

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021113.D
 Acq On : 27 Feb 2016 13:48
 Operator : UM/SJ
 Sample : H1578-07MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Quant Time: Feb 29 00:14:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7051	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	32528	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	20232	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	49340	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	54918	20.00	ng	-0.02
86) Perylene-d12	25.06	264	49297	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	24233	60.17	ng	0.00
7) Phenol-d6	7.31	99	21840	36.44	ng	-0.02
23) Nitrobenzene-d5	9.34	82	73126	107.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	36552	137.80	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	152144	96.23	ng	0.00
78) Terphenyl-d14	20.10	244	203115	86.43	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	2711	14.54	ng	# 88
3) Pyridine	4.02	79	6156	11.29	ng	94
4) n-Nitrosodimethylamine	3.92	42	4133	14.95	ng	# 93
6) Aniline	7.49	93	14790	19.95	ng	92
8) 2-Chlorophenol	7.73	128	20430	40.67	ng	92
9) Benzaldehyde	7.30	77	3866	11.91	ng	86
10) Phenol	7.34	94	8074	13.15	ng	# 72
11) bis(2-Chloroethyl)ether	7.58	93	25231	53.62	ng	99
12) 1,3-Dichlorobenzene	8.06	146	25531	47.76	ng	# 92
13) 1,4-Dichlorobenzene	8.21	146	26793	46.92	ng	98
14) 1,2-Dichlorobenzene	8.52	146	25551	47.25	ng	96
15) Benzyl Alcohol	8.40	79	14831	28.33	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	33551	62.18	ng	92
17) 2-Methylphenol	8.60	107	14588	33.66	ng	# 89
18) Hexachloroethane	9.26	117	10486	48.54	ng	# 90
19) n-Nitroso-di-n-propylamine	8.97	70	26132	56.53	ng	96
20) 3+4-Methylphenols	8.92	107	17182	28.60	ng	89
22) Acetophenone	8.99	105	44060	49.07	ng	# 97
24) Nitrobenzene	9.38	77	38703	54.88	ng	91
25) Isophorone	9.89	82	70320	54.95	ng	97
26) 2-Nitrophenol	10.09	139	14133	47.40	ng	# 69
27) 2,4-Dimethylphenol	10.13	122	22994	43.72	ng	# 83
28) bis(2-Chloroethoxy)methane	10.38	93	35943	57.64	ng	98
29) 2,4-Dichlorophenol	10.62	162	24196	46.99	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	26728	45.80	ng	96
31) Naphthalene	11.03	128	84366	50.49	ng	98
32) Benzoic acid	10.20	122	3962	8.20	ng	88
33) 4-Chloroaniline	11.13	127	11854	16.99	ng	# 91
34) Hexachlorobutadiene	11.31	225	17266	44.22	ng	92
35) Caprolactam	11.90	113	533	3.06	ng	# 68
36) 4-Chloro-3-methylphenol	12.23	107	28455	45.08	ng	91
37) 2-Methylnaphthalene	12.62	142	63005	53.69	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	34115	45.63	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	47573	96.76	ng	99

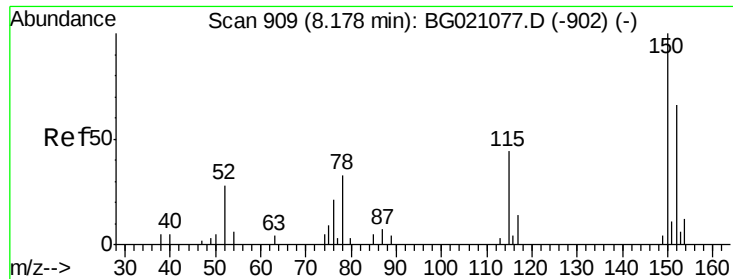
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	23484	50.09	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	25627	53.20	ng #	94
45) 1,1'-Biphenyl	13.61	154	82503	48.42	ng	94
46) 2-Chloronaphthalene	13.66	162	65048	50.32	ng	98
47) 2-Nitroaniline	13.85	65	25178	60.11	ng #	71
48) Acenaphthylene	14.50	152	104289	50.99	ng	98
49) Dimethylphthalate	14.23	163	90466	51.88	ng #	99
50) 2,6-Dinitrotoluene	14.35	165	19068	53.15	ng #	71
51) Acenaphthene	14.84	154	66533	47.69	ng	99
52) 3-Nitroaniline	14.67	138	8373	23.99	ng #	70
53) 2,4-Dinitrophenol	14.88	184	25943	103.72	ng	92
54) Dibenzofuran	15.17	168	99514	56.31	ng	92
55) 4-Nitrophenol	14.96	139	9450	30.52	ng #	53
56) 2,4-Dinitrotoluene	15.13	165	27903	54.24	ng #	82
57) Fluorene	15.82	166	87095	50.66	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	23227	55.47	ng #	98
59) Diethylphthalate	15.58	149	95161	51.78	ng	97
60) 4-Chlorophenyl-phenylether	15.80	204	45557	48.17	ng	99
61) 4-Nitroaniline	15.83	138	17661	44.43	ng #	58
62) Azobenzene	16.10	77	102529	64.39	ng	91
64) 4,6-Dinitro-2-methylphenol	15.88	198	17505	48.37	ng	95
65) n-Nitrosodiphenylamine	16.02	169	77288	53.10	ng	91
66) 4-Bromophenyl-phenylether	16.70	248	27355	47.09	ng #	90
67) Hexachlorobenzene	16.82	284	28789	46.98	ng #	91
68) Atrazine	16.96	200	28857	53.50	ng	99
69) Pentachlorophenol	17.16	266	39682	95.92	ng	96
70) Phenanthrene	17.56	178	139280	52.46	ng	98
71) Anthracene	17.64	178	138826	51.92	ng	98
72) Carbazole	17.91	167	129880	56.27	ng	97
73) Di-n-butylphthalate	18.46	149	170480	56.03	ng #	98
74) Fluoranthene	19.55	202	171353	51.45	ng	97
76) Benzidine	19.72	184	26246	18.17	ng	98
77) Pyrene	19.91	202	173605	57.09	ng	99
79) Butylbenzylphthalate	20.78	149	76571	60.34	ng	88
80) Benzo(a)anthracene	21.76	228	170526	53.97	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	27308	22.09	ng	99
82) Chrysene	21.82	228	153071	50.30	ng	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	112171	57.24	ng #	95
84) Di-n-octyl phthalate	22.89	149	191922	58.43	ng	96
85) Indeno(1,2,3-cd)pyrene	28.81	276	182051	49.62	ng #	100
87) Benzo(b)fluoranthene	24.08	252	166433	54.01	ng	96
88) Benzo(k)fluoranthene	24.08	252	166433	54.79	ng	95
89) Benzo(a)pyrene	24.91	252	162180	54.83	ng	98
90) Dibenzo(a,h)anthracene	28.88	278	154733	51.89	ng	97
91) Benzo(g,h,i)perylene	29.99	276	148558	51.72	ng	95

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

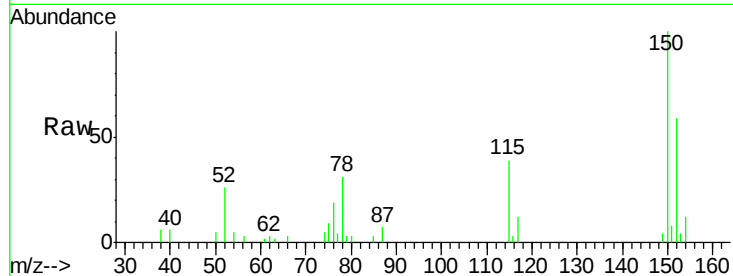


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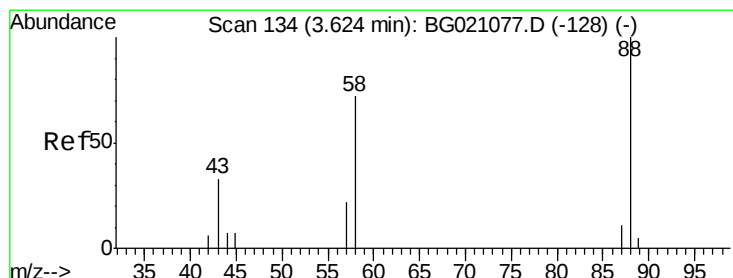
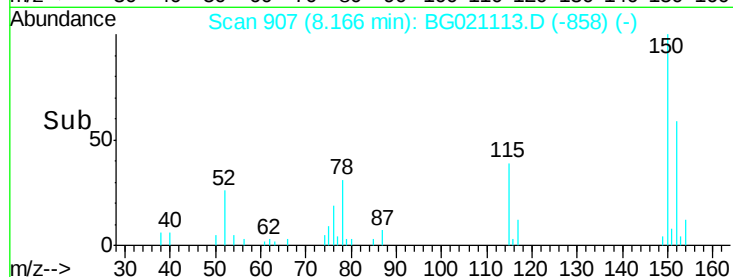
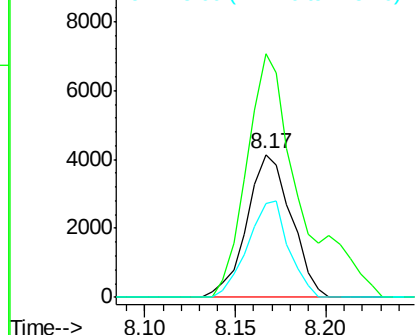
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tgt Ion:152 Resp: 7051
Ion Ratio Lower Upper
152 100
150 170.3 123.4 185.2
115 65.7 43.3 64.9#



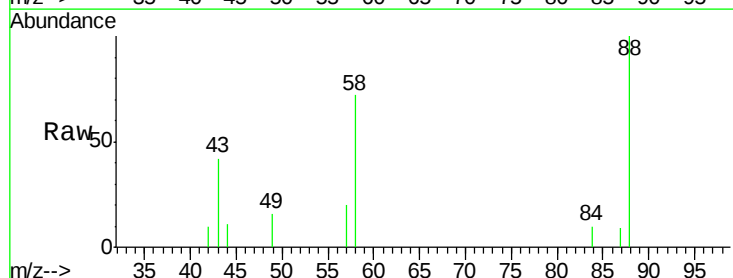
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



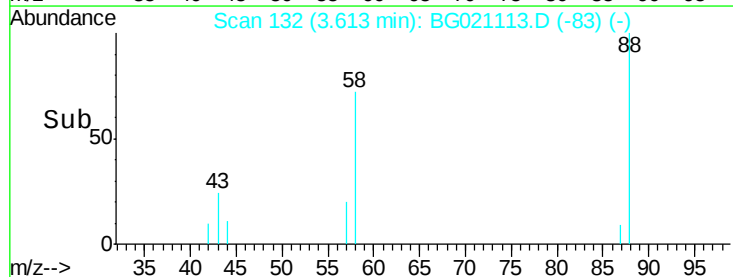
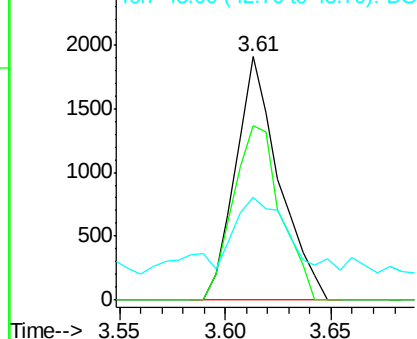
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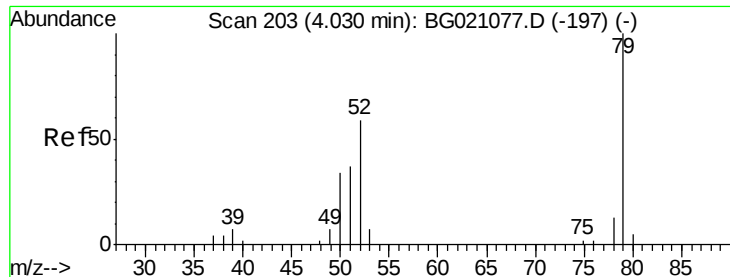
1,4-Dioxane
Concen: 14.54 ng
RT: 3.61 min Scan# 132
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion: 88 Resp: 2711
Ion Ratio Lower Upper
88 100
58 78.4 55.9 83.9
43 35.8 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: 11.29 ng

RT: 4.02 min Scan# 201

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

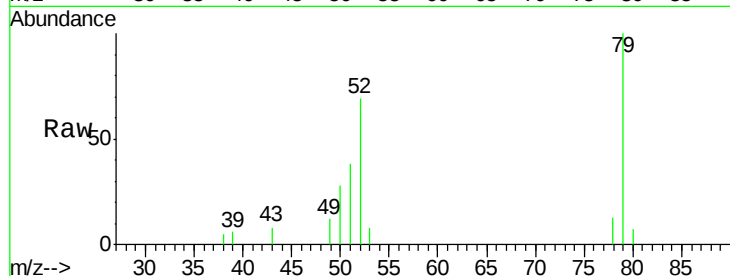
Tgt Ion: 79 Resp: 6156

Ion Ratio Lower Upper

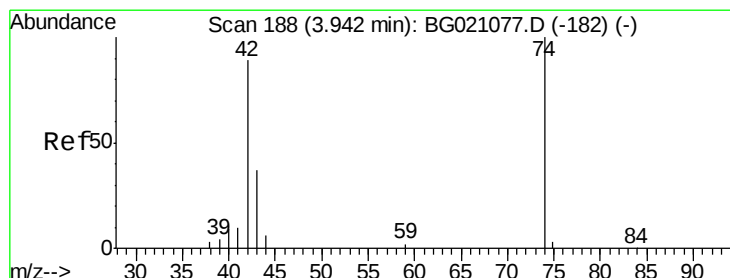
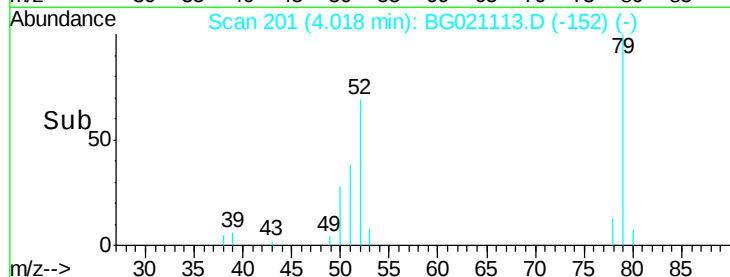
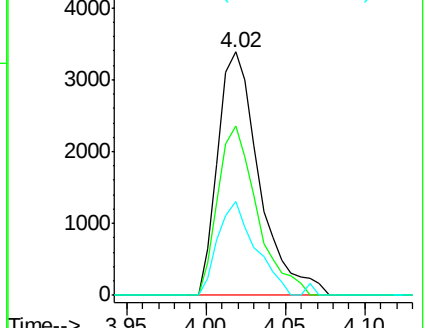
79 100

52 69.3 53.2 79.8

51 38.4 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: 14.95 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

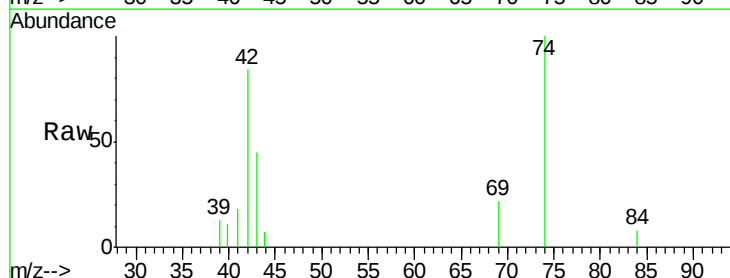
Tgt Ion: 42 Resp: 4133

Ion Ratio Lower Upper

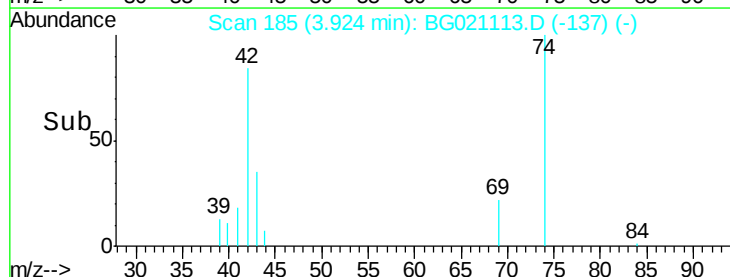
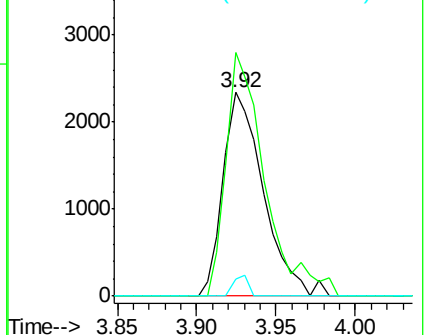
42 100

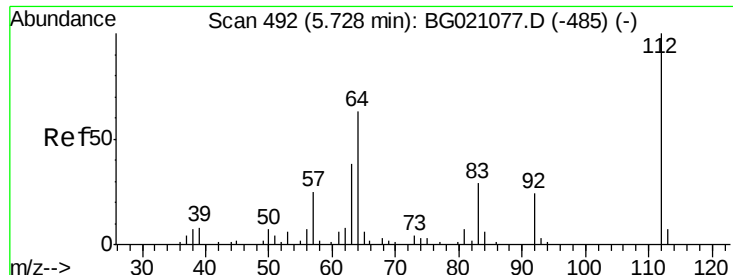
74 119.5 102.3 153.5

44 8.1 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: 60.17 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

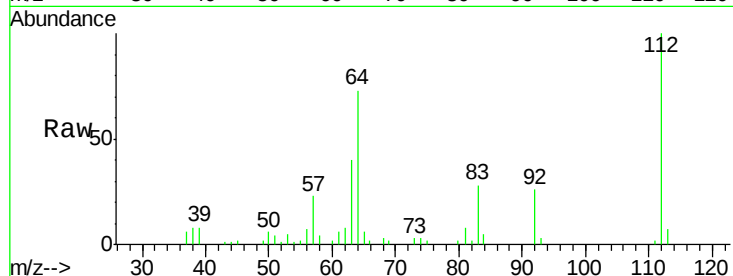
Tgt Ion: 112 Resp: 24233

Ion Ratio Lower Upper

112 100

64 73.3 42.6 63.8#

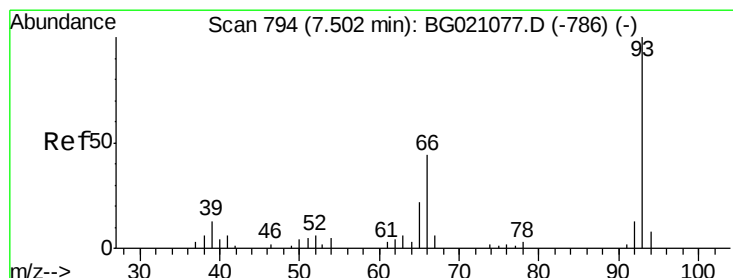
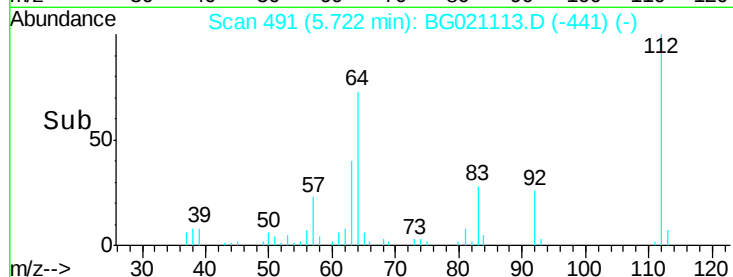
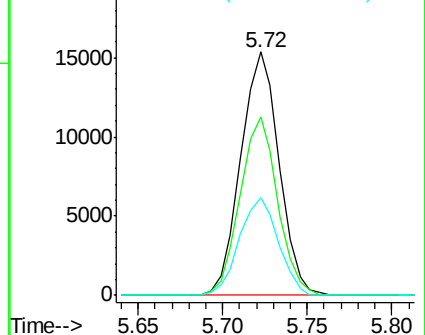
63 40.1 21.7 32.5#



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: 19.95 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

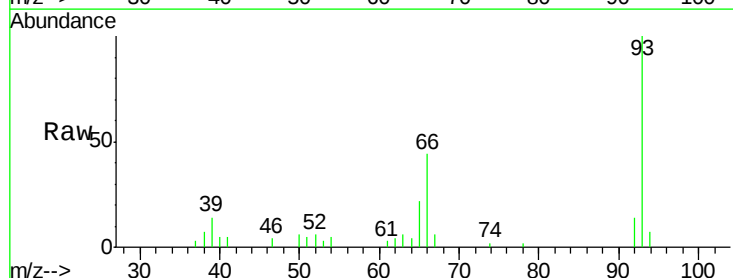
Tgt Ion: 93 Resp: 14790

Ion Ratio Lower Upper

93 100

66 43.8 30.1 45.1

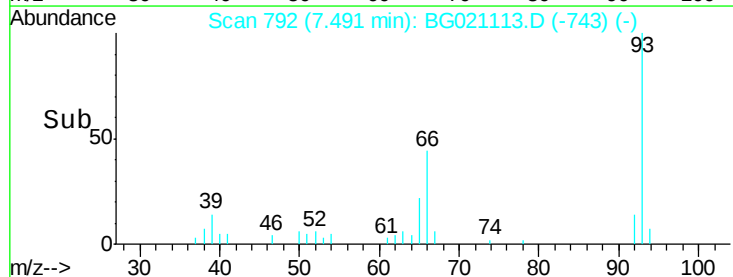
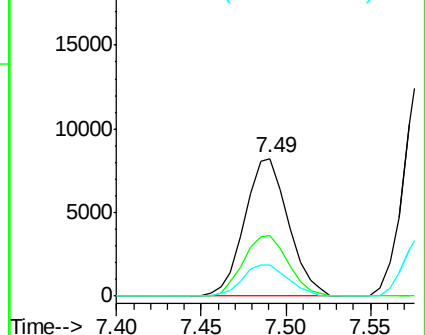
65 22.4 16.6 24.8

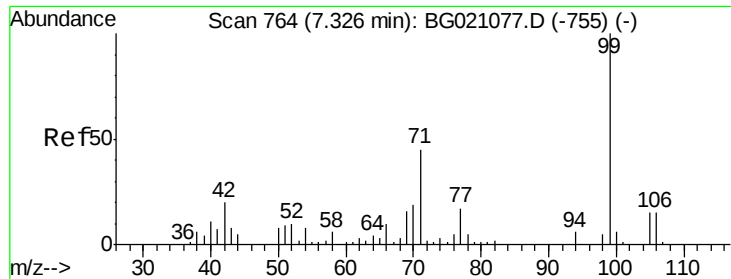


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 36.44 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021113.D

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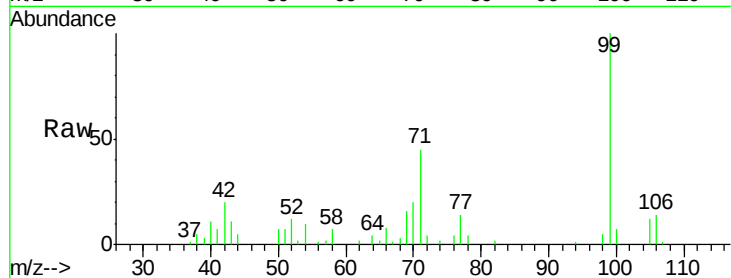
Tgt Ion: 99 Resp: 21840

Ion Ratio Lower Upper

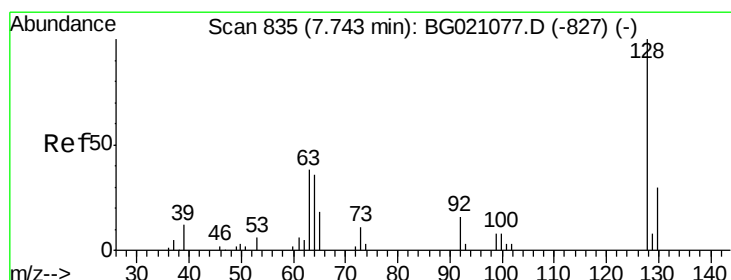
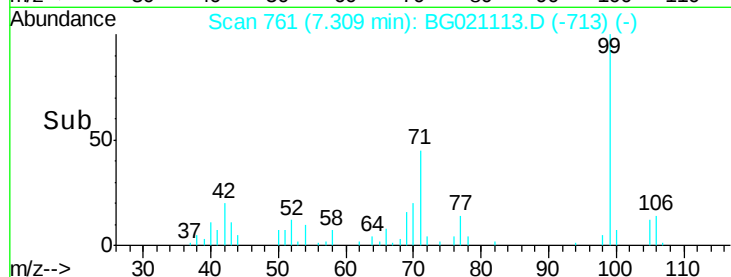
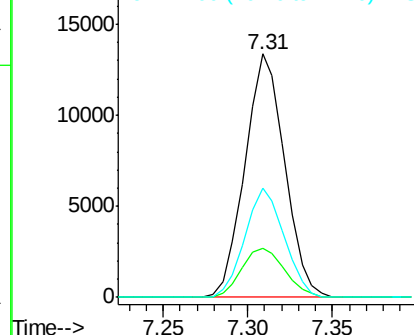
99 100

42 20.2 13.2 19.8#

71 45.1 25.2 37.8#



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



#8

2-Chlorophenol

Concen: 40.67 ng

RT: 7.73 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

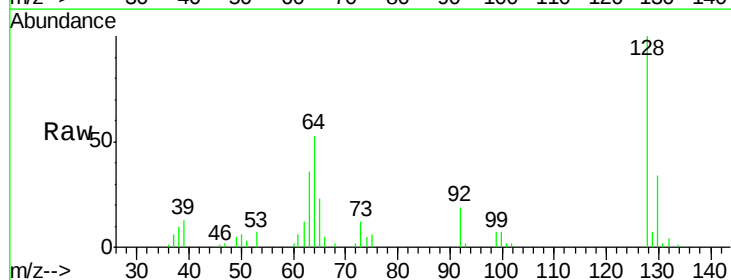
Tgt Ion: 128 Resp: 20430

Ion Ratio Lower Upper

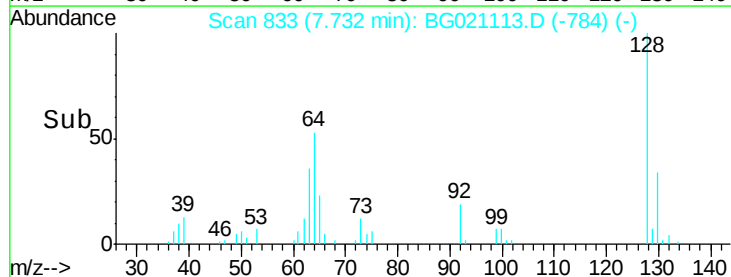
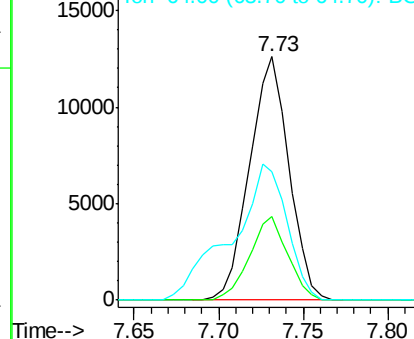
128 100

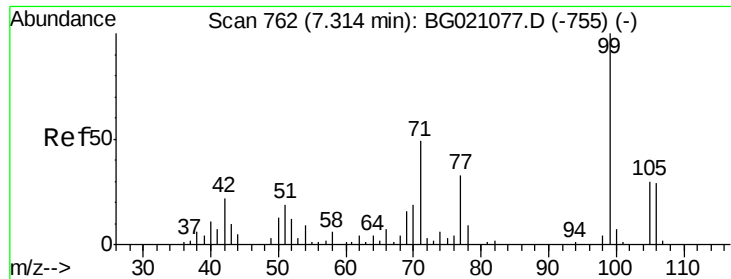
130 34.2 11.9 51.9

64 52.7 25.8 65.8



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





#9

Benzaldehyde

Concen: 11.91 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

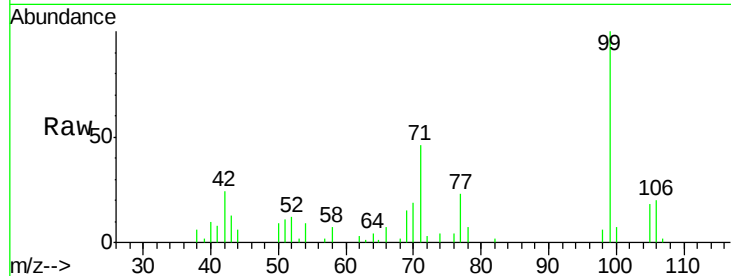
Tgt Ion: 77 Resp: 3866

Ion Ratio Lower Upper

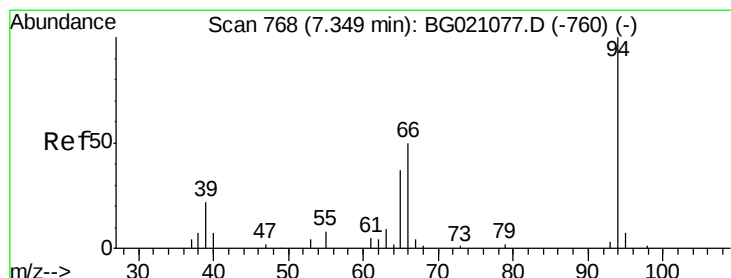
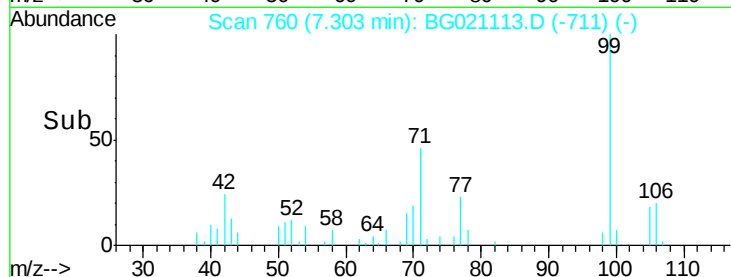
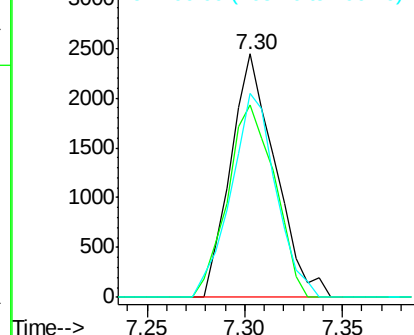
77 100

105 79.0 77.4 117.4

106 83.9 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: 13.15 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

