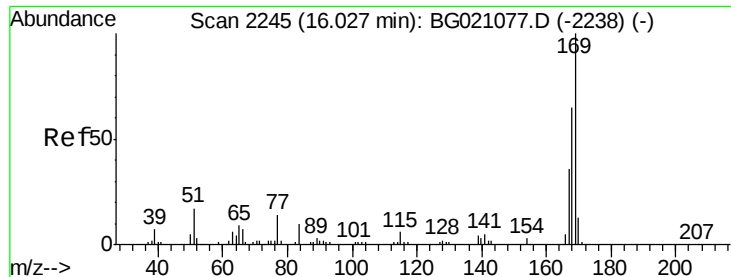
#64
4,6-Dinitro-2-methylphenol
Concen: 38.85 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:198 Resp: 20869
Ion Ratio Lower Upper
198 100
51 54.1 30.4 70.4
105 50.0 32.8 72.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

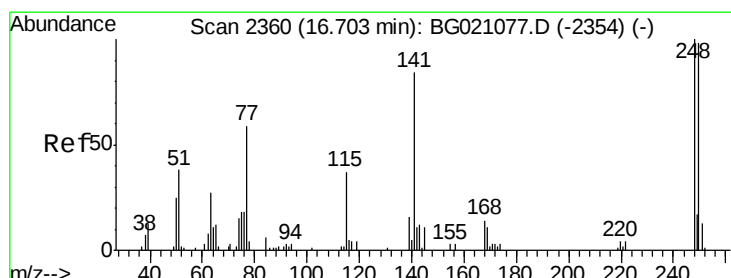
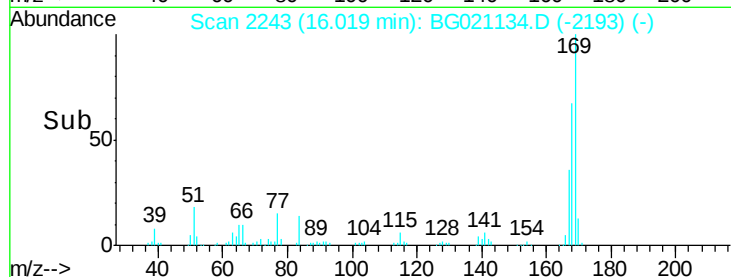
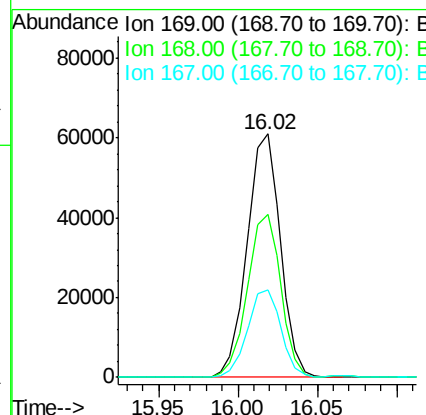
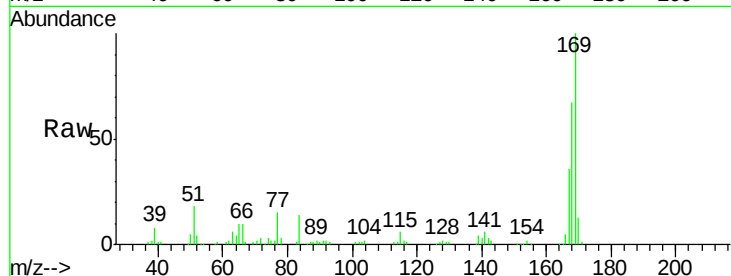




#65
n-Nitrosodiphenylamine
Concen: 41.13 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

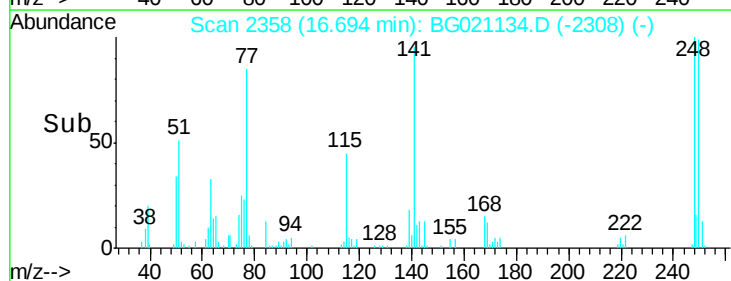
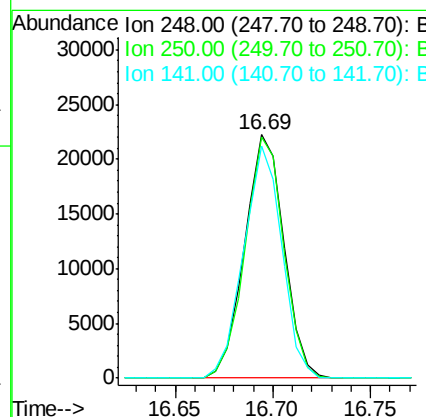
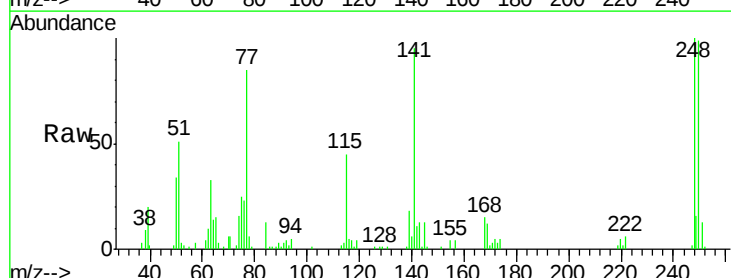
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

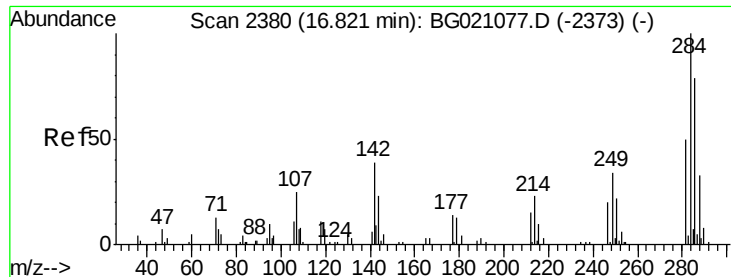
Tgt Ion:169 Resp: 88861
Ion Ratio Lower Upper
169 100
168 66.8 58.2 87.2
167 36.1 31.0 46.6



#66
4-Bromophenyl-phenylether
Concen: 35.87 ng
RT: 16.69 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:248 Resp: 30930
Ion Ratio Lower Upper
248 100
250 99.2 76.4 114.6
141 95.1 57.4 86.0#





#67

Hexachlorobenzene

Concen: 33.90 ng

RT: 16.81 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

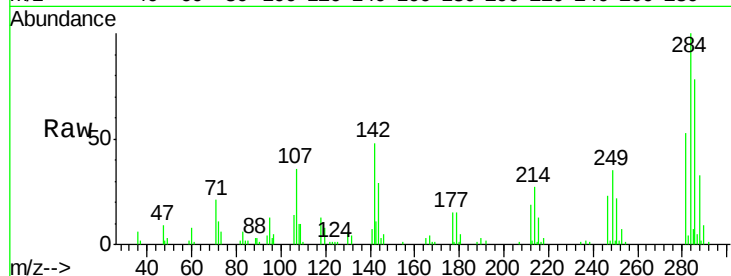
Tgt Ion:284 Resp: 30833

Ion Ratio Lower Upper

284 100

142 48.4 32.1 48.1#

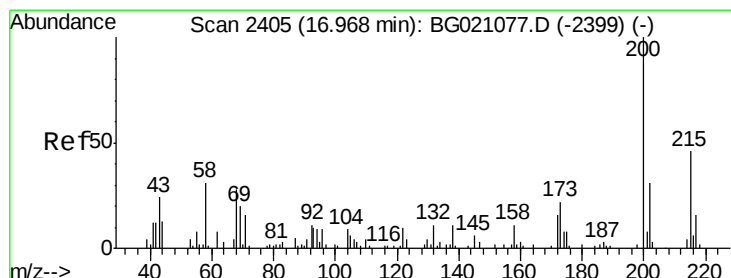
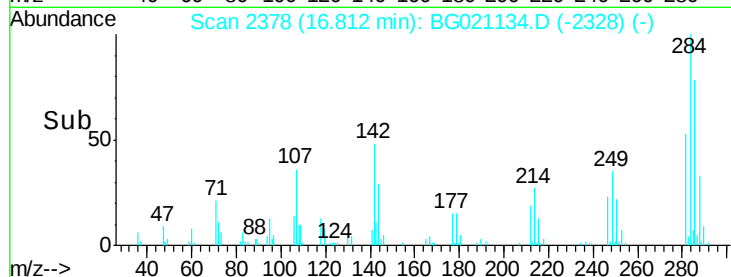
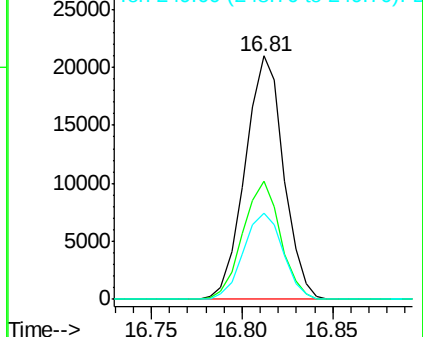
249 37.5 24.0 36.0#



