

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021122.D
 Acq On : 27 Feb 2016 19:42
 Operator : UM/SJ
 Sample : H1565-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Feb 29 00:21:01 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	6864	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	33517	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	22319	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	56656	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	60954	20.00	ng	-0.02
86) Perylene-d12	25.06	264	56003	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	67871	173.11	ng	0.00
7) Phenol-d6	7.31	99	108577	186.10	ng	-0.01
23) Nitrobenzene-d5	9.33	82	74811	106.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	39482	134.92	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	143098	82.04	ng	0.00
78) Terphenyl-d14	20.10	244	246840	94.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	7683	42.32	ng	87
3) Pyridine	4.01	79	24313	45.79	ng	96
4) n-Nitrosodimethylamine	3.92	42	12543	46.59	ng	93
6) Aniline	7.49	93	16121	22.34	ng	89
8) 2-Chlorophenol	7.73	128	27295	55.82	ng	88
9) Benzaldehyde	7.30	77	4406	13.94	ng	# 80
10) Phenol	7.34	94	39500	66.09	ng	79
11) bis(2-Chloroethyl)ether	7.58	93	24913	54.38	ng	98
12) 1,3-Dichlorobenzene	8.05	146	24584	47.24	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	25415	45.71	ng	94
14) 1,2-Dichlorobenzene	8.52	146	25178	47.83	ng	97
15) Benzyl Alcohol	8.40	79	32672	64.11	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	36482	69.46	ng	95
17) 2-Methylphenol	8.60	107	26155	62.00	ng	# 90
18) Hexachloroethane	9.25	117	10203	48.51	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	26884	59.74	ng	94
20) 3+4-Methylphenols	8.92	107	36576	62.53	ng	94
22) Acetophenone	8.99	105	44653	48.27	ng	# 93
24) Nitrobenzene	9.38	77	38681	53.23	ng	# 87
25) Isophorone	9.89	82	74151	56.24	ng	96
26) 2-Nitrophenol	10.09	139	15142	49.28	ng	# 67
27) 2,4-Dimethylphenol	10.13	122	28676	52.91	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	38061	59.23	ng	95
29) 2,4-Dichlorophenol	10.62	162	27928	52.64	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	25772	42.86	ng	96
31) Naphthalene	11.03	128	83449	48.47	ng	99
32) Benzoic acid	10.19	122	2937	5.90	ng	90
33) 4-Chloroaniline	11.13	127	6504	9.04	ng	94
34) Hexachlorobutadiene	11.31	225	16248	40.38	ng	93
35) Caprolactam	11.90	113	6202	34.60	ng	# 85
36) 4-Chloro-3-methylphenol	12.23	107	37938	58.33	ng	# 86
37) 2-Methylnaphthalene	12.62	142	62745	51.90	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	32385	39.26	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	42631	78.60	ng	98

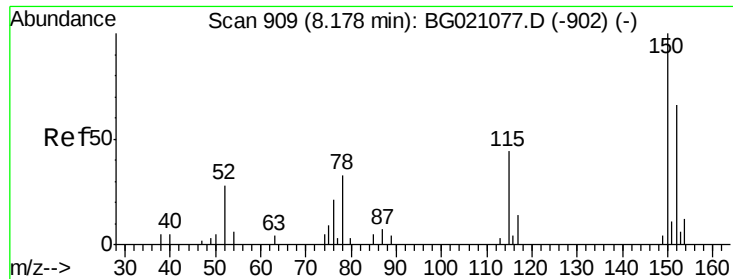
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	25670	49.63	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	28659	53.93	ng	90
45) 1,1'-Biphenyl	13.61	154	83632	44.50	ng	96
46) 2-Chloronaphthalene	13.66	162	66124	46.37	ng	98
47) 2-Nitroaniline	13.85	65	31321	67.78	ng	# 75
48) Acenaphthylene	14.50	152	109821	48.67	ng	98
49) Dimethylphthalate	14.22	163	123460	64.18	ng	# 98
50) 2,6-Dinitrotoluene	14.35	165	20677	52.25	ng	# 71
51) Acenaphthene	14.84	154	77261	50.20	ng	99
52) 3-Nitroaniline	14.67	138	7678	19.94	ng	# 69
53) 2,4-Dinitrophenol	14.87	184	16315	59.13	ng	# 83
54) Dibenzofuran	15.17	168	104053	53.37	ng	91
55) 4-Nitrophenol	14.97	139	40001	117.12	ng	# 57
56) 2,4-Dinitrotoluene	15.13	165	31315	55.18	ng	# 85
57) Fluorene	15.82	166	91774	48.39	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	26078	56.46	ng	# 97
59) Diethylphthalate	15.58	149	105381	51.98	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	46512	44.58	ng	96
61) 4-Nitroaniline	15.83	138	24085	54.93	ng	# 58
62) Azobenzene	16.10	77	115387	65.69	ng	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	19499	46.92	ng	94
65) n-Nitrosodiphenylamine	16.02	169	84536	50.58	ng	92
66) 4-Bromophenyl-phenylether	16.70	248	28739	43.08	ng	# 87
67) Hexachlorobenzene	16.81	284	29122	41.38	ng	# 93
68) Atrazine	16.96	200	33044	53.35	ng	100
69) Pentachlorophenol	17.16	266	42214	88.86	ng	95
70) Phenanthrene	17.56	178	150640	49.42	ng	98
71) Anthracene	17.64	178	152343	49.62	ng	99
72) Carbazole	17.91	167	144007	54.33	ng	98
73) Di-n-butylphthalate	18.45	149	184987	52.94	ng	# 97
74) Fluoranthene	19.55	202	180542	47.21	ng	98
76) Benzidine	19.72	184	48500	30.24	ng	100
77) Pyrene	19.91	202	185479	54.95	ng	98
79) Butylbenzylphthalate	20.78	149	83344	59.17	ng	88
80) Benzo(a)anthracene	21.76	228	177374	50.57	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	21655	15.78	ng	94
82) Chrysene	21.83	228	158113	46.81	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	123197	56.64	ng	96
84) Di-n-octyl phthalate	22.88	149	207955	57.05	ng	98
85) Indeno(1,2,3-cd)pyrene	28.81	276	186229	45.73	ng	# 100
87) Benzo(b)fluoranthene	24.02	252	173413	49.54	ng	98
88) Benzo(k)fluoranthene	24.09	252	168869	48.94	ng	97
89) Benzo(a)pyrene	24.91	252	166651	49.59	ng	97
90) Dibenzo(a,h)anthracene	28.87	278	157855	46.60	ng	99
91) Benzo(g,h,i)perylene	29.99	276	151827	46.53	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

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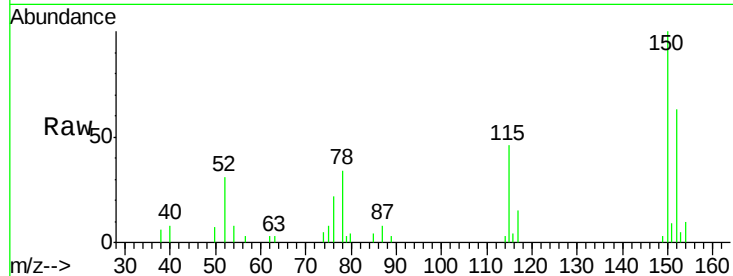
Tgt Ion:152 Resp: 6864

Ion Ratio Lower Upper

152 100

150 159.9 123.4 185.2

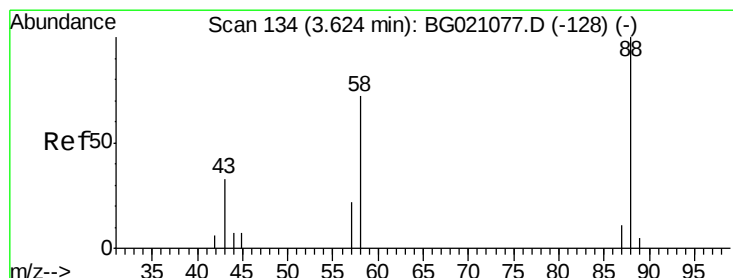
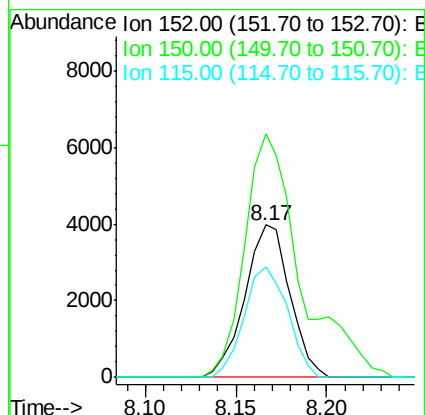
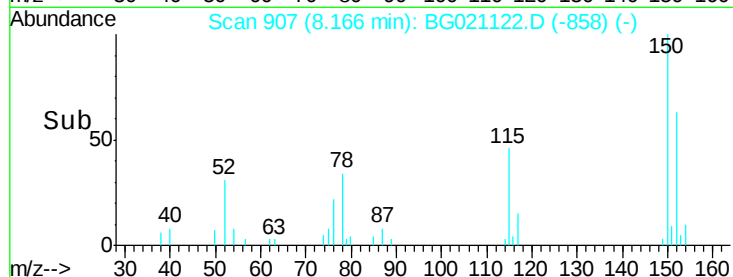
115 72.9 43.3 64.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.32 ng

RT: 3.61 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

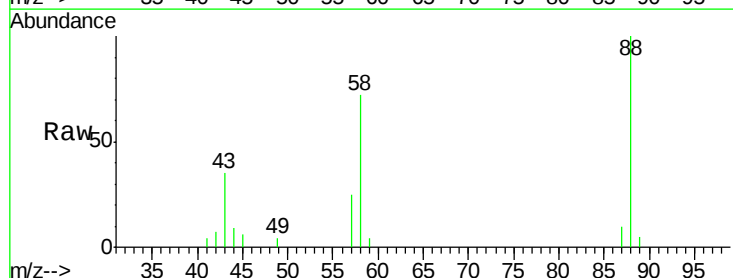
Tgt Ion: 88 Resp: 7683

Ion Ratio Lower Upper

88 100

58 81.0 55.9 83.9

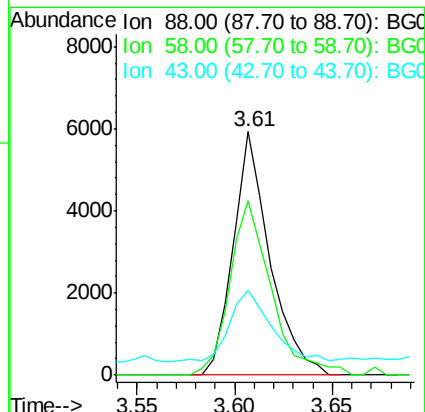
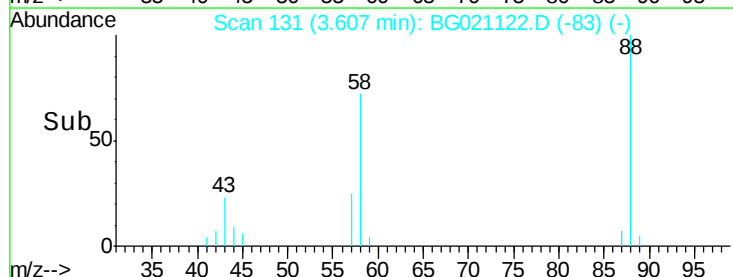
43 33.7 22.5 33.7

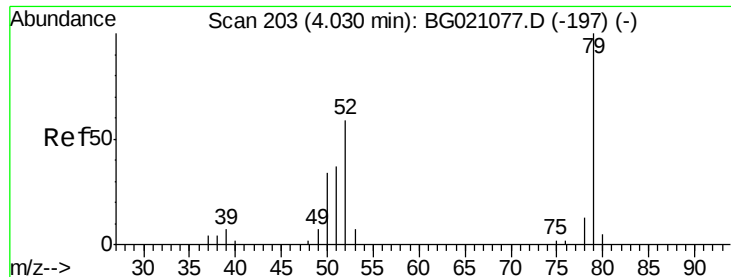


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 45.79 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

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ClientSampleId :

CEB-2(12-14)20160223MSD

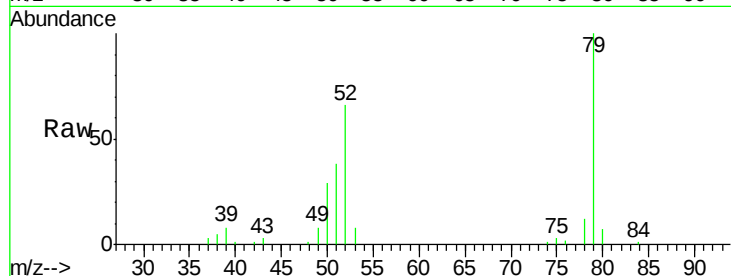
Tgt Ion: 79 Resp: 24313

Ion Ratio Lower Upper

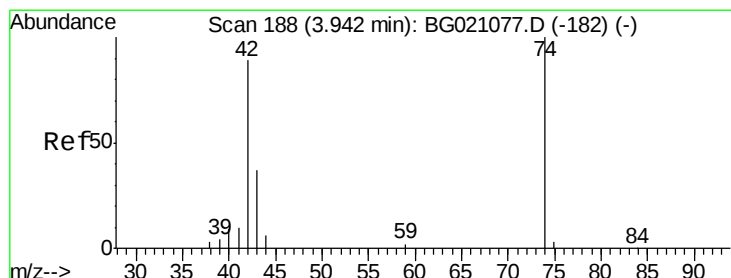
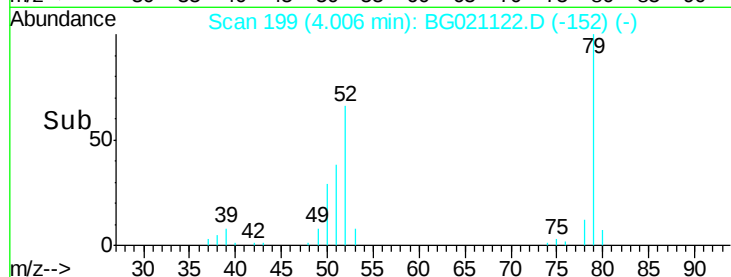
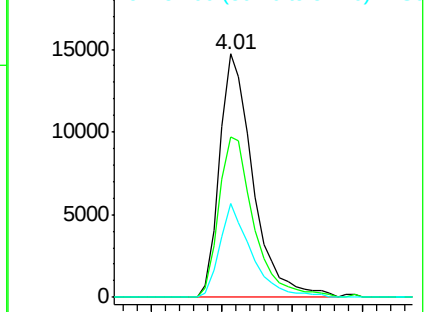
79 100

52 66.0 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: 46.59 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

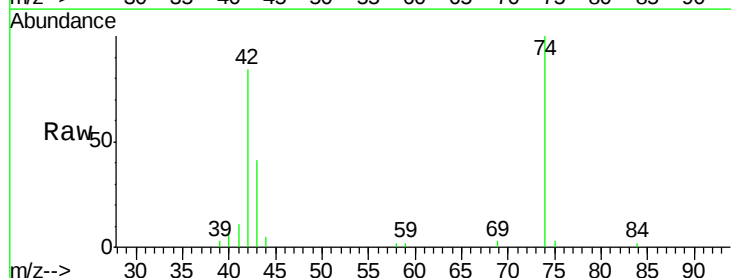
Tgt Ion: 42 Resp: 12543

Ion Ratio Lower Upper

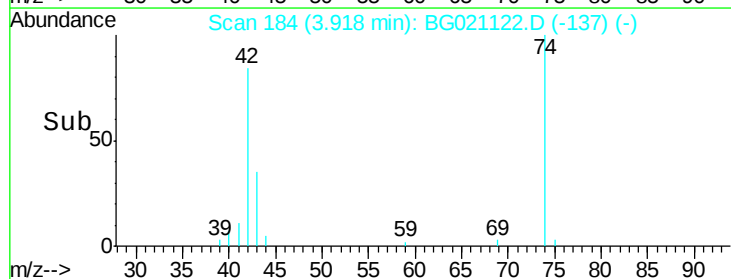
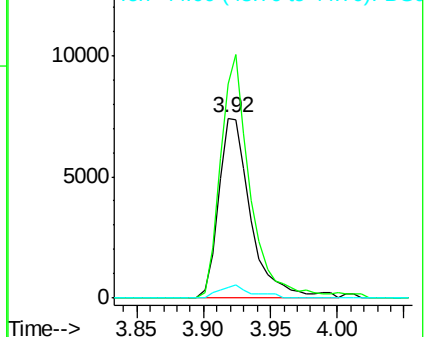
42 100

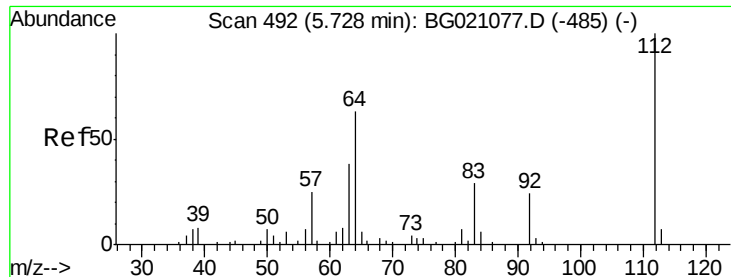
74 119.4 102.3 153.5

44 6.2 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: 173.11 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

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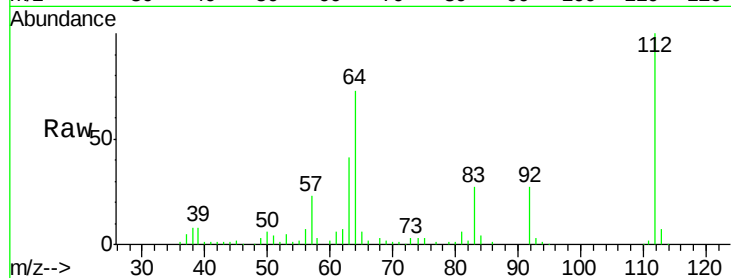
Tgt Ion: 112 Resp: 67871

Ion Ratio Lower Upper

112 100

64 72.9 42.6 63.8#

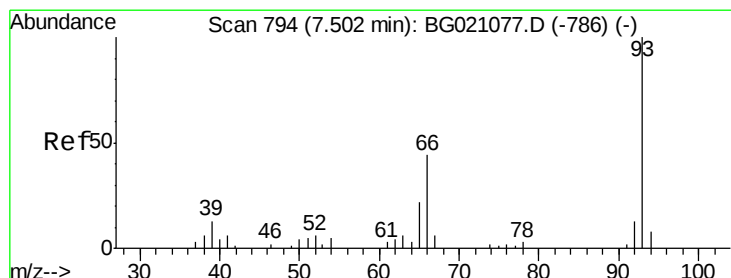
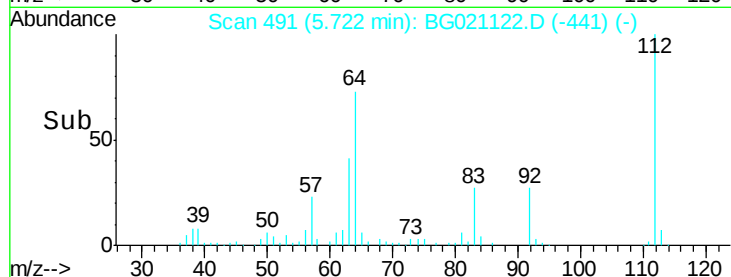
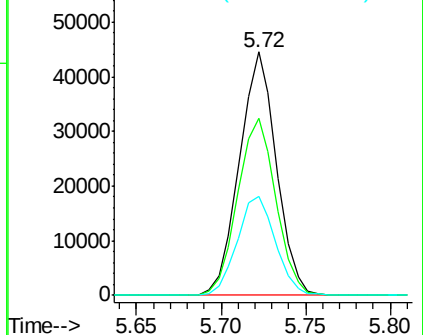
63 40.5 21.7 32.5#



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: 22.34 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

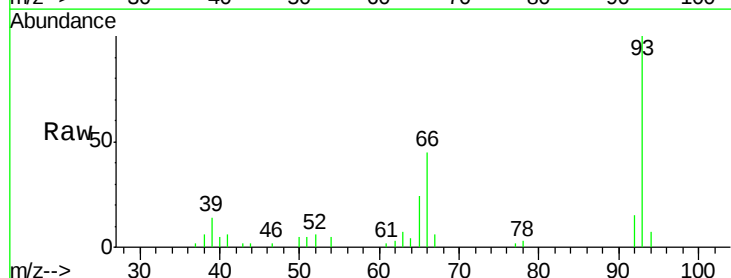
Tgt Ion: 93 Resp: 16121

Ion Ratio Lower Upper

93 100

66 45.1 30.1 45.1

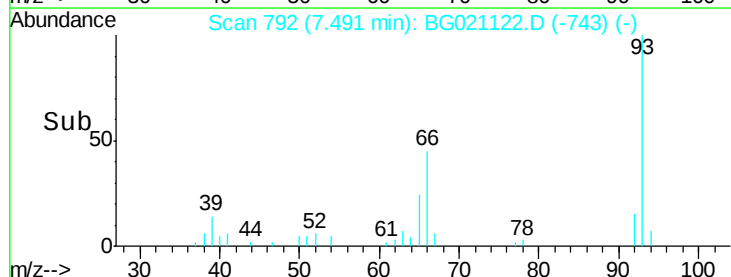
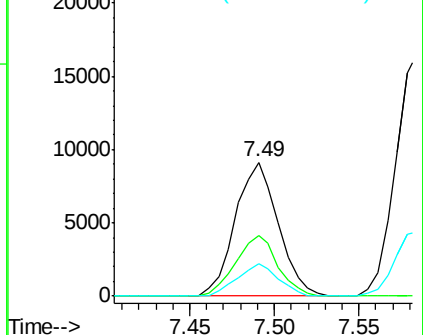
65 24.4 16.6 24.8

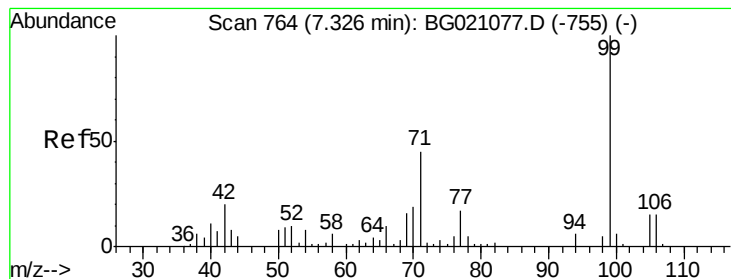


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 186.10 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

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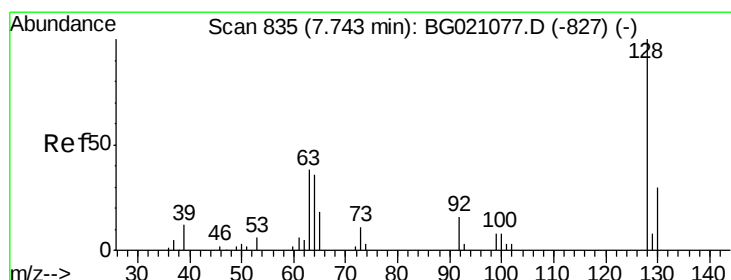
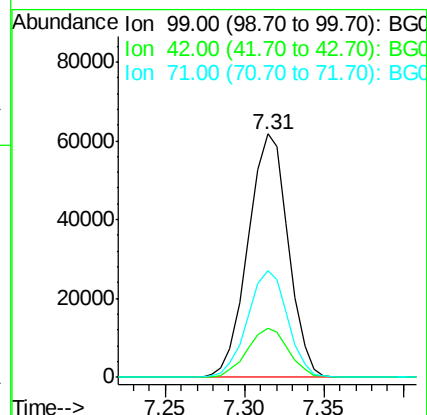
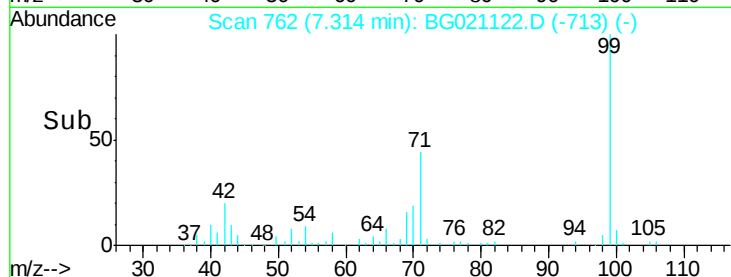
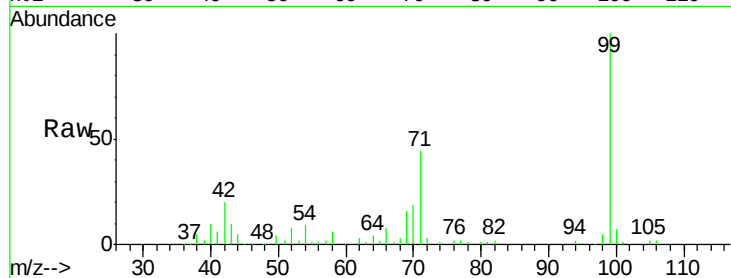
Tgt Ion: 99 Resp: 108577

Ion Ratio Lower Upper

99 100

42 20.2 13.2 19.8#

71 43.6 25.2 37.8#



#8

2-Chlorophenol

Concen: 55.82 ng

RT: 7.73 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

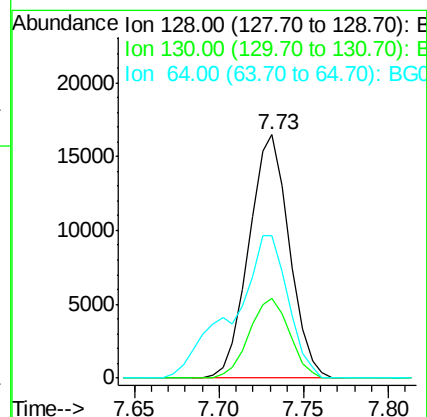
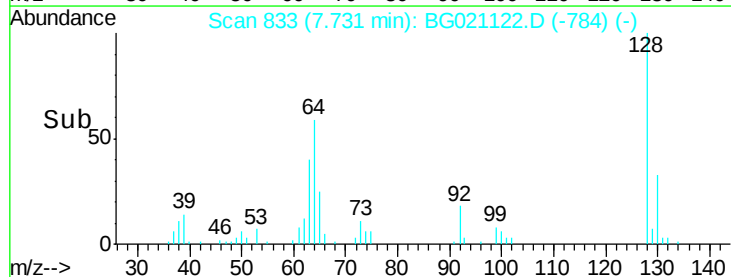
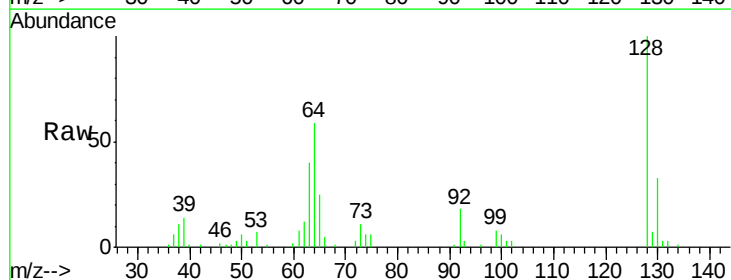
Tgt Ion: 128 Resp: 27295

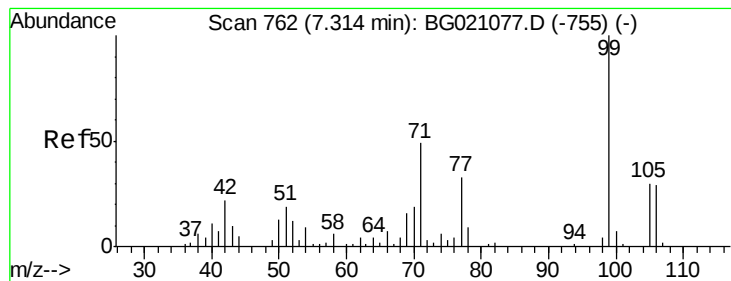
Ion Ratio Lower Upper

128 100

130 32.9 11.9 51.9

64 58.6 25.8 65.8





#9

Benzaldehyde

Concen: 13.94 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021122.D

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ClientSampleId :

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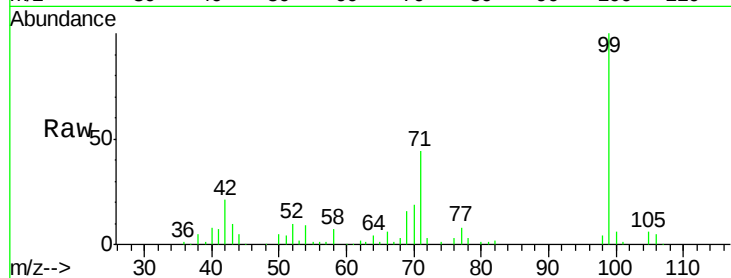
Tgt Ion: 77 Resp: 4406

Ion Ratio Lower Upper

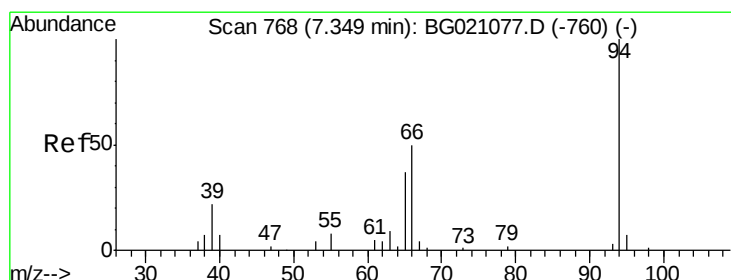
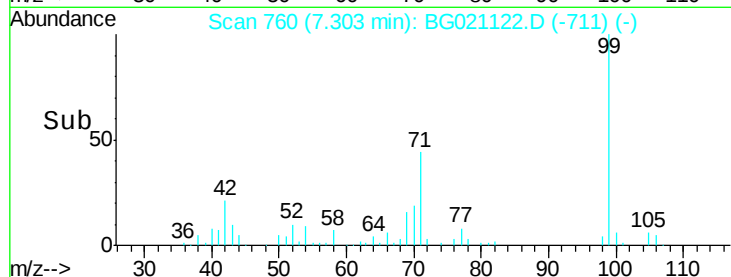
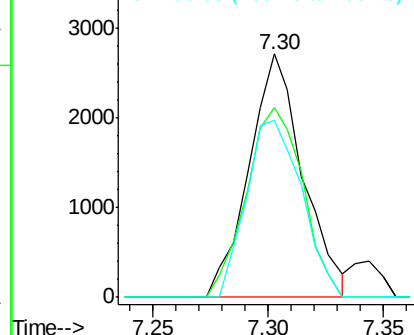
77 100

