

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021121.D
 Acq On : 27 Feb 2016 19:02
 Operator : UM/SJ
 Sample : H1565-03MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

Quant Time: Feb 29 00:18:17 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	8.16	152	6476	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	31897	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	20822	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	53044	20.00	ng	0.00
75) Chrysene-d12	21.78	240	59689	20.00	ng	-0.01
86) Perylene-d12	25.06	264	54433	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	71582	193.52	ng	0.00
7) Phenol-d6	7.32	99	111337	202.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	78715	117.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	41172	150.82	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	151421	93.06	ng	0.00
78) Terphenyl-d14	20.10	244	271603	106.34	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	7348	42.90	ng	# 85
3) Pyridine	4.01	79	24422	48.75	ng	96
4) n-Nitrosodimethylamine	3.92	42	13457	52.98	ng	91
6) Aniline	7.49	93	23892	35.09	ng	95
8) 2-Chlorophenol	7.73	128	27804	60.27	ng	82
9) Benzaldehyde	7.30	77	5033	16.88	ng	# 84
10) Phenol	7.34	94	40484	71.80	ng	76
11) bis(2-Chloroethyl)ether	7.58	93	26665	61.69	ng	97
12) 1,3-Dichlorobenzene	8.06	146	25688	52.32	ng	# 92
13) 1,4-Dichlorobenzene	8.20	146	26745	50.99	ng	95
14) 1,2-Dichlorobenzene	8.52	146	26100	52.55	ng	94
15) Benzyl Alcohol	8.40	79	33104	68.85	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	38676	78.04	ng	92
17) 2-Methylphenol	8.60	107	27197	68.33	ng	# 86
18) Hexachloroethane	9.26	117	10677	53.81	ng	87
19) n-Nitroso-di-n-propylamine	8.97	70	27593	64.99	ng	# 96
20) 3+4-Methylphenols	8.93	107	37182	67.38	ng	93
22) Acetophenone	8.99	105	44737	50.81	ng	# 95
24) Nitrobenzene	9.37	77	40944	59.20	ng	# 88
25) Isophorone	9.90	82	75180	59.91	ng	# 96
26) 2-Nitrophenol	10.09	139	15663	53.56	ng	# 52
27) 2,4-Dimethylphenol	10.13	122	29246	56.70	ng	84
28) bis(2-Chloroethoxy)methane	10.37	93	39061	63.88	ng	99
29) 2,4-Dichlorophenol	10.62	162	28528	56.50	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	26860	46.94	ng	100
31) Naphthalene	11.03	128	87431	53.36	ng	99
32) Benzoic acid	10.21	122	7178	15.16	ng	97
33) 4-Chloroaniline	11.13	127	7960	11.63	ng	# 87
34) Hexachlorobutadiene	11.31	225	17327	45.25	ng	93
35) Caprolactam	11.97	113	5866	34.38	ng	90
36) 4-Chloro-3-methylphenol	12.23	107	38604	62.37	ng	85
37) 2-Methylnaphthalene	12.62	142	64919	56.42	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	33975	44.15	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	45916	90.75	ng	99

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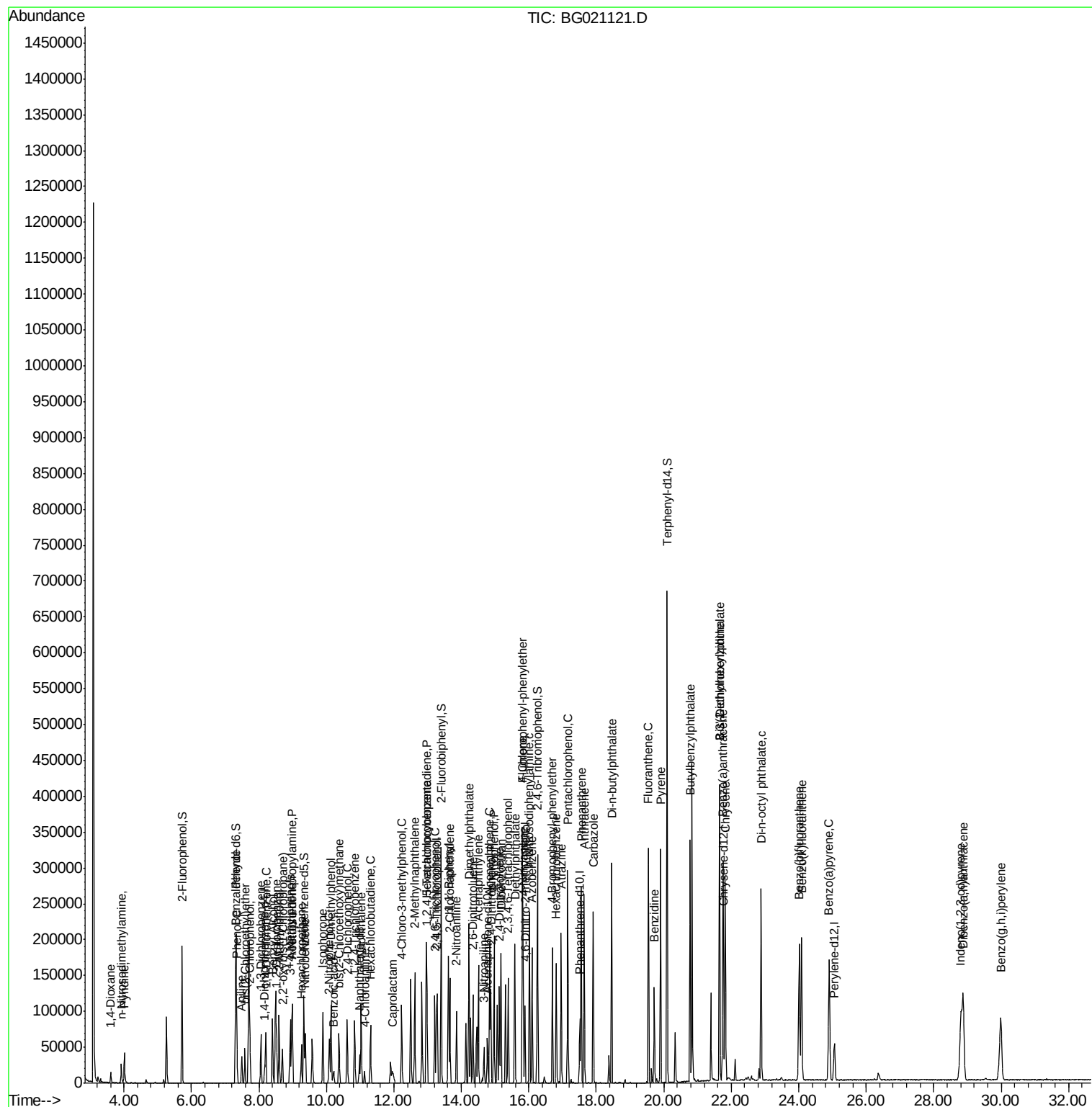
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	26134	54.16	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	28901	58.30	ng	92
45) 1,1'-Biphenyl	13.62	154	84863	48.40	ng	99
46) 2-Chloronaphthalene	13.66	162	67543	50.77	ng	96
47) 2-Nitroaniline	13.86	65	31036	72.00	ng	# 77
48) Acenaphthylene	14.50	152	113627	53.98	ng	98
49) Dimethylphthalate	14.23	163	127785	71.21	ng	# 99
50) 2,6-Dinitrotoluene	14.34	165	20776	56.27	ng	# 61
51) Acenaphthene	14.84	154	84270	58.69	ng	99
52) 3-Nitroaniline	14.67	138	10704	29.80	ng	# 68
53) 2,4-Dinitrophenol	14.87	184	23816	92.52	ng	87
54) Dibenzofuran	15.17	168	107752	59.24	ng	# 90
55) 4-Nitrophenol	14.97	139	40834	128.15	ng	# 58
56) 2,4-Dinitrotoluene	15.13	165	31702	59.88	ng	# 83
57) Fluorene	15.82	166	94804	53.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	26166	60.72	ng	# 97
59) Diethylphthalate	15.58	149	106971	56.56	ng	98
60) 4-Chlorophenyl-phenylether	15.81	204	47646	48.95	ng	100
61) 4-Nitroaniline	15.84	138	24845	60.74	ng	# 56
62) Azobenzene	16.10	77	120289	73.41	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	20205	51.93	ng	93
65) n-Nitrosodiphenylamine	16.02	169	86054	54.99	ng	94
66) 4-Bromophenyl-phenylether	16.70	248	29742	47.62	ng	# 88
67) Hexachlorobenzene	16.81	284	30349	46.06	ng	# 87
68) Atrazine	16.96	200	34940	60.25	ng	95
69) Pentachlorophenol	17.15	266	43573	97.97	ng	89
70) Phenanthrene	17.55	178	157249	55.10	ng	98
71) Anthracene	17.65	178	157805	54.90	ng	99
72) Carbazole	17.91	167	148173	59.71	ng	98
73) Di-n-butylphthalate	18.46	149	198826	60.78	ng	# 98
74) Fluoranthene	19.54	202	192517	53.77	ng	98
76) Benzidine	19.72	184	67835	43.20	ng	99
77) Pyrene	19.91	202	195821	59.25	ng	98
79) Butylbenzylphthalate	20.78	149	89685	65.02	ng	# 88
80) Benzo(a)anthracene	21.75	228	187997	54.74	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	29719	22.11	ng	98
82) Chrysene	21.82	228	170674	51.60	ng	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	131566	61.77	ng	95
84) Di-n-octyl phthalate	22.89	149	223751	62.68	ng	97
85) Indeno(1,2,3-cd)pyrene	28.81	276	200154	50.19	ng	# 100
87) Benzo(b)fluoranthene	24.02	252	186732	54.88	ng	97
88) Benzo(k)fluoranthene	24.09	252	183153	54.61	ng	96
89) Benzo(a)pyrene	24.90	252	179460	54.95	ng	98
90) Dibenzo(a,h)anthracene	28.87	278	171321	52.03	ng	98
91) Benzo(g,h,i)perylene	29.99	276	163615	51.59	ng	96

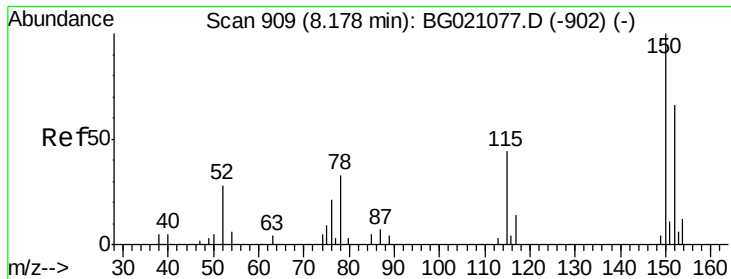
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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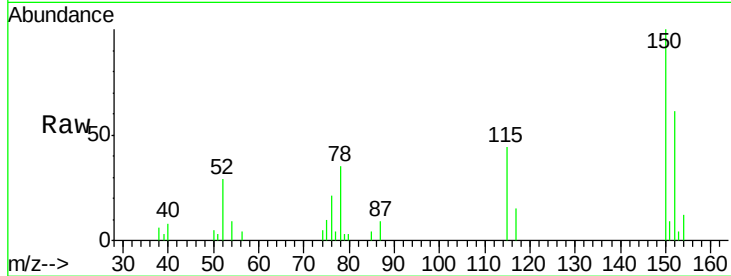


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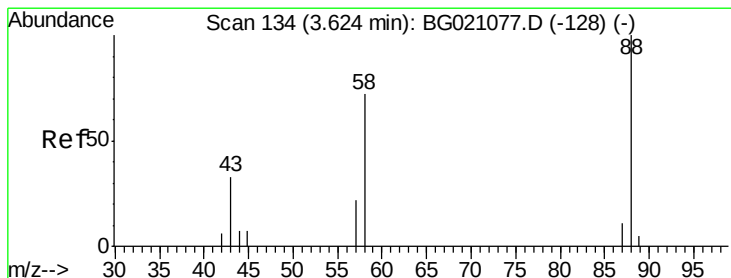
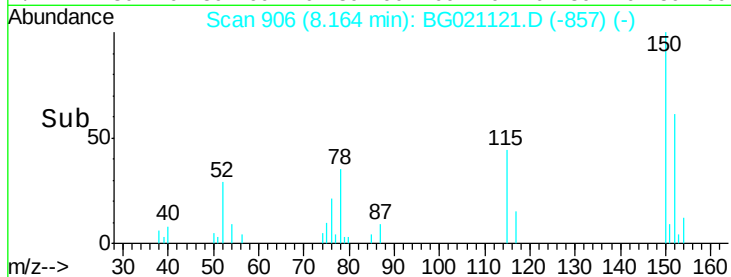
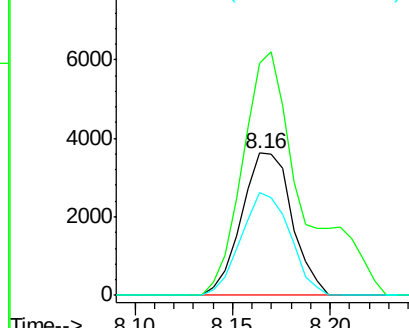
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 6476
Ion Ratio Lower Upper
152 100
150 163.6 123.4 185.2
115 72.3 43.3 64.9#



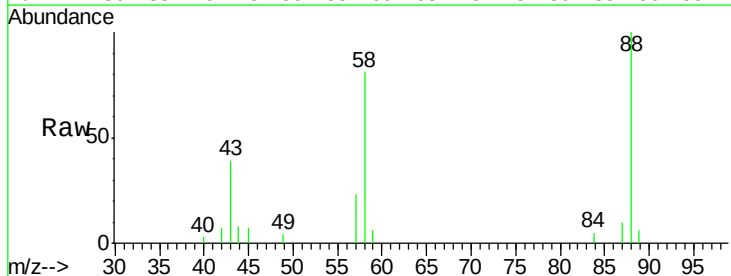
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



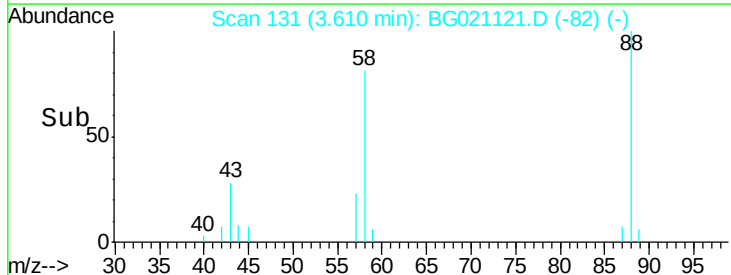
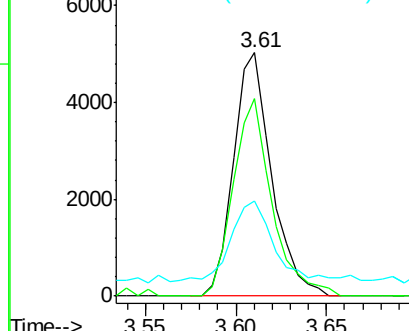
#2

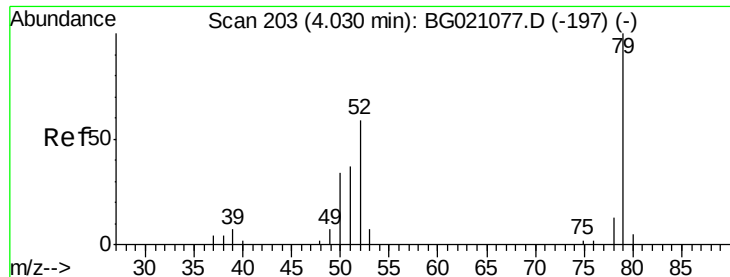
1,4-Dioxane
Concen: 42.90 ng
RT: 3.61 min Scan# 131
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion: 88 Resp: 7348
Ion Ratio Lower Upper
88 100
58 82.1 55.9 83.9
43 35.9 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: 48.75 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

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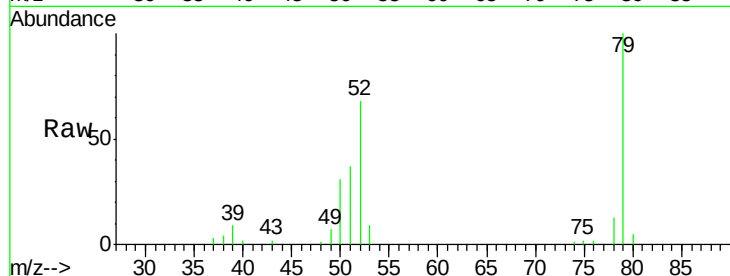
Tgt Ion: 79 Resp: 24422

Ion Ratio Lower Upper

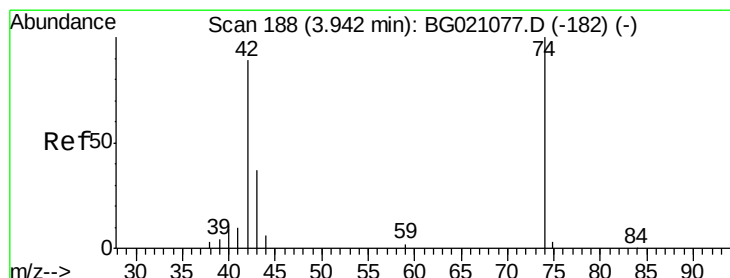
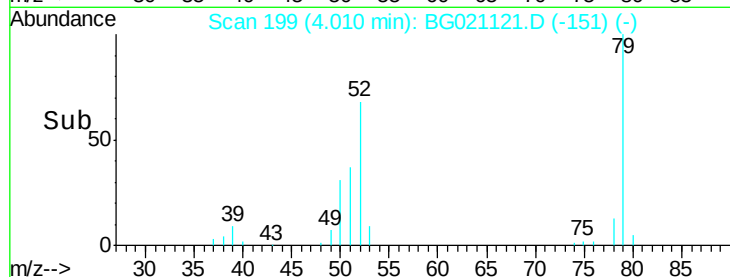
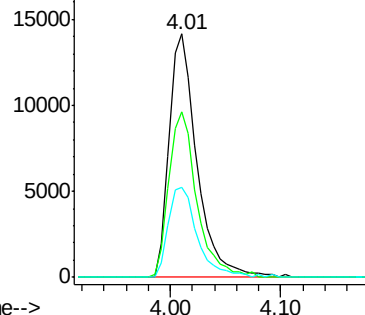
79 100

52 68.1 53.2 79.8

51 36.8 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 52.98 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.02 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

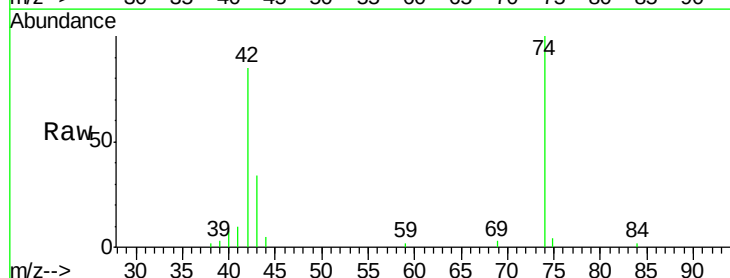
Tgt Ion: 42 Resp: 13457

Ion Ratio Lower Upper

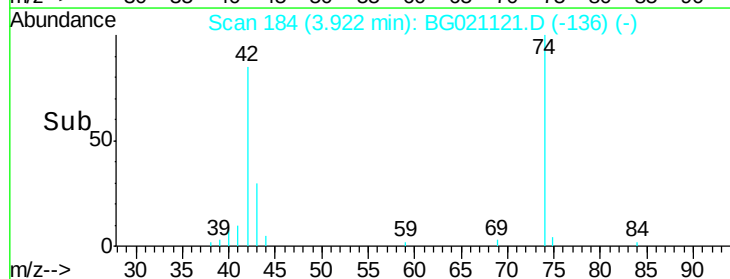
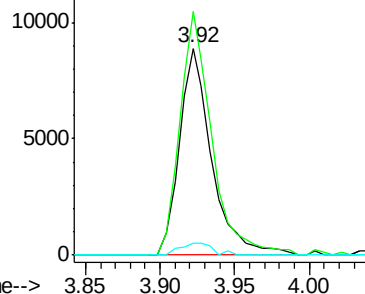
42 100

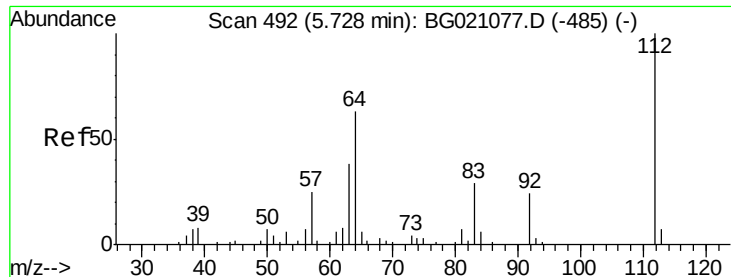
74 117.6 102.3 153.5

44 5.9 4.8 7.2



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





#5

2-Fluorophenol

Concen: 193.52 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.01 min

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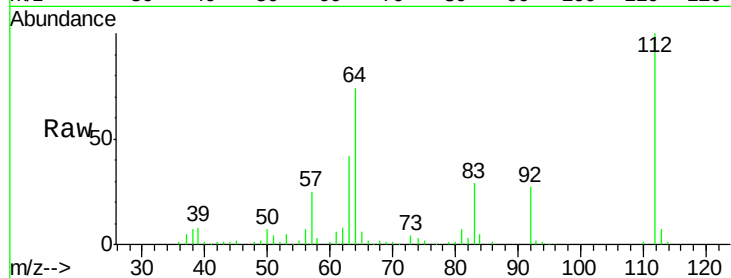
Tgt Ion: 112 Resp: 71582

Ion Ratio Lower Upper

112 100

64 74.4 42.6 63.8#

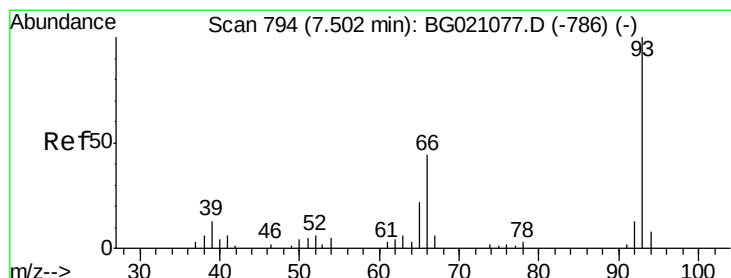
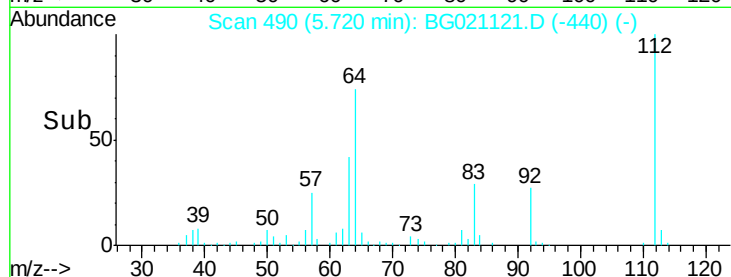
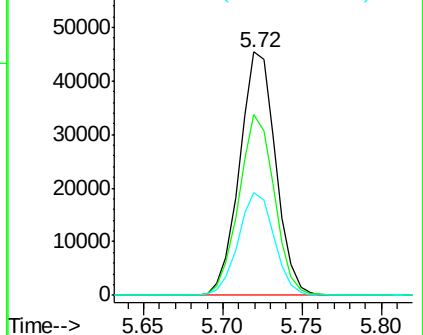
63 42.1 21.7 32.5#



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: 35.09 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

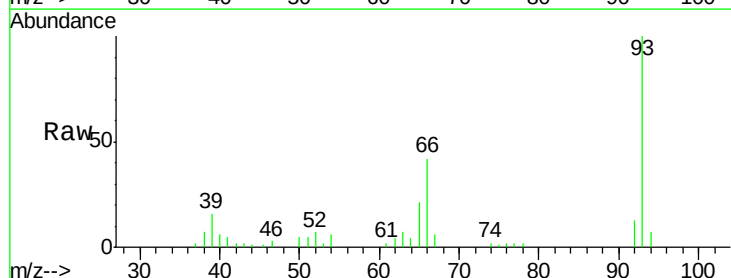
Tgt Ion: 93 Resp: 23892

Ion Ratio Lower Upper

93 100

66 42.3 30.1 45.1

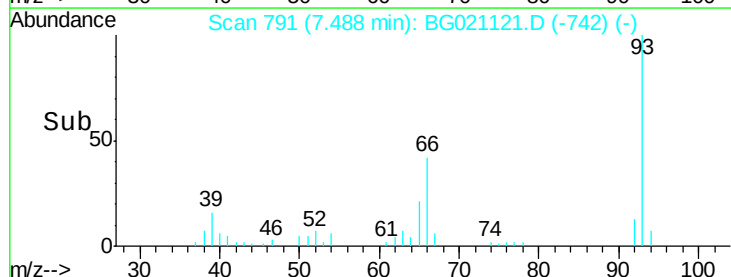
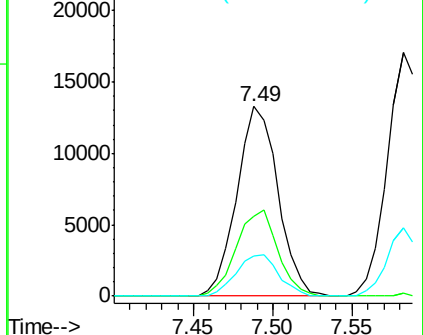
65 21.1 16.6 24.8

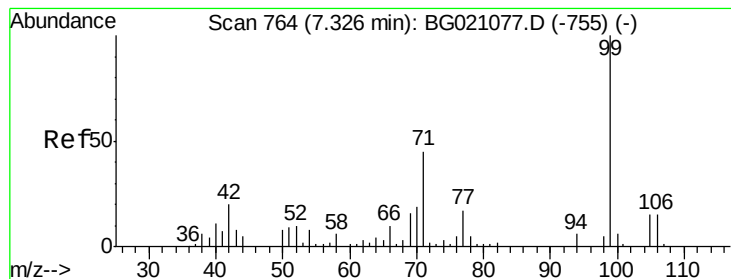


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 202.27 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

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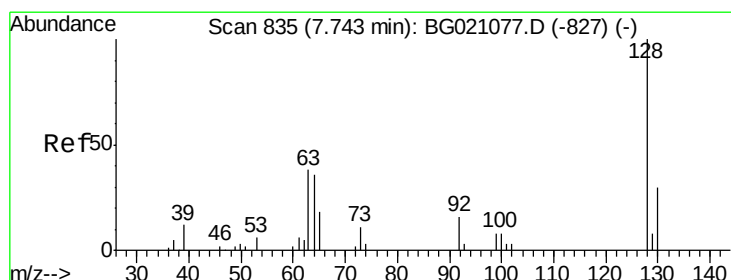
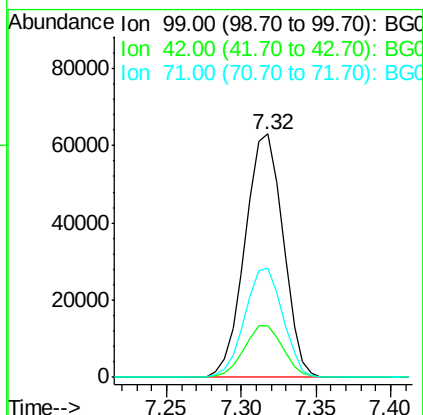
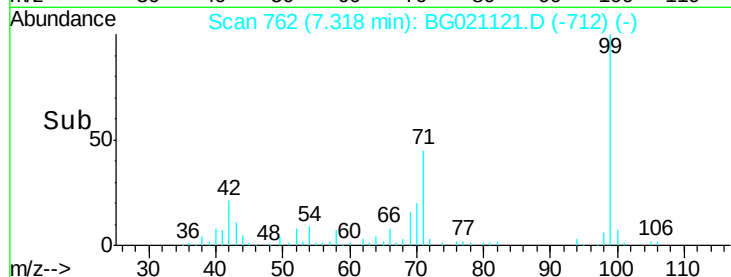
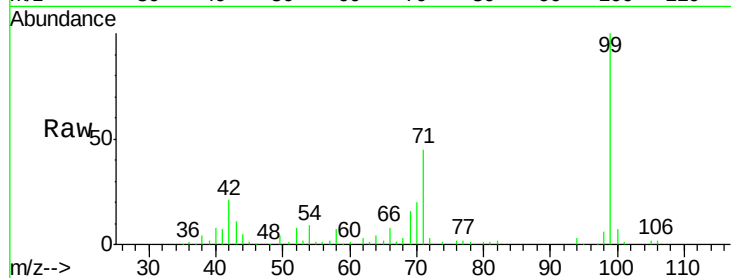
Tgt Ion: 99 Resp: 111337

Ion Ratio Lower Upper

99 100

42 21.2 13.2 19.8#

71 44.7 25.2 37.8#



#8

2-Chlorophenol

Concen: 60.27 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

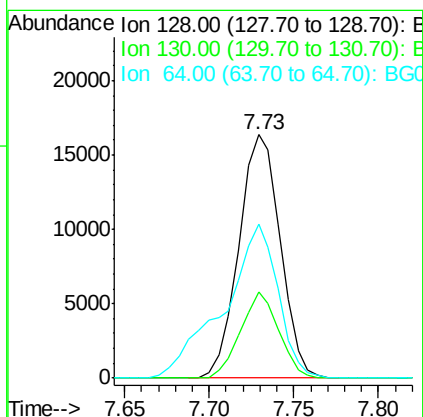
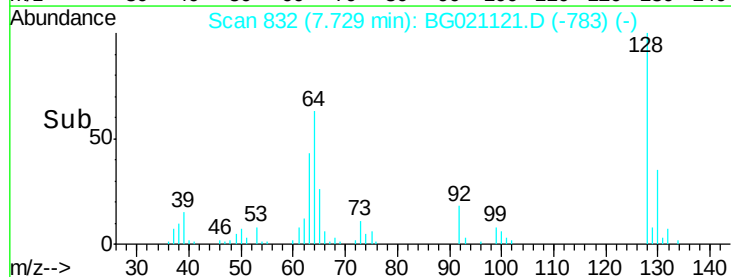
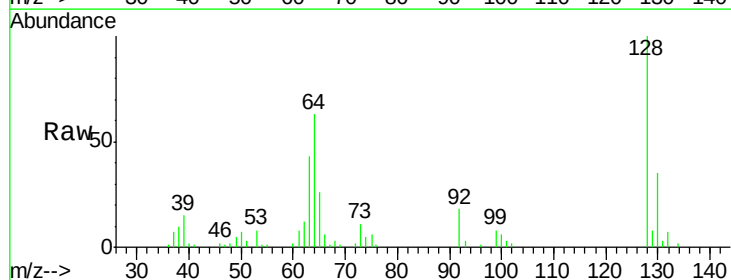
Tgt Ion: 128 Resp: 27804

