

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021163.D
 Acq On : 29 Feb 2016 20:13
 Operator : UM/SJ
 Sample : H1578-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Quant Time: Feb 29 23:58:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8482	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	43426	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	28580	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	70140	20.00	ng	0.00
75) Chrysene-d12	21.76	240	73721	20.00	ng	0.00
86) Perylene-d12	25.04	264	66721	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	93182	174.65	ng	0.00
7) Phenol-d6	7.30	99	151806	173.03	ng	0.00
23) Nitrobenzene-d5	9.32	82	106979	104.24	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	50073	168.39	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	187631	93.22	ng	0.00
78) Terphenyl-d14	20.08	244	277567	91.21	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	9636	40.21	ng	# 80
3) Pyridine	3.99	79	32307	42.65	ng	# 94
4) n-Nitrosodimethylamine	3.90	42	17804	46.66	ng	# 98
6) Aniline	7.47	93	33261	28.60	ng	# 84
8) 2-Chlorophenol	7.72	128	36407	55.66	ng	# 86
9) Benzaldehyde	7.29	77	6606	12.05	ng	# 85
10) Phenol	7.33	94	54110	57.86	ng	# 82
11) bis(2-Chloroethyl)ether	7.57	93	36236	50.27	ng	# 93
12) 1,3-Dichlorobenzene	8.04	146	31179	46.49	ng	# 90
13) 1,4-Dichlorobenzene	8.19	146	32592	47.20	ng	# 98
14) 1,2-Dichlorobenzene	8.51	146	32036	48.65	ng	# 95
15) Benzyl Alcohol	8.39	79	45197	56.42	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.68	45	58782	47.24	ng	# 96
17) 2-Methylphenol	8.59	107	35835	55.37	ng	# 89
18) Hexachloroethane	9.24	117	13098	45.30	ng	# 97
19) n-Nitroso-di-n-propylamine	8.96	70	39719	49.00	ng	# 94
20) 3+4-Methylphenols	8.91	107	49657	54.18	ng	# 91
22) Acetophenone	8.97	105	60973	47.18	ng	# 95
24) Nitrobenzene	9.36	77	56167	50.15	ng	# 87
25) Isophorone	9.88	82	108402	48.74	ng	# 95
26) 2-Nitrophenol	10.07	139	20673	50.67	ng	# 58
27) 2,4-Dimethylphenol	10.12	122	38663	52.82	ng	# 91
28) bis(2-Chloroethoxy)methane	10.36	93	54657	52.93	ng	# 98
29) 2,4-Dichlorophenol	10.60	162	36905	55.97	ng	# 95
30) 1,2,4-Trichlorobenzene	10.82	180	32885	49.45	ng	# 99
31) Naphthalene	11.01	128	112903	49.87	ng	# 98
32) Benzoic acid	10.12	122	38663	60.53	ng	# 19
33) 4-Chloroaniline	11.11	127	21073	20.18	ng	# 90
34) Hexachlorobutadiene	11.29	225	19354	47.80	ng	# 93
35) Caprolactam	11.89	113	10731	33.38	ng	# 75
36) 4-Chloro-3-methylphenol	12.22	107	54916	54.90	ng	# 84
37) 2-Methylnaphthalene	12.60	142	83973	52.09	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	40053	46.67	ng	# 96
40) Hexachlorocyclopentadiene	12.94	237	48478	103.01	ng	100

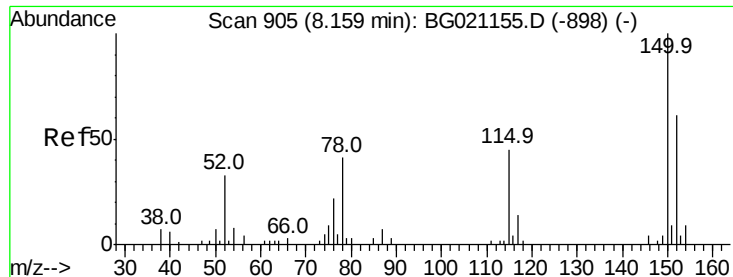
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	33139	51.41	nq	96
43) 2,4,5-Trichlorophenol	13.27	196	38154	55.35	nq	# 90
45) 1,1'-Biphenyl	13.60	154	112455	47.84	nq	94
46) 2-Chloronaphthalene	13.64	162	87738	49.73	nq	97
47) 2-Nitroaniline	13.84	65	45822	53.29	nq	# 75
48) Acenaphthylene	14.48	152	149679	50.11	nq	97
49) Dimethylphthalate	14.21	163	172639	67.78	nq	# 99
50) 2,6-Dinitrotoluene	14.33	165	28585	53.64	nq	# 59
51) Acenaphthene	14.82	154	95999	50.62	nq	98
52) 3-Nitroaniline	14.66	138	19801	33.49	nq	# 65
53) 2,4-Dinitrophenol	14.86	184	10204	37.78	nq	88
54) Dibenzofuran	15.15	168	142281	56.19	nq	# 90
55) 4-Nitrophenol	14.95	139	52490	107.04	nq	# 52
56) 2,4-Dinitrotoluene	15.11	165	41667	54.28	nq	# 74
57) Fluorene	15.80	166	123741	51.28	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	32632	59.19	nq	# 93
59) Diethylphthalate	15.57	149	144852	51.45	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	60005	49.81	nq	96
61) 4-Nitroaniline	15.82	138	33771	53.48	nq	# 60
62) Azobenzene	16.08	77	167312	55.33	nq	91
64) 4,6-Dinitro-2-methylphenol	15.87	198	21196	44.05	nq	92
65) n-Nitrosodiphenylamine	16.01	169	111028	51.48	nq	94
66) 4-Bromophenyl-phenylether	16.68	248	36580	49.90	nq	# 87
67) Hexachlorobenzene	16.80	284	35782	50.29	nq	# 78
68) Atrazine	16.95	200	42310	57.29	nq	97
69) Pentachlorophenol	17.14	266	49277	106.01	nq	92
70) Phenanthrene	17.54	178	193735	51.18	nq	99
71) Anthracene	17.63	178	196848	50.82	nq	99
72) Carbazole	17.90	167	183690	53.48	nq	98
73) Di-n-butylphthalate	18.44	149	241739	50.06	nq	# 97
74) Fluoranthene	19.53	202	221653	49.84	nq	100
76) Benzidine	19.71	184	45632	22.12	nq	99
77) Pyrene	19.90	202	227307	51.69	nq	98
79) Butylbenzylphthalate	20.77	149	112652	50.19	nq	88
80) Benzo(a)anthracene	21.74	228	221533	50.76	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	39843	24.13	nq	# 99
82) Chrysene	21.81	228	198644	48.03	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	168580	51.25	nq	96
84) Di-n-octyl phthalate	22.86	149	286036	52.20	nq	99
85) Indeno(1,2,3-cd)pyrene	28.77	276	228267	48.13	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	214553	51.12	nq	99
88) Benzo(k)fluoranthene	24.06	252	209060	49.74	nq	97
89) Benzo(a)pyrene	24.88	252	206389	50.86	nq	95
90) Dibenzo(a,h)anthracene	28.83	278	195208	48.63	nq	# 94
91) Benzo(g,h,i)perylene	29.94	276	186338	48.05	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

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ClientSampleId :