105 78.0 77.4 117.4

106 72.5 72.8 112.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 66.09 ng

RT: 7.34 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

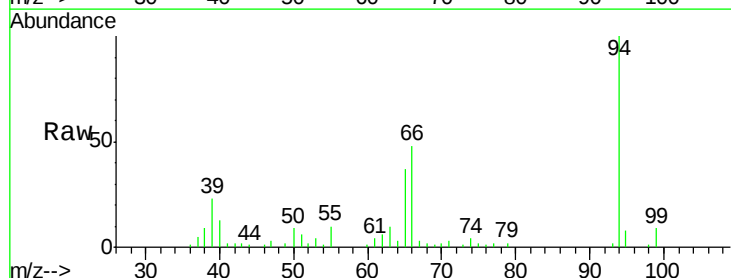
Tgt Ion: 94 Resp: 39500

Ion Ratio Lower Upper

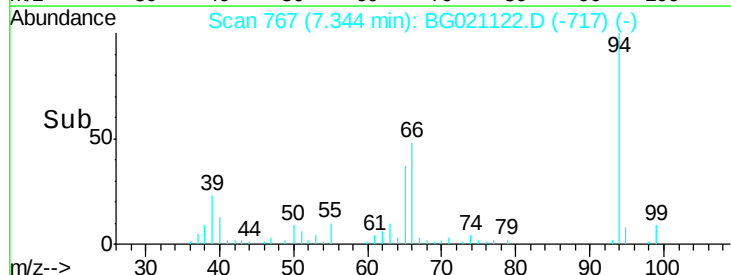
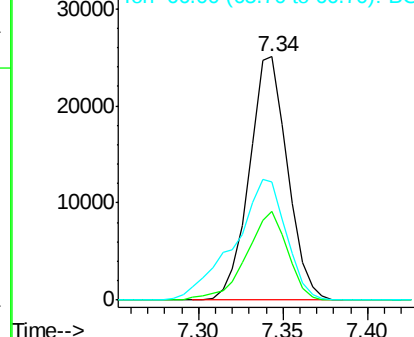
94 100

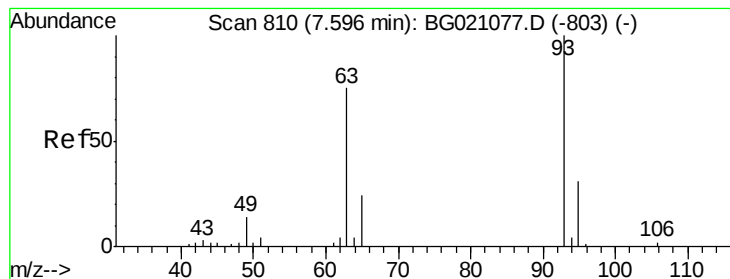
65 36.6 7.2 47.2

66 48.5 15.4 55.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 54.38 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

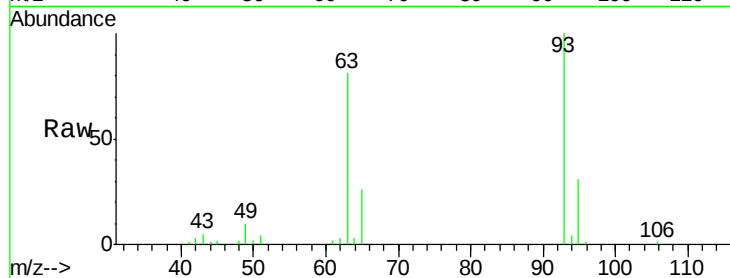
Tgt Ion: 93 Resp: 24913

Ion Ratio Lower Upper

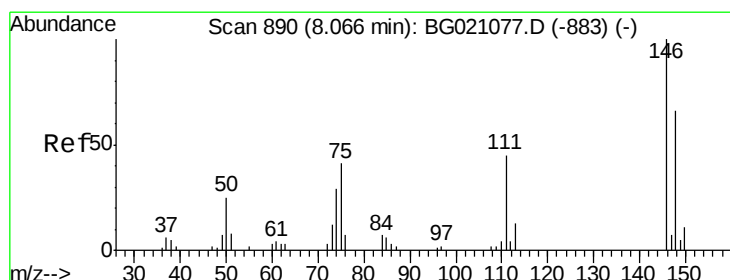
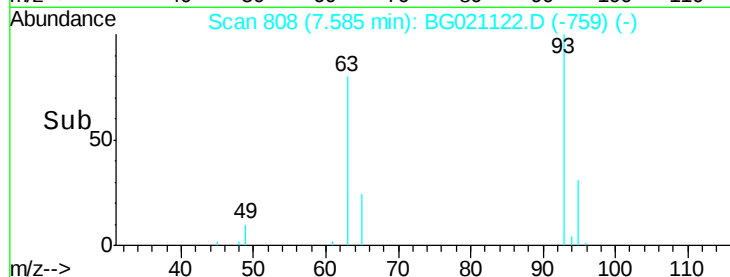
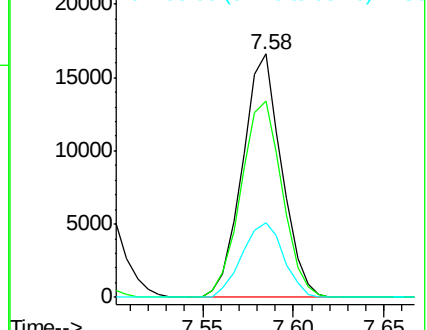
93 100

63 80.8 60.5 100.5

95 30.5 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: 47.24 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

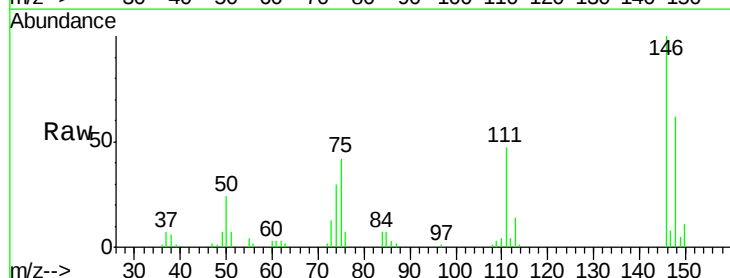
Tgt Ion: 146 Resp: 24584

Ion Ratio Lower Upper

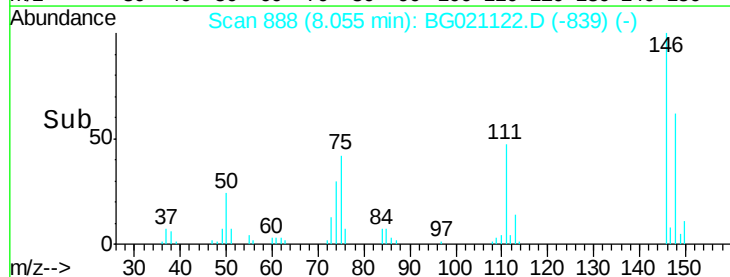
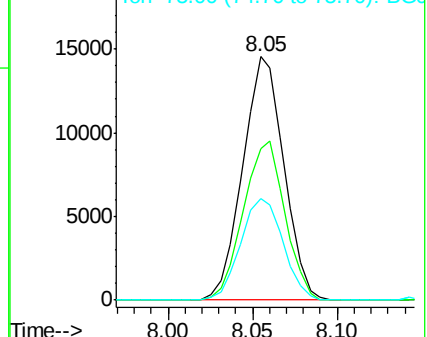
146 100

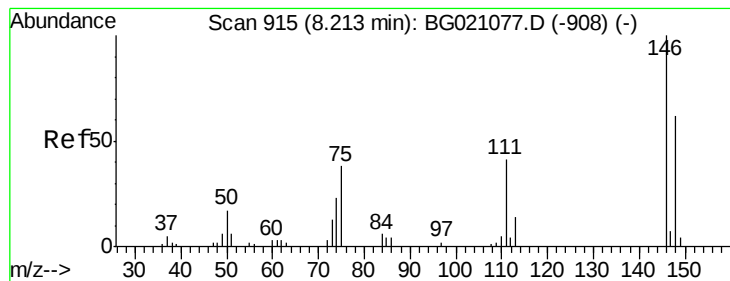
148 62.4 52.6 78.8

75 41.7 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: 45.71 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

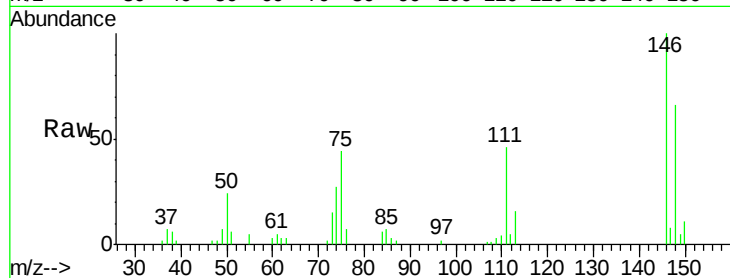
Tgt Ion:146 Resp: 25415

Ion Ratio Lower Upper

146 100

148 66.4 50.2 75.4

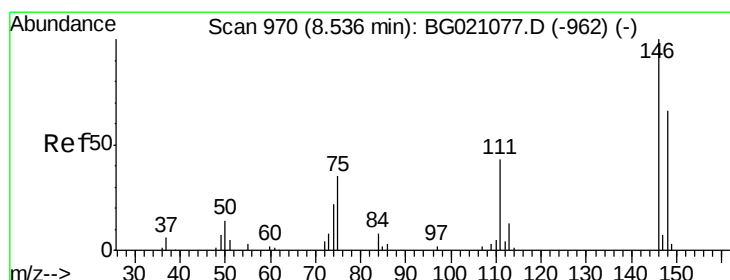
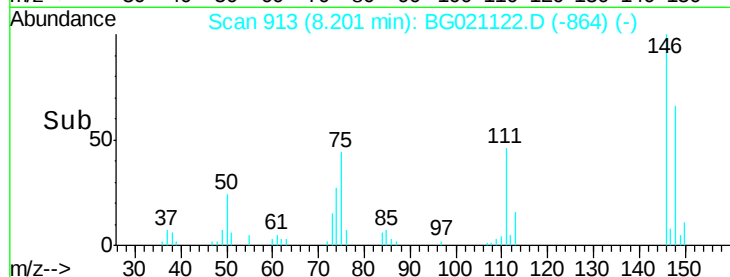
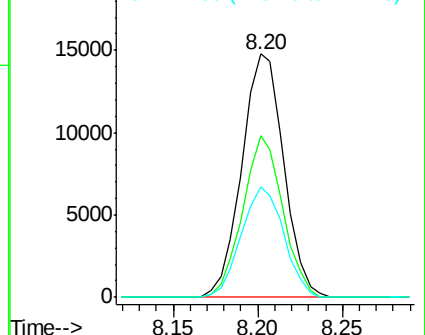
111 45.6 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.83 ng

RT: 8.52 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

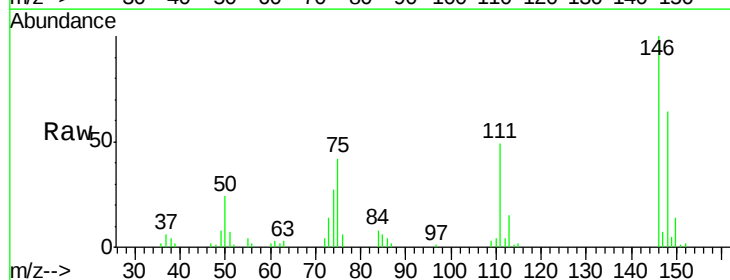
Tgt Ion:146 Resp: 25178

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

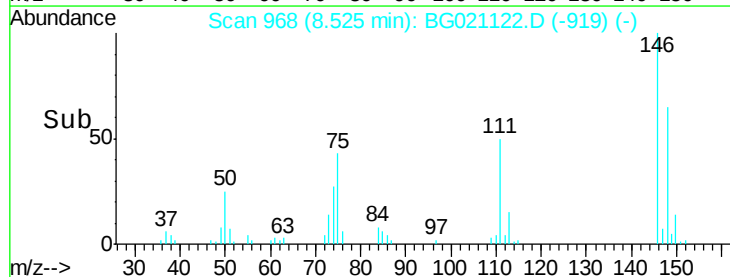
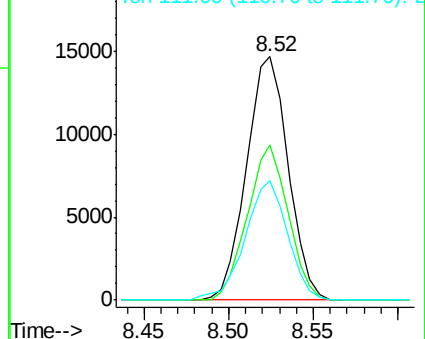
111 48.8 35.4 53.2

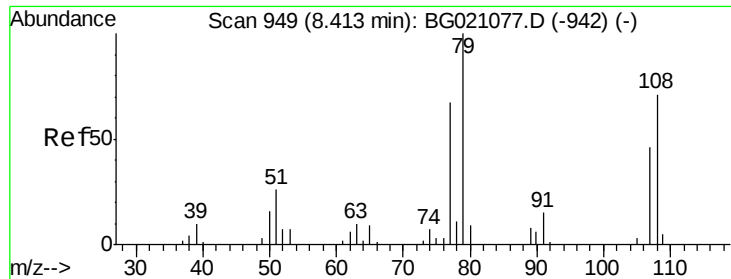


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 64.11 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

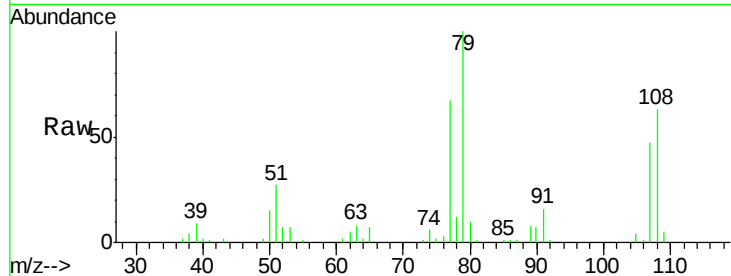
Tgt Ion: 79 Resp: 32672

Ion Ratio Lower Upper

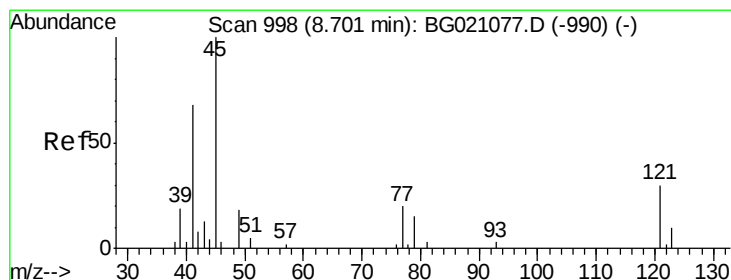
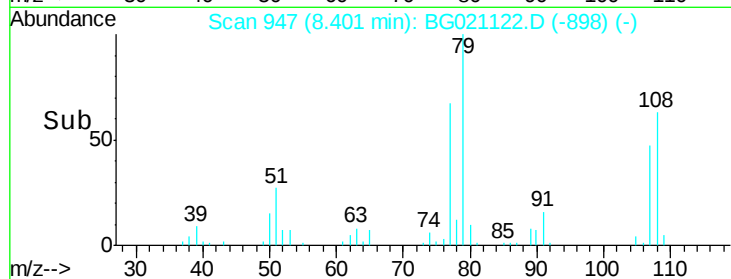
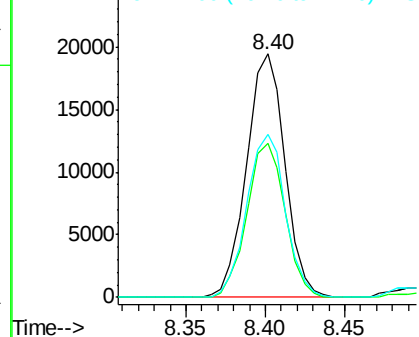
79 100

108 63.2 65.1 97.7#

77 67.0 53.8 80.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.46 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

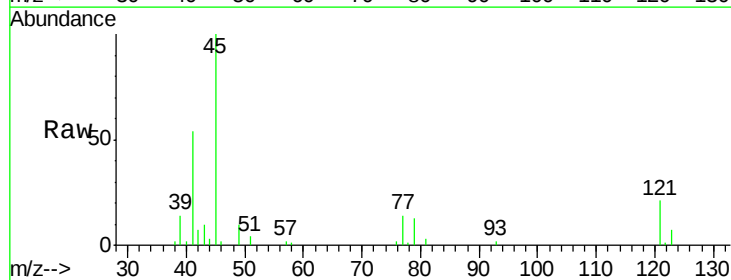
Tgt Ion: 45 Resp: 36482

Ion Ratio Lower Upper

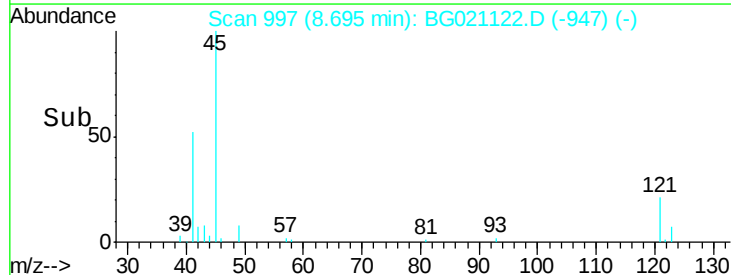
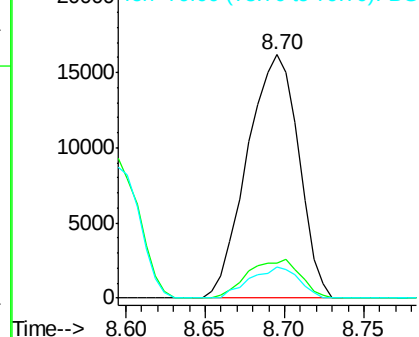
45 100

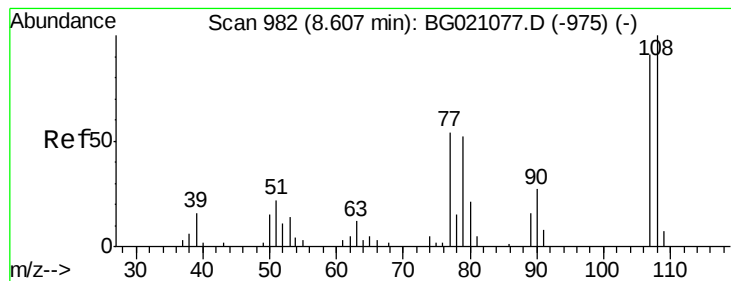
77 14.3 0.0 33.3

79 12.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 62.00 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tgt Ion:107 Resp: 26155

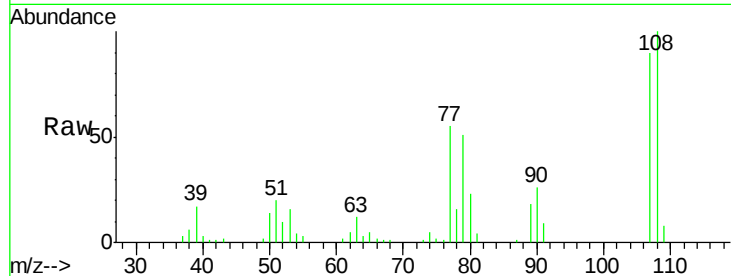
Ion Ratio Lower Upper

107 100

108 110.5 88.8 133.2

77 60.8 38.0 57.0#

79 56.9 32.6 49.0#



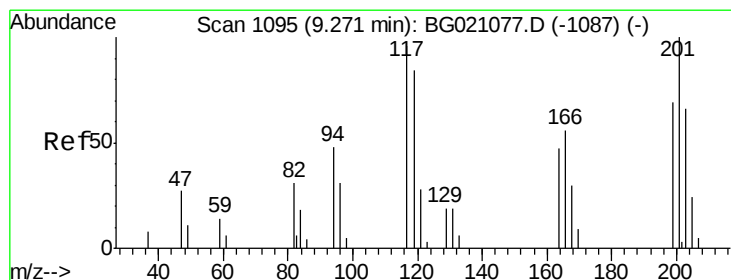
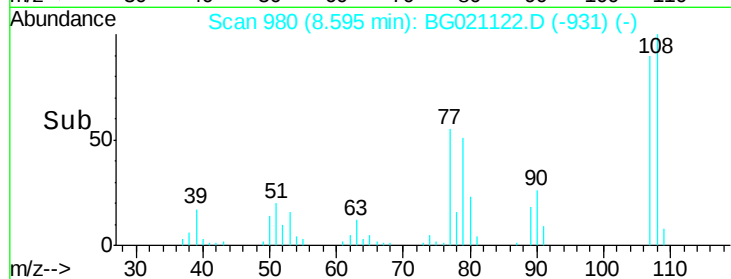
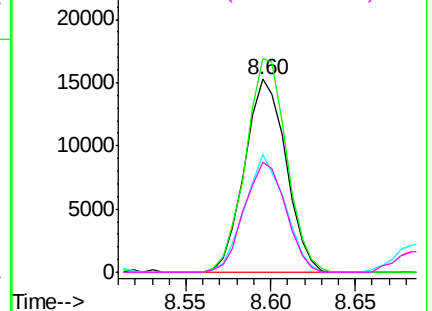
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.51 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

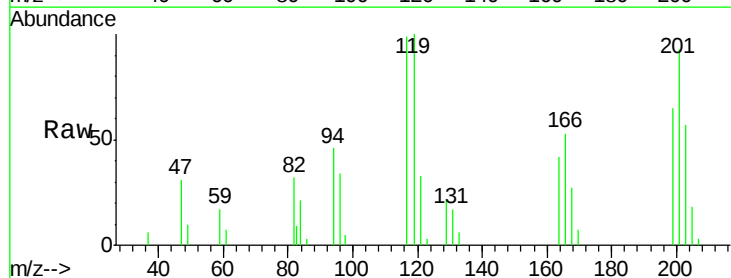
Tgt Ion:117 Resp: 10203

Ion Ratio Lower Upper

117 100

119 101.3 74.5 111.7

201 93.8 68.2 102.4

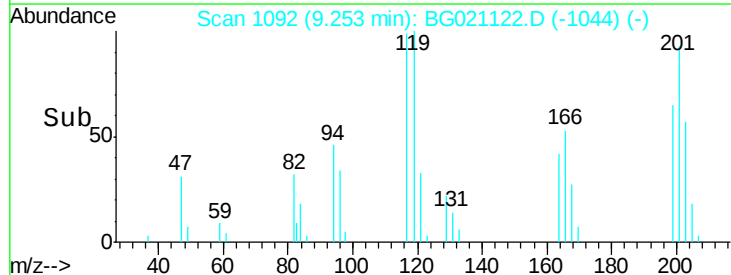
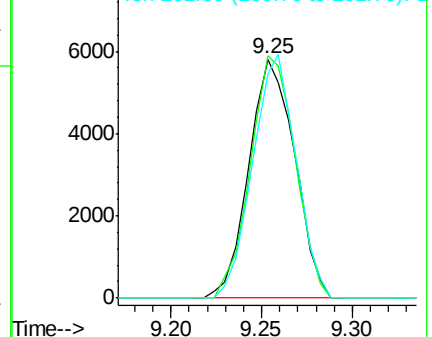


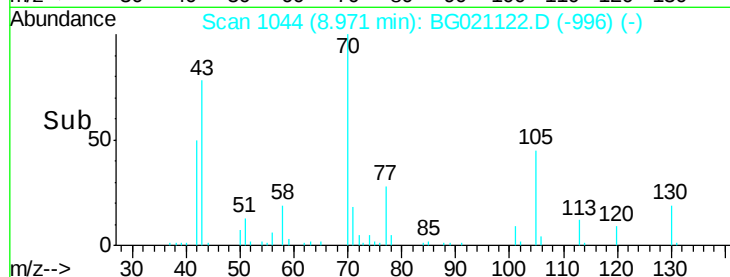
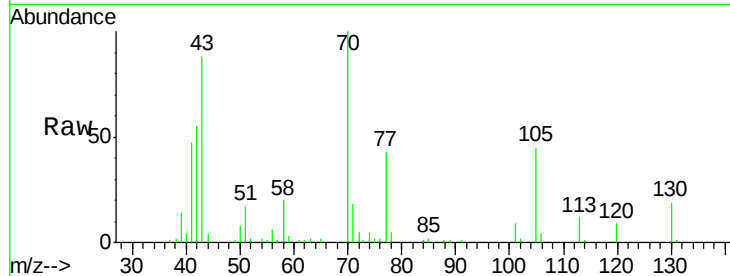
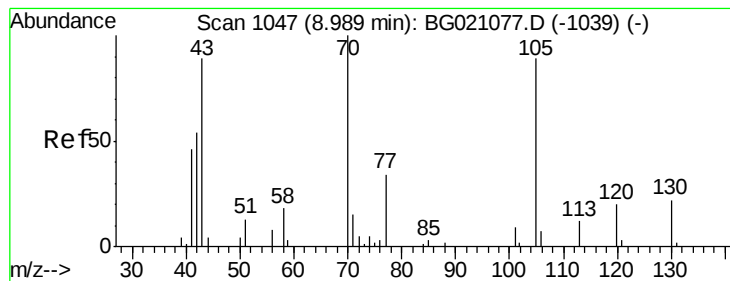
Abundance

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: 59.74 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tgt Ion: 70 Resp: 26884

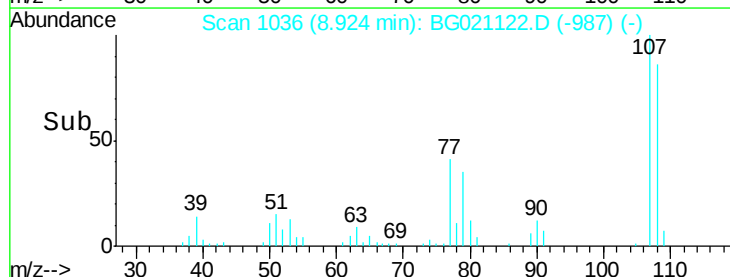
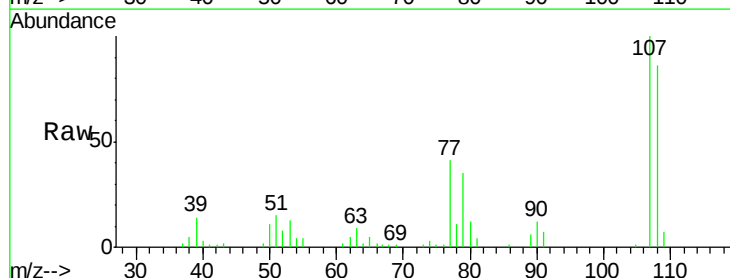
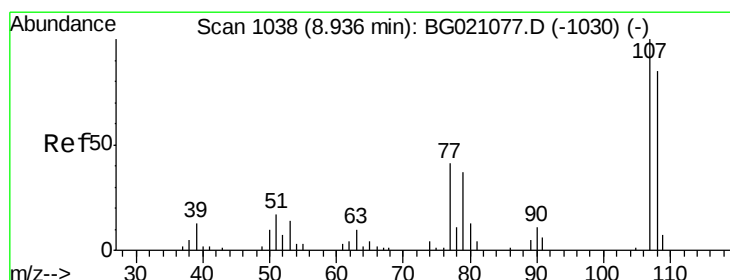
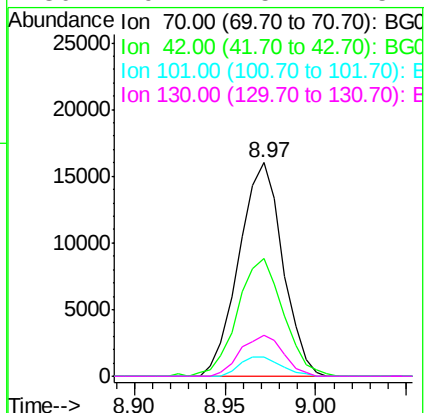
Ion Ratio Lower Upper

70 100

42 55.4 48.8 73.2

101 9.2 8.5 12.7

130 19.1 15.4 23.2



#20

3+4-Methylphenols

Concen: 62.53 ng

RT: 8.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion: 107 Resp: 36576

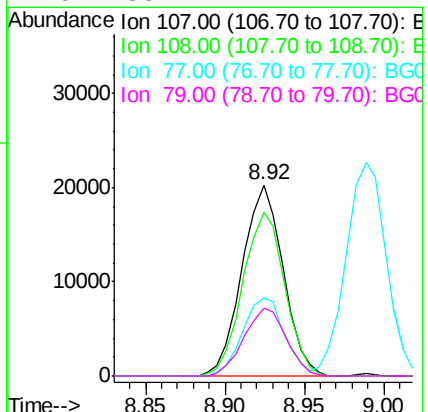
Ion Ratio Lower Upper

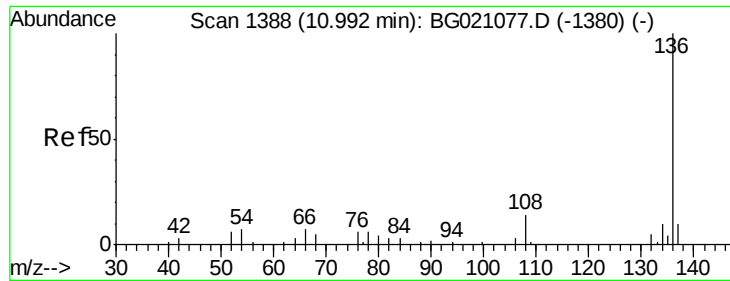
107 100

108 86.1 67.6 107.6

77 40.9 14.4 54.4

79 35.4 7.7 47.7

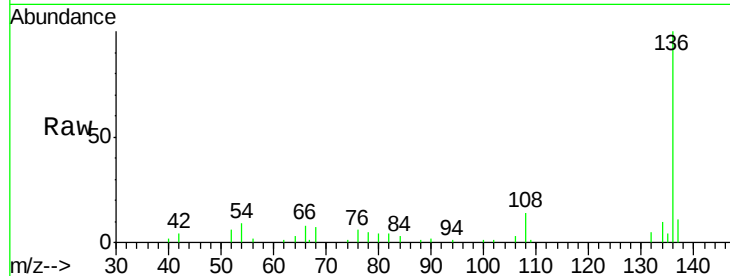




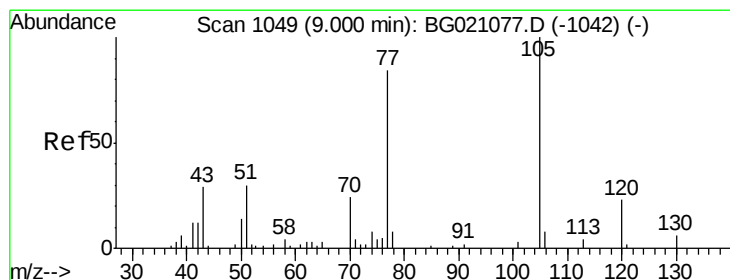
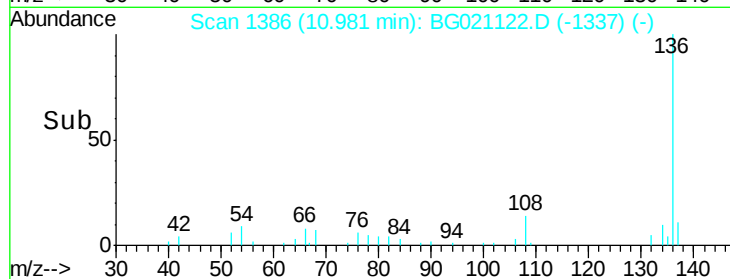
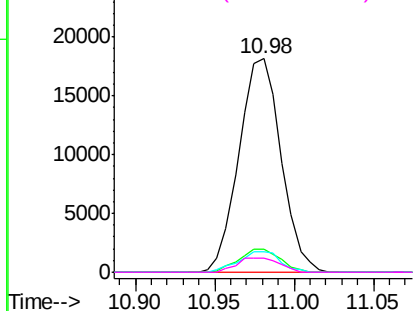
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