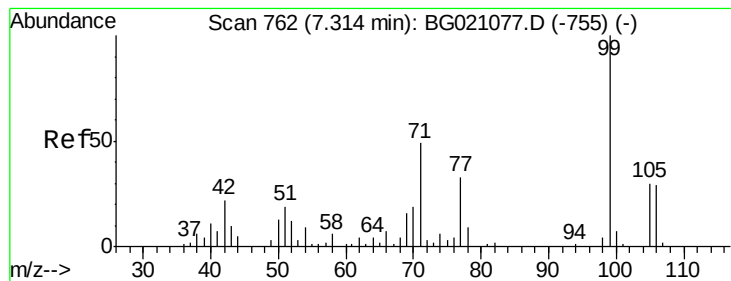
Ion Ratio Lower Upper

128 100

130 35.5 11.9 51.9

64 63.1 25.8 65.8





#9

Benzaldehyde

Concen: 16.88 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

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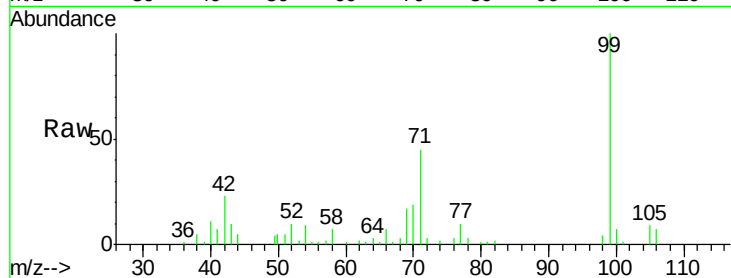
Tgt Ion: 77 Resp: 5033

Ion Ratio Lower Upper

77 100

105 89.5 77.4 117.4

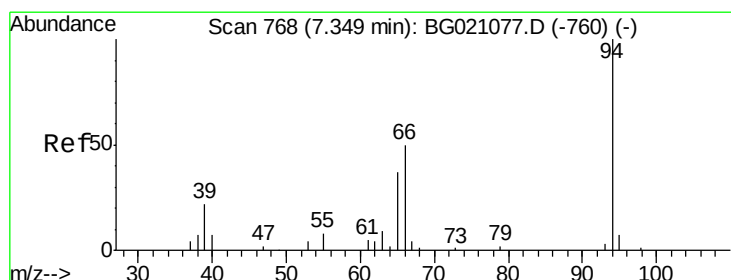
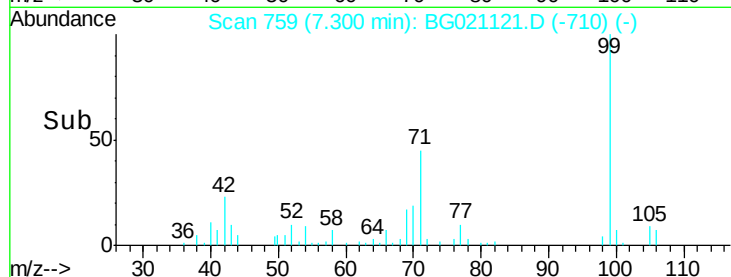
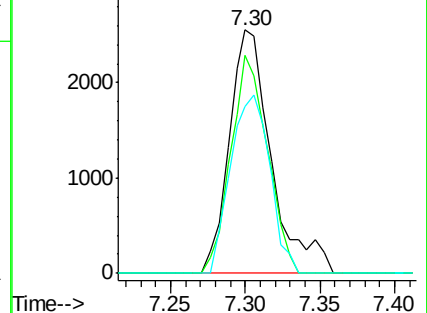
106 68.5 72.8 112.8#



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: 71.80 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

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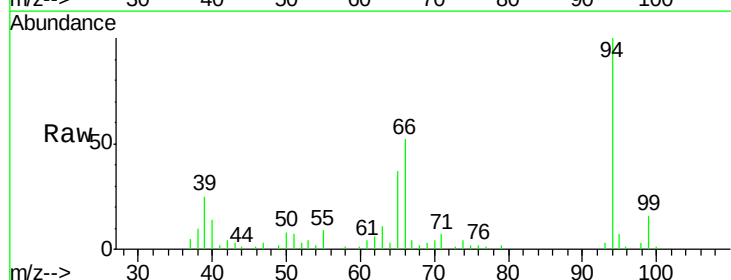
Tgt Ion: 94 Resp: 40484

Ion Ratio Lower Upper

94 100

65 36.5 7.2 47.2

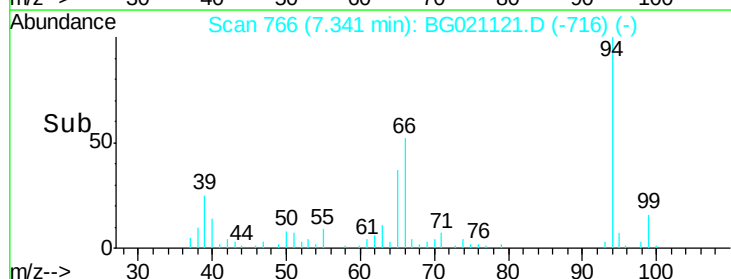
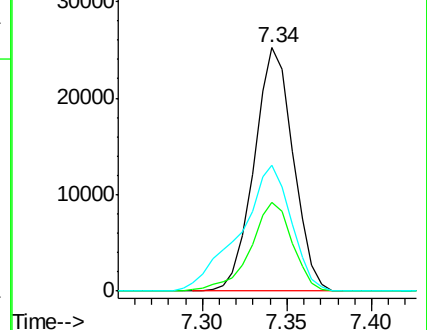
66 51.9 15.4 55.4

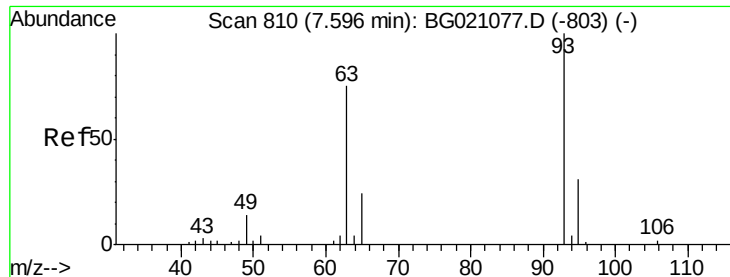


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 61.69 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

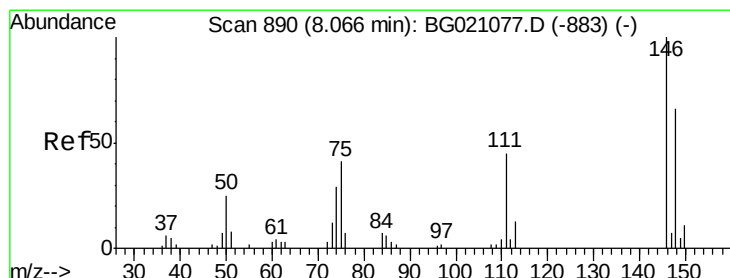
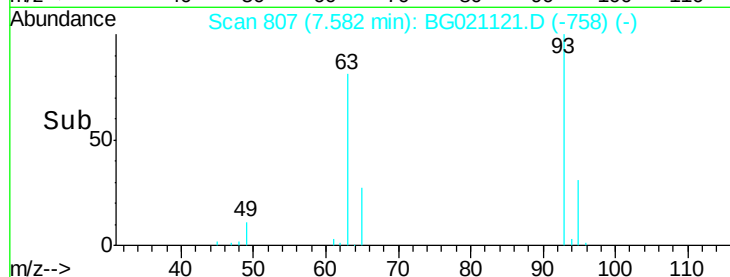
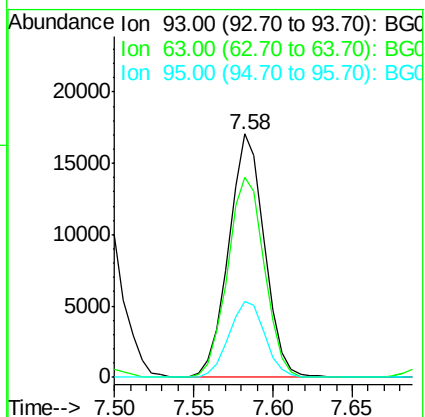
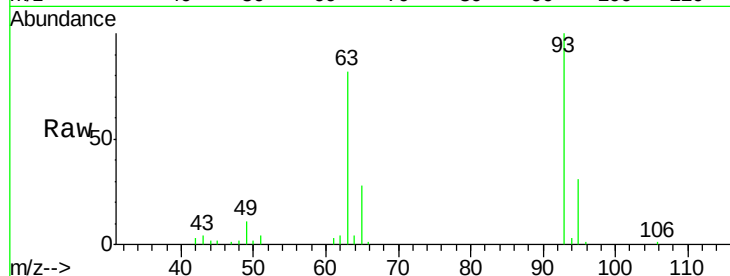
Tgt Ion: 93 Resp: 26665

Ion Ratio Lower Upper

93 100

63 82.2 60.5 100.5

95 30.9 14.6 54.6



#12

1,3-Dichlorobenzene

Concen: 52.32 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

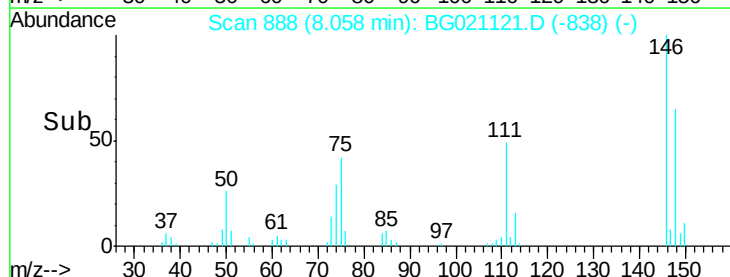
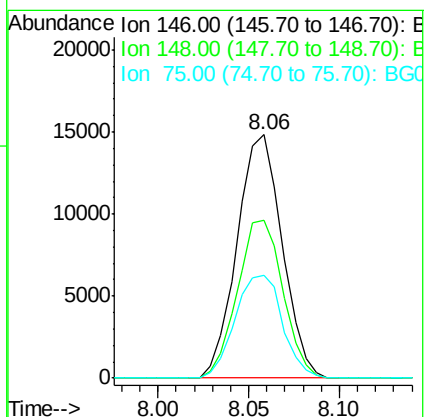
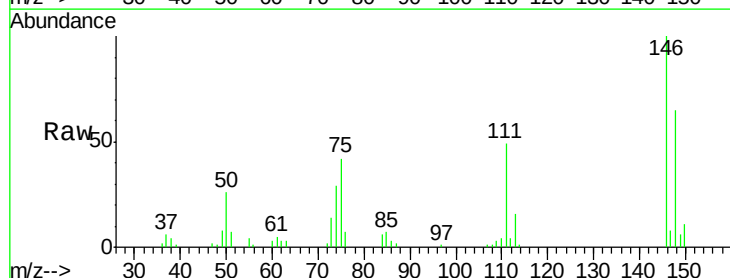
Tgt Ion: 146 Resp: 25688

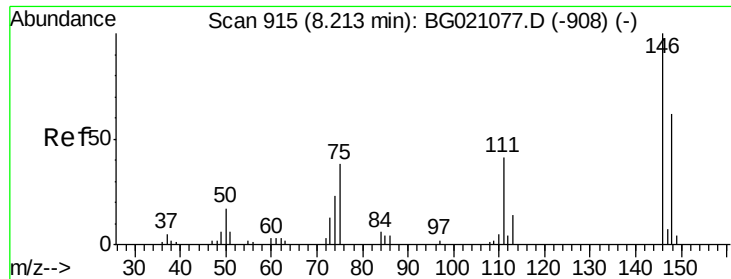
Ion Ratio Lower Upper

146 100

148 64.8 52.6 78.8

75 42.3 24.0 36.0#

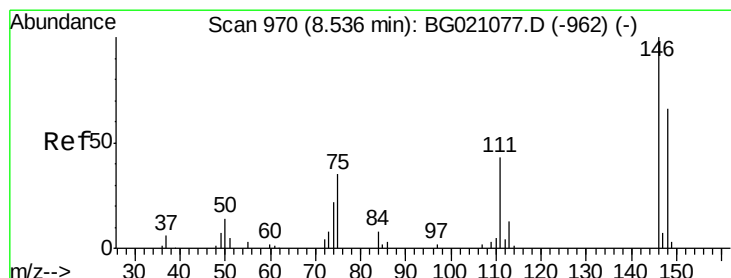
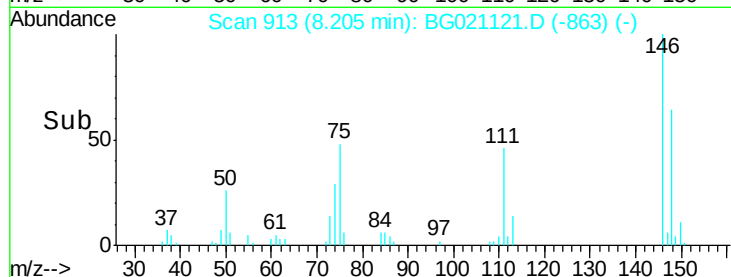
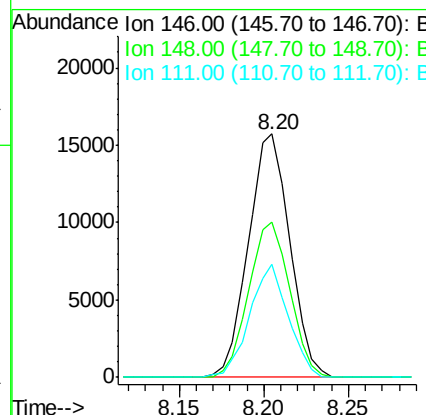
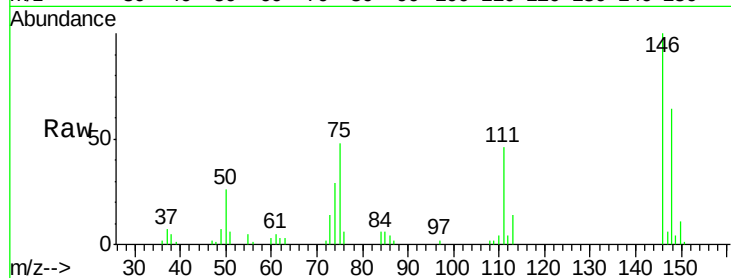




#13
 1,4-Dichlorobenzene
 Concen: 50.99 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

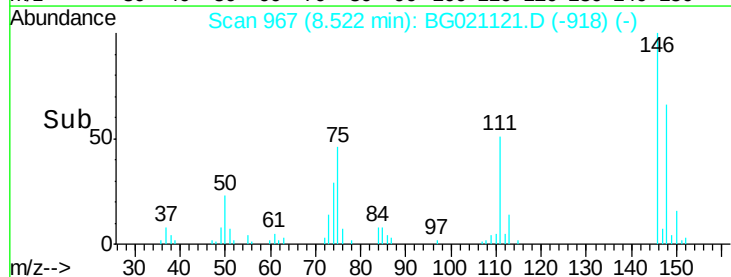
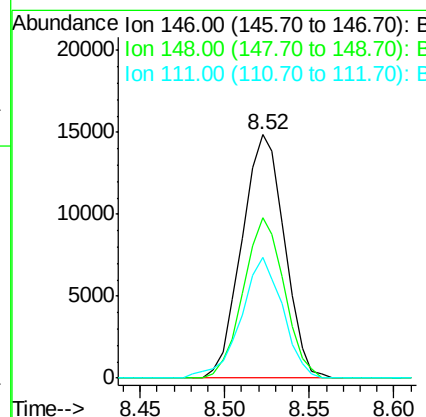
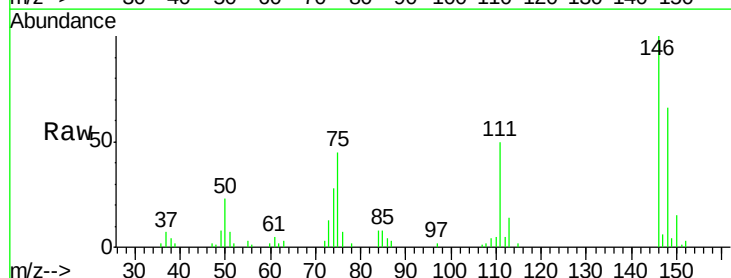
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

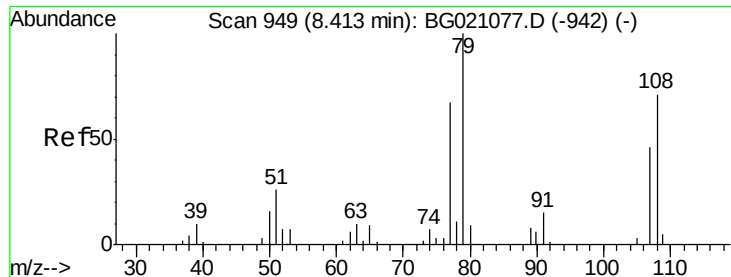
Tgt Ion:146 Resp: 26745
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.2 75.4
 111 46.5 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 52.55 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion:146 Resp: 26100
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.5 75.7
 111 49.6 35.4 53.2





#15

Benzyl Alcohol

Concen: 68.85 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

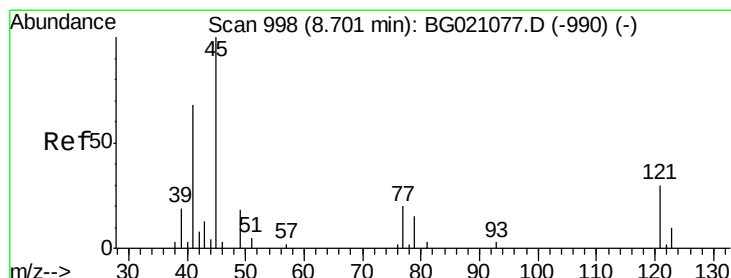
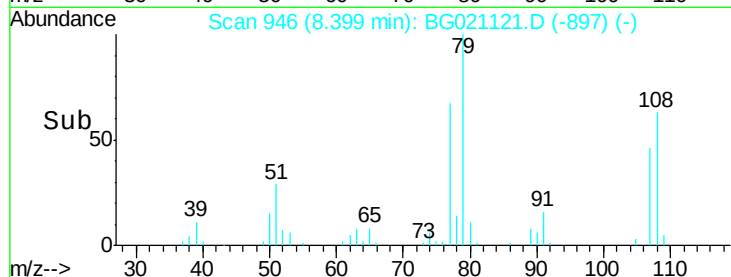
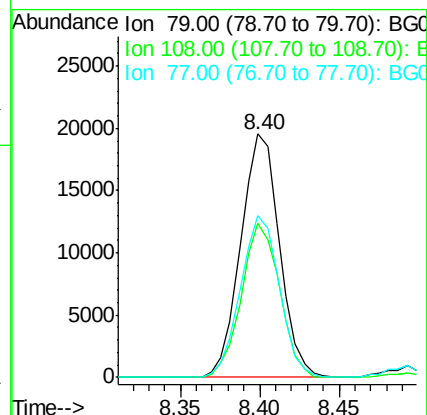
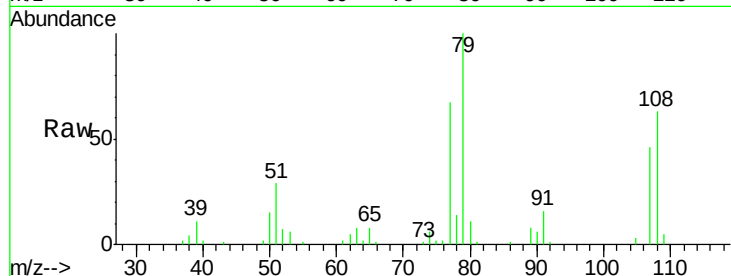
Tgt Ion: 79 Resp: 33104

Ion Ratio Lower Upper

79 100

108 63.2 65.1 97.7#

77 66.5 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.04 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

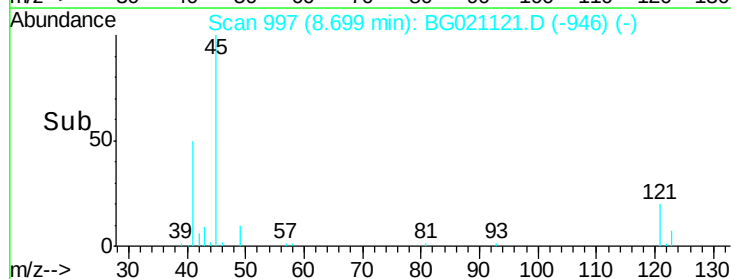
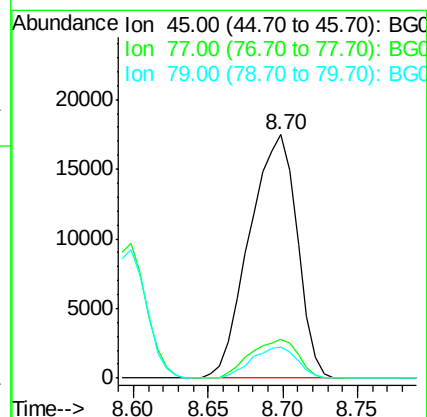
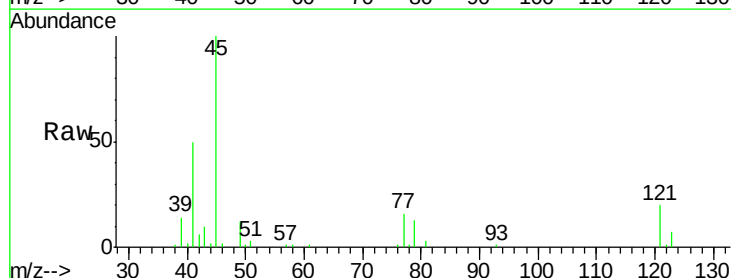
Tgt Ion: 45 Resp: 38676

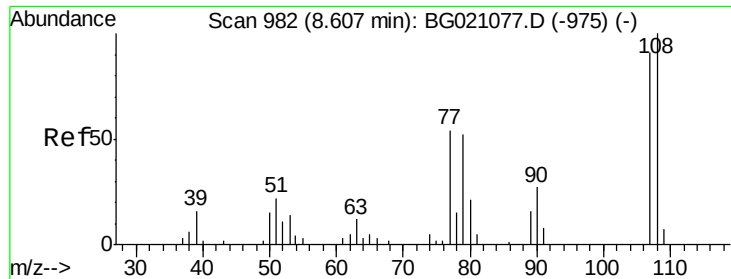
Ion Ratio Lower Upper

45 100

77 16.1 0.0 33.3

79 12.6 0.0 29.6

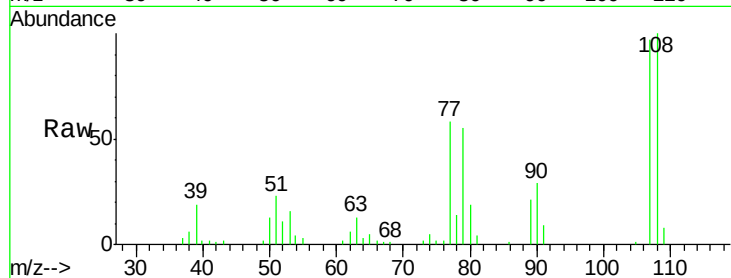




#17
2-Methylphenol
Concen: 68.33 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

Tgt Ion:	107	Resp:	27197
Ion	Ratio	Lower	Upper
107	100		
108	103.1	88.8	133.2
77	59.7	38.0	57.0#
79	56.7	32.6	49.0#



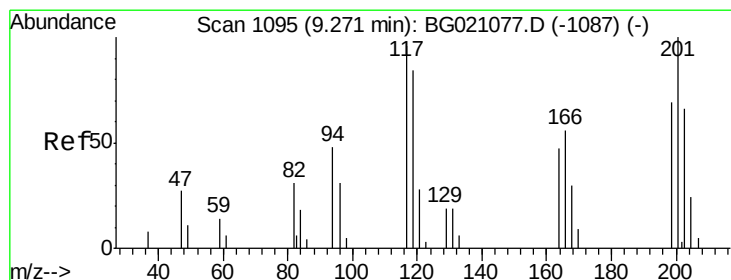
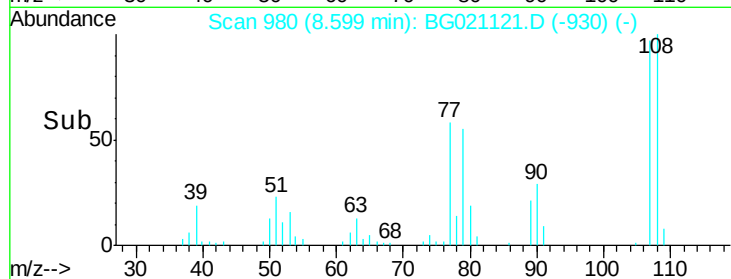
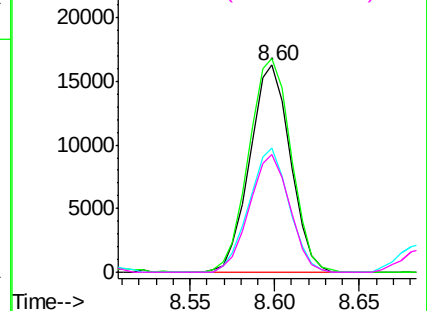
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

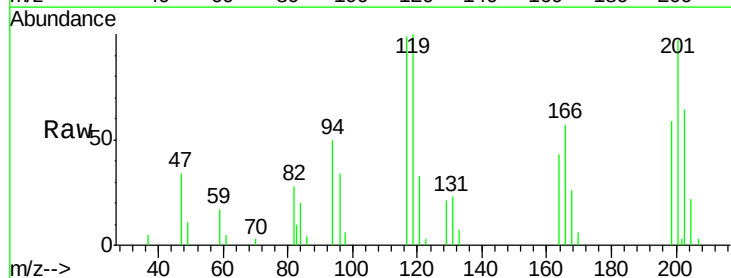
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 53.81 ng
RT: 9.26 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:	117	Resp:	10677
Ion	Ratio	Lower	Upper
117	100		
119	101.1	74.5	111.7
201	101.2	68.2	102.4

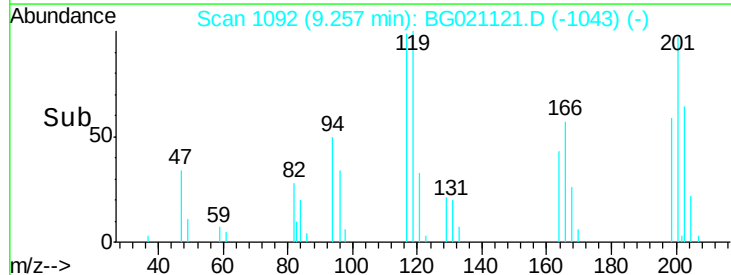
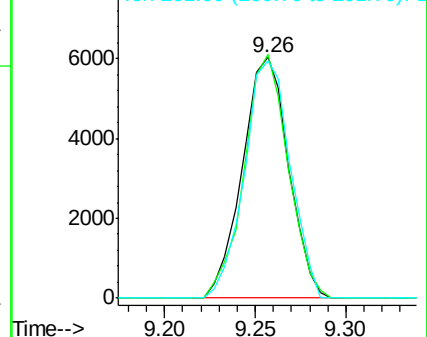


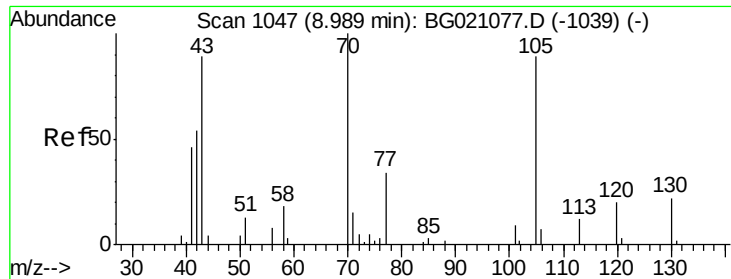
Abundance

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

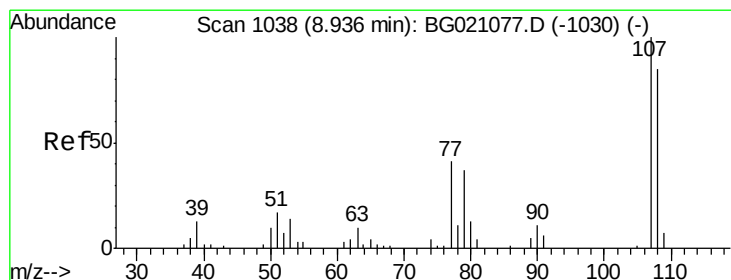
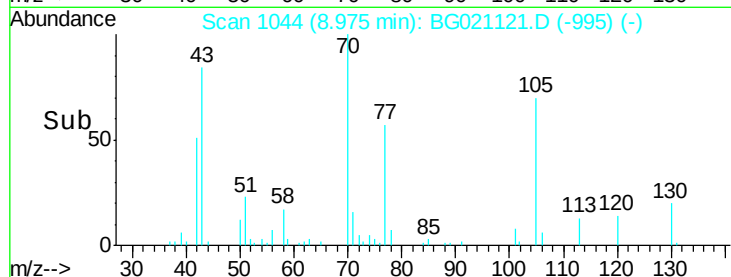
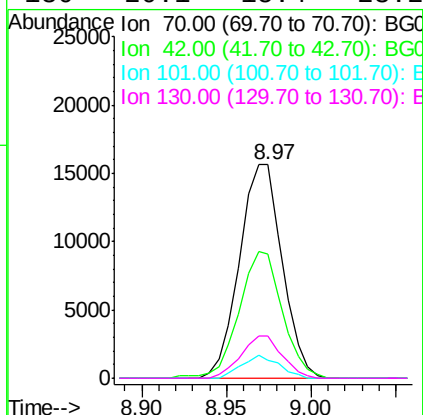
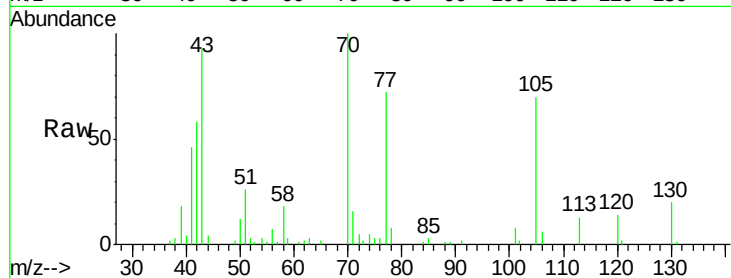




#19
n-Nitroso-di-n-propylamine
Concen: 64.99 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

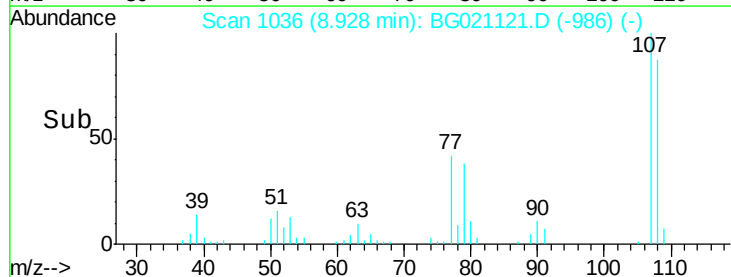
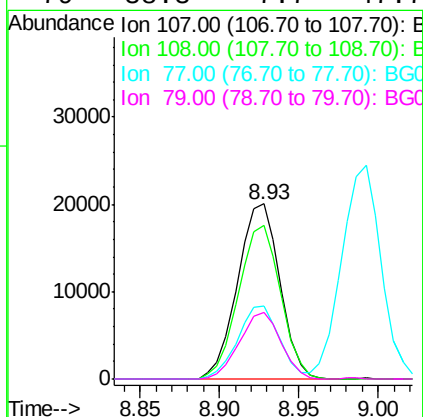
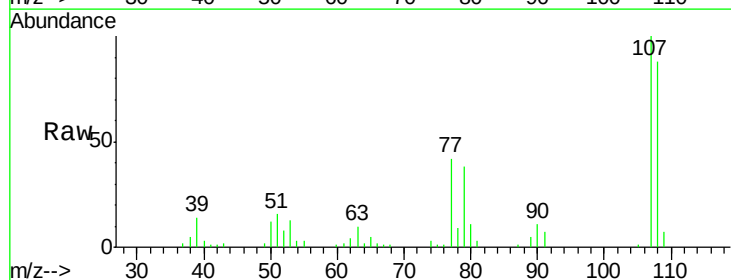
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