CEB-6(12-14)20160224MS

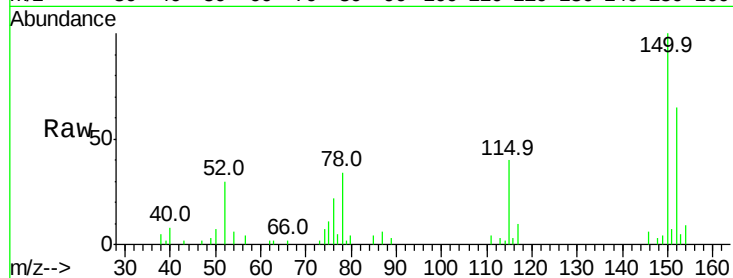
Tot Ion:152 Resp: 8482

Ion Ratio Lower Upper

152 100

150 153.5 123.4 185.2

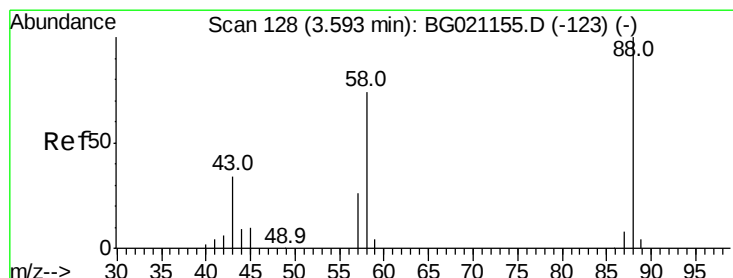
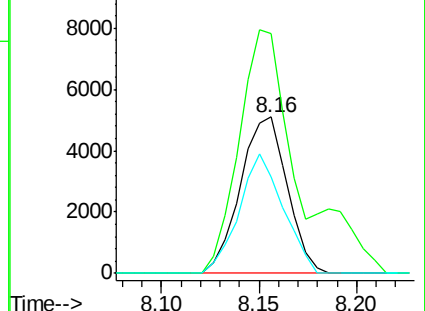
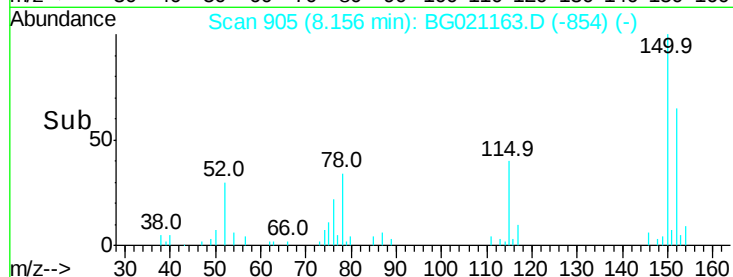
115 61.5 43.3 64.9



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: 40.21 ng

RT: 3.59 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

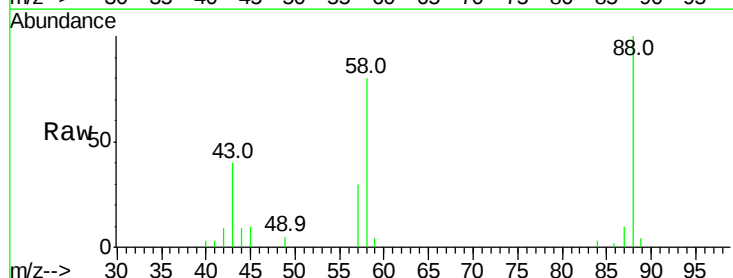
Tgt Ion: 88 Resp: 9636

Ion Ratio Lower Upper

88 100

58 88.6 55.9 83.9#

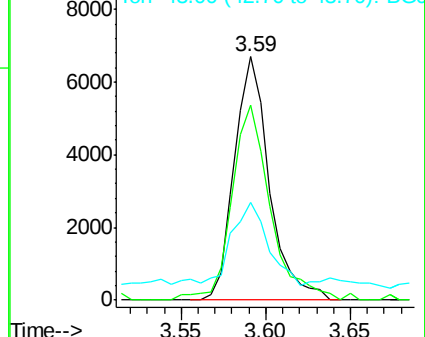
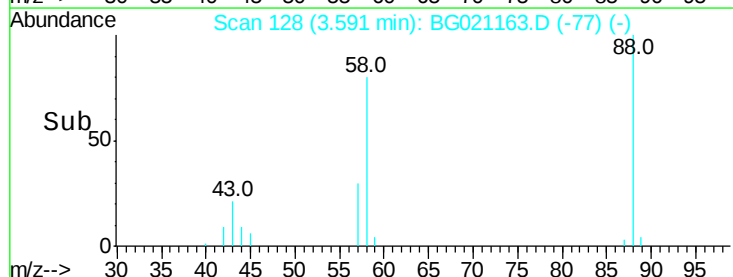
43 35.5 22.5 33.7#

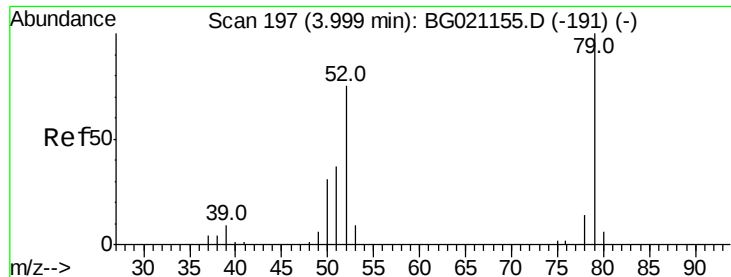


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.65 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

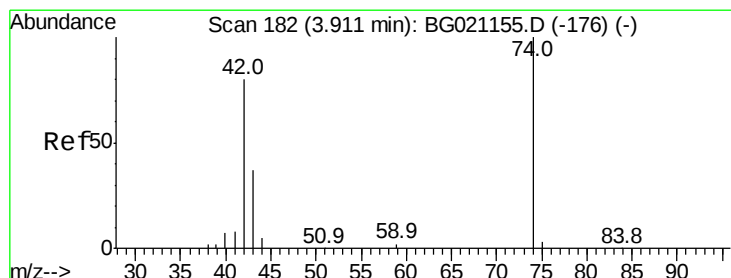
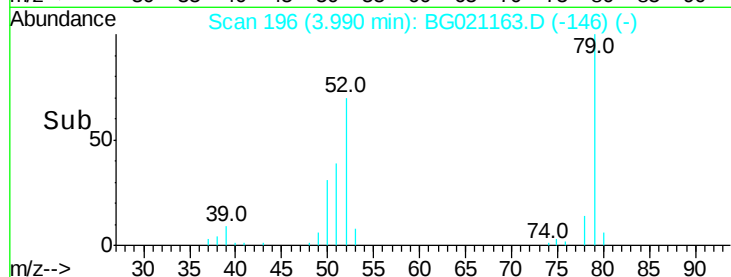
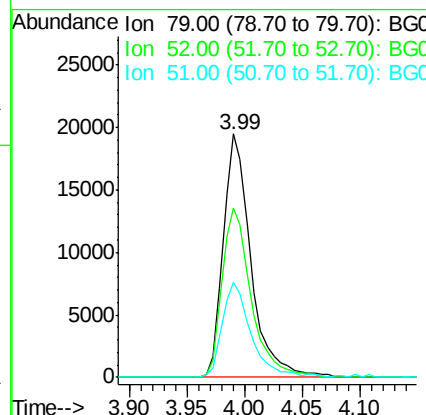
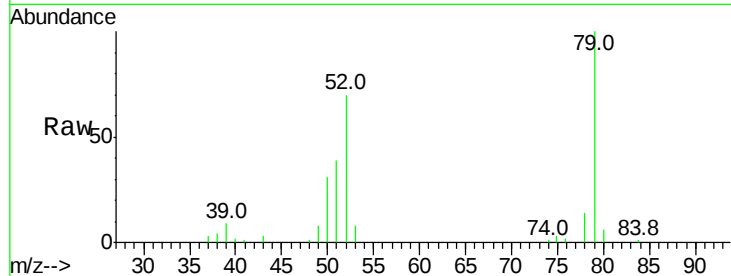
Tot Ion: 79 Resp: 32307

Ion Ratio Lower Upper

79 100

52 69.6 53.2 79.8

51 39.1 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 46.66 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

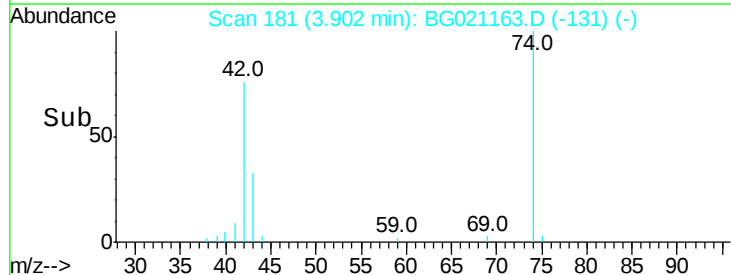
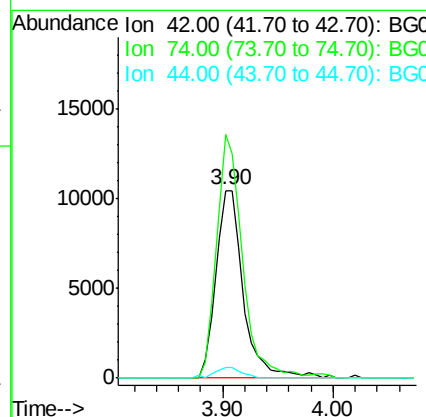
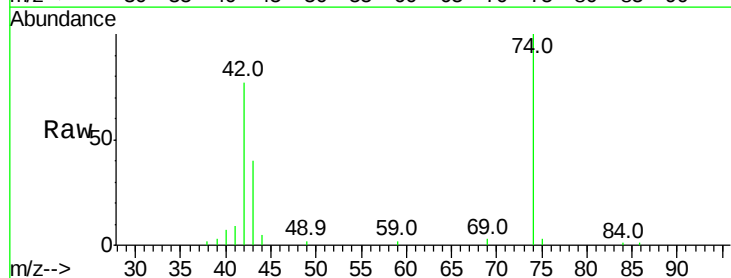
Tgt Ion: 42 Resp: 17804