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

Tgt Ion:	136	Resp:	33517
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.5	6.9	10.3
68	6.8	5.8	8.6

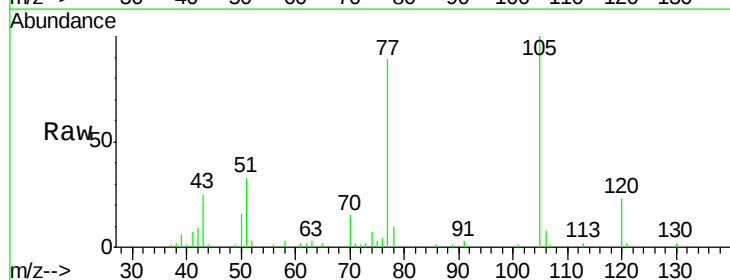


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

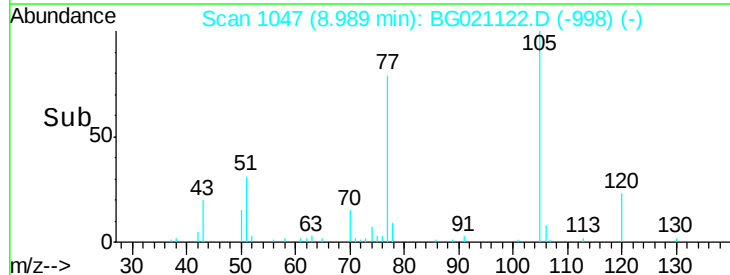
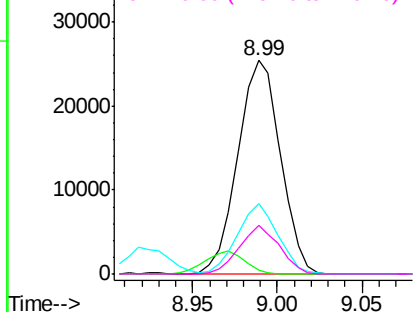


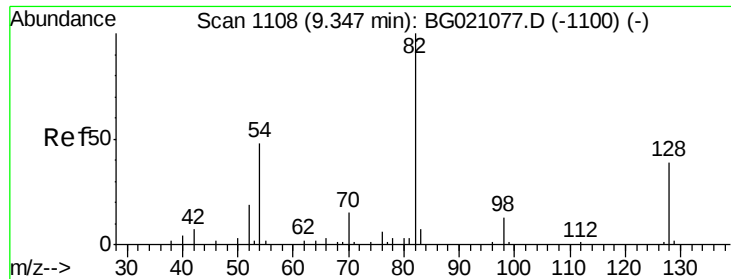
#22
Acetophenone
Concen: 48.27 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:	105	Resp:	44653
Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.0	0.0#
51	33.2	21.4	32.2#
120	22.6	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

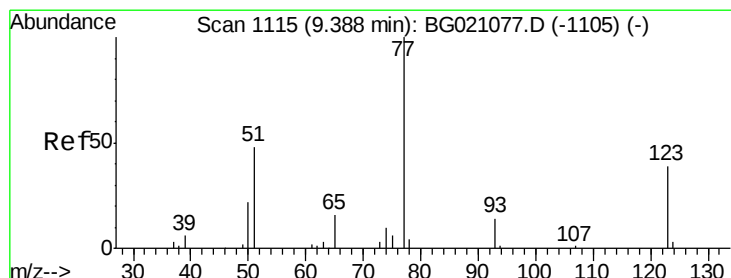
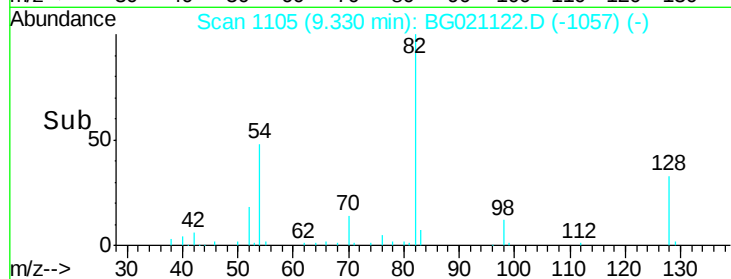
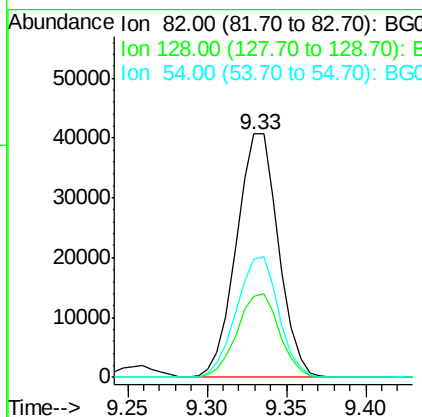
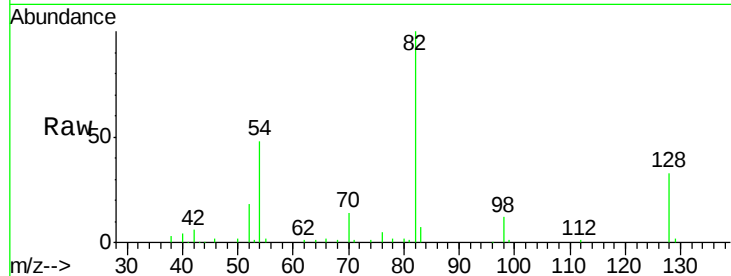




#23
 Nitrobenzene-d5
 Concen: 106.35 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

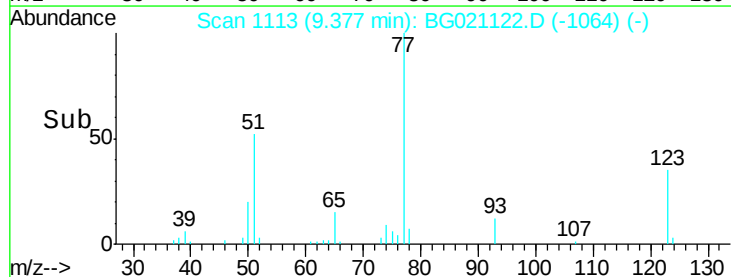
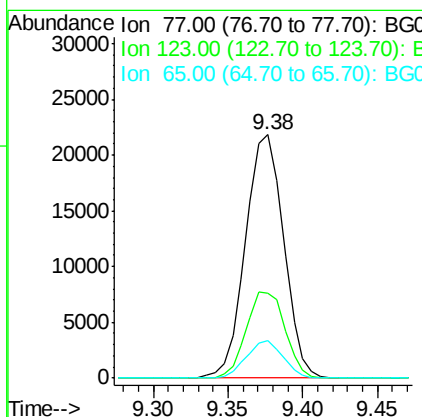
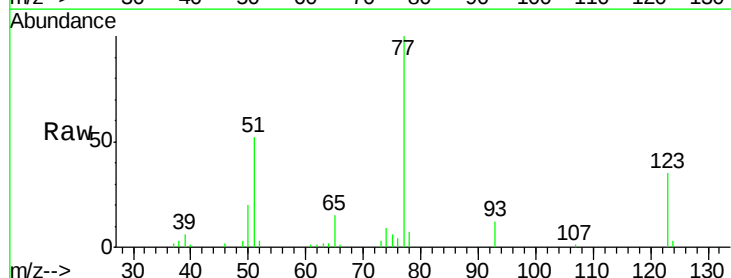
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

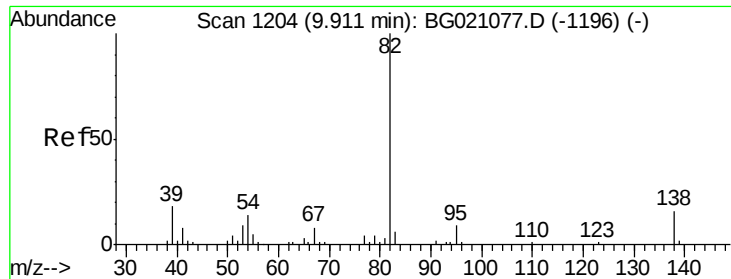
Tgt Ion: 82 Resp: 74811
 Ion Ratio Lower Upper
 82 100
 128 33.3 36.3 54.5#
 54 48.4 37.6 56.4



#24
 Nitrobenzene
 Concen: 53.23 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion: 77 Resp: 38681
 Ion Ratio Lower Upper
 77 100
 123 34.7 35.8 53.6#
 65 15.2 10.6 16.0





#25

Isophorone

Concen: 56.24 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

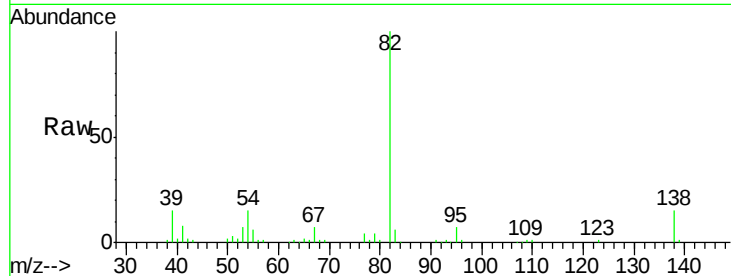
Tgt Ion: 82 Resp: 74151

Ion Ratio Lower Upper

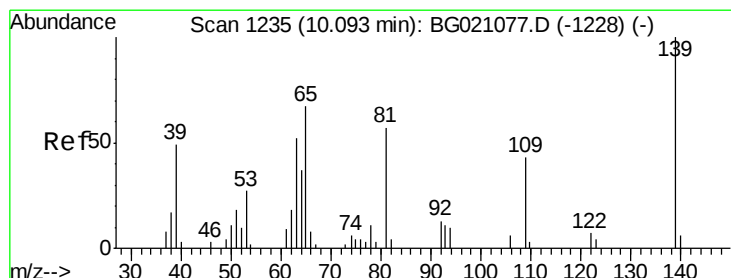
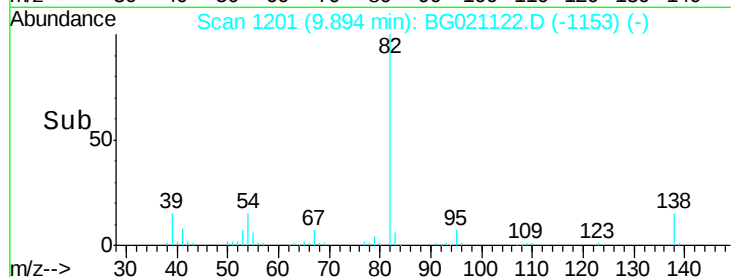
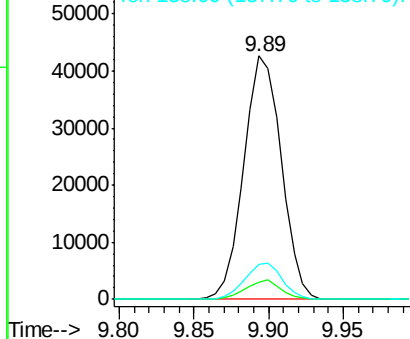
82 100

95 7.3 5.4 8.0

138 14.5 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.28 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

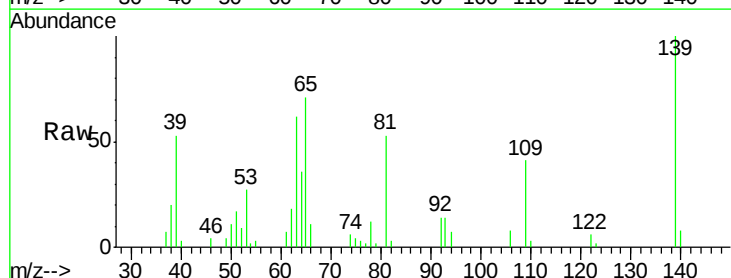
Tgt Ion: 139 Resp: 15142

Ion Ratio Lower Upper

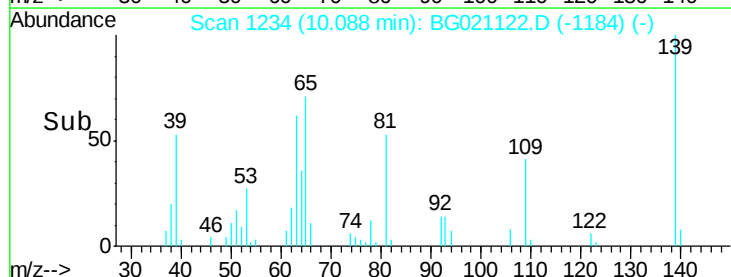
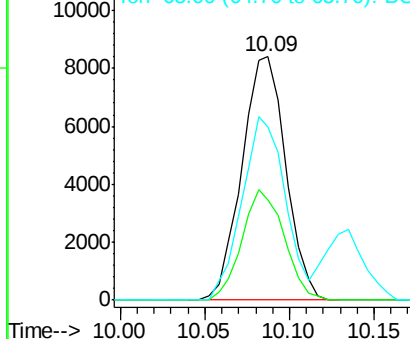
139 100

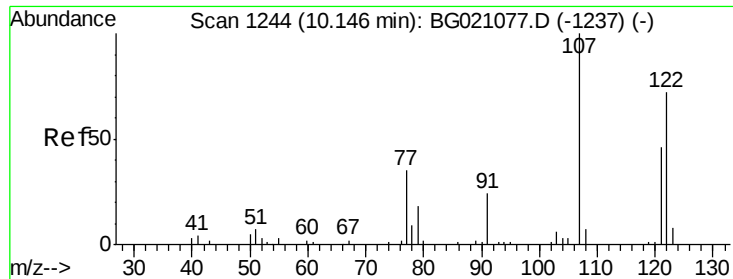
109 41.0 21.4 32.0#

65 71.4 37.8 56.8#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

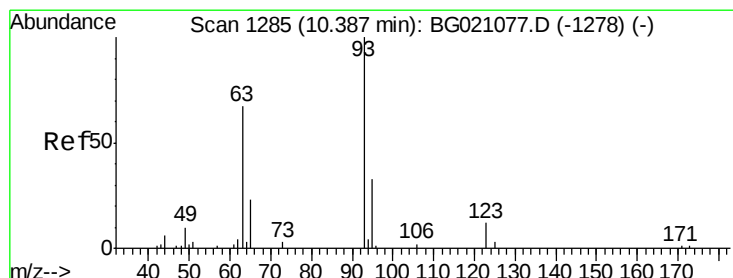
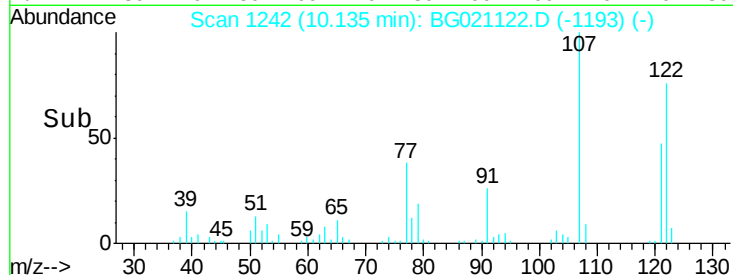
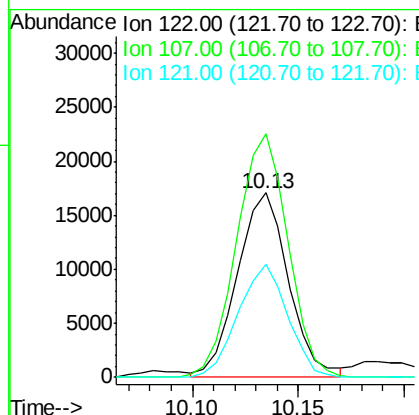
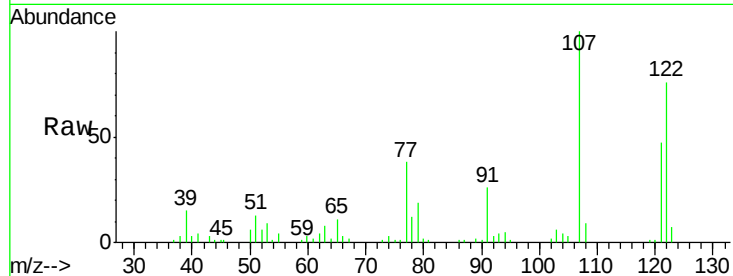




#27
 2,4-Dimethylphenol
 Concen: 52.91 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

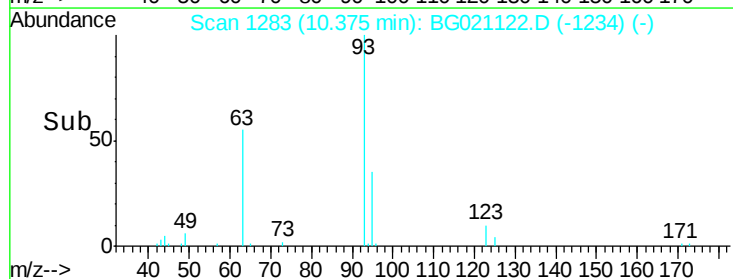
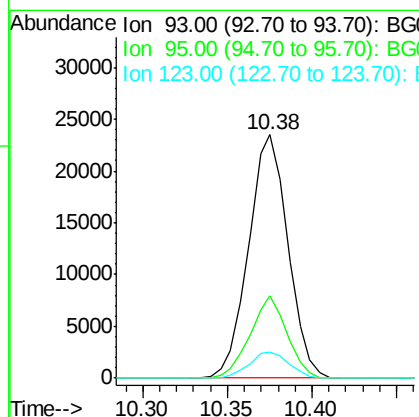
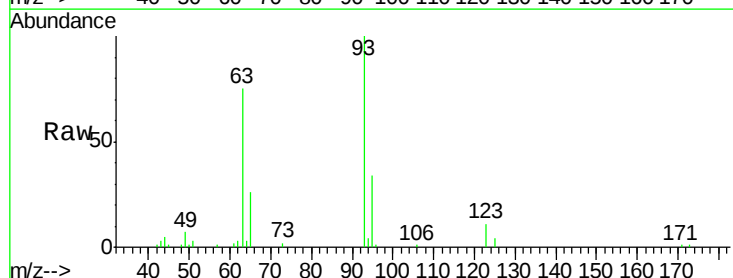
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

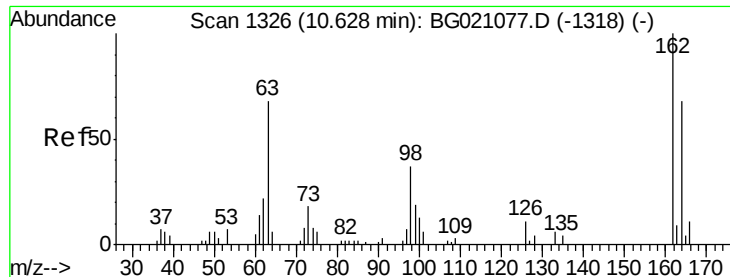
Tgt Ion:	122	Resp:	28676
Ion	Ratio	Lower	Upper
122	100		
107	132.1	94.1	141.1
121	61.4	45.9	68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.23 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:	93	Resp:	38061
Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.2	36.2
123	10.6	9.0	13.6

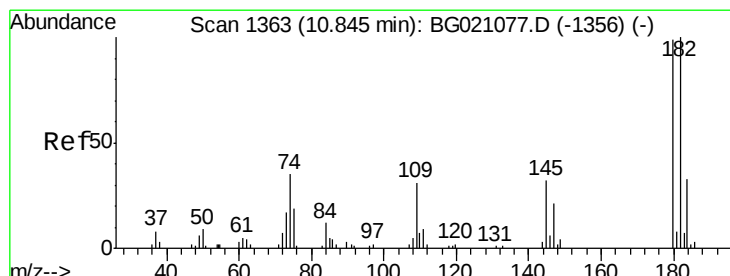
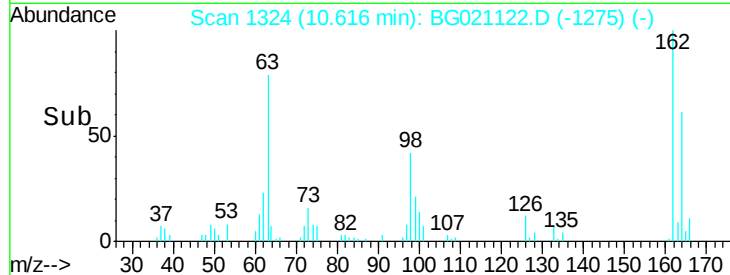
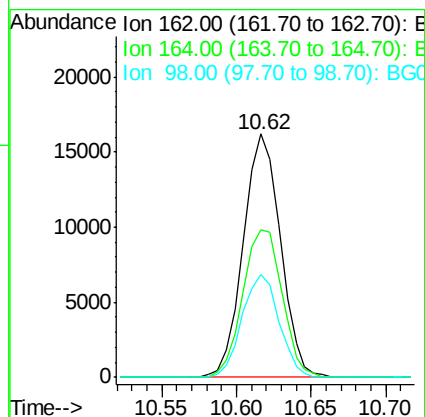
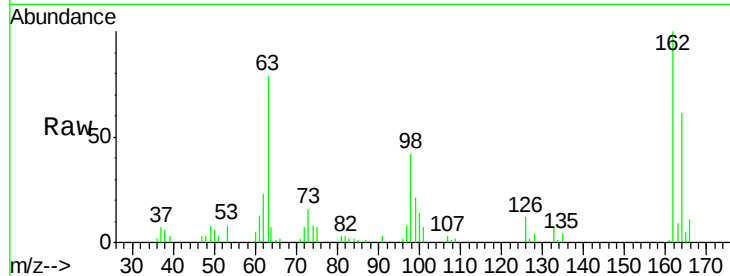




#29
 2,4-Dichlorophenol
 Concen: 52.64 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

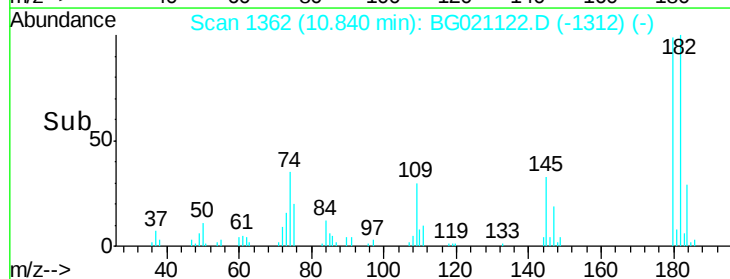
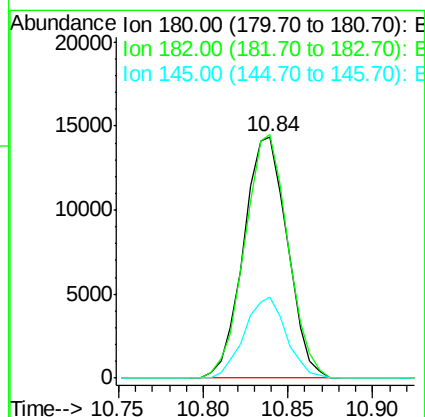
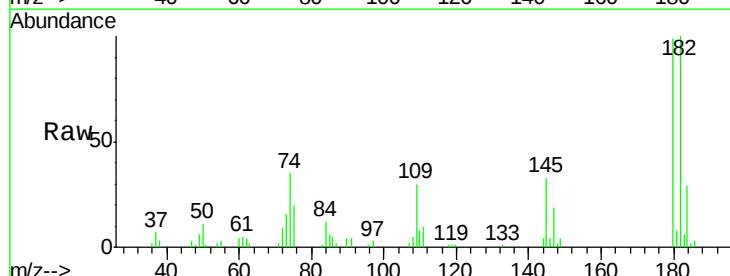
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

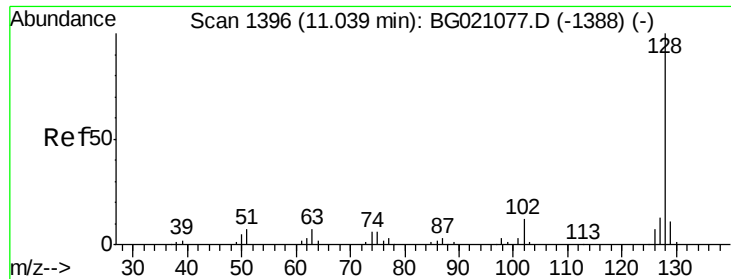
Tgt Ion:162 Resp: 27928
 Ion Ratio Lower Upper
 162 100
 164 60.7 43.7 83.7
 98 42.0 18.3 58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.86 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:180 Resp: 25772
 Ion Ratio Lower Upper
 180 100
 182 100.9 77.4 116.0
 145 33.4 25.7 38.5

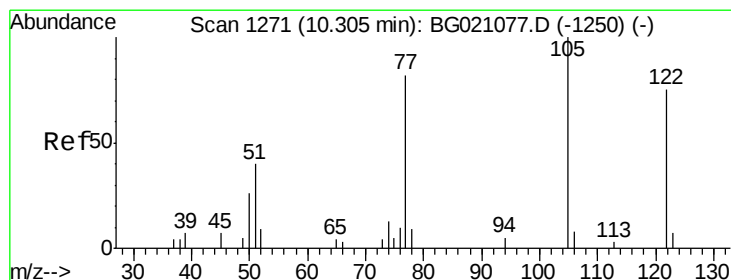
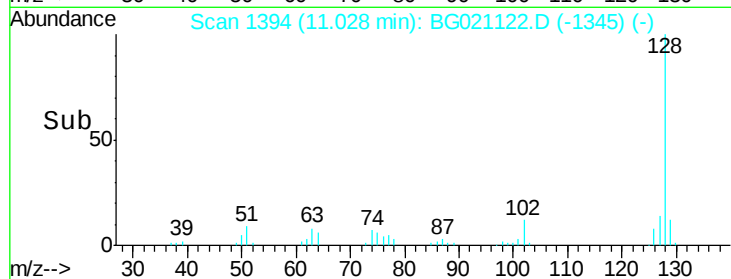
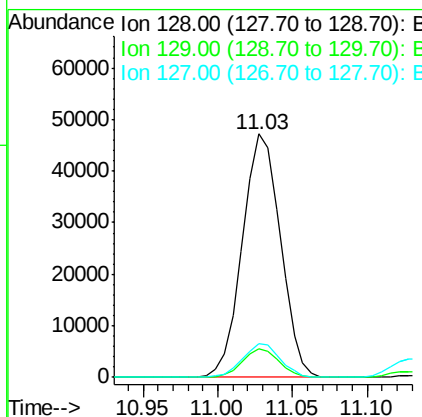
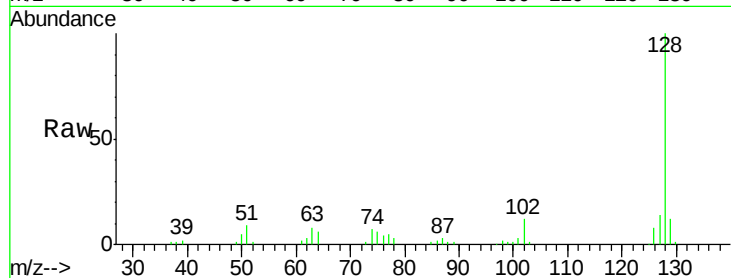




#31
Naphthalene
Concen: 48.47 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

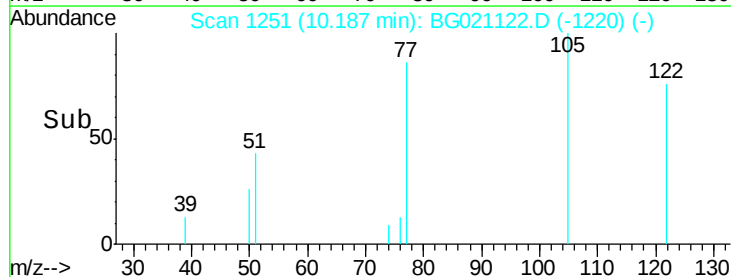
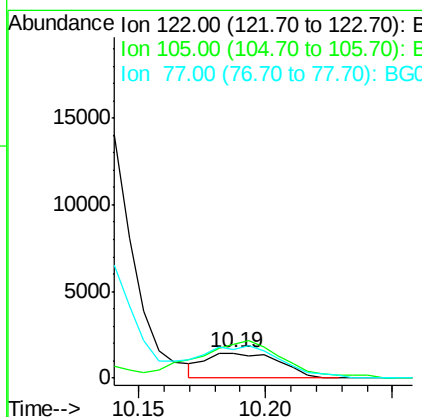
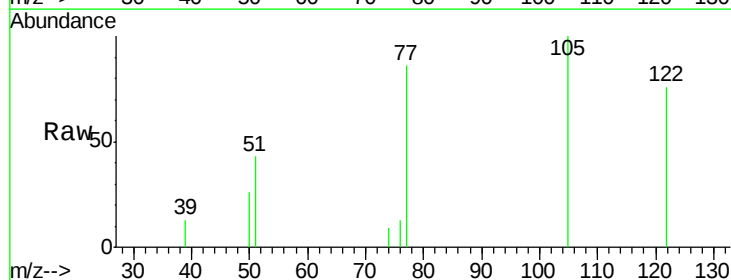
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

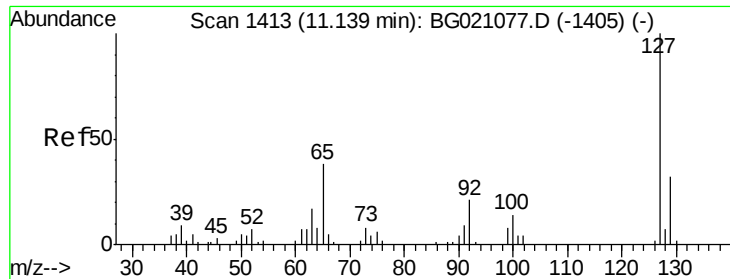
Tgt Ion:128 Resp: 83449
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 5.90 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.12 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:122 Resp: 2937
Ion Ratio Lower Upper
122 100
105 131.9 98.7 138.7
77 113.1 84.5 124.5