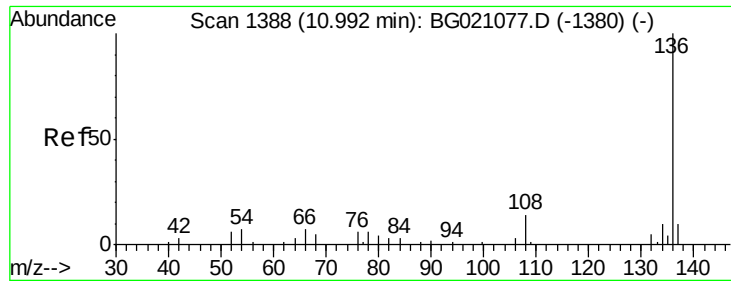
Tgt Ion: 70 Resp: 27593
Ion Ratio Lower Upper
70 100
42 58.1 48.8 73.2
101 8.3 8.5 12.7#
130 20.1 15.4 23.2



#20
3+4-Methylphenols
Concen: 67.38 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion: 107 Resp: 37182
Ion Ratio Lower Upper
107 100
108 88.0 67.6 107.6
77 42.0 14.4 54.4
79 38.3 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: BG021121.D

Acq: 27 Feb 2016 19:02

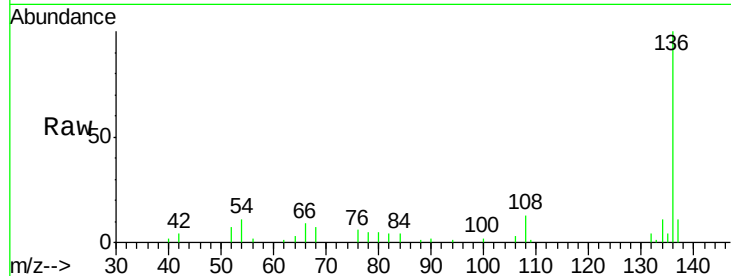
Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

Tgt Ion:	136	Resp:	31897
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.6	6.9	10.3#
68	6.9	5.8	8.6



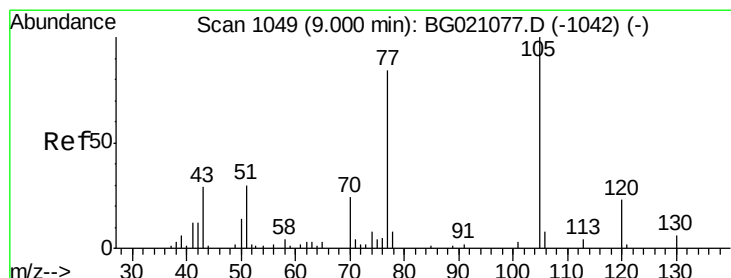
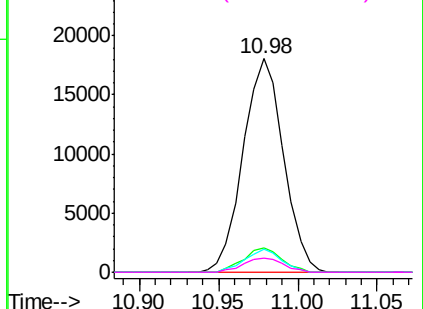
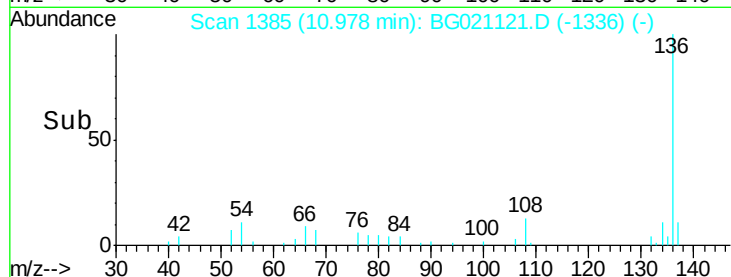
Abundance

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: 50.81 ng

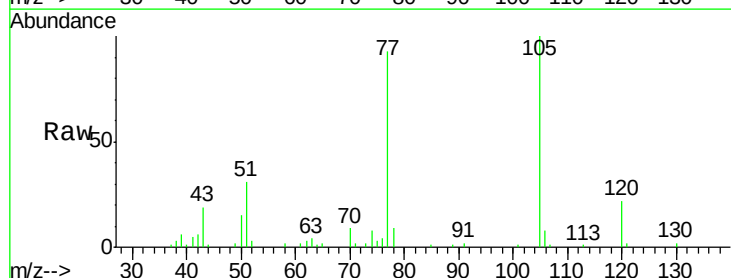
RT: 8.99 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Tgt Ion:	105	Resp:	44737
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.0	0.0#
51	30.8	21.4	32.2
120	21.6	18.0	27.0



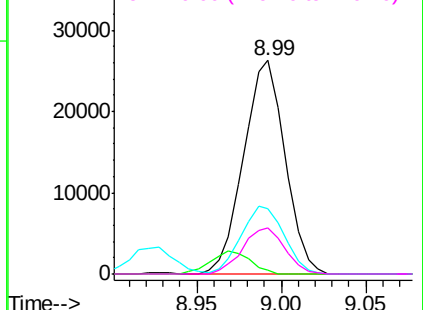
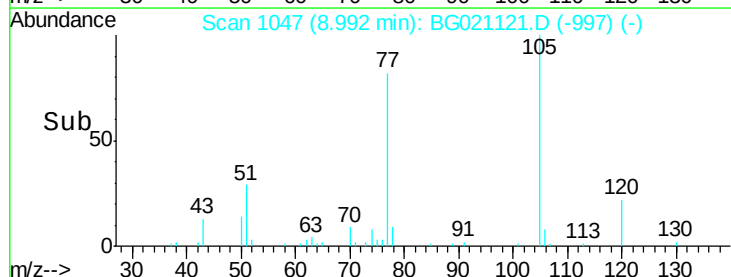
Abundance

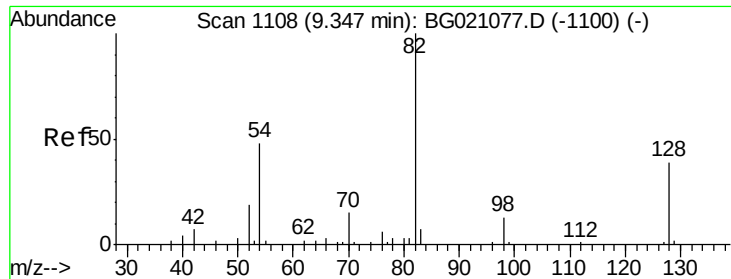
Ion 105.00 (104.70 to 105.70): E

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

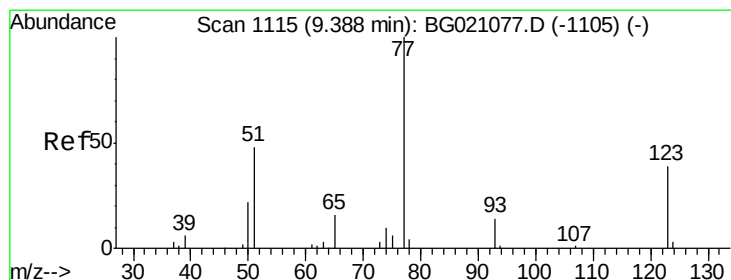
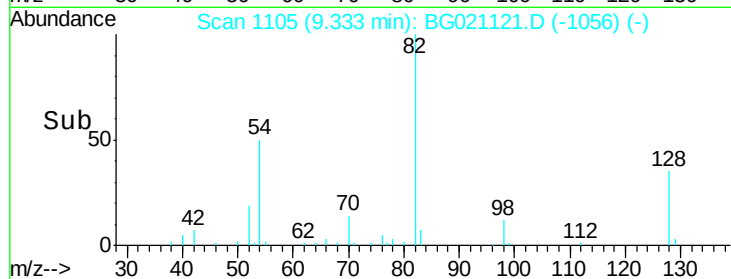
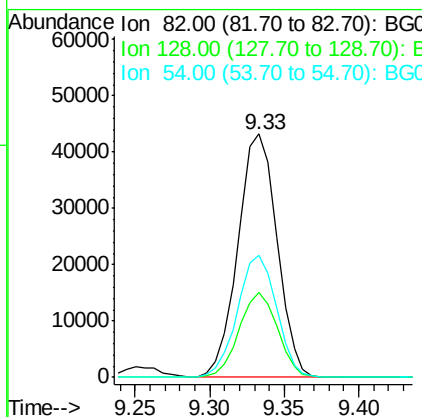
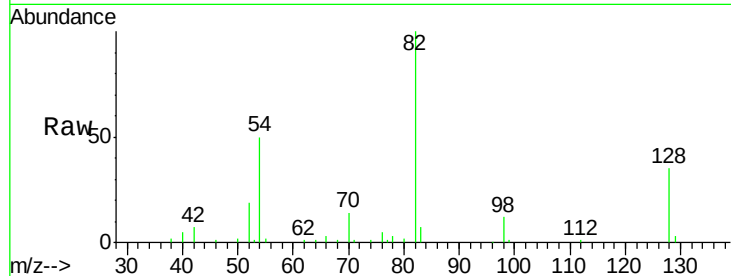




#23
 Nitrobenzene-d5
 Concen: 117.58 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

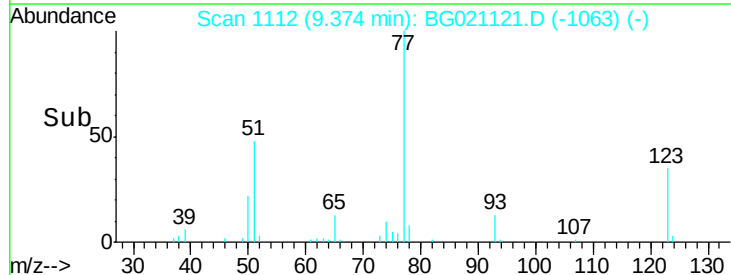
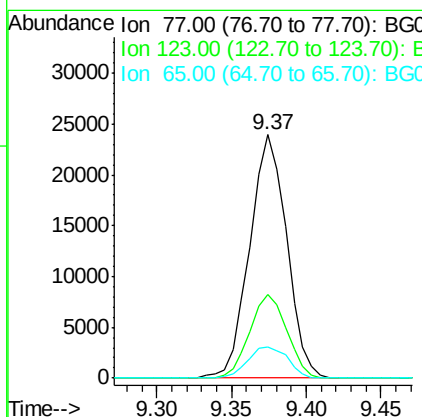
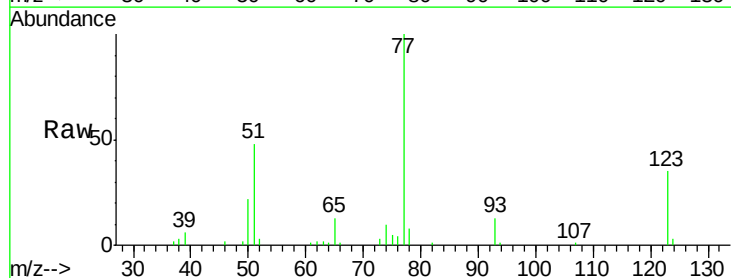
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

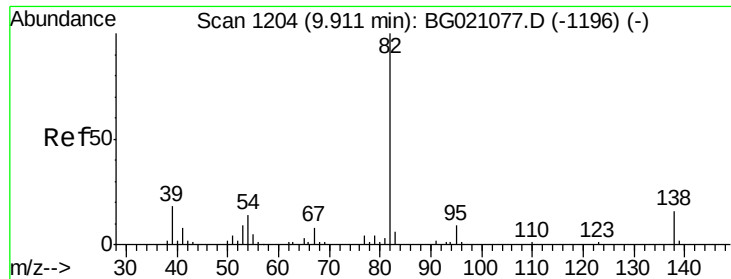
Tgt Ion: 82 Resp: 78715
 Ion Ratio Lower Upper
 82 100
 128 34.8 36.3 54.5#
 54 49.9 37.6 56.4



#24
 Nitrobenzene
 Concen: 59.20 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion: 77 Resp: 40944
 Ion Ratio Lower Upper
 77 100
 123 34.5 35.8 53.6#
 65 13.0 10.6 16.0





#25

Isophorone

Concen: 59.91 ng

RT: 9.90 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

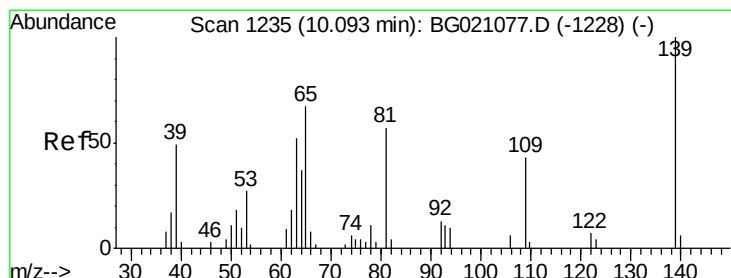
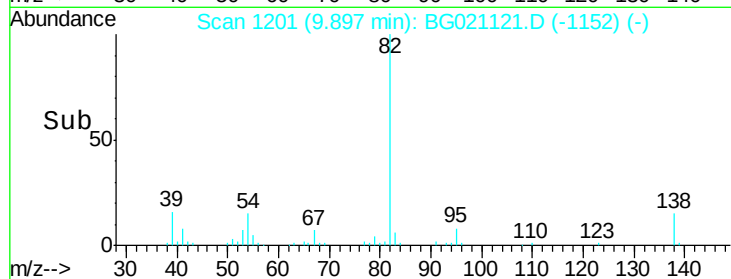
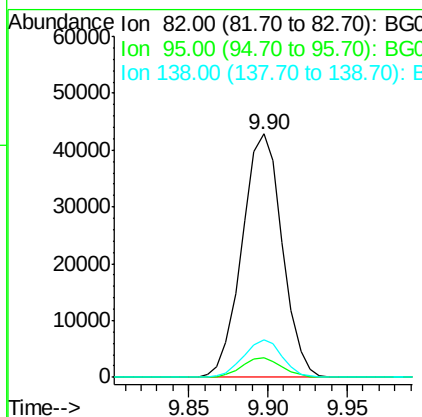
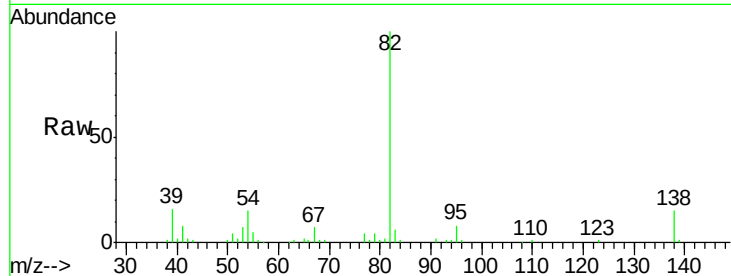
Tgt Ion: 82 Resp: 75180

Ion Ratio Lower Upper

82 100

95 8.2 5.4 8.0#

138 15.3 13.4 20.0



#26

2-Nitrophenol

Concen: 53.56 ng

RT: 10.09 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

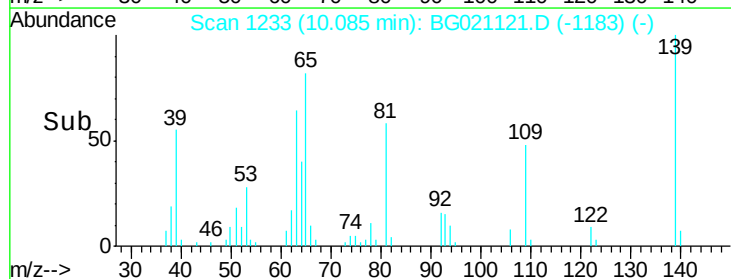
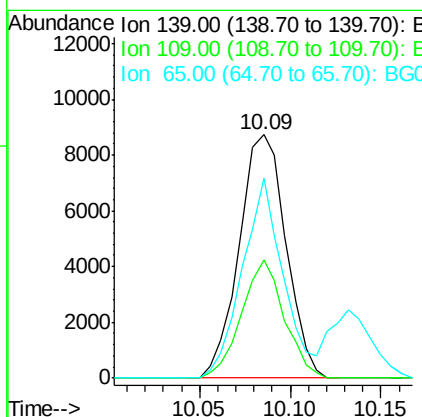
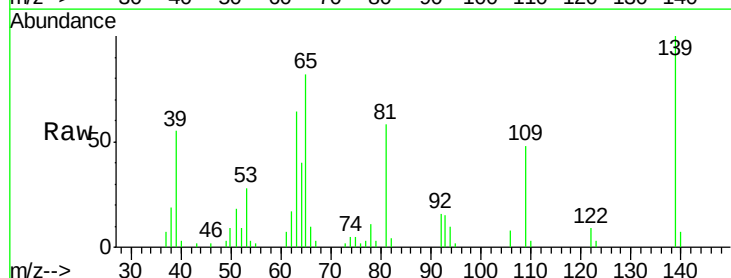
Tgt Ion: 139 Resp: 15663

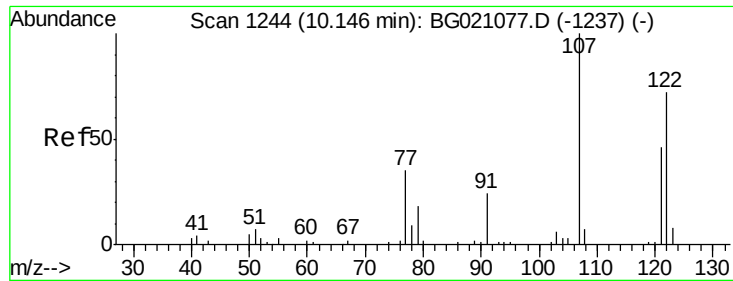
Ion Ratio Lower Upper

139 100

109 48.4 21.4 32.0#

65 82.0 37.8 56.8#

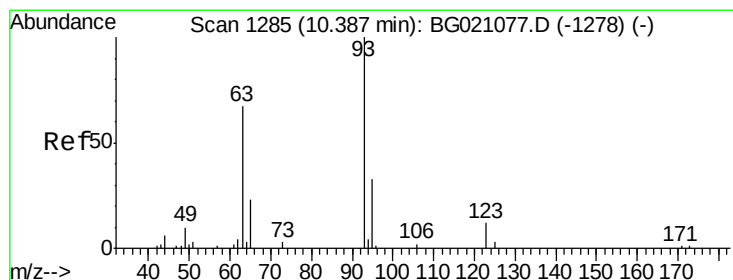
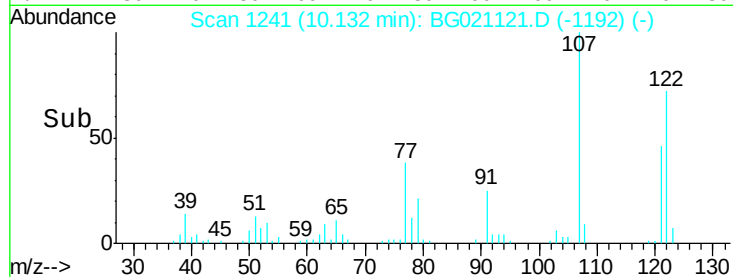
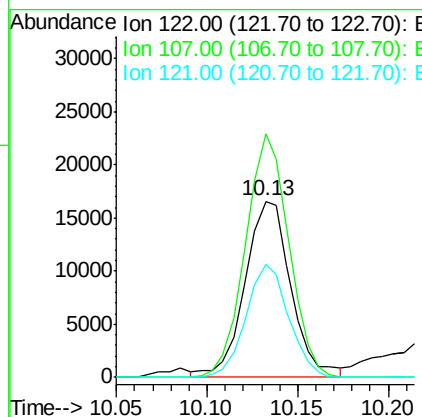
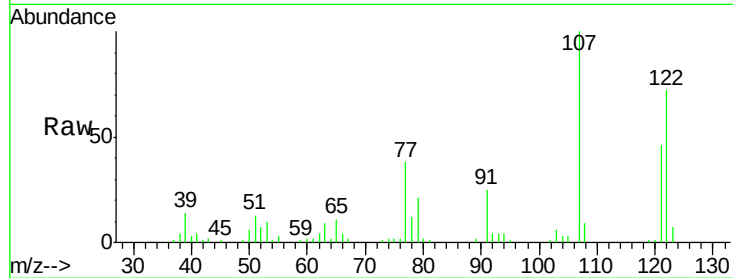




#27
 2,4-Dimethylphenol
 Concen: 56.70 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

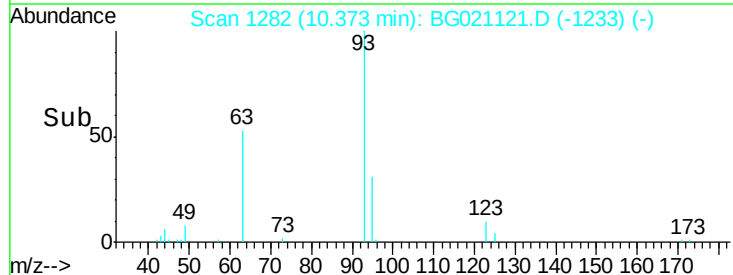
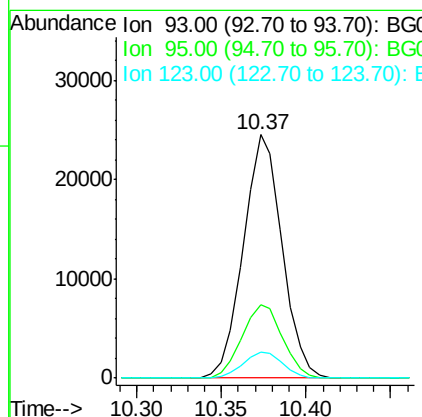
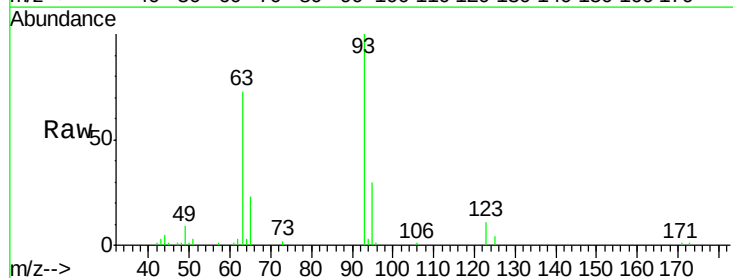
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

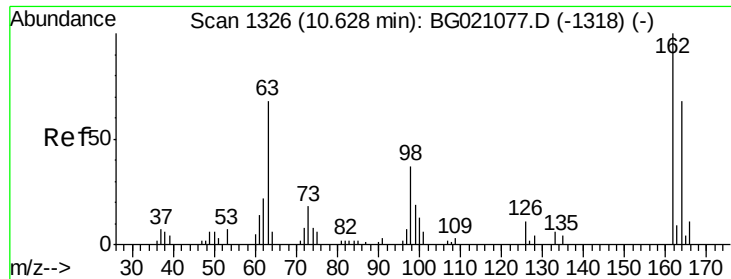
Tgt Ion:122 Resp: 29246
 Ion Ratio Lower Upper
 122 100
 107 138.3 94.1 141.1
 121 64.3 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 63.88 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion: 93 Resp: 39061
 Ion Ratio Lower Upper
 93 100
 95 30.3 24.2 36.2
 123 10.8 9.0 13.6

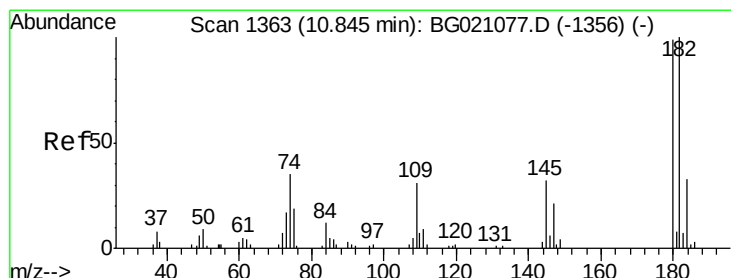
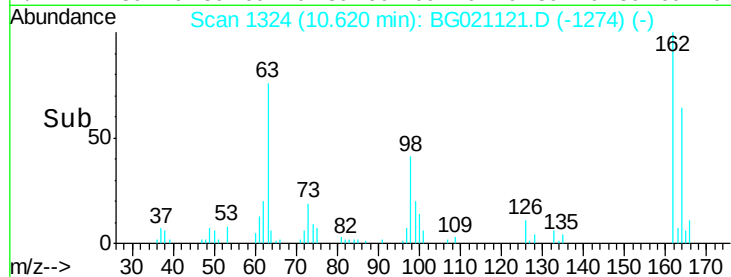
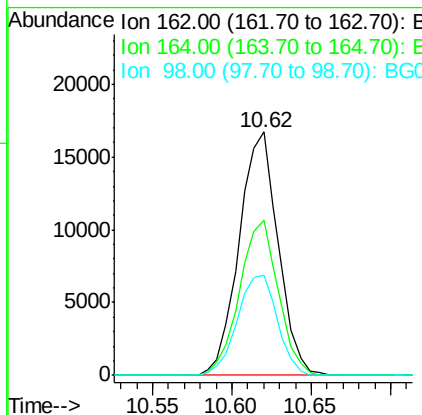
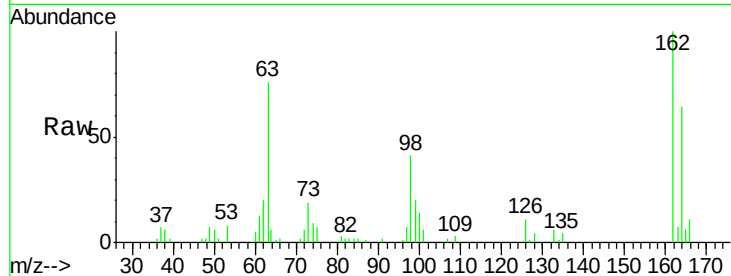




#29
 2,4-Dichlorophenol
 Concen: 56.50 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

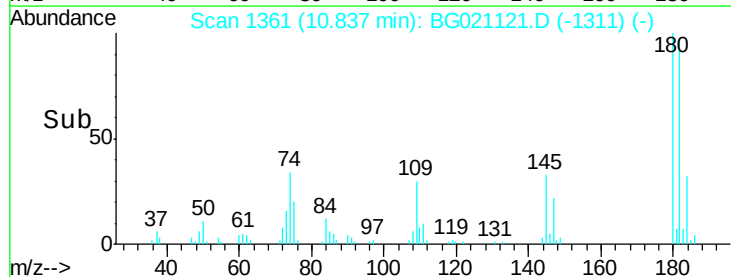
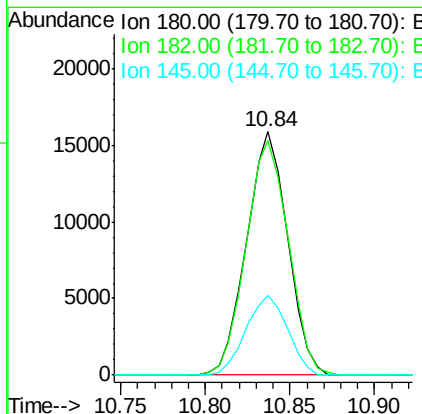
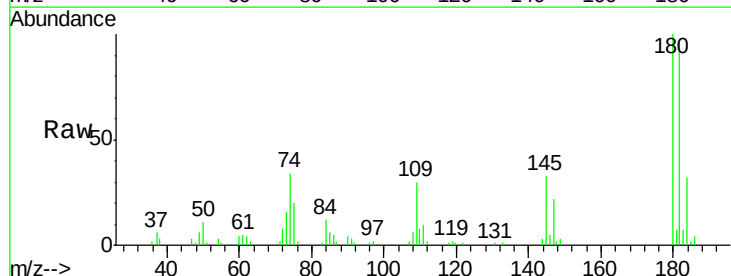
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

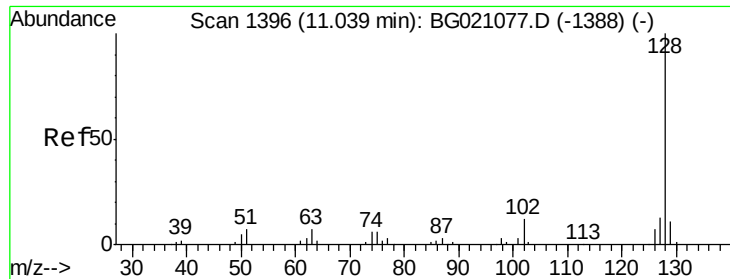
Tgt Ion:162 Resp: 28528
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.7 83.7
 98 41.0 18.3 58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 46.94 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion:180 Resp: 26860
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.4 116.0
 145 32.9 25.7 38.5

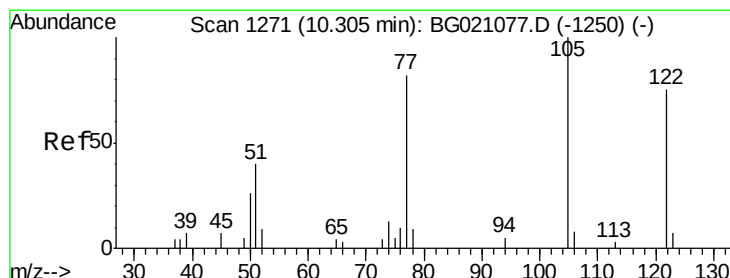
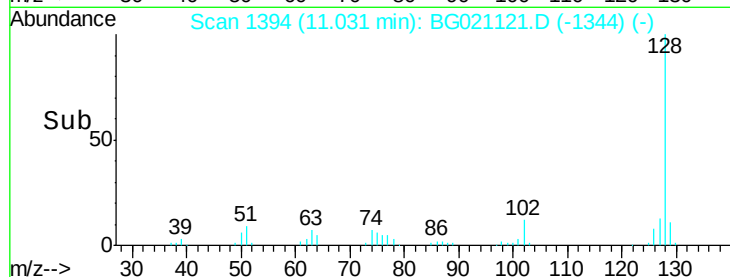
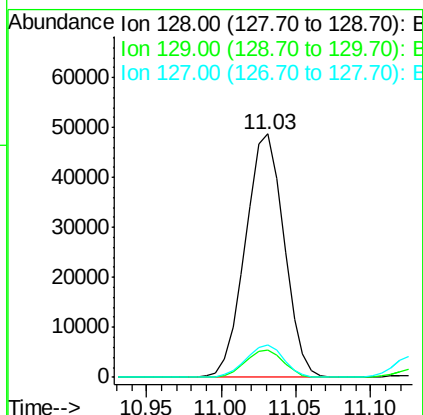
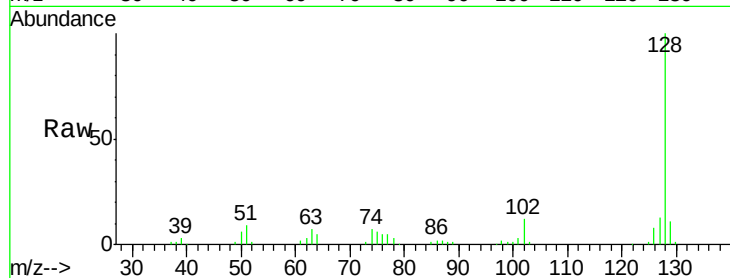




#31
Naphthalene
Concen: 53.36 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