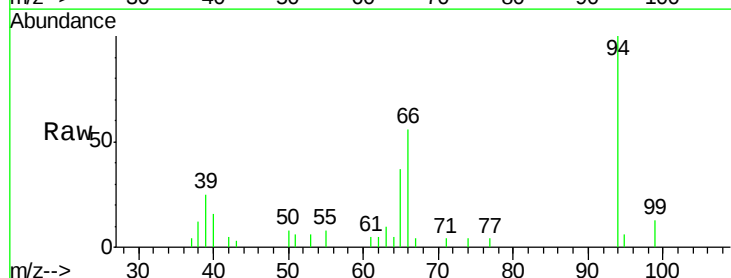
Tgt Ion: 94 Resp: 8074

Ion Ratio Lower Upper

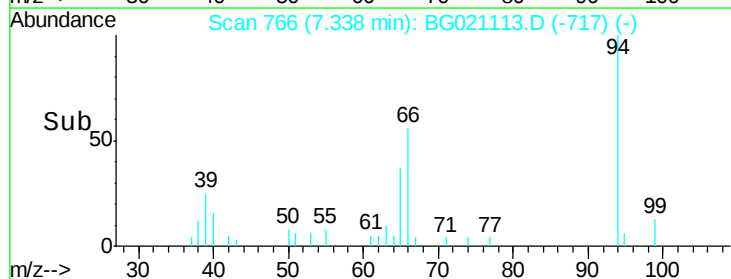
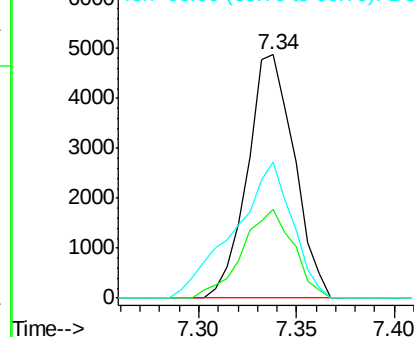
94 100

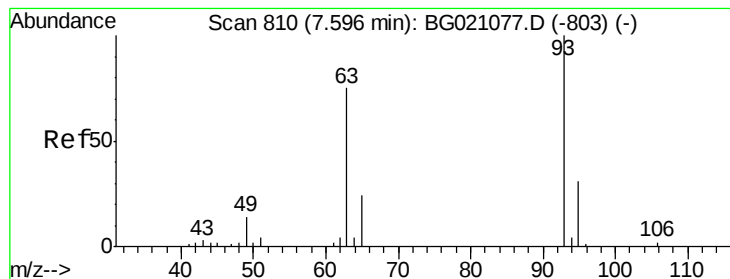
65 36.7 7.2 47.2

66 56.1 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: 53.62 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

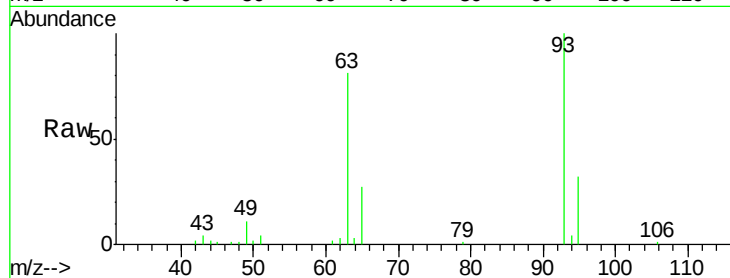
Tgt Ion: 93 Resp: 25231

Ion Ratio Lower Upper

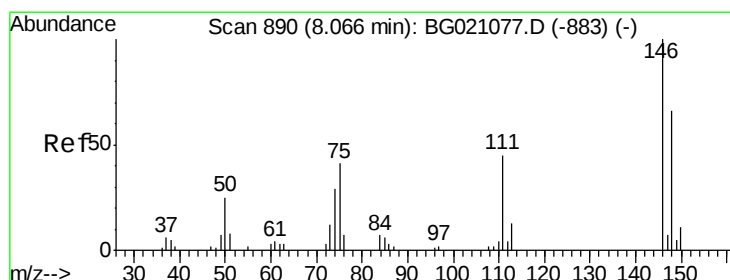
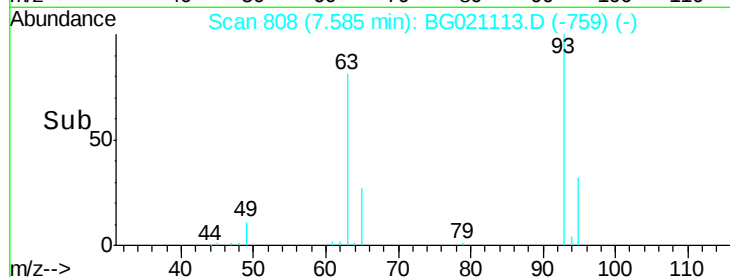
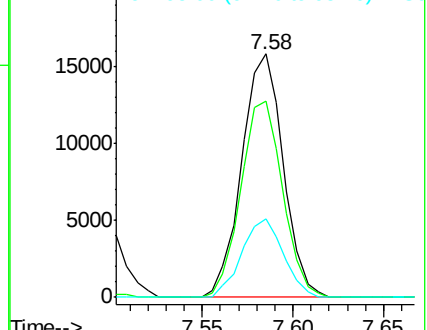
93 100

63 80.7 60.5 100.5

95 32.4 14.6 54.6



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



#12

1,3-Dichlorobenzene

Concen: 47.76 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

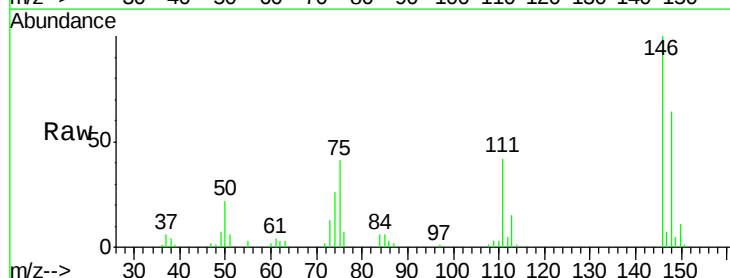
Tgt Ion: 146 Resp: 25531

Ion Ratio Lower Upper

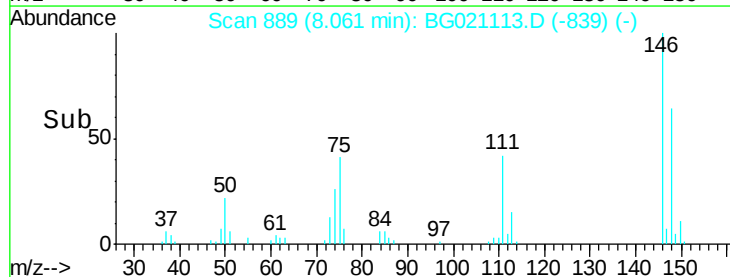
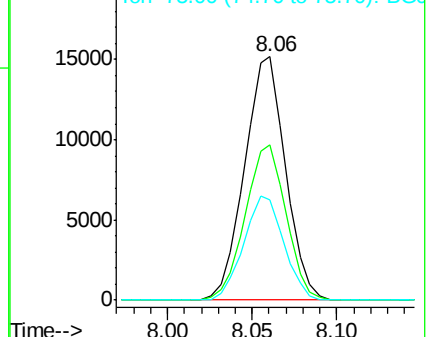
146 100

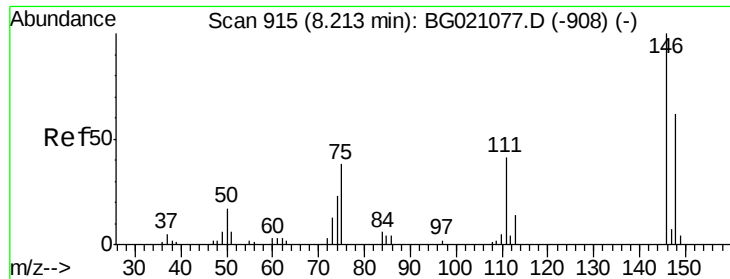
148 63.6 52.6 78.8

75 41.3 24.0 36.0#



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

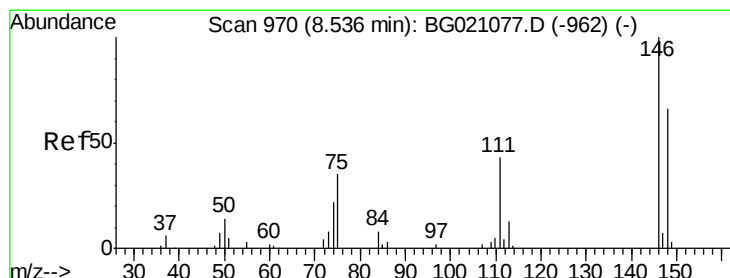
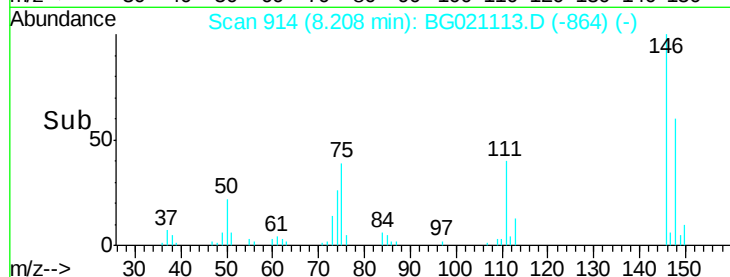
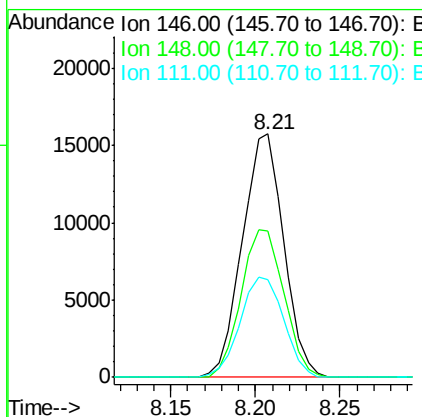
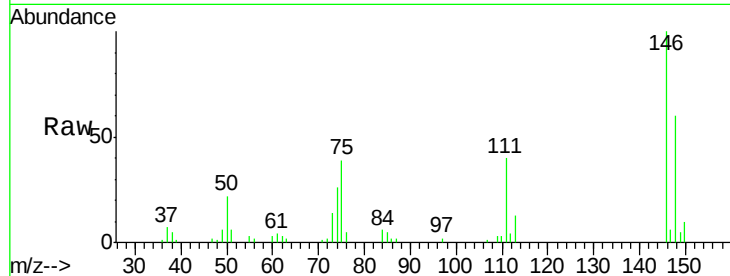




#13
 1,4-Dichlorobenzene
 Concen: 46.92 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

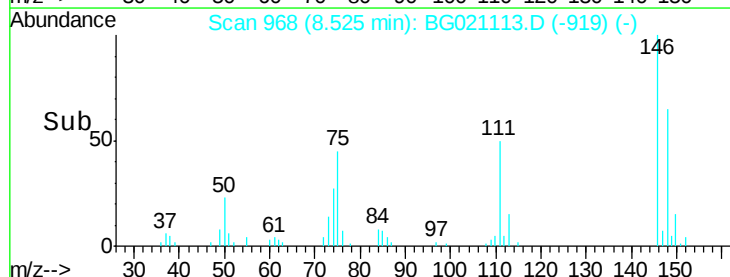
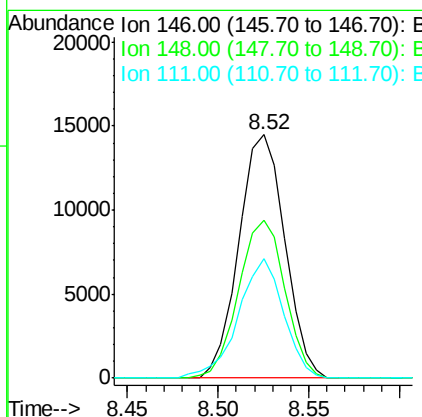
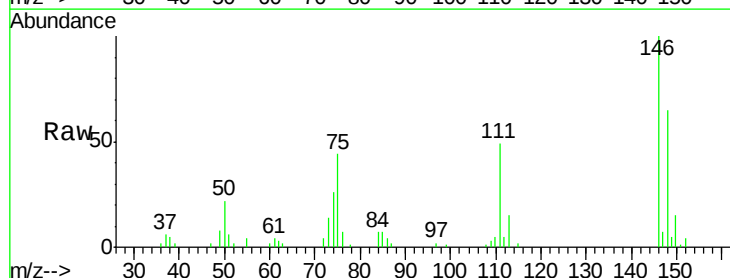
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

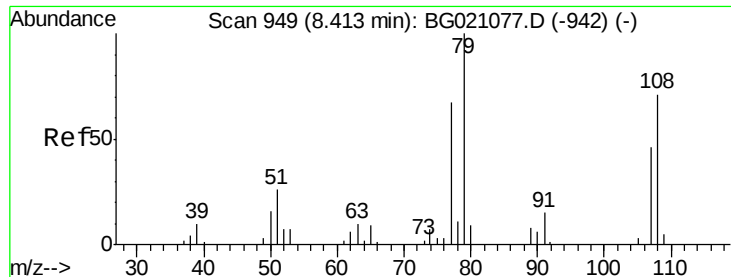
Tgt Ion:146 Resp: 26793
 Ion Ratio Lower Upper
 146 100
 148 60.1 50.2 75.4
 111 40.1 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 47.25 ng
 RT: 8.52 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:146 Resp: 25551
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.5 75.7
 111 49.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 28.33 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

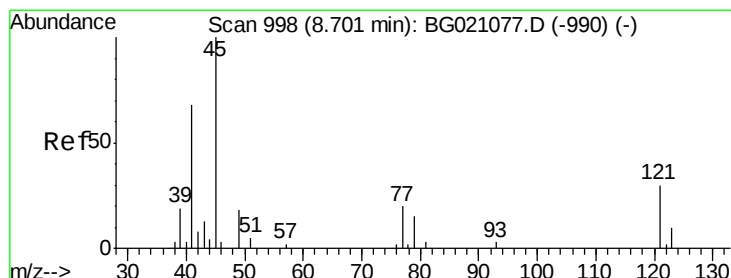
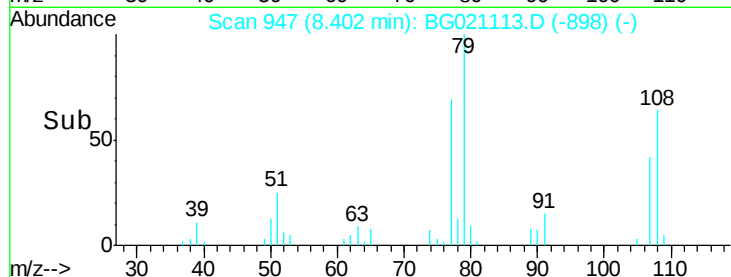
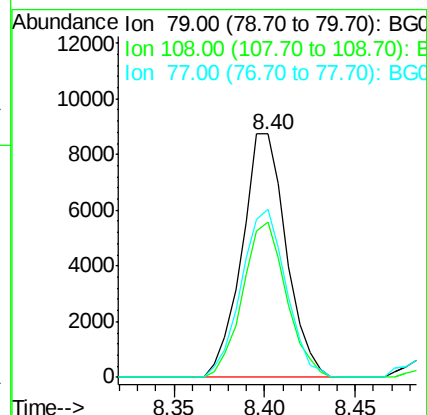
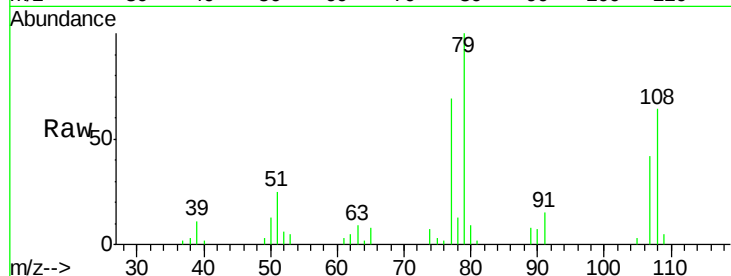
Tgt Ion: 79 Resp: 14831

Ion Ratio Lower Upper

79 100

108 63.7 65.1 97.7#

77 69.1 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.18 ng

RT: 8.70 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

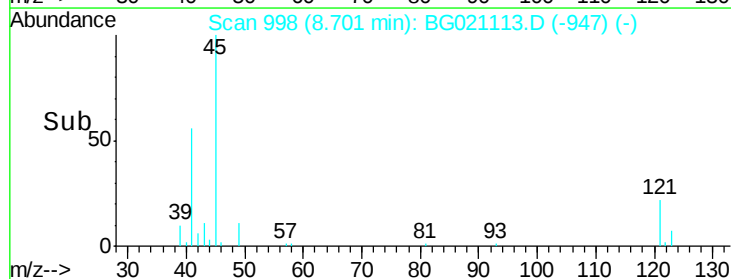
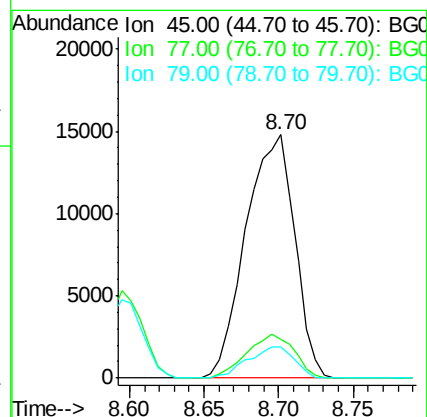
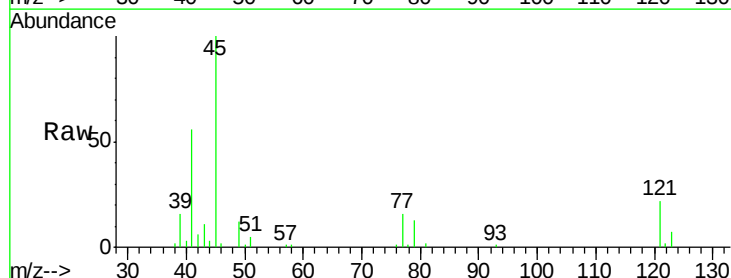
Tgt Ion: 45 Resp: 33551

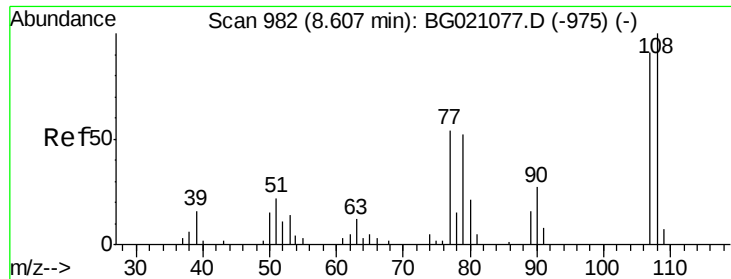
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.3

79 12.9 0.0 29.6

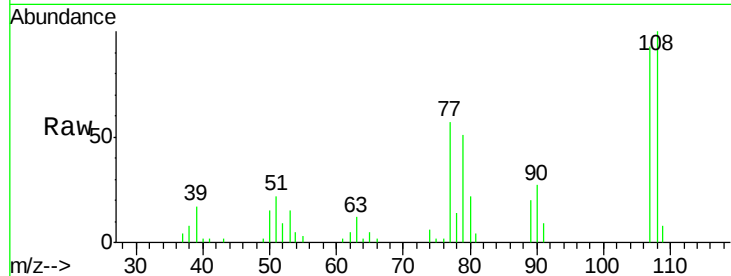




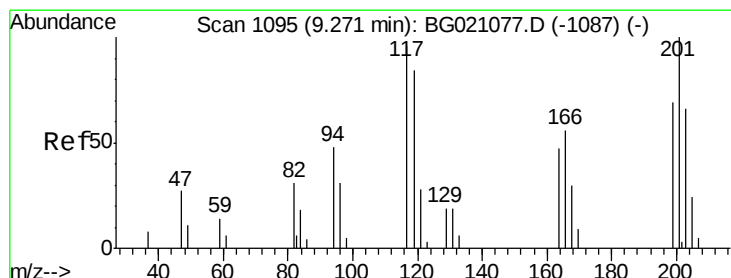
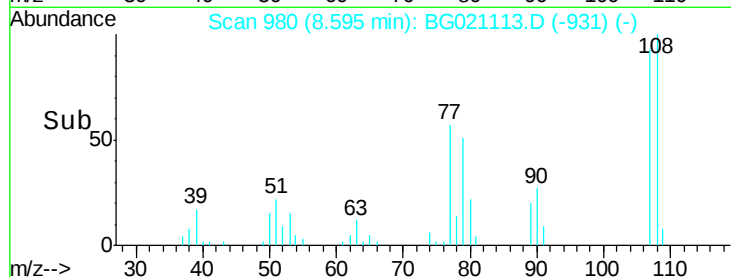
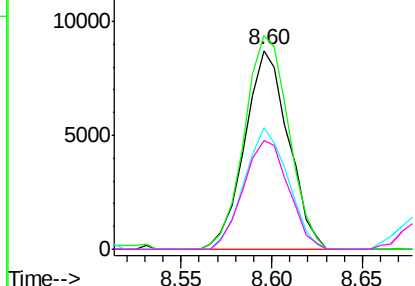
#17
2-Methylphenol
Concen: 33.66 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tgt Ion:107 Resp: 14588
Ion Ratio Lower Upper
107 100
108 107.5 88.8 133.2
77 61.0 38.0 57.0#
79 54.8 32.6 49.0#

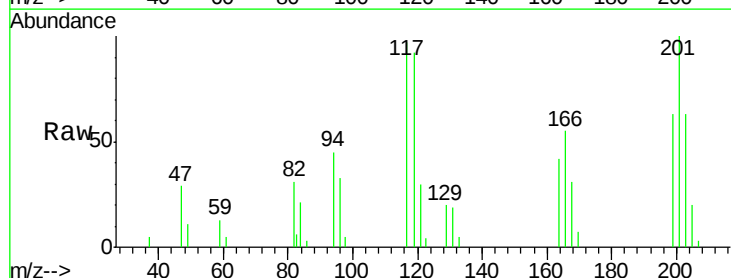


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

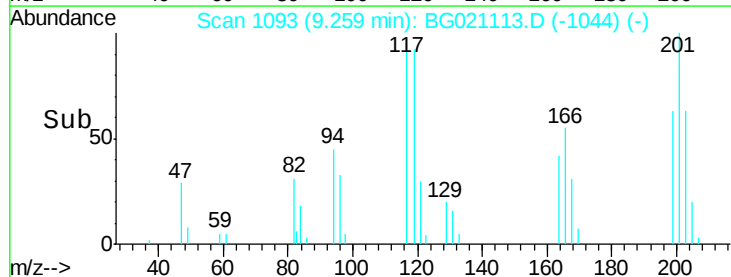
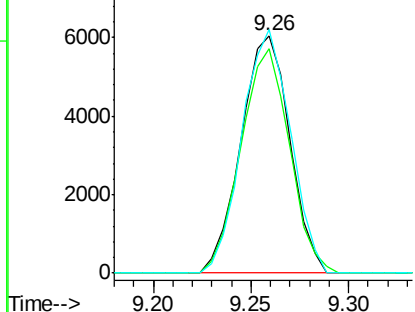


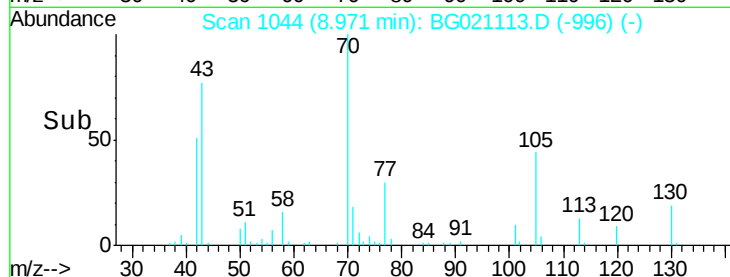
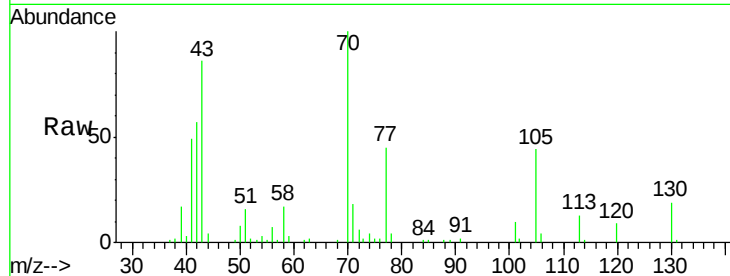
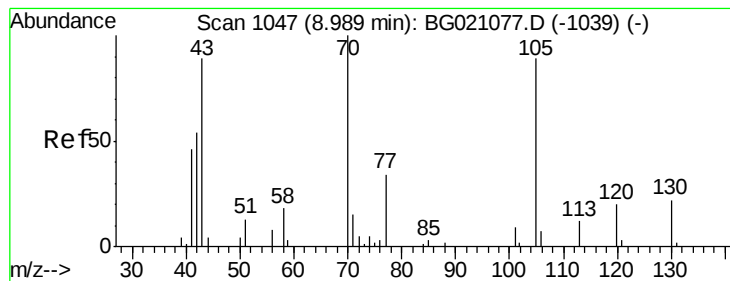
#18
Hexachloroethane
Concen: 48.54 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:117 Resp: 10486
Ion Ratio Lower Upper
117 100
119 94.8 74.5 111.7
201 102.6 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: 56.53 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

Tgt Ion: 70 Resp: 26132

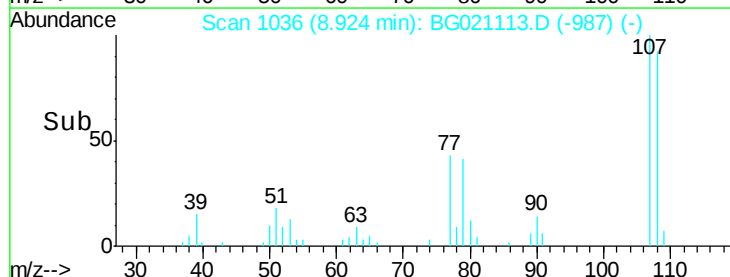
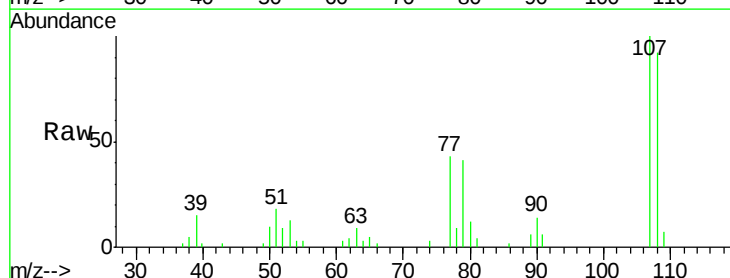
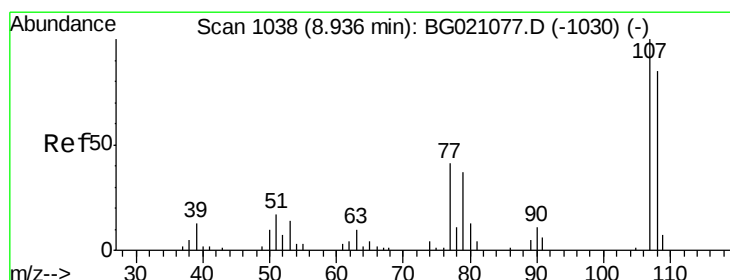
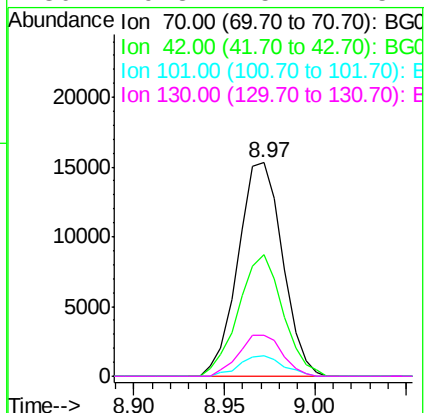
Ion Ratio Lower Upper

70 100

42 57.1 48.8 73.2

101 9.9 8.5 12.7

130 19.3 15.4 23.2



#20

3+4-Methylphenols

Concen: 28.60 ng

RT: 8.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion: 107 Resp: 17182

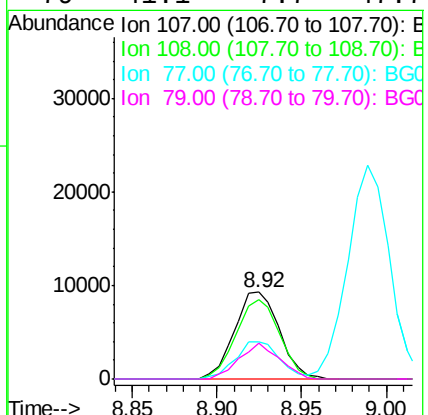
Ion Ratio Lower Upper

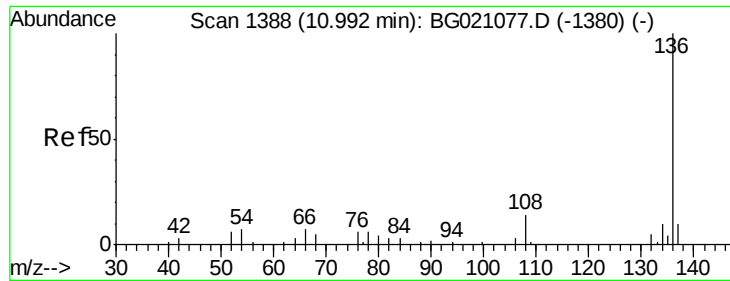
107 100

108 91.9 67.6 107.6

77 42.7 14.4 54.4

79 41.1 7.7 47.7

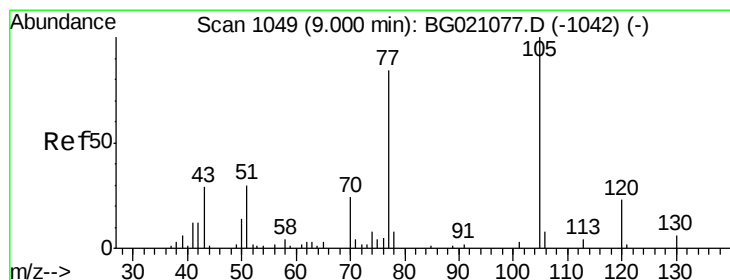
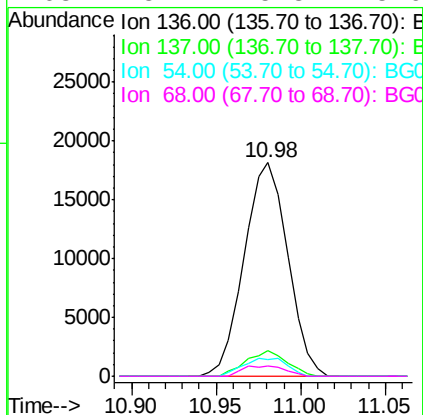
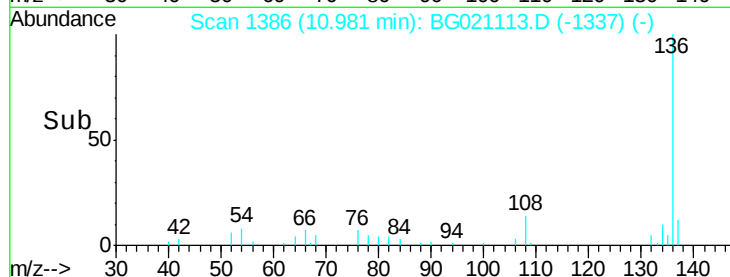
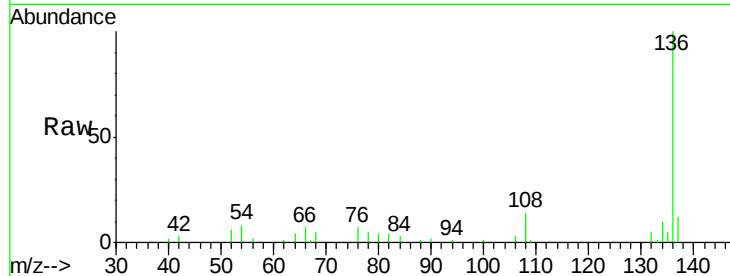