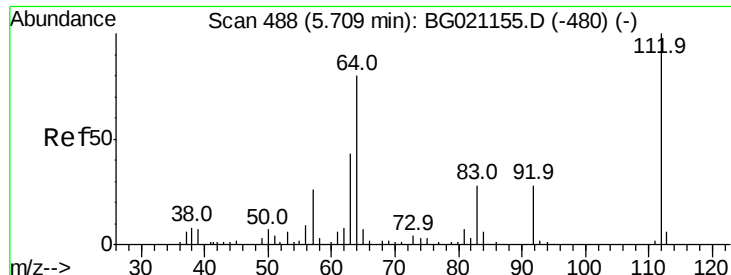
Ion Ratio Lower Upper

42 100

74 129.9 102.3 153.5

44 6.0 4.8 7.2





#5

2-Fluorophenol

Concen: 174.65 ng

RT: 5.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

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ClientSampleId :

CEB-6(12-14)20160224MS

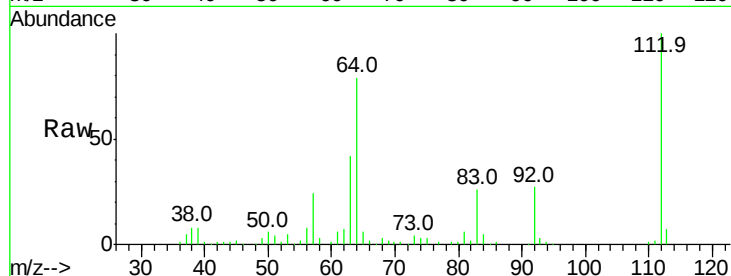
Tot Ion:112 Resp: 93182

Ion Ratio Lower Upper

112 100

64 78.6 42.6 63.8#

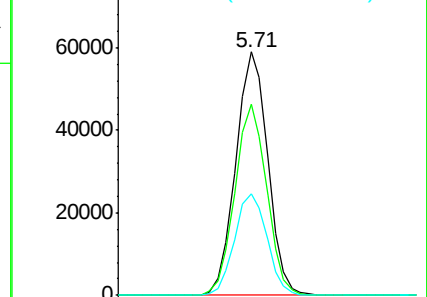
63 41.9 21.7 32.5#



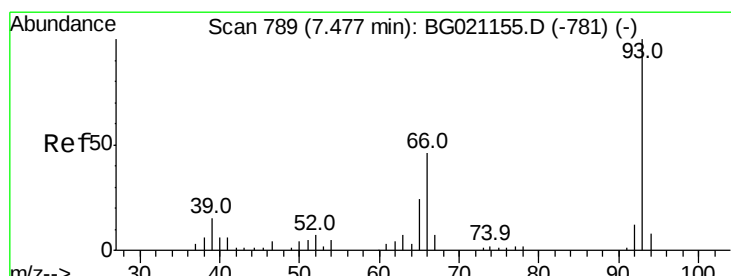
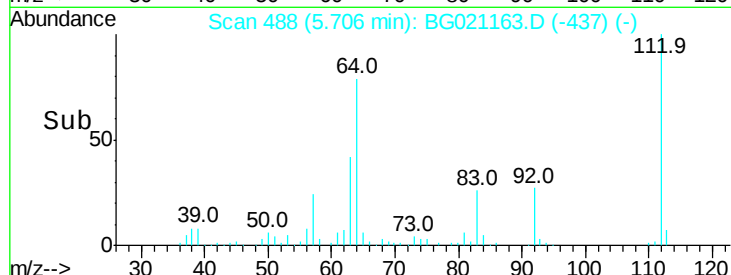
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 28.60 ng

RT: 7.47 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

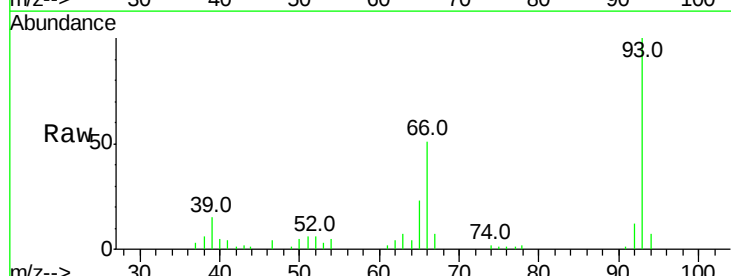
Tgt Ion: 93 Resp: 33261

Ion Ratio Lower Upper

93 100

66 50.7 30.1 45.1#

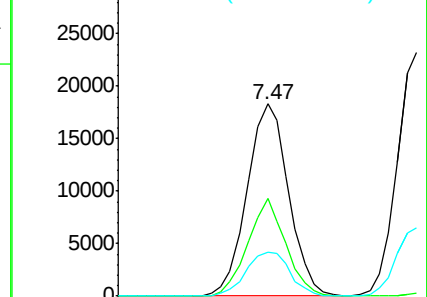
65 23.1 16.6 24.8



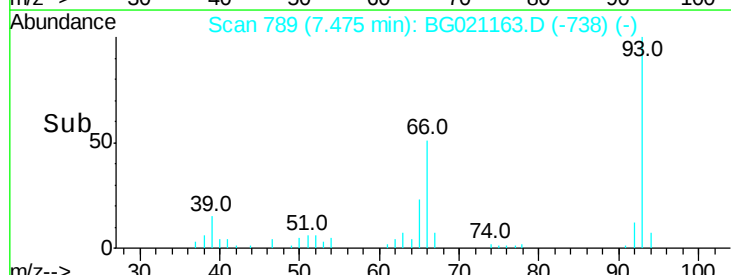
Abundance Ion 93.00 (92.70 to 93.70): BGC

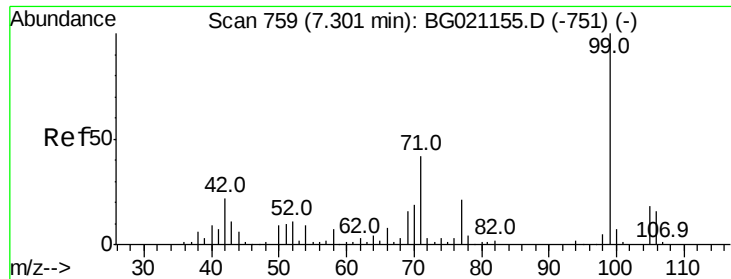
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 173.03 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021163.D

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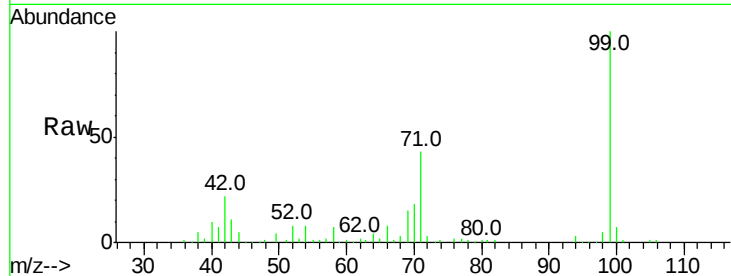
Tot Ion: 99 Resp: 151806