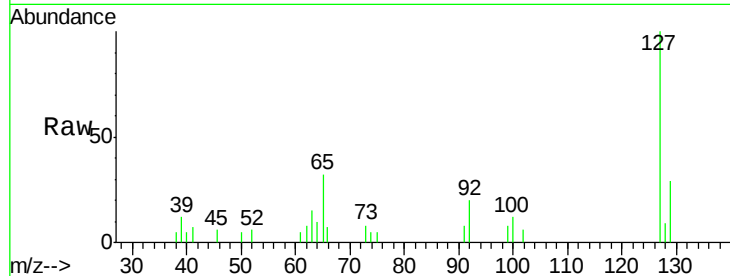




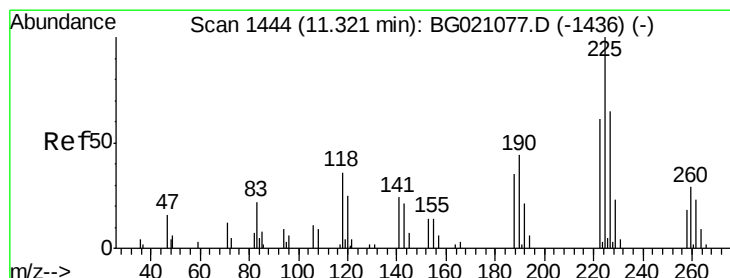
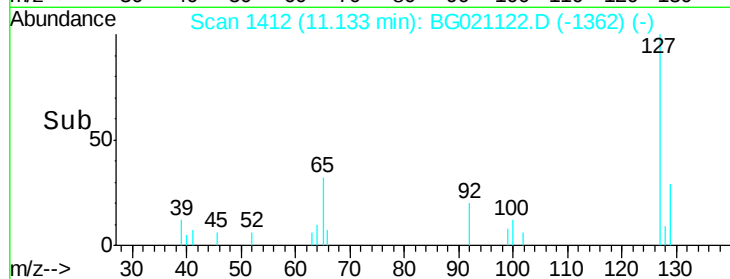
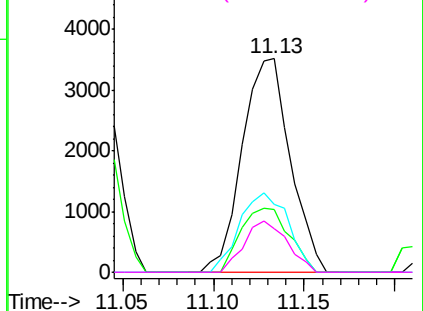
#33
4-Chloroaniline
Concen: 9.04 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

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

Tgt Ion:	127	Resp:	6504
Ion	Ratio	Lower	Upper
127	100		
129	29.1	26.2	39.2
65	31.7	22.9	34.3
92	20.4	15.0	22.6

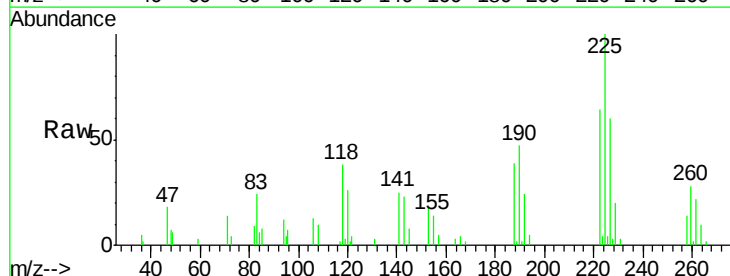


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

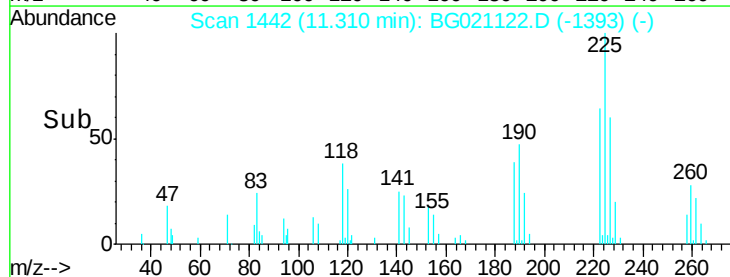
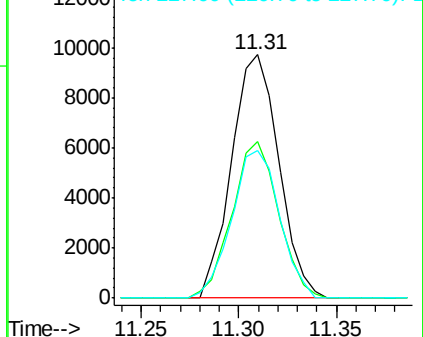


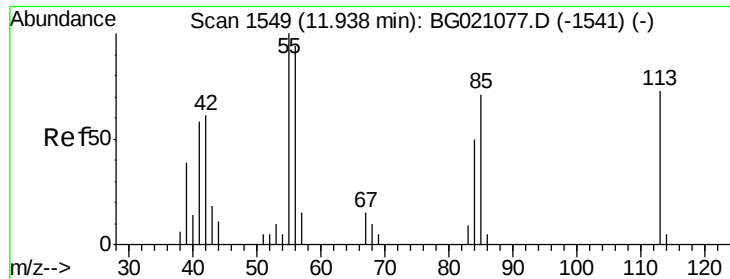
#34
Hexachlorobutadiene
Concen: 40.38 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:	225	Resp:	16248
Ion	Ratio	Lower	Upper
225	100		
223	64.9	54.6	82.0
227	60.7	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: 34.60 ng

RT: 11.90 min Scan# 1543

Delta R.T. -0.04 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

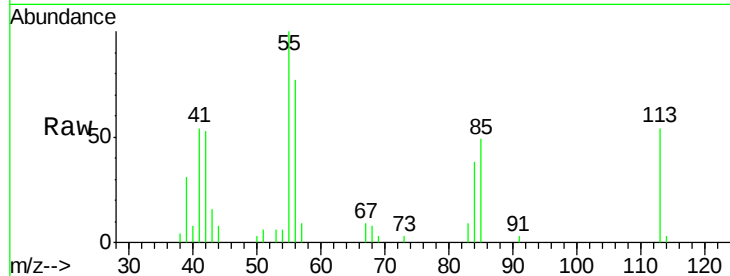
Tgt Ion:113 Resp: 6202

Ion Ratio Lower Upper

113 100

55 185.4 155.2 195.2

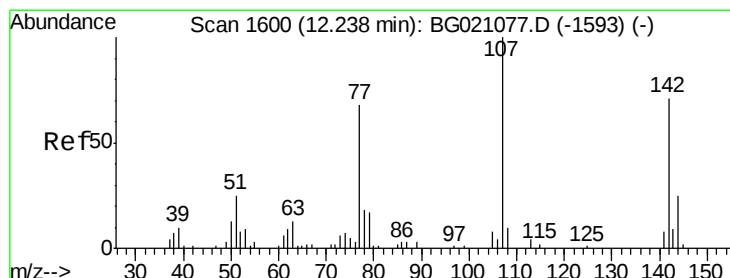
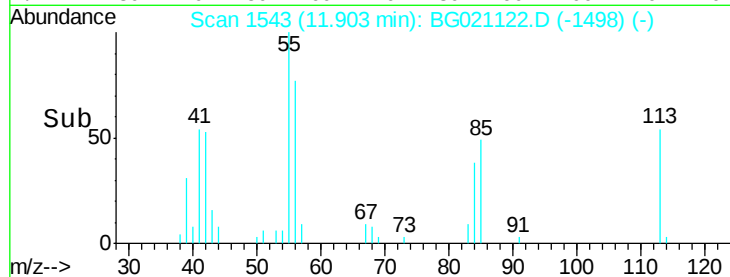
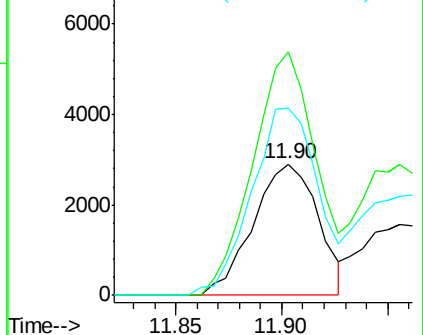
56 142.1 94.0 134.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 58.33 ng

RT: 12.23 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

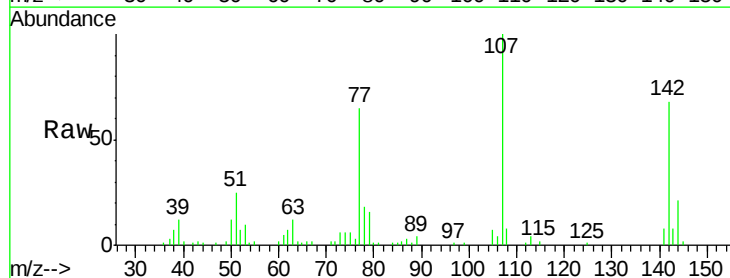
Tgt Ion:107 Resp: 37938

Ion Ratio Lower Upper

107 100

144 21.4 21.8 32.8#

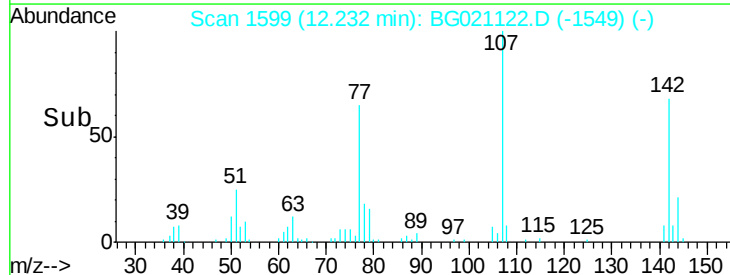
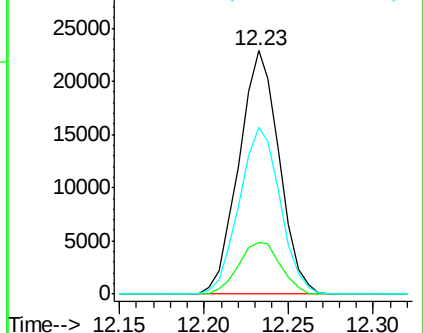
142 68.5 65.6 98.4

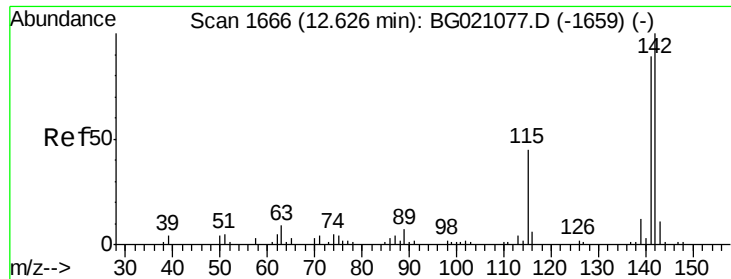


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

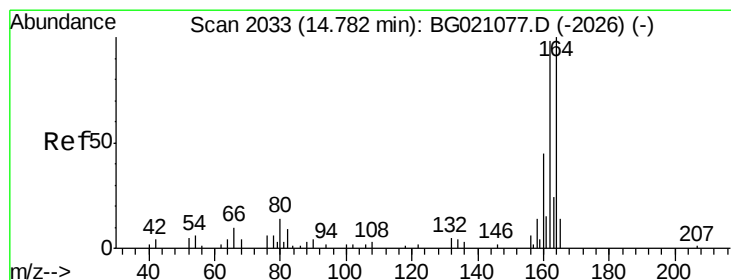
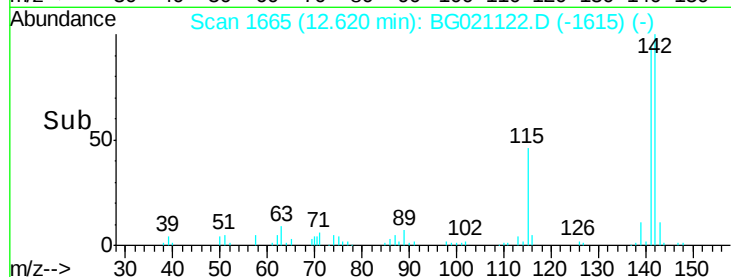
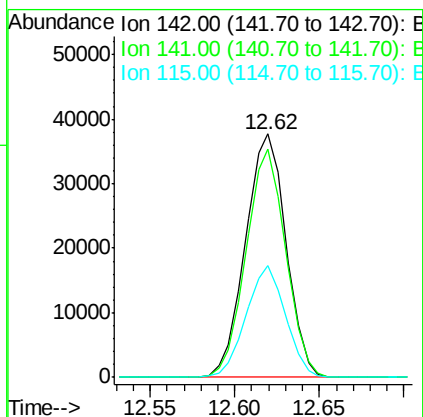
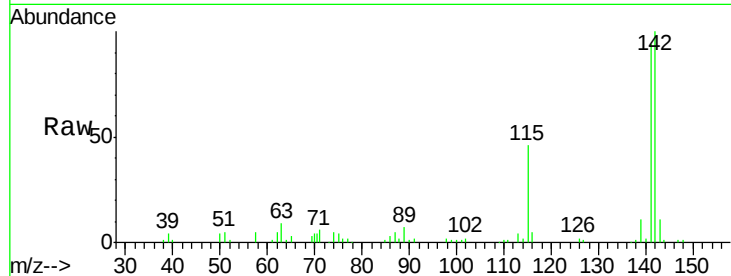




#37
2-Methylnaphthalene
Concen: 51.90 ng
RT: 12.62 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

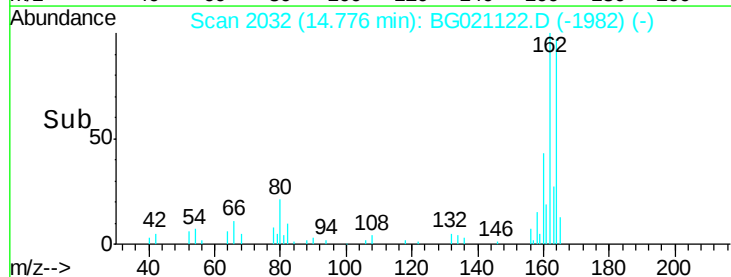
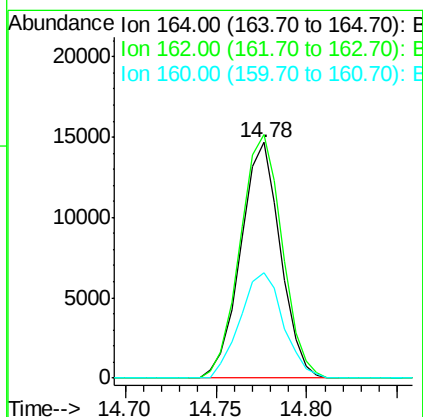
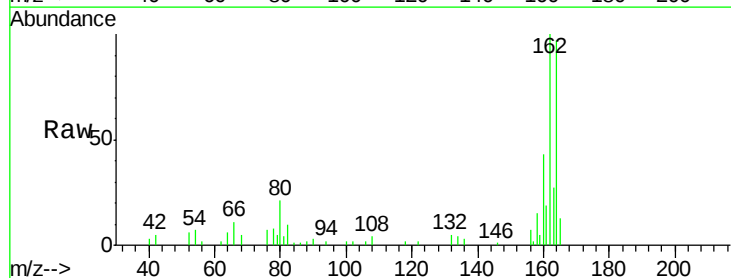
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

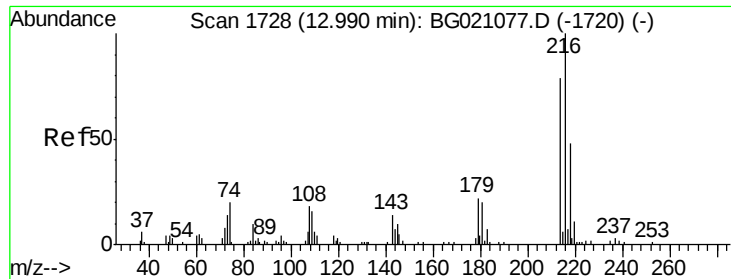
Tgt Ion:142 Resp: 62745
Ion Ratio Lower Upper
142 100
141 93.8 71.7 107.5
115 45.8 26.2 39.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:164 Resp: 22319
Ion Ratio Lower Upper
164 100
162 103.3 80.6 120.8
160 44.9 36.5 54.7

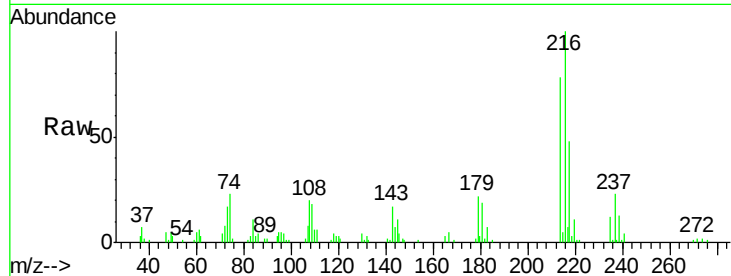




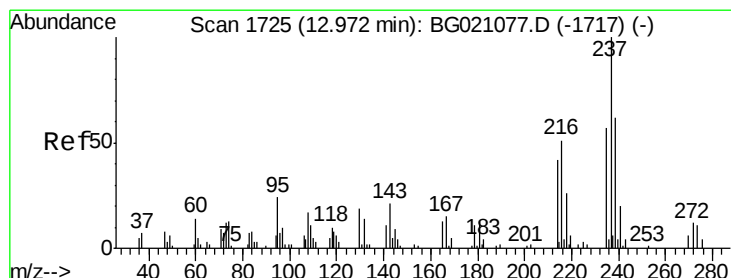
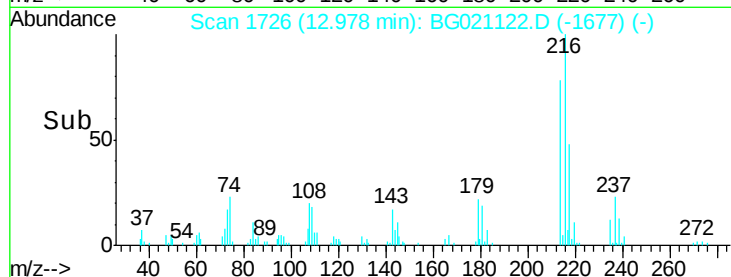
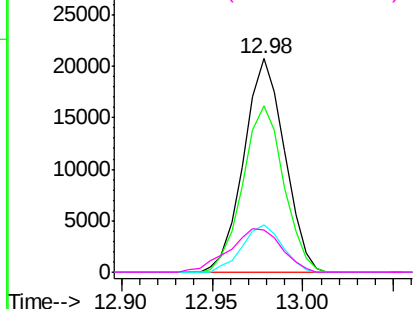
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.26 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

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

Tgt Ion:	216	Resp:	32385
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.5	95.3
179	21.8	17.4	26.0
108	26.1	16.8	25.2#

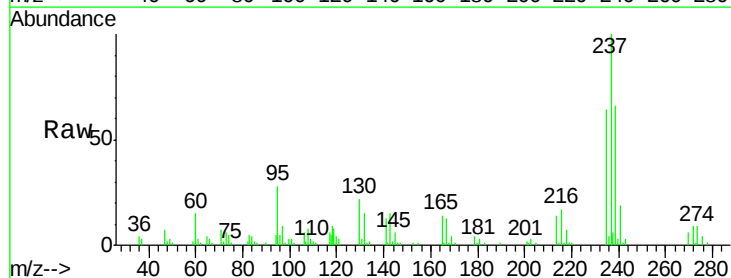


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

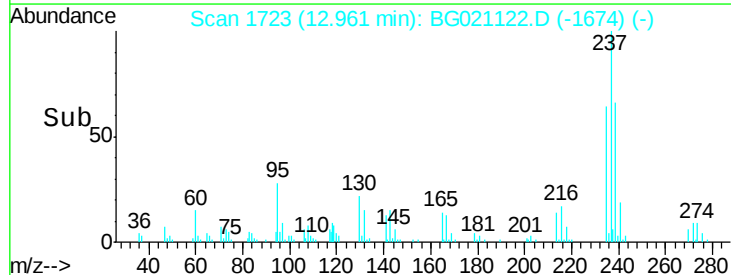
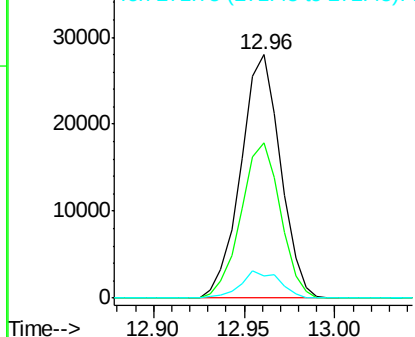


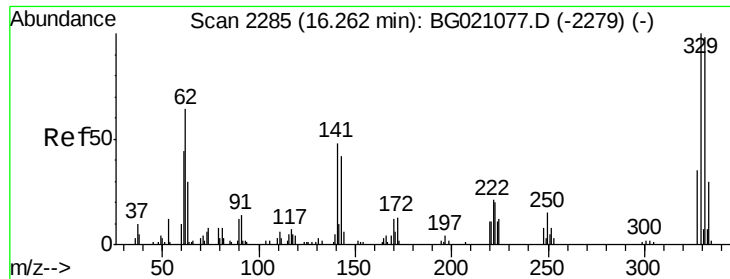
#40
 Hexachlorocyclopentadiene
 Concen: 78.60 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:	237	Resp:	42631
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.9	82.9
272	9.3	0.0	32.3



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

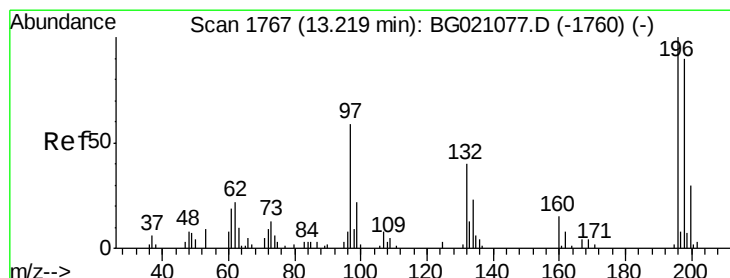
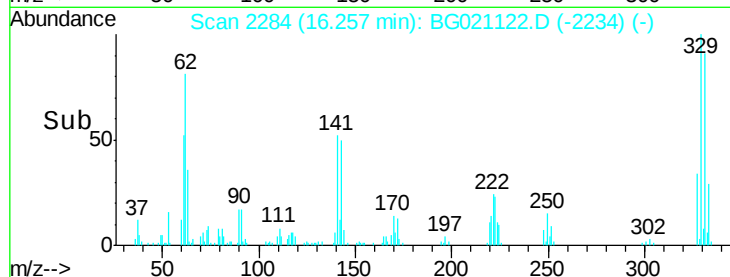
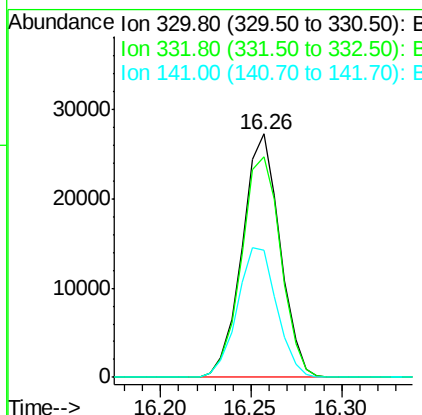
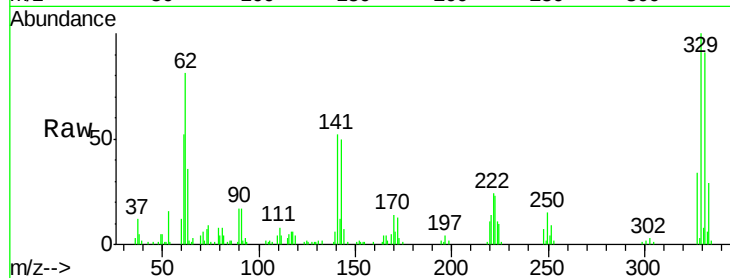




#41
 2,4,6-Tribromophenol
 Concen: 134.92 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

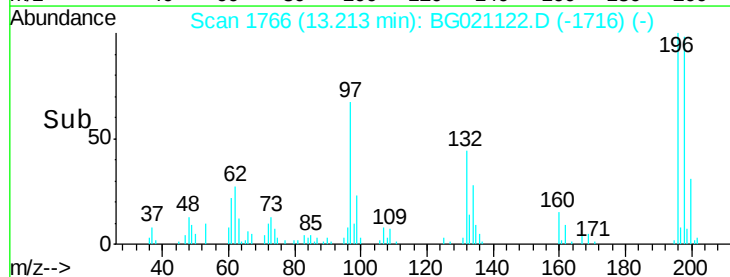
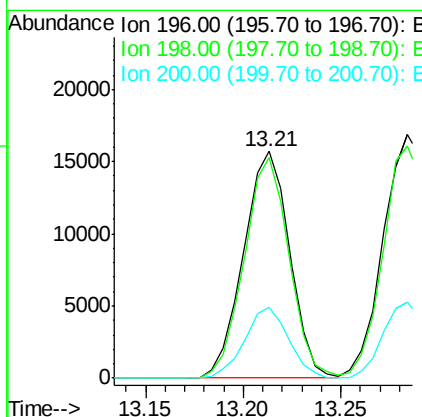
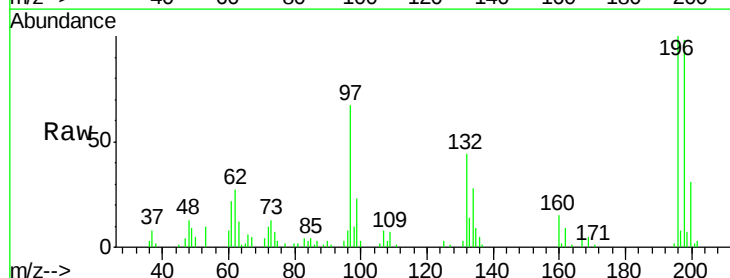
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

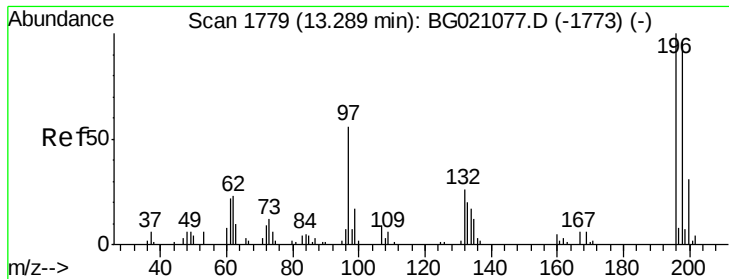
Tgt Ion:330 Resp: 39482
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.0
 141 55.6 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 49.63 ng
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:196 Resp: 25670
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.8 113.8
 200 31.3 23.8 35.8

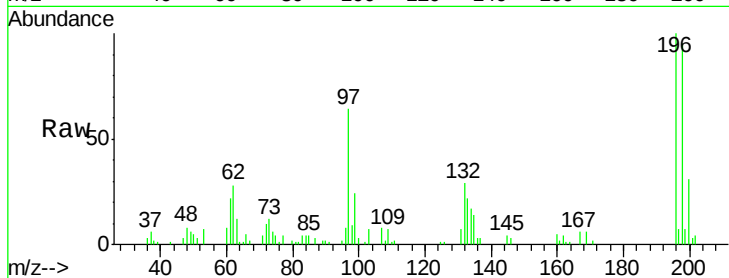




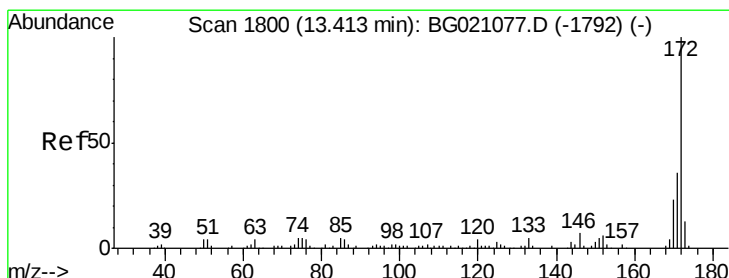
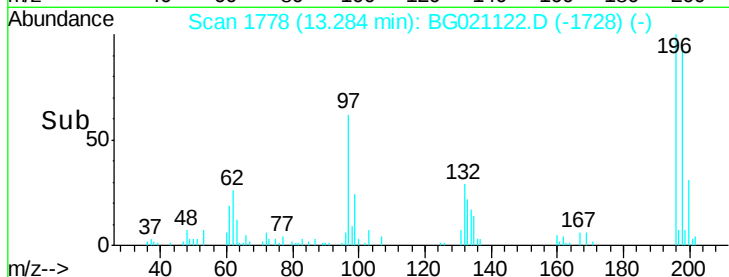
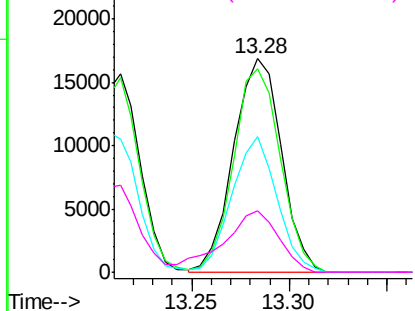
#43
 2,4,5-Trichlorophenol
 Concen: 53.93 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

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

Tgt Ion:	196	Resp:	28659
Ion	Ratio	Lower	Upper
196	100		
198	89.4	80.2	120.4
97	59.6	42.9	64.3
132	27.2	25.5	38.3

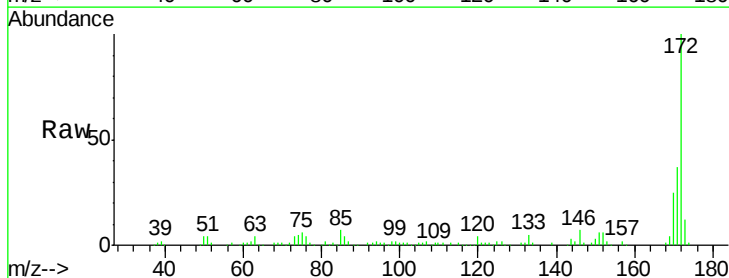


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

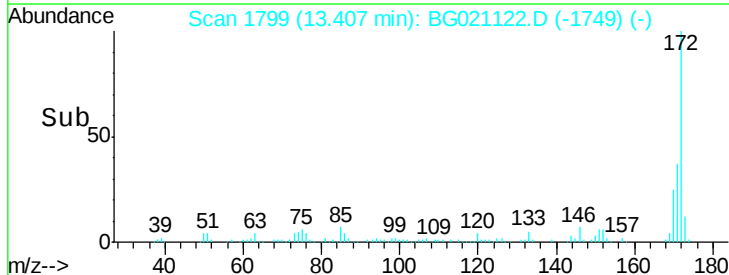
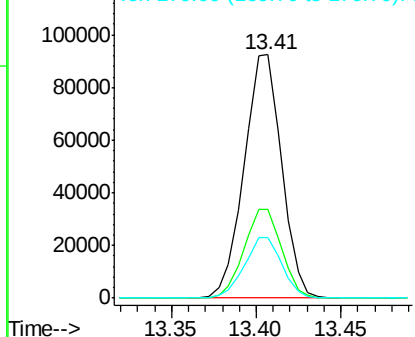