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

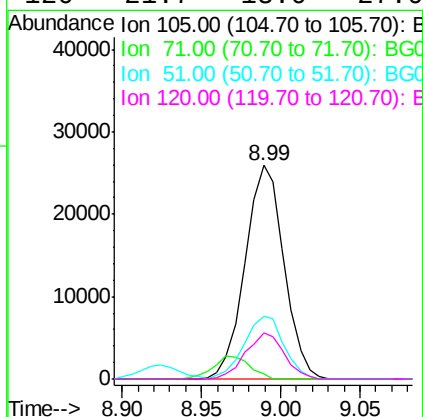
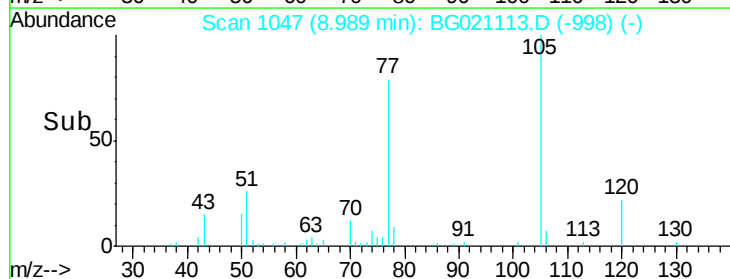
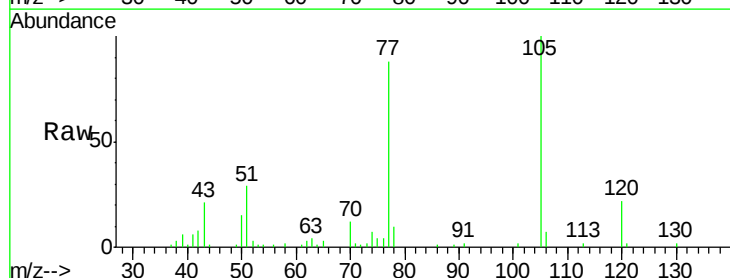
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

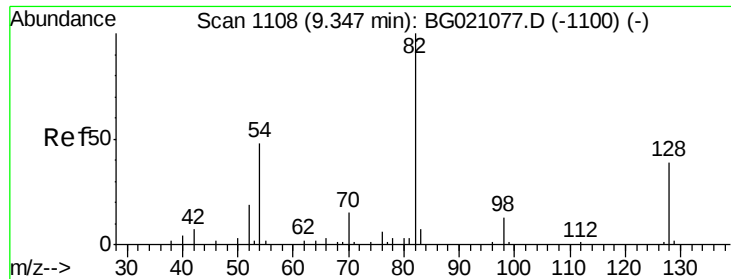
Tgt Ion:	136	Resp:	32528
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	7.6	6.9	10.3
68	5.1	5.8	8.6#



#22
Acetophenone
Concen: 49.07 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:	105	Resp:	44060
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.0	0.0#
51	29.4	21.4	32.2
120	21.7	18.0	27.0

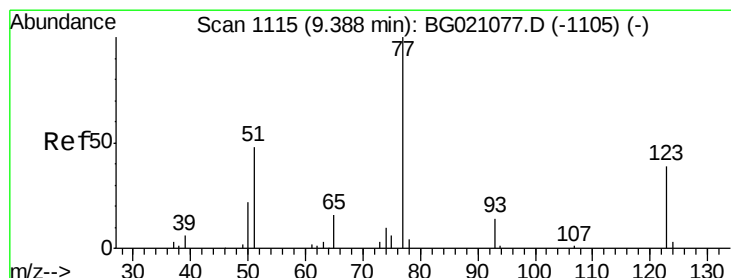
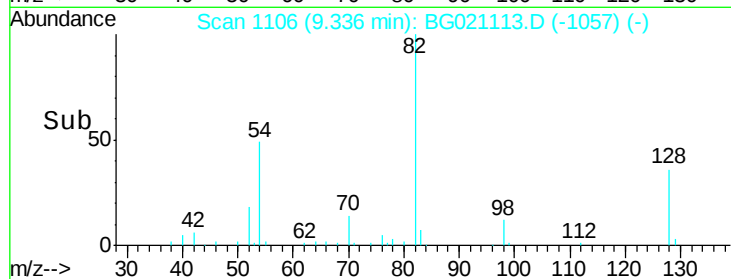
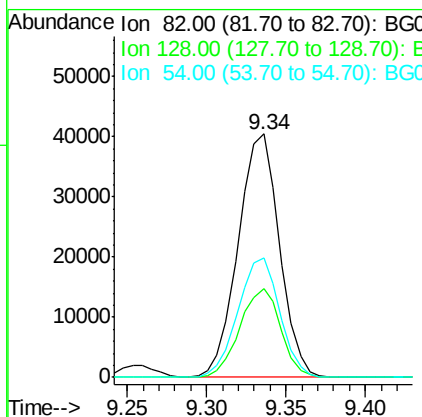
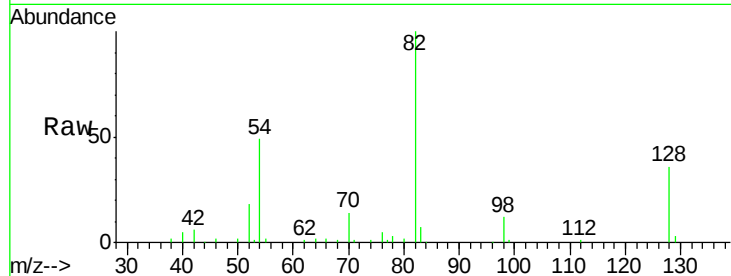




#23
 Nitrobenzene-d5
 Concen: 107.11 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

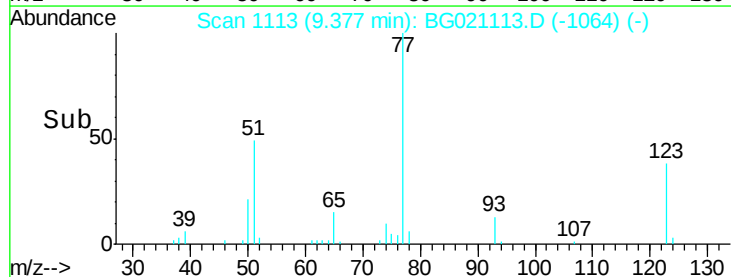
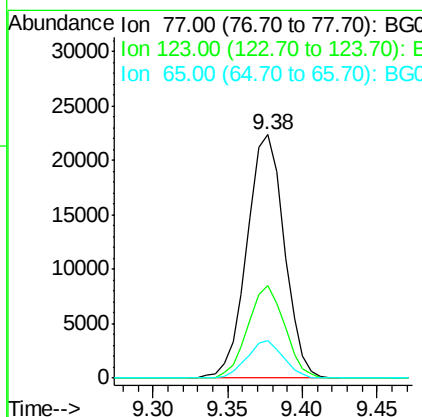
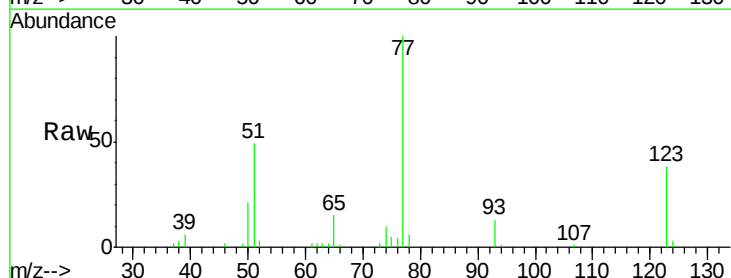
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

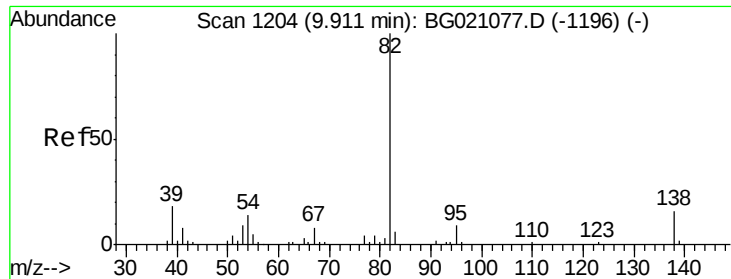
Tgt Ion: 82 Resp: 73126
 Ion Ratio Lower Upper
 82 100
 128 36.3 36.3 54.5#
 54 48.8 37.6 56.4



#24
 Nitrobenzene
 Concen: 54.88 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion: 77 Resp: 38703
 Ion Ratio Lower Upper
 77 100
 123 38.1 35.8 53.6
 65 15.2 10.6 16.0





#25

Isophorone

Concen: 54.95 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

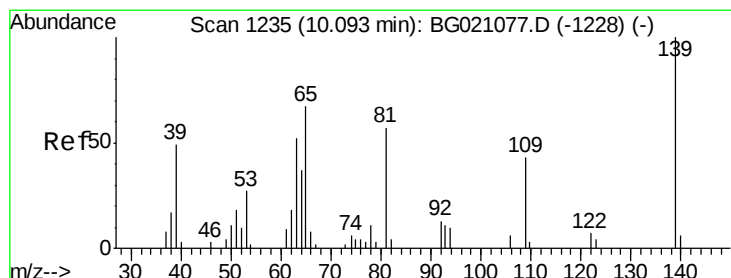
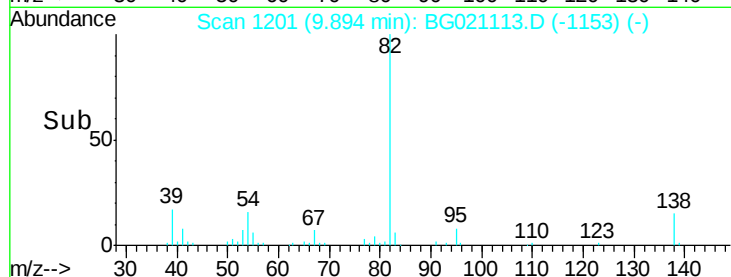
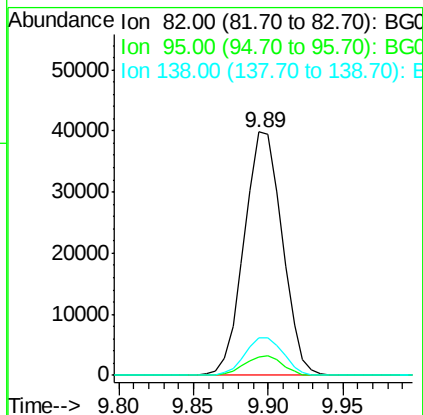
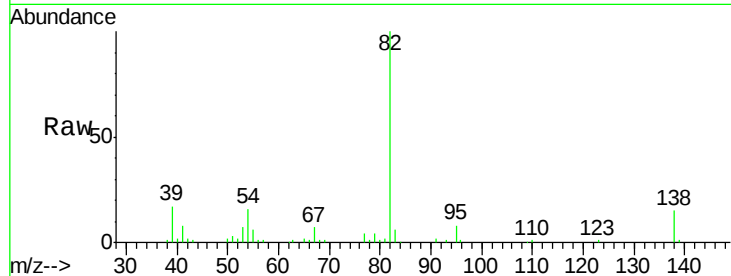
Tgt Ion: 82 Resp: 70320

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.0

138 15.2 13.4 20.0



#26

2-Nitrophenol

Concen: 47.40 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

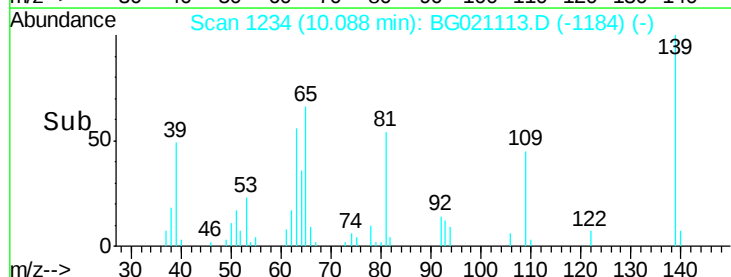
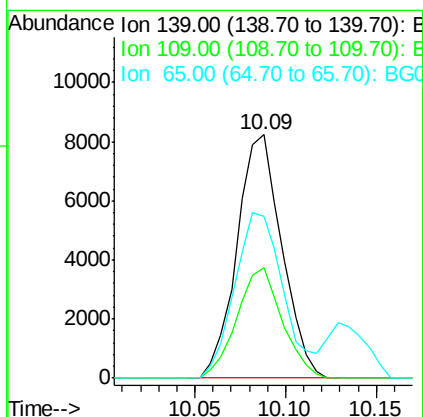
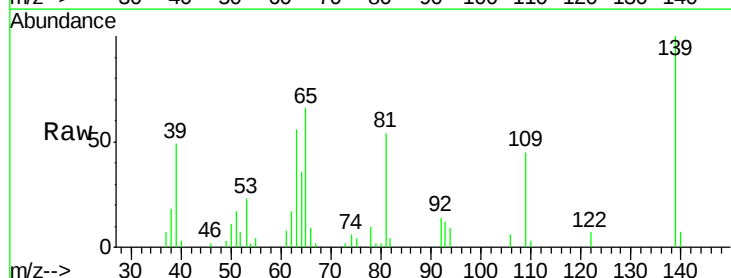
Tgt Ion: 139 Resp: 14133

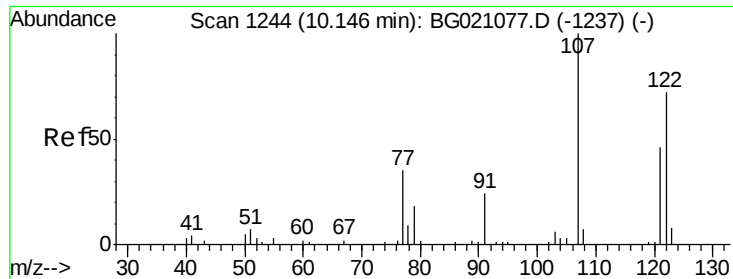
Ion Ratio Lower Upper

139 100

109 45.4 21.4 32.0#

65 66.5 37.8 56.8#

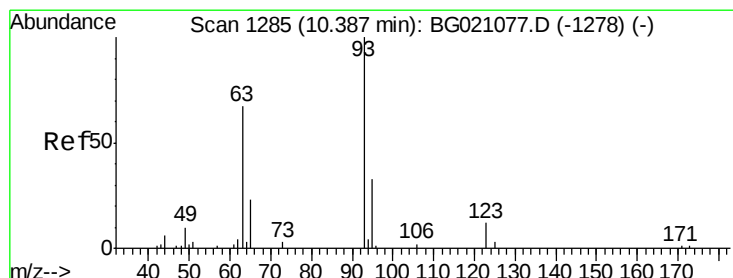
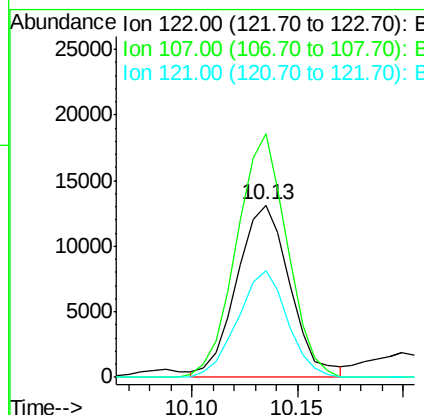
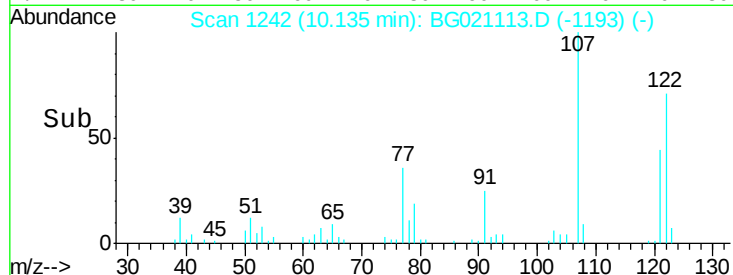
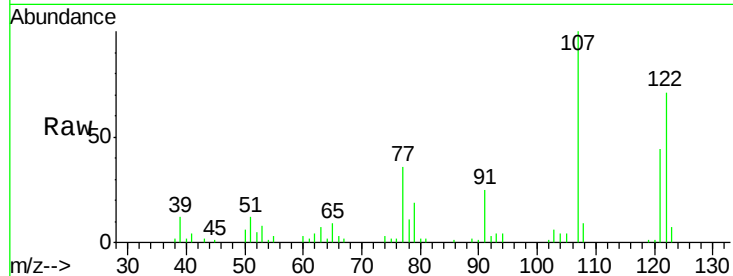




#27
 2,4-Dimethylphenol
 Concen: 43.72 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

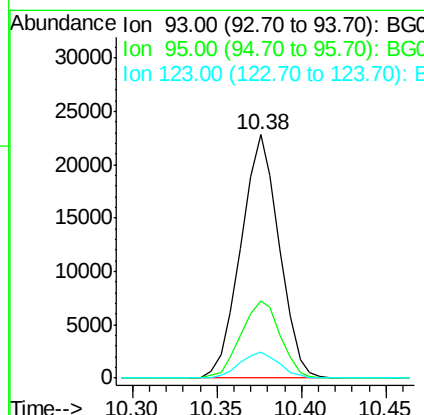
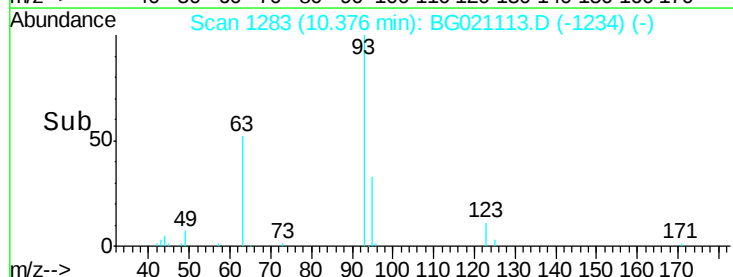
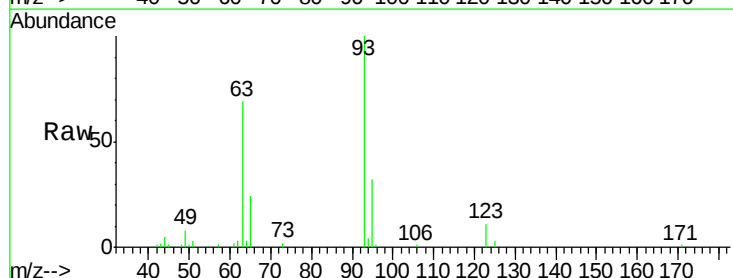
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

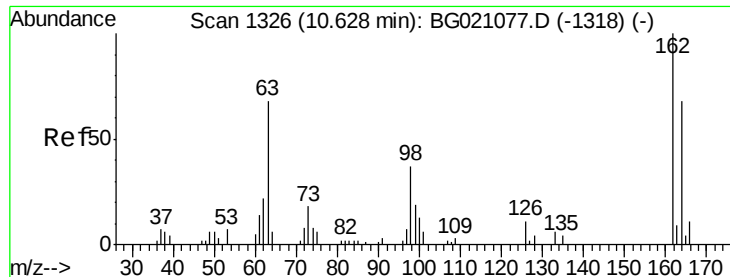
Tgt Ion: 122 Resp: 22994
 Ion Ratio Lower Upper
 122 100
 107 141.5 94.1 141.1#
 121 61.9 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.64 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion: 93 Resp: 35943
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.2 36.2
 123 10.5 9.0 13.6

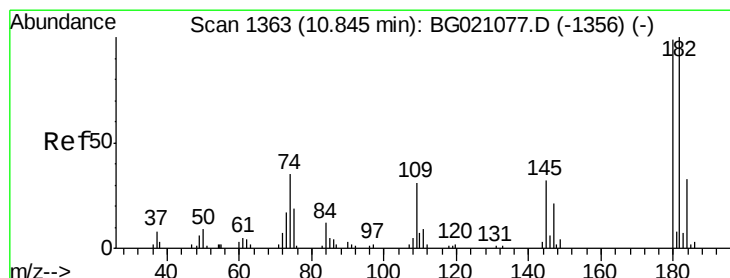
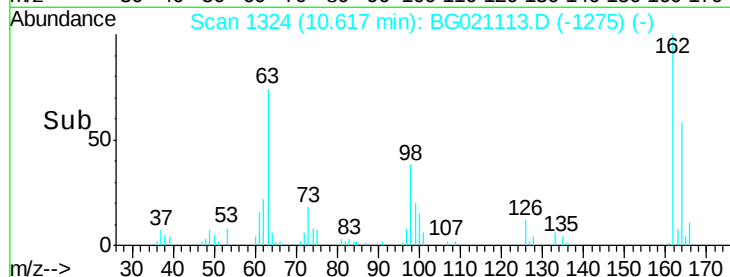
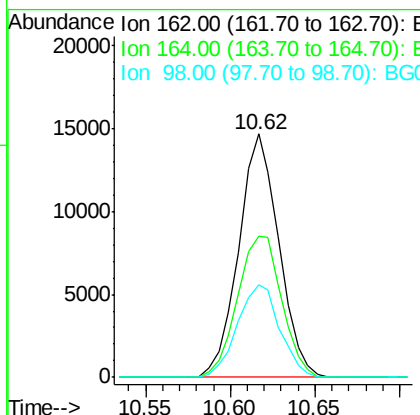
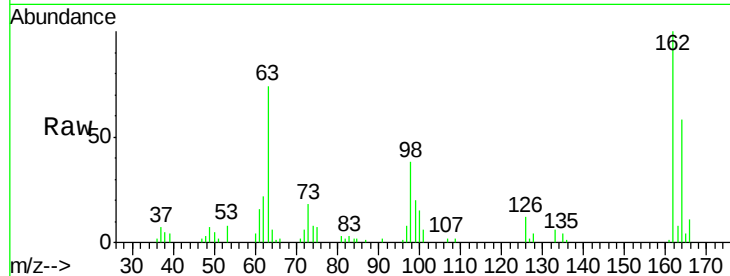




#29
 2,4-Dichlorophenol
 Concen: 46.99 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

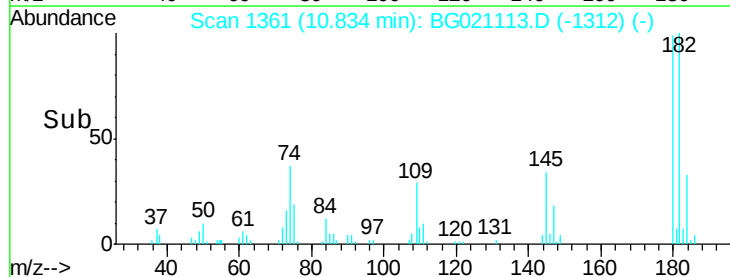
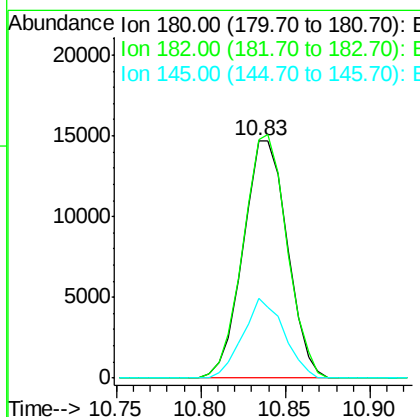
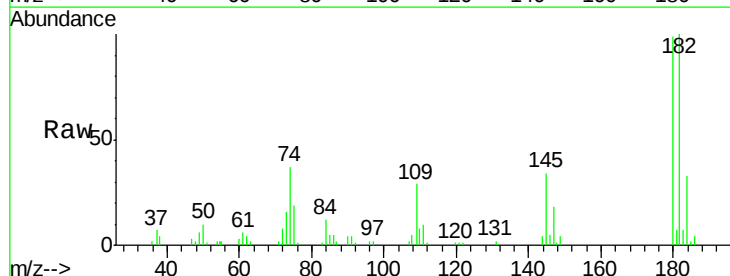
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

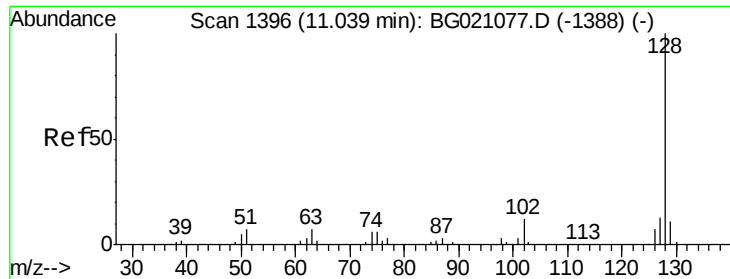
Tgt Ion:162 Resp: 24196
 Ion Ratio Lower Upper
 162 100
 164 58.0 43.7 83.7
 98 37.9 18.3 58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.80 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:180 Resp: 26728
 Ion Ratio Lower Upper
 180 100
 182 100.7 77.4 116.0
 145 33.9 25.7 38.5

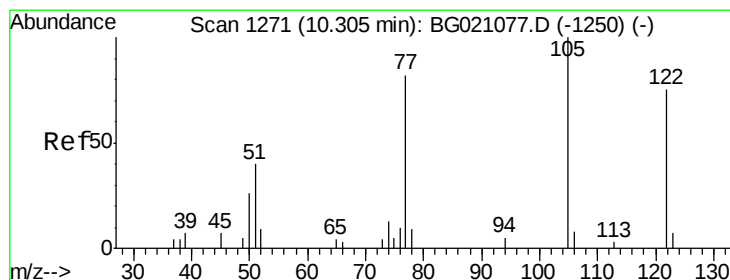
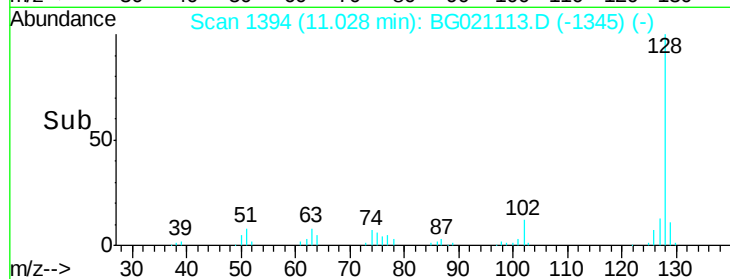
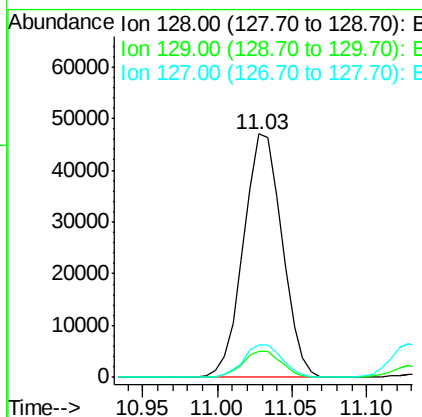
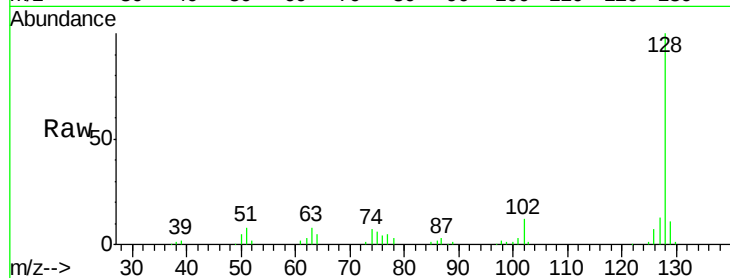




#31
Naphthalene
Concen: 50.49 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

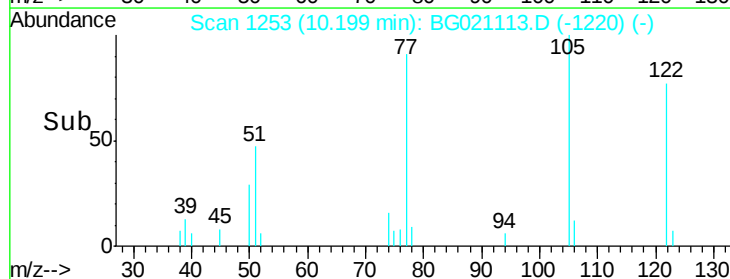
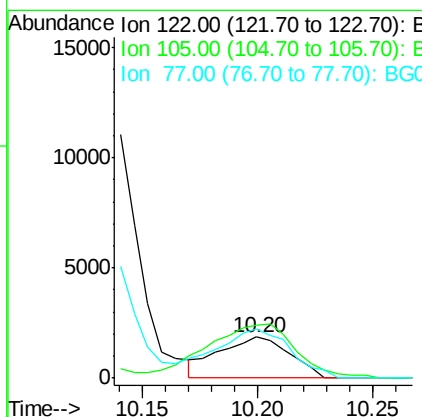
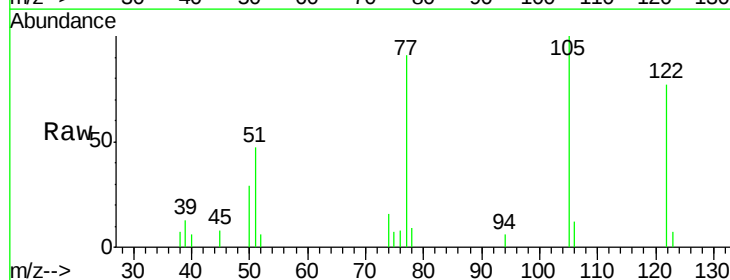
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

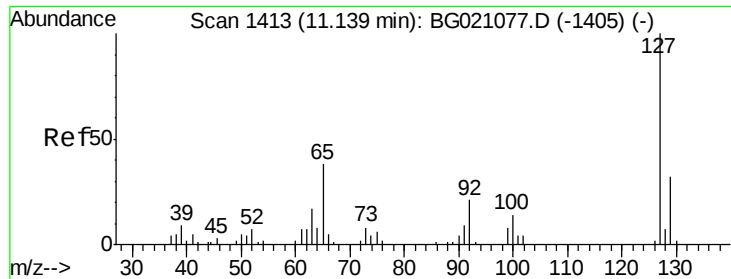
Tgt Ion:128 Resp: 84366
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 8.20 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.11 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:122 Resp: 3962
Ion Ratio Lower Upper
122 100
105 130.2 98.7 138.7
77 118.5 84.5 124.5