Ion Ratio Lower Upper

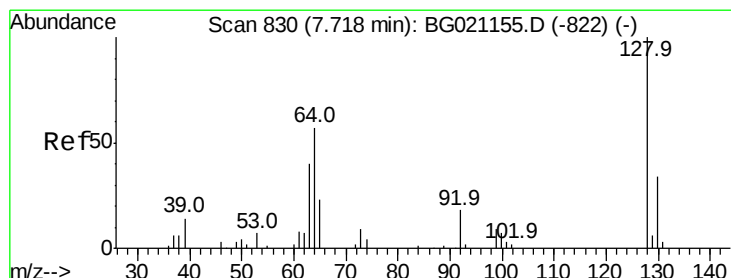
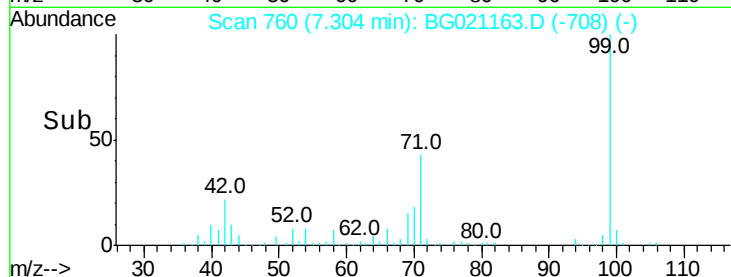
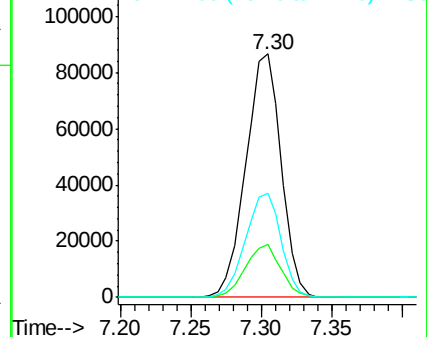
99 100

42 21.9 13.2 19.8#

71 42.8 25.2 37.8#



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



#8

2-Chlorophenol

Concen: 55.66 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

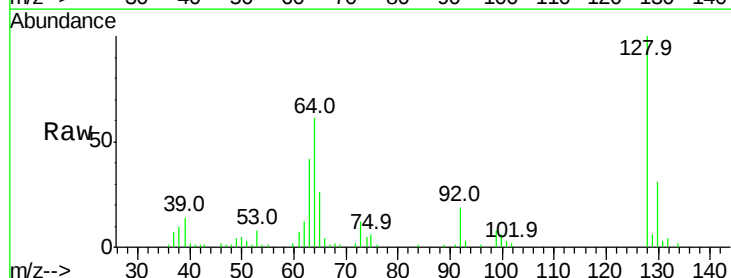
Tgt Ion:128 Resp: 36407

Ion Ratio Lower Upper

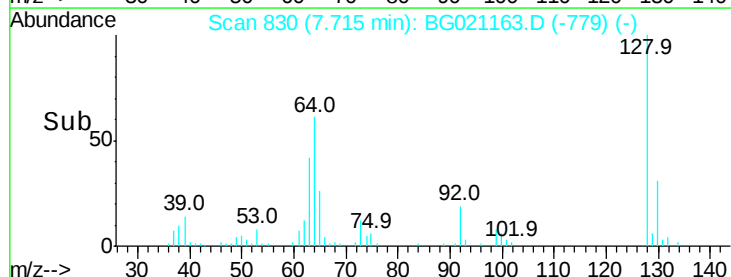
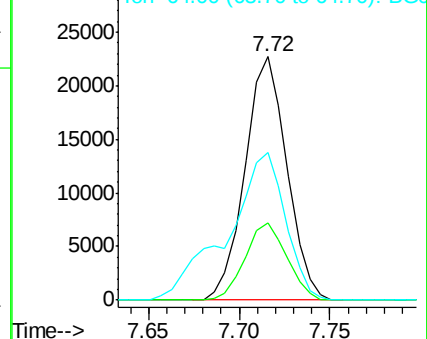
128 100

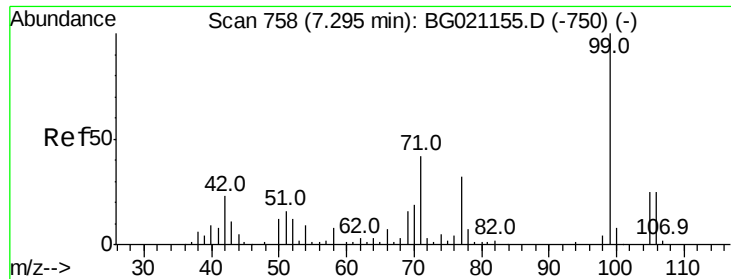
130 31.5 11.9 51.9

64 60.9 25.8 65.8



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





#9

Benzaldehyde

Concen: 12.05 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

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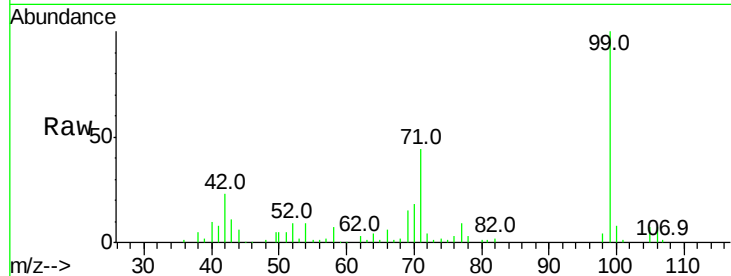
Tot Ion: 77 Resp: 6606

Ion Ratio Lower Upper

77 100

105 77.2 77.4 117.4#

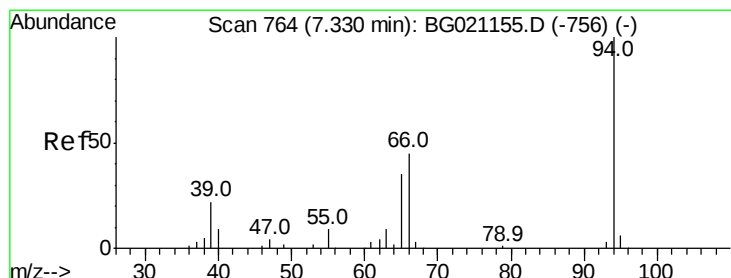
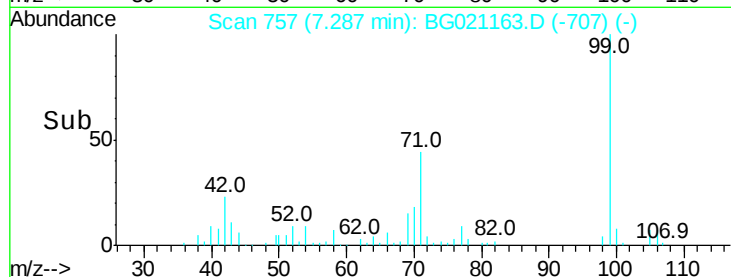
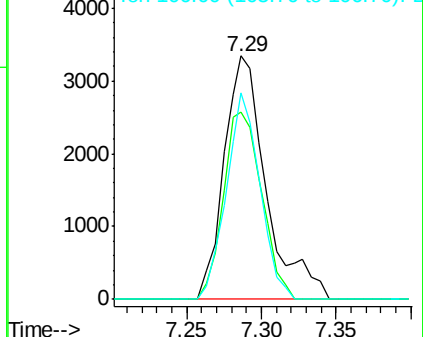
106 84.6 72.8 112.8



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: 57.86 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