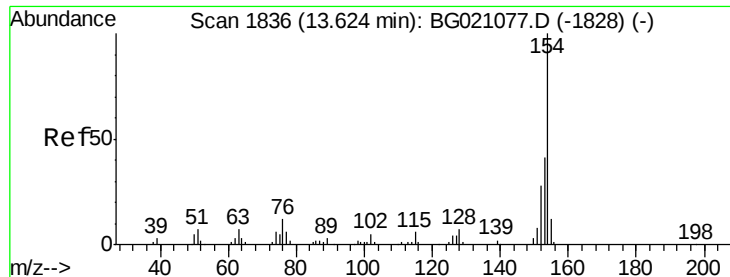
#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:	172	Resp:	143098
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.50 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

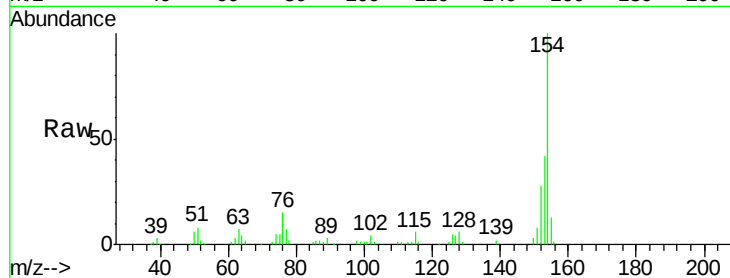
Tgt Ion:154 Resp: 83632

Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

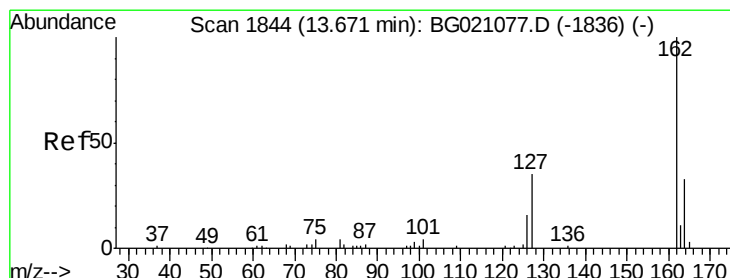
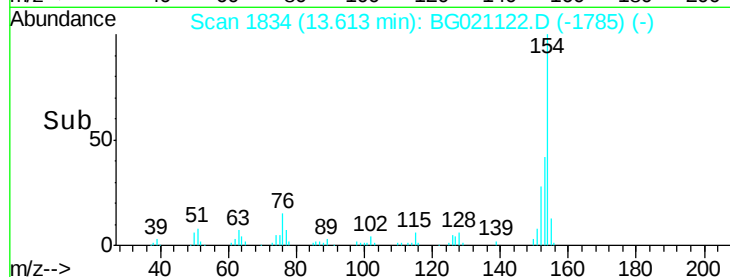
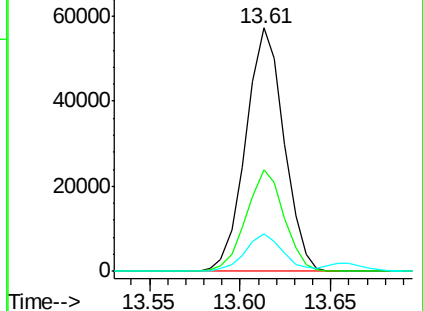
76 15.2 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 46.37 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

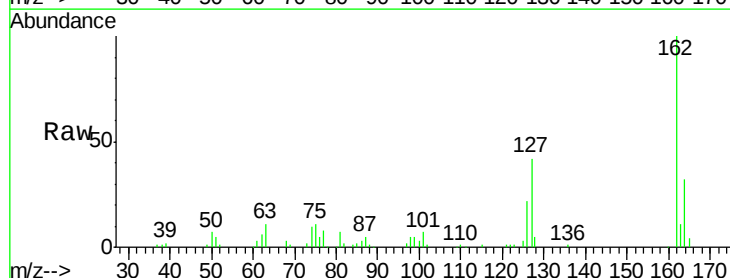
Tgt Ion:162 Resp: 66124

Ion Ratio Lower Upper

162 100

127 41.6 31.8 47.8

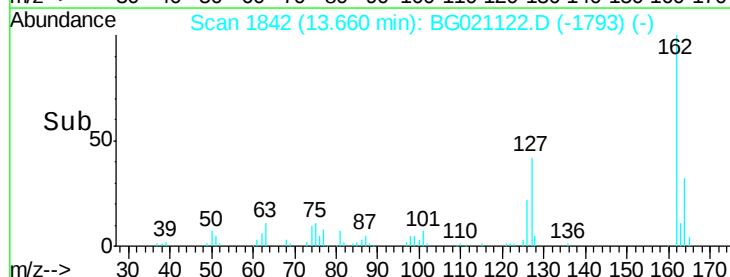
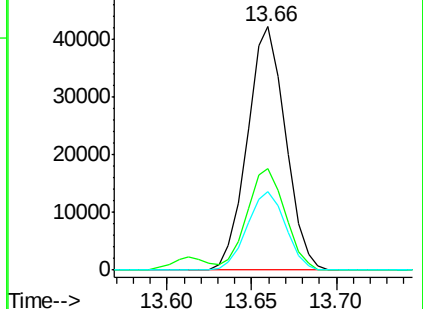
164 32.2 26.3 39.5

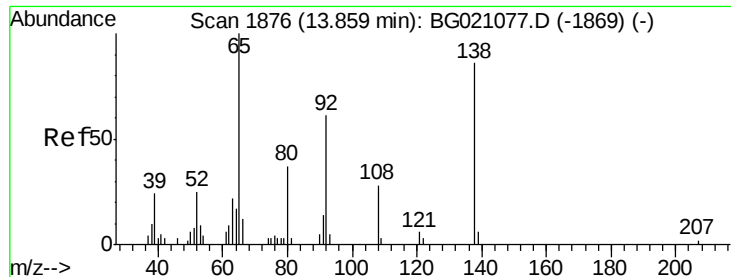


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 67.78 ng

RT: 13.85 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

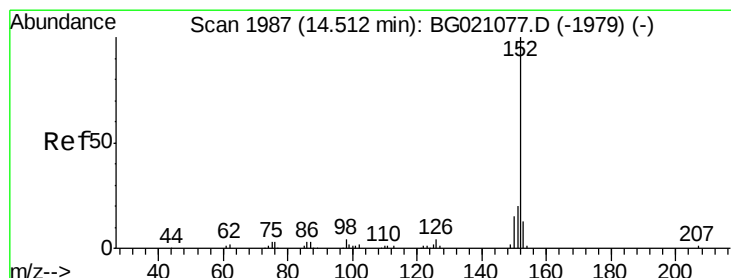
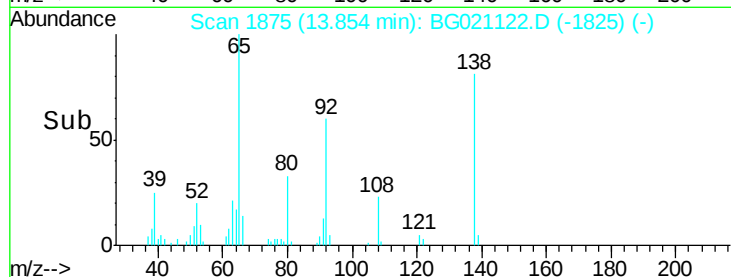
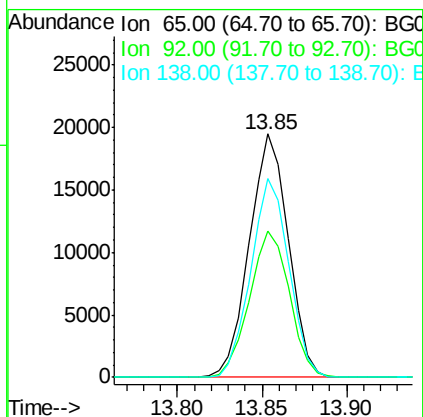
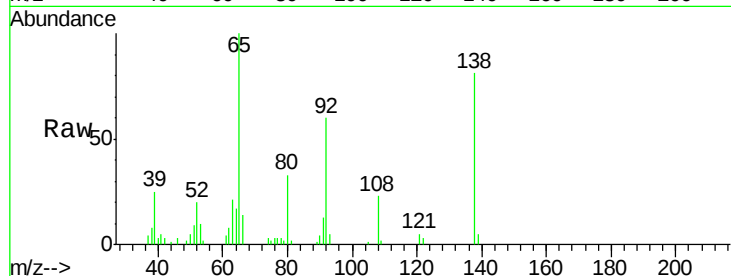
Tgt Ion: 65 Resp: 31321

Ion Ratio Lower Upper

65 100

92 60.1 54.6 82.0

138 81.4 94.9 142.3#



#48

Acenaphthylene

Concen: 48.67 ng

RT: 14.50 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

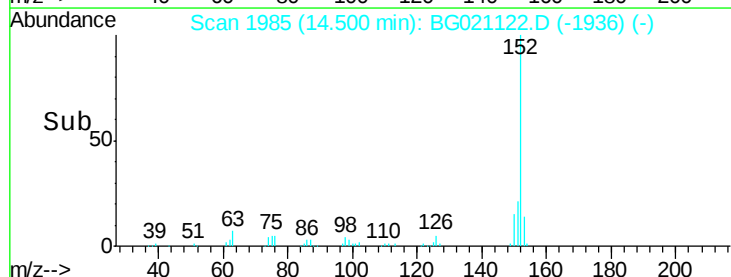
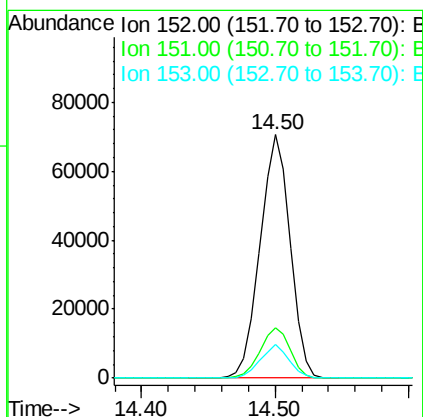
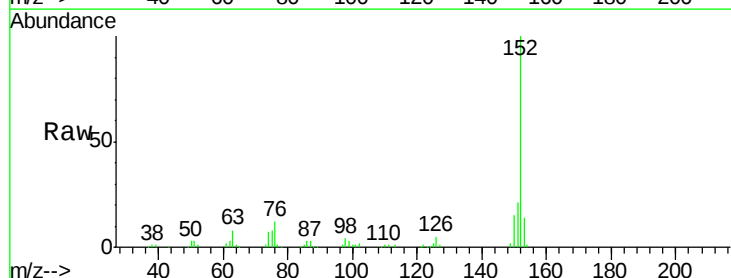
Tgt Ion: 152 Resp: 109821

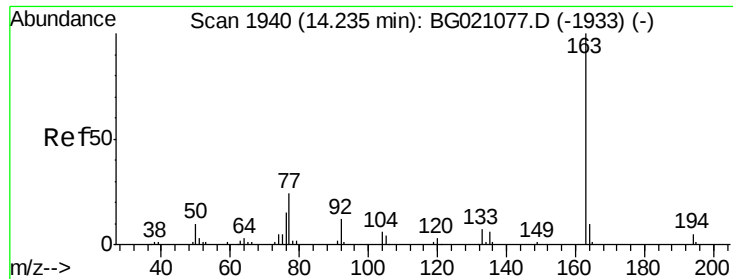
Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 13.7 10.2 15.2





#49

Dimethylphthalate

Concen: 64.18 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

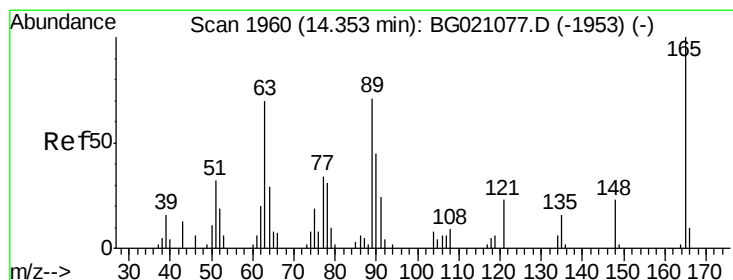
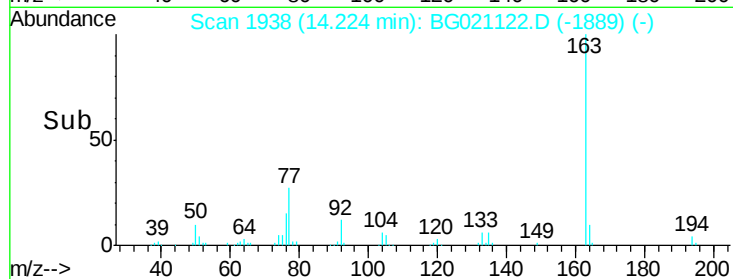
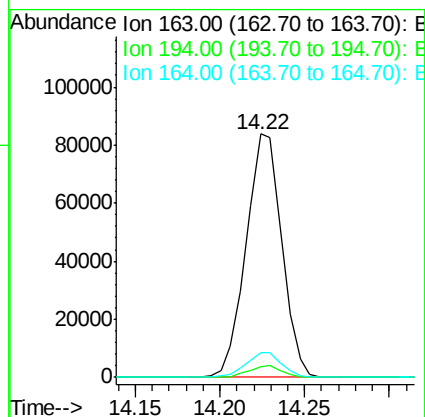
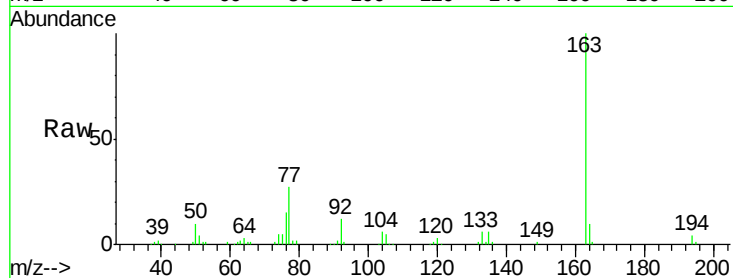
Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tgt Ion:	163	Resp:	123460
Ion Ratio	Lower	Upper	
163	100		
194	4.4	2.8	4.2#
164	10.4	7.9	11.9



#50

2,6-Dinitrotoluene

Concen: 52.25 ng

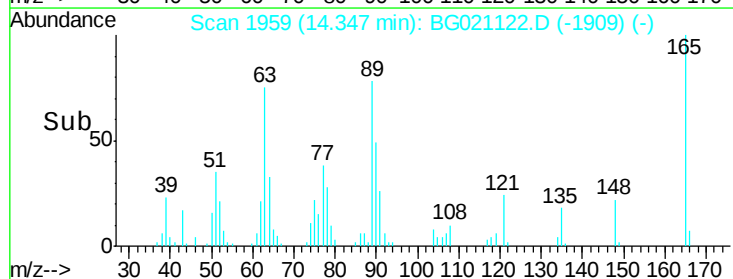
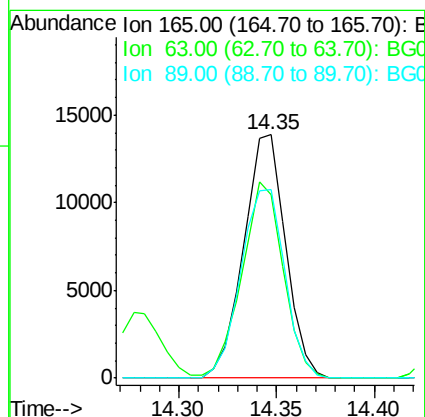
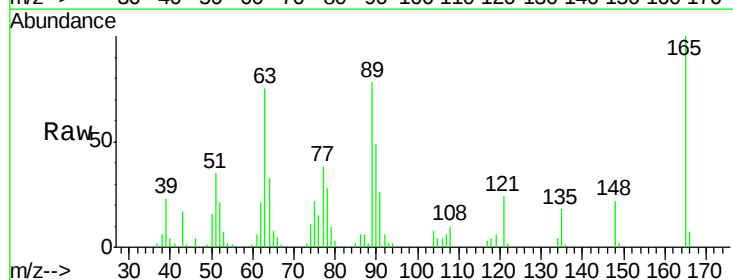
RT: 14.35 min Scan# 1959

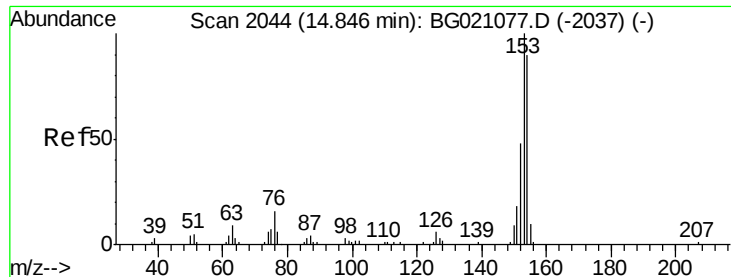
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	165	Resp:	20677
Ion Ratio	Lower	Upper	
165	100		
63	75.1	42.1	63.1#
89	77.7	46.1	69.1#





#51

Acenaphthene

Concen: 50.20 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

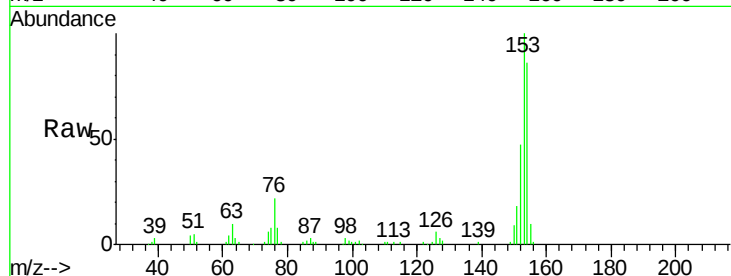
Tgt Ion:154 Resp: 77261

Ion Ratio Lower Upper

154 100

153 116.7 94.2 141.2

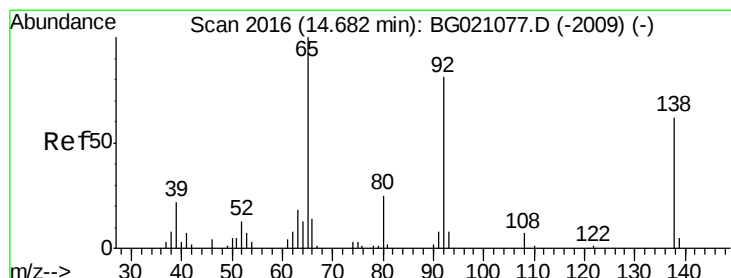
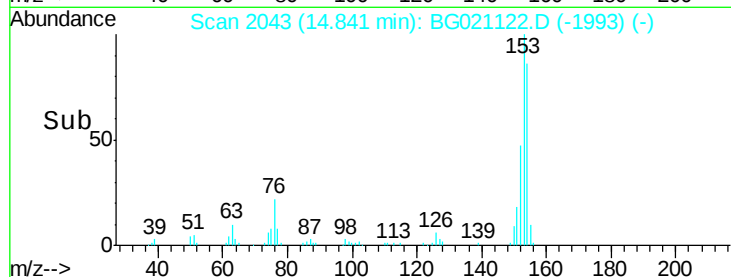
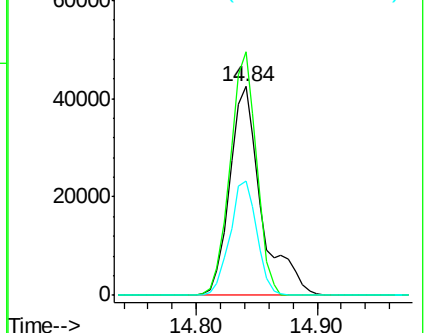
152 54.5 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.94 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

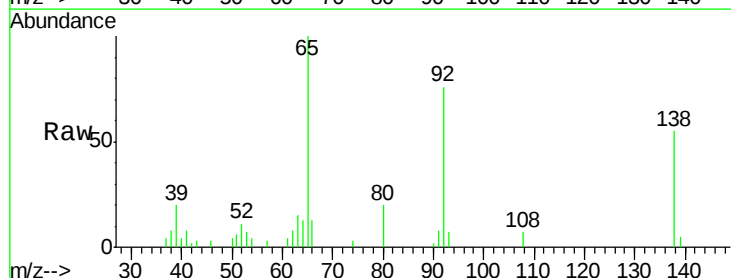
Tgt Ion:138 Resp: 7678

Ion Ratio Lower Upper

138 100

108 12.5 5.8 8.6#

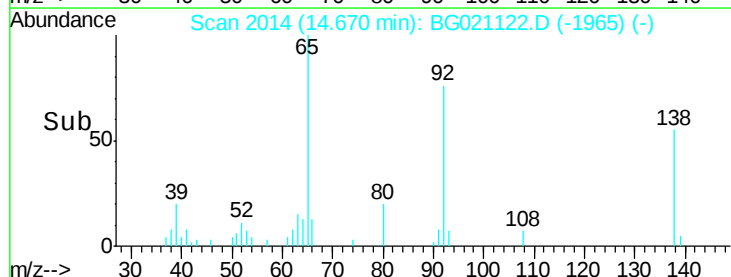
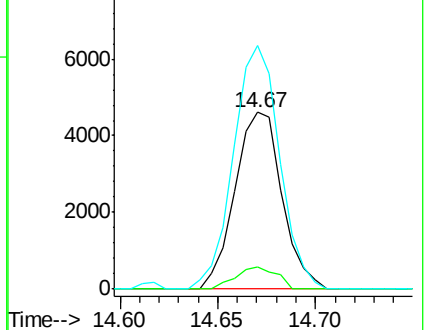
92 137.9 83.6 125.4#

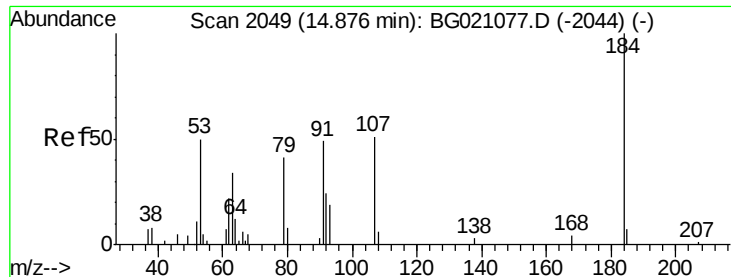


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

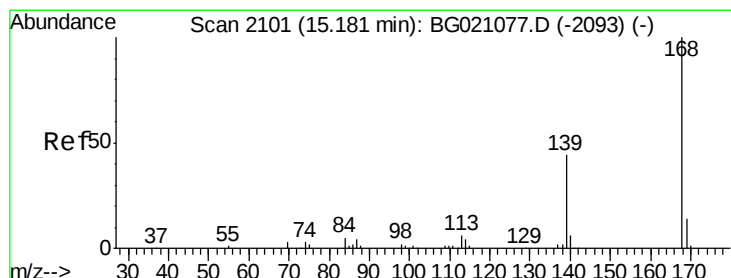
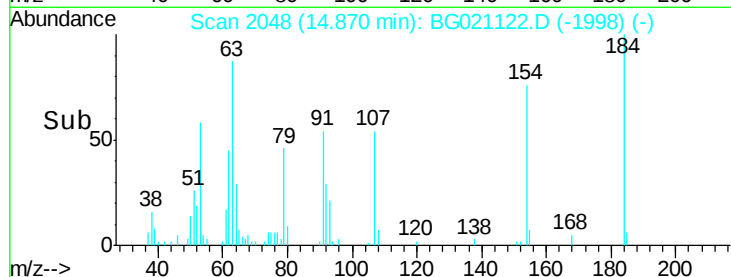
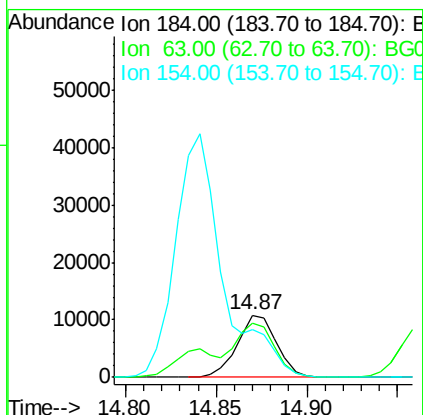
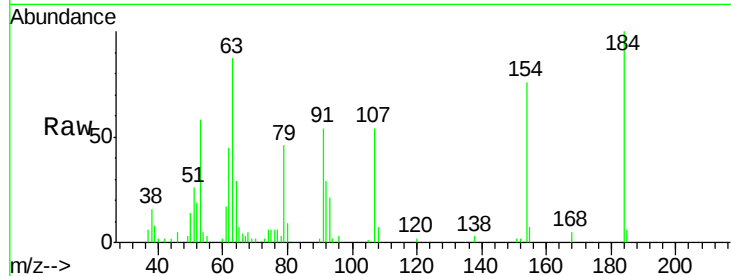




#53
2,4-Dinitrophenol
Concen: 59.13 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

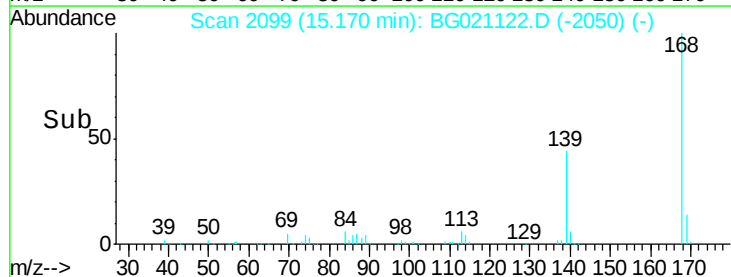
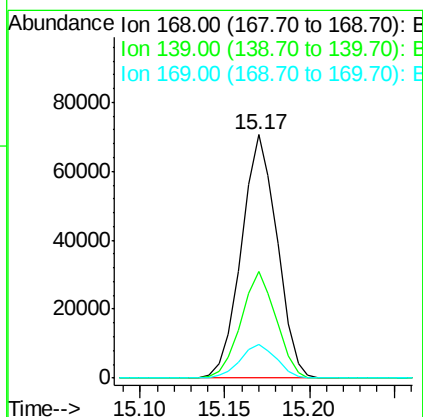
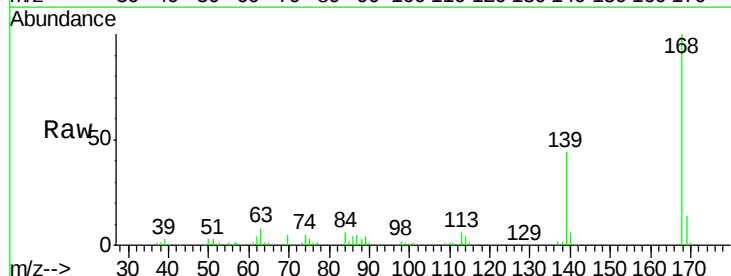
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

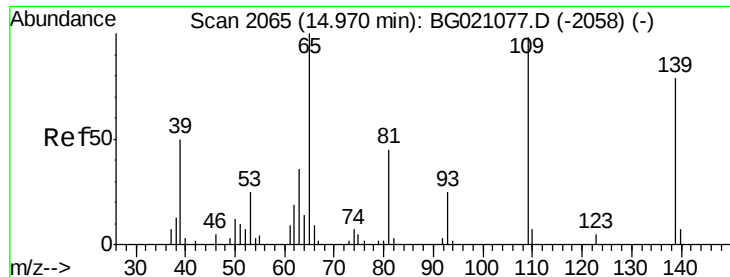
Tgt Ion:184 Resp: 16315
Ion Ratio Lower Upper
184 100
63 87.0 57.0 85.6#
154 76.1 51.3 76.9



#54
Dibenzofuran
Concen: 53.37 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:168 Resp: 104053
Ion Ratio Lower Upper
168 100
139 44.0 29.8 44.8
169 13.6 11.4 17.2

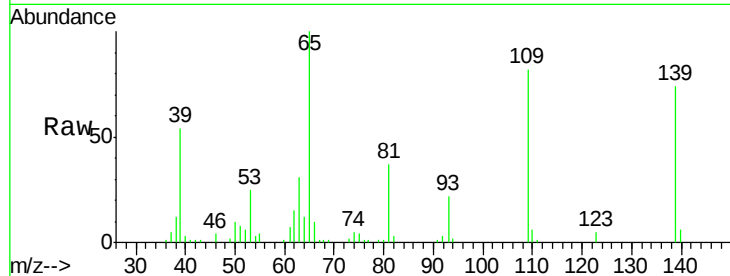




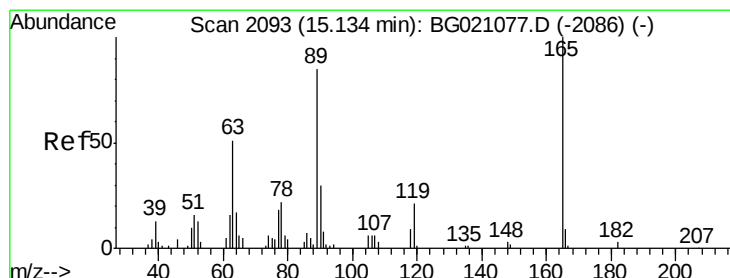
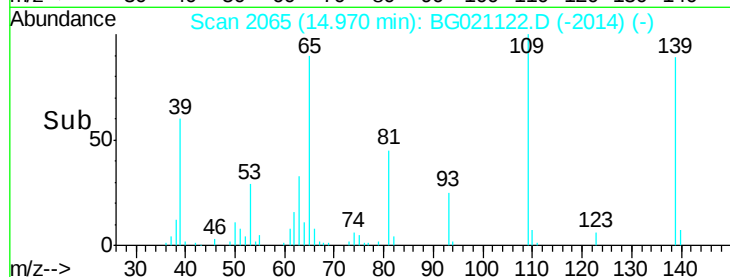
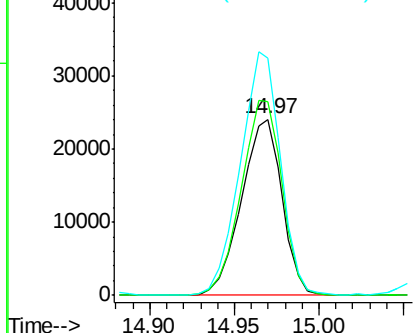
#55
4-Nitrophenol
Concen: 117.12 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

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

Tgt Ion:139 Resp: 40001
Ion Ratio Lower Upper
139 100
109 110.2 54.1 94.1#
65 134.3 73.4 113.4#