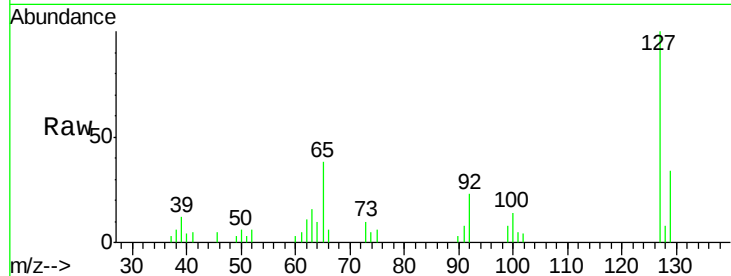




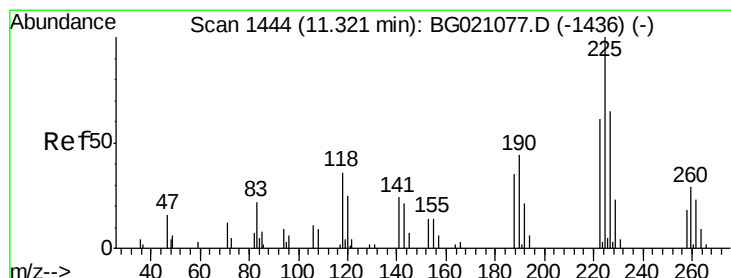
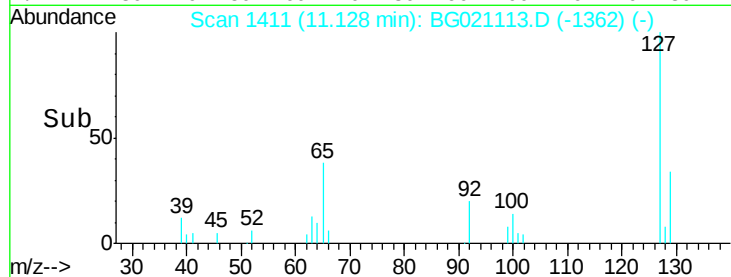
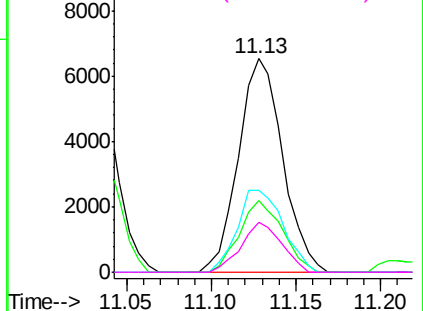
#33
4-Chloroaniline
Concen: 16.99 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tgt Ion:	127	Resp:	11854
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	38.1	22.9	34.3#
92	23.1	15.0	22.6#

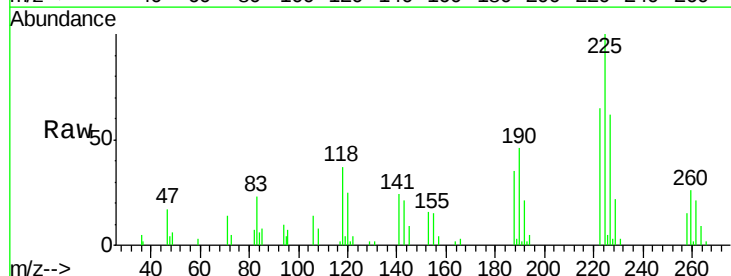


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

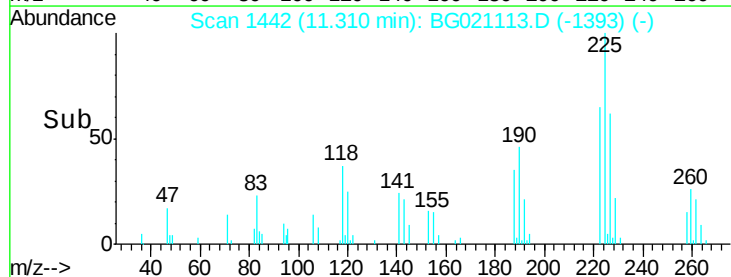
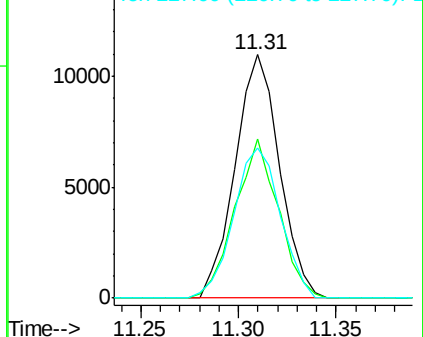


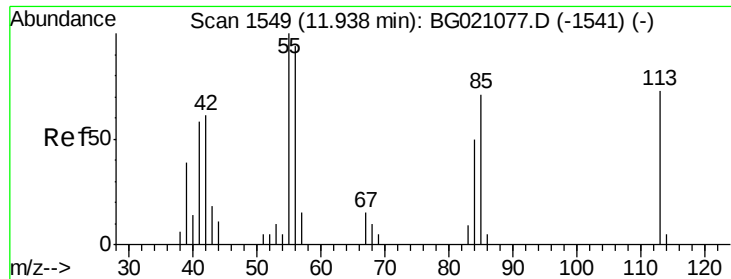
#34
Hexachlorobutadiene
Concen: 44.22 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:	225	Resp:	17266
Ion	Ratio	Lower	Upper
225	100		
223	62.5	54.6	82.0
227	61.7	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

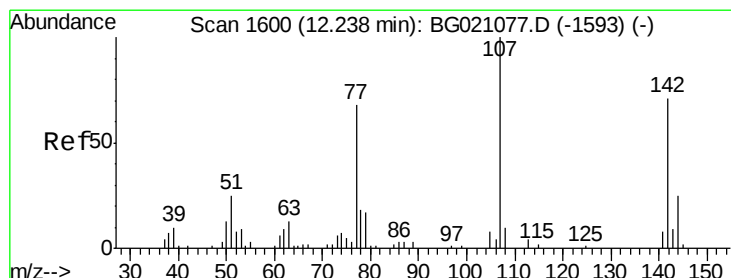
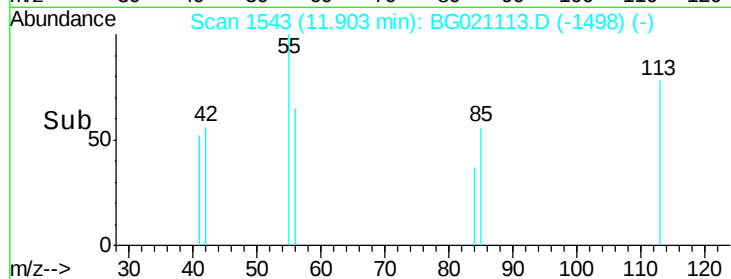
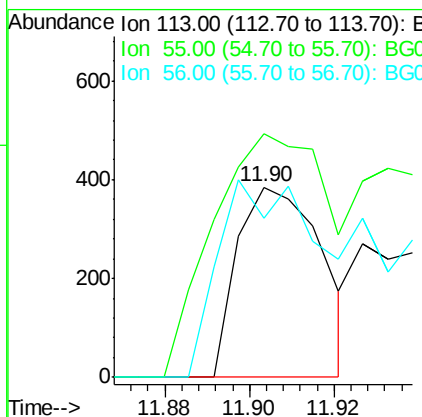
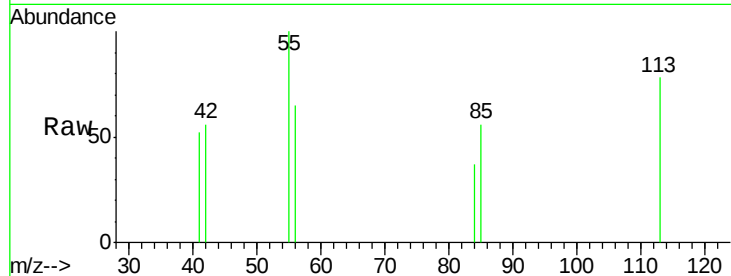




#35
 Caprolactam
 Concen: 3.06 ng
 RT: 11.90 min Scan# 1543
 Delta R.T. -0.03 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

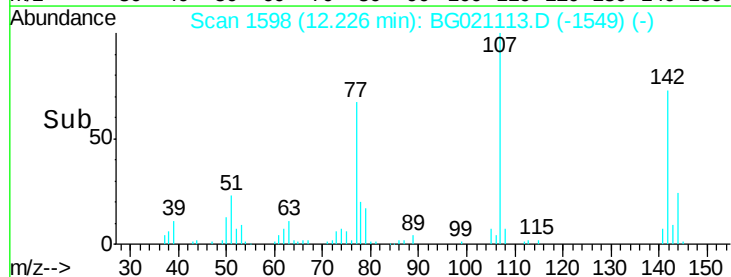
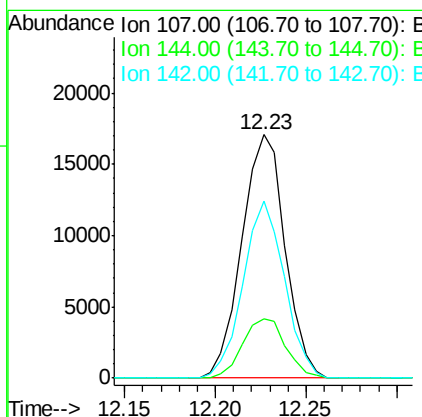
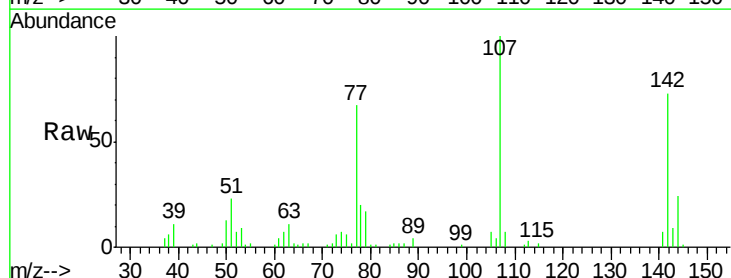
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

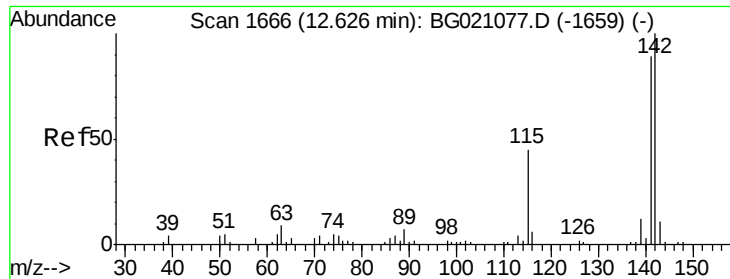
Tgt Ion:113 Resp: 533
 Ion Ratio Lower Upper
 113 100
 55 128.1 155.2 195.2#
 56 83.4 94.0 134.0#



#36
 4-Chloro-3-methylphenol
 Concen: 45.08 ng
 RT: 12.23 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:107 Resp: 28455
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.8 32.8
 142 72.6 65.6 98.4

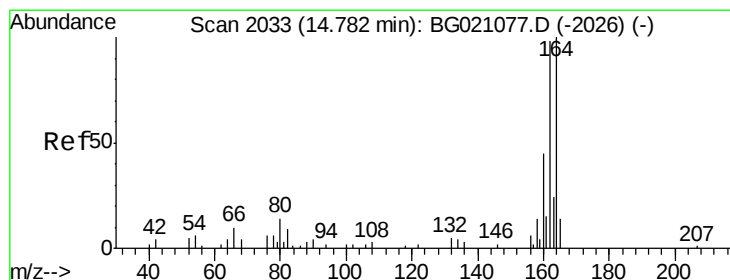
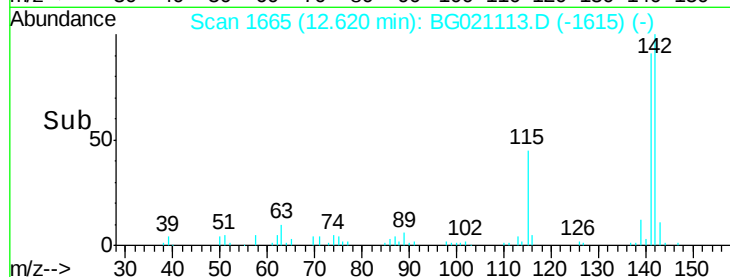
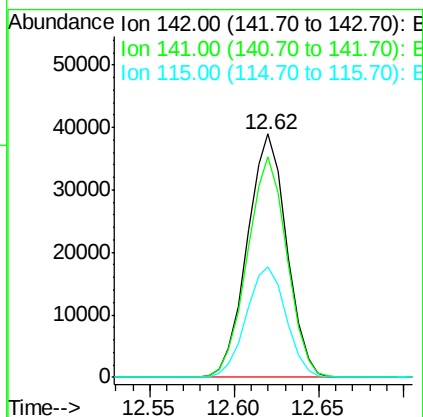
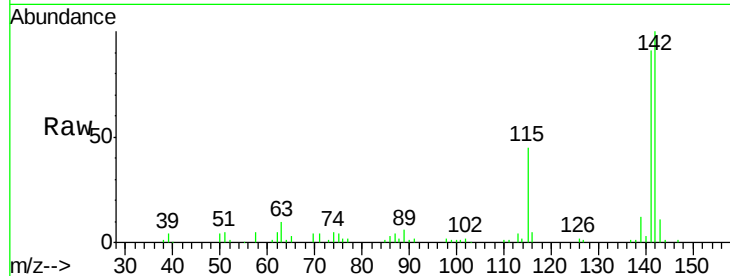




#37
2-Methylnaphthalene
Concen: 53.69 ng
RT: 12.62 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

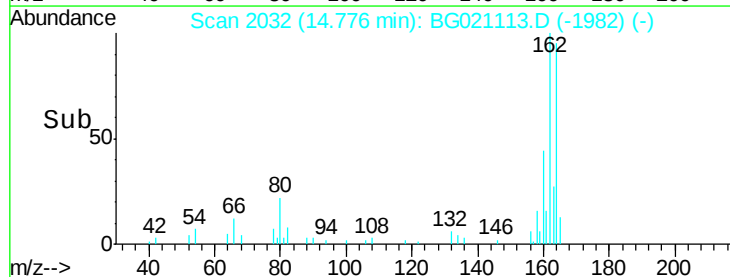
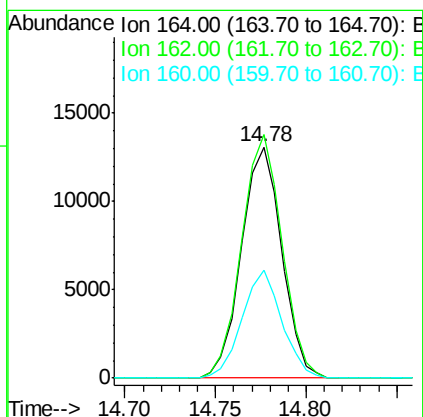
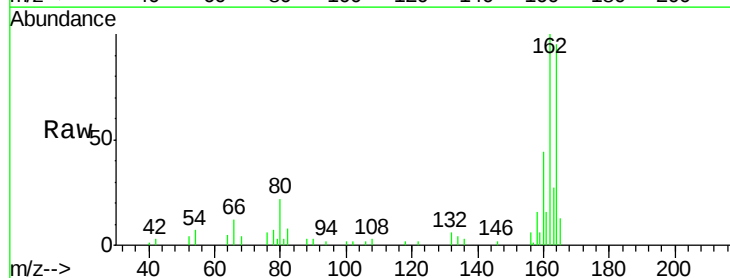
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

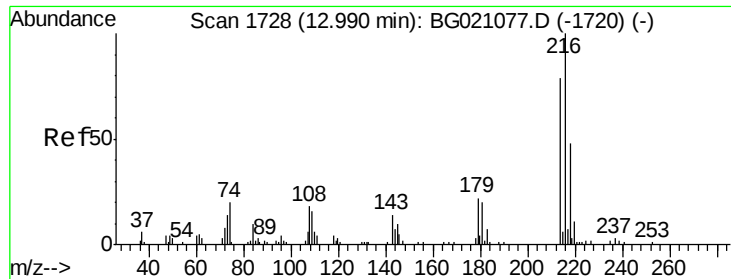
Tgt Ion:142 Resp: 63005
Ion Ratio Lower Upper
142 100
141 90.7 71.7 107.5
115 45.2 26.2 39.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:164 Resp: 20232
Ion Ratio Lower Upper
164 100
162 105.4 80.6 120.8
160 46.8 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.63 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

Tgt Ion:216 Resp: 34115

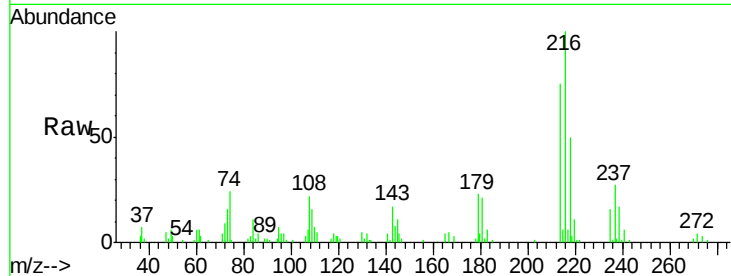
Ion Ratio Lower Upper

216 100

214 77.6 63.5 95.3

179 21.7 17.4 26.0

108 25.9 16.8 25.2#

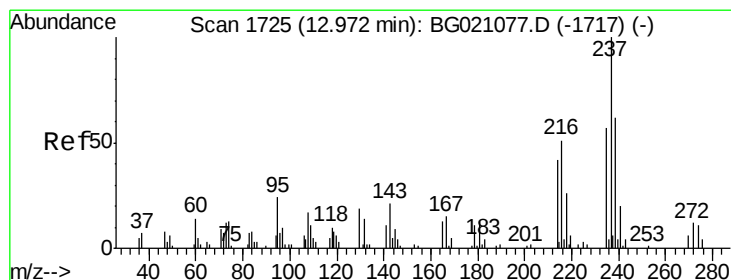
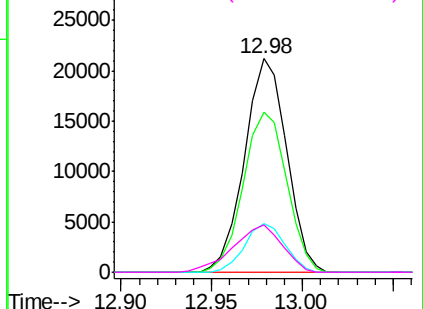
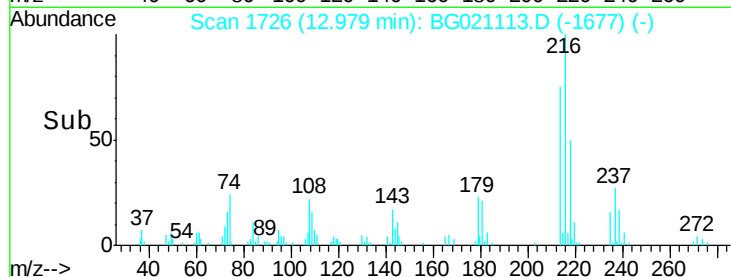


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.76 ng

RT: 12.96 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

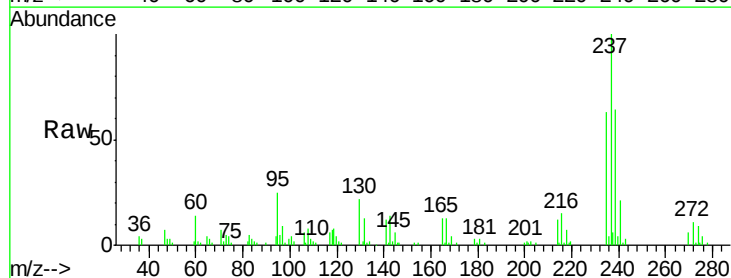
Tgt Ion:237 Resp: 47573

Ion Ratio Lower Upper

237 100

235 63.0 42.9 82.9

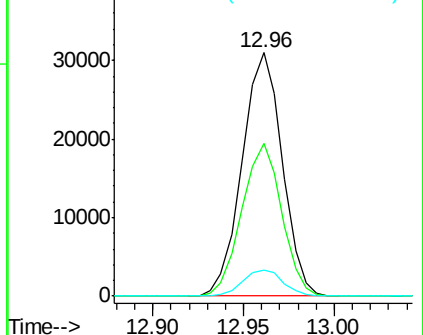
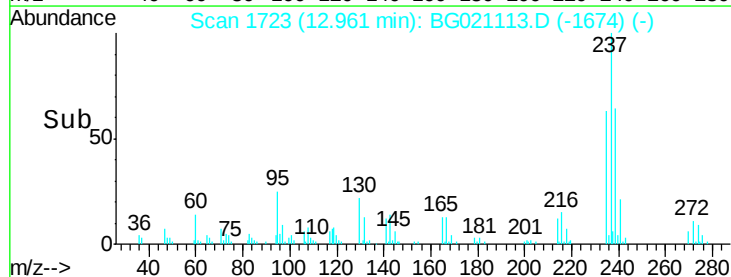
272 10.7 0.0 32.3

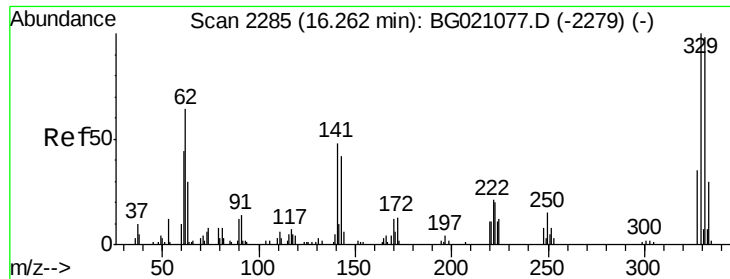


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

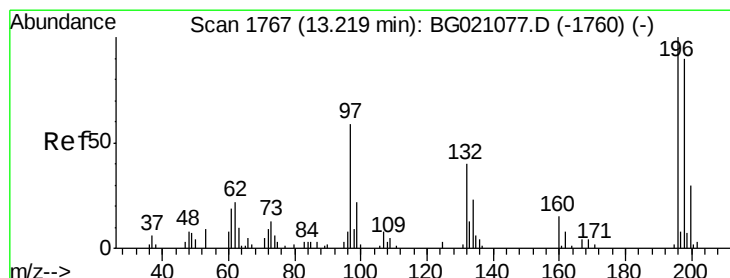
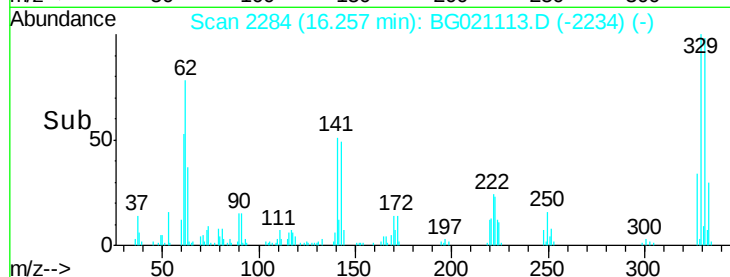
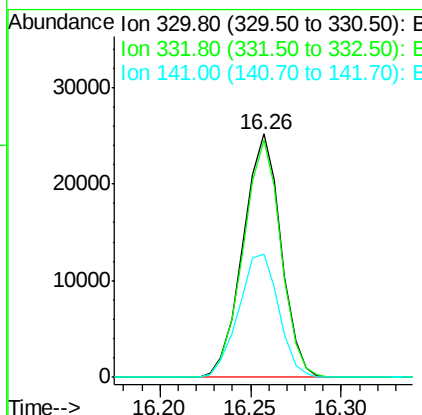
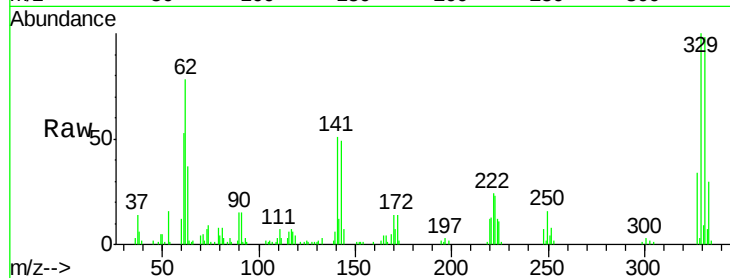




#41
 2,4,6-Tribromophenol
 Concen: 137.80 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

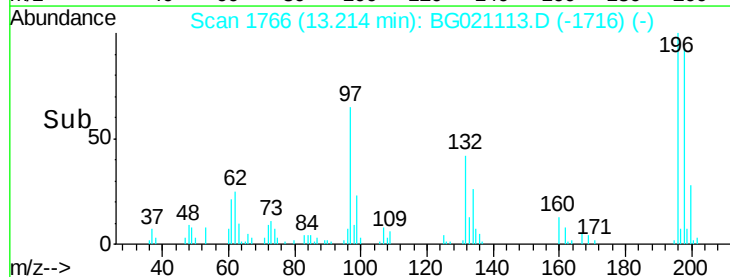
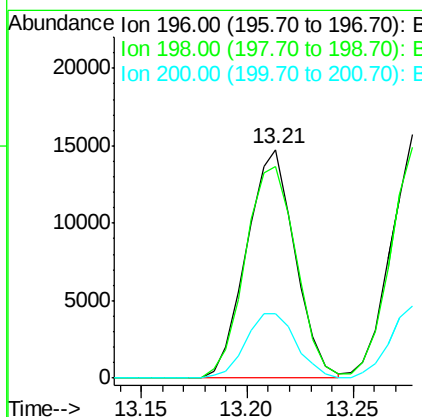
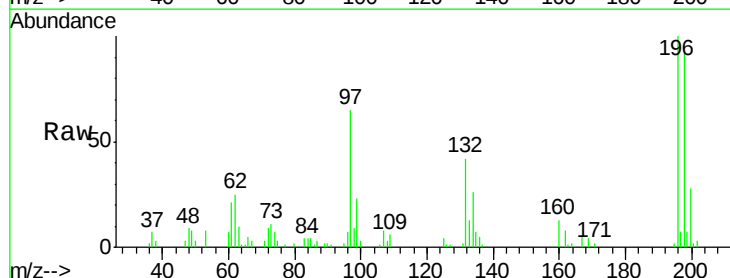
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

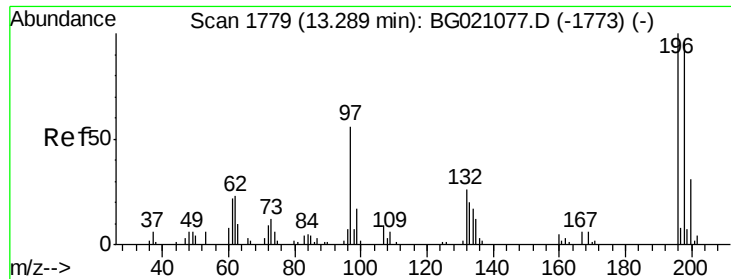
Tgt Ion:330 Resp: 36552
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 53.4 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 50.09 ng
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:196 Resp: 23484
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.8 113.8
 200 30.7 23.8 35.8

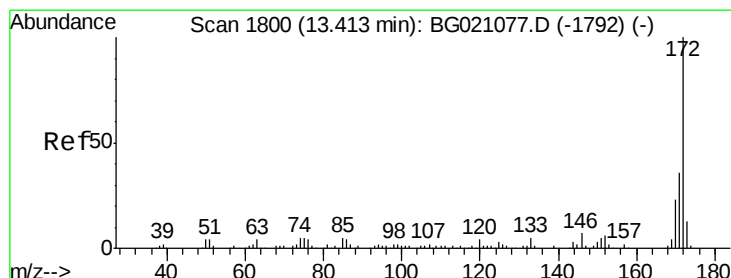
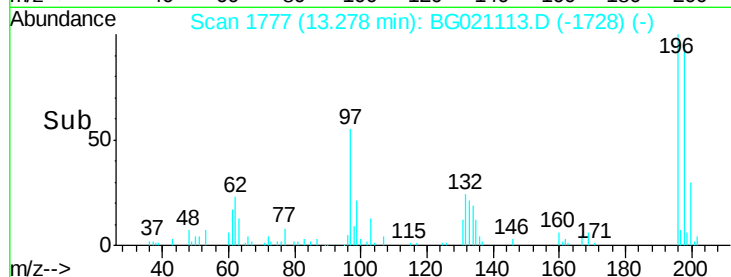
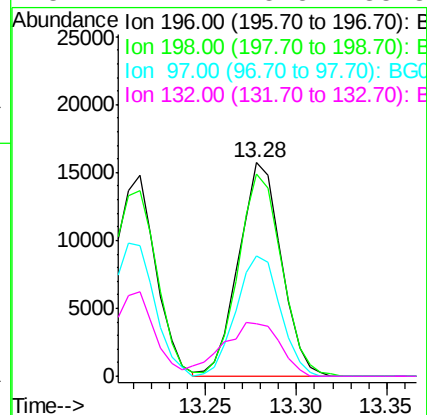
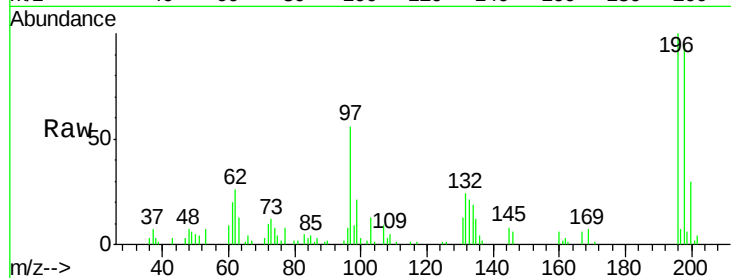




#43
 2,4,5-Trichlorophenol
 Concen: 53.20 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

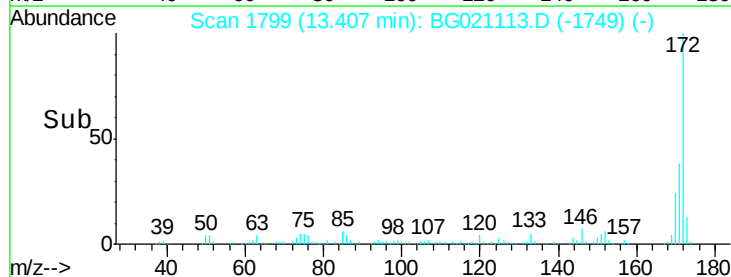
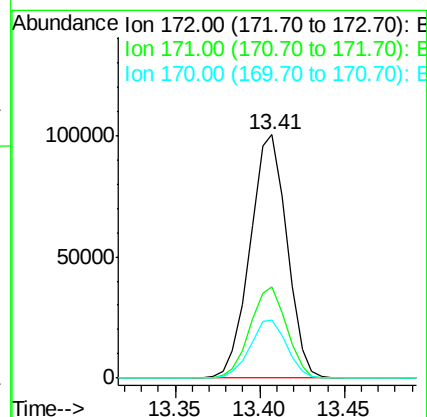
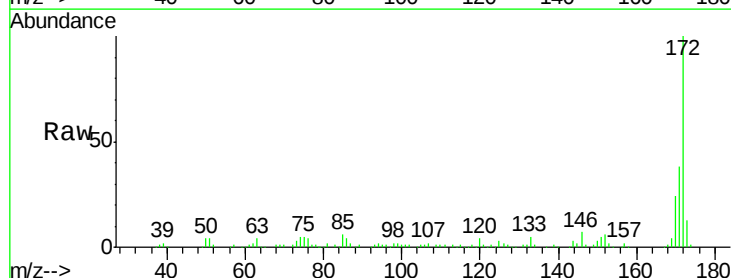
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

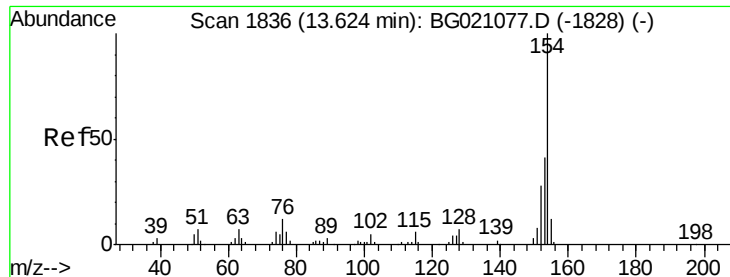
Tgt Ion:196 Resp: 25627
 Ion Ratio Lower Upper
 196 100
 198 95.0 80.2 120.4
 97 56.4 42.9 64.3
 132 24.4 25.5 38.3#