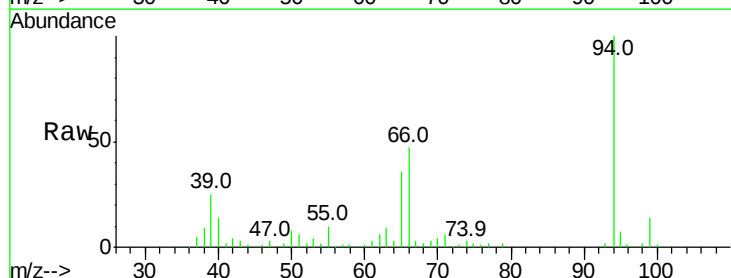
Tgt Ion: 94 Resp: 54110

Ion Ratio Lower Upper

94 100

65 36.4 7.2 47.2

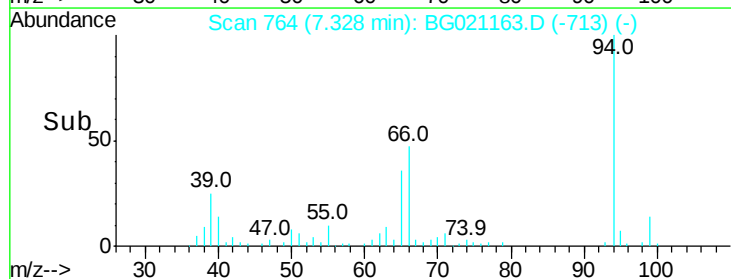
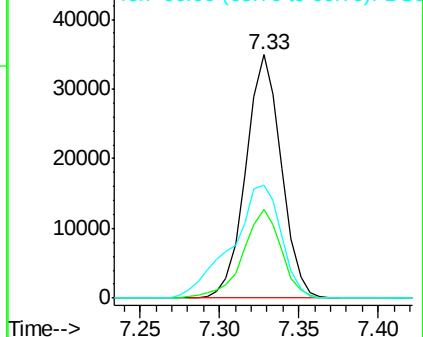
66 46.5 15.4 55.4

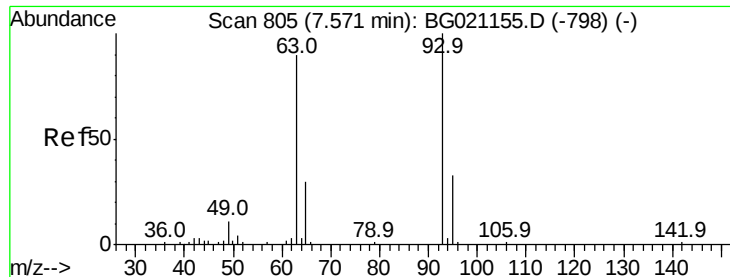


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 50.27 ng

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

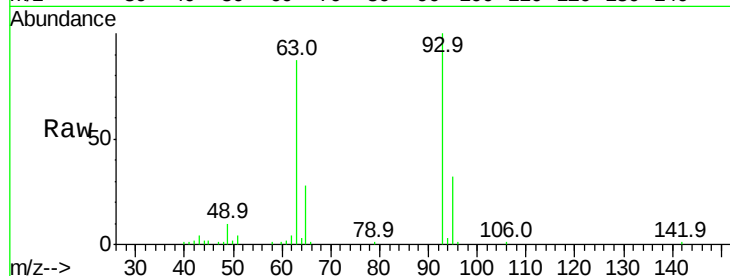
Tot Ion: 93 Resp: 36236

Ion Ratio Lower Upper

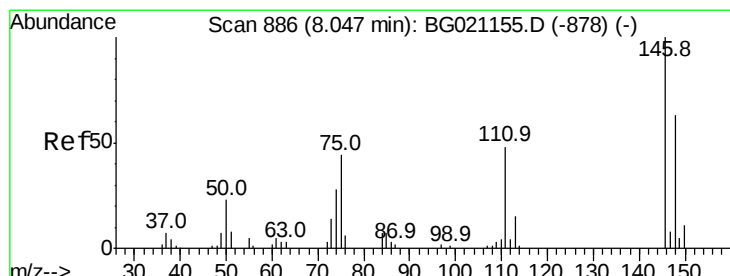
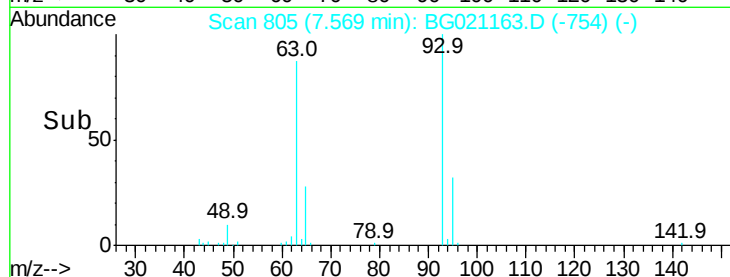
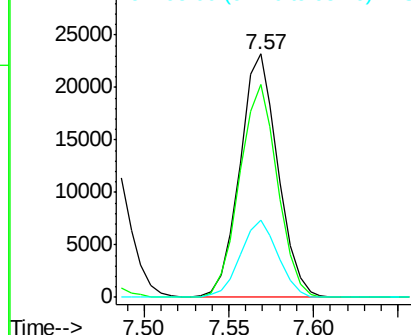
93 100

63 87.4 60.5 100.5

95 31.8 14.6 54.6



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



#12

1,3-Dichlorobenzene

Concen: 46.49 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

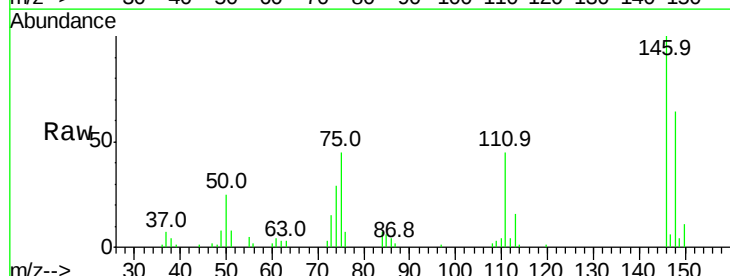
Tgt Ion:146 Resp: 31179

Ion Ratio Lower Upper

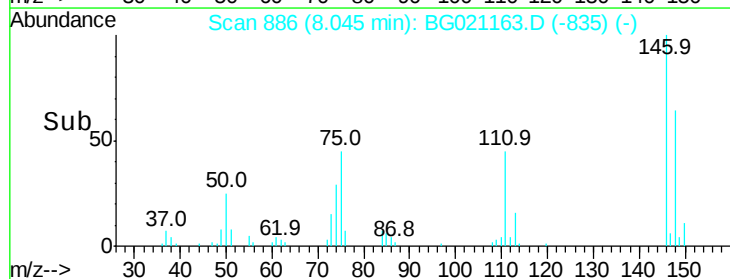
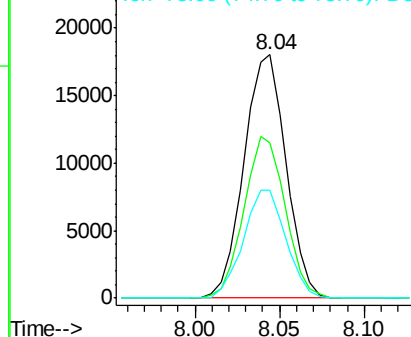
146 100