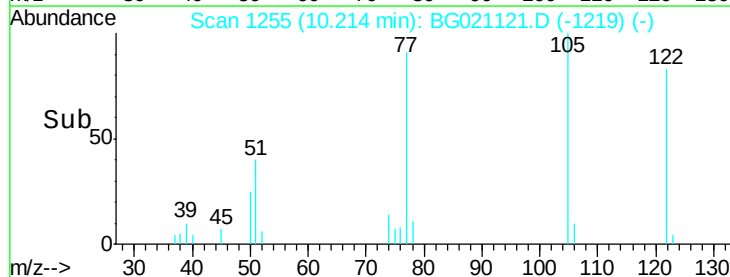
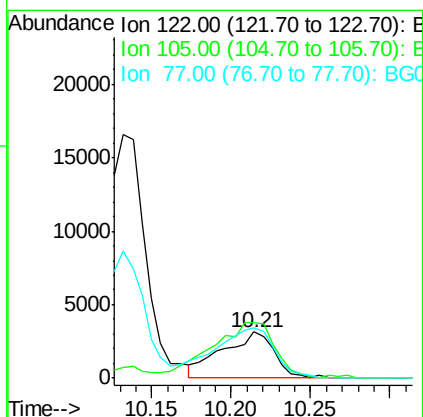
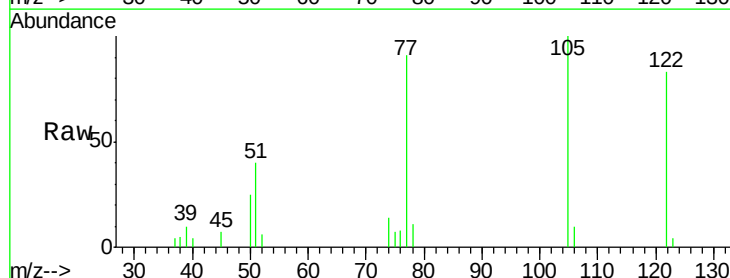
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

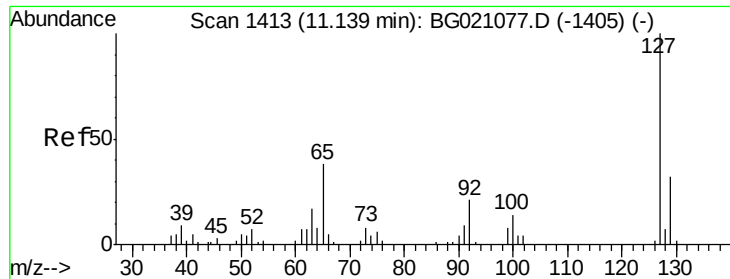
Tgt Ion:128 Resp: 87431
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 15.16 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.09 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:122 Resp: 7178
Ion Ratio Lower Upper
122 100
105 120.5 98.7 138.7
77 110.1 84.5 124.5

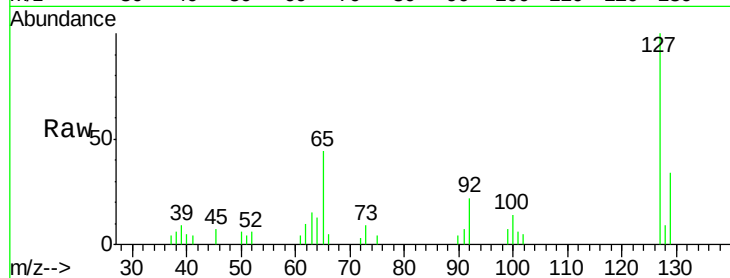




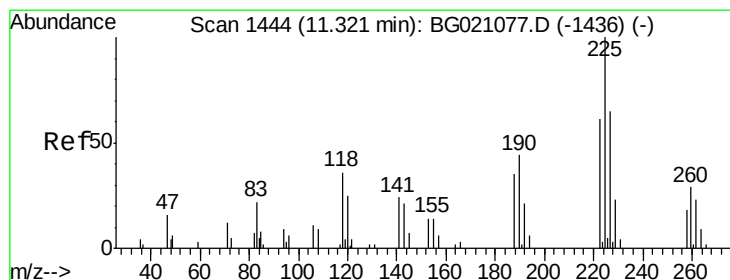
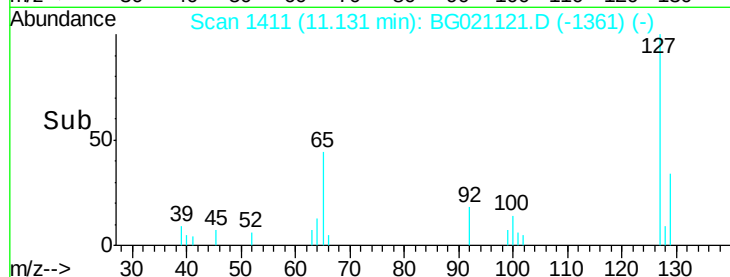
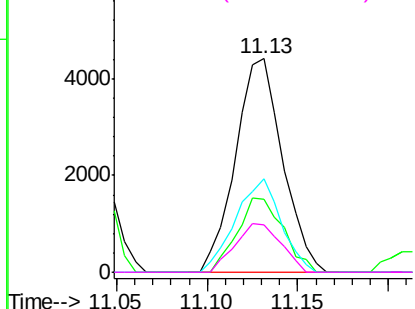
#33
4-Chloroaniline
Concen: 11.63 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

Tgt Ion:	127	Resp:	7960
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.2	39.2
65	43.7	22.9	34.3#
92	22.5	15.0	22.6

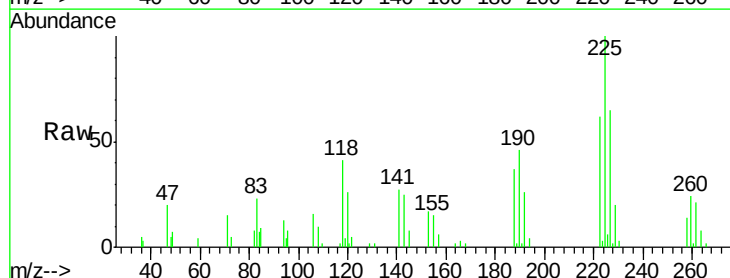


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

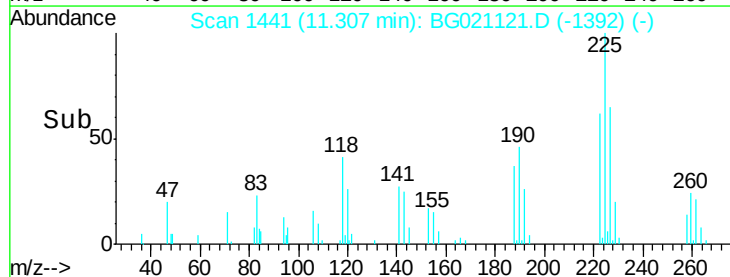
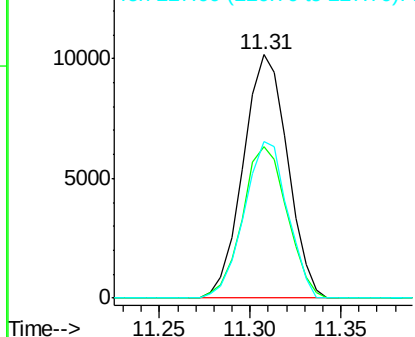


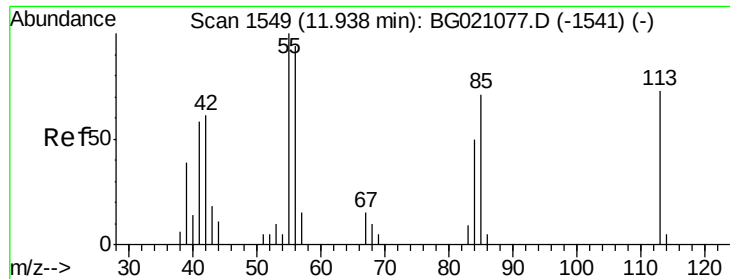
#34
Hexachlorobutadiene
Concen: 45.25 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:	225	Resp:	17327
Ion	Ratio	Lower	Upper
225	100		
223	61.4	54.6	82.0
227	63.1	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: 34.38 ng

RT: 11.97 min Scan# 1553

Delta R.T. 0.03 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

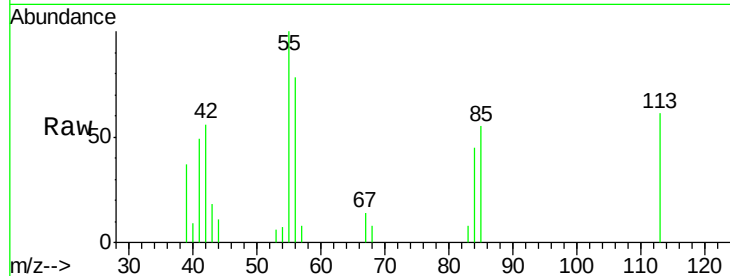
Tgt Ion:113 Resp: 5866

Ion Ratio Lower Upper

113 100

55 164.6 155.2 195.2

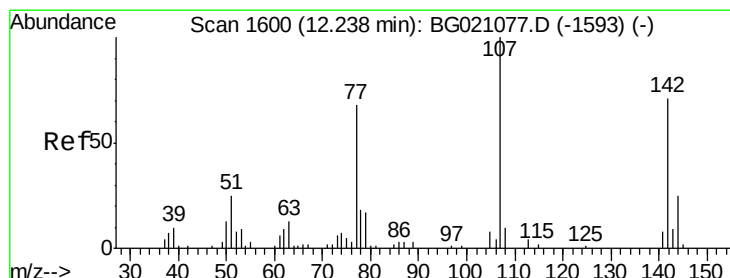
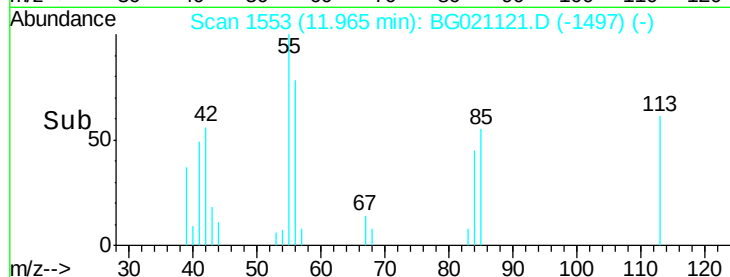
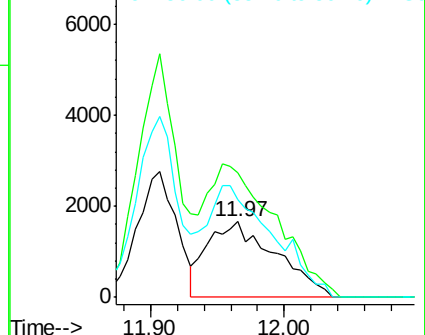
56 128.3 94.0 134.0



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: 62.37 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

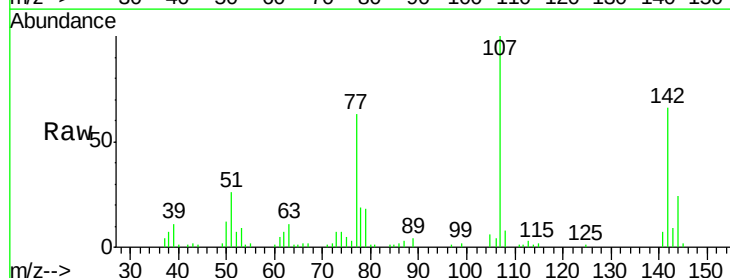
Tgt Ion:107 Resp: 38604

Ion Ratio Lower Upper

107 100

144 23.9 21.8 32.8

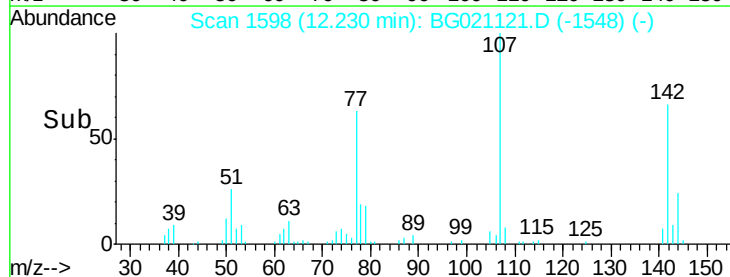
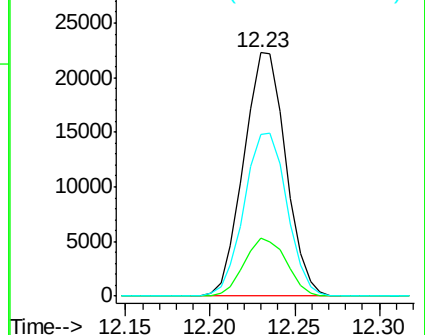
142 66.2 65.6 98.4

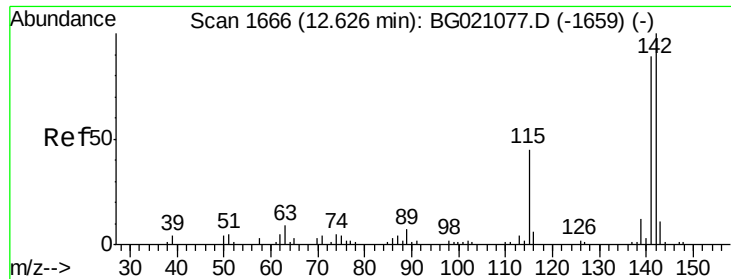


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 56.42 ng

RT: 12.62 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

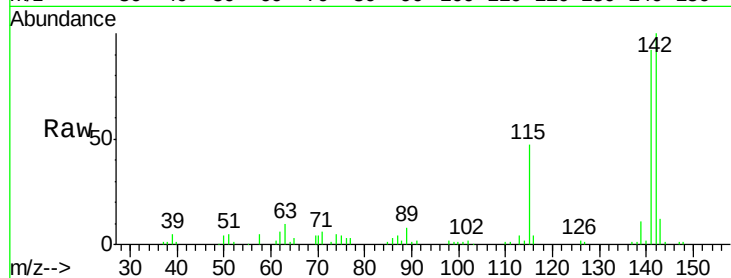
Tgt Ion:142 Resp: 64919

Ion Ratio Lower Upper

142 100

141 92.4 71.7 107.5

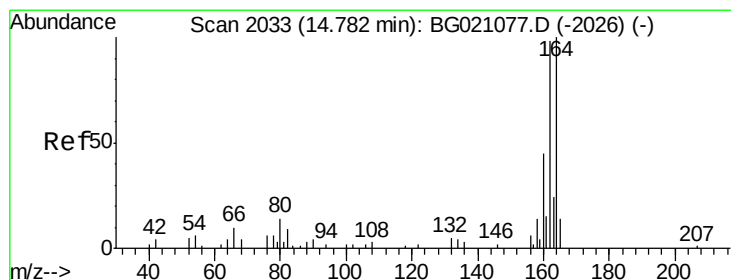
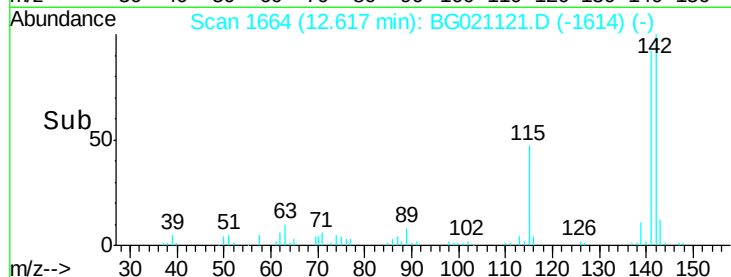
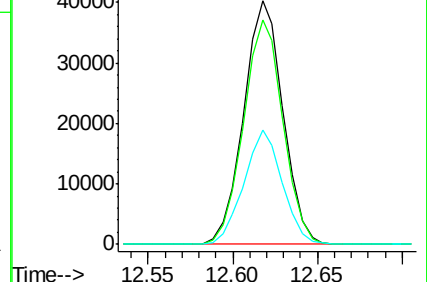
115 47.0 26.2 39.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

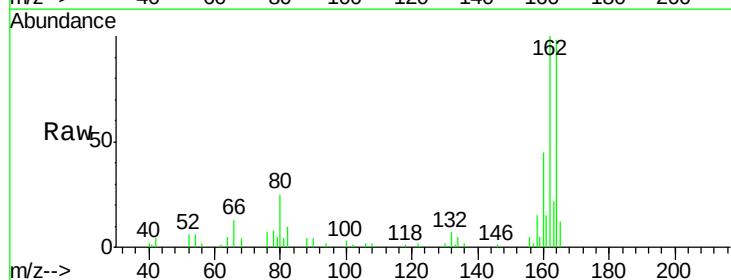
Tgt Ion:164 Resp: 20822

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

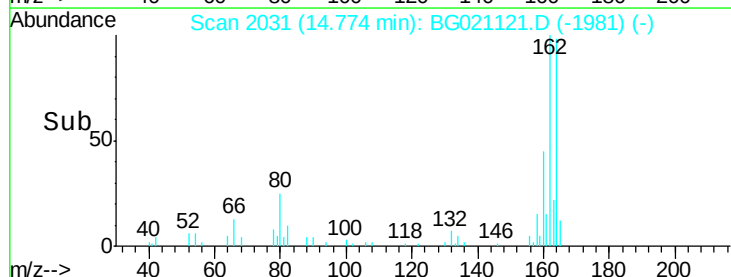
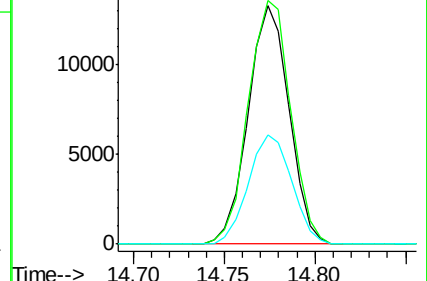
160 45.9 36.5 54.7

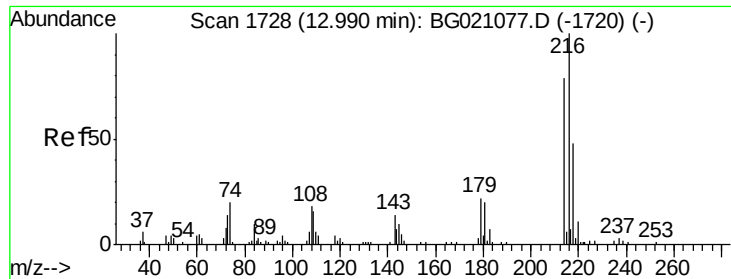


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.15 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

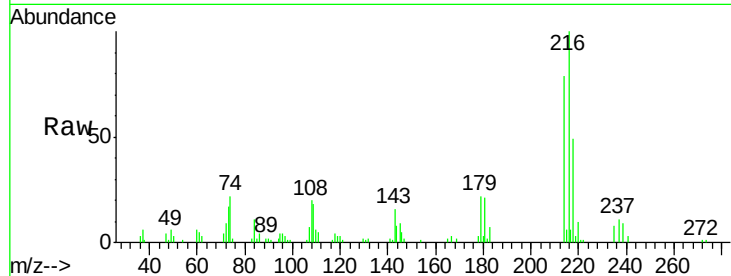
Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

Tgt Ion:	216	Resp:	33975
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.5	95.3
179	21.4	17.4	26.0
108	27.1	16.8	25.2#

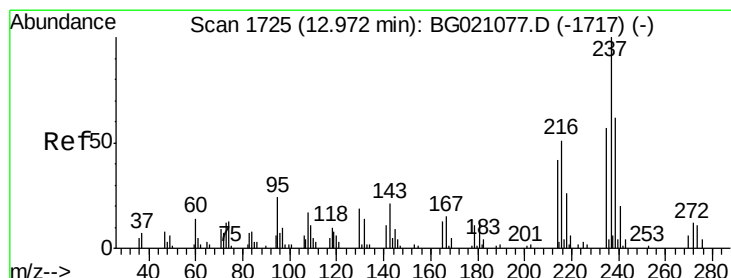
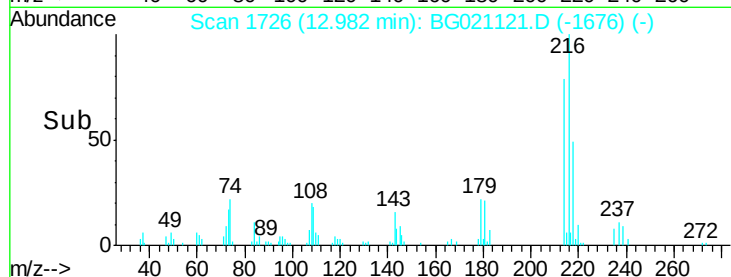
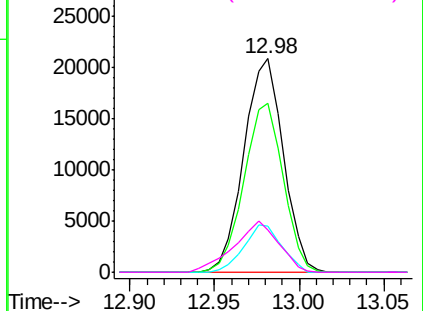


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.75 ng

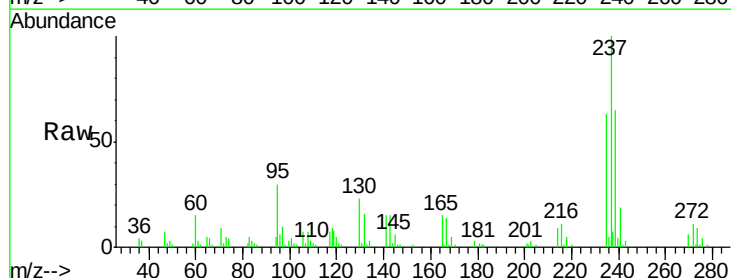
RT: 12.96 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

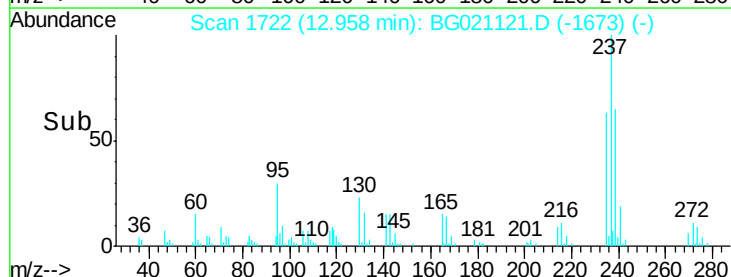
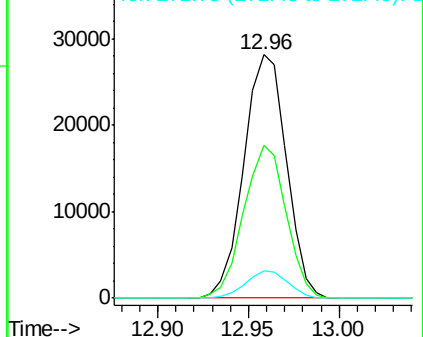
Tgt Ion:	237	Resp:	45916
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.9	82.9
272	11.3	0.0	32.3

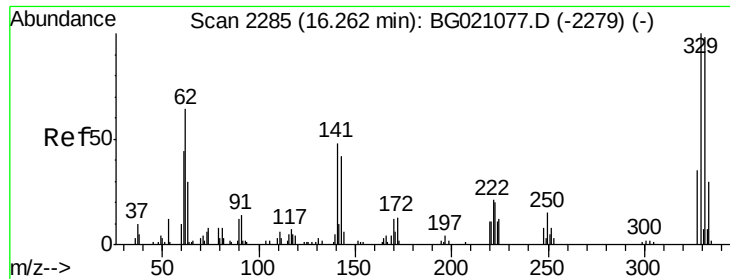


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

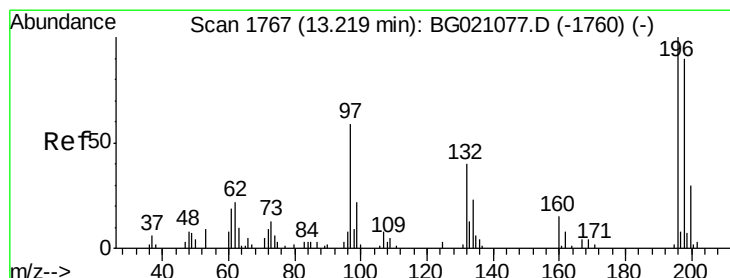
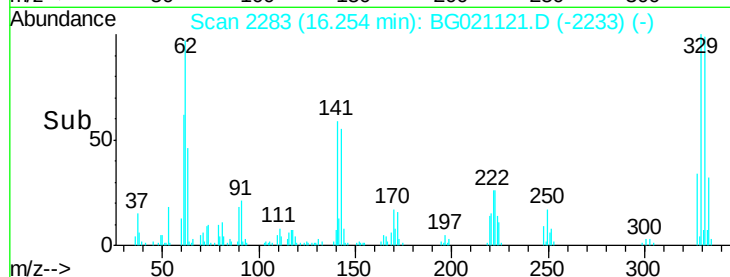
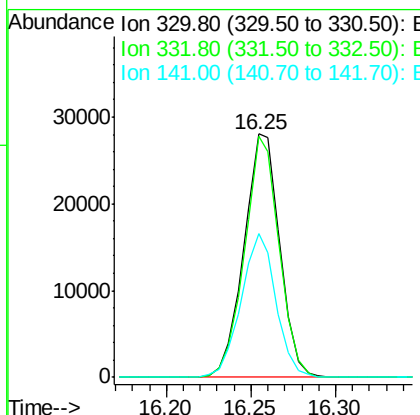
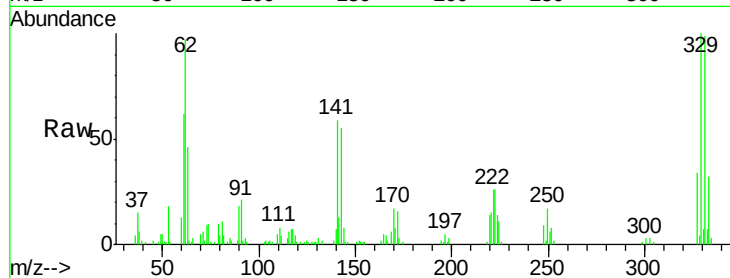




#41
 2,4,6-Tribromophenol
 Concen: 150.82 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

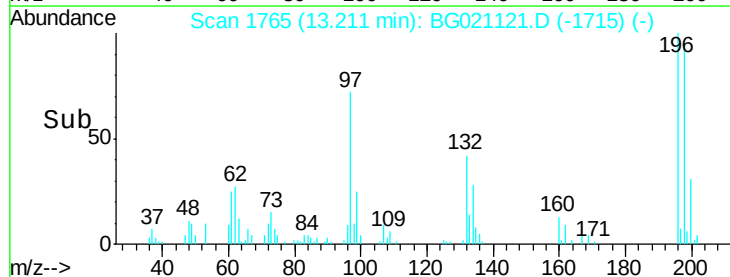
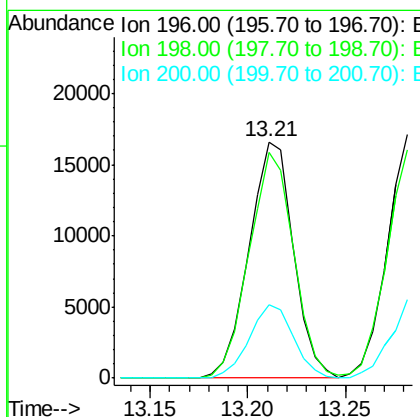
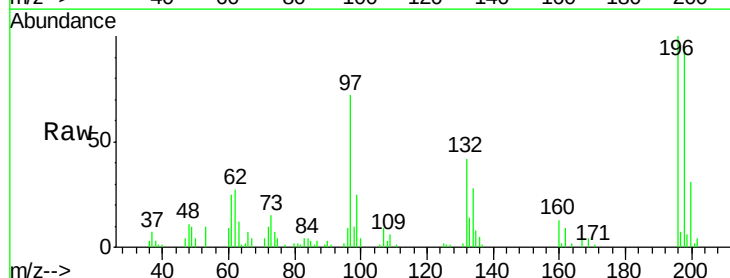
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

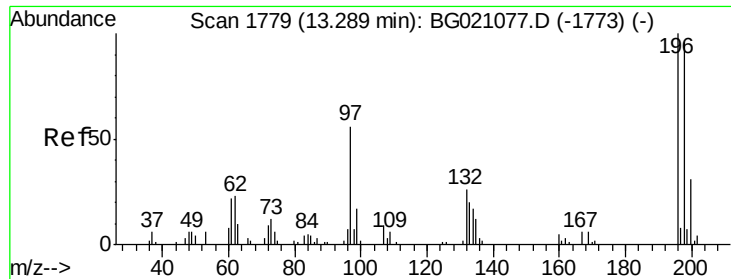
Tgt Ion:330 Resp: 41172
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 57.5 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 54.16 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion:196 Resp: 26134
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.8 113.8
 200 31.0 23.8 35.8

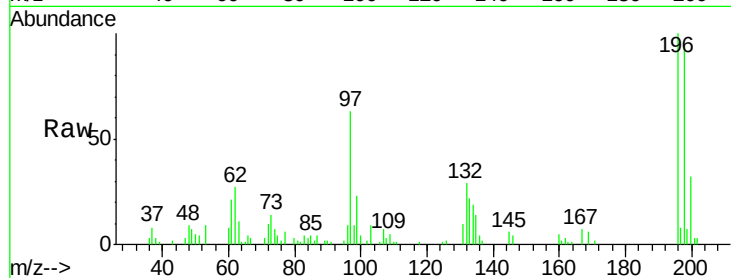




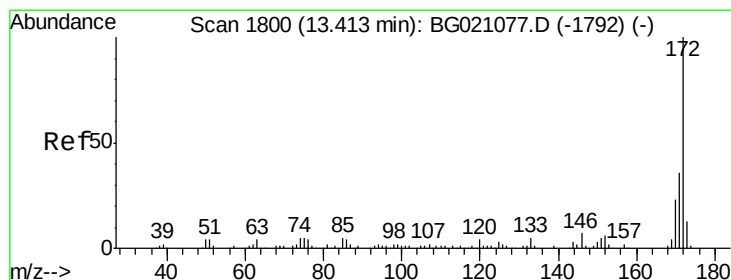
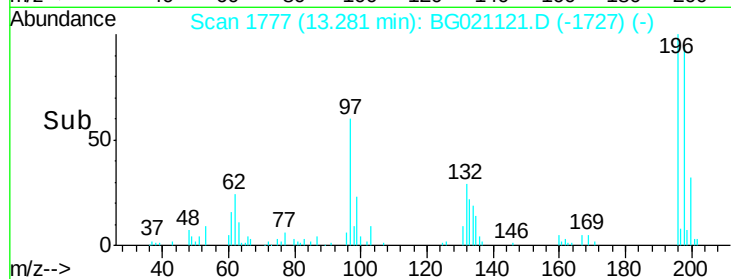
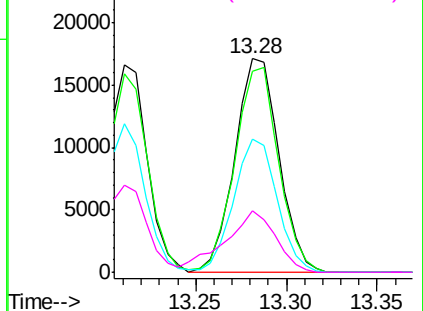
#43
2,4,5-Trichlorophenol
Concen: 58.30 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

Tgt Ion:	196	Resp:	28901
Ion	Ratio	Lower	Upper
196	100		
198	94.0	80.2	120.4
97	62.6	42.9	64.3
132	29.0	25.5	38.3