#44
 2-Fluorobiphenyl
 Concen: 96.23 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:172 Resp: 152144
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.4 44.0
 170 23.9 19.8 29.8

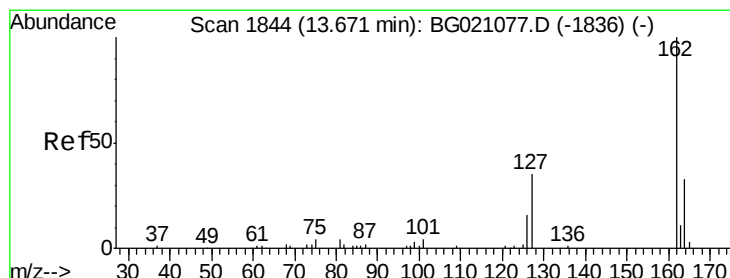
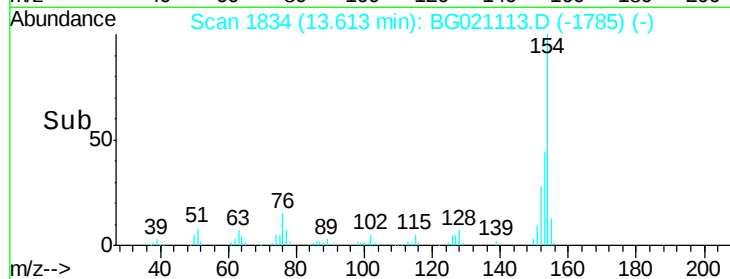
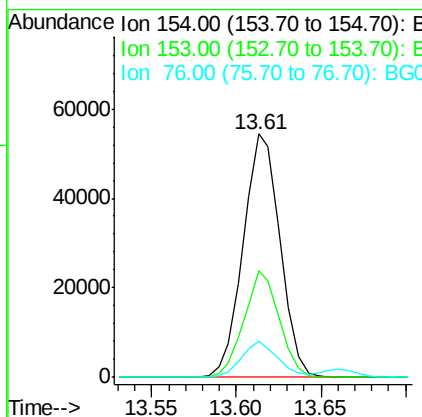
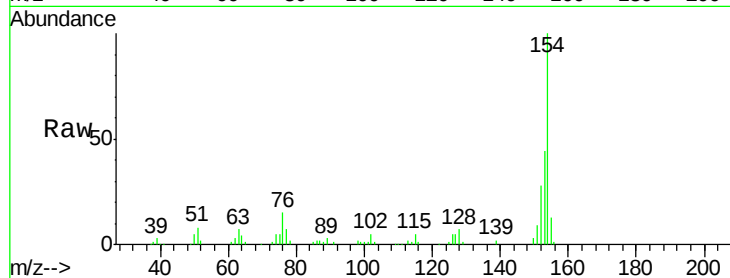




#45
 1,1'-Biphenyl
 Concen: 48.42 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

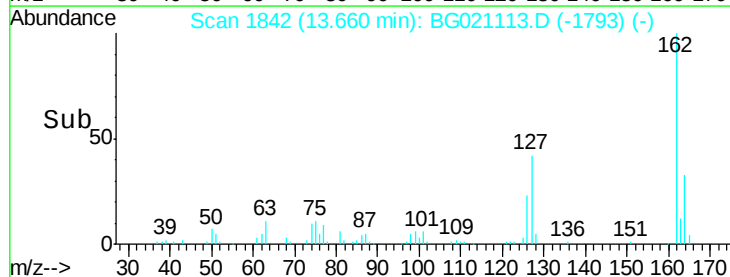
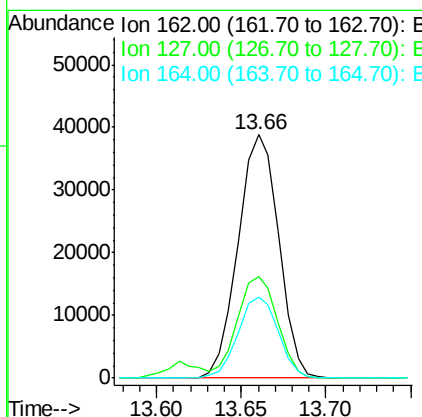
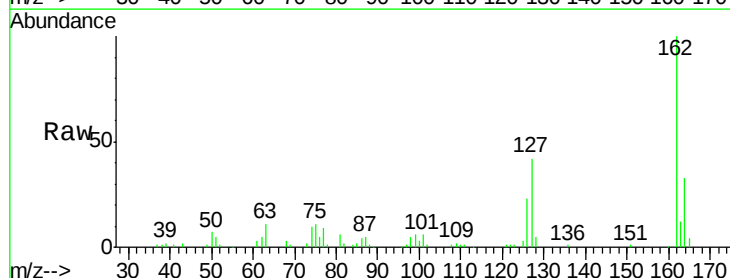
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

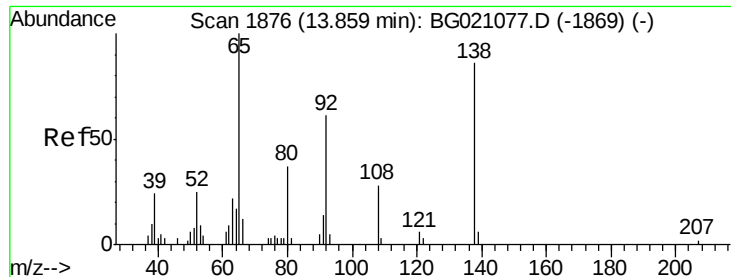
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	19.8	59.8
76	15.0	0.0	33.6



#46
 2-Chloronaphthalene
 Concen: 50.32 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.8	47.8
164	33.2	26.3	39.5





#47

2-Nitroaniline

Concen: 60.11 ng

RT: 13.85 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

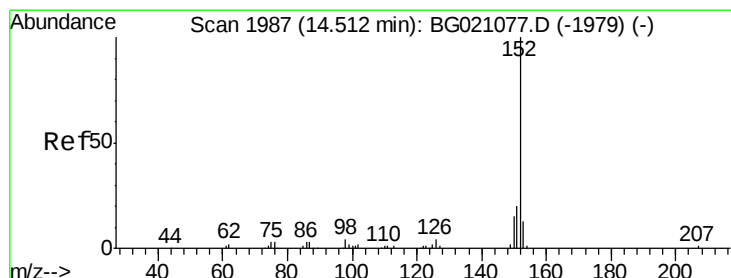
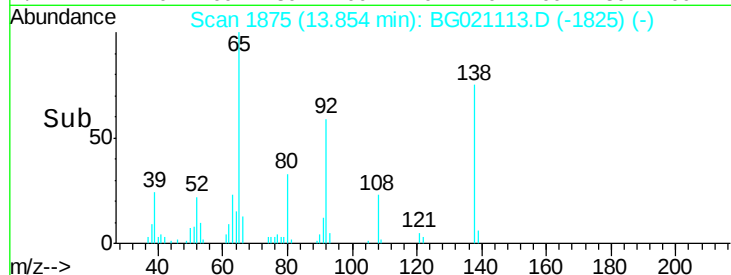
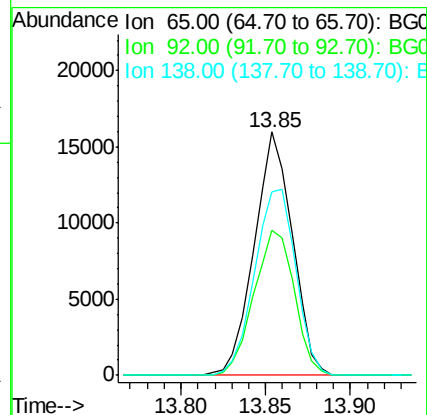
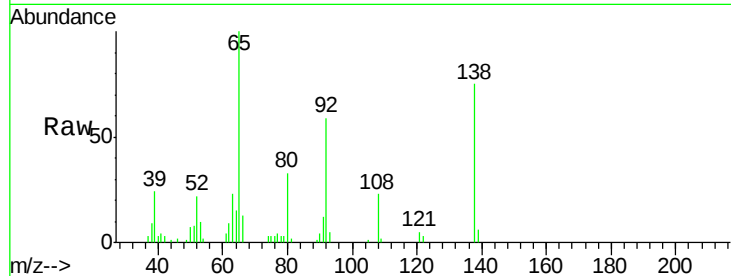
Tgt Ion: 65 Resp: 25178

Ion Ratio Lower Upper

65 100

92 59.3 54.6 82.0

138 75.5 94.9 142.3#



#48

Acenaphthylene

Concen: 50.99 ng

RT: 14.50 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

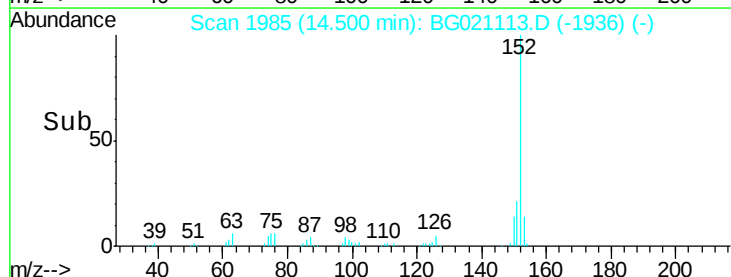
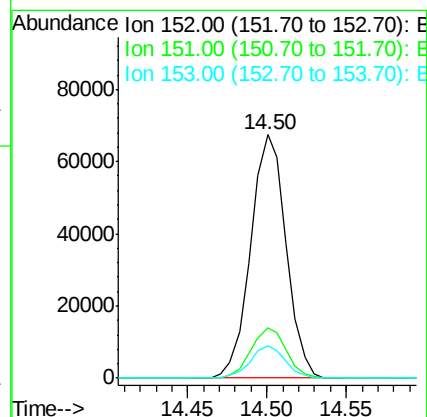
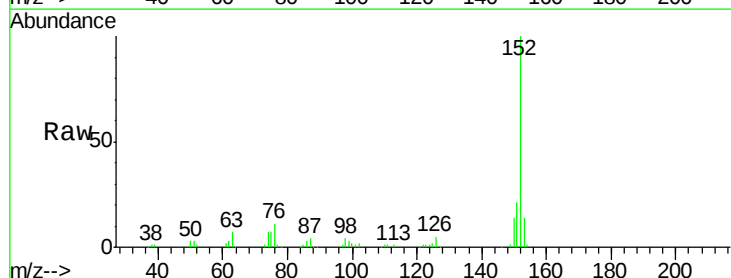
Tgt Ion: 152 Resp: 104289

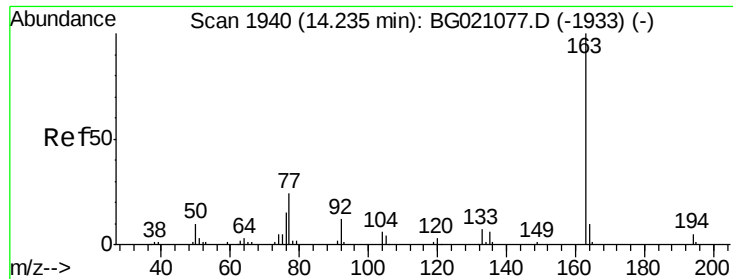
Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.5 10.2 15.2





#49

Dimethylphthalate

Concen: 51.88 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

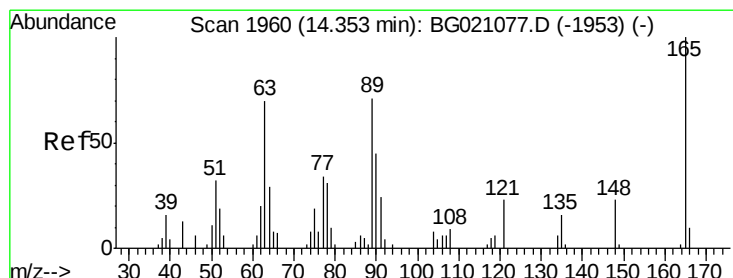
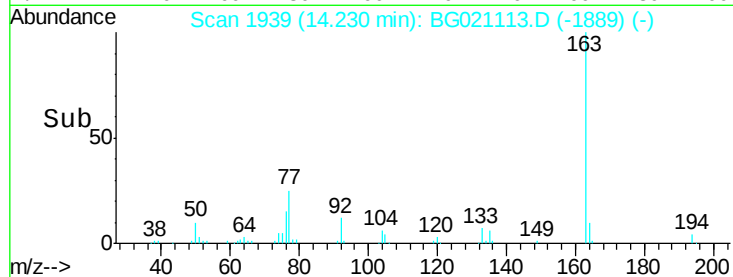
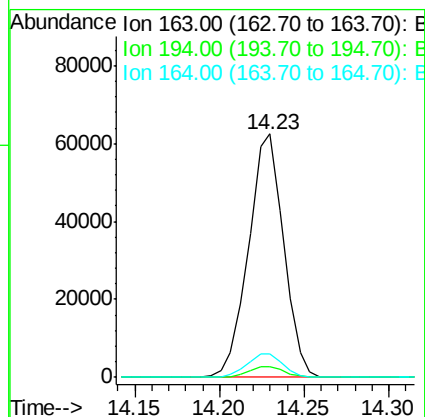
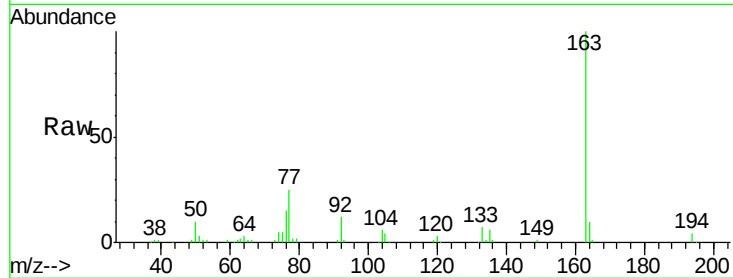
Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

Tgt Ion:	163	Resp:	90466
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.8	4.2#
164	9.5	7.9	11.9



#50

2,6-Dinitrotoluene

Concen: 53.15 ng

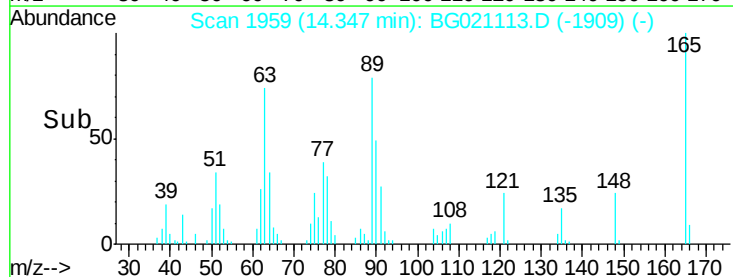
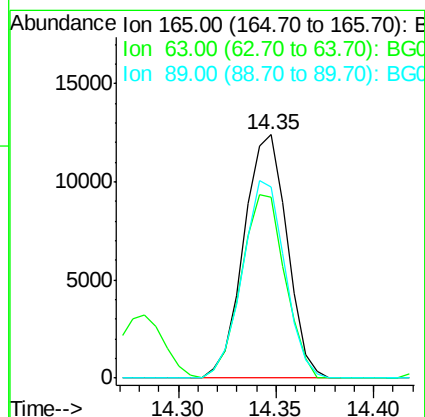
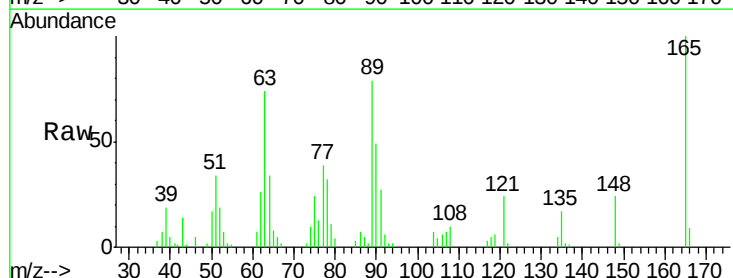
RT: 14.35 min Scan# 1959

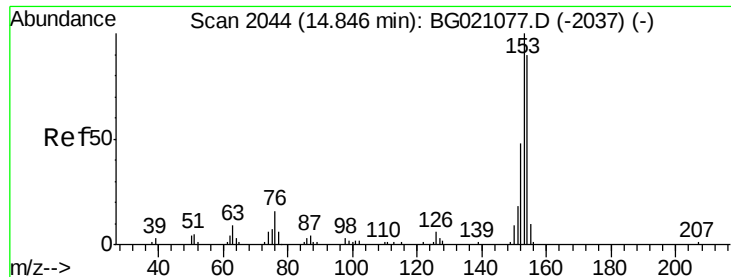
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	165	Resp:	19068
Ion Ratio	Lower	Upper	
165	100		
63	74.3	42.1	63.1#
89	78.5	46.1	69.1#





#51

Acenaphthene

Concen: 47.69 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

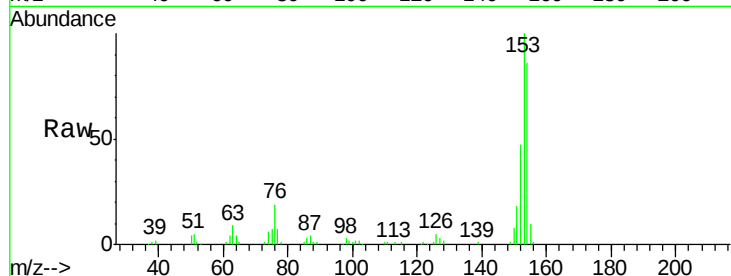
Tgt Ion:154 Resp: 66533

Ion Ratio Lower Upper

154 100

153 115.6 94.2 141.2

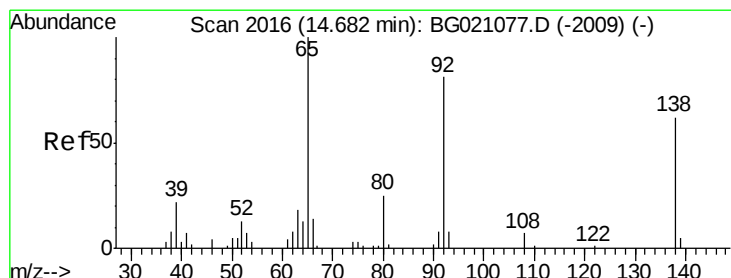
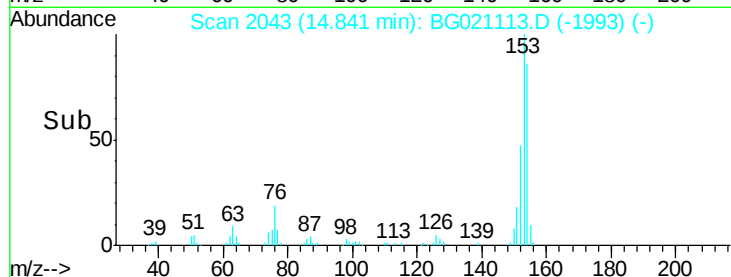
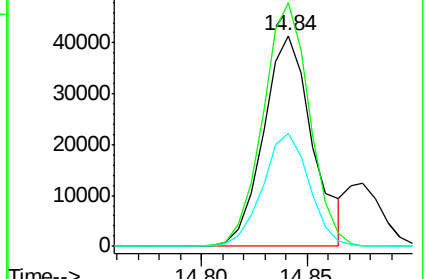
152 53.9 42.9 64.3



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: 23.99 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

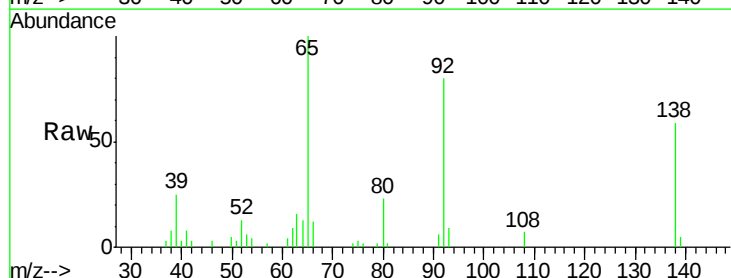
Tgt Ion:138 Resp: 8373

Ion Ratio Lower Upper

138 100

108 11.3 5.8 8.6#

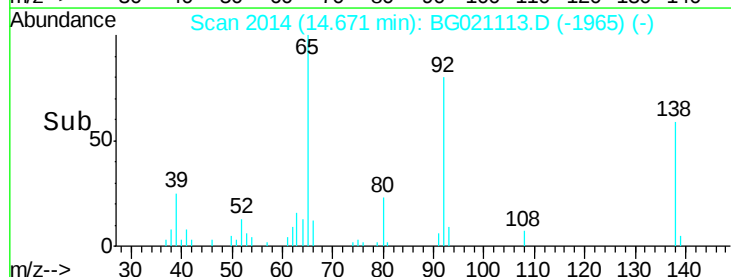
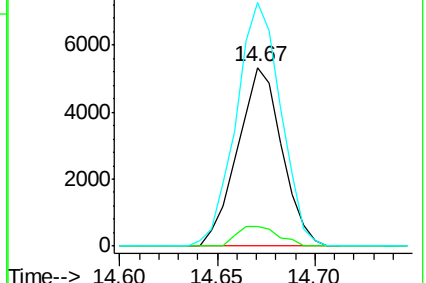
92 136.4 83.6 125.4#

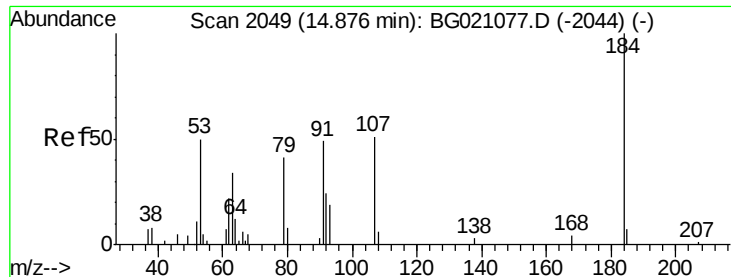


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

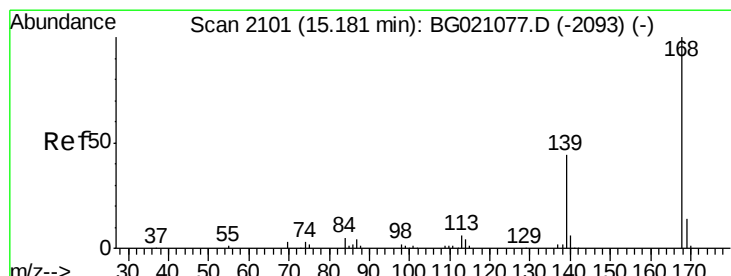
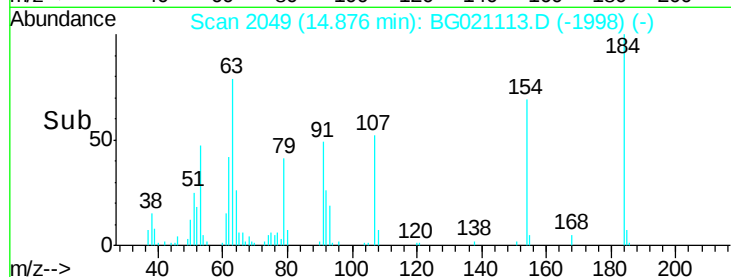
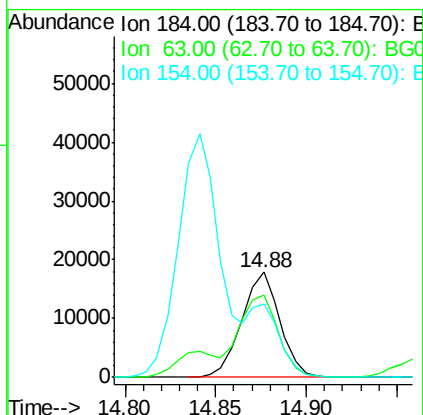
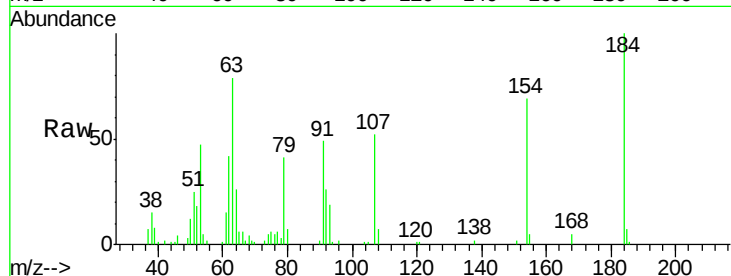




#53
2,4-Dinitrophenol
Concen: 103.72 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

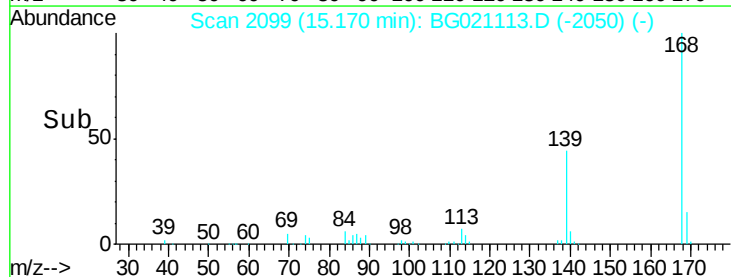
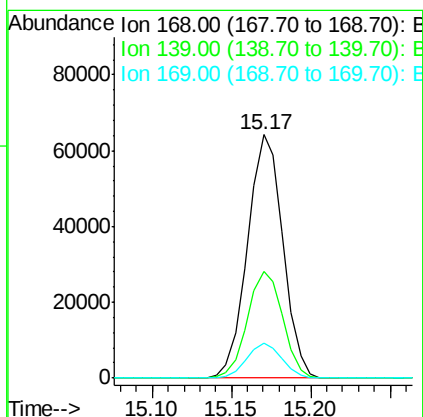
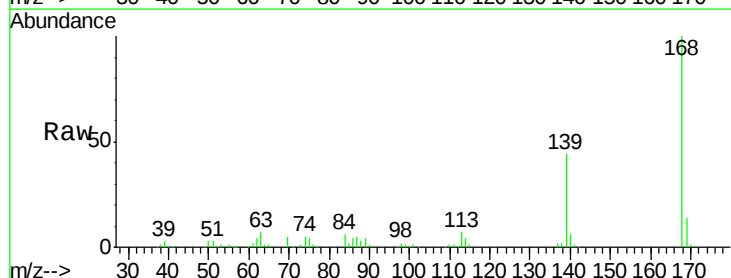
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

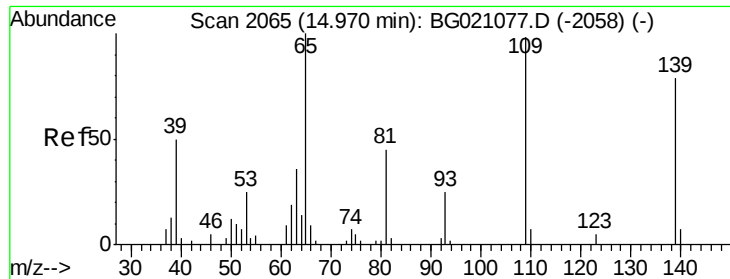
Tgt Ion:184 Resp: 25943
Ion Ratio Lower Upper
184 100
63 78.9 57.0 85.6
154 69.4 51.3 76.9



#54
Dibenzofuran
Concen: 56.31 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:168 Resp: 99514
Ion Ratio Lower Upper
168 100
139 44.0 29.8 44.8
169 14.4 11.4 17.2





#55

4-Nitrophenol

Concen: 30.52 ng

RT: 14.96 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

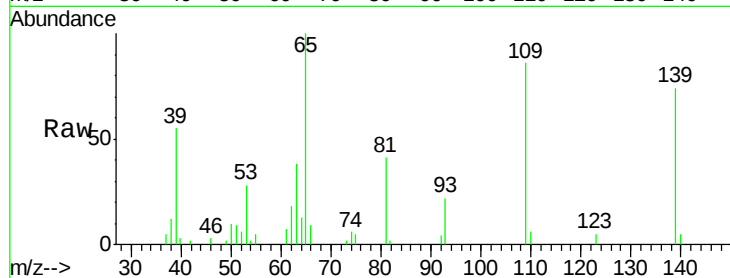
Tgt Ion:139 Resp: 9450

Ion Ratio Lower Upper

139 100

109 117.3 54.1 94.1#

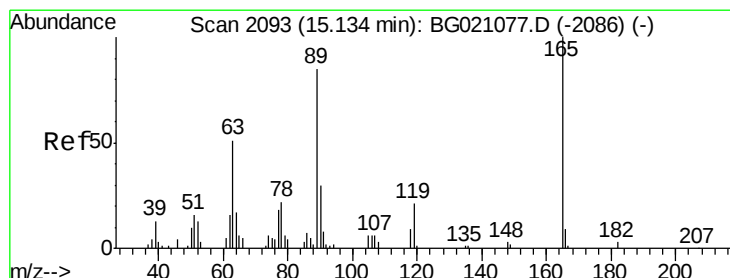
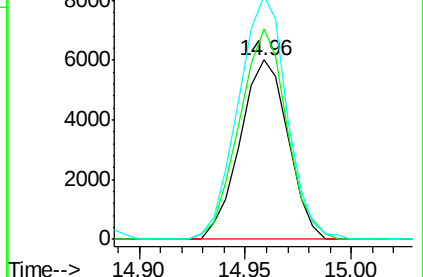
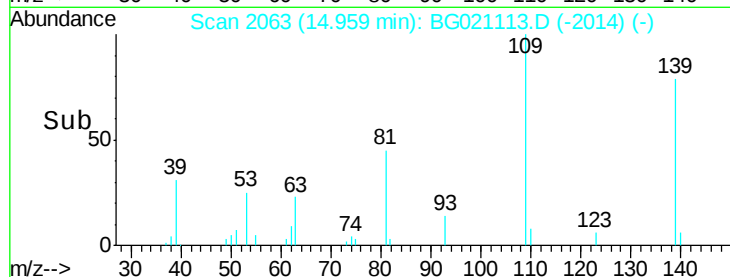
65 135.8 73.4 113.4#



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: 54.24 ng

RT: 15.13 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:165 Resp: 27903

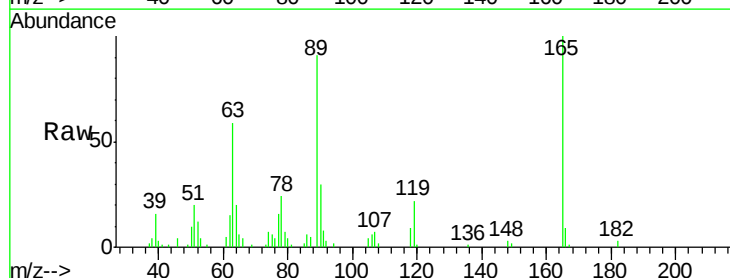
Ion Ratio Lower Upper

165 100

63 59.1 34.1 51.1#

89 91.4 63.0 94.4

182 3.4 1.4 2.2#

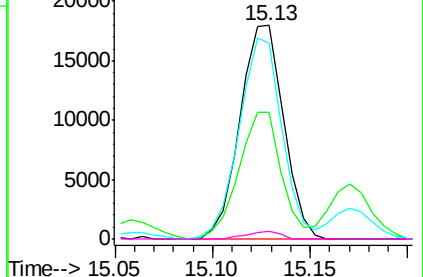
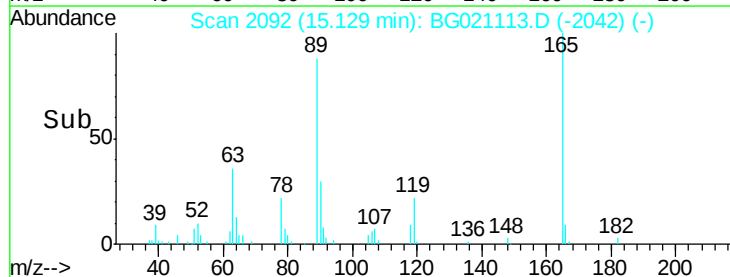