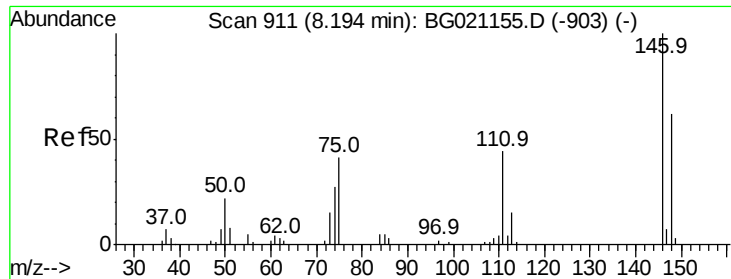
148 63.7 52.6 78.8

75 44.5 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

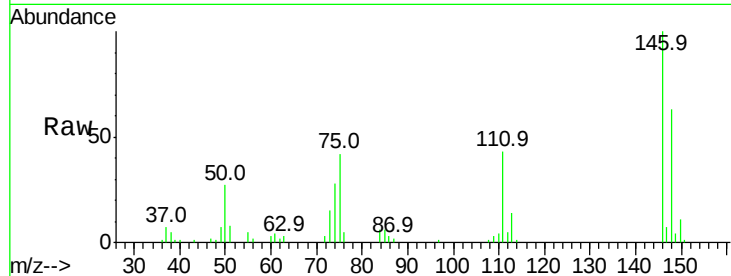




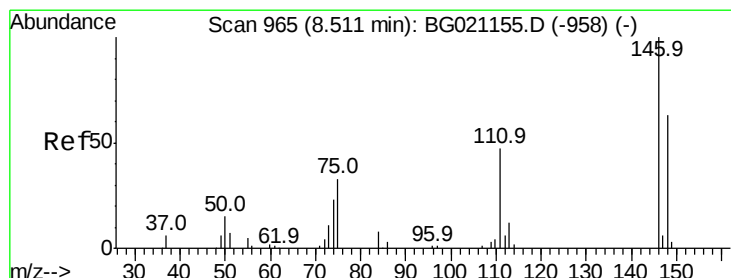
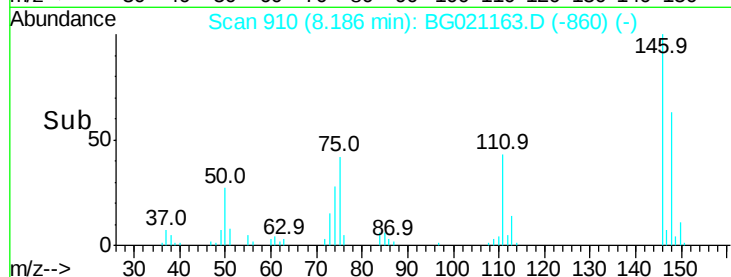
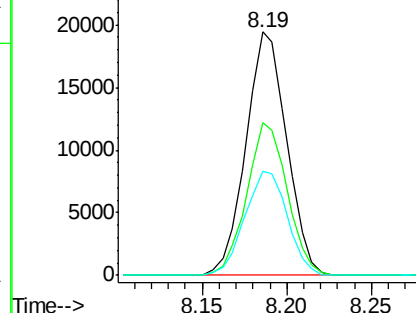
#13
 1,4-Dichlorobenzene
 Concen: 47.20 ng
 RT: 8.19 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion:146 Resp: 32592
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.2 75.4
 111 42.7 31.9 47.9

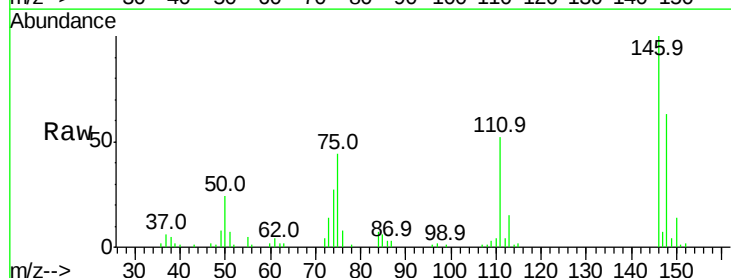


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

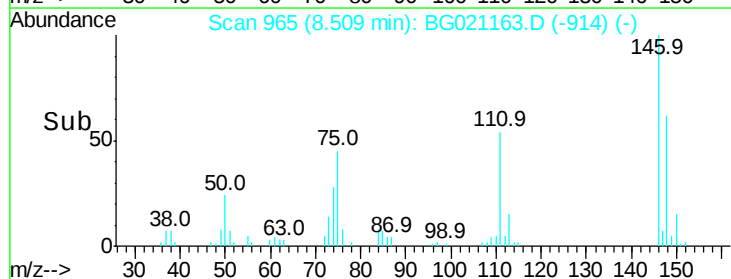
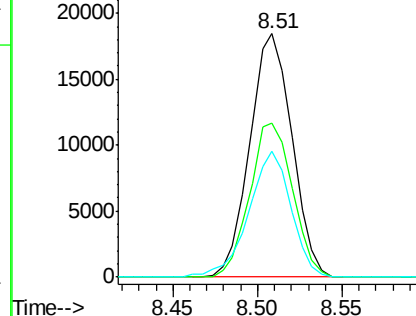


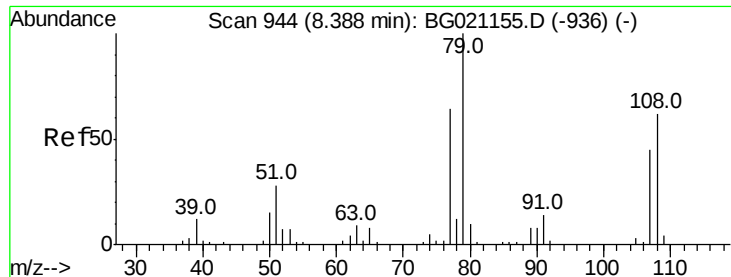
#14
 1,2-Dichlorobenzene
 Concen: 48.65 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:146 Resp: 32036
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.5 75.7
 111 51.8 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

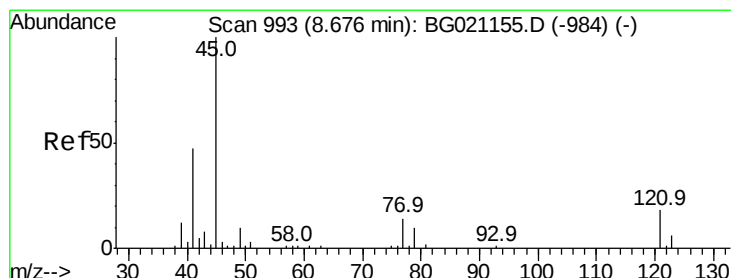
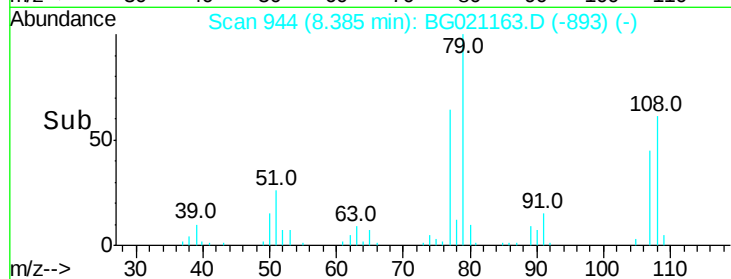
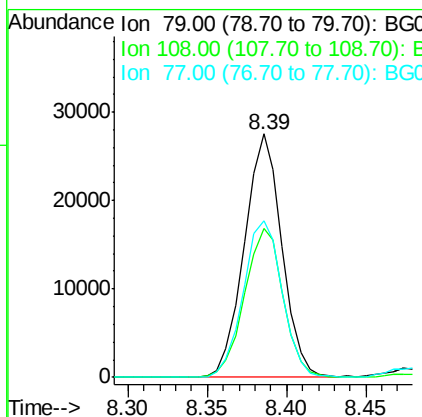
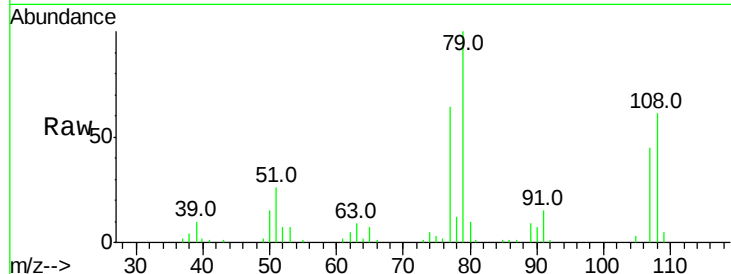




#15
Benzyl Alcohol
Concen: 56.42 ng
RT: 8.39 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

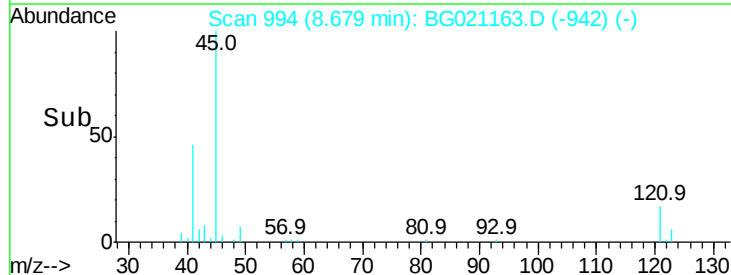
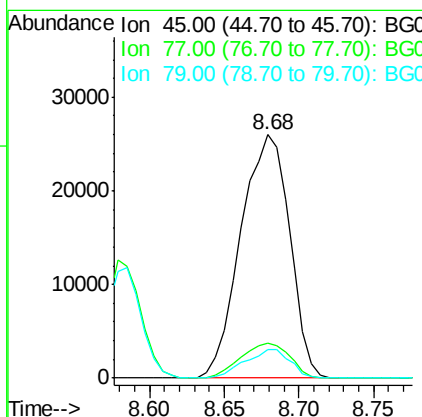
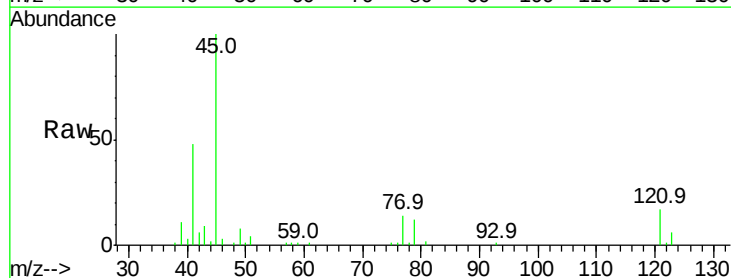
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