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: 39.00 ng

RT: 16.95 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

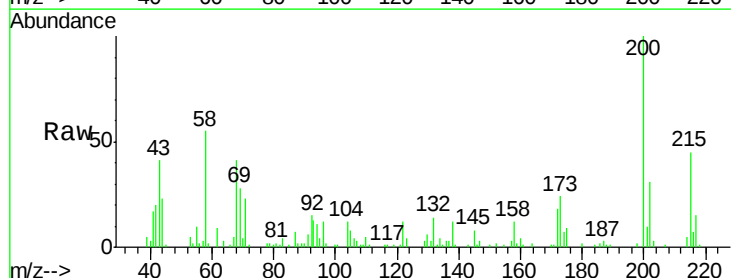
Tgt Ion:200 Resp: 31222

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

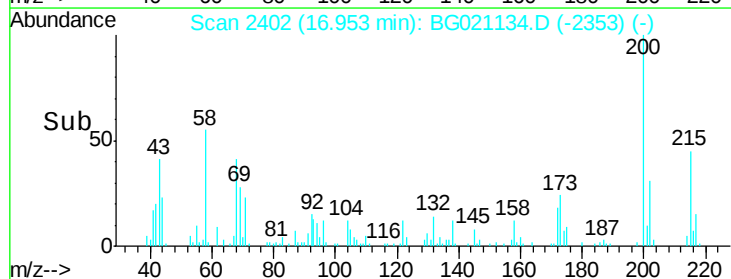
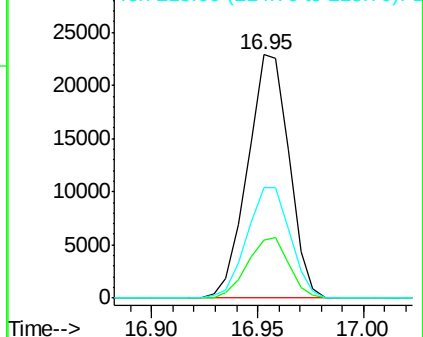
215 45.5 29.0 69.0

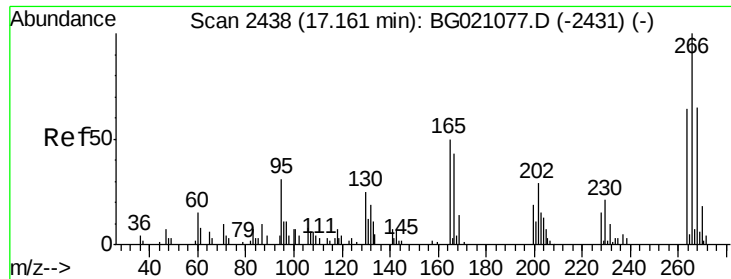


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 34.57 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

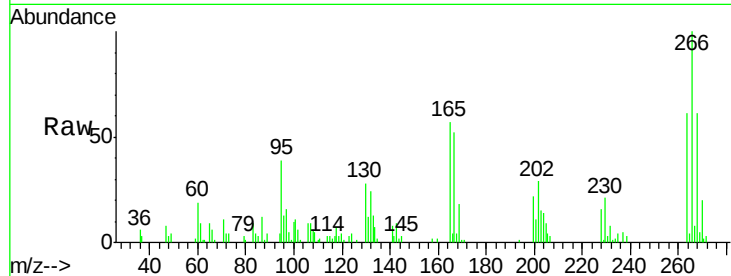
Tgt Ion:266 Resp: 21225

Ion Ratio Lower Upper

266 100

268 66.4 51.0 76.6

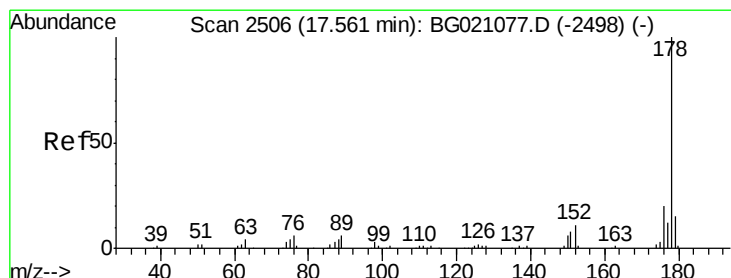
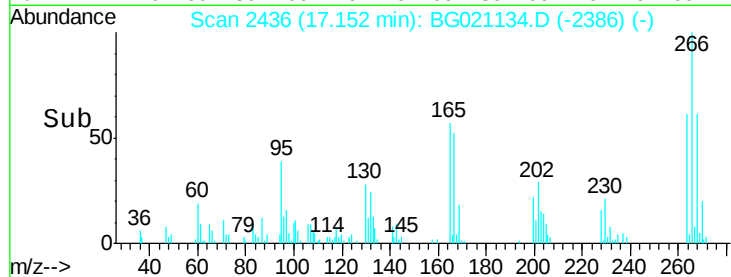
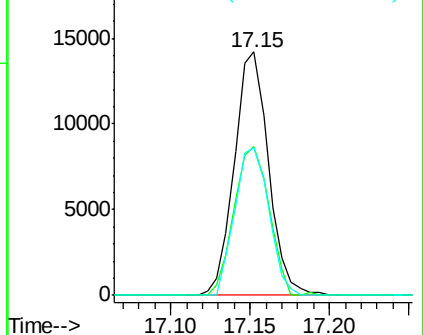
264 64.7 47.8 71.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.44 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

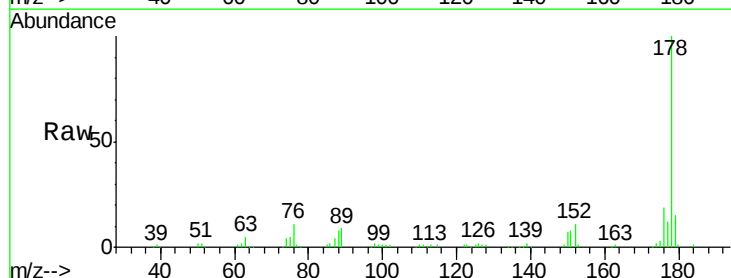
Tgt Ion:178 Resp: 159362

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.4

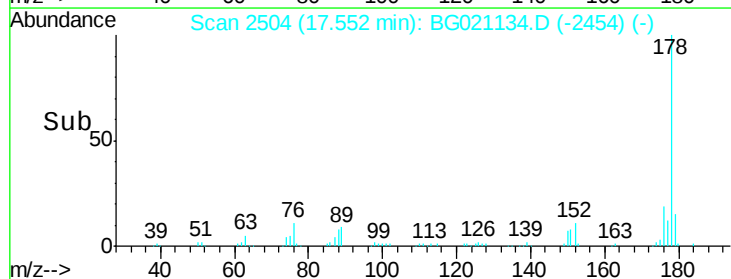
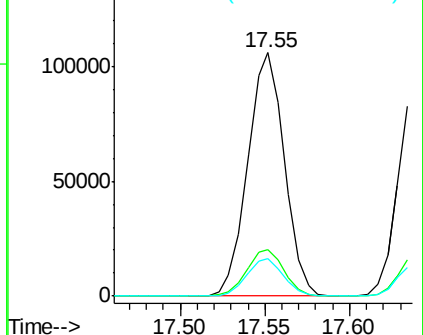
179 15.3 12.9 19.3