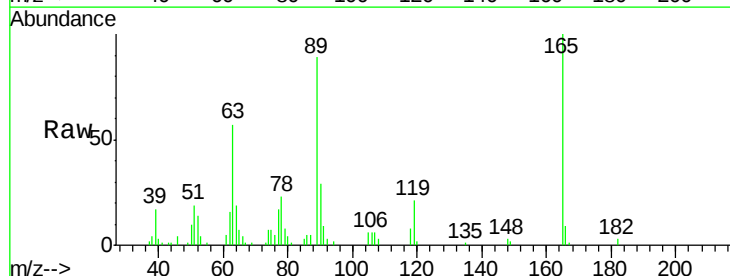


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

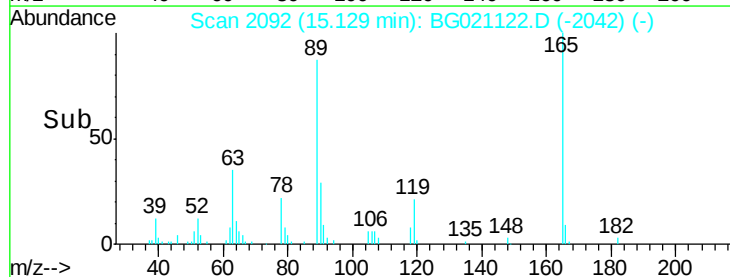
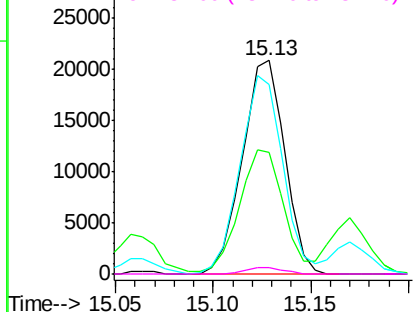


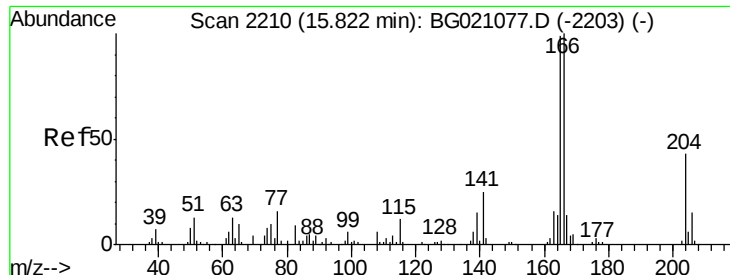
#56
2,4-Dinitrotoluene
Concen: 55.18 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:165 Resp: 31315
Ion Ratio Lower Upper
165 100
63 57.0 34.1 51.1#
89 88.5 63.0 94.4
182 2.8 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: 48.39 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

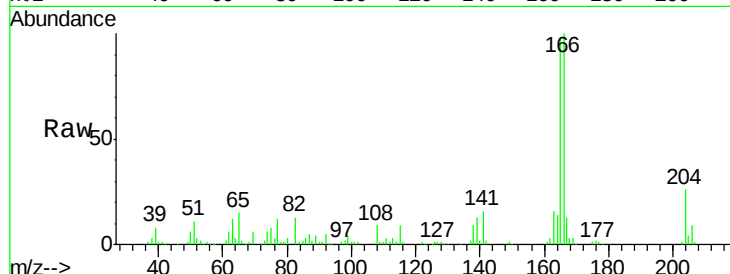
Tgt Ion:166 Resp: 91774

Ion Ratio Lower Upper

166 100

165 98.5 81.3 121.9

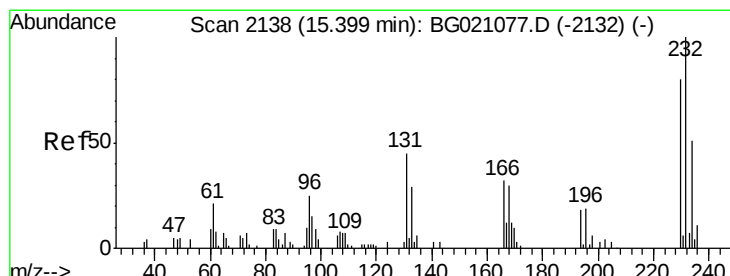
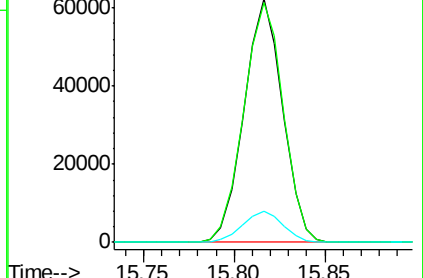
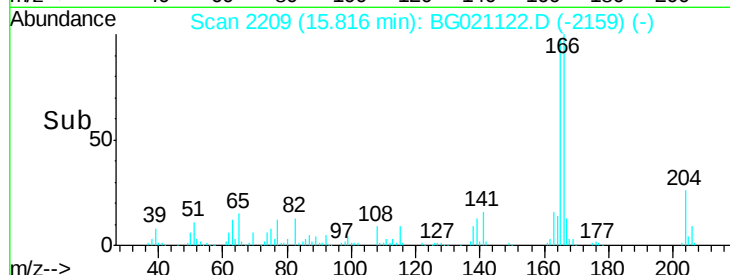
167 12.7 10.6 16.0



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: 56.46 ng

RT: 15.39 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:232 Resp: 26078

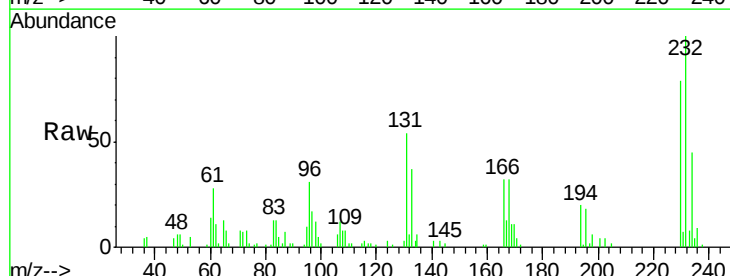
Ion Ratio Lower Upper

232 100

131 53.8 41.4 62.2

130 3.1 1.8 2.8#

166 31.6 26.6 39.8

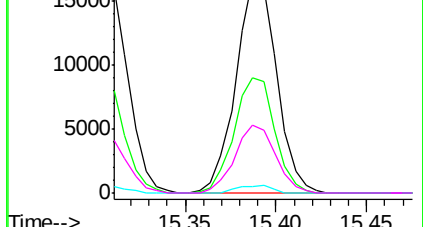
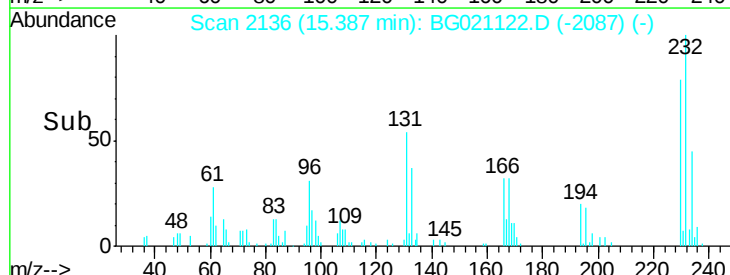


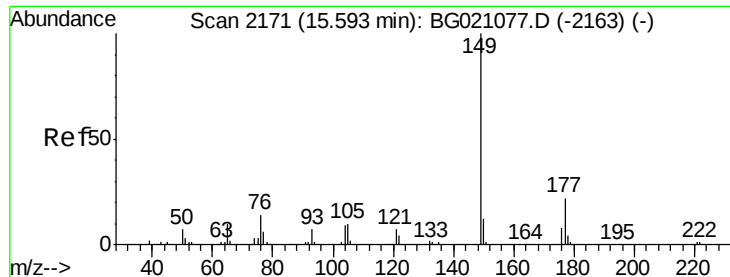
Abundance Ion 232.00 (231.70 to 232.70): E

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

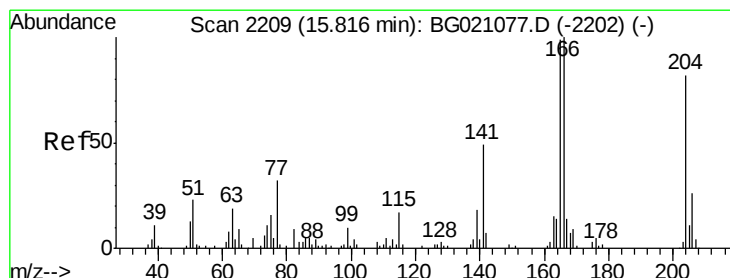
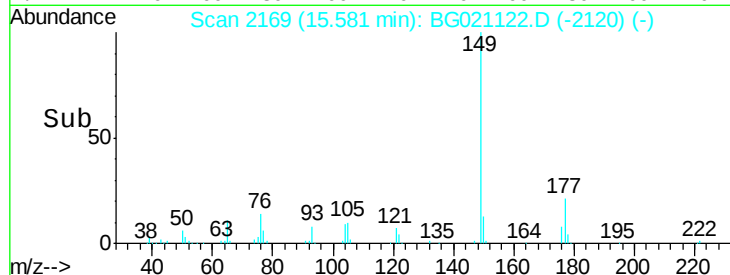
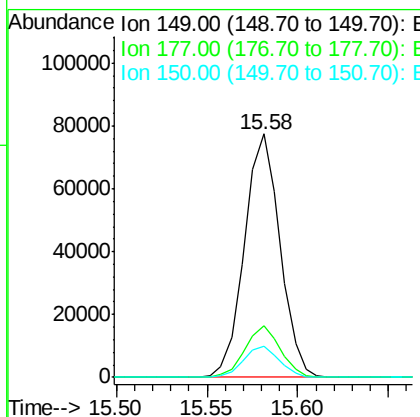
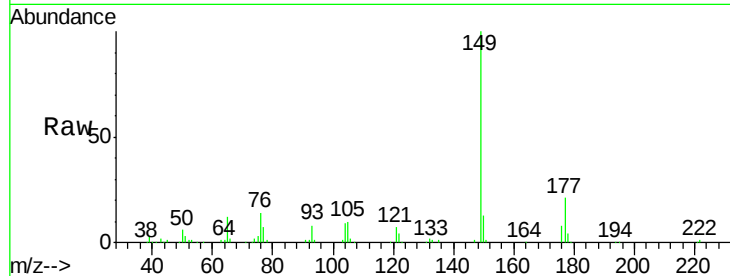




#59
Diethylphthalate
Concen: 51.98 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

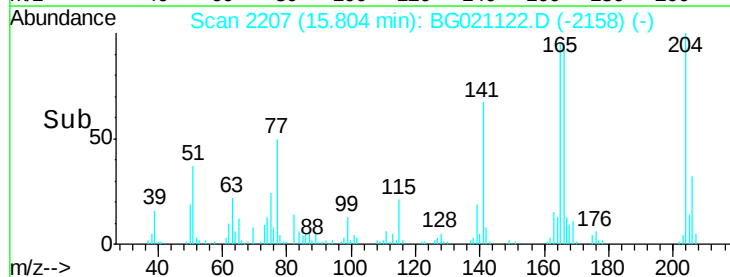
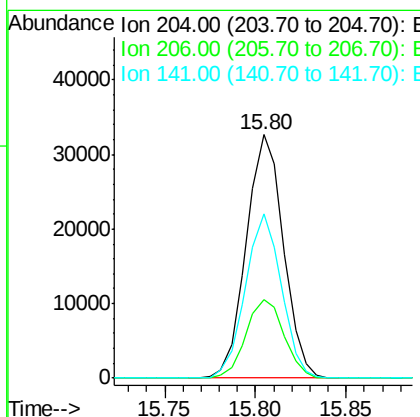
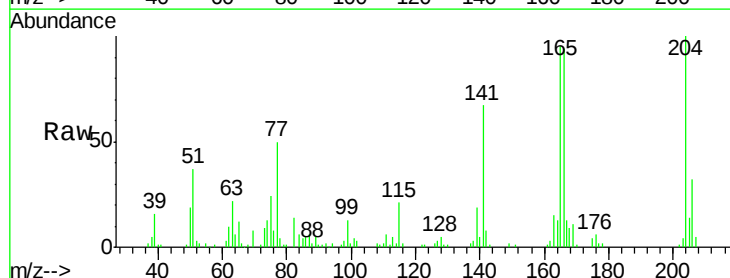
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

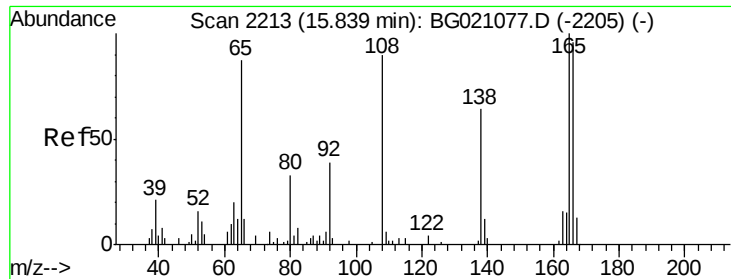
Tgt Ion:149 Resp: 105381
Ion Ratio Lower Upper
149 100
177 21.0 15.8 23.8
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.58 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:204 Resp: 46512
Ion Ratio Lower Upper
204 100
206 32.4 26.9 40.3
141 67.5 50.8 76.2





#61

4-Nitroaniline

Concen: 54.93 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

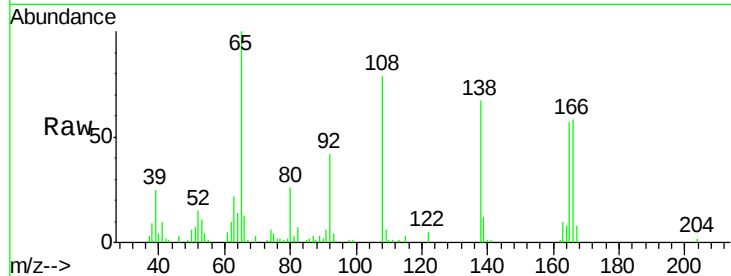
Tgt Ion:138 Resp: 24085

Ion Ratio Lower Upper

138 100

92 63.1 28.0 68.0

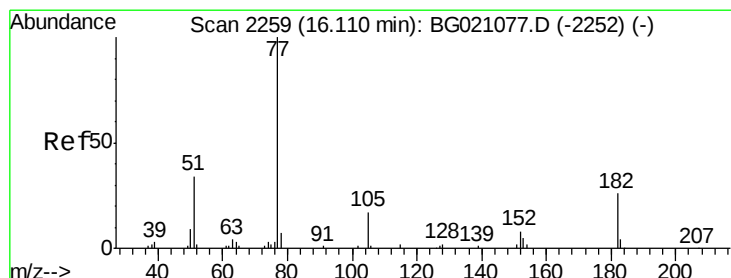
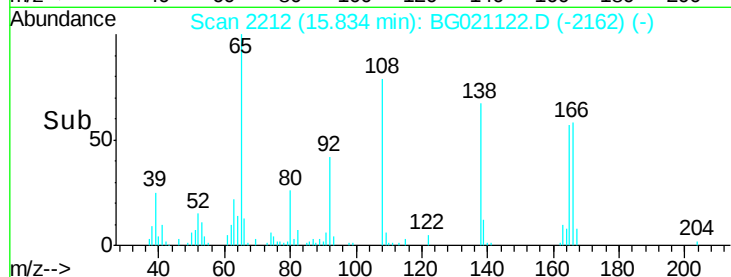
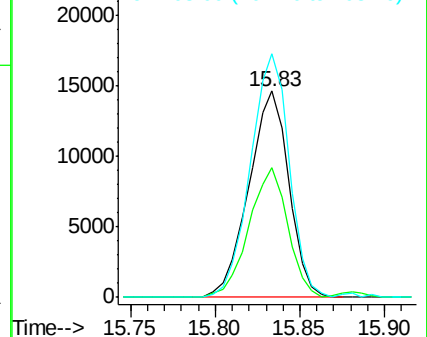
108 118.2 52.6 92.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 65.69 ng

RT: 16.10 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion: 77 Resp: 115387

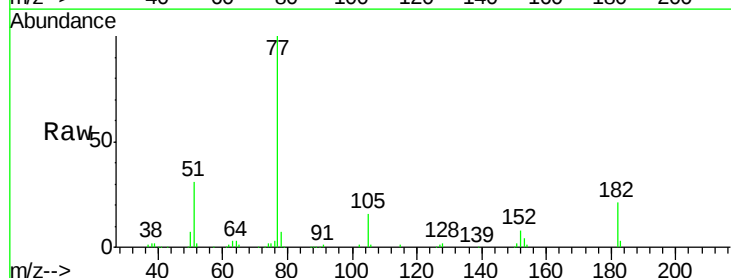
Ion Ratio Lower Upper

77 100

182 20.9 0.7 40.7

105 15.8 0.0 38.3

51 31.0 4.4 44.4

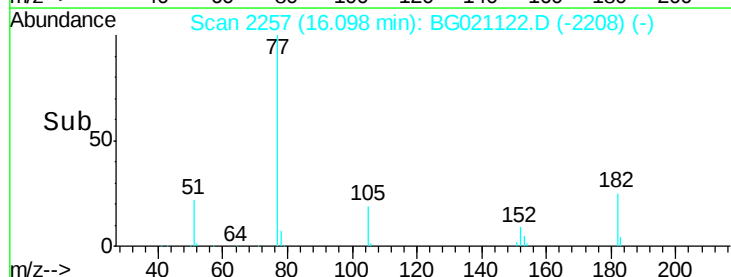
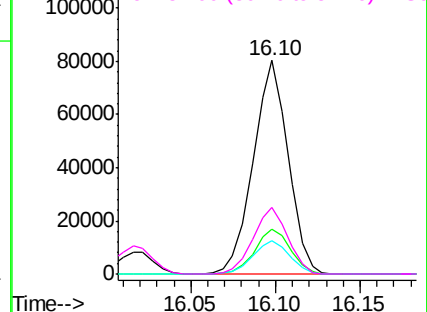


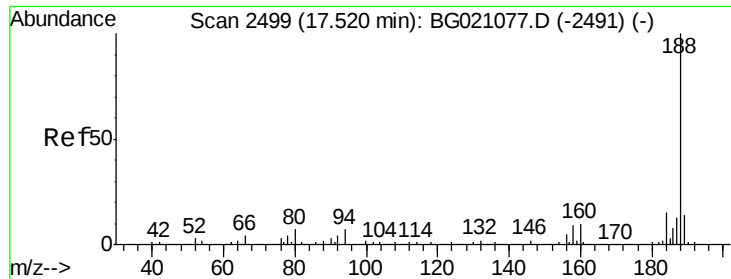
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

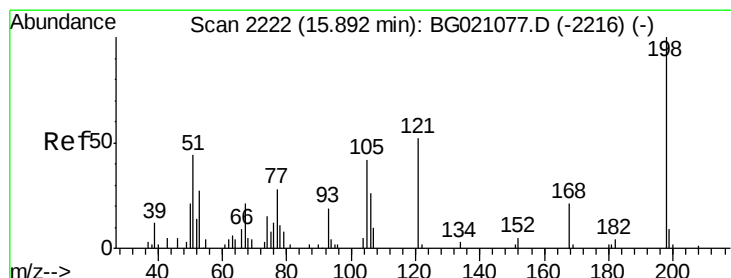
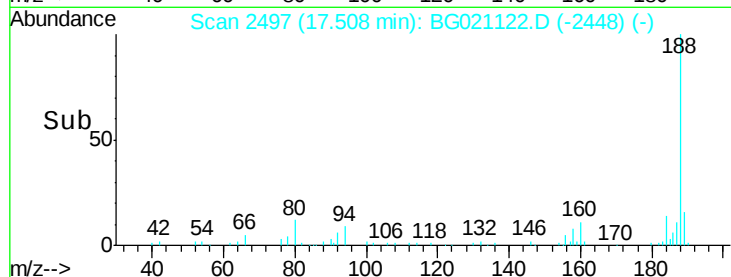
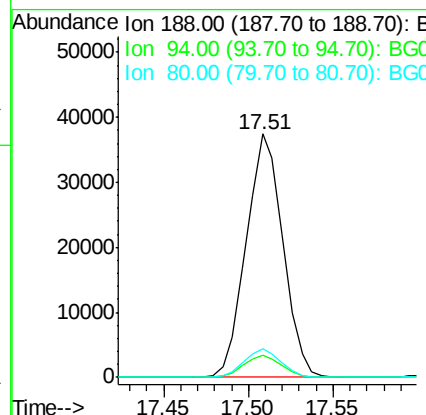
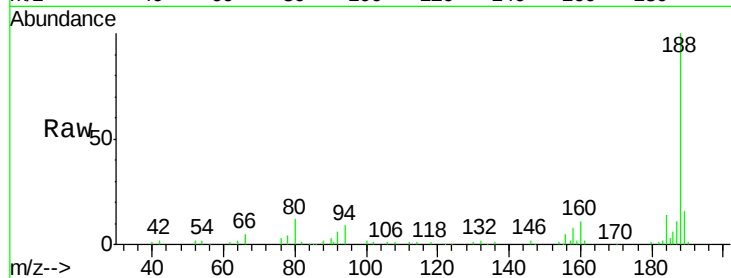




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

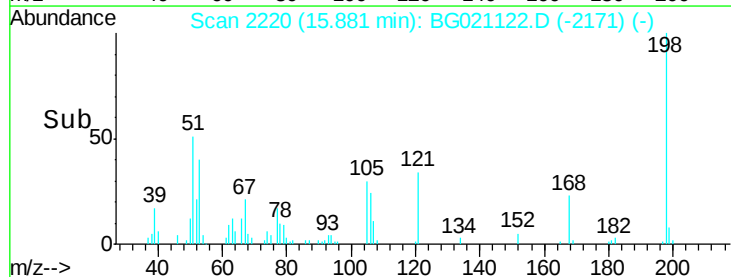
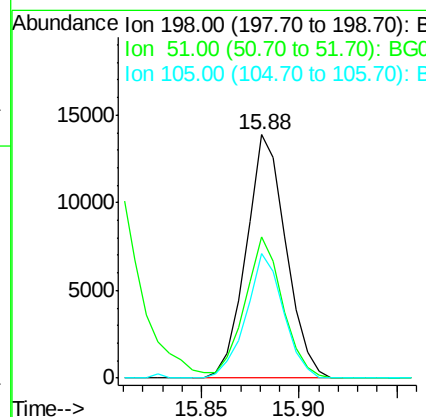
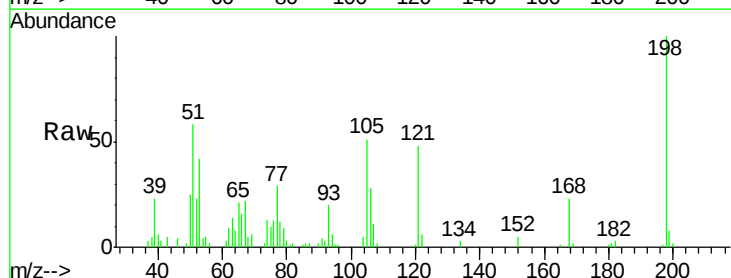
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

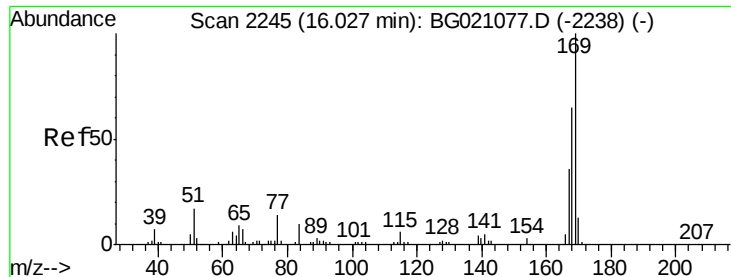
Tgt Ion:188 Resp: 56656
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 46.92 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:198 Resp: 19499
Ion Ratio Lower Upper
198 100
51 57.8 30.4 70.4
105 51.2 32.8 72.8

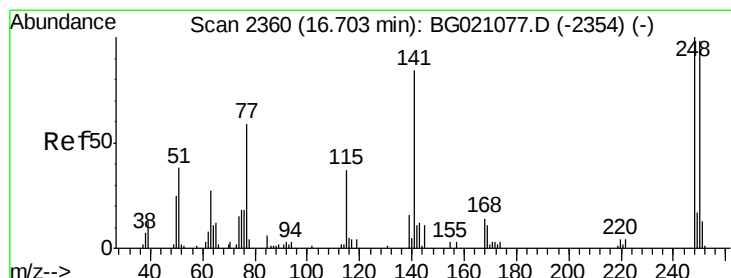
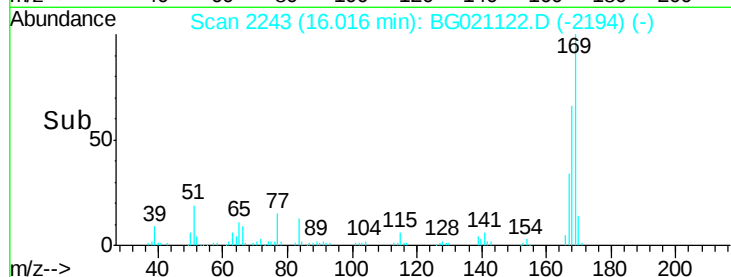
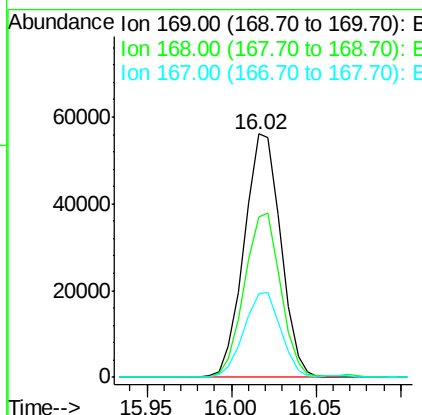
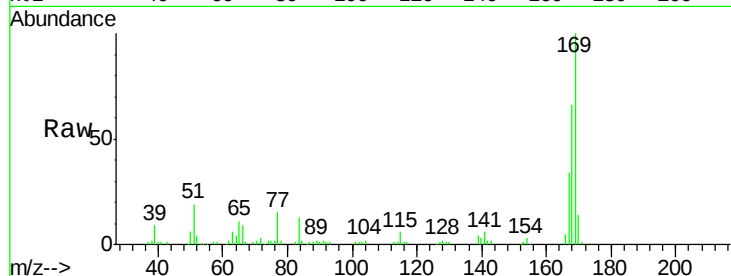




#65
n-Nitrosodiphenylamine
Concen: 50.58 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

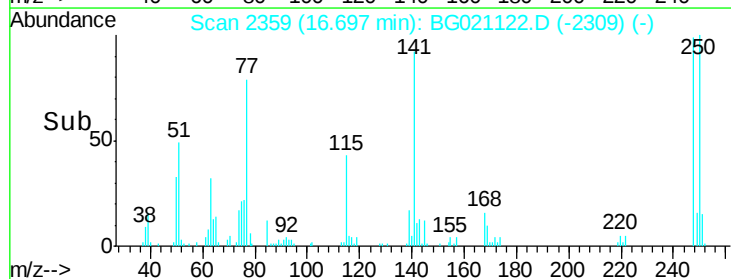
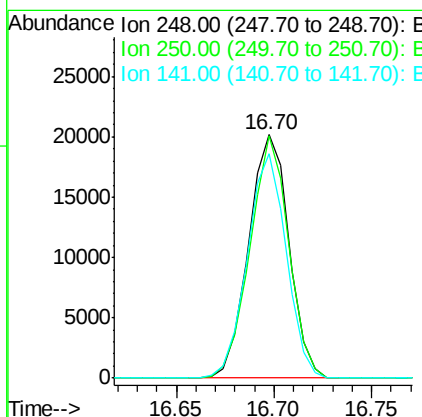
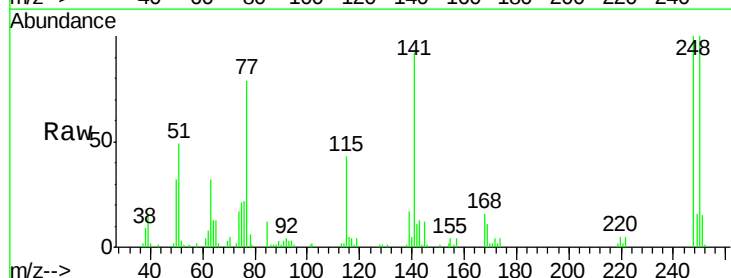
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

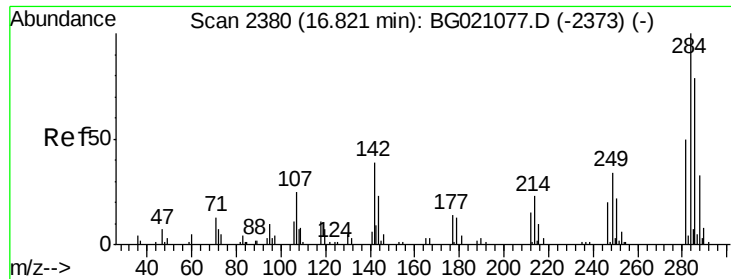
Tgt Ion:169 Resp: 84536
Ion Ratio Lower Upper
169 100
168 65.8 58.2 87.2
167 34.3 31.0 46.6



#66
4-Bromophenyl-phenylether
Concen: 43.08 ng
RT: 16.70 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:248 Resp: 28739
Ion Ratio Lower Upper
248 100
250 99.6 76.4 114.6
141 92.4 57.4 86.0#

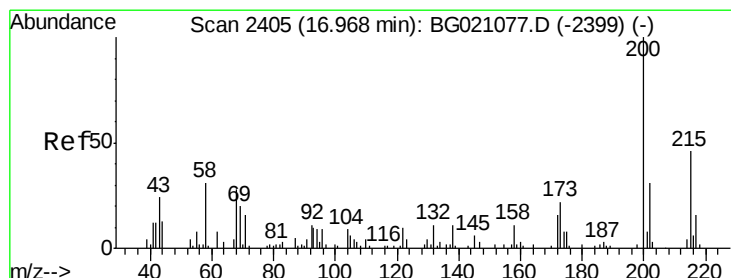
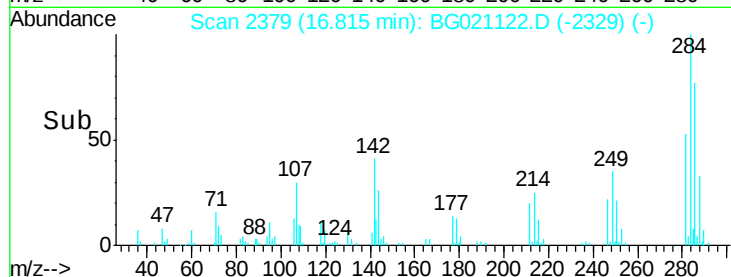
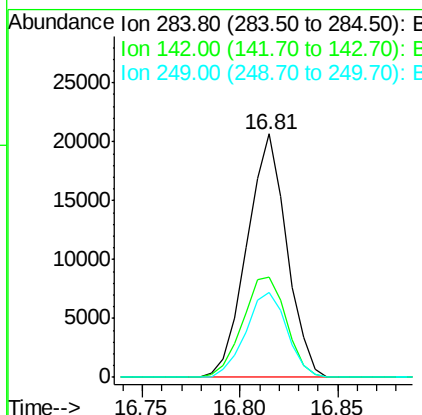
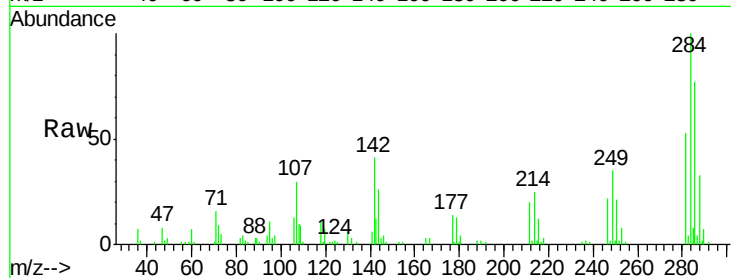