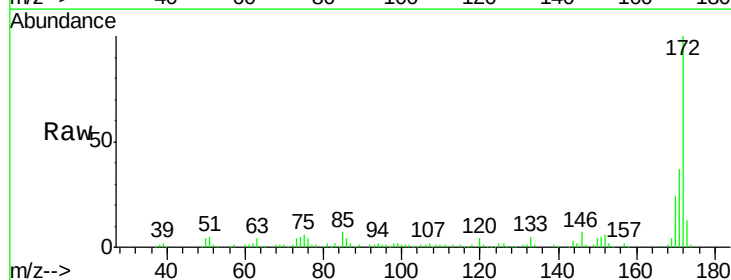


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

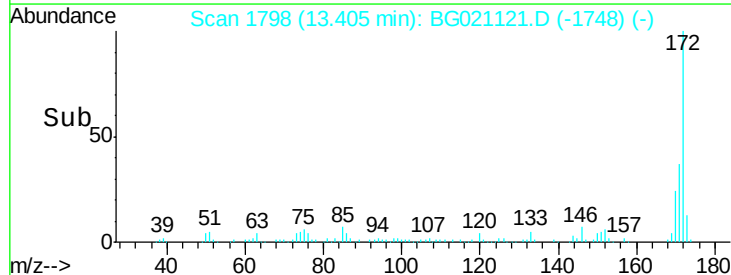
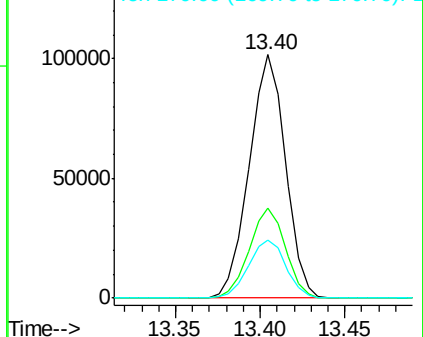


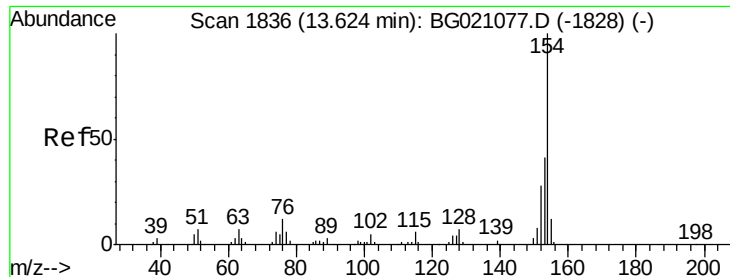
#44
2-Fluorobiphenyl
Concen: 93.06 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:	172	Resp:	151421
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.1	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

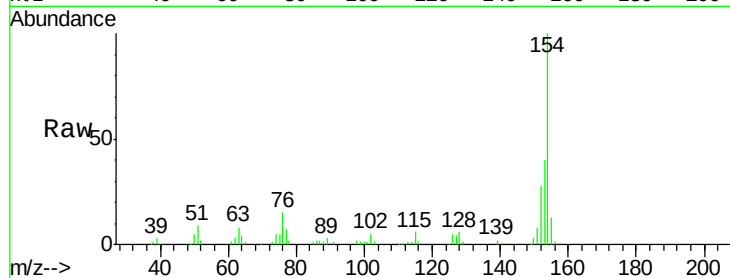




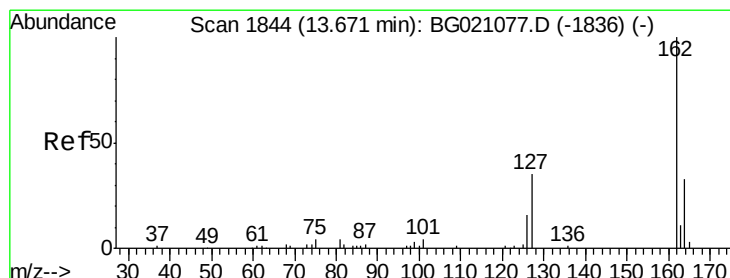
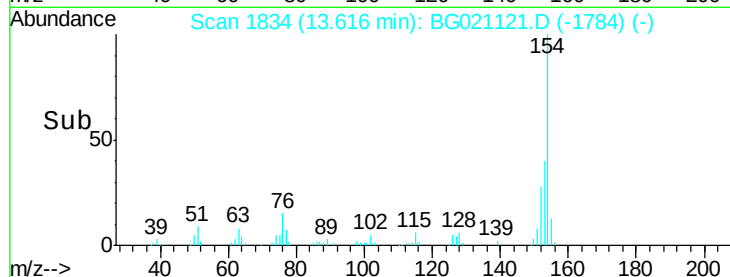
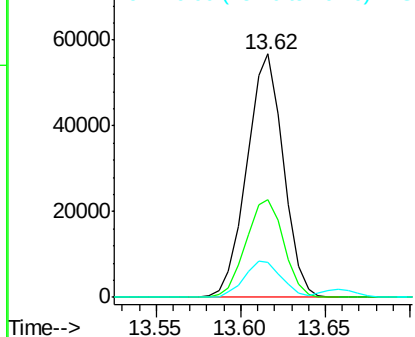
#45
 1,1'-Biphenyl
 Concen: 48.40 ng
 RT: 13.62 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

Tgt Ion:154 Resp: 84863
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.8 59.8
 76 14.6 0.0 33.6

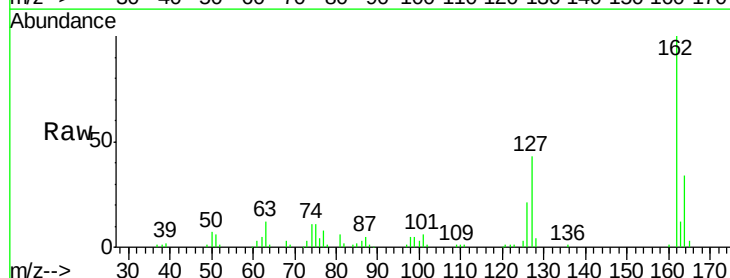


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

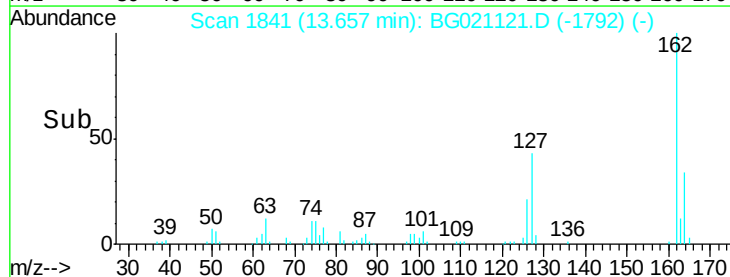
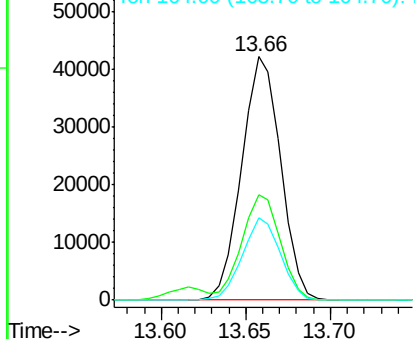


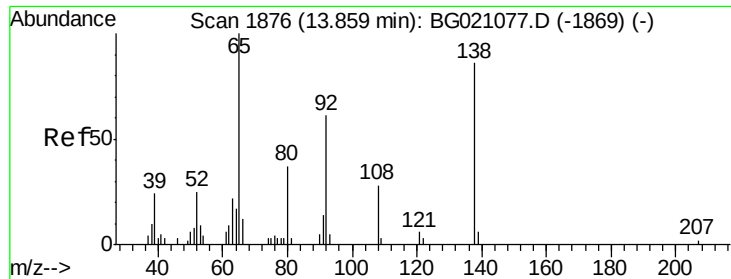
#46
 2-Chloronaphthalene
 Concen: 50.77 ng
 RT: 13.66 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion:162 Resp: 67543
 Ion Ratio Lower Upper
 162 100
 127 43.2 31.8 47.8
 164 34.1 26.3 39.5



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





#47

2-Nitroaniline

Concen: 72.00 ng

RT: 13.86 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

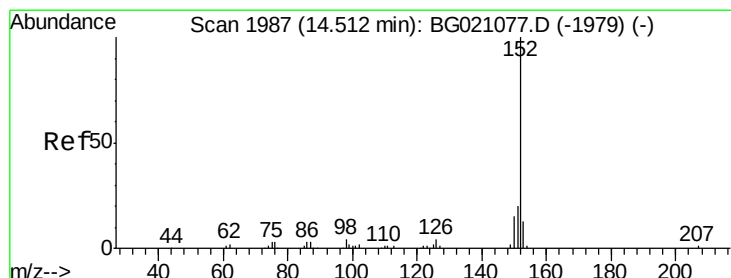
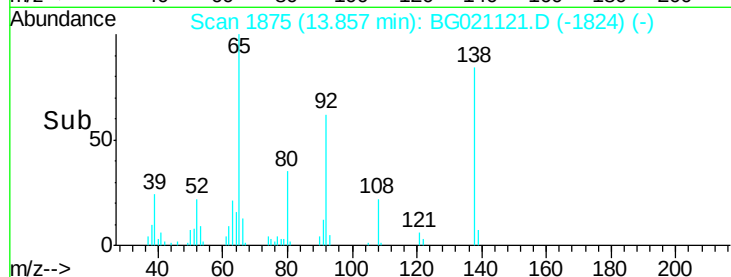
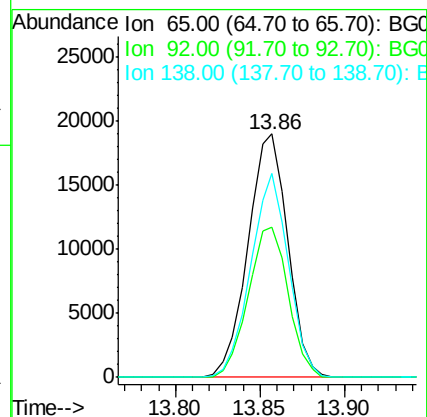
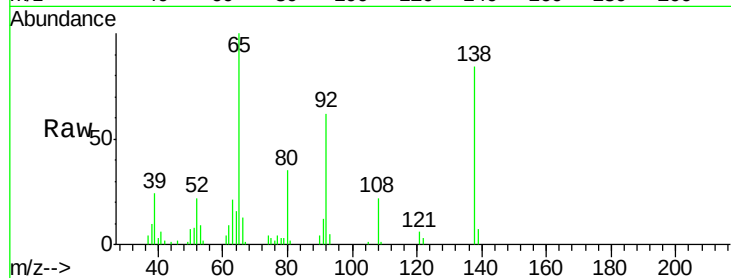
Tgt Ion: 65 Resp: 31036

Ion Ratio Lower Upper

65 100

92 61.8 54.6 82.0

138 83.5 94.9 142.3#



#48

Acenaphthylene

Concen: 53.98 ng

RT: 14.50 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

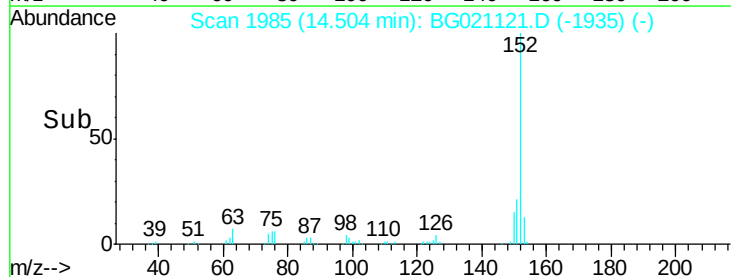
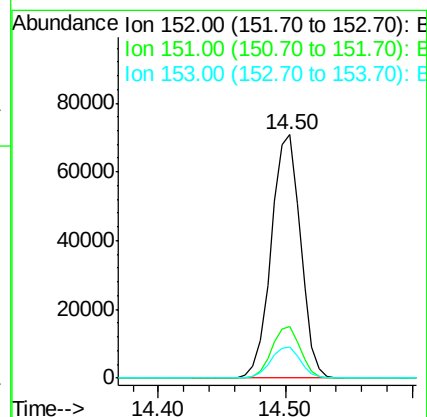
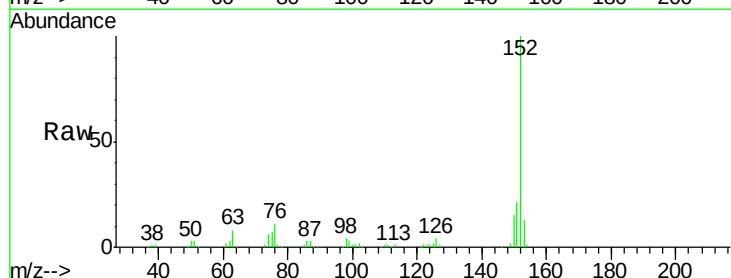
Tgt Ion: 152 Resp: 113627

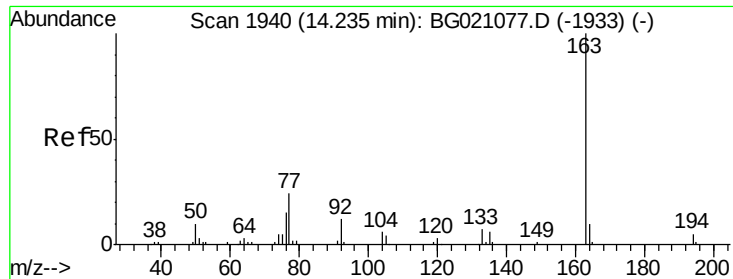
Ion Ratio Lower Upper

152 100

151 21.3 15.9 23.9

153 12.7 10.2 15.2





#49

Dimethylphthalate

Concen: 71.21 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

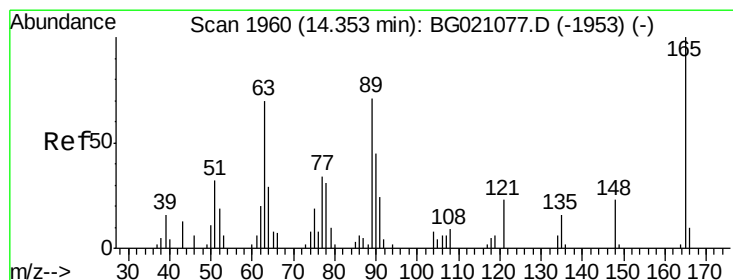
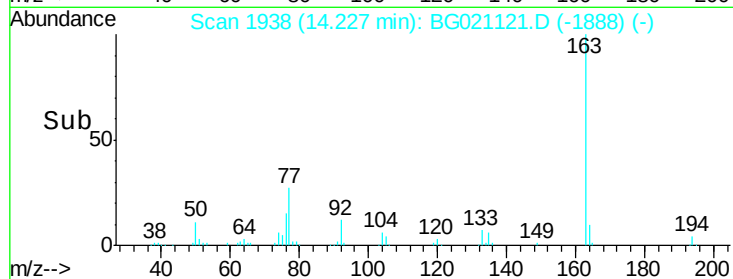
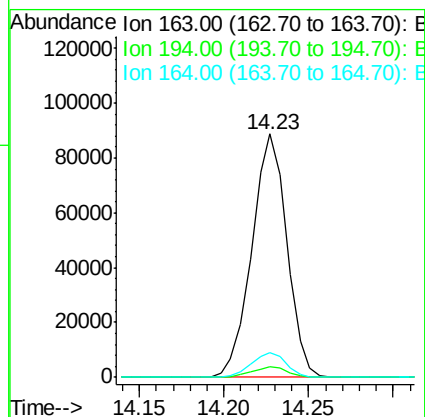
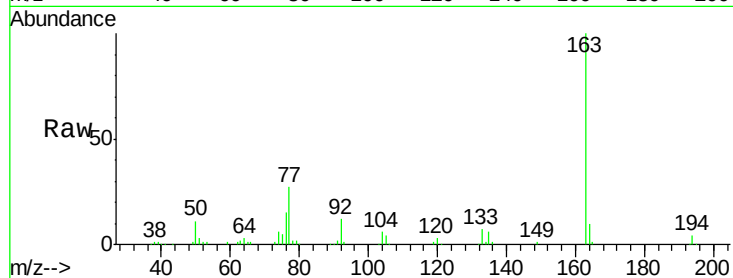
Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

Tgt Ion:	163	Resp:	127785
Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.8	4.2#
164	10.1	7.9	11.9



#50

2,6-Dinitrotoluene

Concen: 56.27 ng

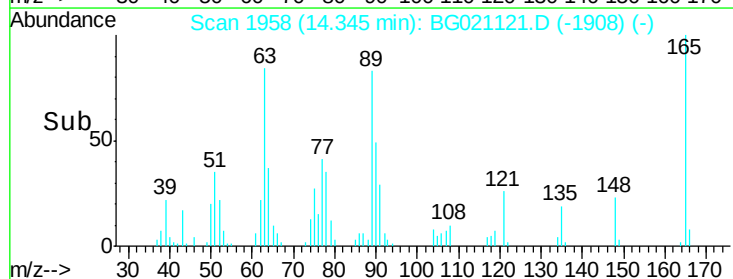
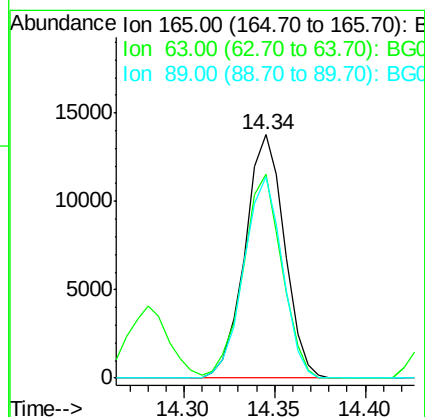
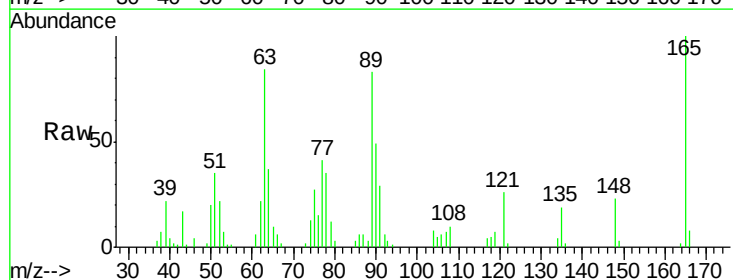
RT: 14.34 min Scan# 1958

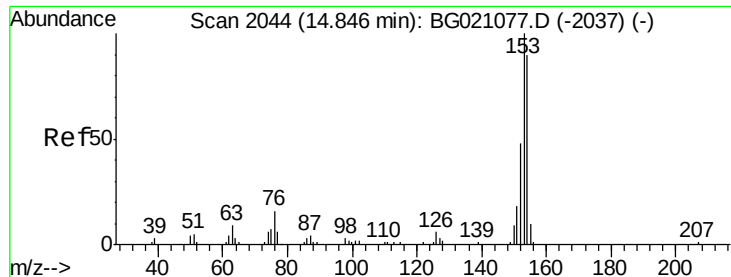
Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Tgt Ion:	165	Resp:	20776
Ion	Ratio	Lower	Upper
165	100		
63	84.0	42.1	63.1#
89	82.9	46.1	69.1#





#51

Acenaphthene

Concen: 58.69 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

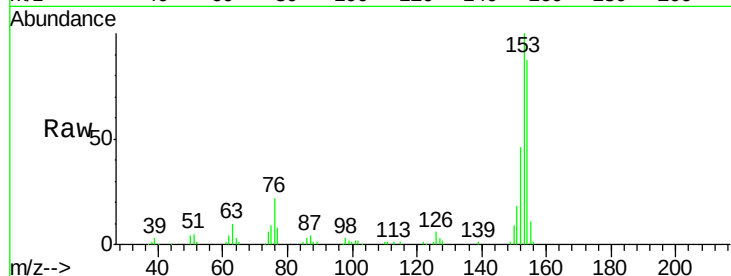
Tgt Ion:154 Resp: 84270

Ion Ratio Lower Upper

154 100

153 115.5 94.2 141.2

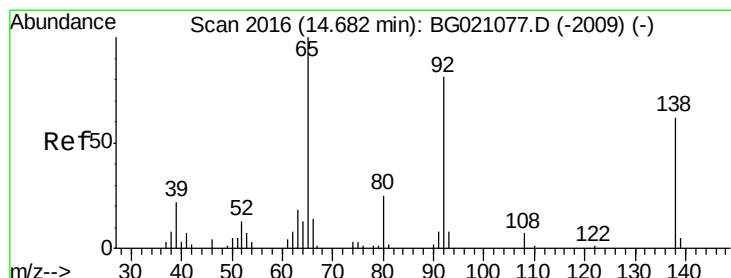
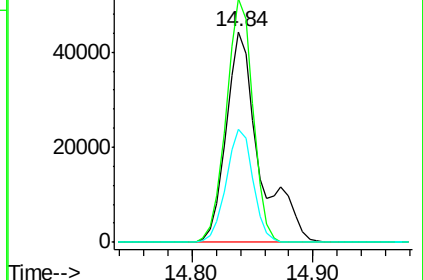
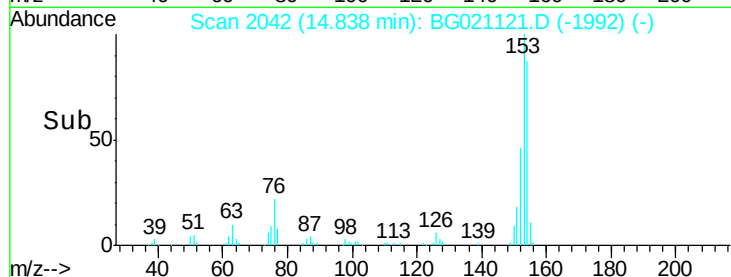
152 53.5 42.9 64.3



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: 29.80 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

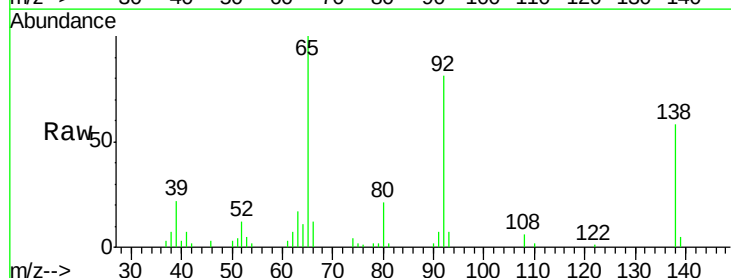
Tgt Ion:138 Resp: 10704

Ion Ratio Lower Upper

138 100

108 10.5 5.8 8.6#

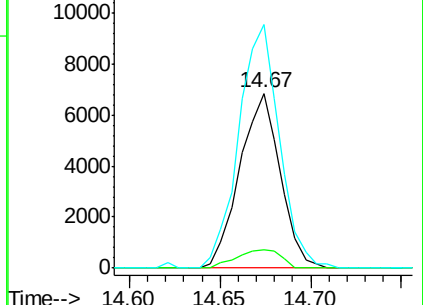
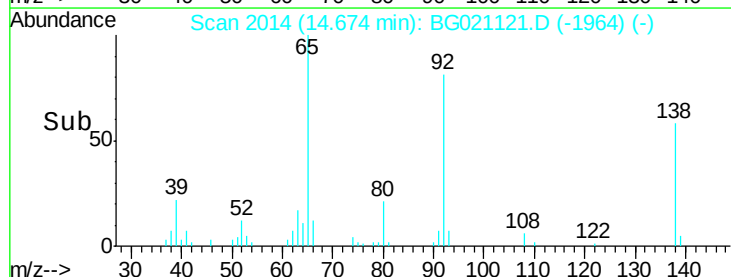
92 139.1 83.6 125.4#

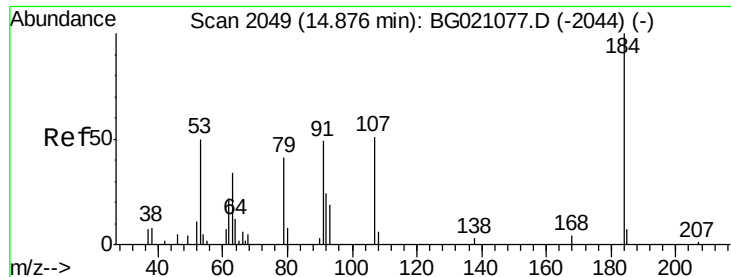


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

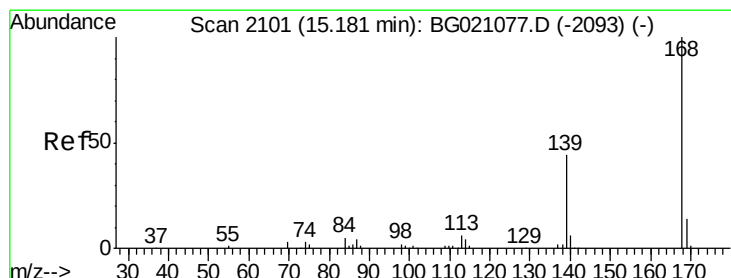
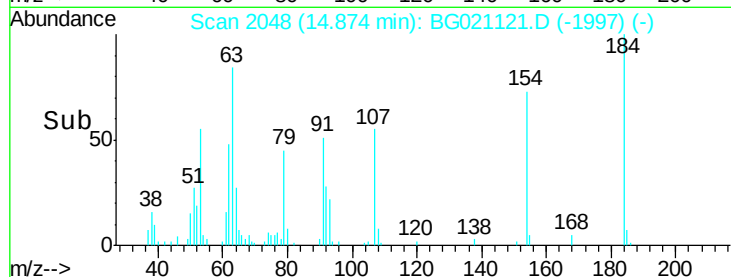
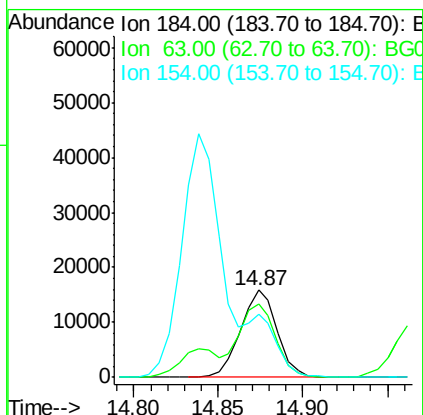
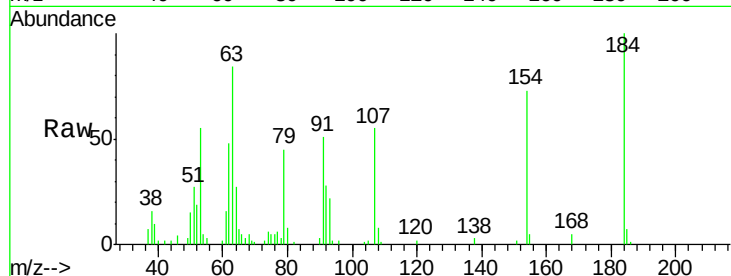




#53
2,4-Dinitrophenol
Concen: 92.52 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

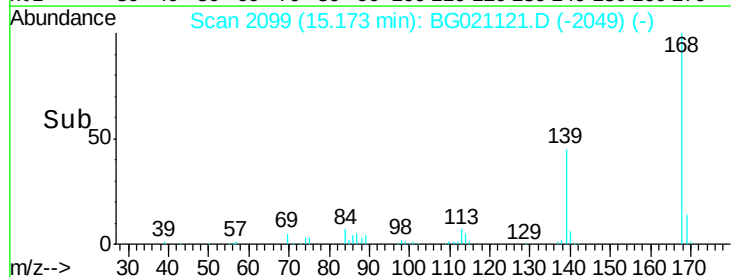
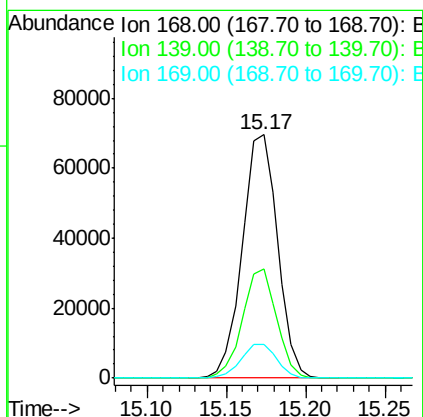
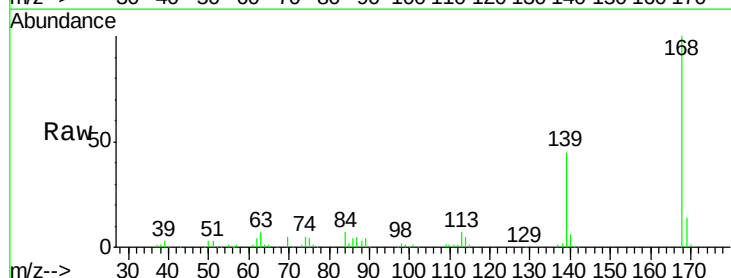
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

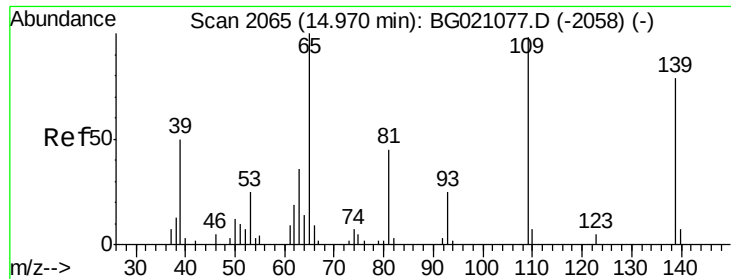
Tgt Ion:184 Resp: 23816
Ion Ratio Lower Upper
184 100
63 83.8 57.0 85.6
154 72.7 51.3 76.9



#54
Dibenzofuran
Concen: 59.24 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:168 Resp: 107752
Ion Ratio Lower Upper
168 100
139 44.8 29.8 44.8#
169 13.7 11.4 17.2





#55

4-Nitrophenol

Concen: 128.15 ng

RT: 14.97 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

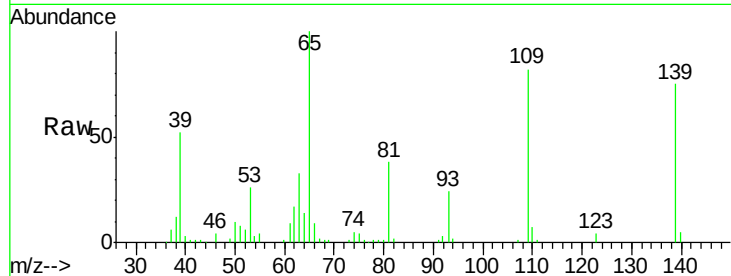
Tgt Ion:139 Resp: 40834

Ion Ratio Lower Upper

139 100

109 109.3 54.1 94.1#

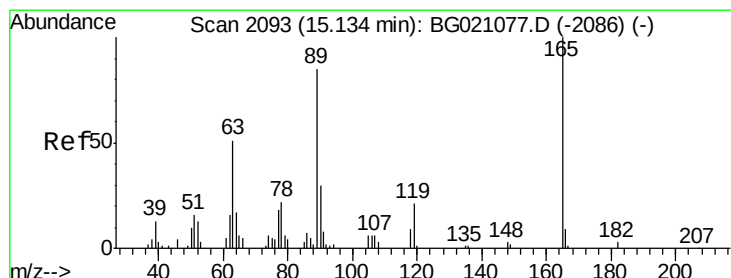
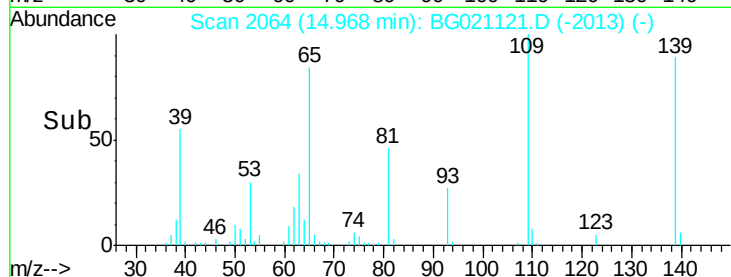
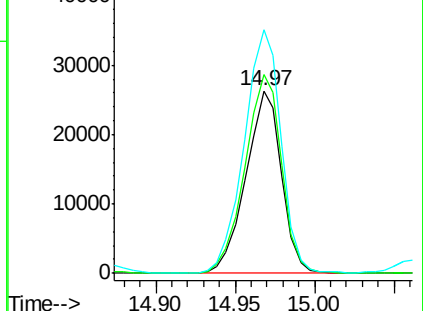
65 133.6 73.4 113.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 59.88 ng