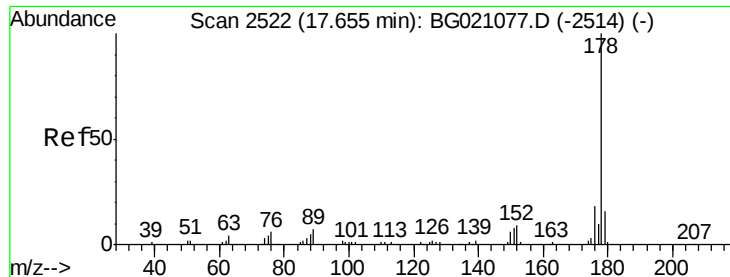


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.82 ng

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

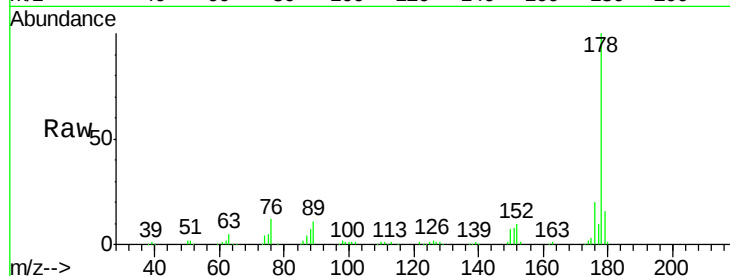
Tgt Ion:178 Resp: 161972

Ion Ratio Lower Upper

178 100

176 19.7 14.8 22.2

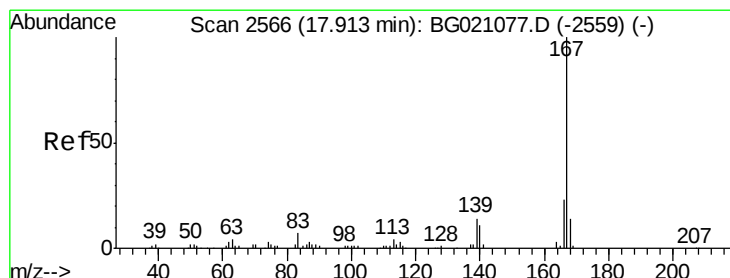
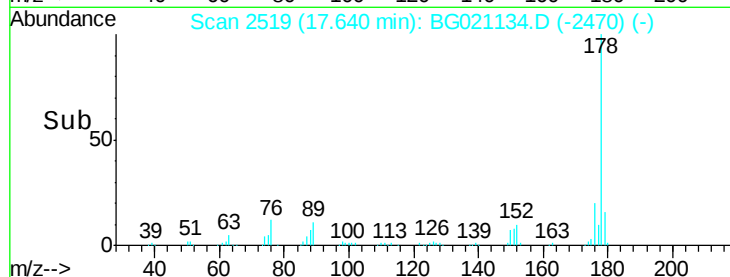
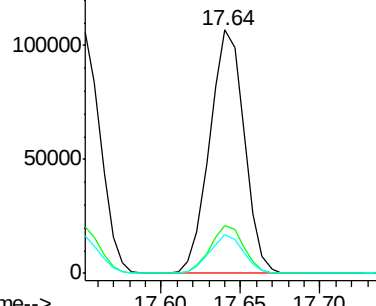
179 16.1 12.6 19.0



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



#72

Carbazole

Concen: 41.95 ng

RT: 17.90 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

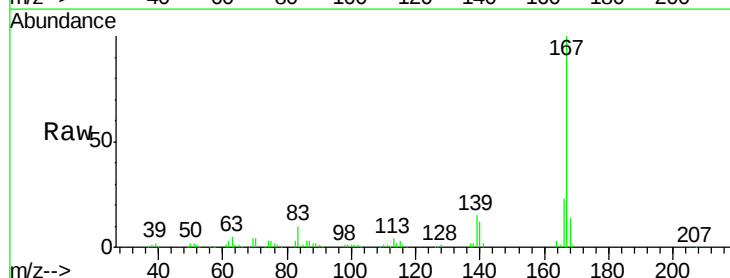
Tgt Ion:167 Resp: 143719

Ion Ratio Lower Upper

167 100

166 23.3 17.5 26.3

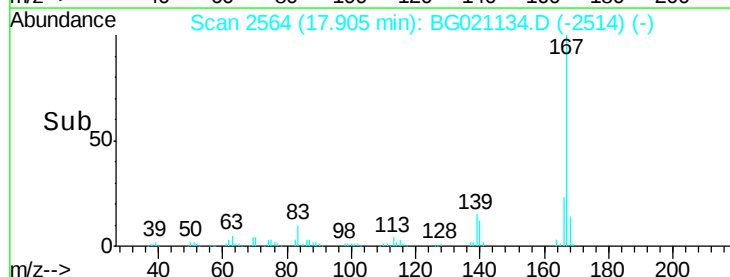
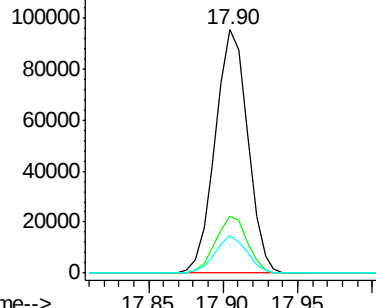
139 15.2 10.3 15.5

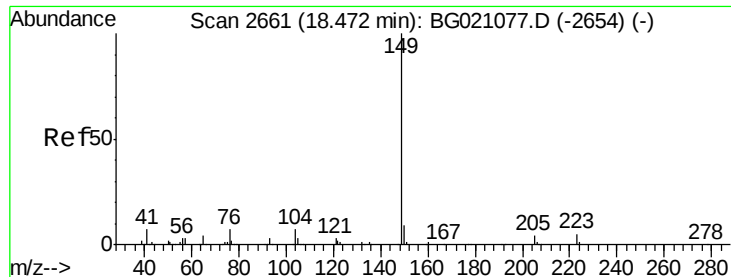


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

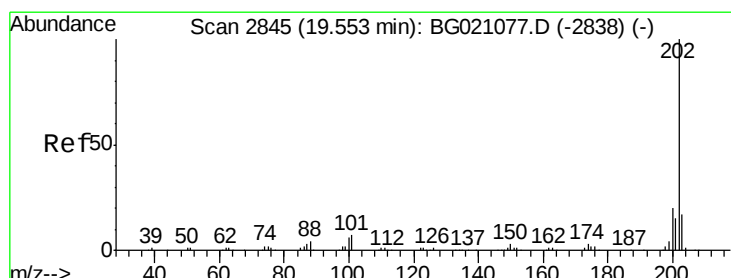
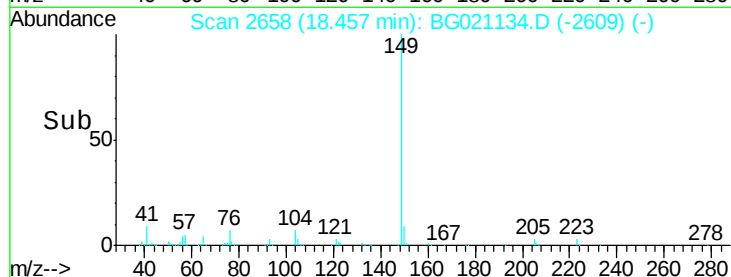
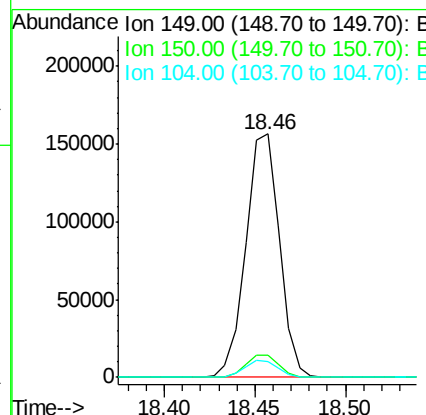
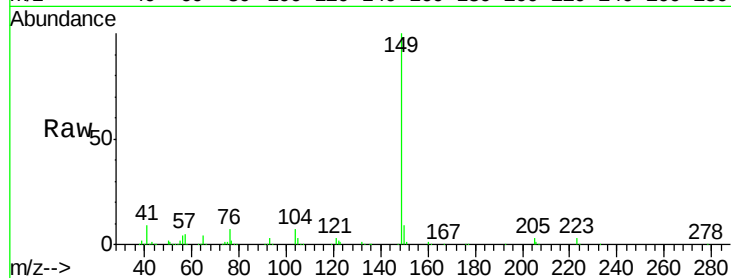




#73
Di-n-butylphthalate
Concen: 44.59 ng
RT: 18.46 min Scan# 2658
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

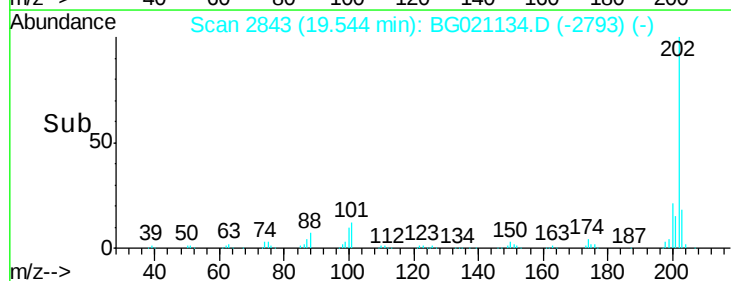
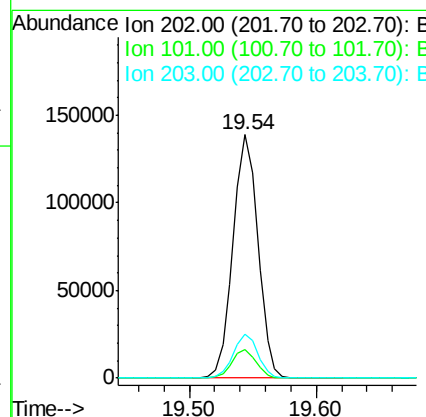
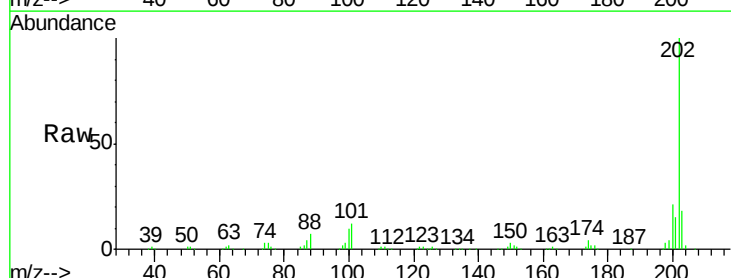
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