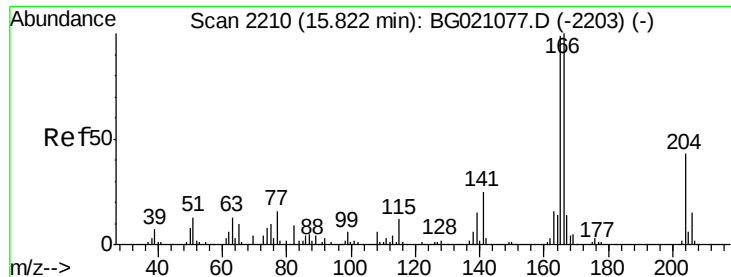
Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.66 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

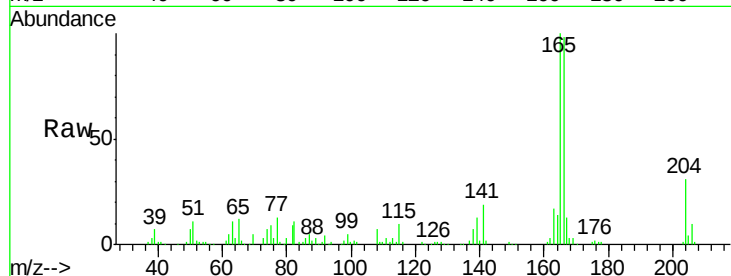
Tgt Ion:166 Resp: 87095

Ion Ratio Lower Upper

166 100

165 101.6 81.3 121.9

167 13.5 10.6 16.0

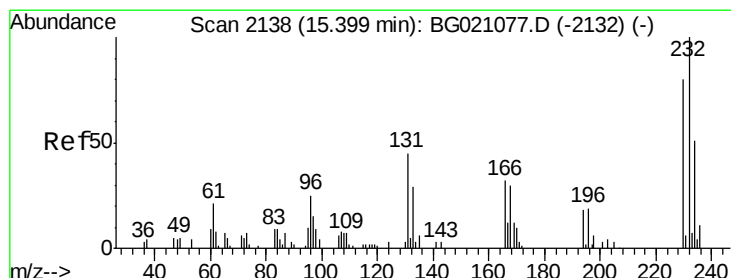
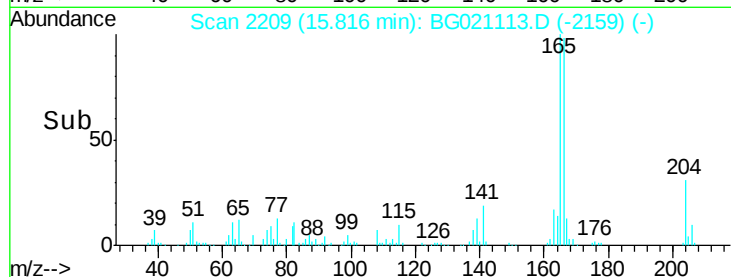
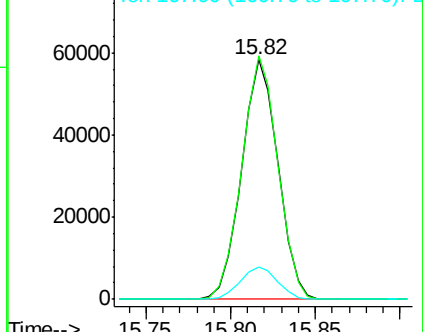


Abundance

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: 55.47 ng

RT: 15.39 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:232 Resp: 23227

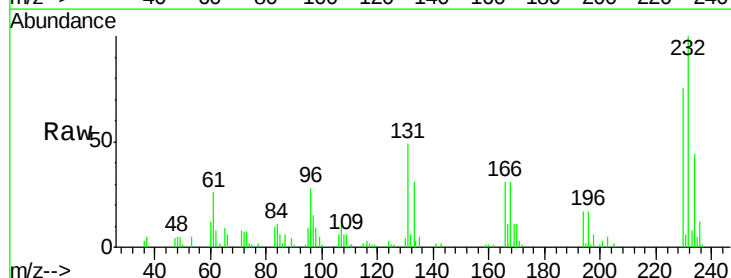
Ion Ratio Lower Upper

232 100

131 52.6 41.4 62.2

130 2.9 1.8 2.8#

166 31.7 26.6 39.8



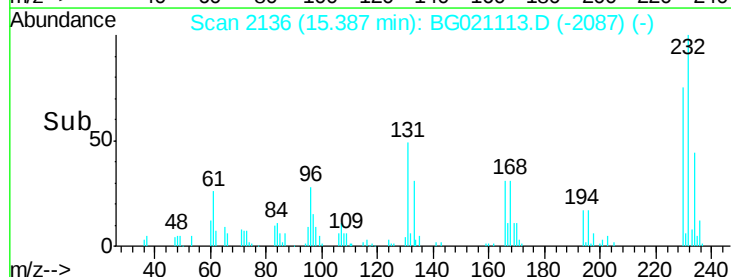
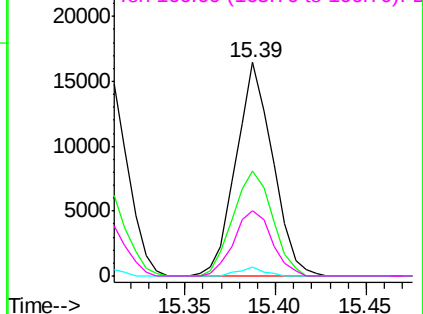
Abundance

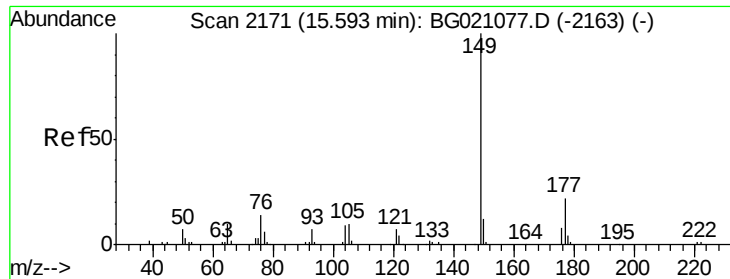
Ion 232.00 (231.70 to 232.70): E

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

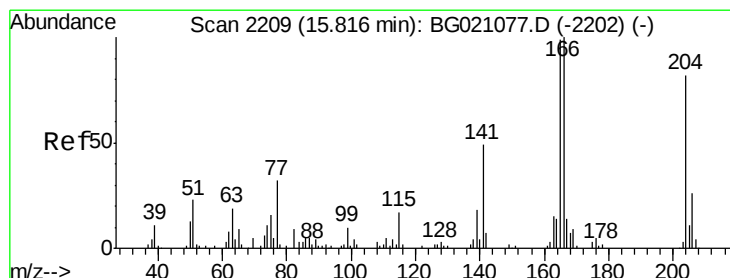
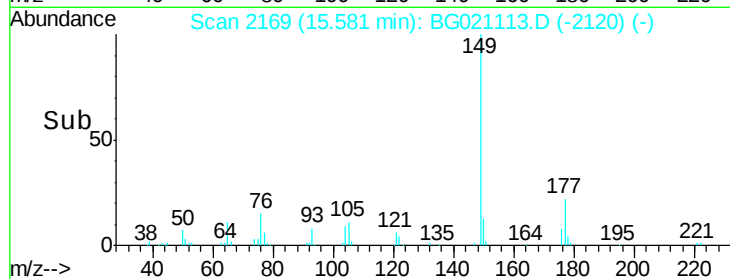
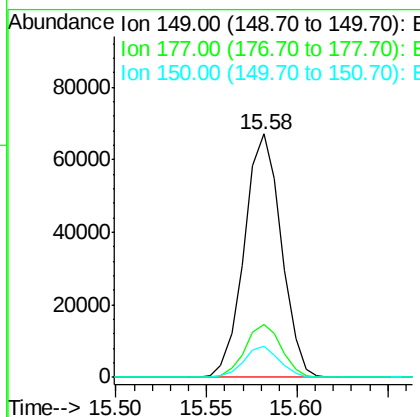
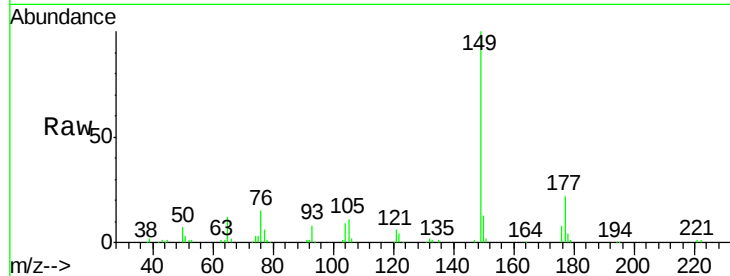




#59
Diethylphthalate
Concen: 51.78 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

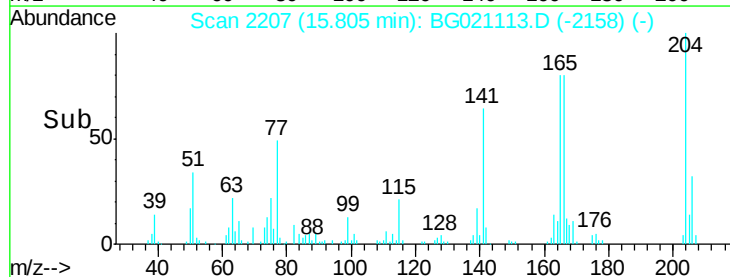
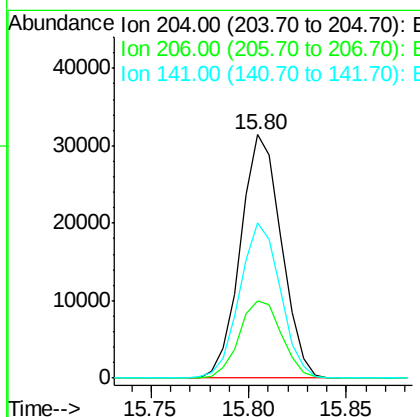
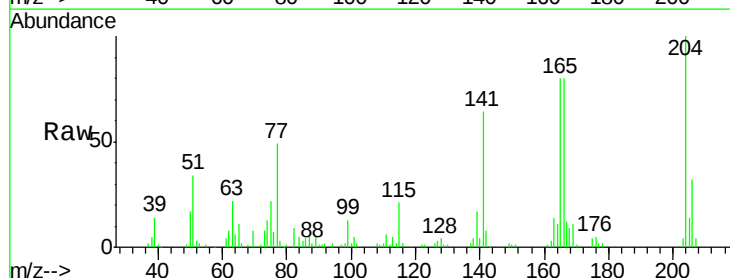
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

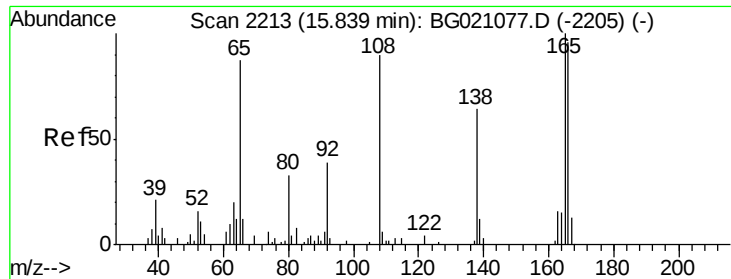
Tgt Ion:149 Resp: 95161
Ion Ratio Lower Upper
149 100
177 21.9 15.8 23.8
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.17 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:204 Resp: 45557
Ion Ratio Lower Upper
204 100
206 31.6 26.9 40.3
141 63.6 50.8 76.2

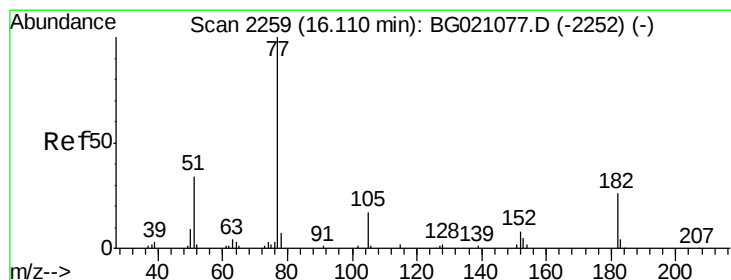
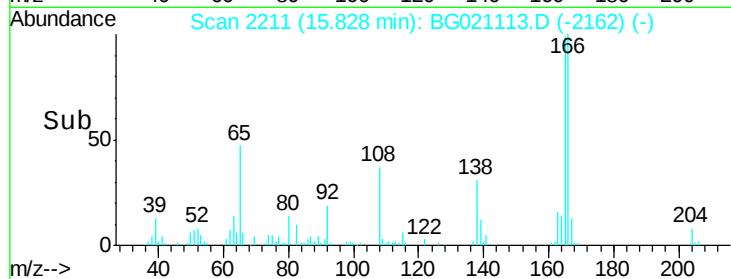
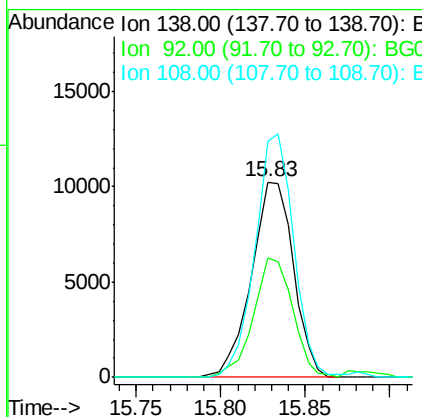
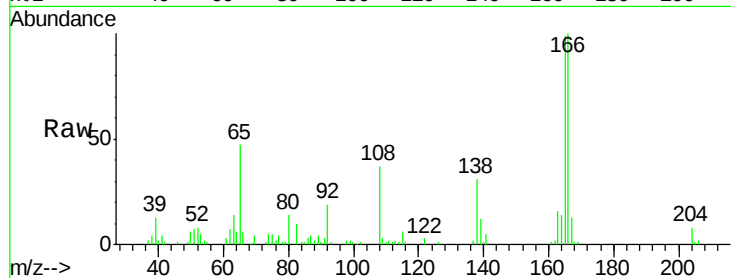




#61
 4-Nitroaniline
 Concen: 44.43 ng
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

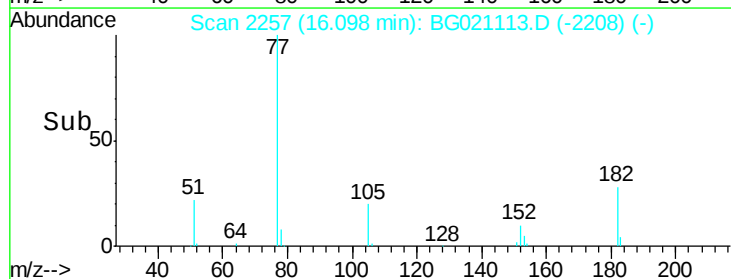
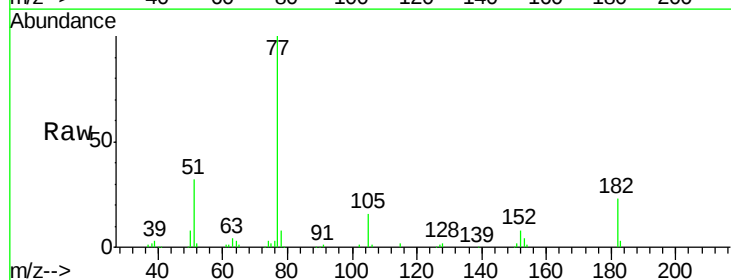
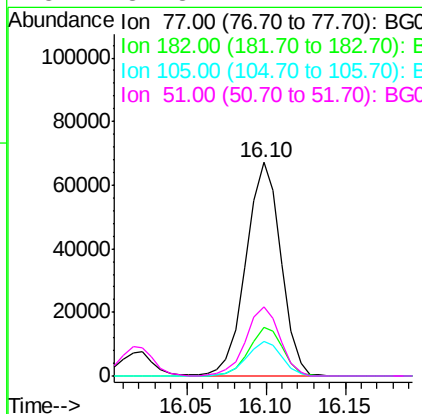
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

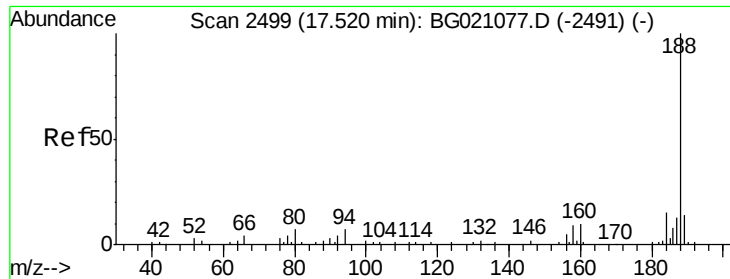
Tgt Ion: 138 Resp: 17661
 Ion Ratio Lower Upper
 138 100
 92 60.9 28.0 68.0
 108 120.7 52.6 92.6#



#62
 Azobenzene
 Concen: 64.39 ng
 RT: 16.10 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion: 77 Resp: 102529
 Ion Ratio Lower Upper
 77 100
 182 22.8 0.7 40.7
 105 16.4 0.0 38.3
 51 32.3 4.4 44.4

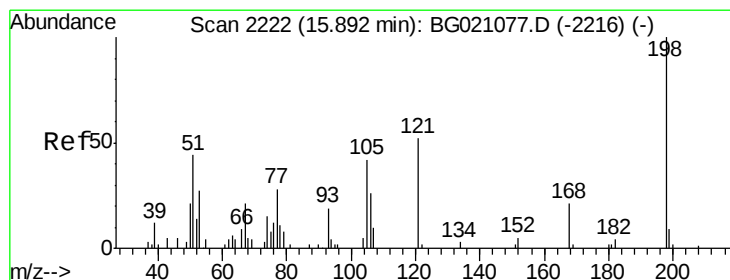
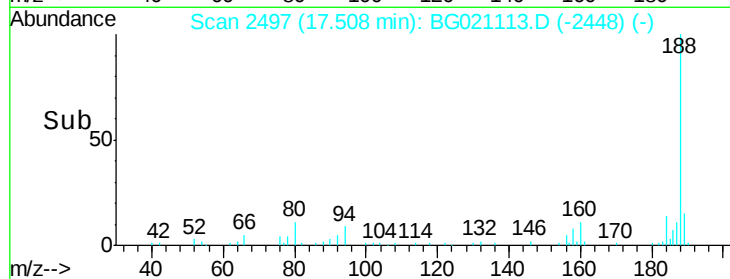
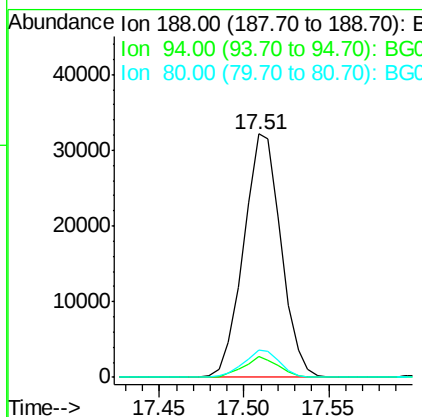
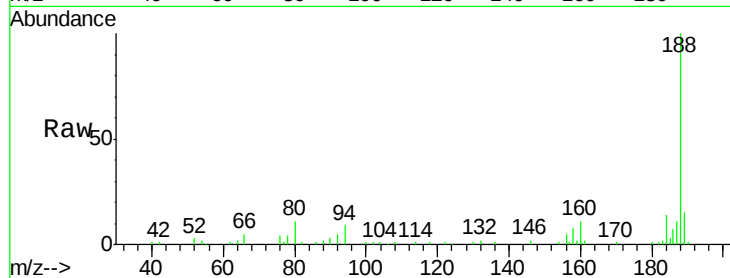




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

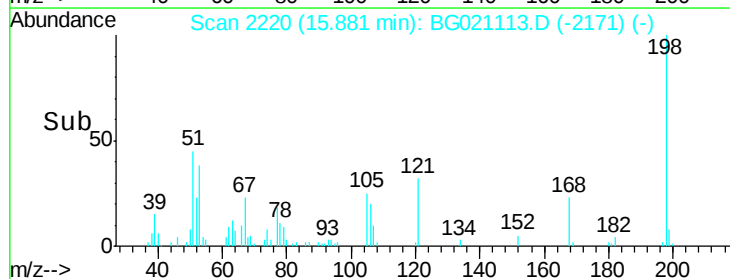
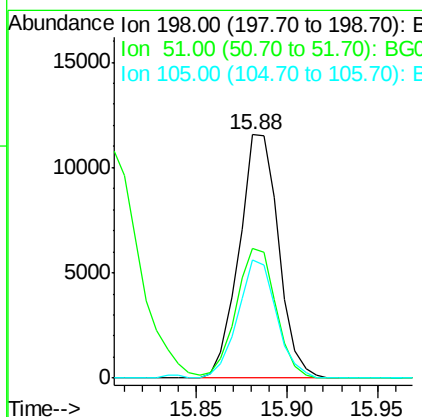
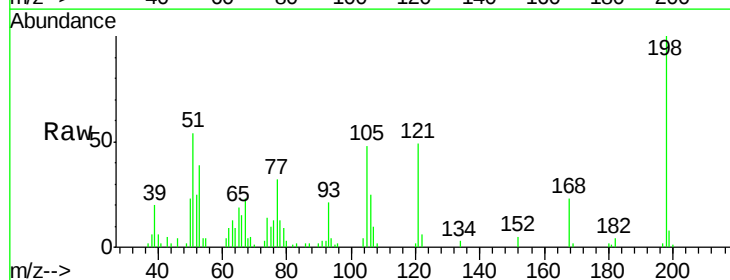
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

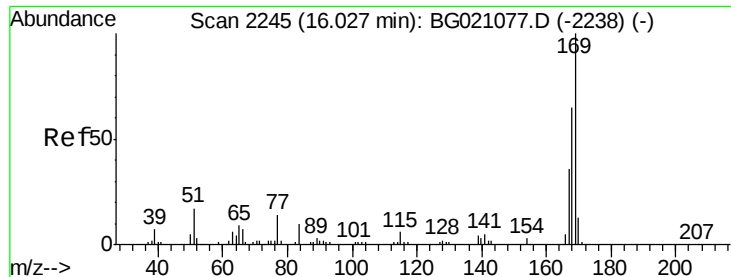
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	11.0	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.37 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.5	30.4	70.4
105	48.3	32.8	72.8

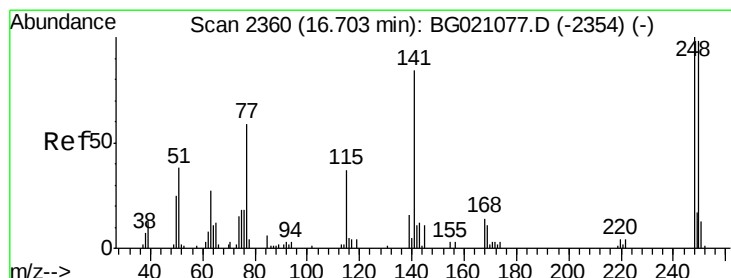
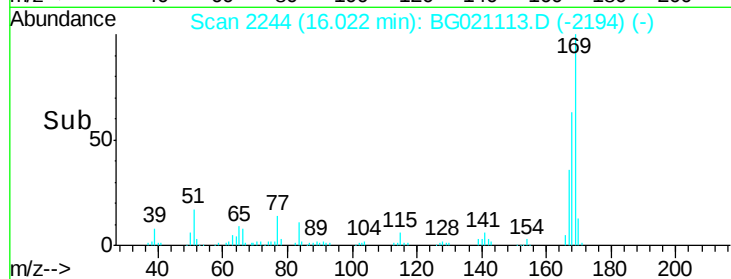
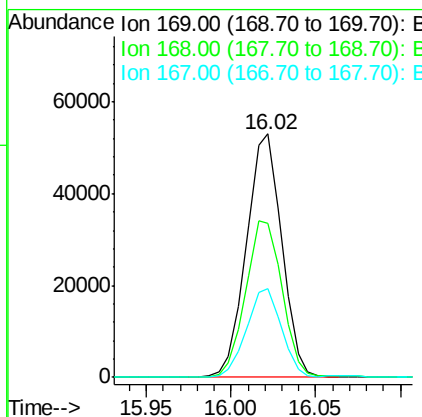
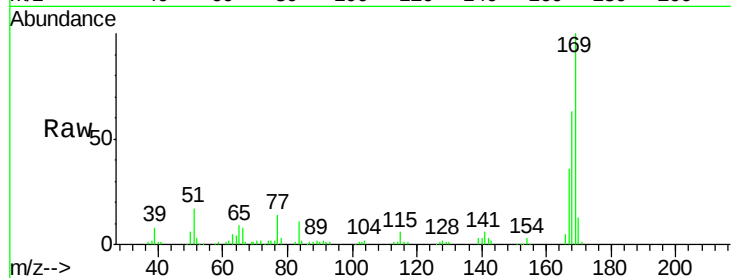




#65
n-Nitrosodiphenylamine
Concen: 53.10 ng
RT: 16.02 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

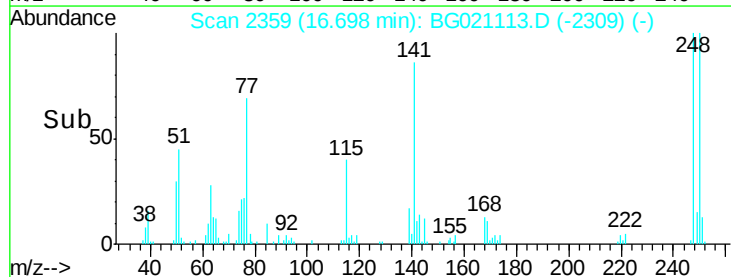
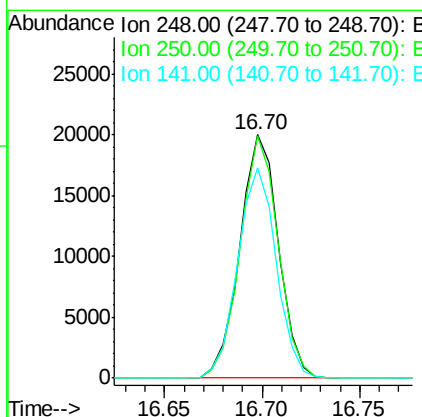
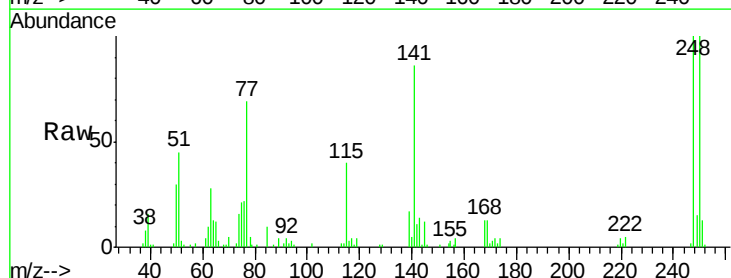
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

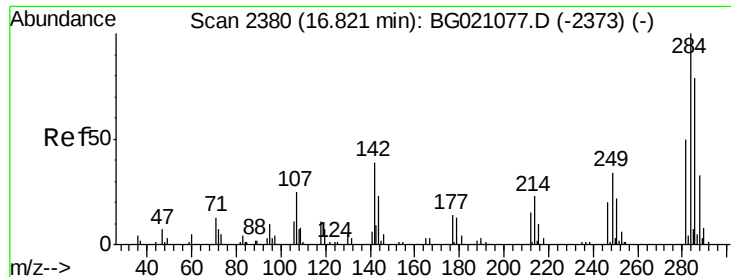
Tgt Ion:169 Resp: 77288
Ion Ratio Lower Upper
169 100
168 63.4 58.2 87.2
167 36.4 31.0 46.6



#66
4-Bromophenyl-phenylether
Concen: 47.09 ng
RT: 16.70 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:248 Resp: 27355
Ion Ratio Lower Upper
248 100
250 99.5 76.4 114.6
141 86.4 57.4 86.0#





#67

Hexachlorobenzene

Concen: 46.98 ng

RT: 16.82 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

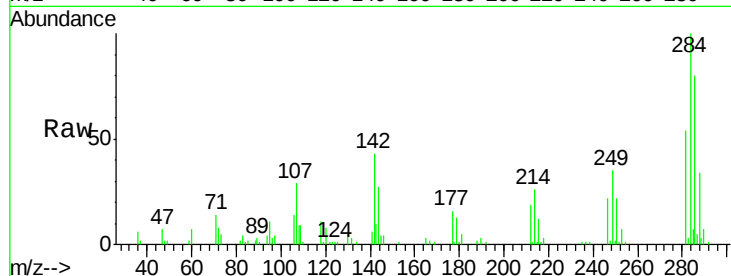
Tgt Ion: 284 Resp: 28789

Ion Ratio Lower Upper

284 100

142 42.9 32.1 48.1

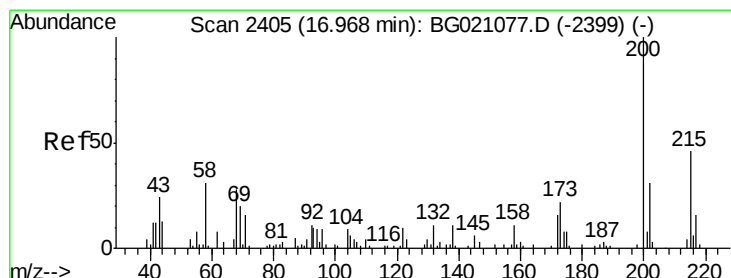
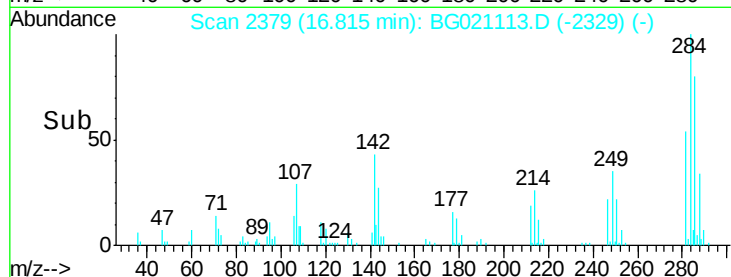
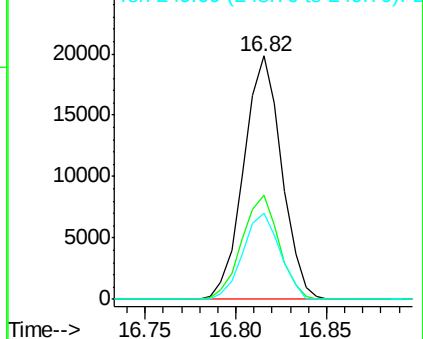
249 37.7 24.0 36.0#