RT: 15.13 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Tgt Ion:165 Resp: 31702

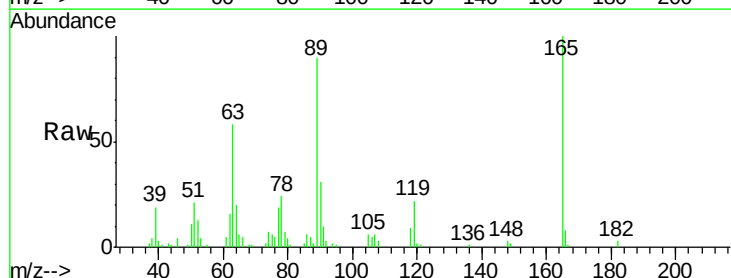
Ion Ratio Lower Upper

165 100

63 58.4 34.1 51.1#

89 89.8 63.0 94.4

182 3.2 1.4 2.2#

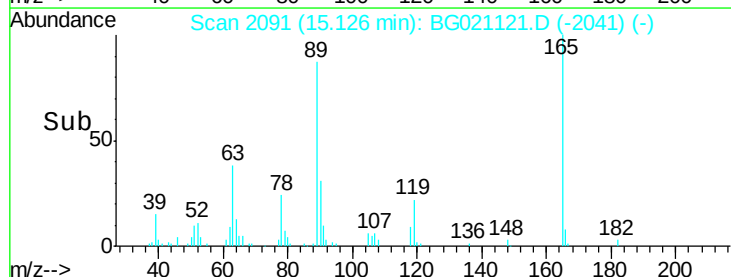
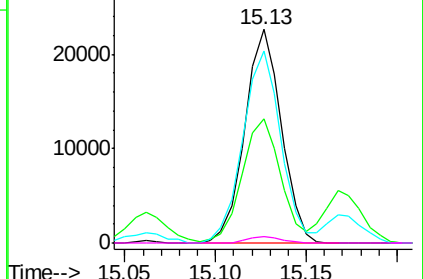


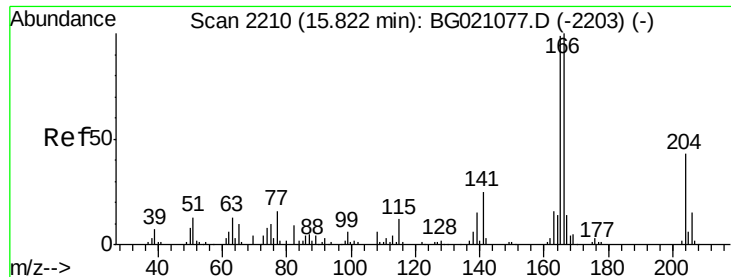
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.58 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

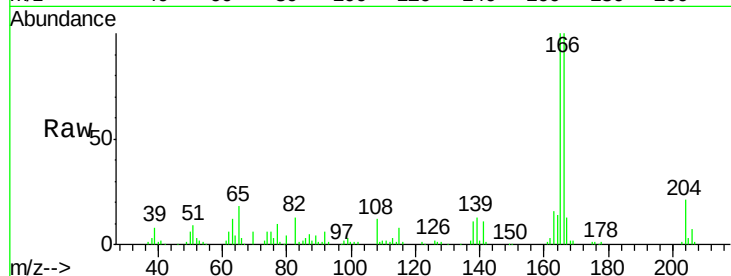
Tgt Ion:166 Resp: 94804

Ion Ratio Lower Upper

166 100

165 100.2 81.3 121.9

167 13.4 10.6 16.0

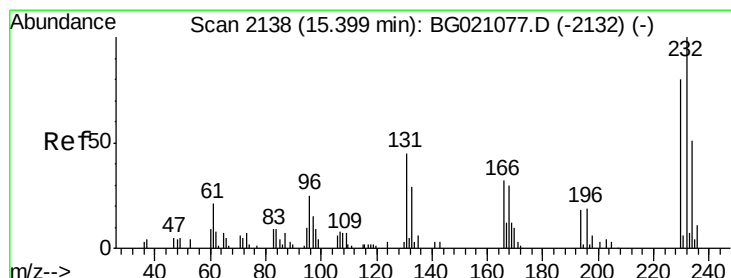
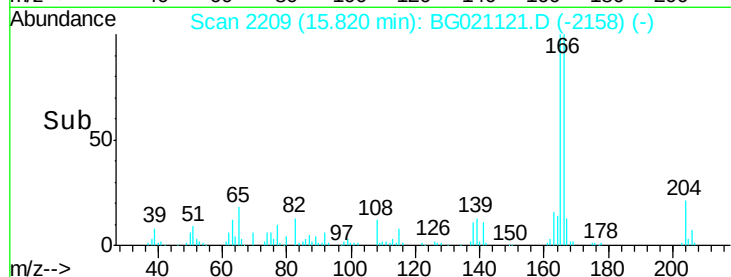
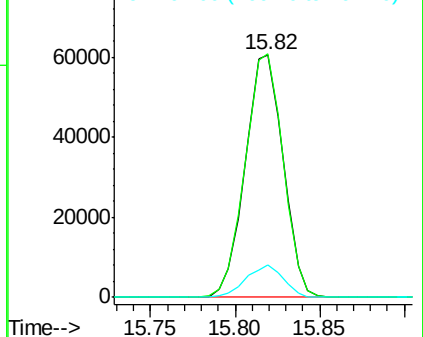


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.72 ng

RT: 15.39 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Tgt Ion:232 Resp: 26166

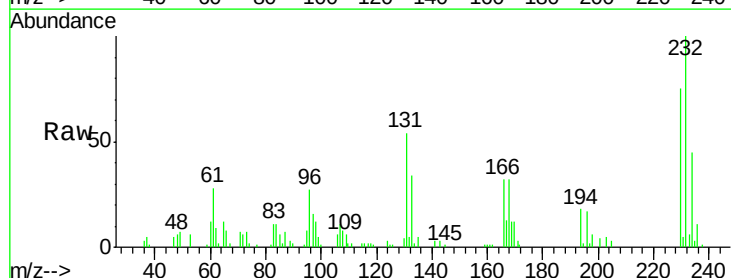
Ion Ratio Lower Upper

232 100

131 55.4 41.4 62.2

130 3.2 1.8 2.8#

166 32.9 26.6 39.8



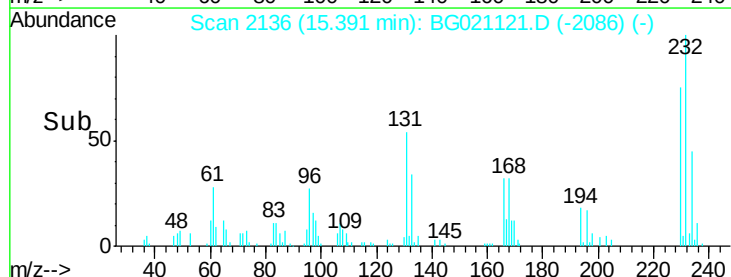
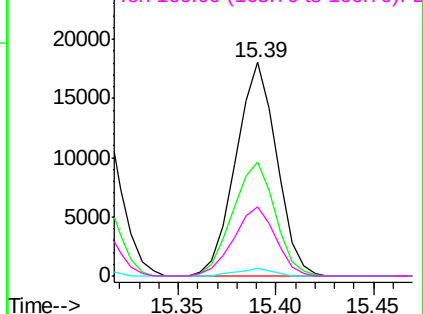
Abundance

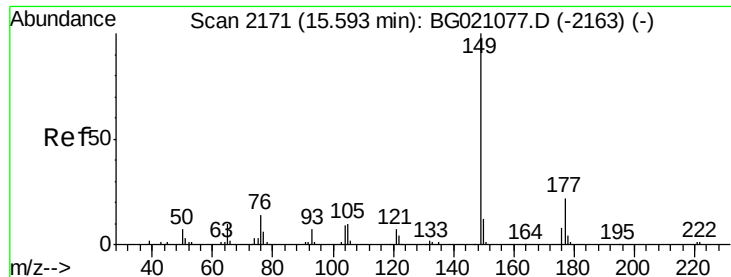
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

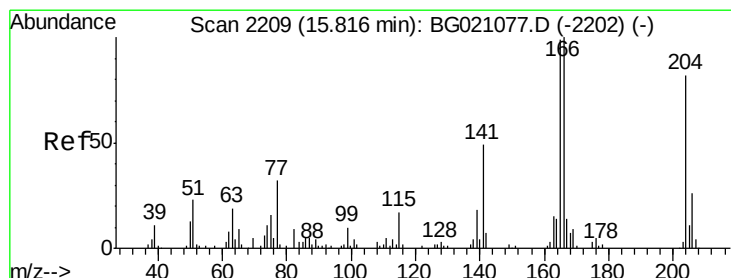
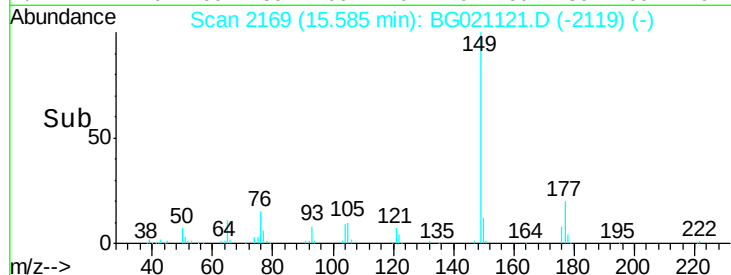
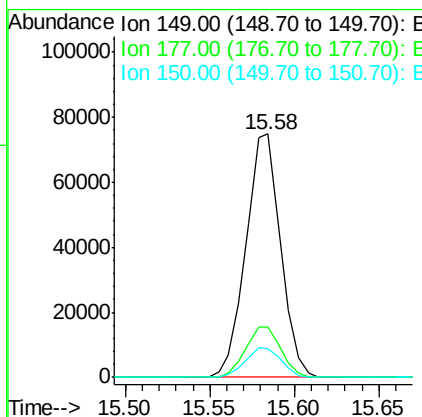
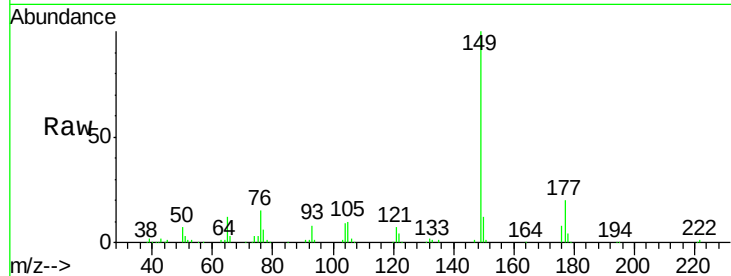




#59
Diethylphthalate
Concen: 56.56 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

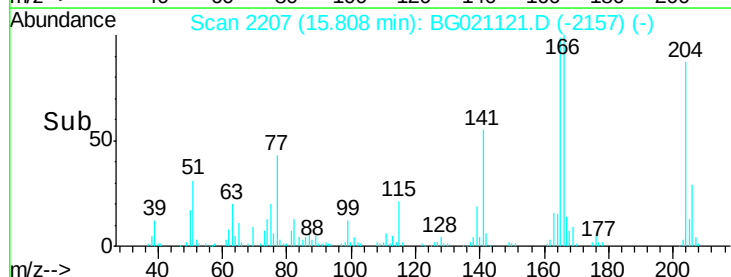
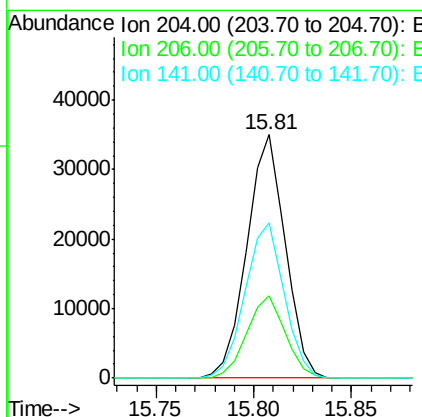
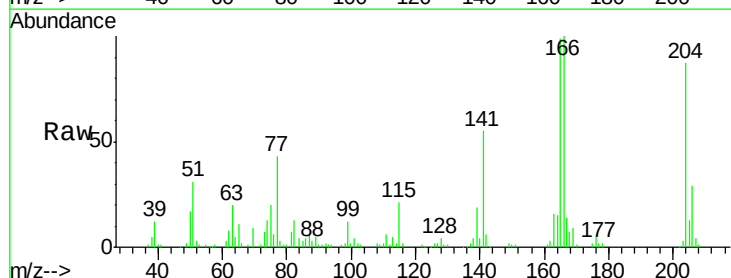
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

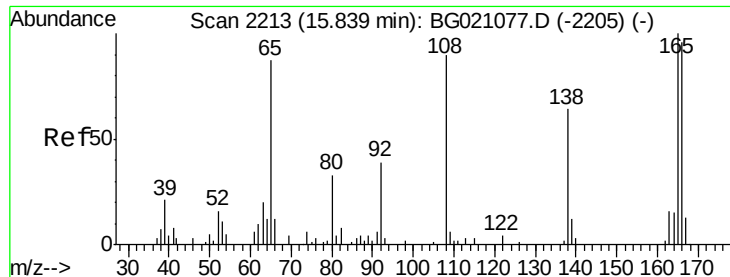
Tgt Ion:149 Resp: 106971
Ion Ratio Lower Upper
149 100
177 20.5 15.8 23.8
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.95 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:204 Resp: 47646
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 63.7 50.8 76.2

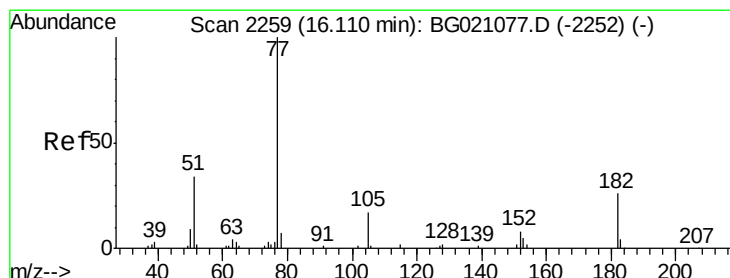
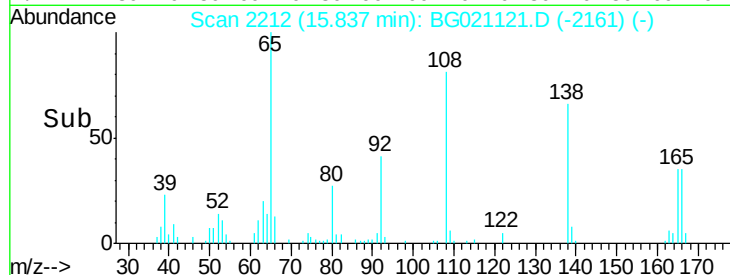
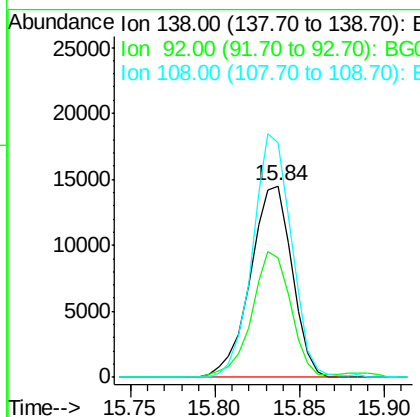
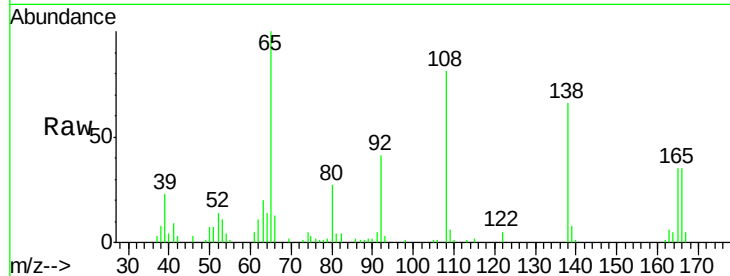




#61
4-Nitroaniline
Concen: 60.74 ng
RT: 15.84 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

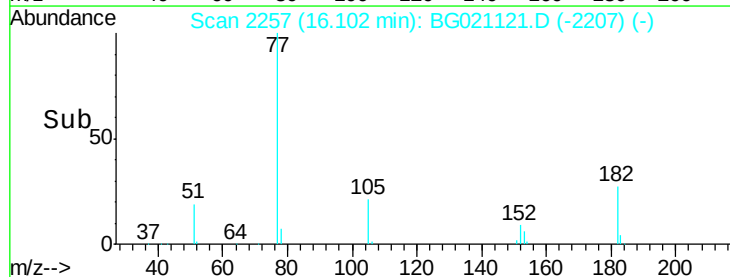
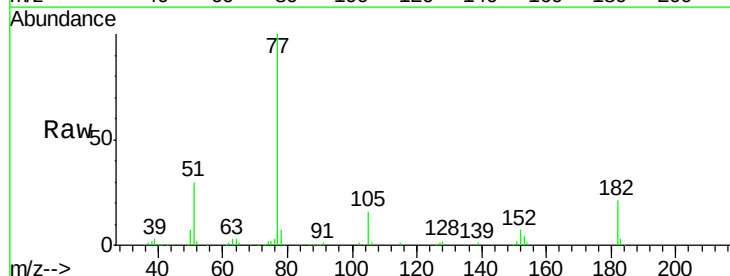
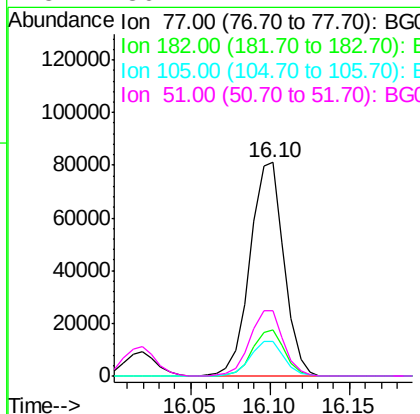
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

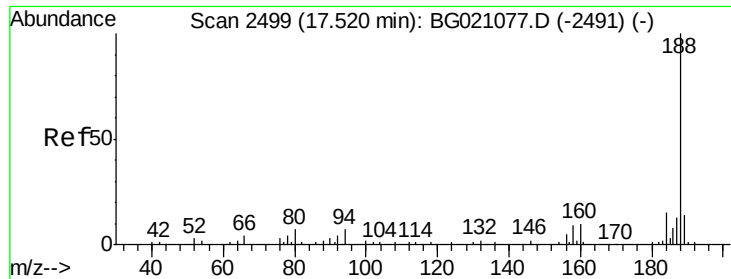
Tgt Ion: 138 Resp: 24845
Ion Ratio Lower Upper
138 100
92 62.5 28.0 68.0
108 122.5 52.6 92.6#



#62
Azobenzene
Concen: 73.41 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion: 77 Resp: 120289
Ion Ratio Lower Upper
77 100
182 21.4 0.7 40.7
105 16.3 0.0 38.3
51 30.4 4.4 44.4

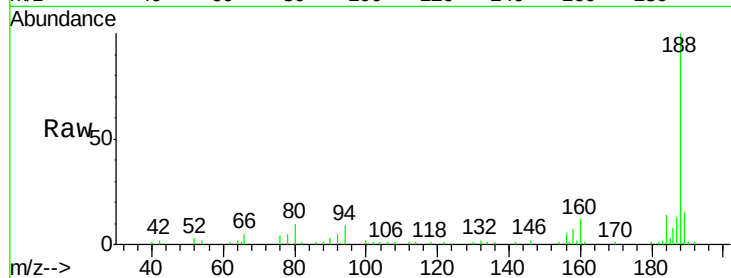




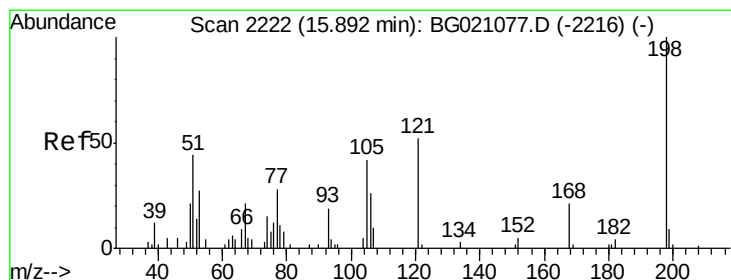
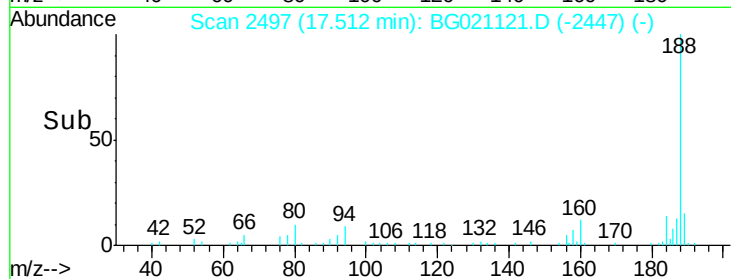
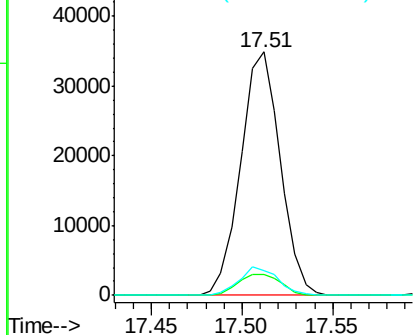
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

Tgt Ion:188 Resp: 53044
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 10.1 9.2 13.8

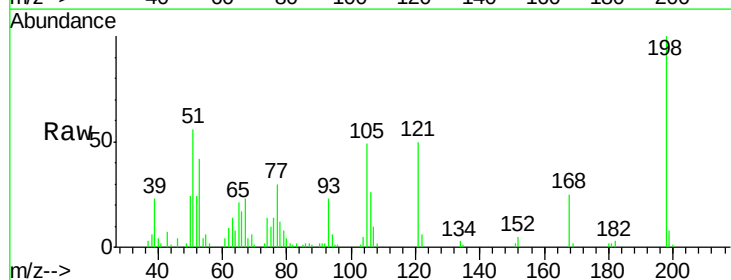


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

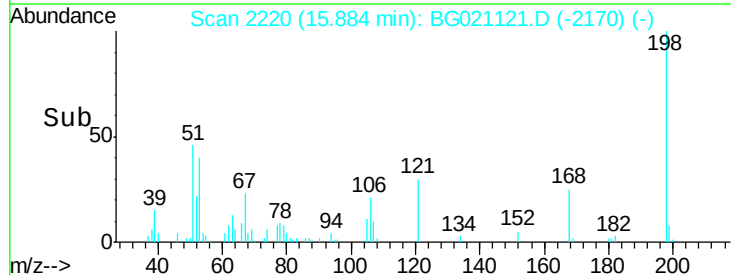
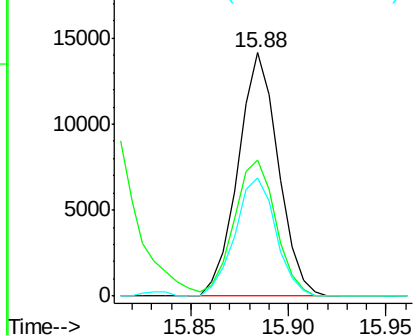


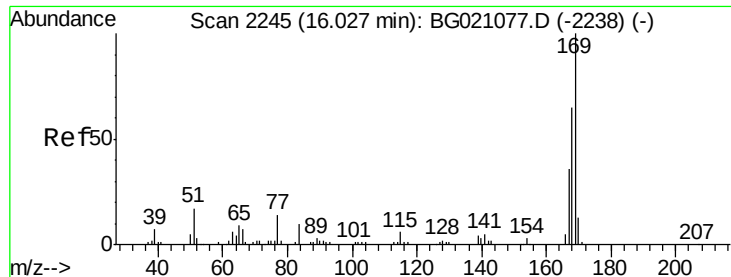
#64
4,6-Dinitro-2-methylphenol
Concen: 51.93 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:198 Resp: 20205
Ion Ratio Lower Upper
198 100
51 55.9 30.4 70.4
105 48.8 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: 54.99 ng

RT: 16.02 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

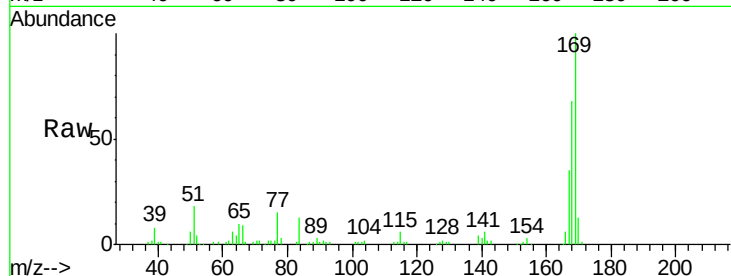
Tgt Ion:169 Resp: 86054

Ion Ratio Lower Upper

169 100

168 67.5 58.2 87.2

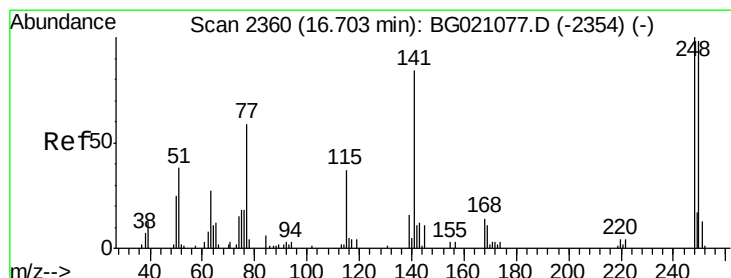
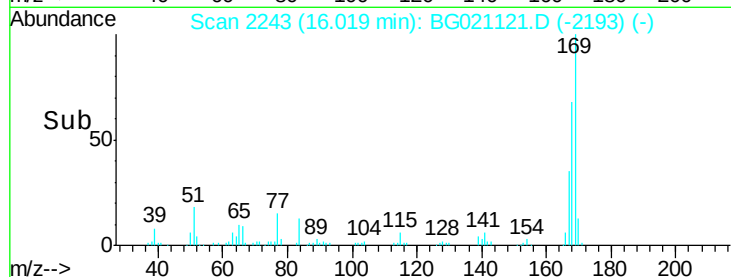
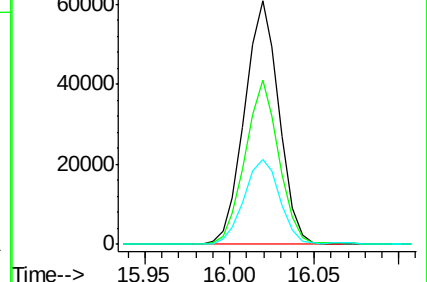
167 34.9 31.0 46.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.62 ng

RT: 16.70 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

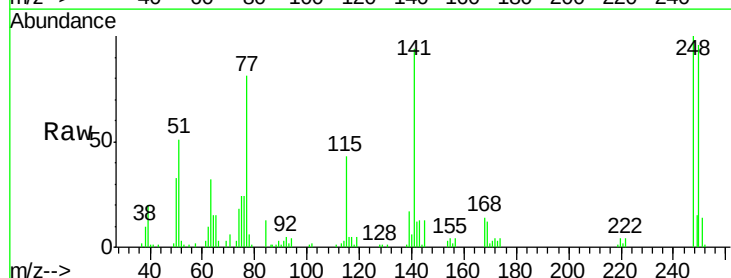
Tgt Ion:248 Resp: 29742

Ion Ratio Lower Upper

248 100

250 96.2 76.4 114.6

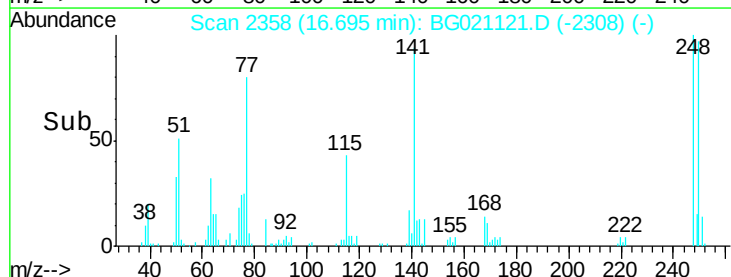
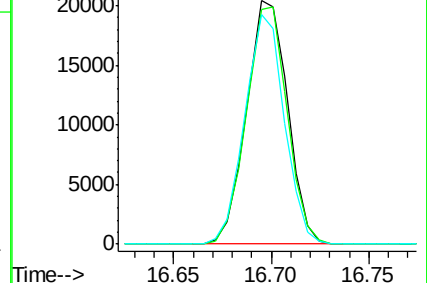
141 94.2 57.4 86.0#

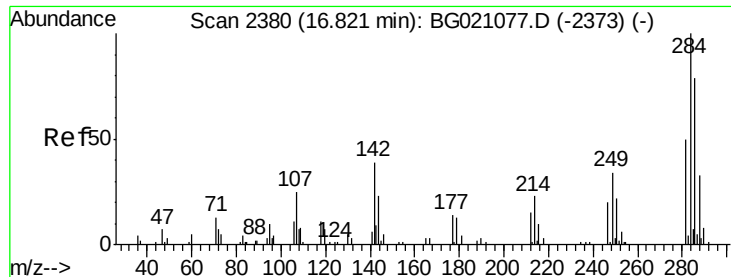


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.06 ng

RT: 16.81 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

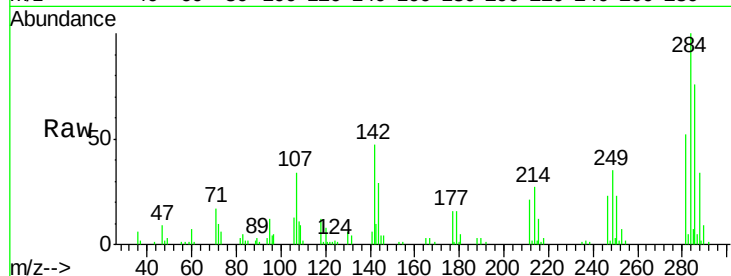
Tgt Ion:284 Resp: 30349

Ion Ratio Lower Upper

284 100

142 47.1 32.1 48.1

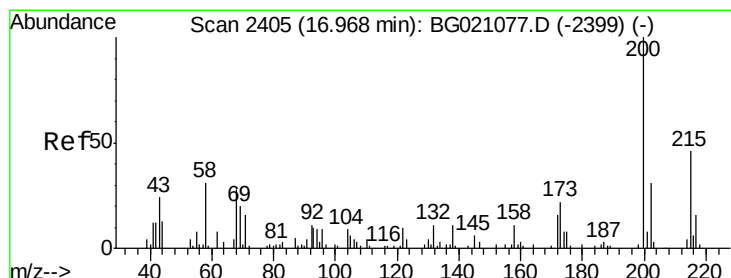
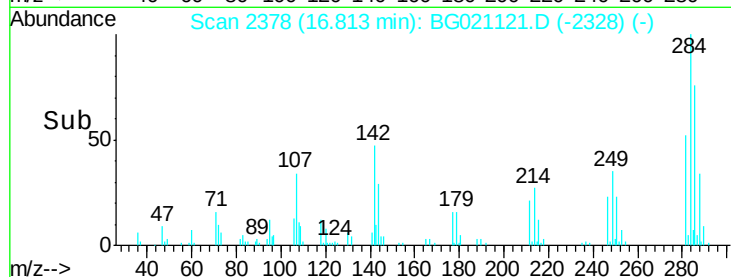
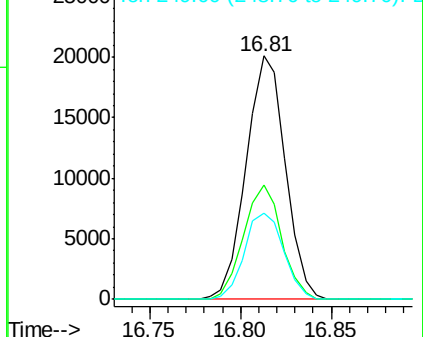
249 38.4 24.0 36.0#