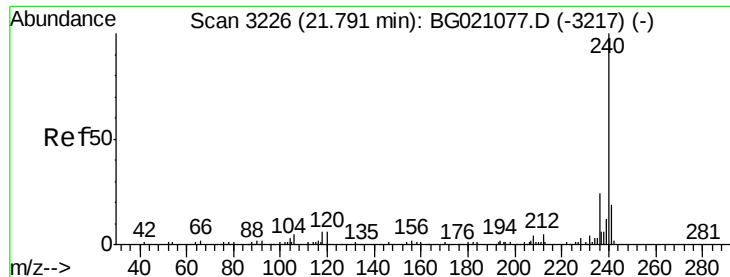
Tgt Ion:149 Resp: 201391
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 6.7 4.1 6.1#



#74
Fluoranthene
Concen: 38.06 ng
RT: 19.54 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:202 Resp: 188117
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.5
203 17.8 0.0 37.6

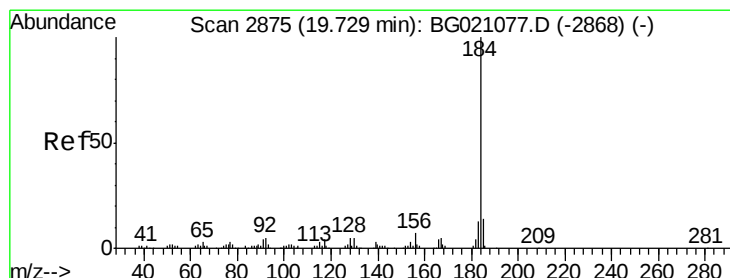
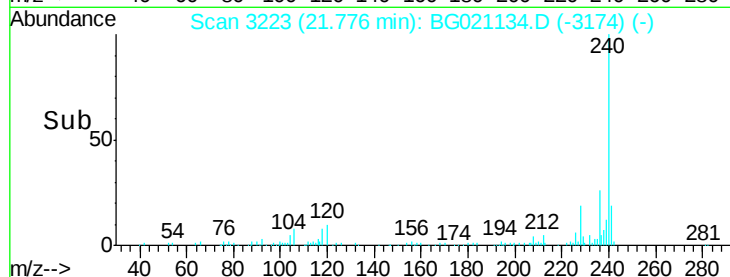
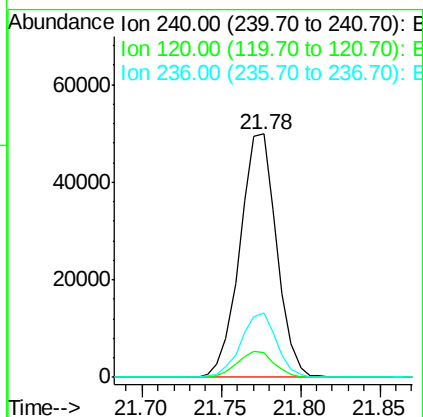
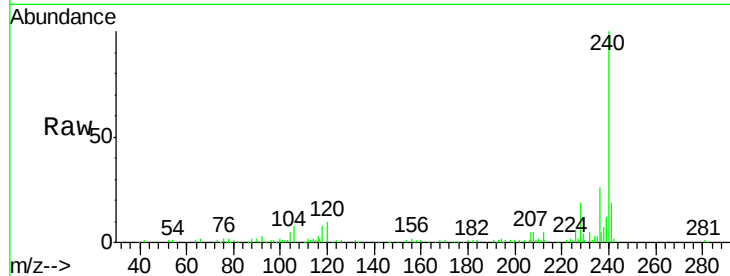




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

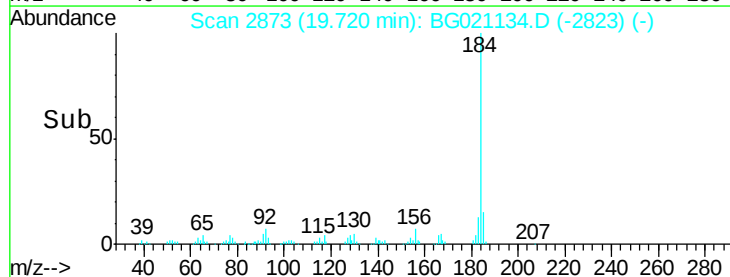
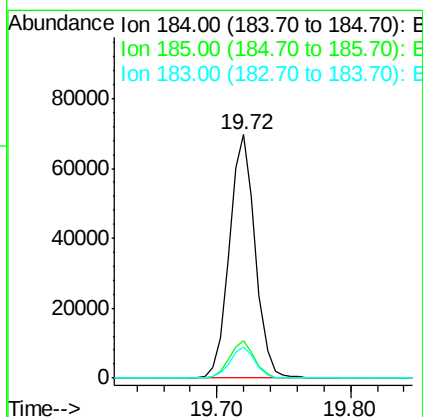
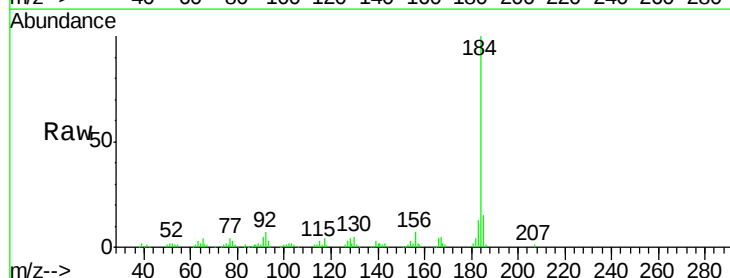
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

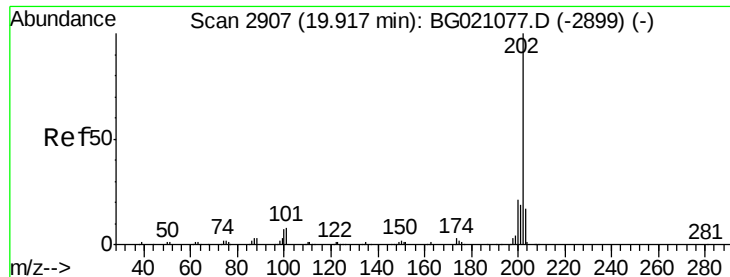
Tgt Ion:240 Resp: 80058
Ion Ratio Lower Upper
240 100
120 10.4 7.5 11.3
236 26.2 20.5 30.7



#76
Benzidine
Concen: 44.62 ng
RT: 19.72 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:184 Resp: 93991
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 12.8 10.1 15.1

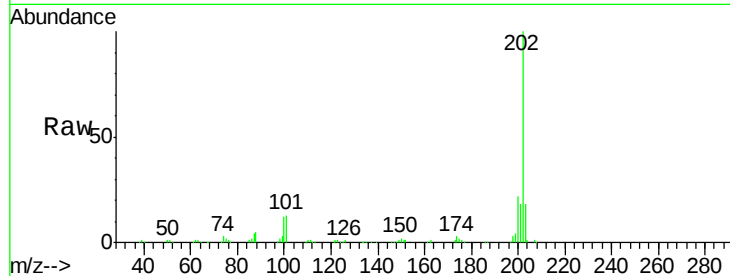




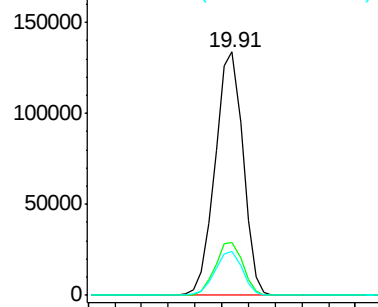
#77
 Pyrene
 Concen: 43.37 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

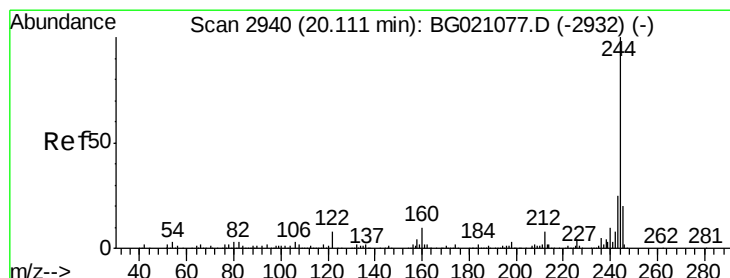
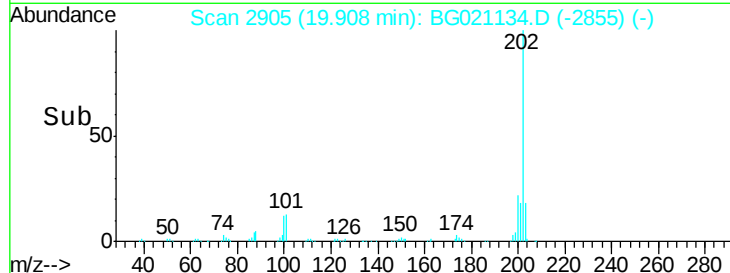
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	18.3	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