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: 53.50 ng

RT: 16.96 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

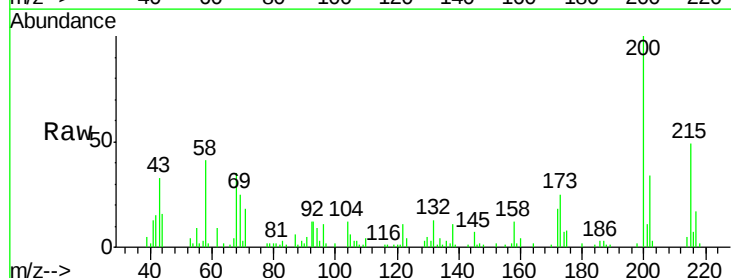
Tgt Ion: 200 Resp: 28857

Ion Ratio Lower Upper

200 100

173 24.9 3.9 43.9

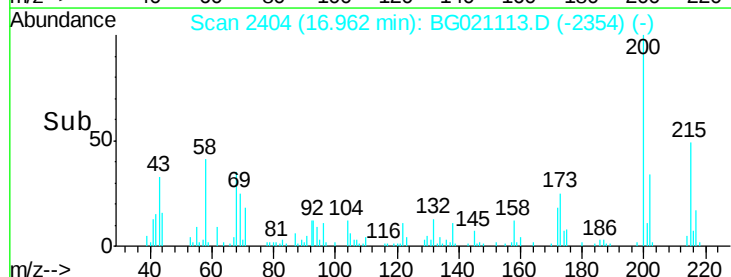
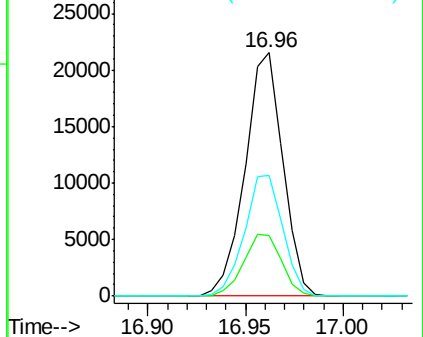
215 49.5 29.0 69.0

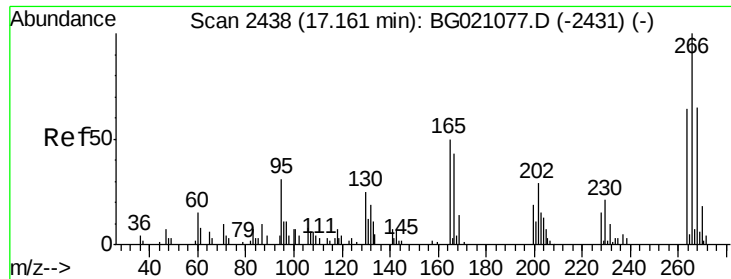


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

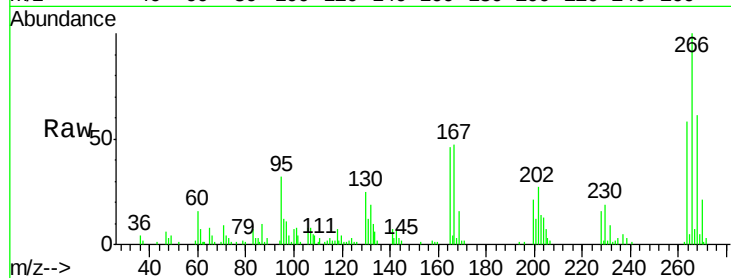




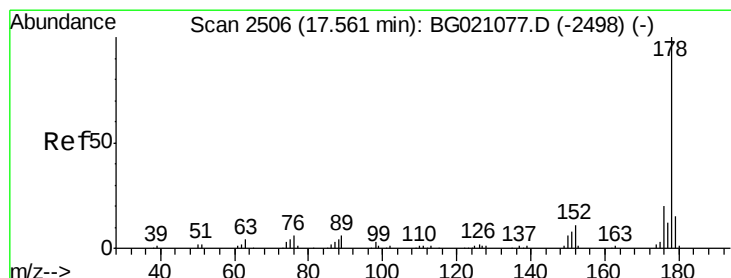
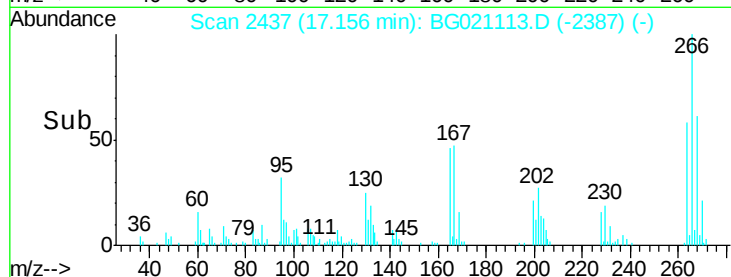
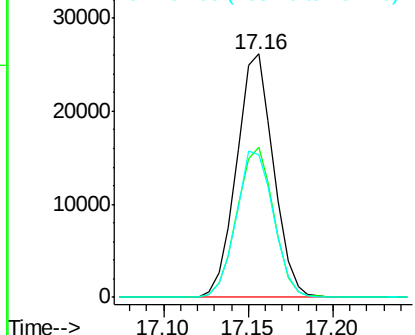
#69
 Pentachlorophenol
 Concen: 95.92 ng
 RT: 17.16 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tgt Ion: 266 Resp: 39682
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.0 76.6
 264 63.0 47.8 71.8

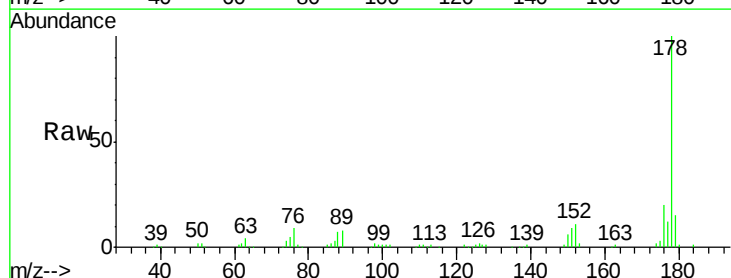


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

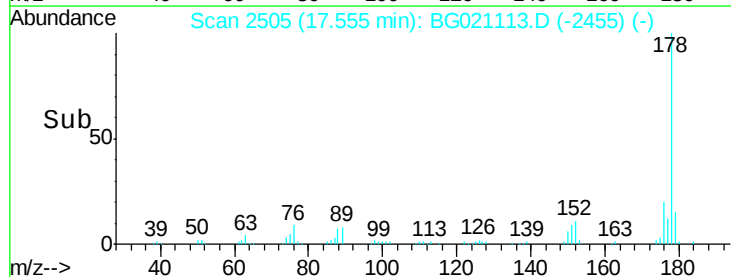
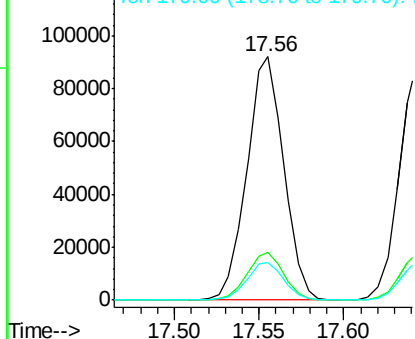


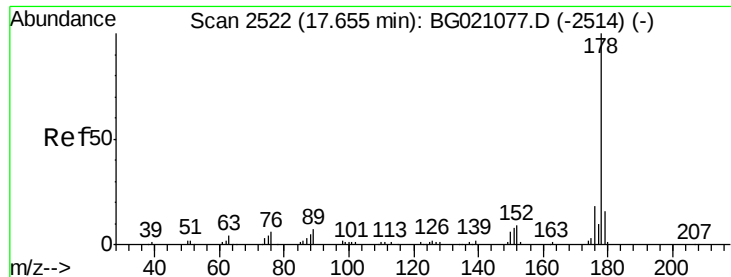
#70
 Phenanthrene
 Concen: 52.46 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion: 178 Resp: 139280
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.3 12.9 19.3



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





#71

Anthracene

Concen: 51.92 ng

RT: 17.64 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

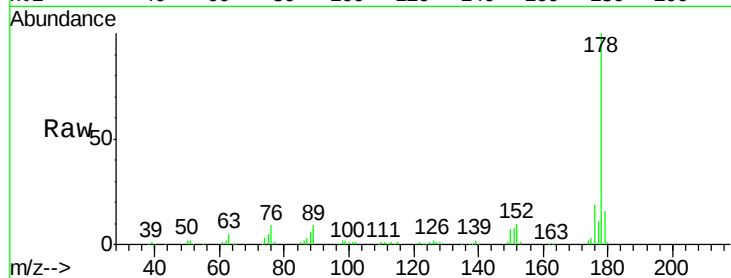
Tgt Ion:178 Resp: 138826

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

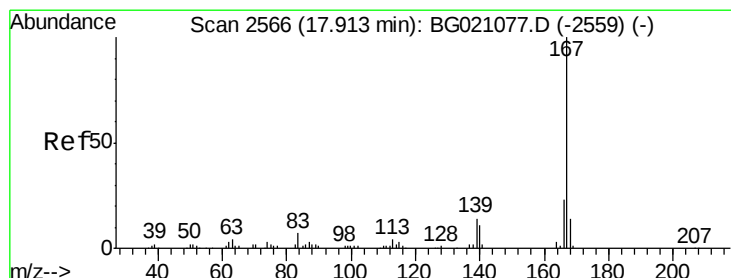
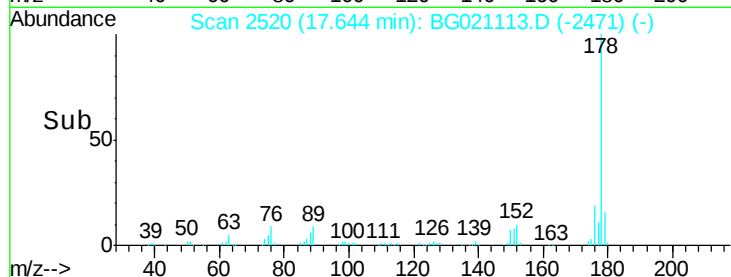
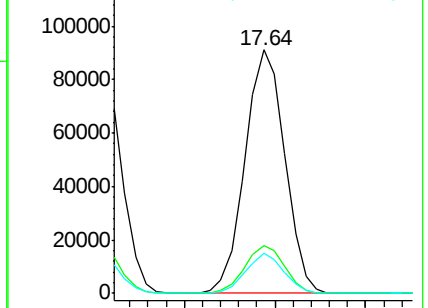
179 16.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 56.27 ng

RT: 17.91 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

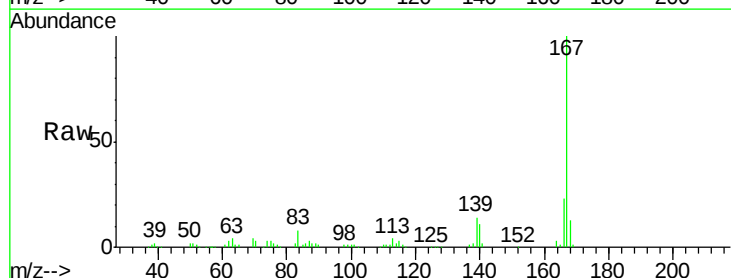
Tgt Ion:167 Resp: 129880

Ion Ratio Lower Upper

167 100

166 23.1 17.5 26.3

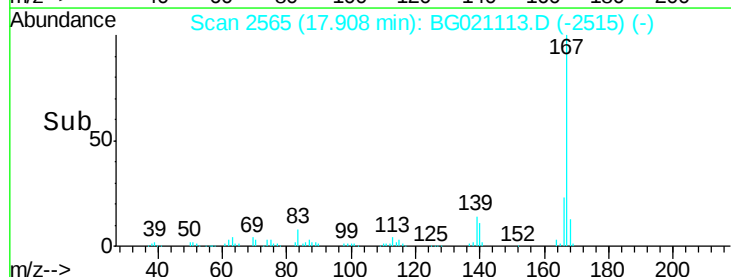
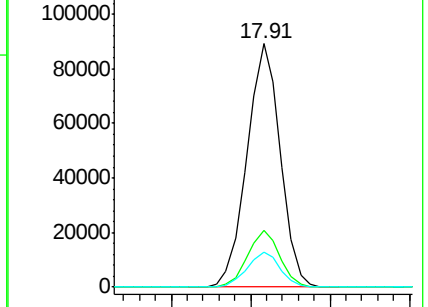
139 14.2 10.3 15.5

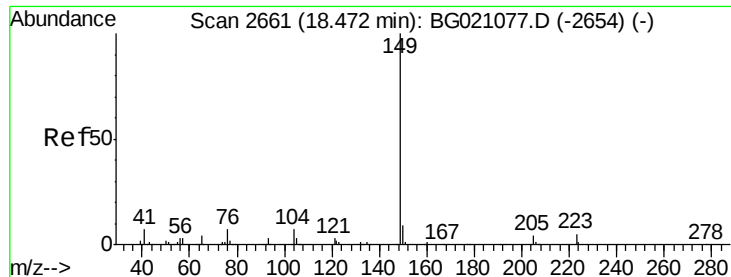


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

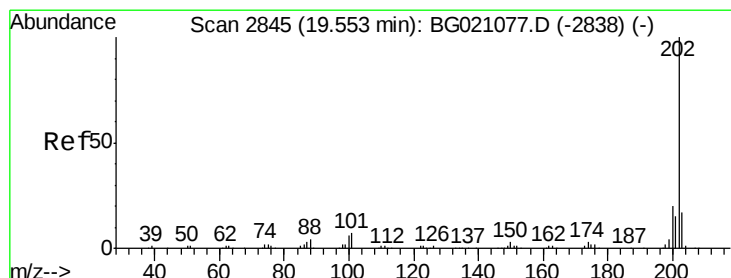
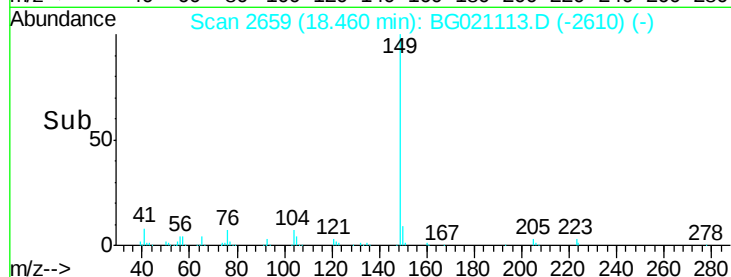
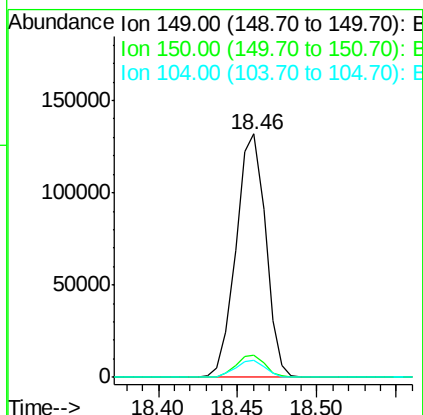
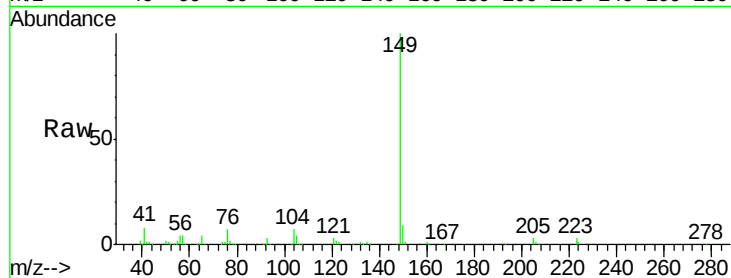




#73
Di-n-butylphthalate
Concen: 56.03 ng
RT: 18.46 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

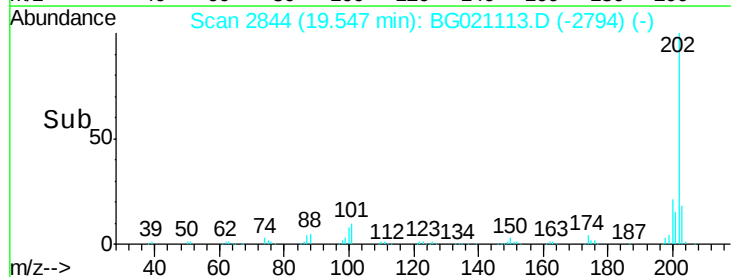
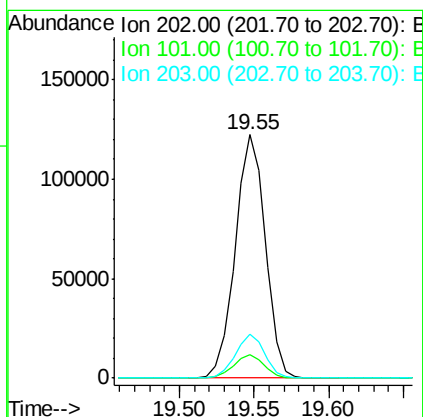
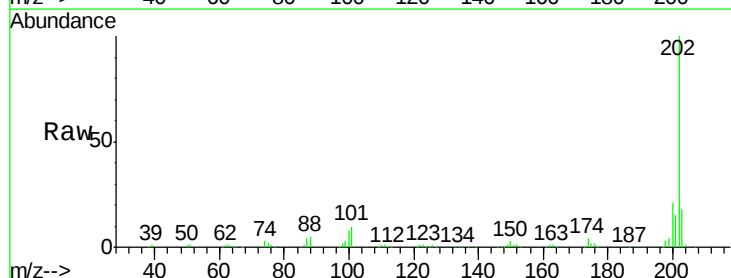
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

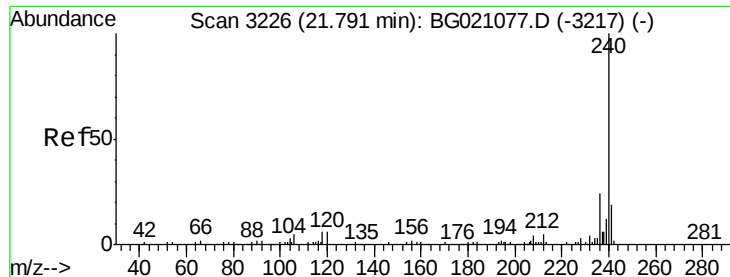
Tgt Ion:149 Resp: 170480
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 6.8 4.1 6.1#



#74
Fluoranthene
Concen: 51.45 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:202 Resp: 171353
Ion Ratio Lower Upper
202 100
101 9.6 0.0 32.5
203 17.8 0.0 37.6

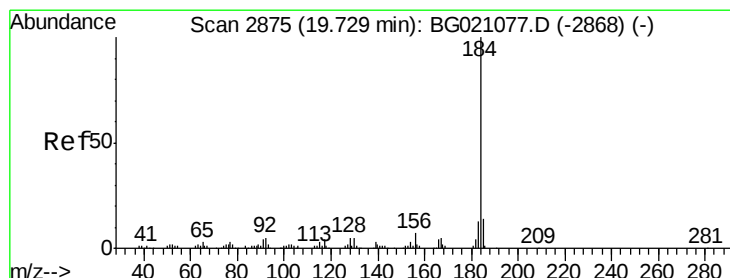
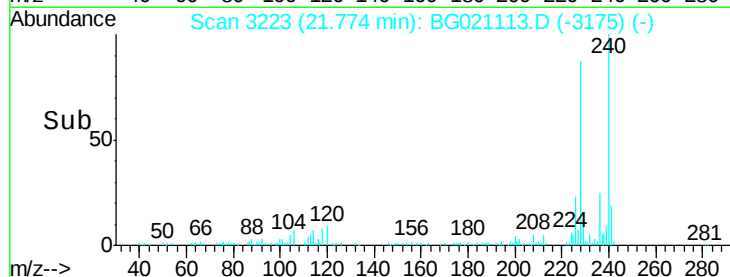
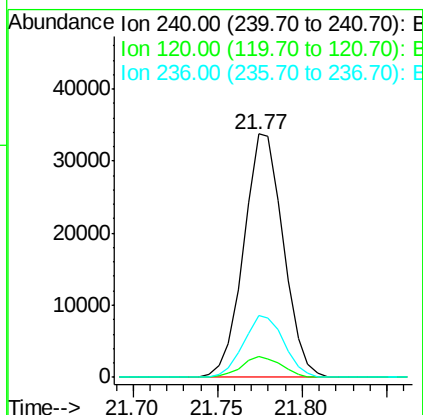
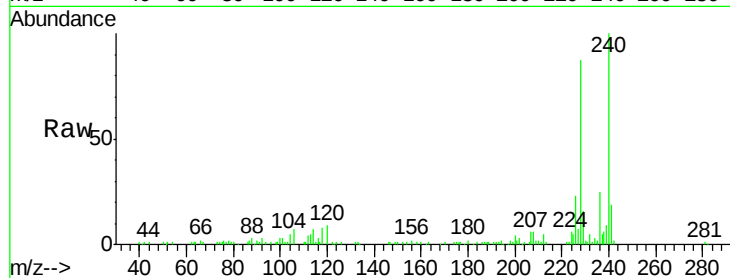




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

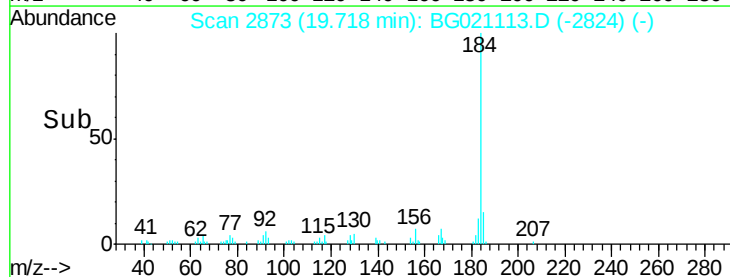
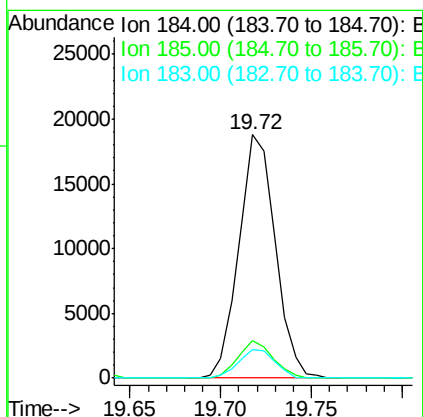
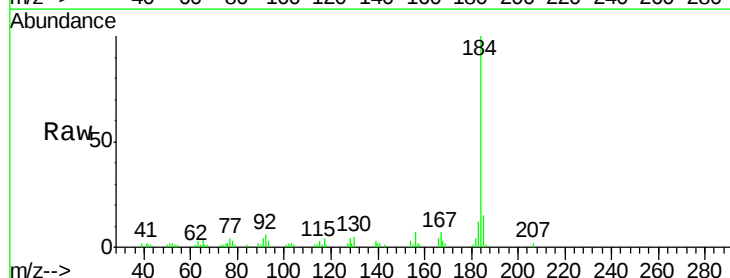
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

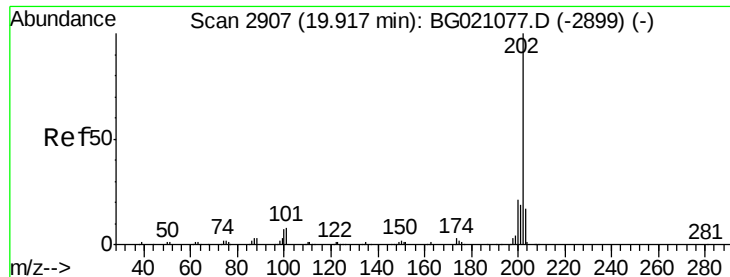
Tgt Ion:240 Resp: 54918
Ion Ratio Lower Upper
240 100
120 8.6 7.5 11.3
236 25.4 20.5 30.7



#76
Benzidine
Concen: 18.17 ng
RT: 19.72 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:184 Resp: 26246
Ion Ratio Lower Upper
184 100
185 15.4 11.5 17.3
183 11.8 10.1 15.1

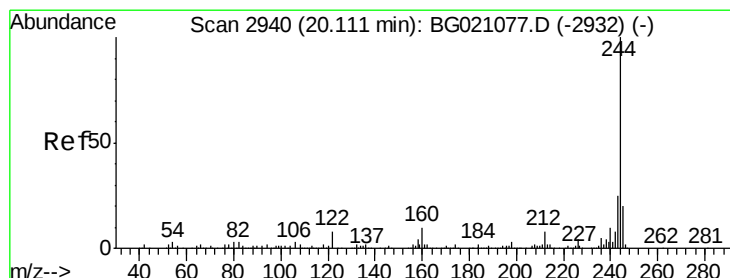
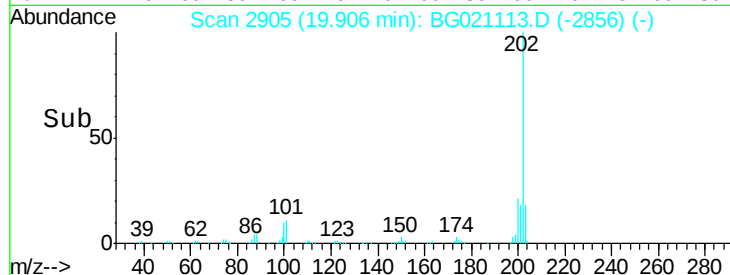
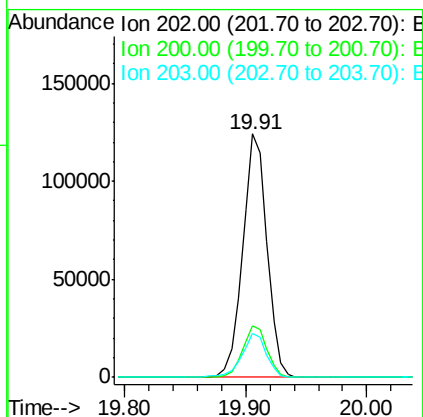
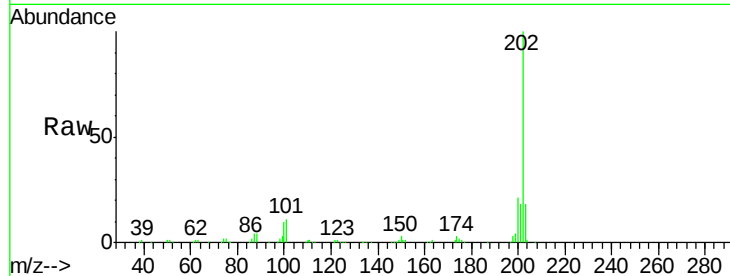




#77
 Pyrene
 Concen: 57.09 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

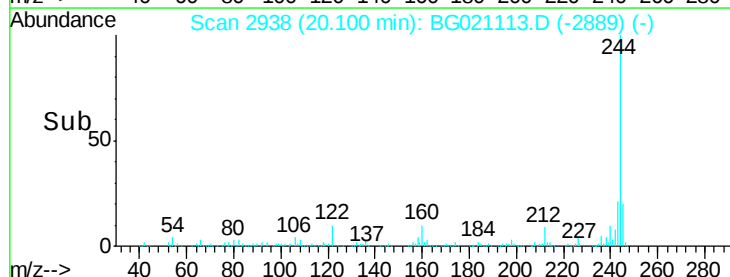
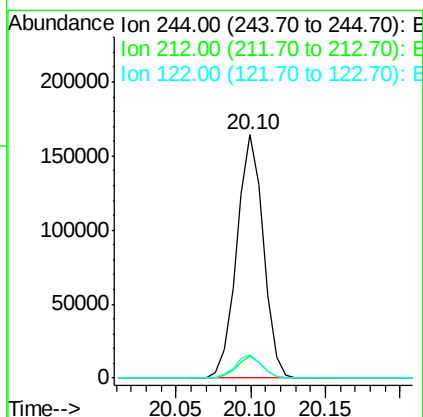
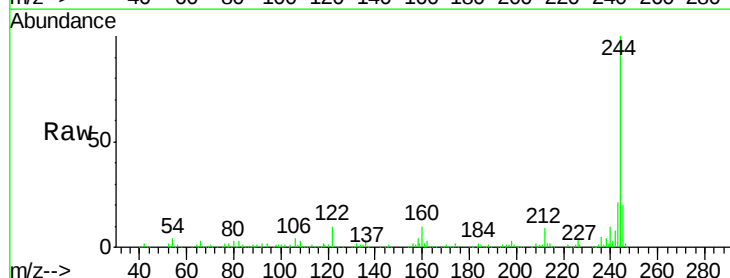
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

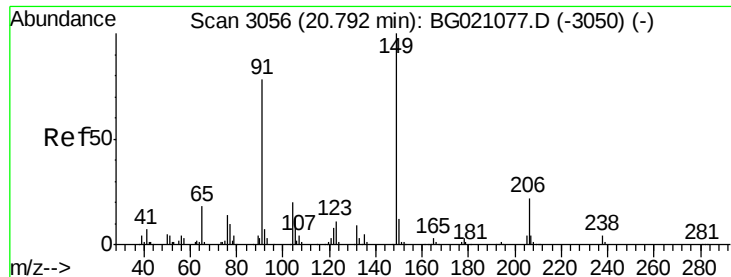
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	18.0	13.8	20.8



#78
 Terphenyl-d14
 Concen: 86.43 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.6#
122	9.6	8.3	12.5

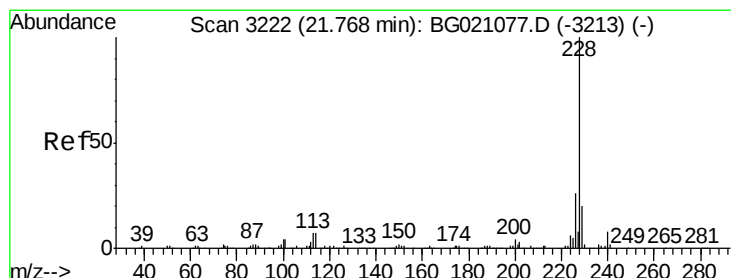
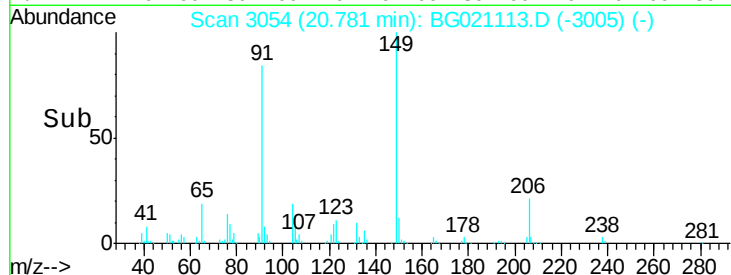
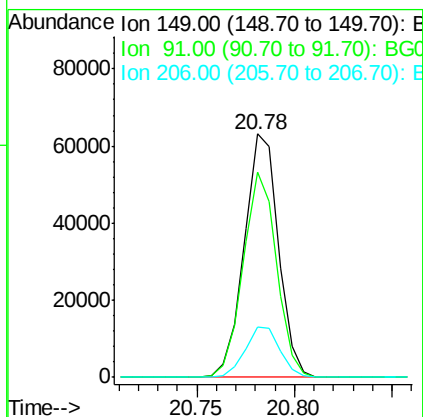
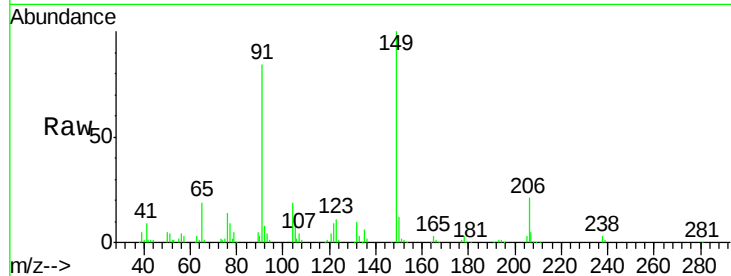