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: 60.25 ng

RT: 16.96 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

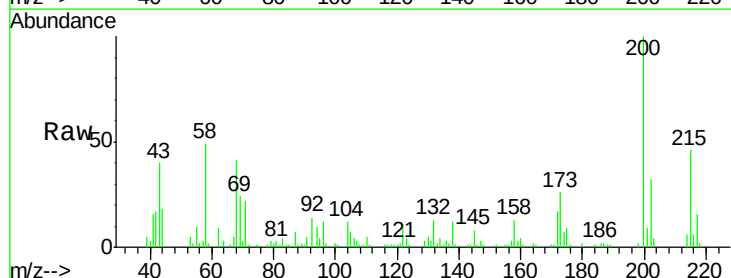
Tgt Ion:200 Resp: 34940

Ion Ratio Lower Upper

200 100

173 26.4 3.9 43.9

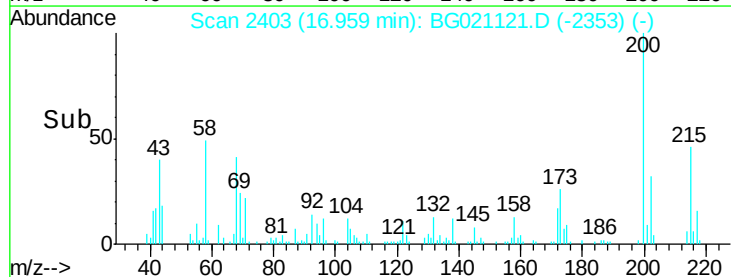
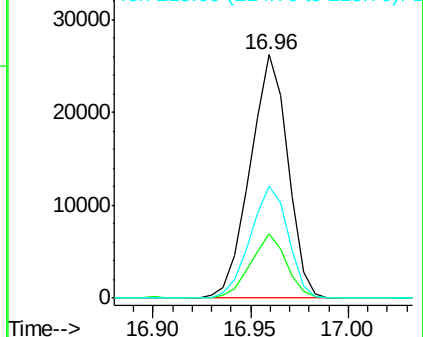
215 46.1 29.0 69.0

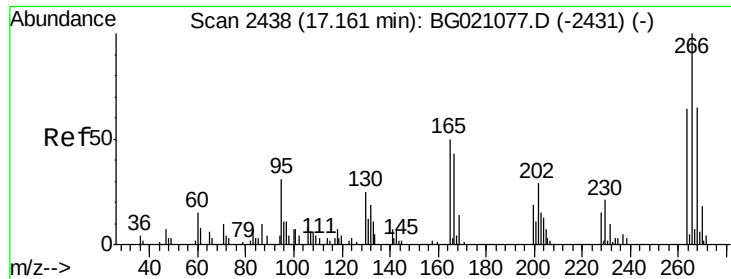


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 97.97 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

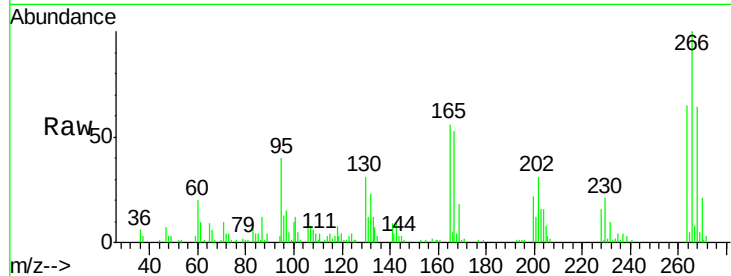
Tgt Ion:266 Resp: 43573

Ion Ratio Lower Upper

266 100

268 69.5 51.0 76.6

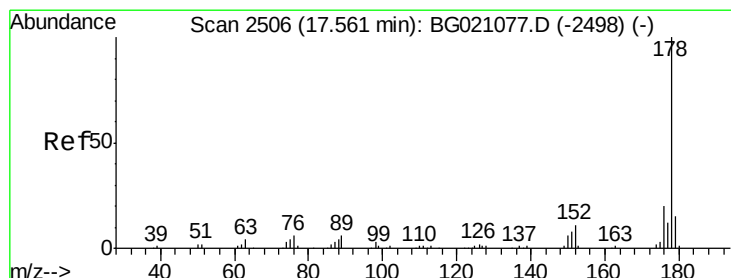
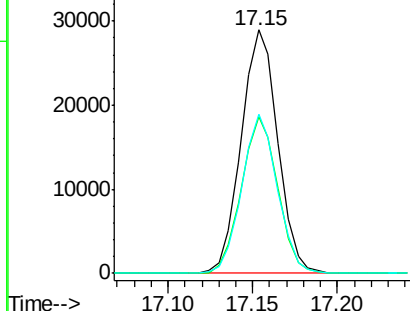
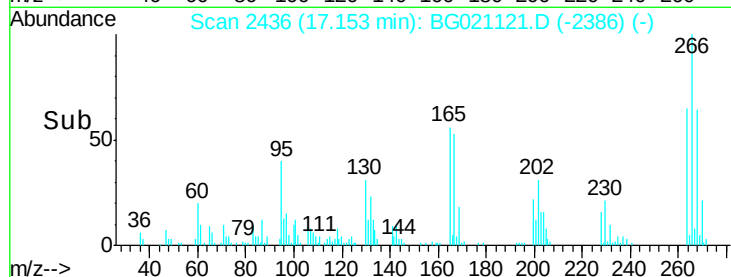
264 70.5 47.8 71.8



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: 55.10 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

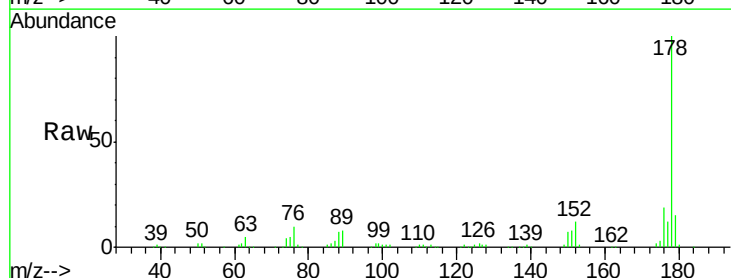
Tgt Ion:178 Resp: 157249

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

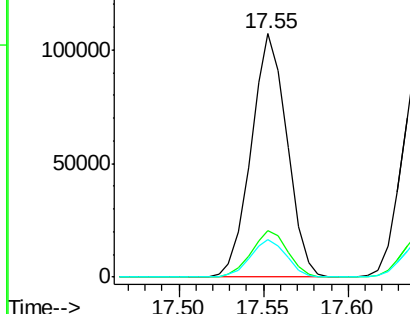
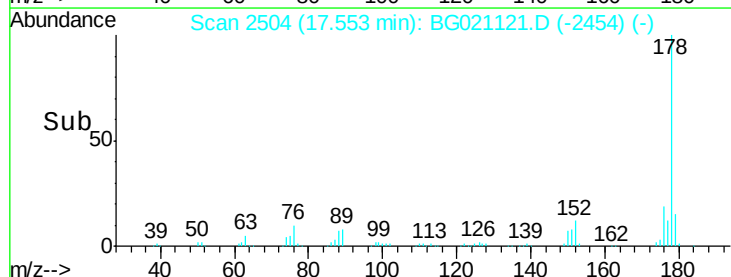
179 15.4 12.9 19.3

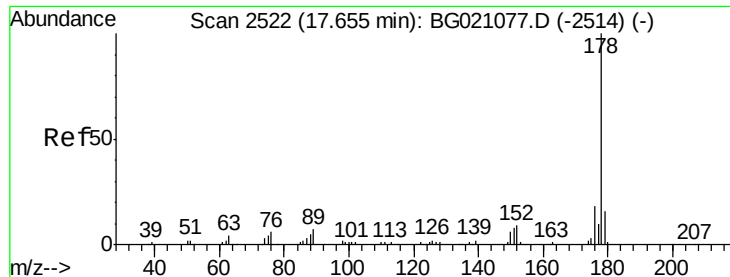


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 54.90 ng

RT: 17.65 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

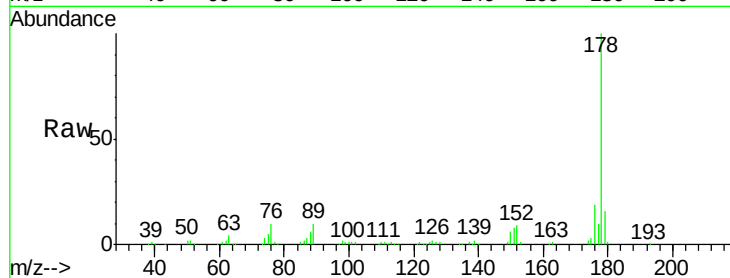
Tgt Ion:178 Resp: 157805

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

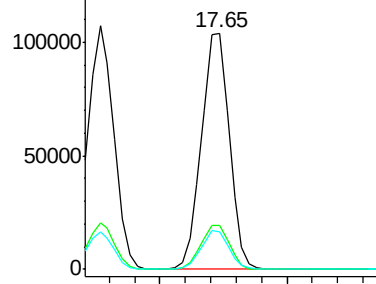
179 15.6 12.6 19.0



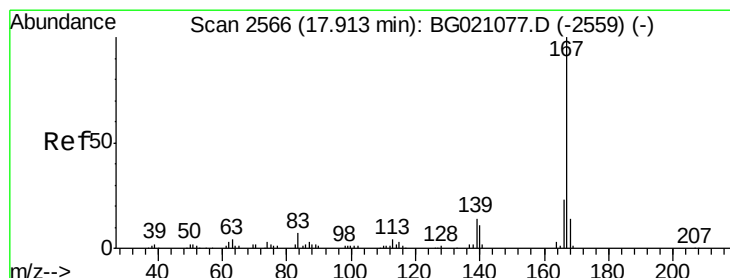
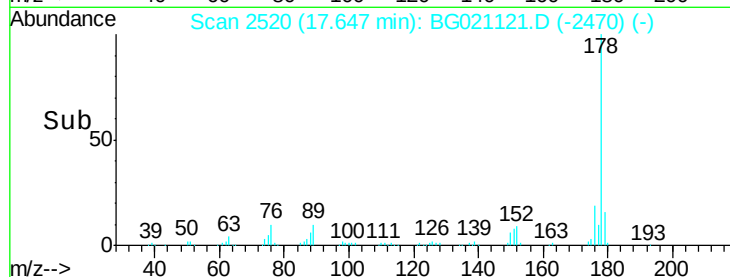
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 59.71 ng

RT: 17.91 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

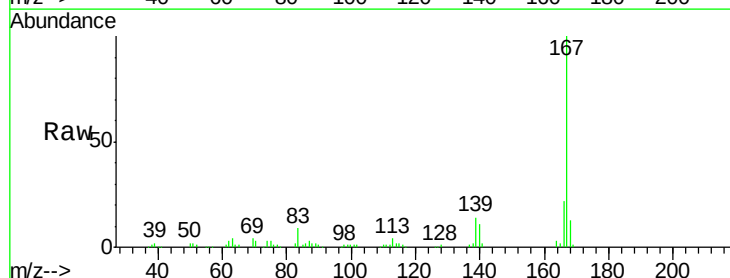
Tgt Ion:167 Resp: 148173

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

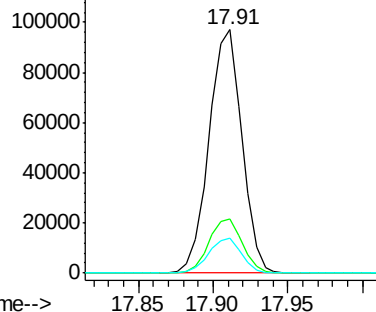
139 14.2 10.3 15.5



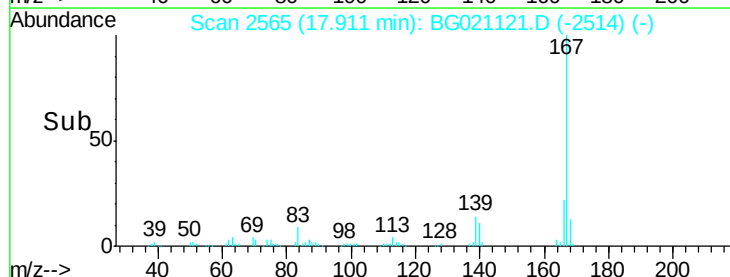
Abundance Ion 167.00 (166.70 to 167.70): E

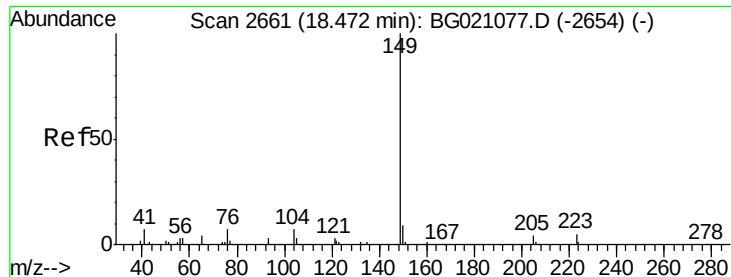
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

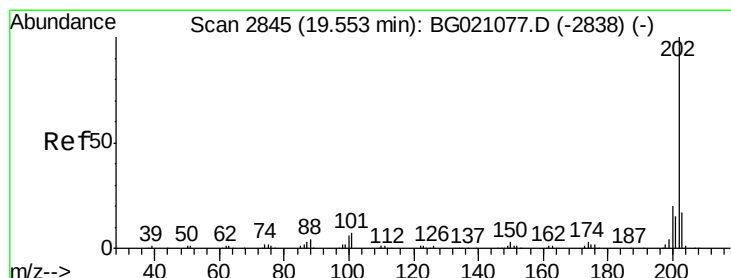
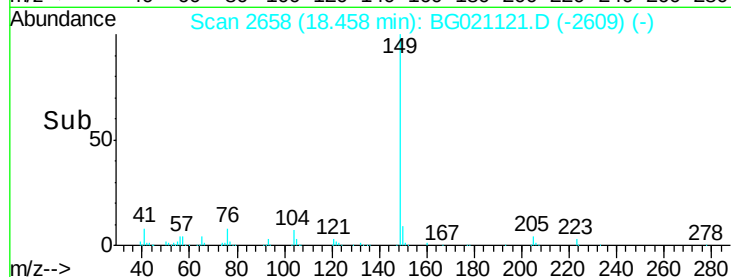
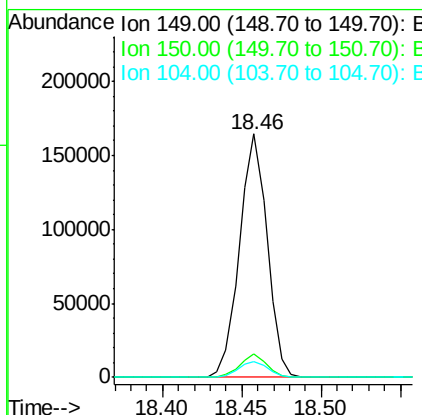
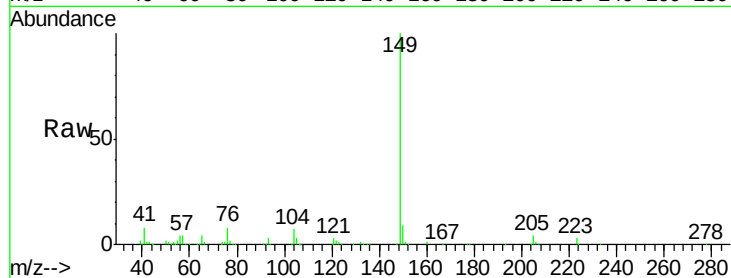




#73
Di-n-butylphthalate
Concen: 60.78 ng
RT: 18.46 min Scan# 2658
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

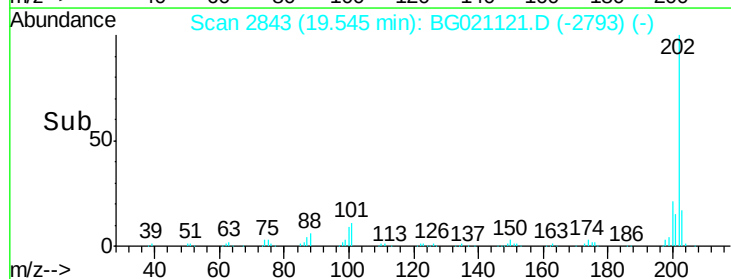
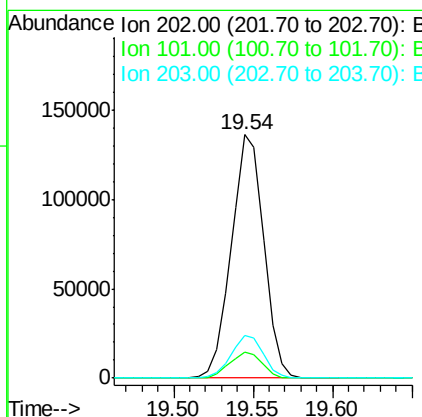
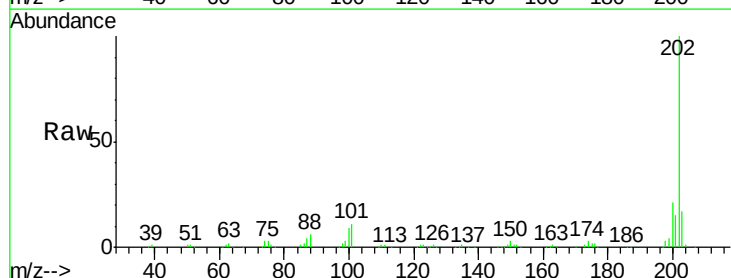
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

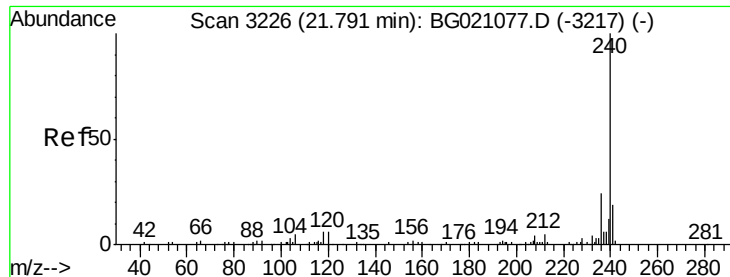
Tgt Ion:149 Resp: 198826
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 6.7 4.1 6.1#



#74
Fluoranthene
Concen: 53.77 ng
RT: 19.54 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:202 Resp: 192517
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.5
203 17.4 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: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

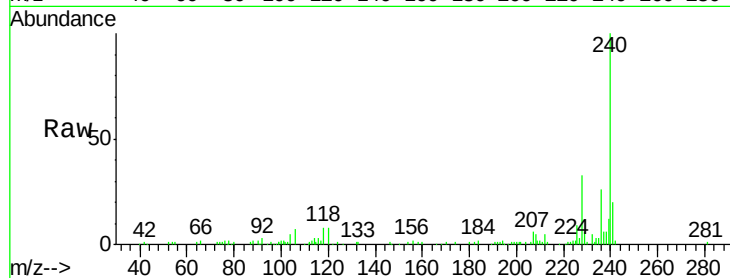
Tgt Ion:240 Resp: 59689

Ion Ratio Lower Upper

240 100

120 8.5 7.5 11.3

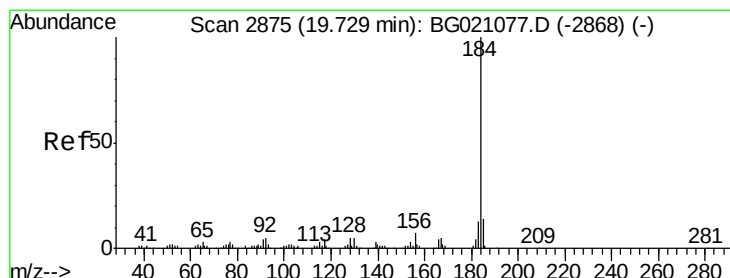
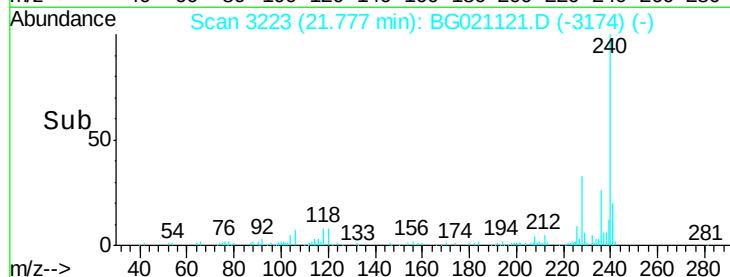
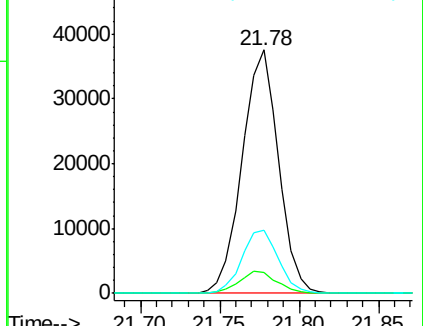
236 26.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.20 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

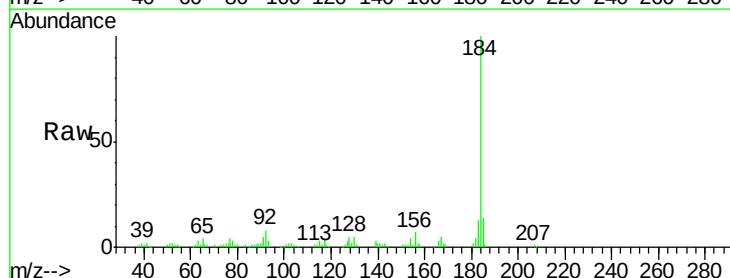
Tgt Ion:184 Resp: 67835

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

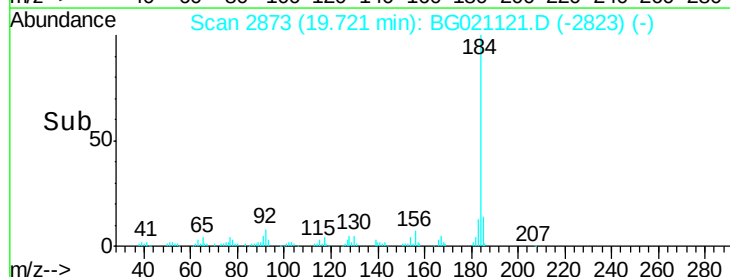
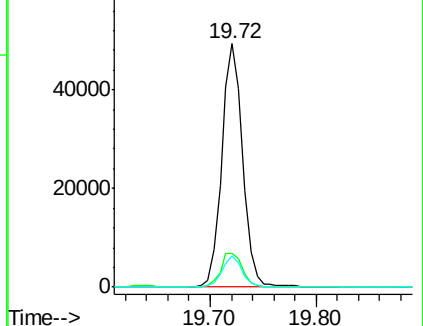
183 12.9 10.1 15.1

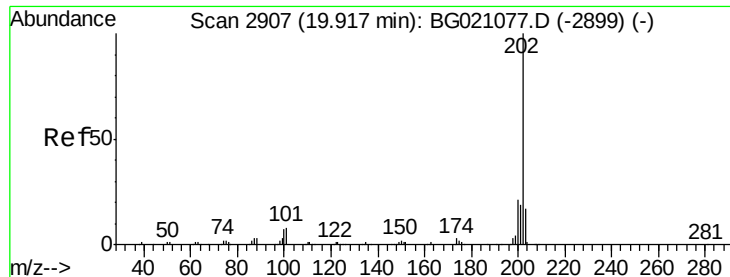


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

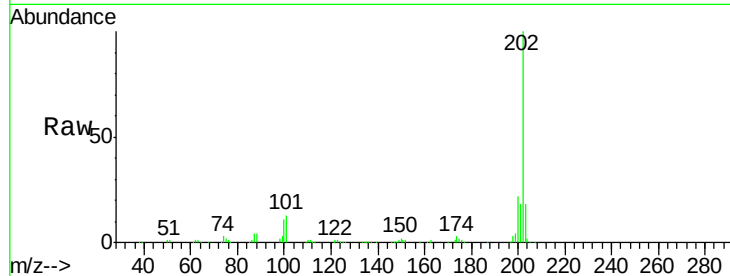




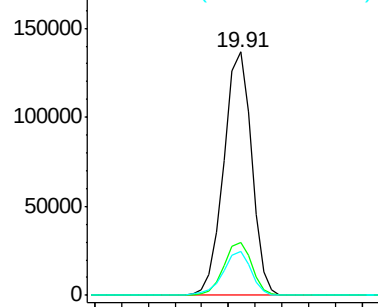
#77
 Pyrene
 Concen: 59.25 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

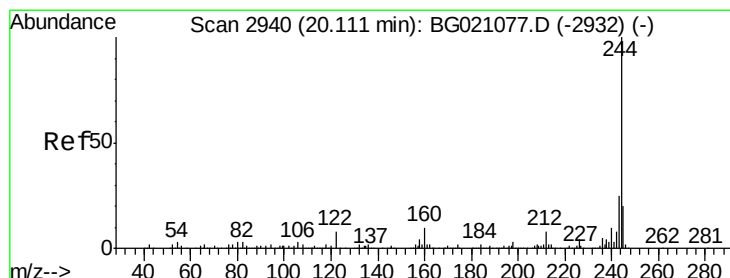
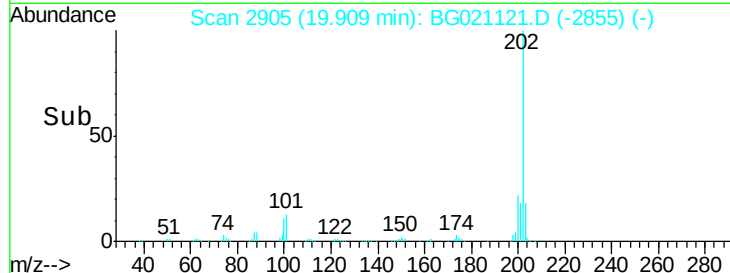
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	18.1	13.8	20.8



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

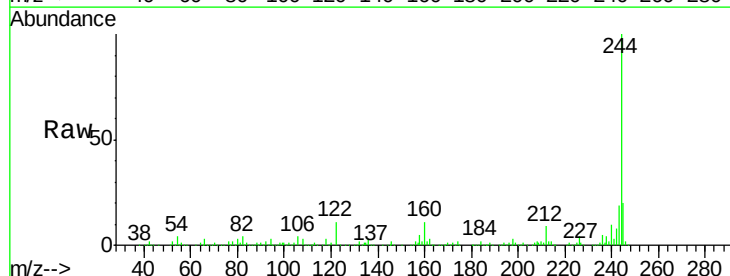


Time--> 19.80 19.90

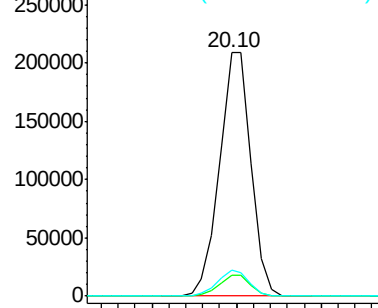


#78
 Terphenyl-d14
 Concen: 106.34 ng
 RT: 20.10 min Scan# 2937
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

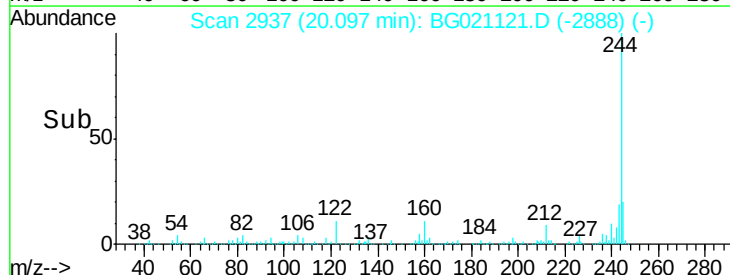
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.6
122	10.9	8.3	12.5

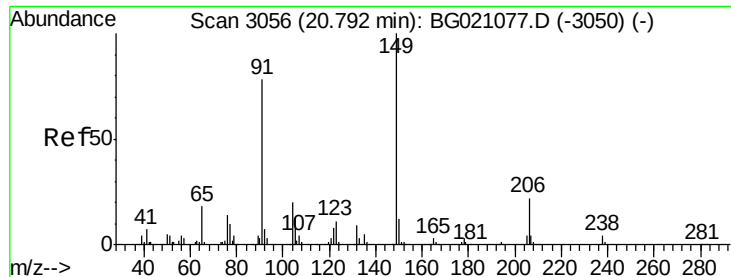


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 20.05 20.10 20.15

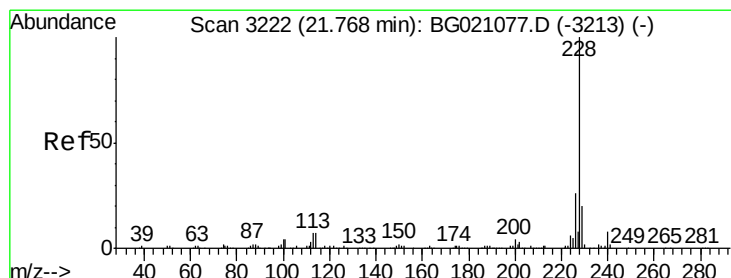
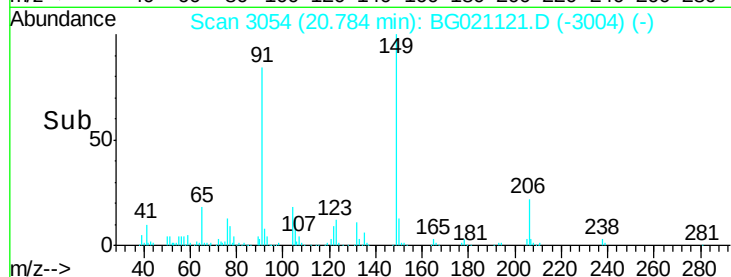
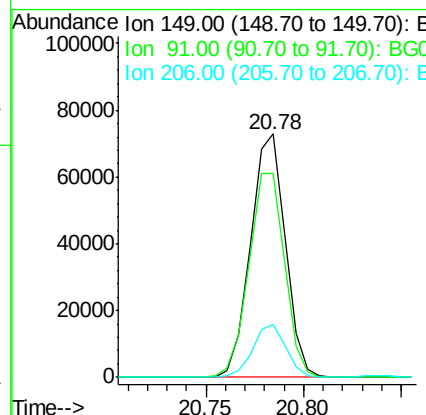
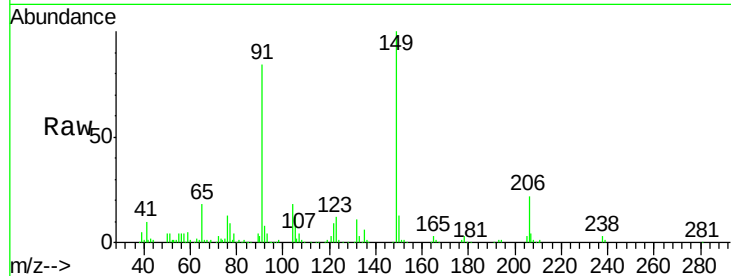