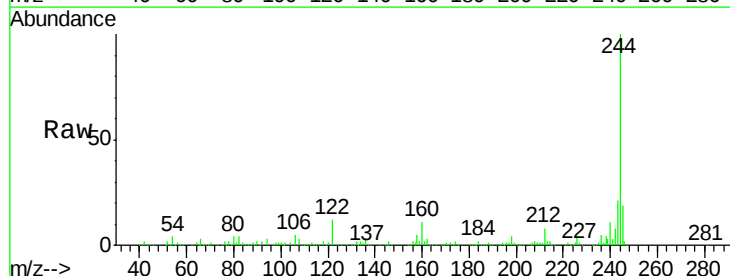


Time--> 19.80 19.90 20.00

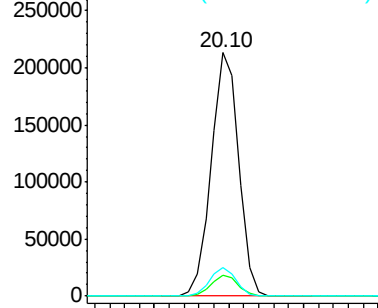


#78
 Terphenyl-d14
 Concen: 79.38 ng
 RT: 20.10 min Scan# 2937
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

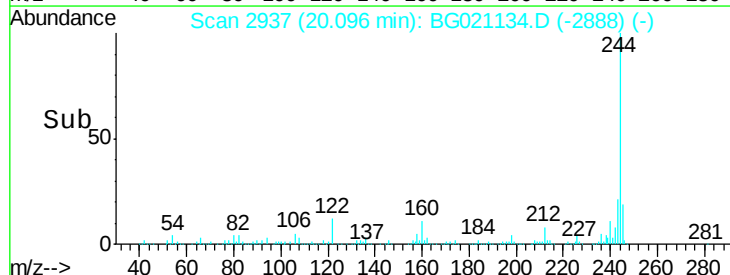
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	11.5	8.3	12.5

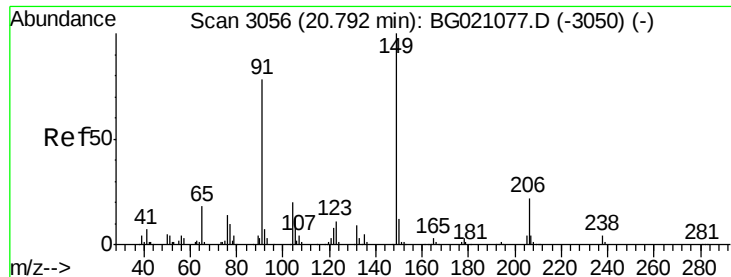


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 20.05 20.10 20.15

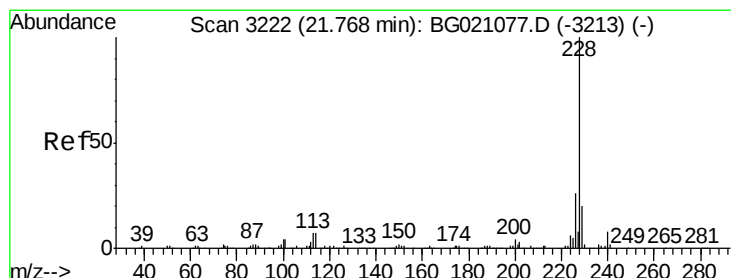
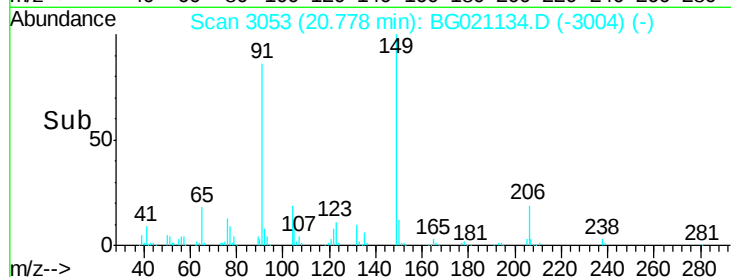
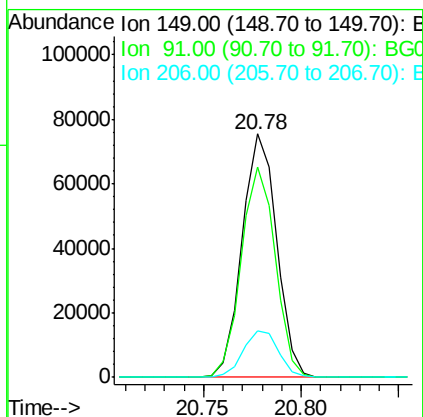
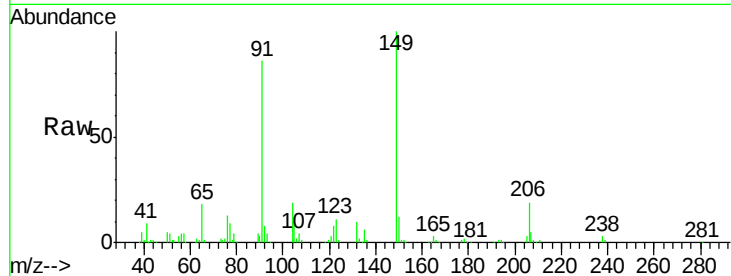




#79
Butylbenzylphthalate
Concen: 49.91 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

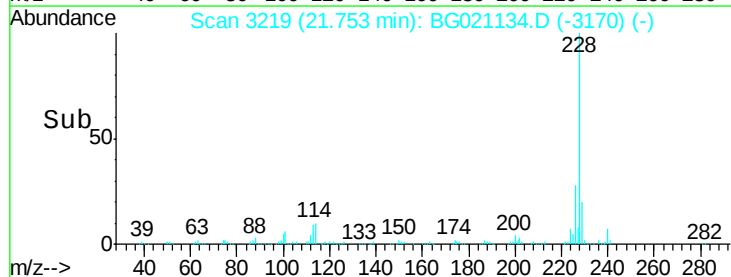
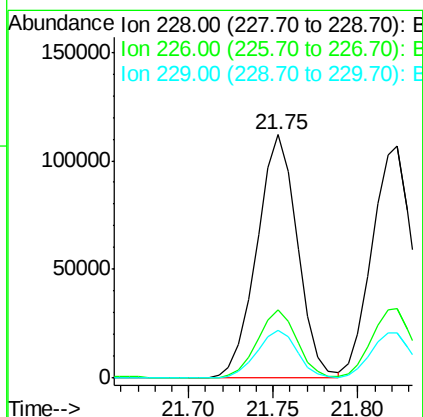
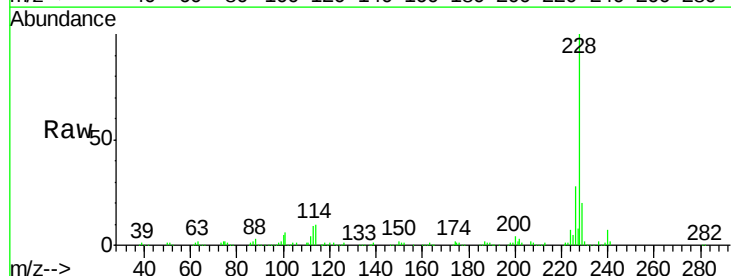
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

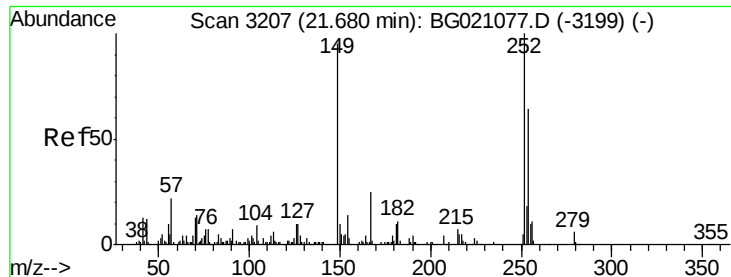
Tgt Ion:149 Resp: 92328
Ion Ratio Lower Upper
149 100
91 86.4 58.6 87.8
206 19.0 14.2 21.4



#80
Benzo(a)anthracene
Concen: 40.59 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021134.D
Acq: 28 Feb 2016 3:32

Tgt Ion:228 Resp: 186992
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 19.6 15.5 23.3