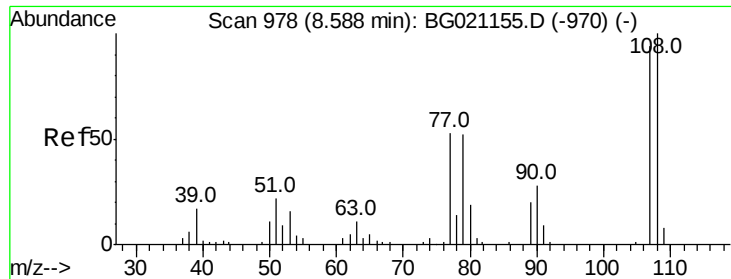
Tot Ion: 79 Resp: 45197
Ion Ratio Lower Upper
79 100
108 61.4 65.1 97.7#
77 64.1 53.8 80.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.24 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion: 45 Resp: 58782
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.3
79 11.9 0.0 29.6

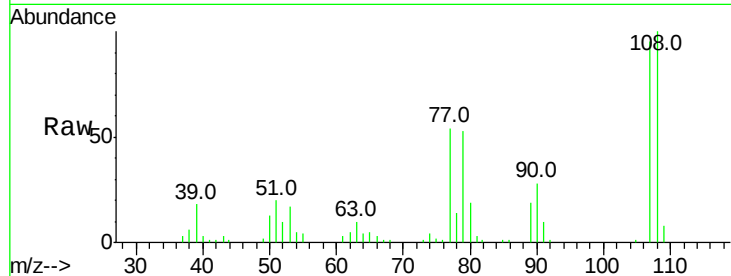




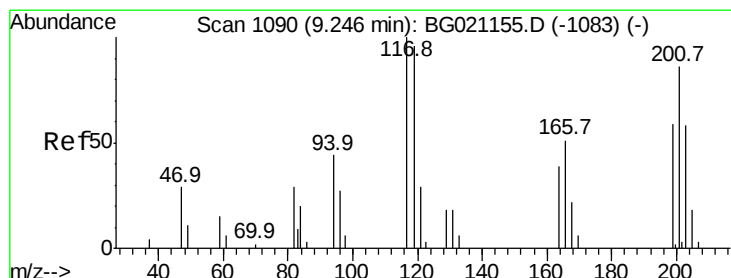
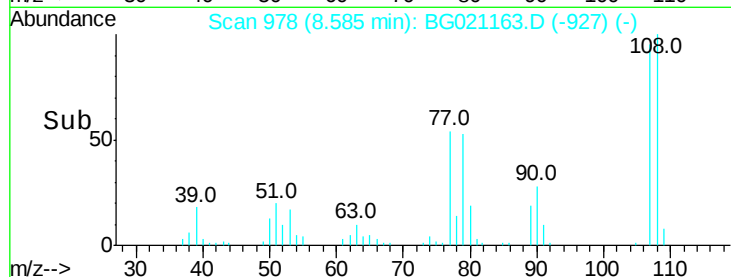
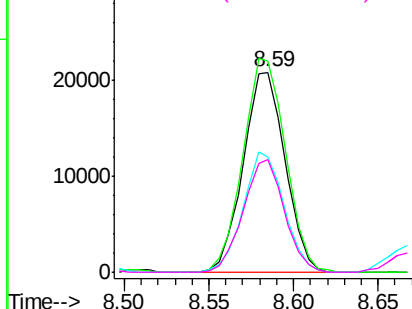
#17
2-Methylphenol
Concen: 55.37 ng
RT: 8.59 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion:107 Resp: 35835
Ion Ratio Lower Upper
107 100
108 105.6 88.8 133.2
77 57.3 38.0 57.0#
79 56.4 32.6 49.0#

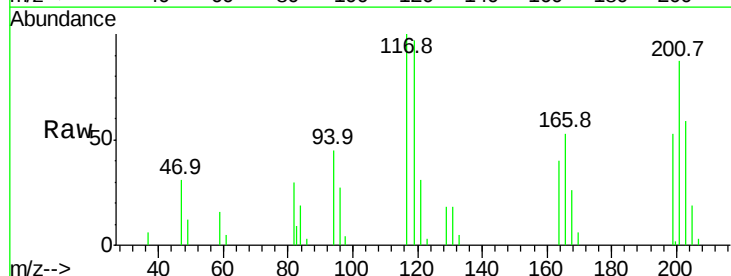


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

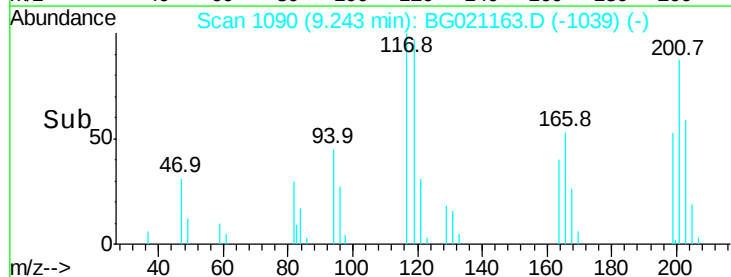
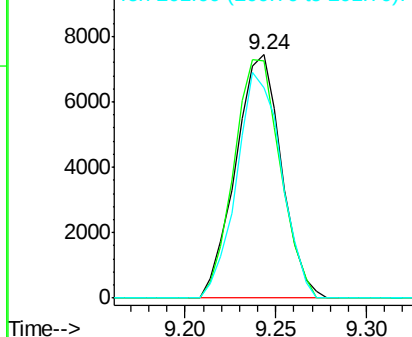


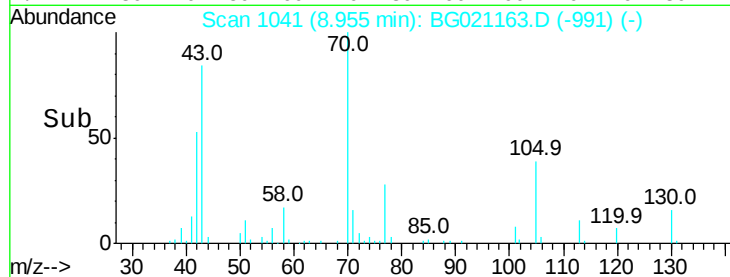
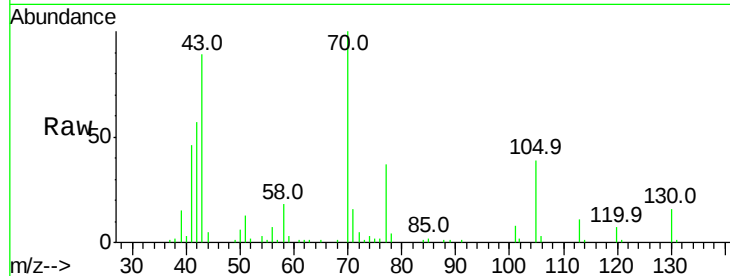
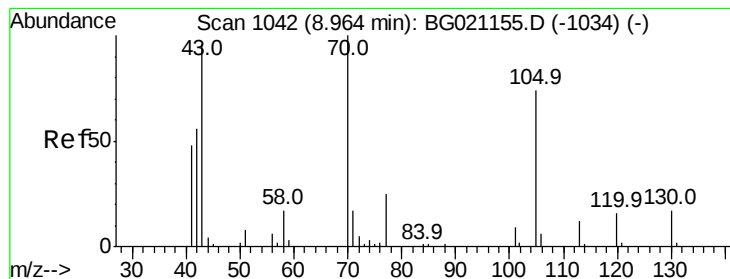
#18
Hexachloroethane
Concen: 45.30 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:117 Resp: 13098
Ion Ratio Lower Upper
117 100
119 97.4 74.5 111.7
201 86.6 68.2 102.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.00 ng