#67
Hexachlorobenzene
Concen: 41.38 ng
RT: 16.81 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

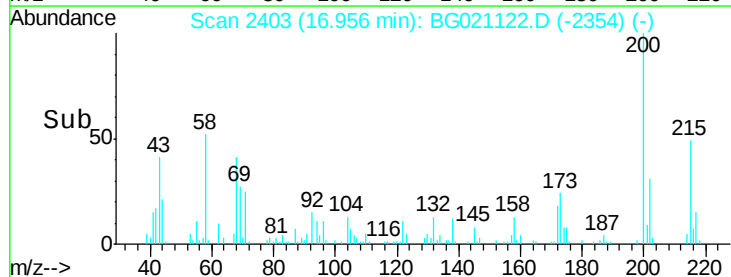
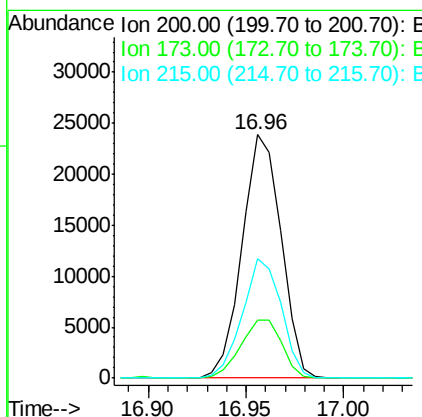
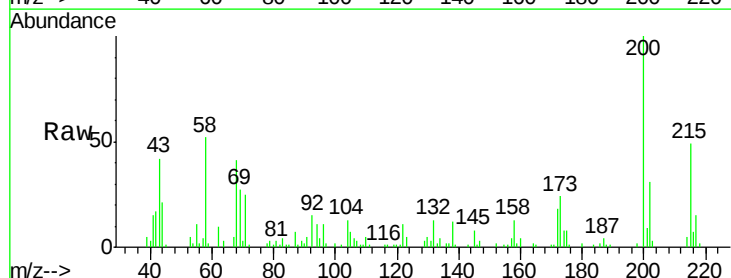
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

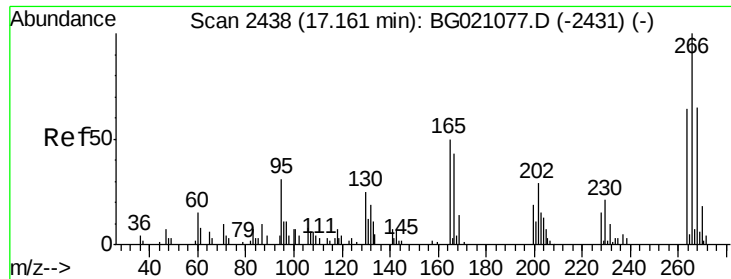
Tgt Ion:284 Resp: 29122
Ion Ratio Lower Upper
284 100
142 41.1 32.1 48.1
249 37.2 24.0 36.0#



#68
Atrazine
Concen: 53.35 ng
RT: 16.96 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:200 Resp: 33044
Ion Ratio Lower Upper
200 100
173 23.7 3.9 43.9
215 49.2 29.0 69.0

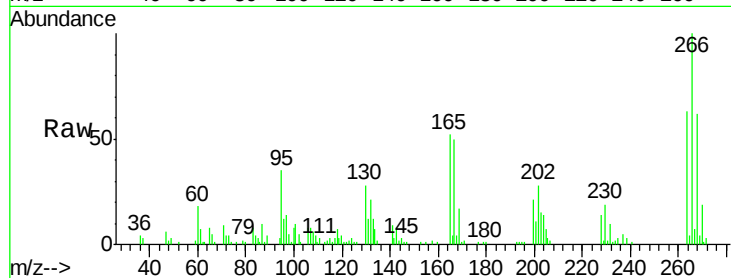




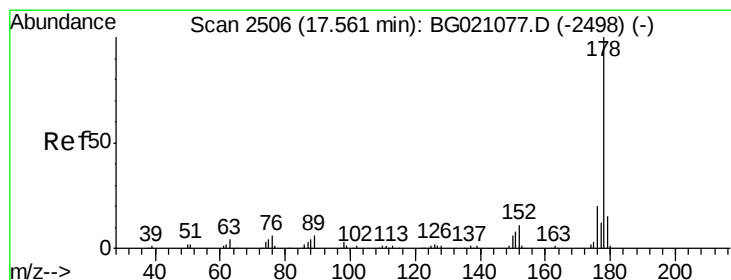
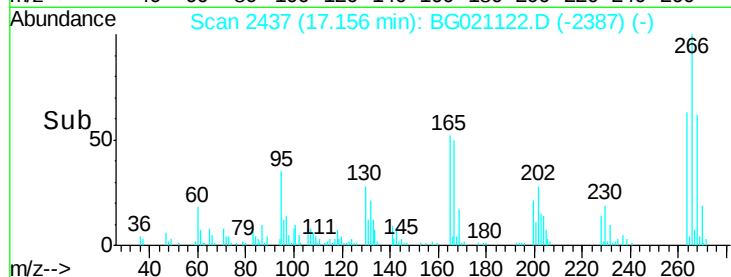
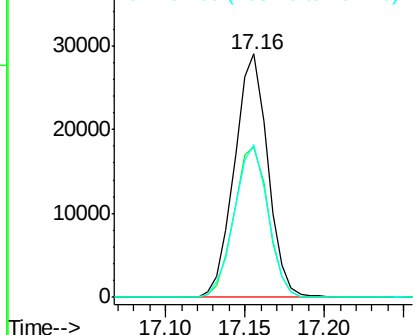
#69
 Pentachlorophenol
 Concen: 88.86 ng
 RT: 17.16 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

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

Tgt Ion:266 Resp: 42214
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.0 76.6
 264 66.8 47.8 71.8

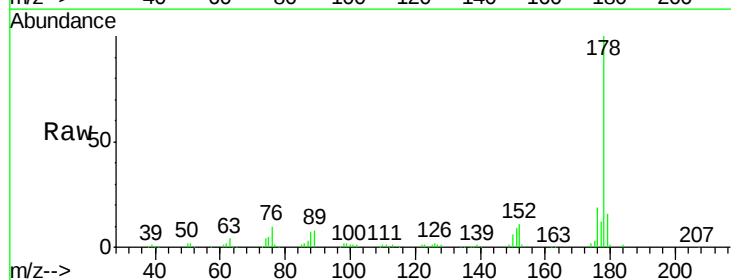


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

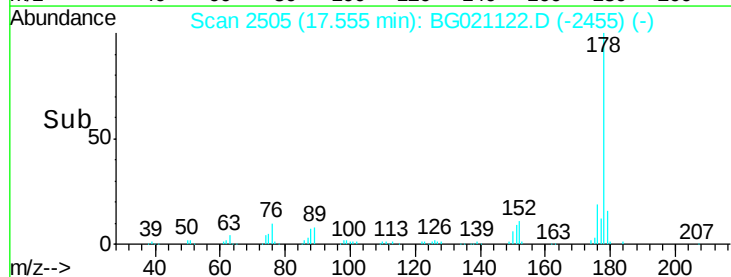
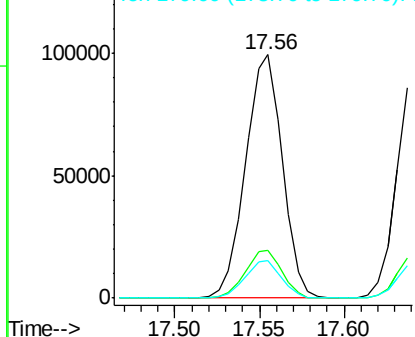


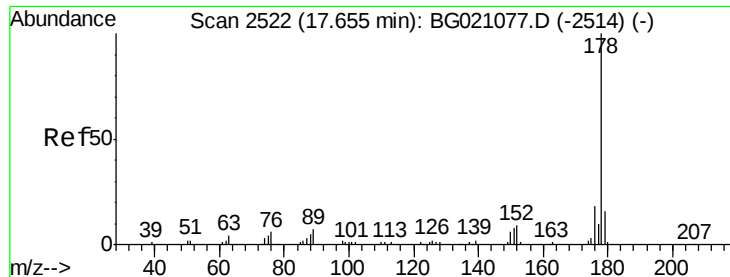
#70
 Phenanthrene
 Concen: 49.42 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:178 Resp: 150640
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.5 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

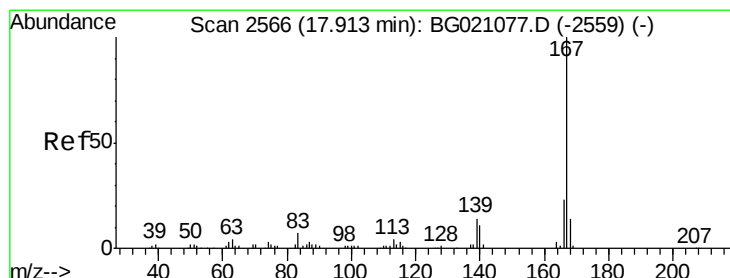
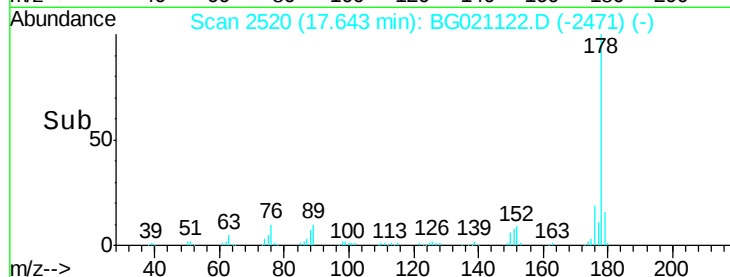
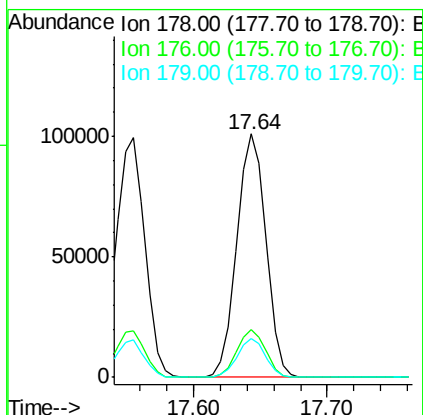
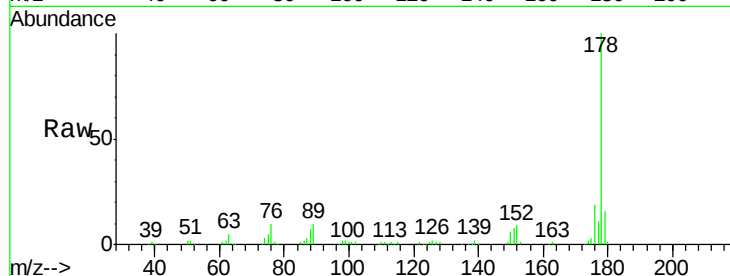




#71
 Anthracene
 Concen: 49.62 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

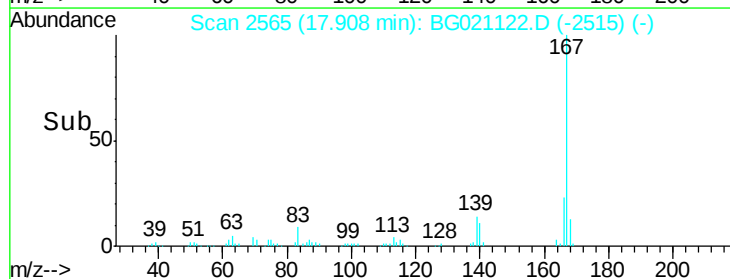
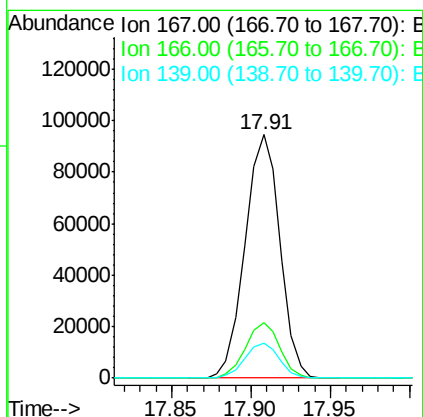
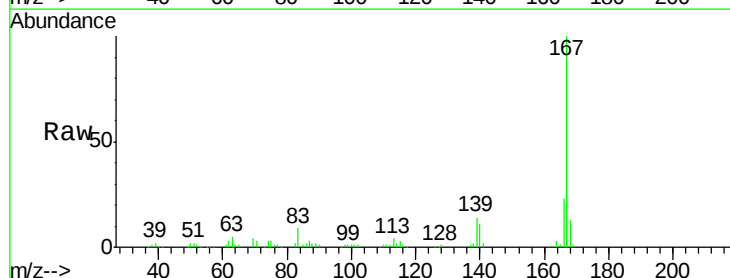
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

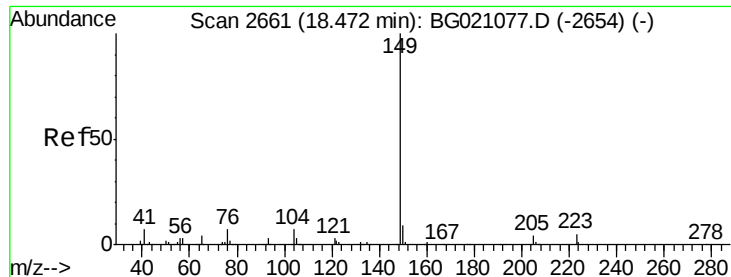
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	16.1	12.6	19.0



#72
 Carbazole
 Concen: 54.33 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.5	26.3
139	14.3	10.3	15.5

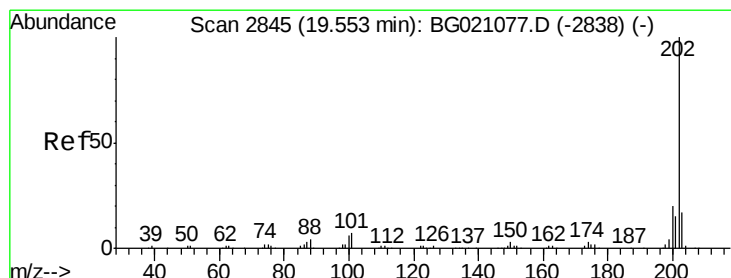
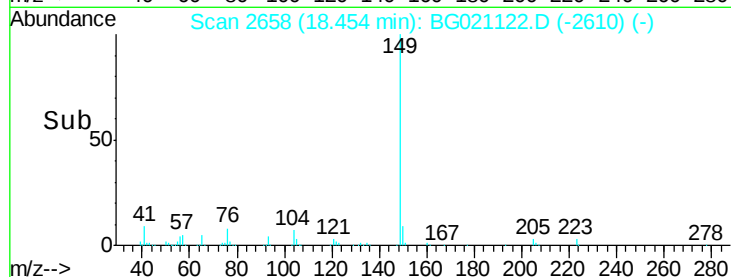
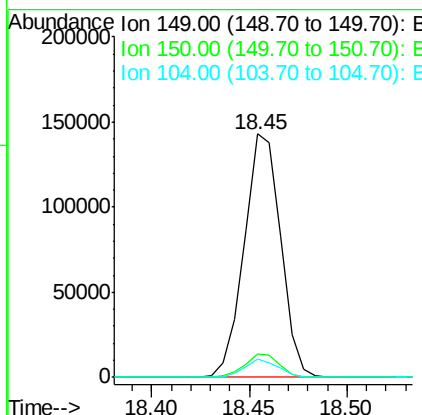
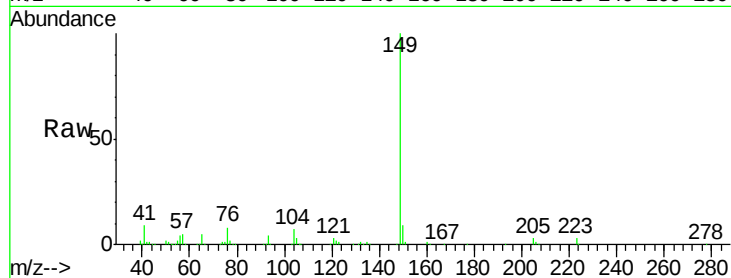




#73
Di-n-butylphthalate
Concen: 52.94 ng
RT: 18.45 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

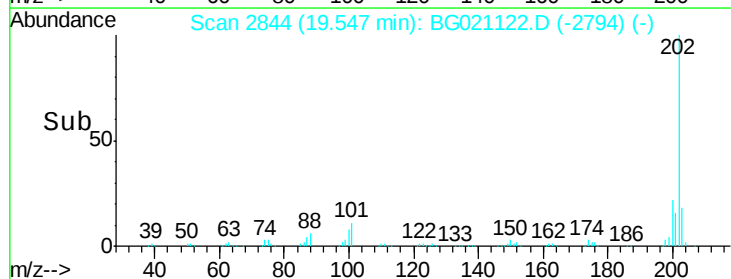
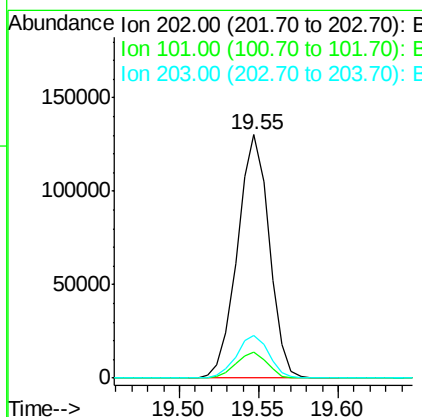
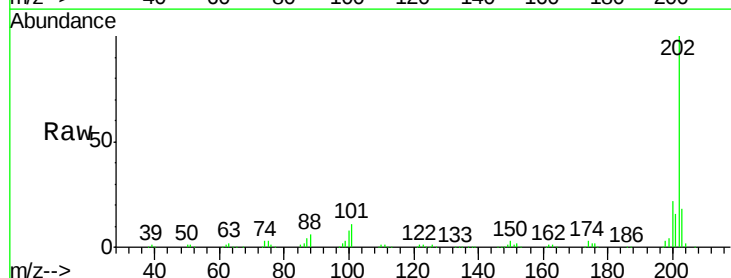
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

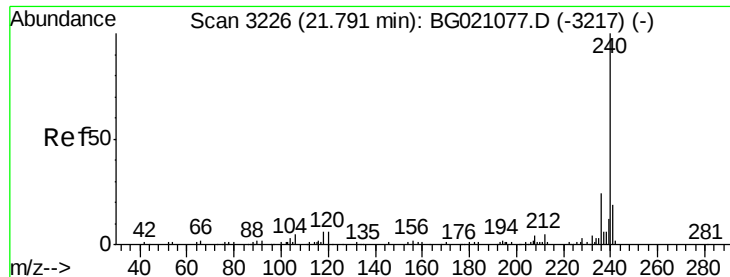
Tgt Ion:149 Resp: 184987
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 7.3 4.1 6.1#



#74
Fluoranthene
Concen: 47.21 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:202 Resp: 180542
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.5
203 17.6 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: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

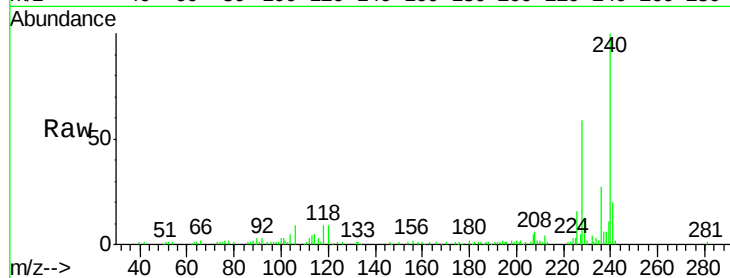
Tgt Ion:240 Resp: 60954

Ion Ratio Lower Upper

240 100

120 9.0 7.5 11.3

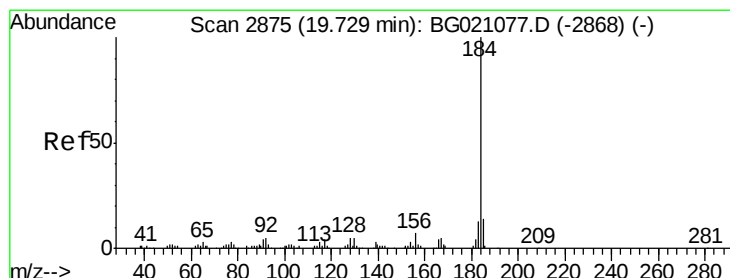
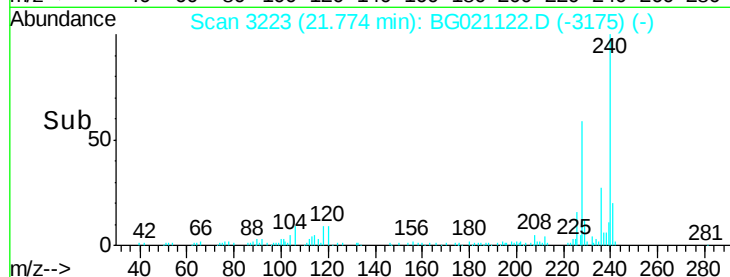
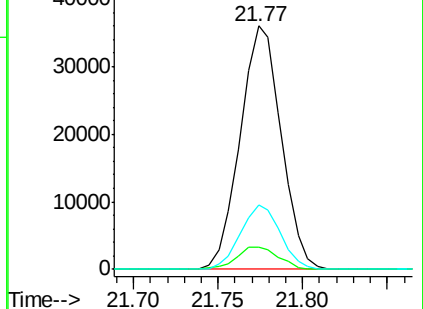
236 26.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.24 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

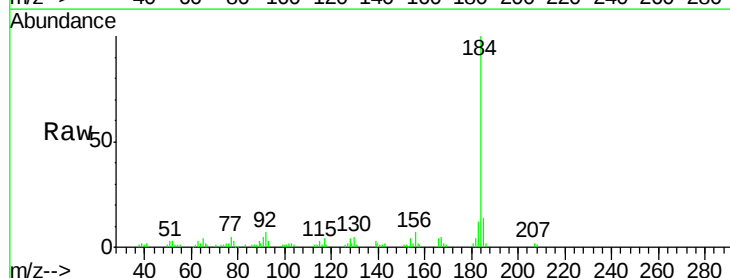
Tgt Ion:184 Resp: 48500

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

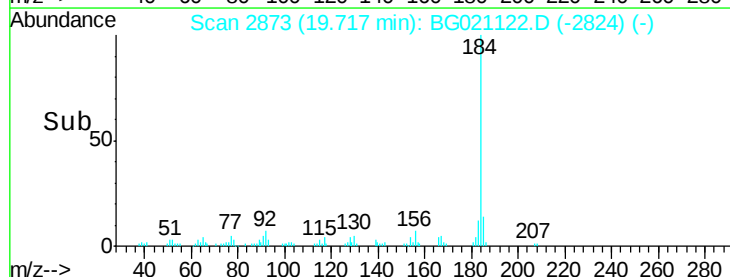
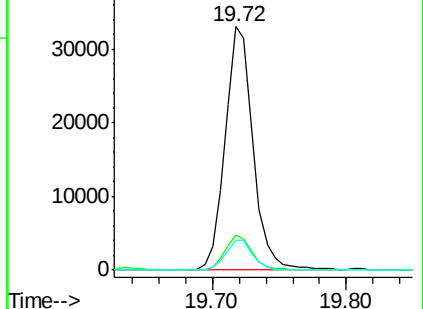
183 12.3 10.1 15.1

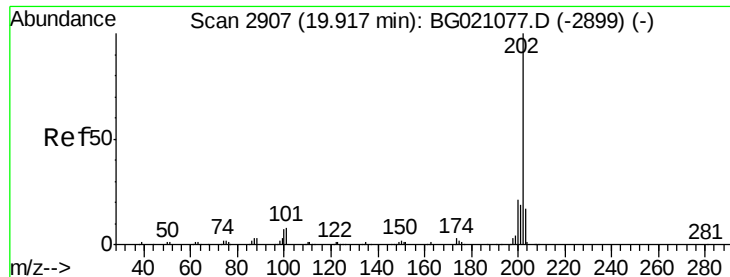


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.95 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

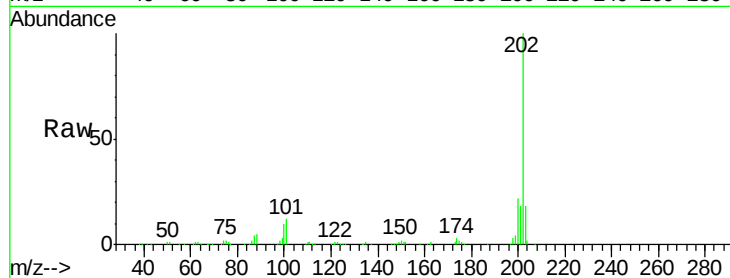
Tgt Ion:202 Resp: 185479

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

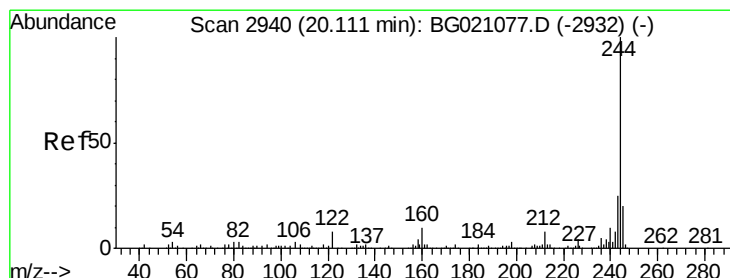
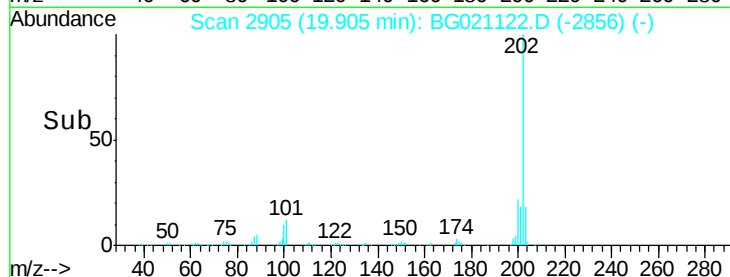
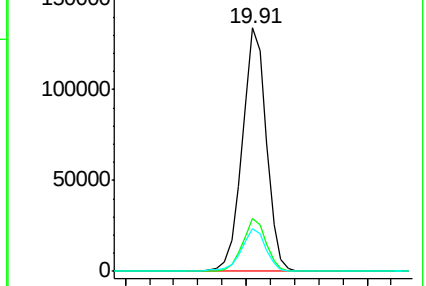
203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.64 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

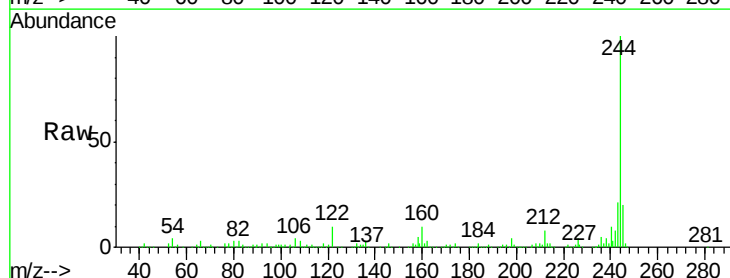
Tgt Ion:244 Resp: 246840

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

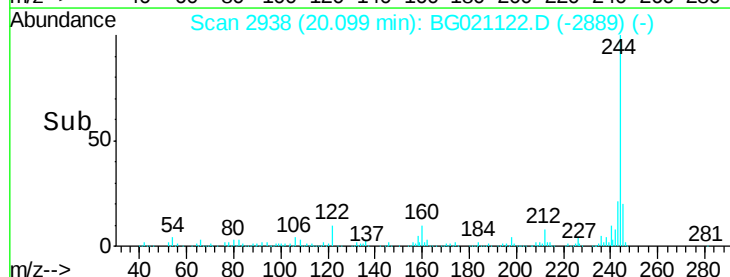
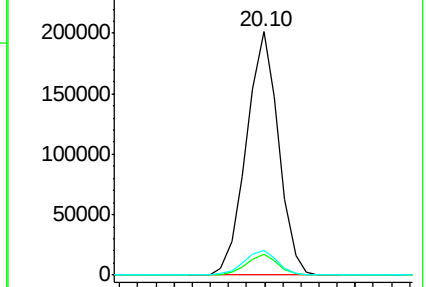
122 10.2 8.3 12.5

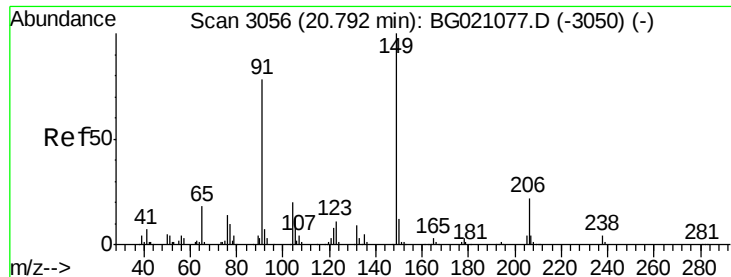


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

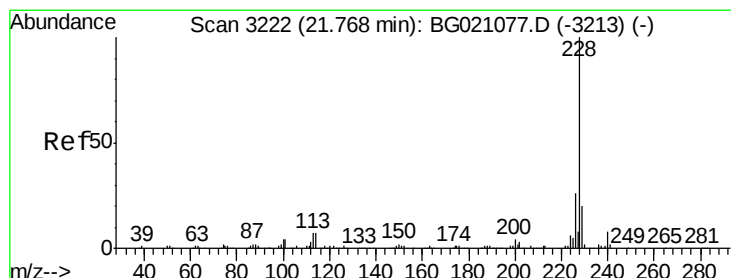
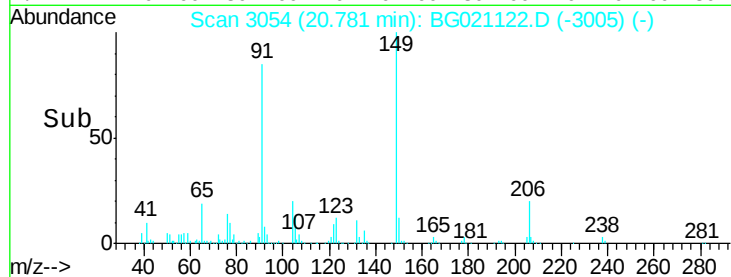
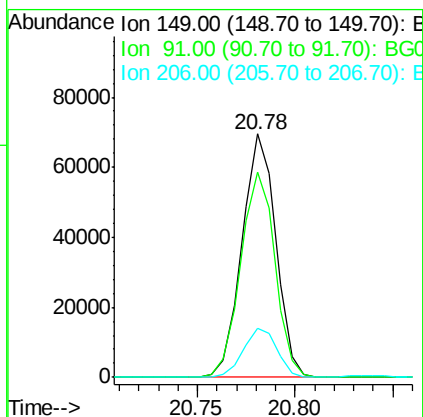
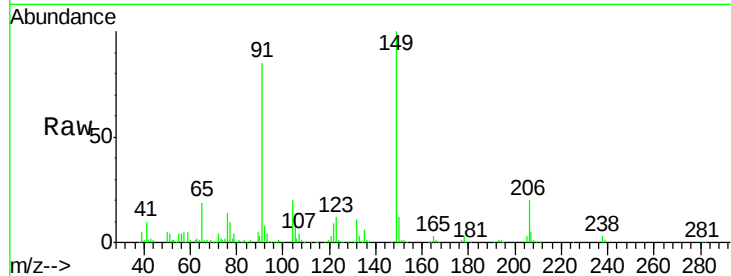