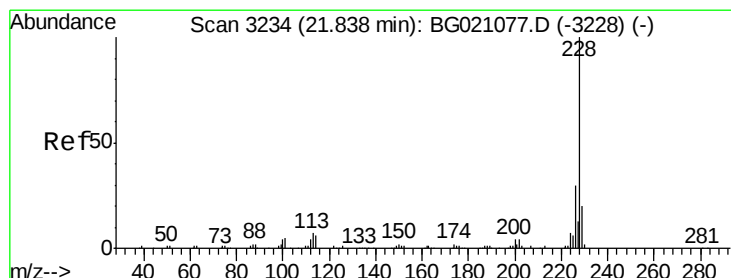
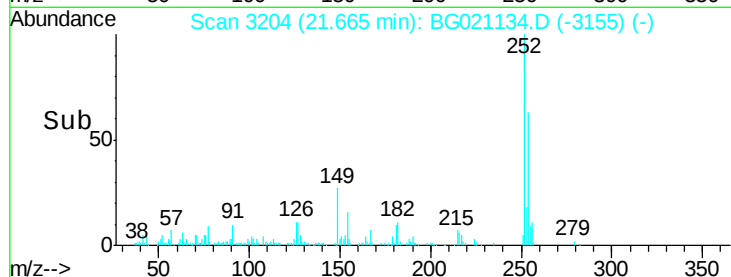
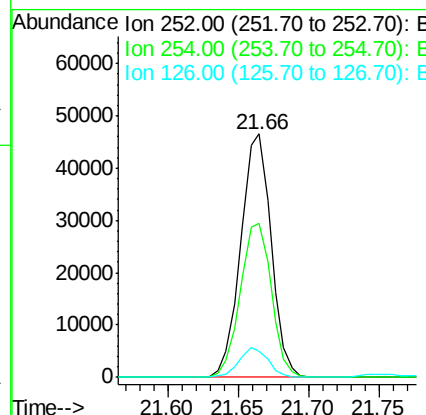
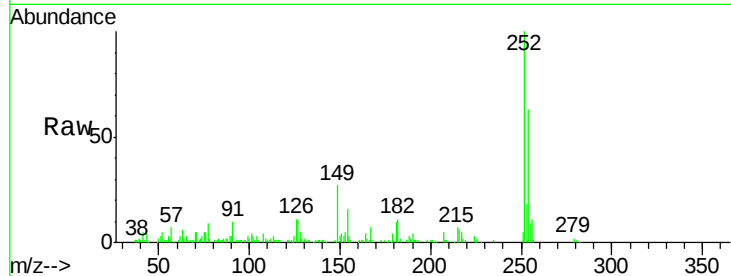




#81
 3,3'-Dichlorobenzidine
 Concen: 38.94 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

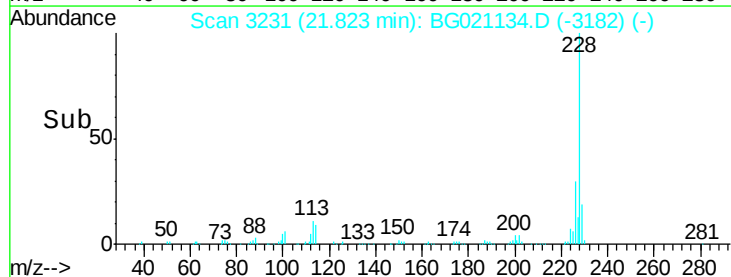
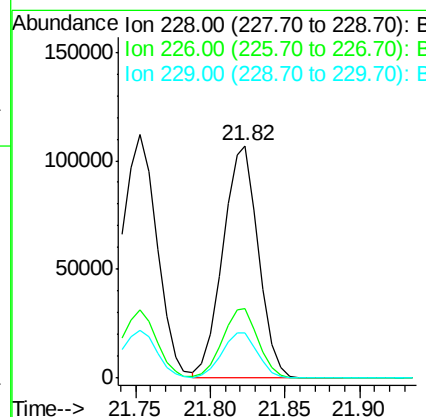
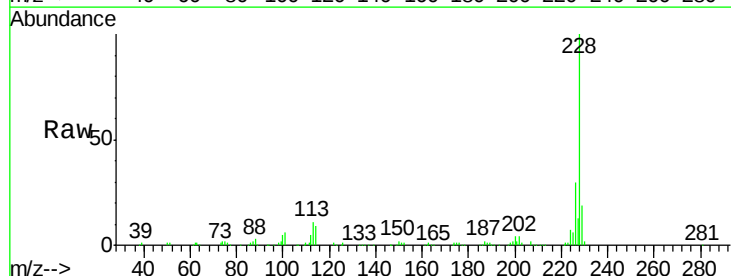
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

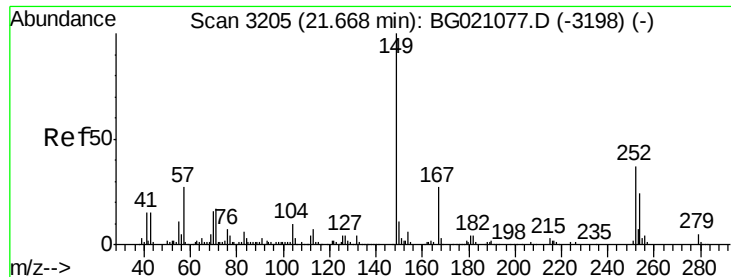
Tgt Ion:252 Resp: 70187
 Ion Ratio Lower Upper
 252 100
 254 63.3 52.6 79.0
 126 10.9 8.3 12.5



#82
 Chrysene
 Concen: 40.08 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion:228 Resp: 177793
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.7 35.5
 229 19.4 16.7 25.1

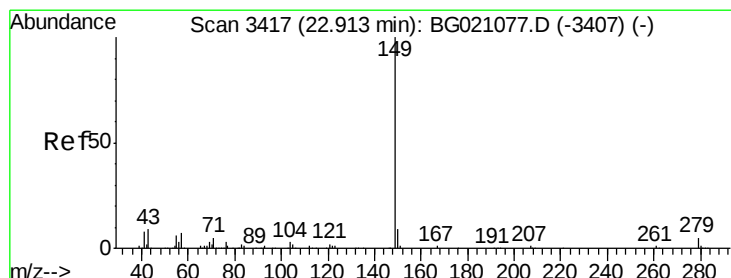
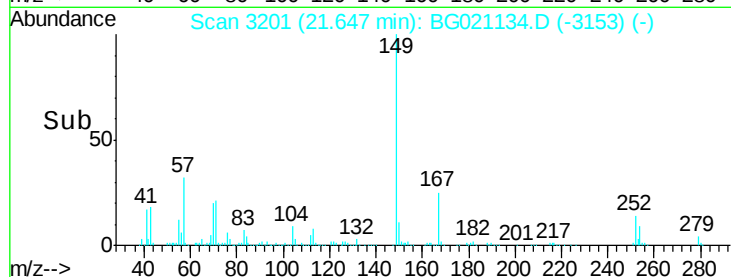
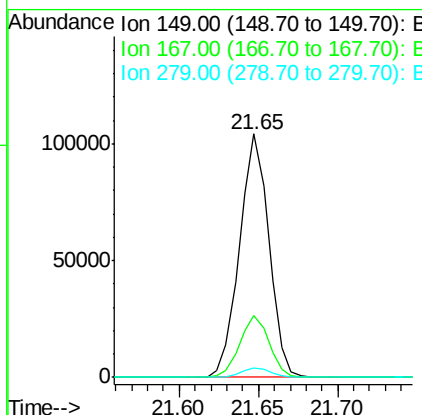
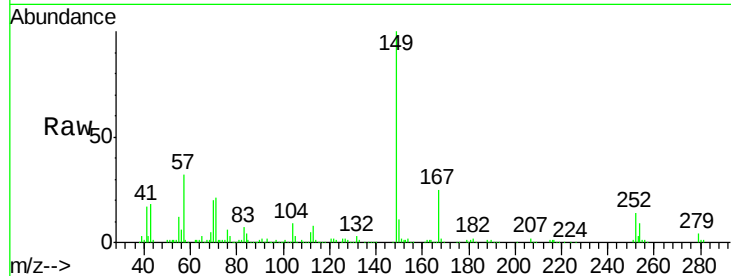




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.88 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.02 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

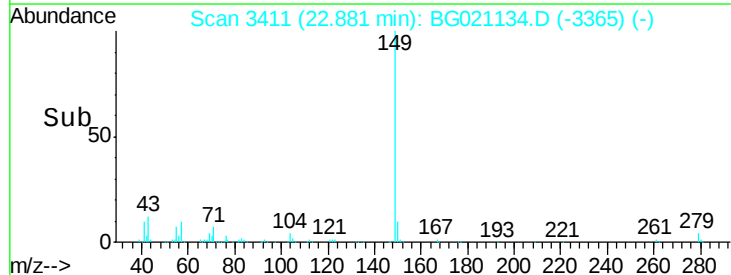
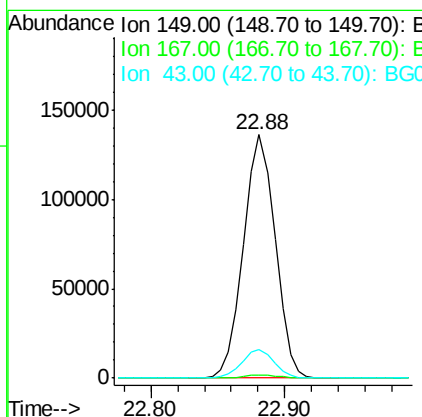
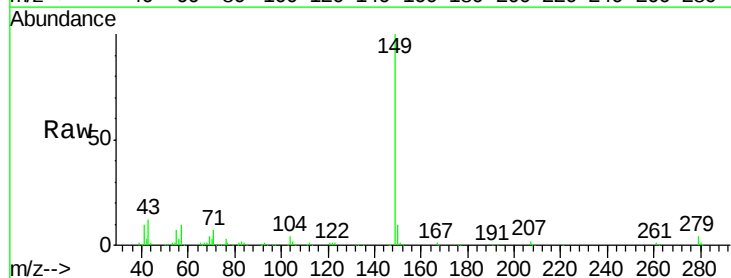
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