#79
Butylbenzylphthalate
Concen: 60.34 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

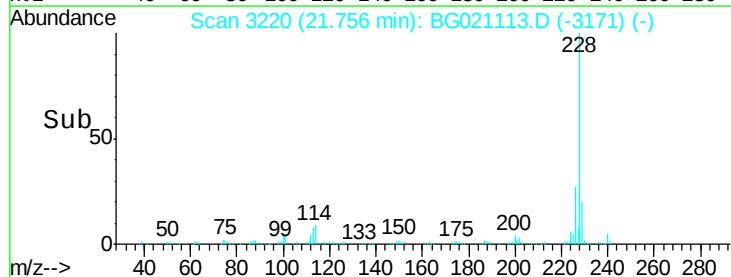
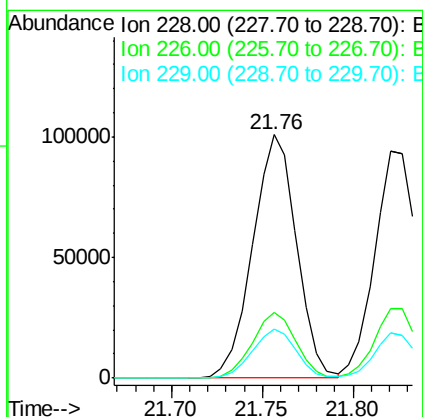
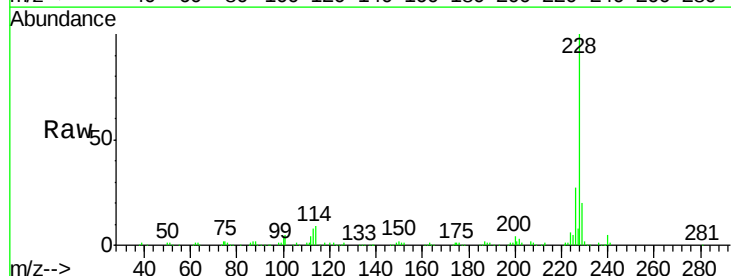
Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

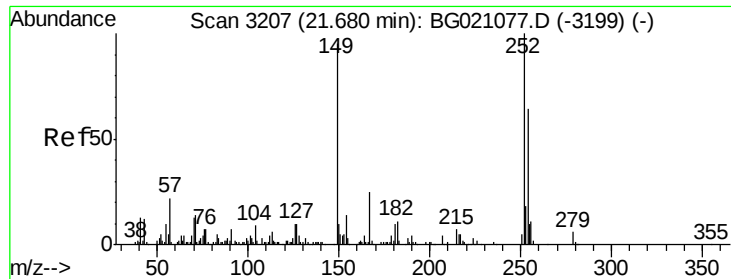
Tgt Ion:149 Resp: 76571
Ion Ratio Lower Upper
149 100
91 84.2 58.6 87.8
206 20.5 14.2 21.4



#80
Benzo(a)anthracene
Concen: 53.97 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:228 Resp: 170526
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 19.9 15.5 23.3

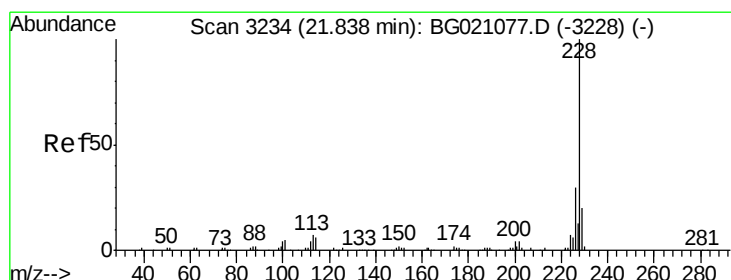
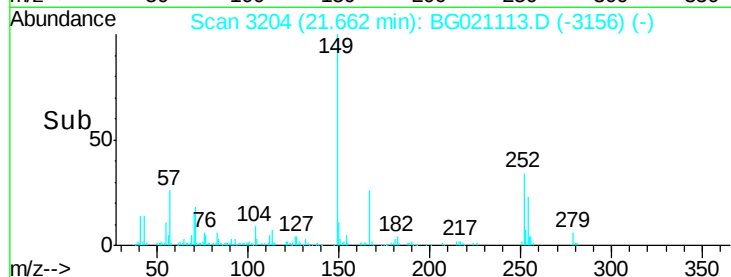
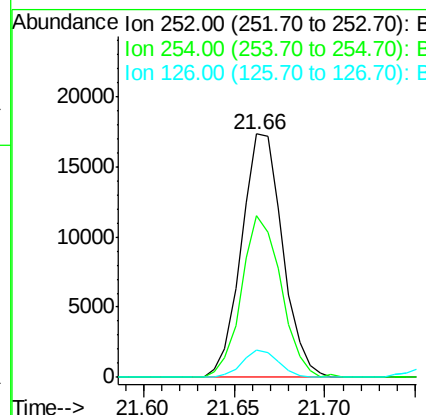
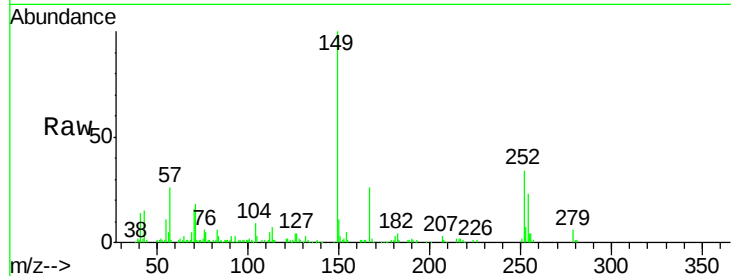




#81
 3,3'-Dichlorobenzidine
 Concen: 22.09 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

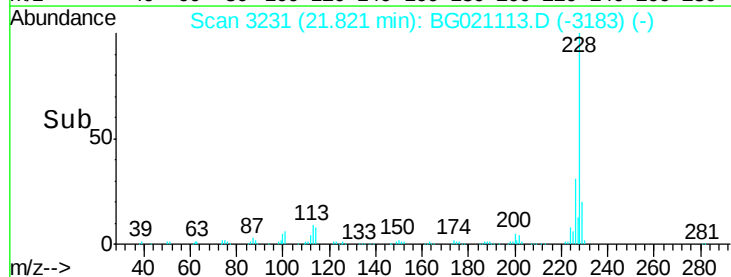
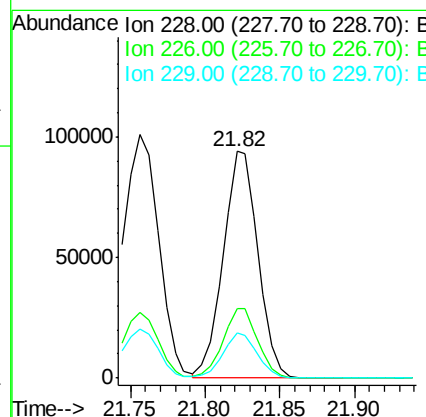
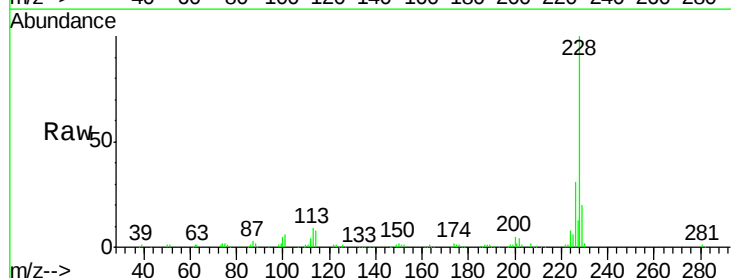
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

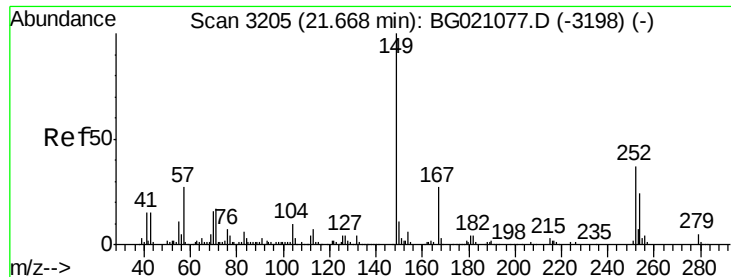
Tgt Ion: 252 Resp: 27308
 Ion Ratio Lower Upper
 252 100
 254 66.2 52.6 79.0
 126 11.4 8.3 12.5



#82
 Chrysene
 Concen: 50.30 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.02 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion: 228 Resp: 153071
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.7 35.5
 229 20.1 16.7 25.1

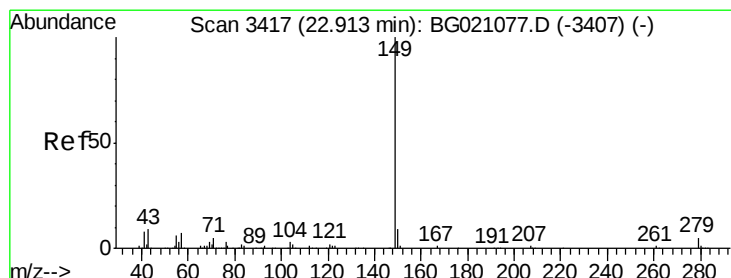
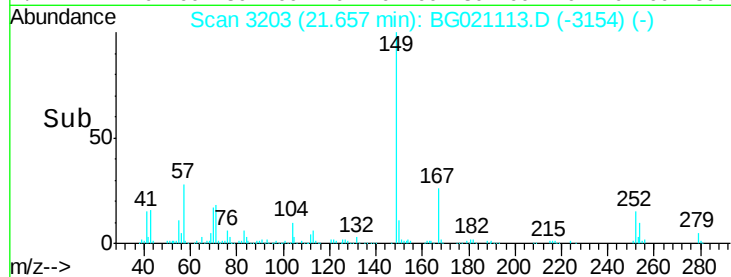
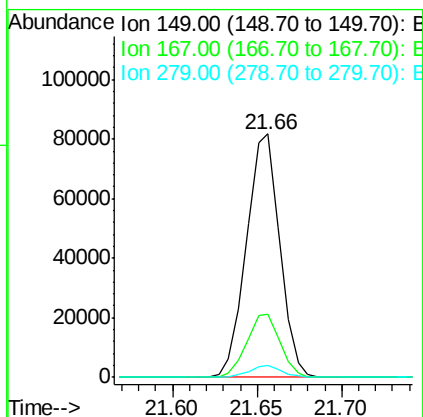
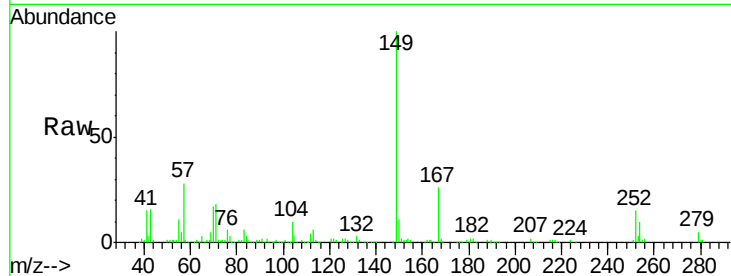




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.24 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

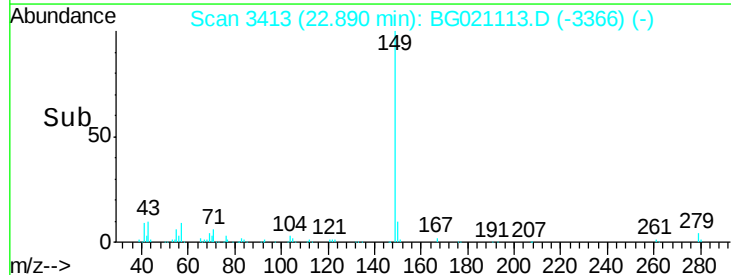
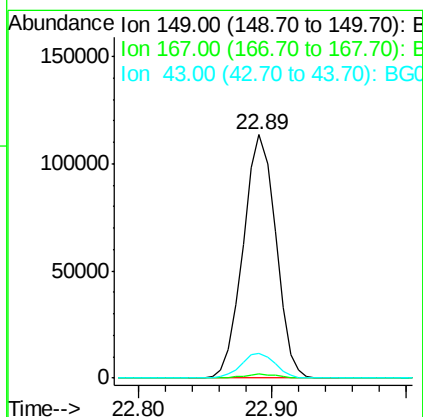
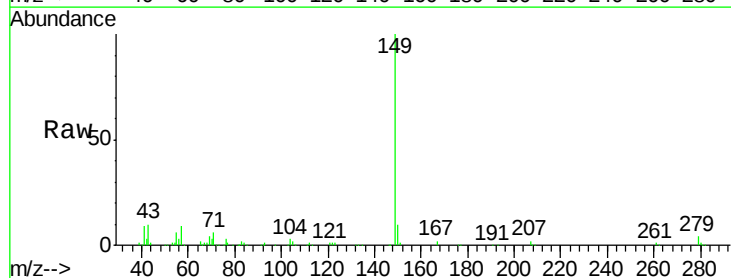
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

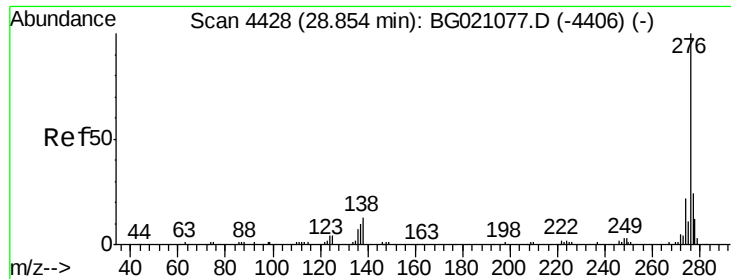
Tgt Ion:149 Resp: 112171
 Ion Ratio Lower Upper
 149 100
 167 25.9 18.9 28.3
 279 4.8 3.0 4.6#



#84
 Di-n-octyl phthalate
 Concen: 58.43 ng
 RT: 22.89 min Scan# 3413
 Delta R.T. -0.02 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:149 Resp: 191922
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 10.7 9.8 14.8

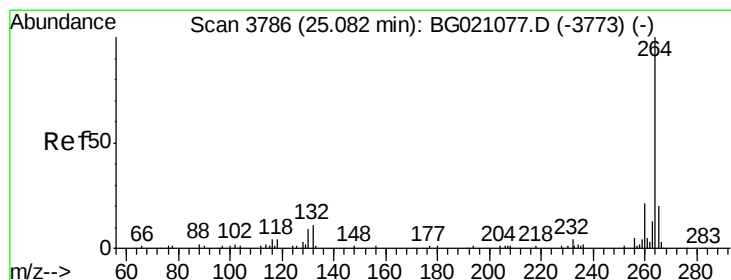
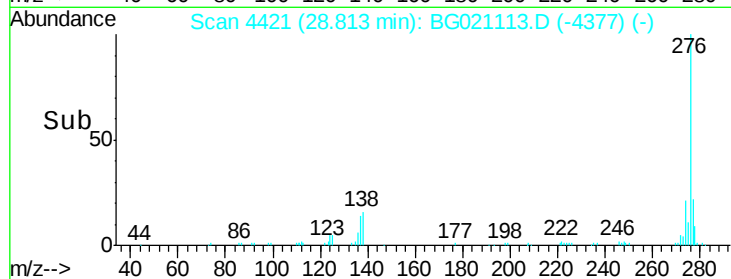
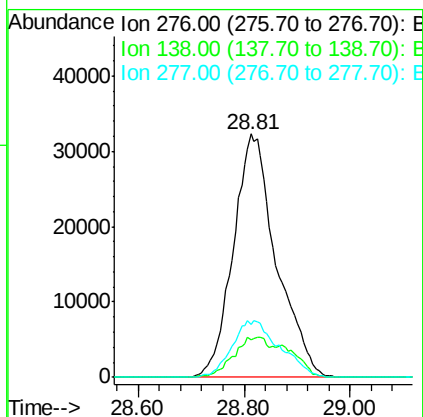
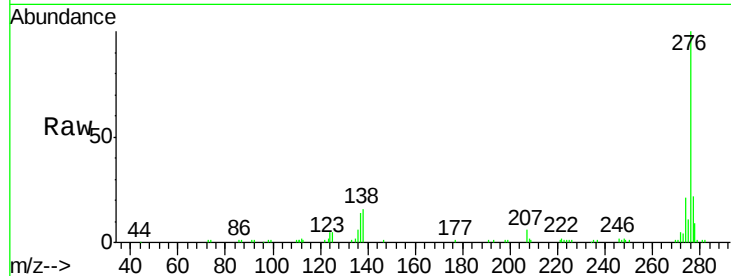




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.62 ng
 RT: 28.81 min Scan# 4421
 Delta R.T. -0.04 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

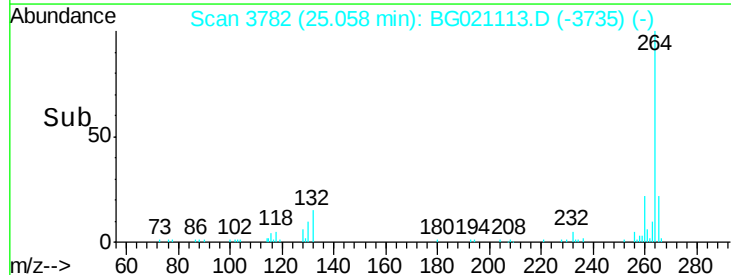
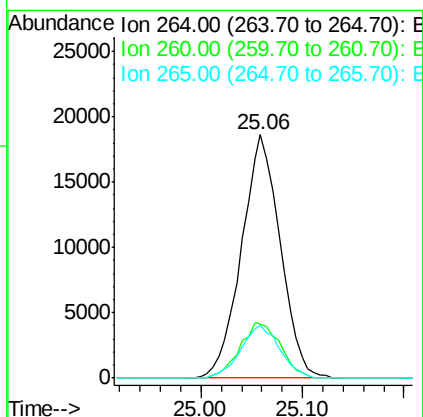
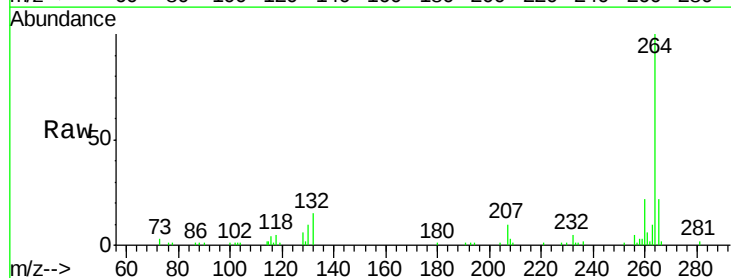
Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

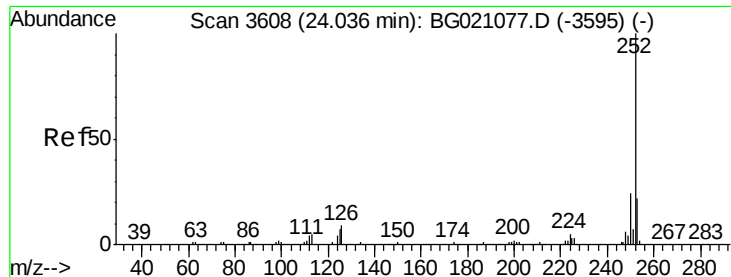
Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	0.0	0.0#
277	25.8	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.7	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 54.01 ng

RT: 24.08 min Scan# 3616

Delta R.T. 0.05 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

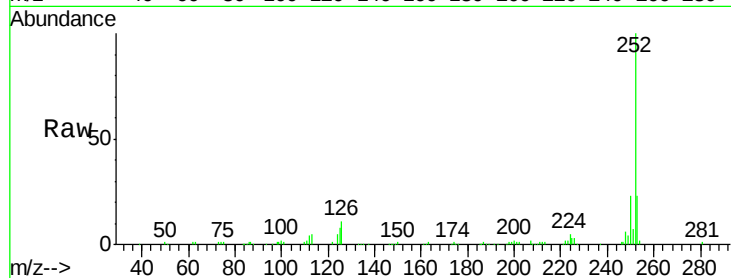
Tgt Ion:252 Resp: 166433

Ion Ratio Lower Upper

252 100

253 22.5 16.8 25.2

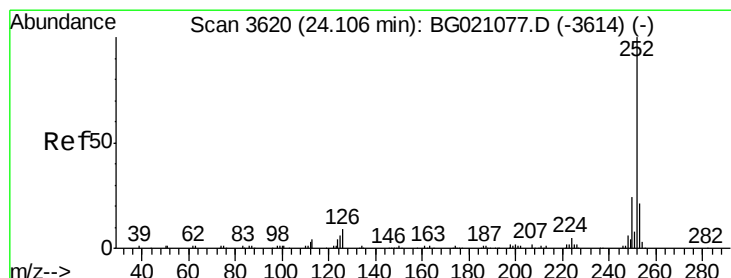
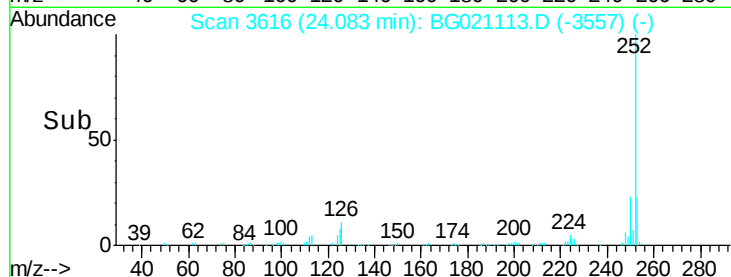
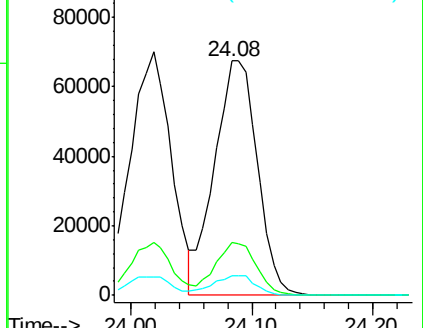
125 8.3 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.79 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

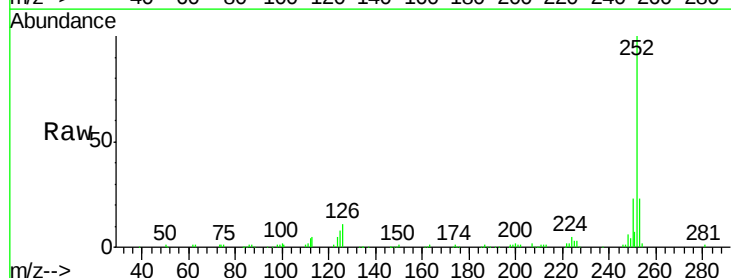
Tgt Ion:252 Resp: 166433

Ion Ratio Lower Upper

252 100

253 22.5 16.4 24.6

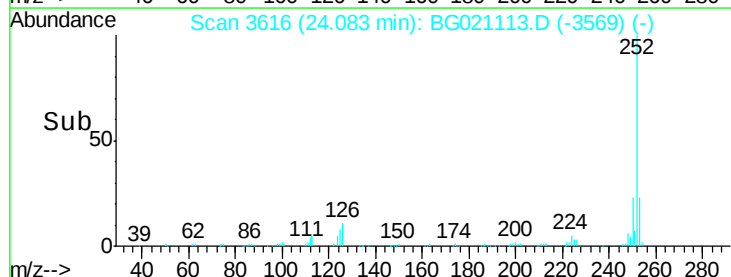
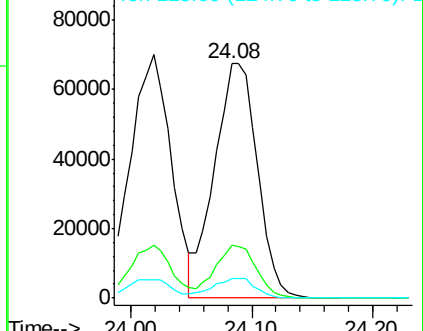
125 8.3 8.2 12.2

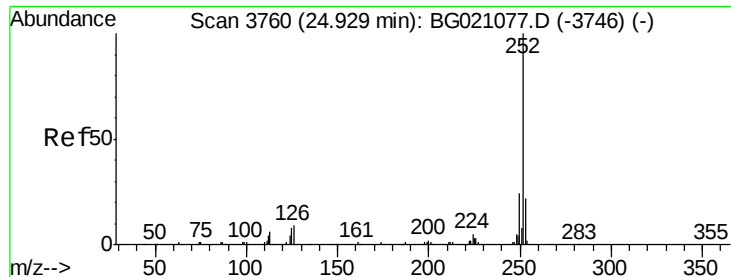


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.83 ng

RT: 24.91 min Scan# 3757

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

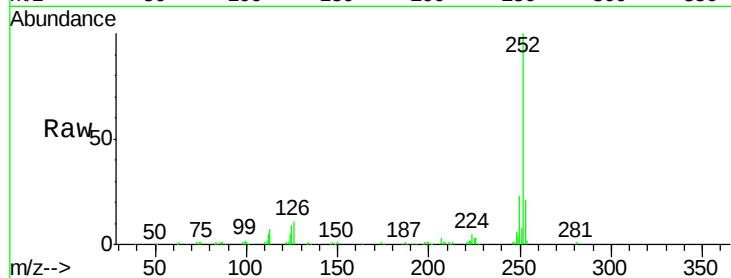
Tgt Ion:252 Resp: 162180

Ion Ratio Lower Upper

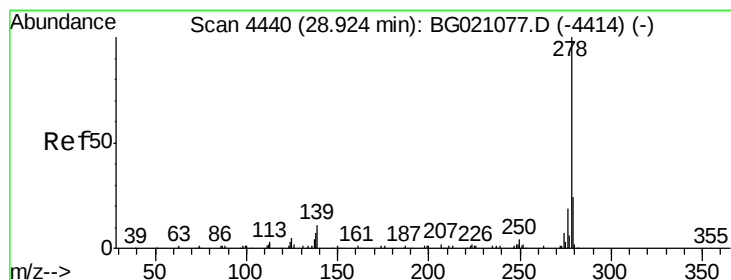
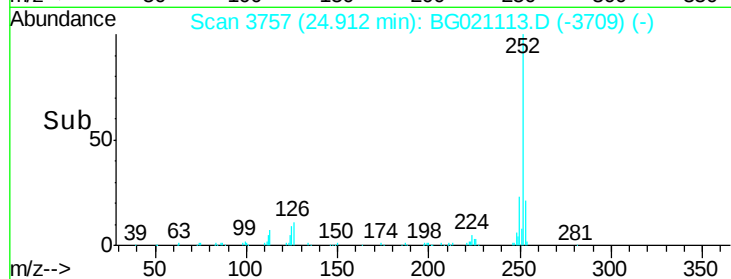
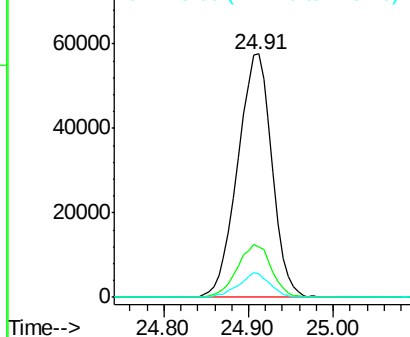
252 100

253 20.7 15.8 23.8

125 9.4 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: 51.89 ng

RT: 28.88 min Scan# 4433

Delta R.T. -0.04 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

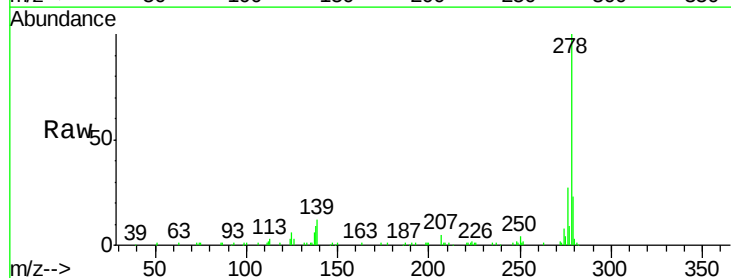
Tgt Ion:278 Resp: 154733

Ion Ratio Lower Upper

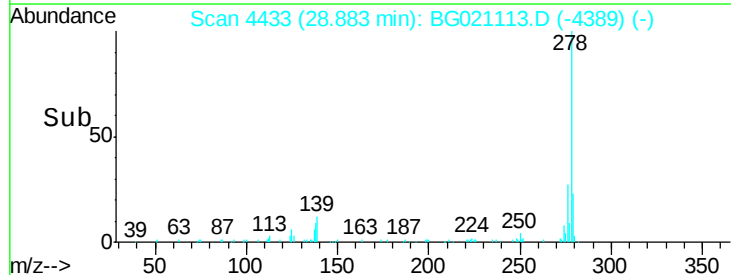
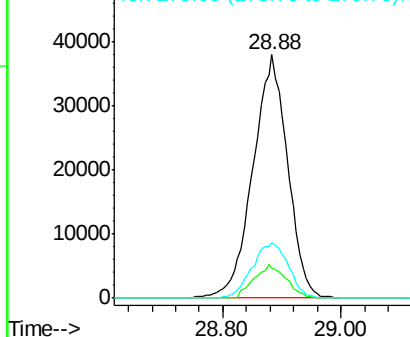
278 100

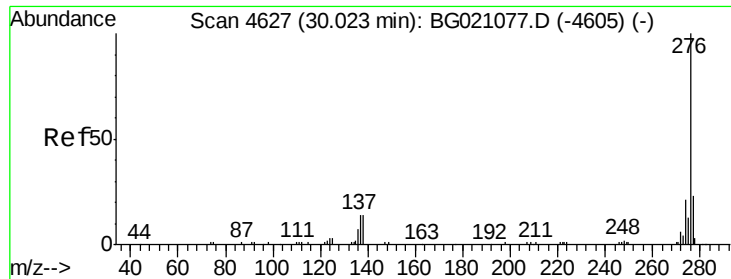
139 12.1 10.6 15.8

279 22.9 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: 51.72 ng

RT: 29.99 min Scan# 4621

Delta R.T. -0.03 min

Lab File: BG021113.D

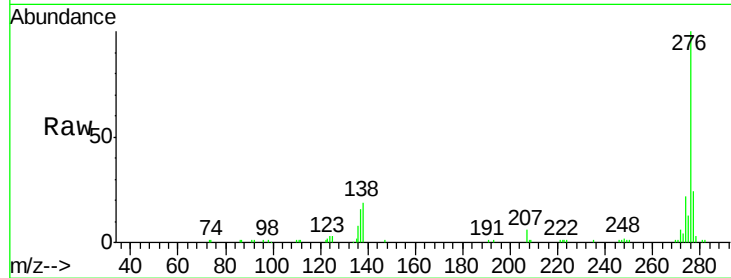
Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD



Tgt Ion:	276	Resp:	148558
Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.6	25.0
138	19.0	14.6	21.8