#79
Butylbenzylphthalate
Concen: 59.17 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

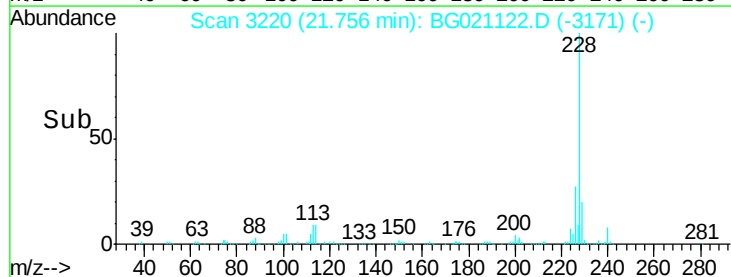
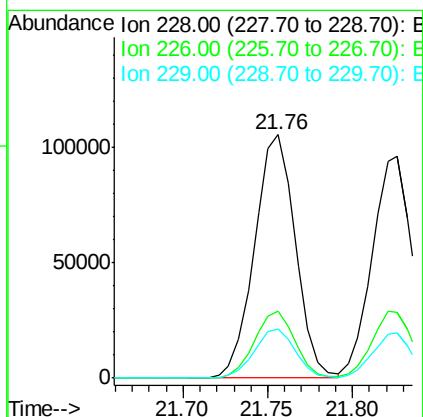
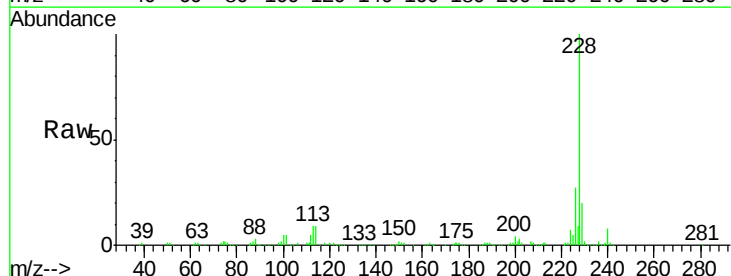
Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

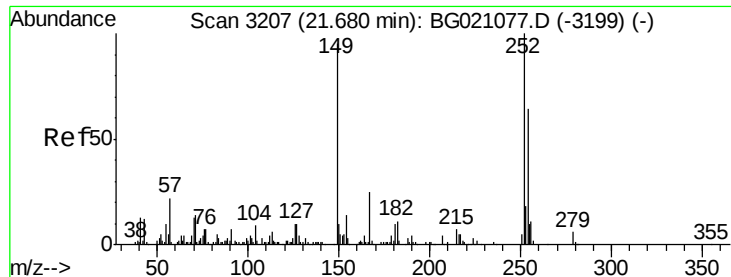
Tgt Ion:149 Resp: 83344
Ion Ratio Lower Upper
149 100
91 84.6 58.6 87.8
206 20.2 14.2 21.4



#80
Benzo(a)anthracene
Concen: 50.57 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:228 Resp: 177374
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 20.2 15.5 23.3

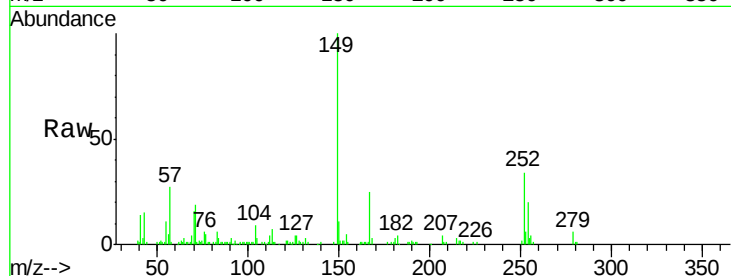




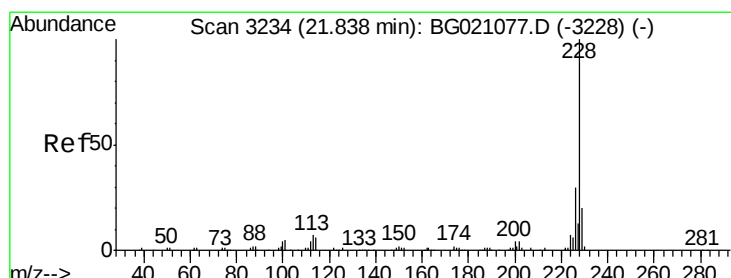
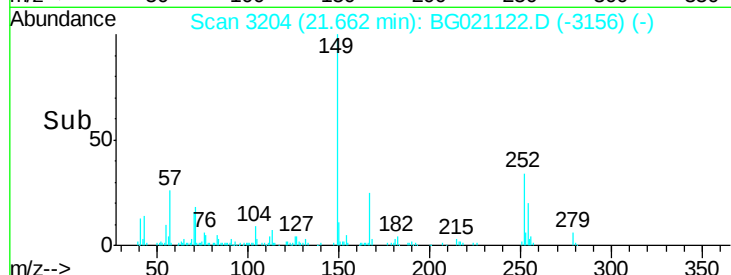
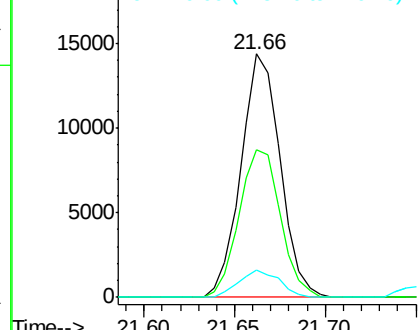
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

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

Tgt Ion:252 Resp: 21655
 Ion Ratio Lower Upper
 252 100
 254 60.9 52.6 79.0
 126 11.0 8.3 12.5

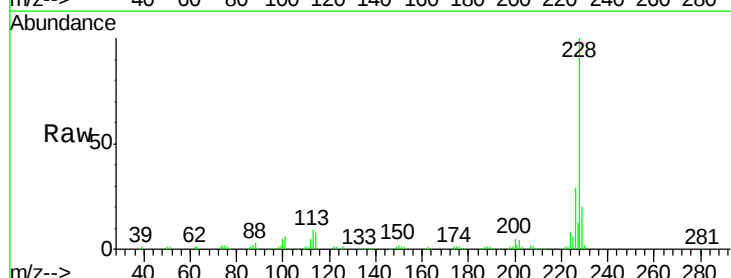


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

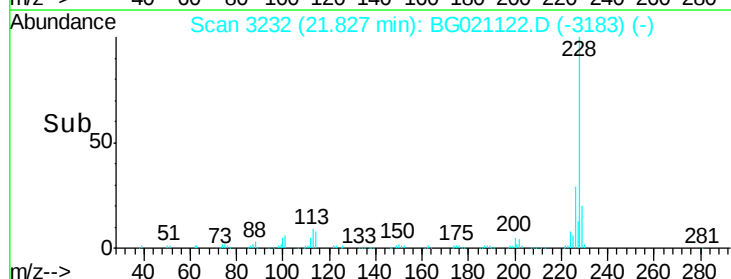
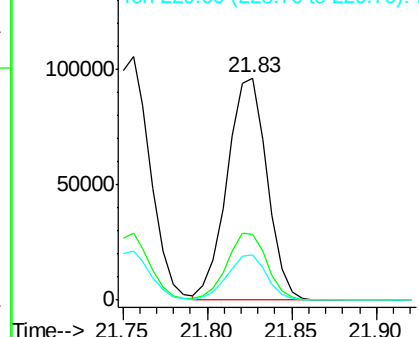


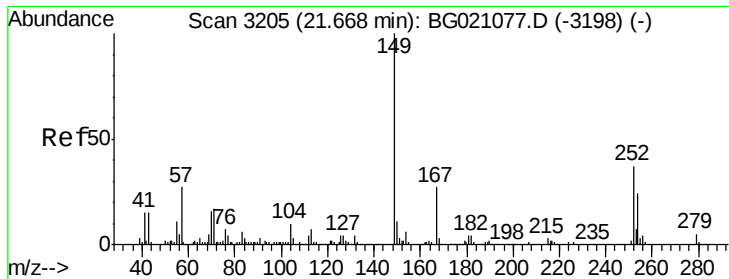
#82
 Chrysene
 Concen: 46.81 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:228 Resp: 158113
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.7 35.5
 229 20.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

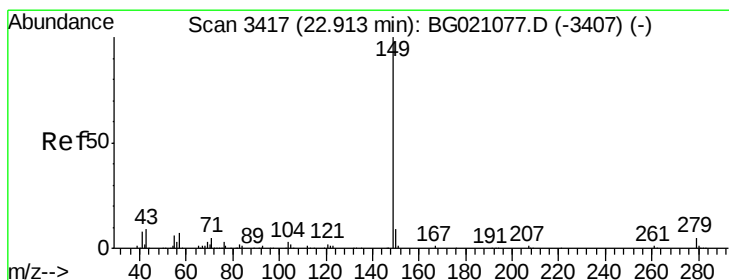
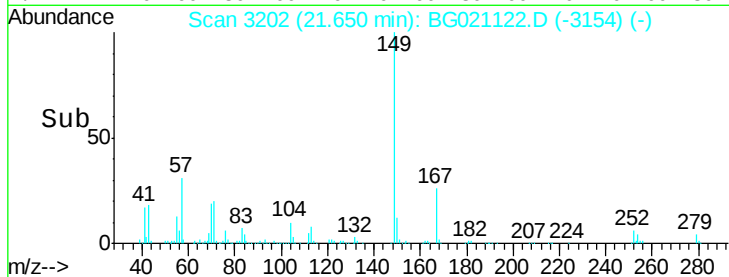
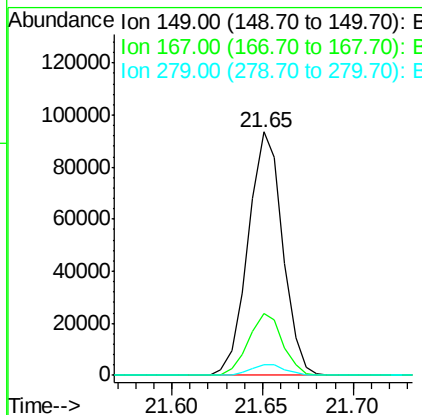
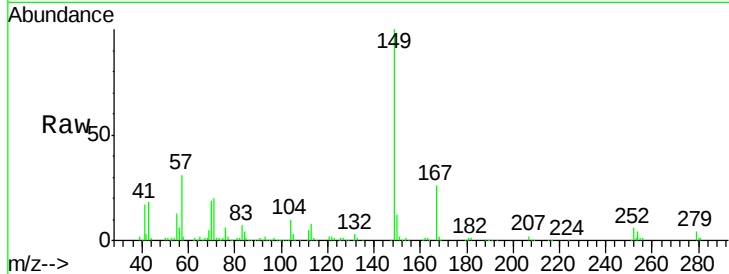




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.64 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

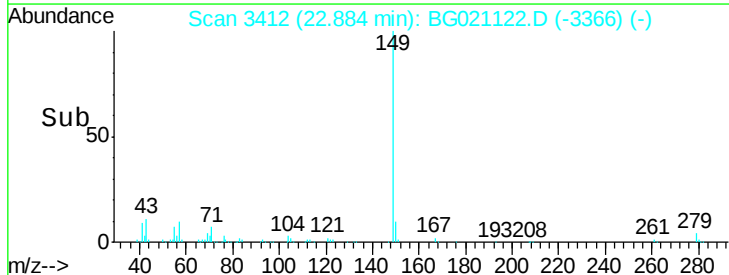
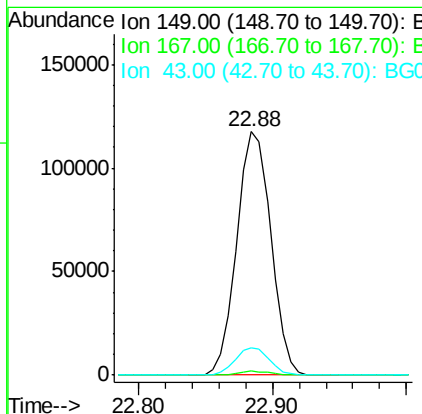
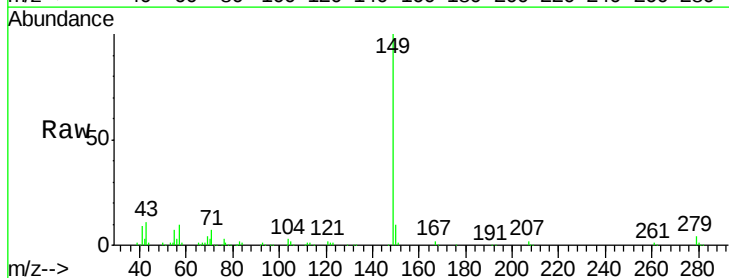
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

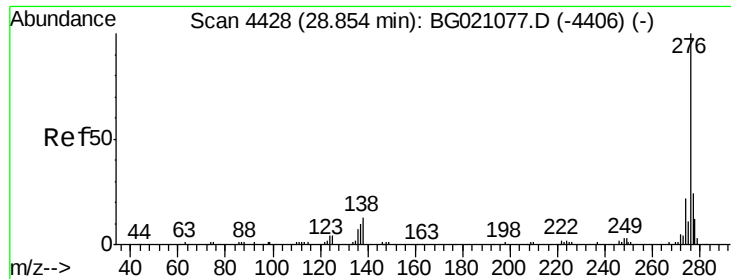
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	18.9	28.3
279	4.3	3.0	4.6



#84
 Di-n-octyl phthalate
 Concen: 57.05 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.03 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.8	14.8

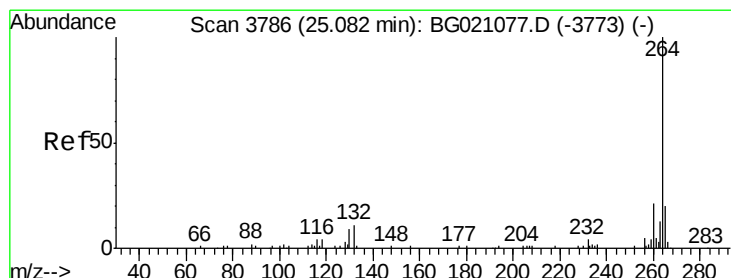
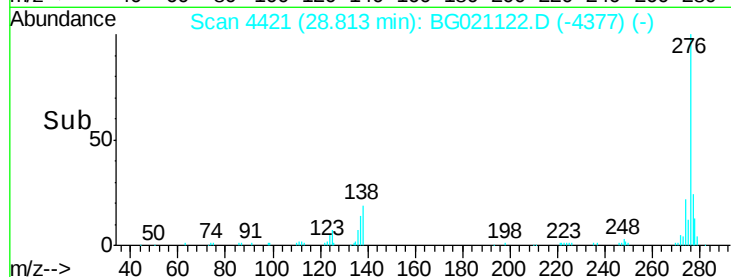
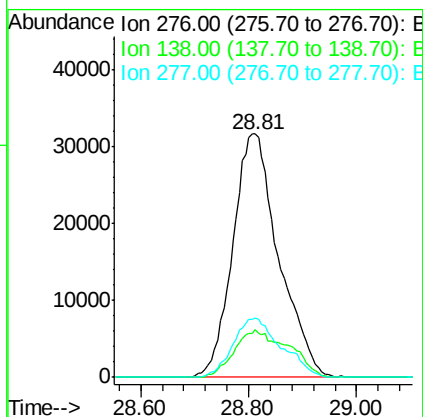
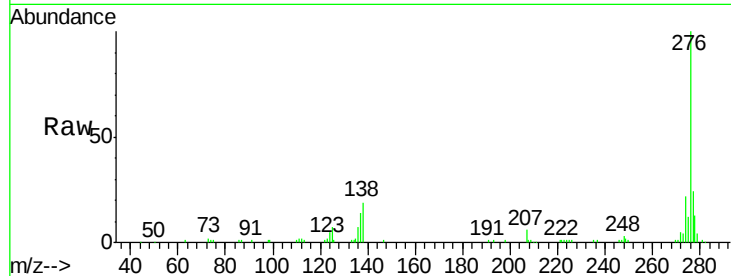




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.73 ng
 RT: 28.81 min Scan# 4421
 Delta R.T. -0.04 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

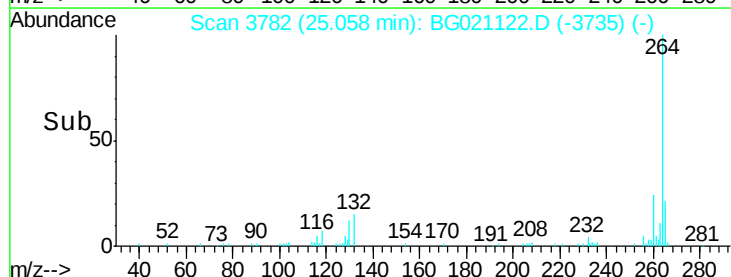
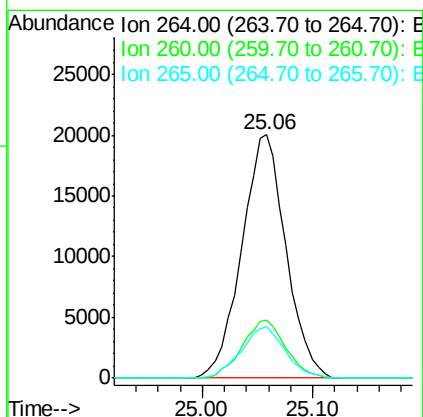
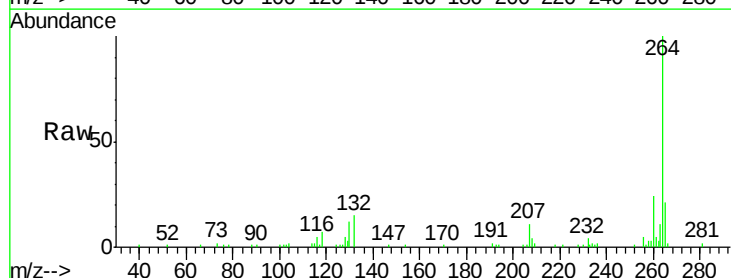
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

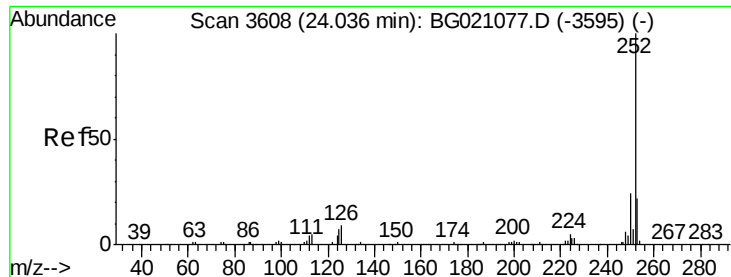
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	0.0	0.0#
277	25.6	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.0	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 49.54 ng

RT: 24.02 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

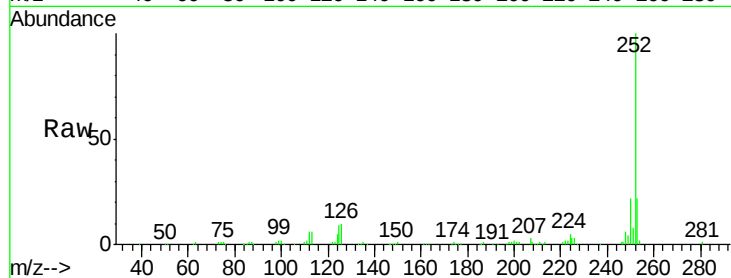
Tgt Ion:252 Resp: 173413

Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

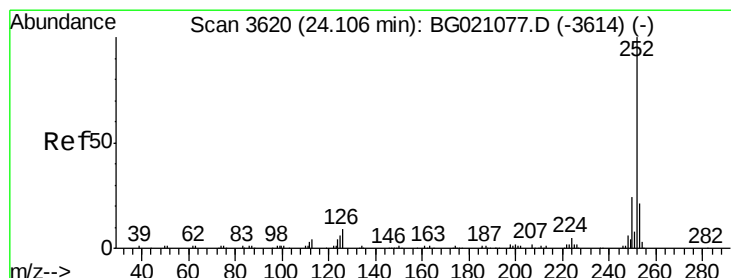
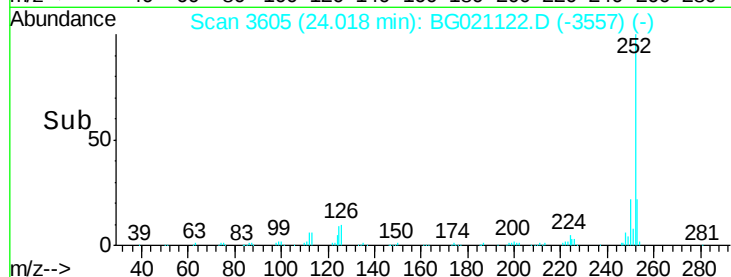
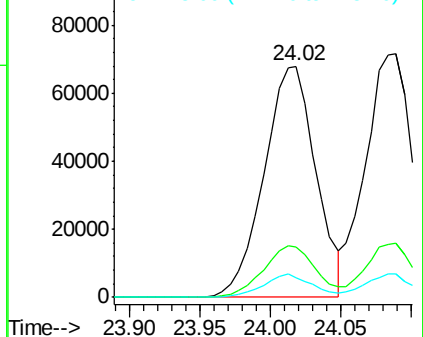
125 8.7 8.2 12.2



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: 48.94 ng

RT: 24.09 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

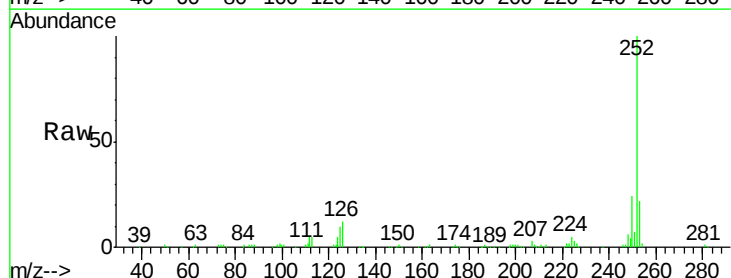
Tgt Ion:252 Resp: 168869

Ion Ratio Lower Upper

252 100

253 22.1 16.4 24.6

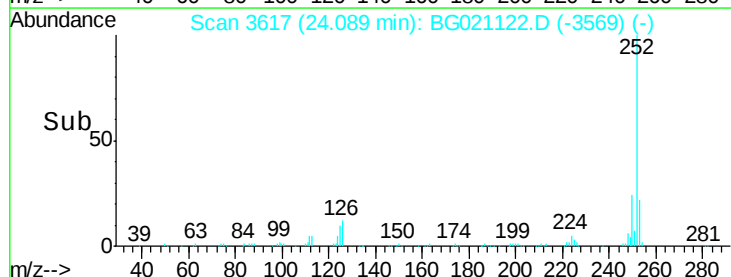
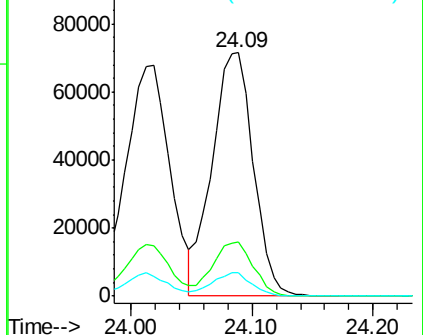
125 9.6 8.2 12.2

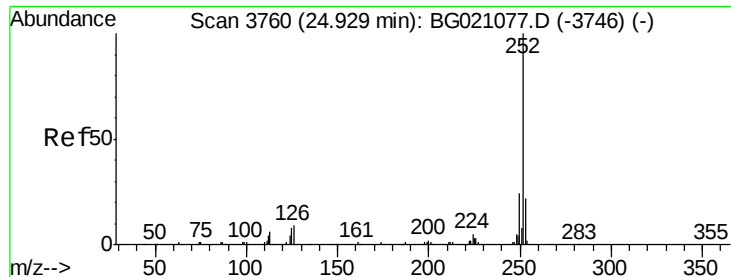


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.59 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

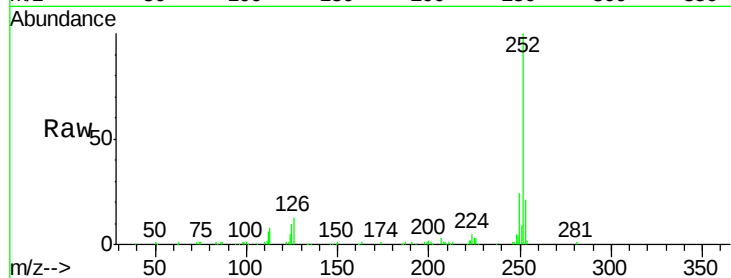
Tgt Ion:252 Resp: 166651

Ion Ratio Lower Upper

252 100

253 21.2 15.8 23.8

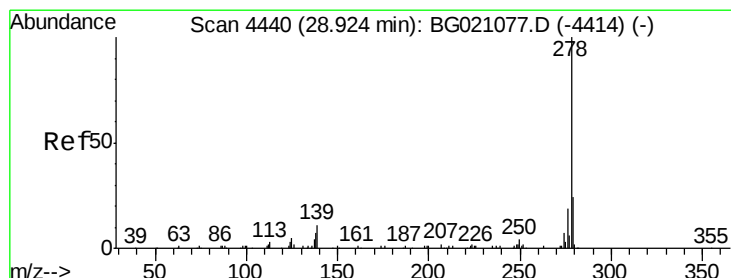
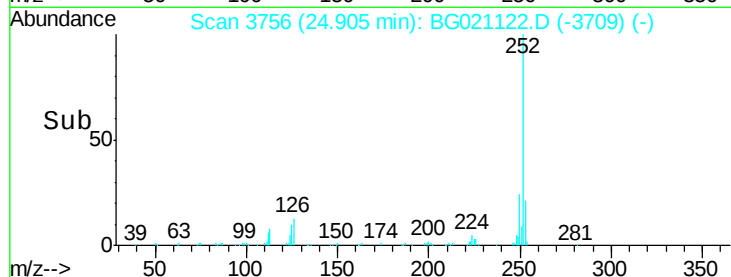
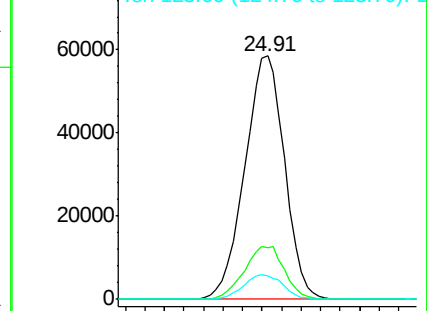
125 9.8 8.4 12.6



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: 46.60 ng

RT: 28.87 min Scan# 4431

Delta R.T. -0.05 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

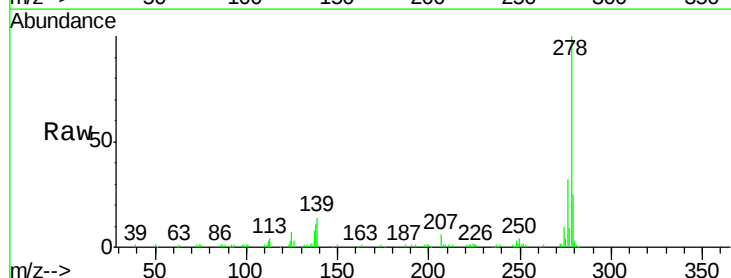
Tgt Ion:278 Resp: 157855

Ion Ratio Lower Upper

278 100

139 14.0 10.6 15.8

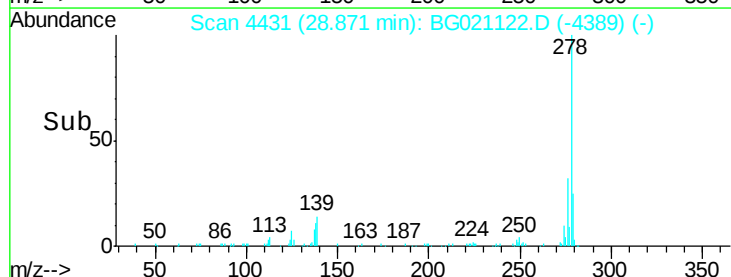
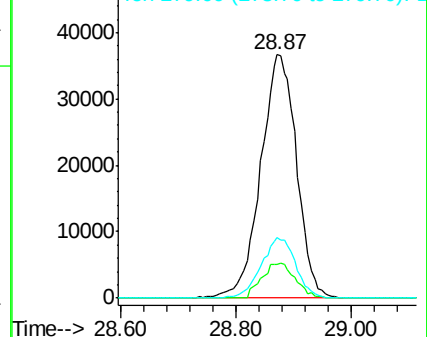
279 24.8 19.7 29.5

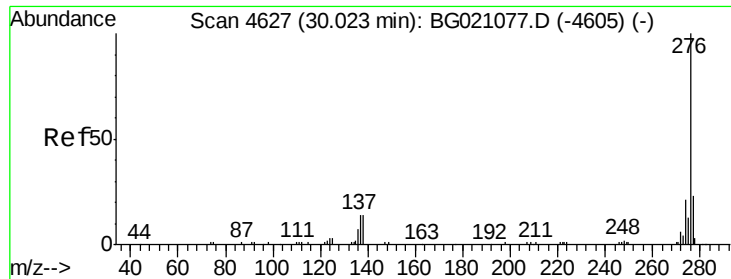


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.53 ng

RT: 29.99 min Scan# 4621

Delta R.T. -0.04 min

Lab File: BG021122.D

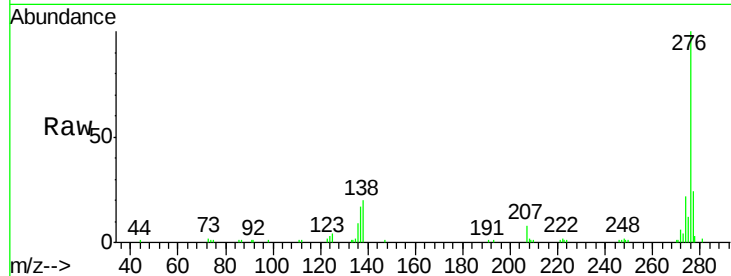
Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD



Tgt Ion:	276	Resp:	151827
Ion Ratio	Lower	Upper	
276	100		
277	23.7	16.6	25.0
138	19.5	14.6	21.8