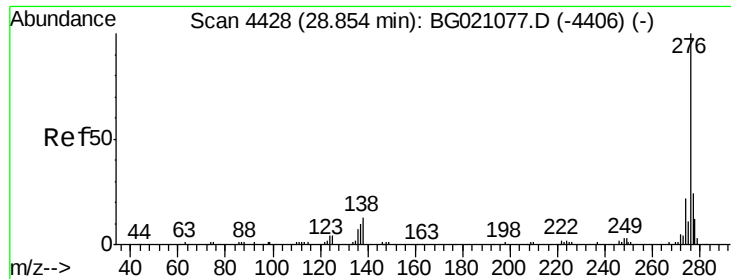
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	18.9	28.3
279	3.8	3.0	4.6



#84
 Di-n-octyl phthalate
 Concen: 46.71 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.03 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	12.1	9.8	14.8

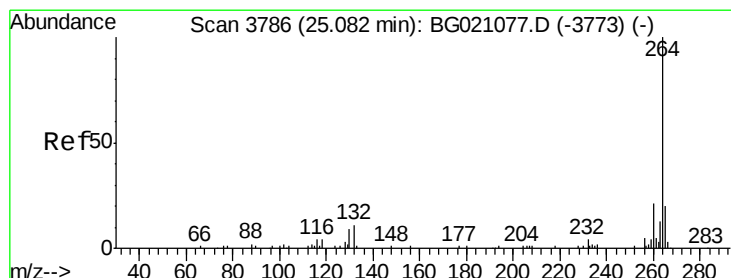
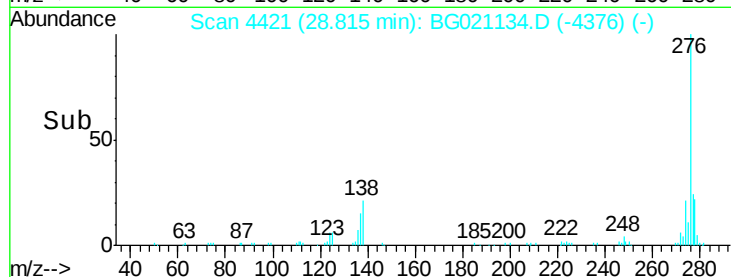
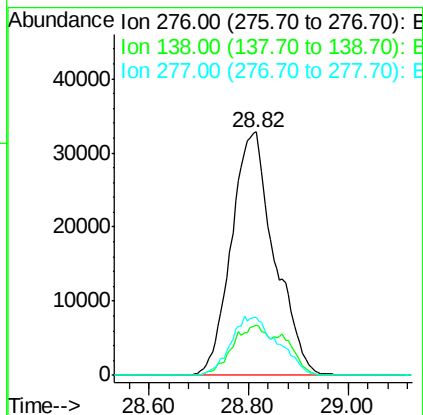
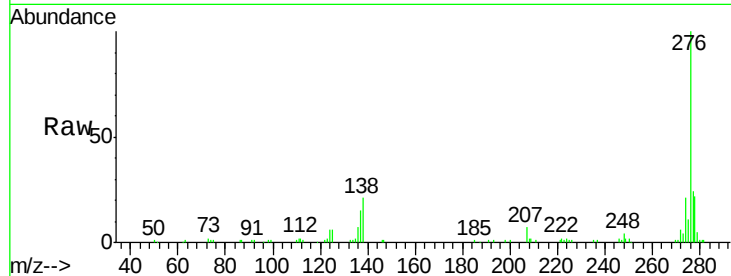




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.82 ng
 RT: 28.82 min Scan# 4421
 Delta R.T. -0.04 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

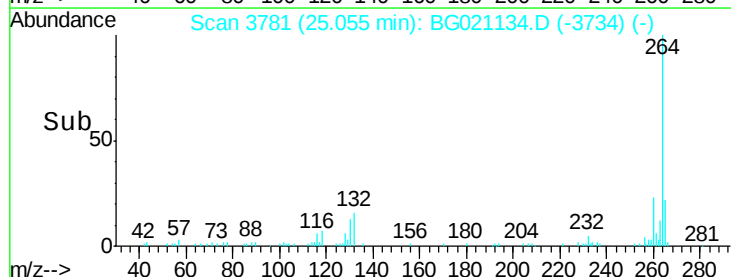
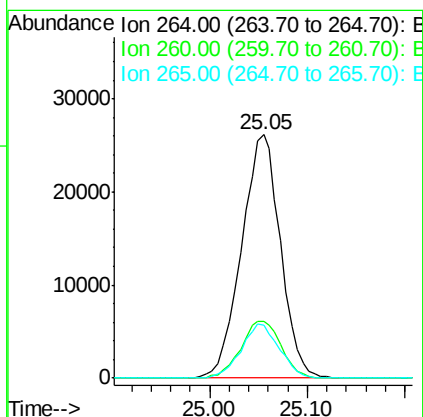
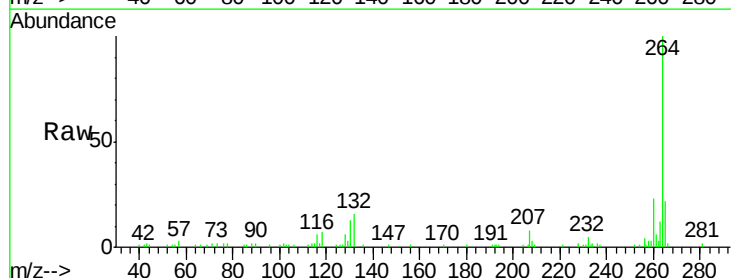
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

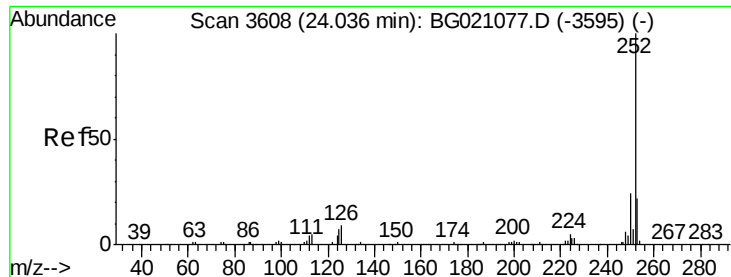
Tgt Ion: 276 Resp: 196938
 Ion Ratio Lower Upper
 276 100
 138 16.8 0.0 0.0#
 277 0.0 0.0 0.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021134.D
 Acq: 28 Feb 2016 3:32

Tgt Ion: 264 Resp: 72662
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.5 18.6 28.0





#87

Benzo(b)fluoranthene

Concen: 40.34 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.03 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

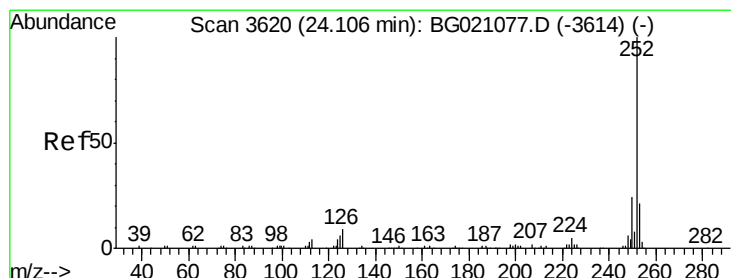
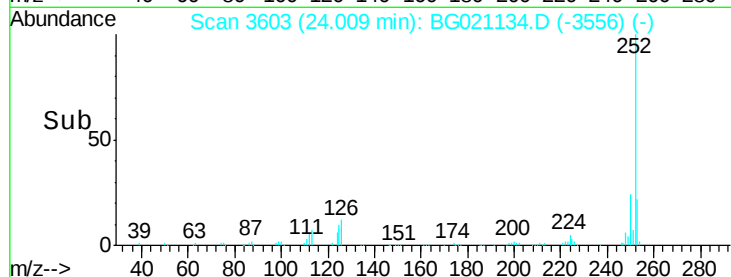
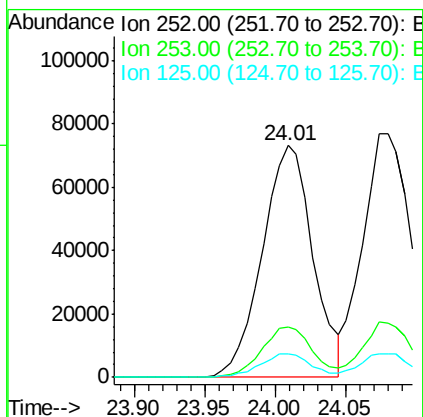
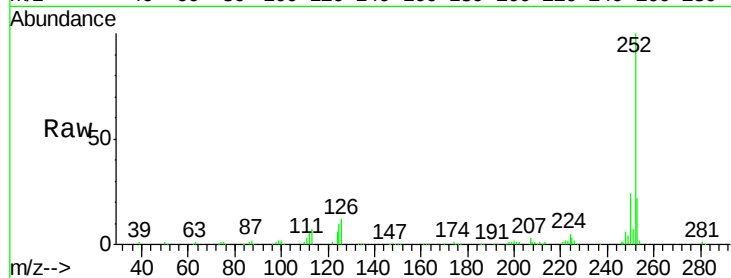
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	183204
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.8	25.2
125	10.1	8.2	12.2