#79
Butylbenzylphthalate
Concen: 65.02 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

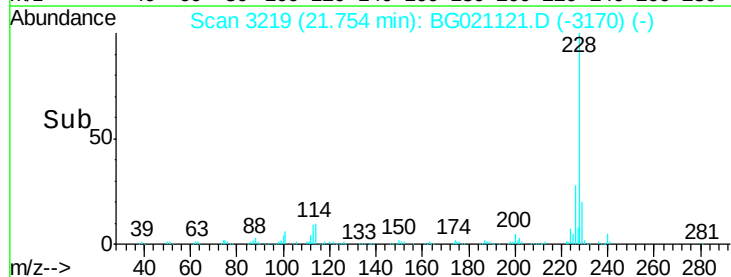
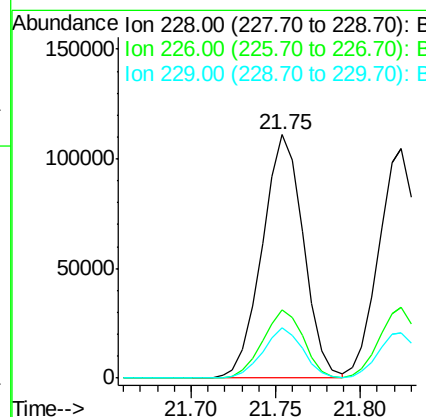
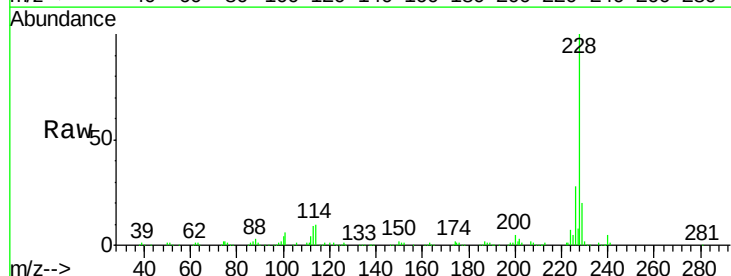
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

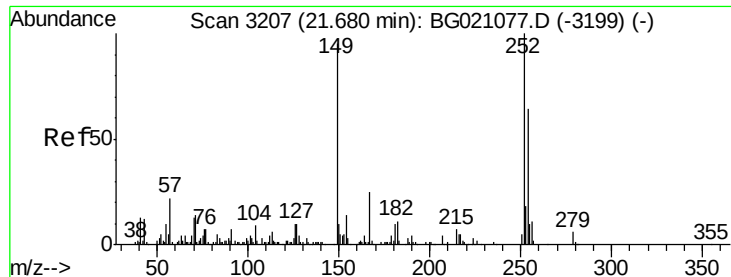
Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.8	58.6	87.8
206	21.6	14.2	21.4



#80
Benzo(a)anthracene
Concen: 54.74 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.4	15.5	23.3

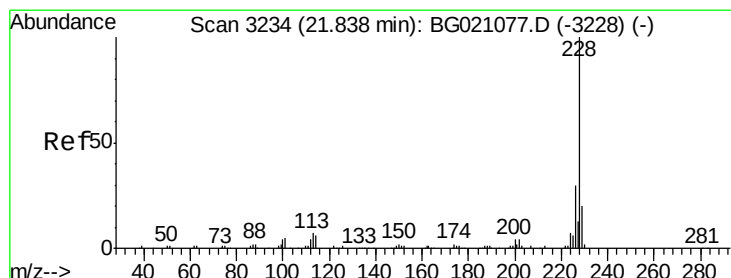
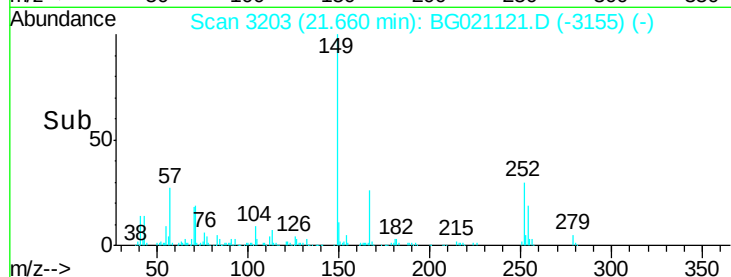
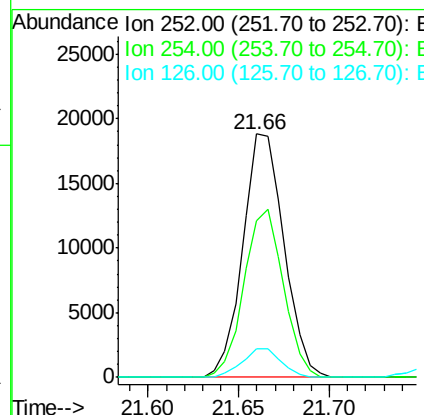
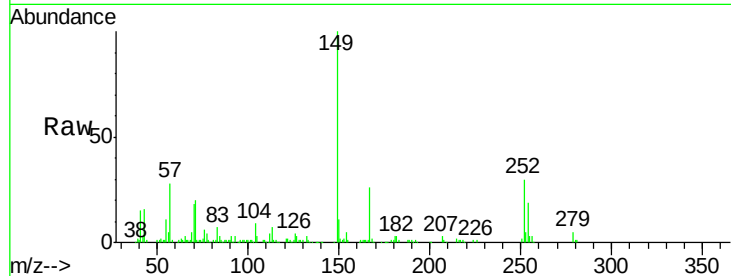




#81
 3,3'-Dichlorobenzidine
 Concen: 22.11 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.02 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

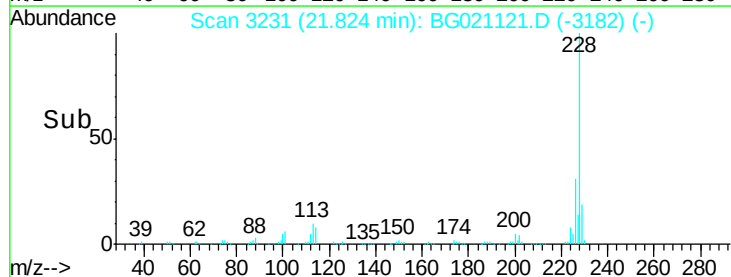
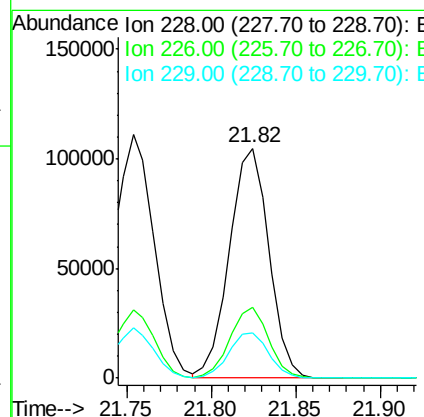
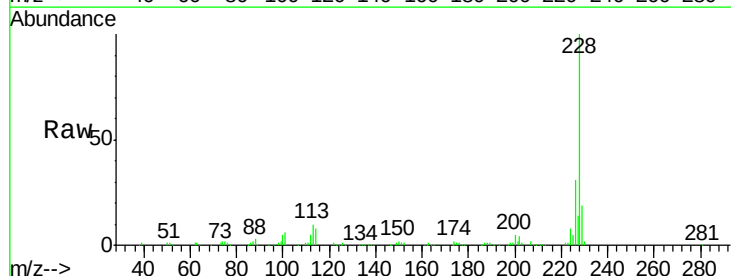
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

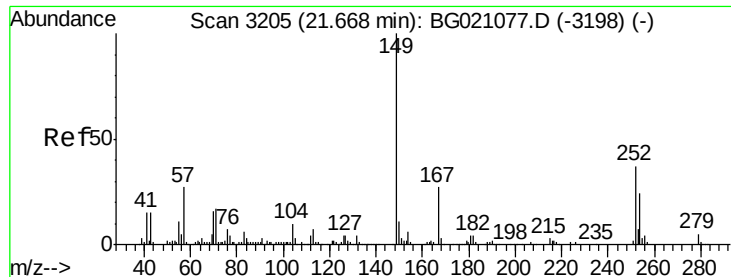
Tgt Ion:252 Resp: 29719
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.6 79.0
 126 11.8 8.3 12.5



#82
 Chrysene
 Concen: 51.60 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion:228 Resp: 170674
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.7 35.5
 229 19.4 16.7 25.1

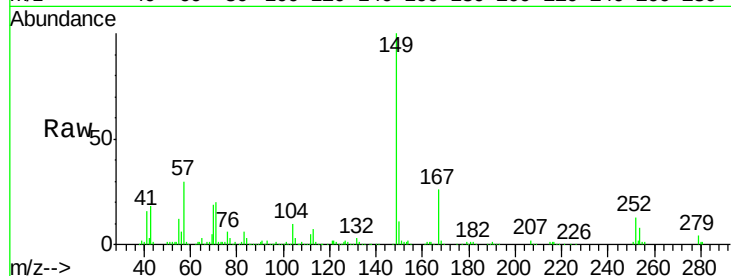




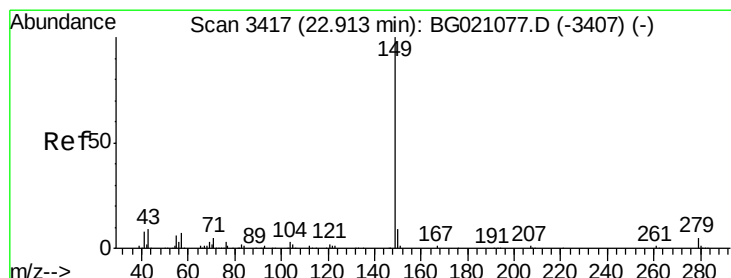
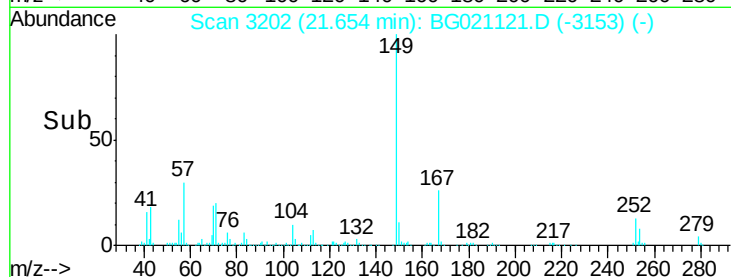
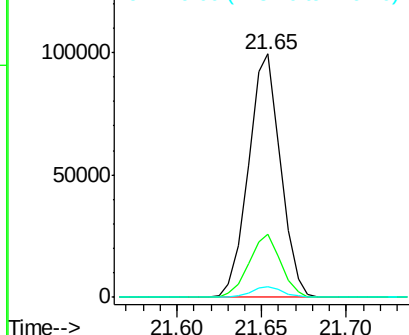
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.77 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.01 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	18.9	28.3
279	4.5	3.0	4.6

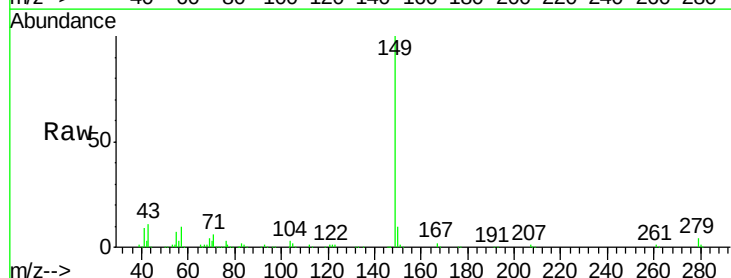


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

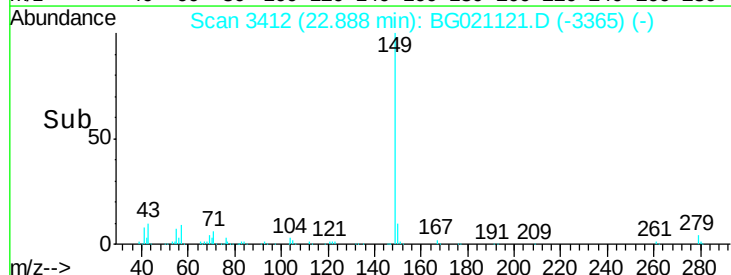
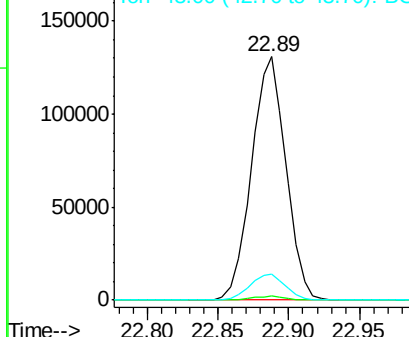


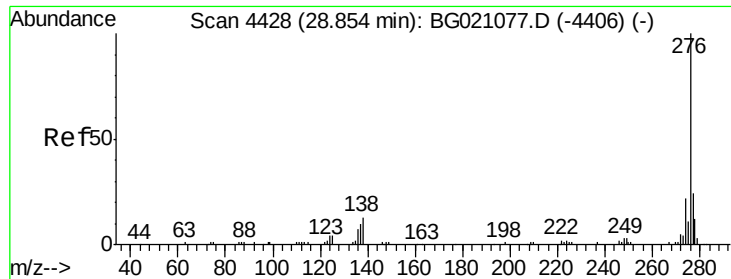
#84
 Di-n-octyl phthalate
 Concen: 62.68 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.03 min
 Lab File: BG021121.D
 Acq: 27 Feb 2016 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.2	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.19 ng

RT: 28.81 min Scan# 4420

Delta R.T. -0.04 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

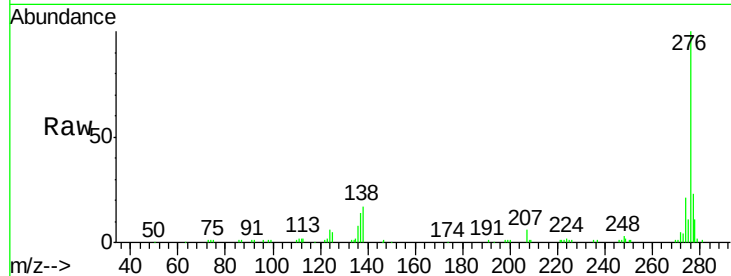
Tgt Ion:276 Resp: 200154

Ion Ratio Lower Upper

276 100

138 10.5 0.0 0.0#

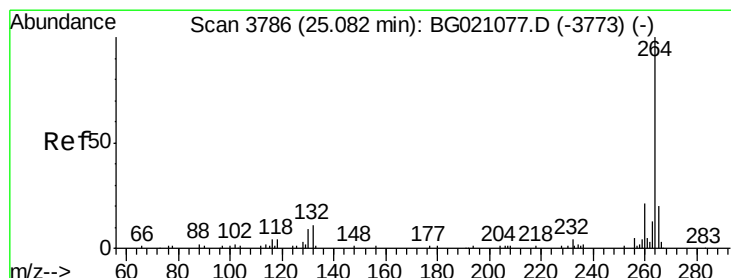
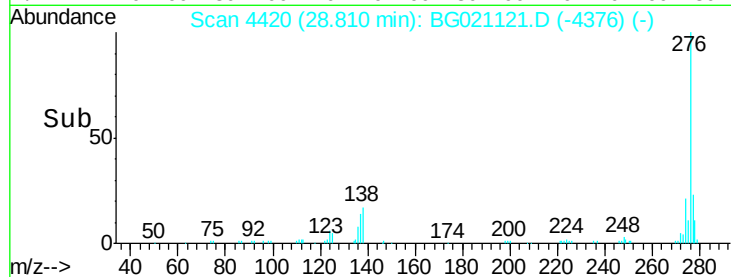
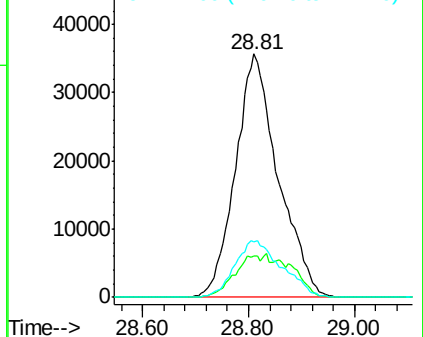
277 25.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3781

Delta R.T. -0.03 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

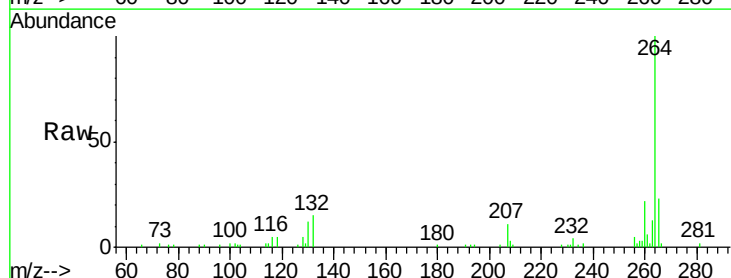
Tgt Ion:264 Resp: 54433

Ion Ratio Lower Upper

264 100

260 21.7 18.5 27.7

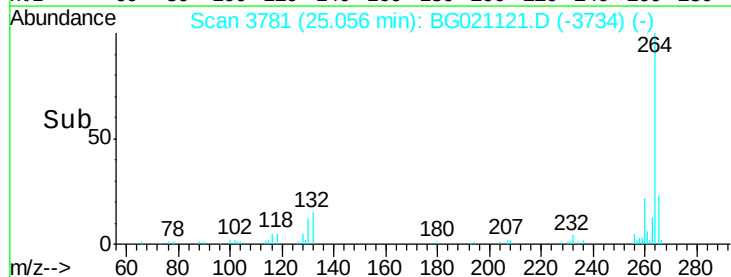
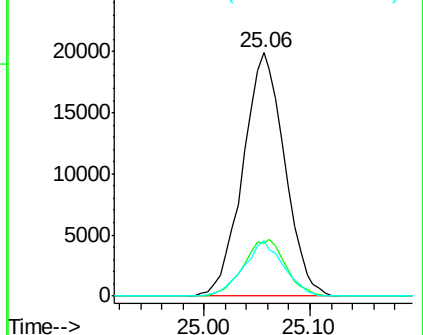
265 22.8 18.6 28.0

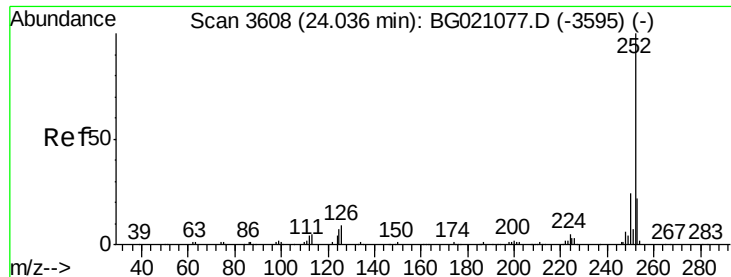


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

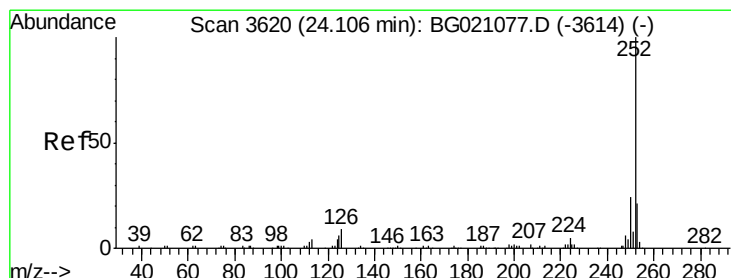
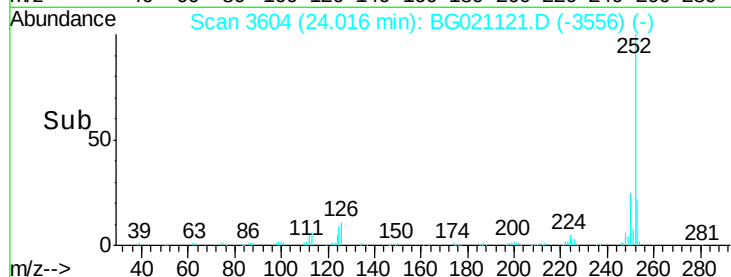
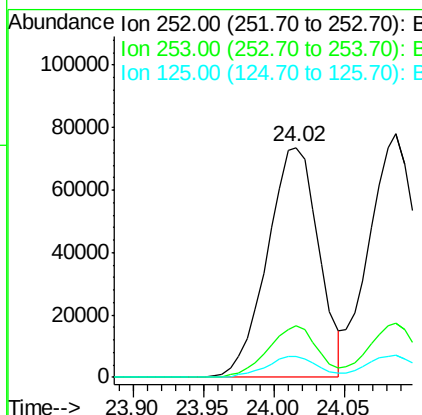
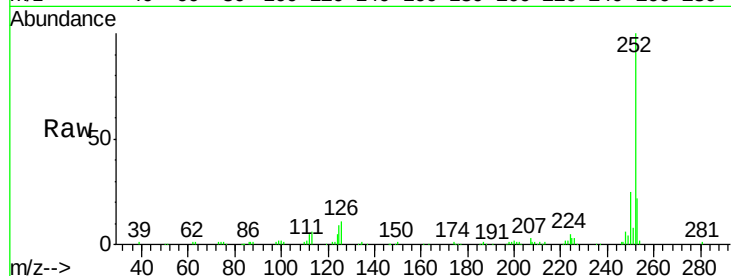




#87
Benzo(b)fluoranthene
Concen: 54.88 ng
RT: 24.02 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

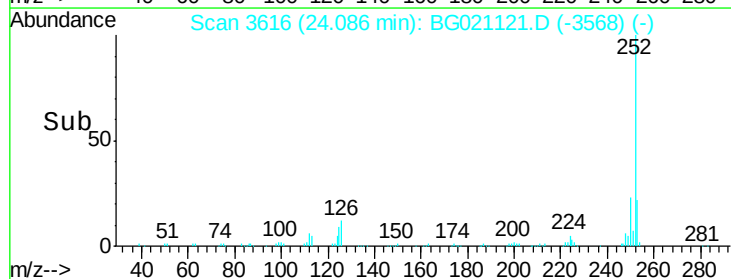
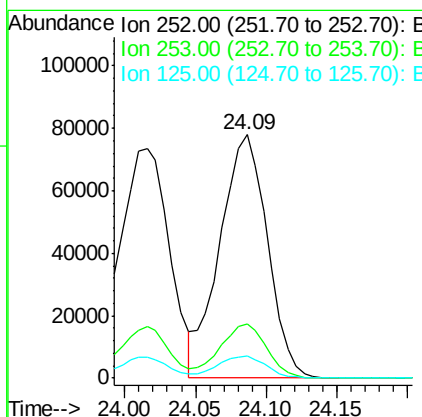
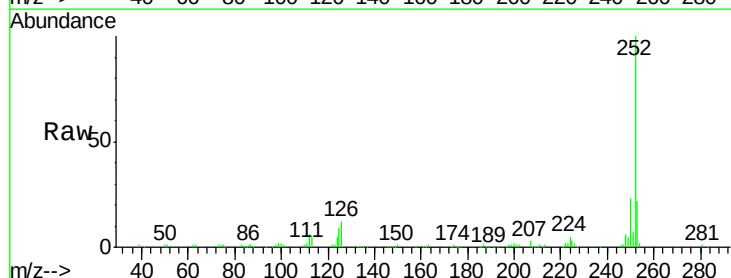
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

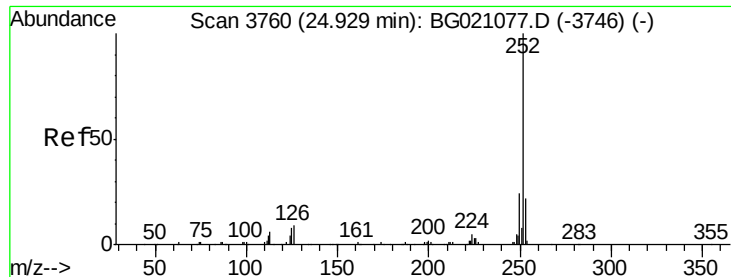
Tgt Ion:252 Resp: 186732
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 9.0 8.2 12.2



#88
Benzo(k)fluoranthene
Concen: 54.61 ng
RT: 24.09 min Scan# 3616
Delta R.T. -0.02 min
Lab File: BG021121.D
Acq: 27 Feb 2016 19:02

Tgt Ion:252 Resp: 183153
Ion Ratio Lower Upper
252 100
253 22.2 16.4 24.6
125 9.0 8.2 12.2





#89

Benzo(a)pyrene

Concen: 54.95 ng

RT: 24.90 min Scan# 3755

Delta R.T. -0.03 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS

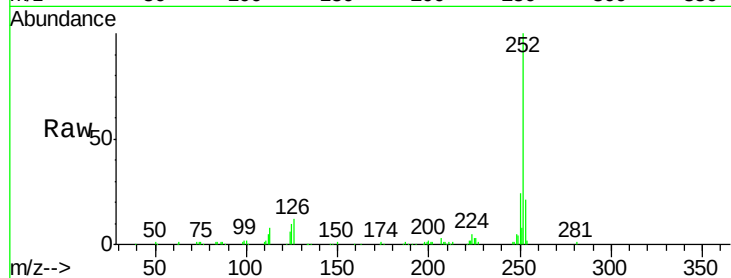
Tgt Ion: 252 Resp: 179460

Ion Ratio Lower Upper

252 100

253 20.9 15.8 23.8

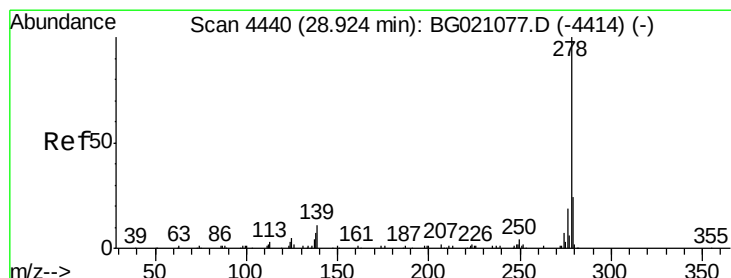
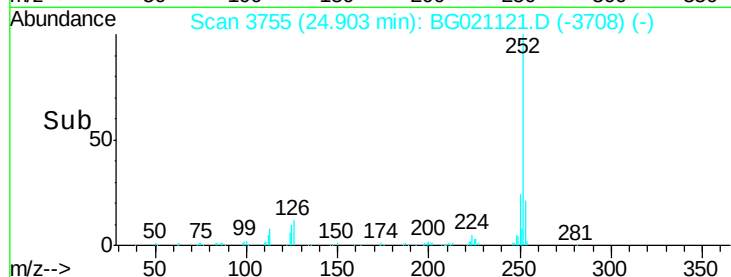
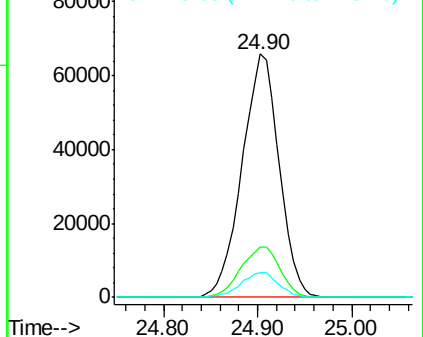
125 10.2 8.4 12.6



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: 52.03 ng

RT: 28.87 min Scan# 4431

Delta R.T. -0.05 min

Lab File: BG021121.D

Acq: 27 Feb 2016 19:02

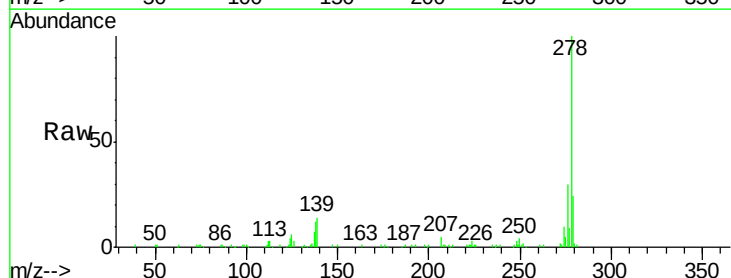
Tgt Ion: 278 Resp: 171321

Ion Ratio Lower Upper

278 100

139 14.2 10.6 15.8

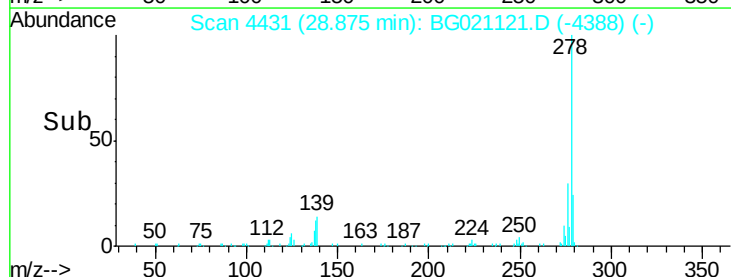
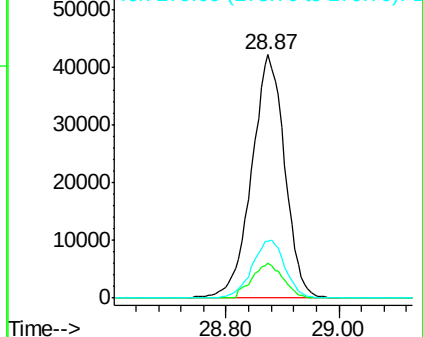
279 23.6 19.7 29.5

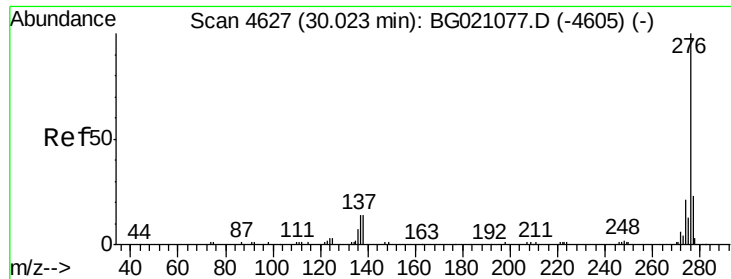


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.59 ng

RT: 29.99 min Scan# 4621

Delta R.T. -0.03 min

Lab File: BG021121.D

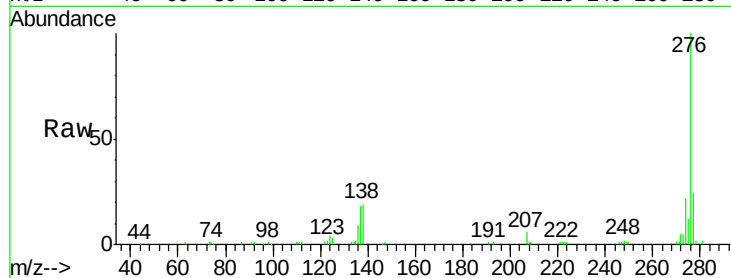
Acq: 27 Feb 2016 19:02

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MS



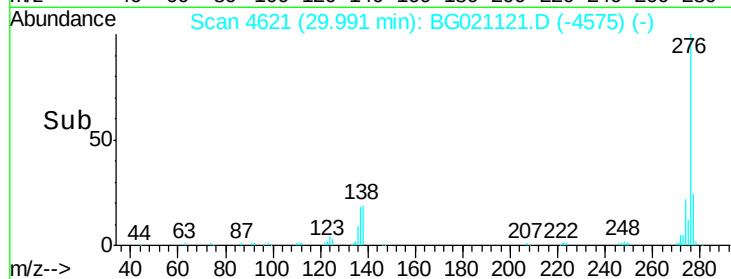
Tgt Ion: 276 Resp: 163615

Ion Ratio Lower Upper

276 100

277 23.8 16.6 25.0

138 18.7 14.6 21.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