#88

Benzo(k)fluoranthene

Concen: 40.62 ng

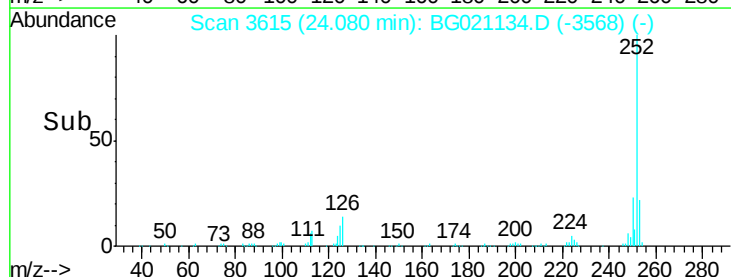
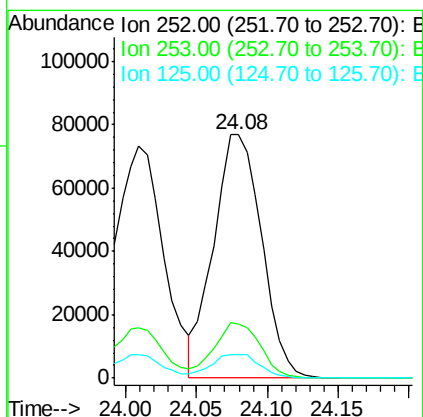
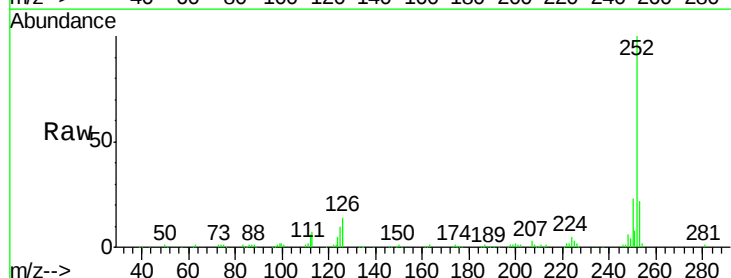
RT: 24.08 min Scan# 3615

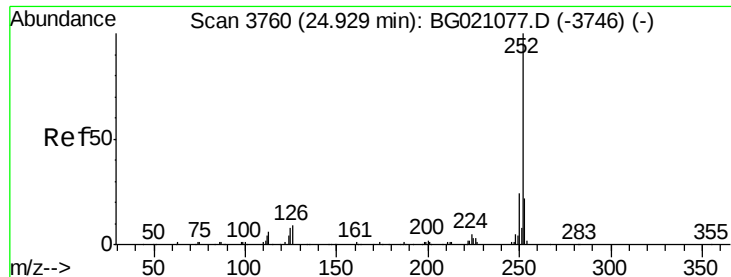
Delta R.T. -0.03 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Tgt Ion:	252	Resp:	181855
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.4	24.6
125	9.7	8.2	12.2





#89

Benzo(a)pyrene

Concen: 40.09 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.03 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

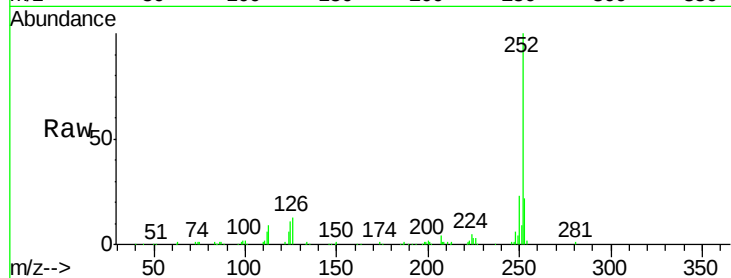
Tgt Ion:252 Resp: 174771

Ion Ratio Lower Upper

252 100

253 21.7 15.8 23.8

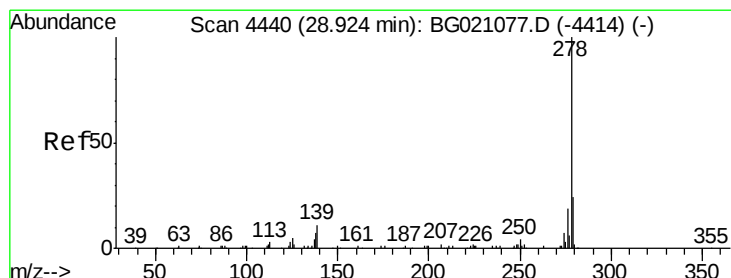
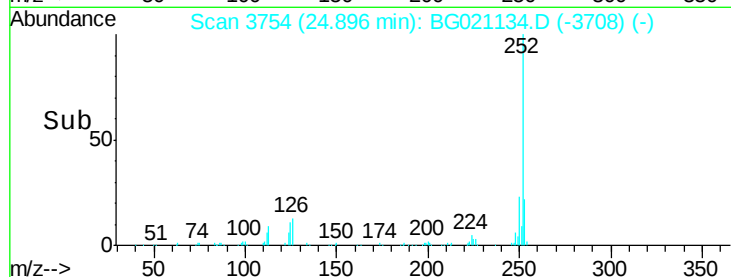
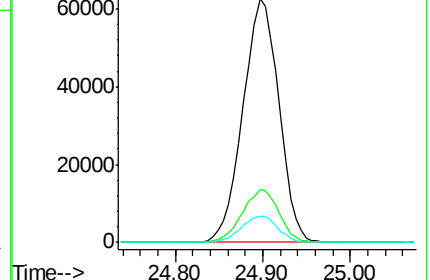
125 10.9 8.4 12.6



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: 38.51 ng

RT: 28.87 min Scan# 4430

Delta R.T. -0.06 min

Lab File: BG021134.D

Acq: 28 Feb 2016 3:32

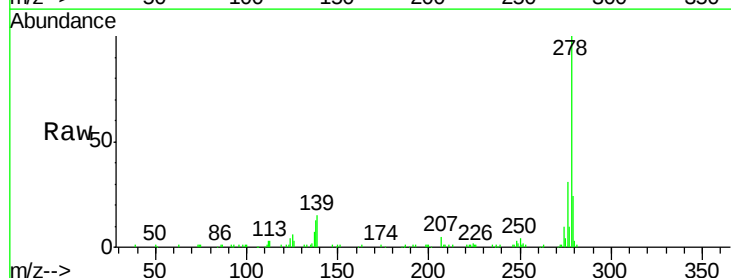
Tgt Ion:278 Resp: 169257

Ion Ratio Lower Upper

278 100

139 14.7 10.6 15.8

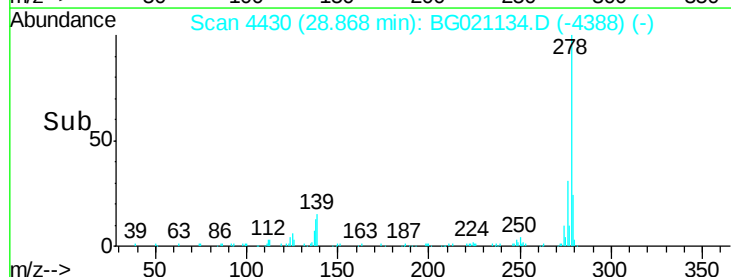
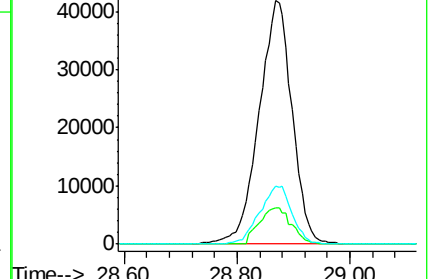
279 23.8 19.7 29.5

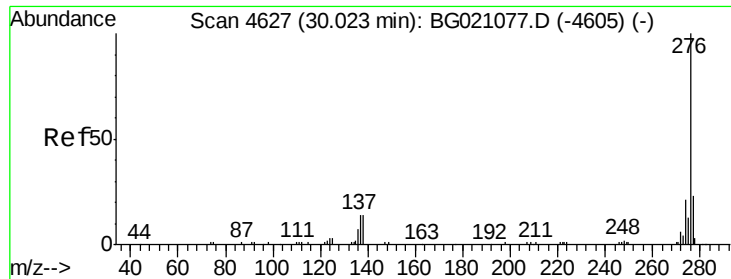


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.29 ng

RT: 29.98 min Scan# 4620

Delta R.T. -0.04 min

Lab File: BG021134.D

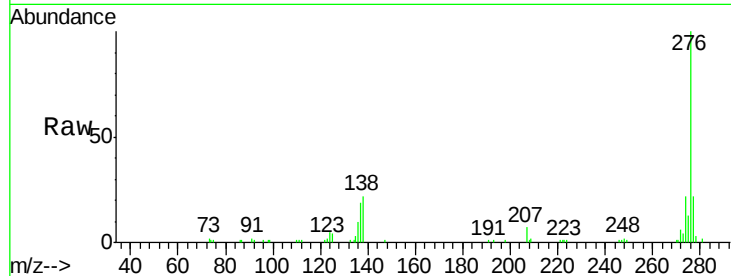
Acq: 28 Feb 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	162101
Ion	Ratio	Lower	Upper
276	100		
277	22.4	16.6	25.0
138	21.5	14.6	21.8