RT: 8.96 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion: 70 Resp: 39719

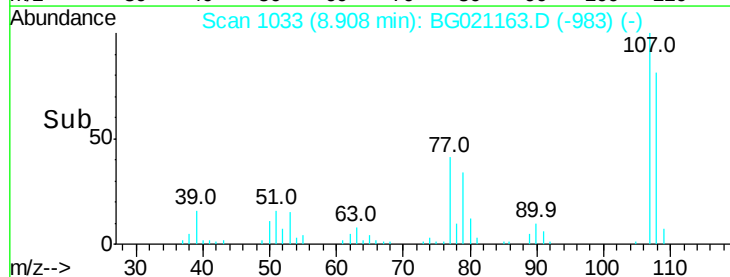
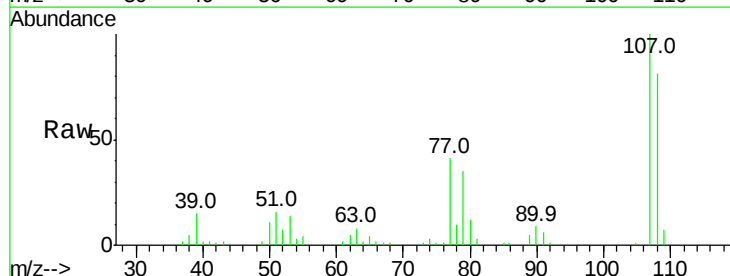
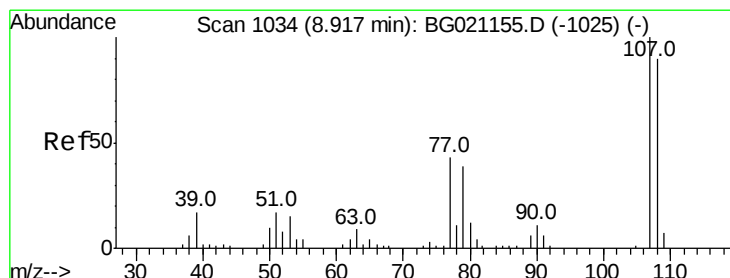
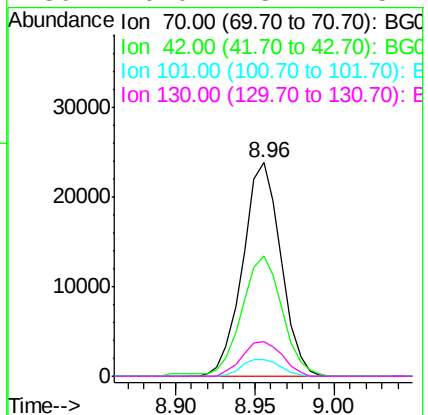
Ion Ratio Lower Upper

70 100

42 56.6 48.8 73.2

101 7.7 8.5 12.7#

130 16.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 54.18 ng

RT: 8.91 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion: 107 Resp: 49657

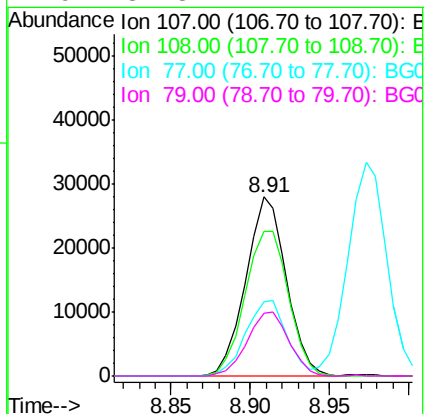
Ion Ratio Lower Upper

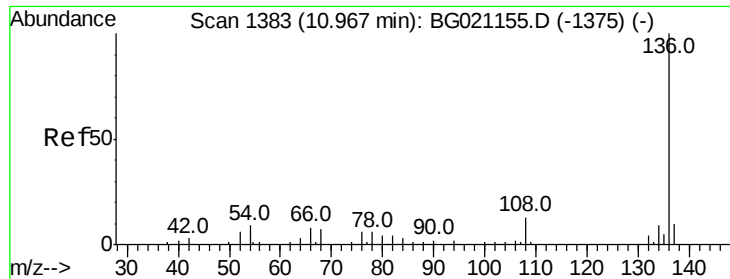
107 100

108 81.1 67.6 107.6

77 41.4 14.4 54.4

79 34.8 7.7 47.7

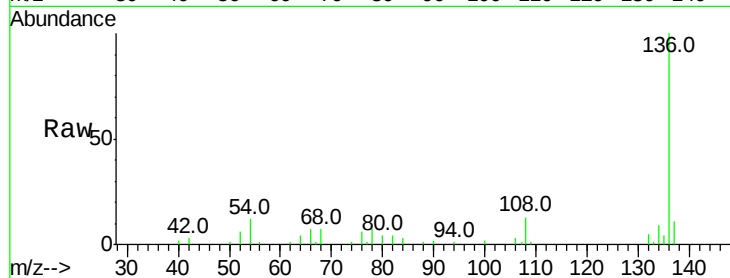




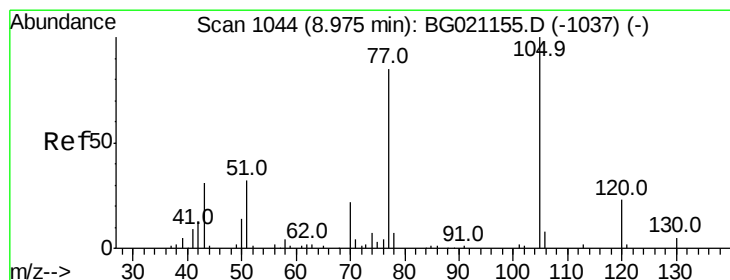
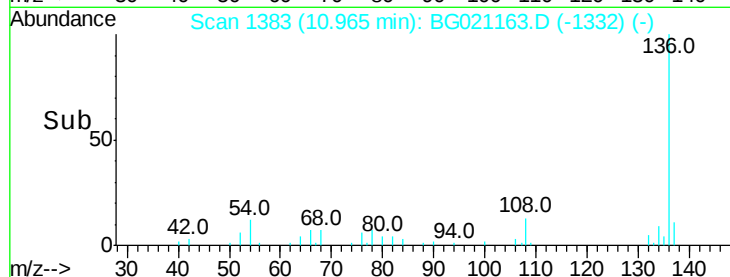
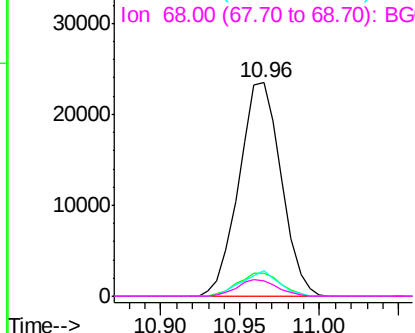
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion:136	Resp:	43426
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	11.8	6.9 10.3
68	7.1	5.8 8.6



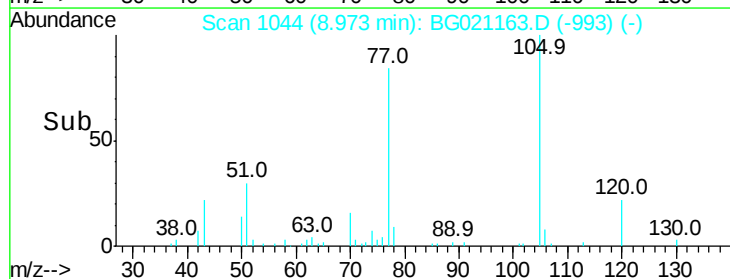
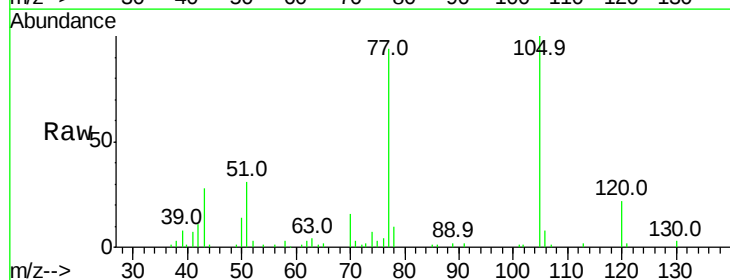
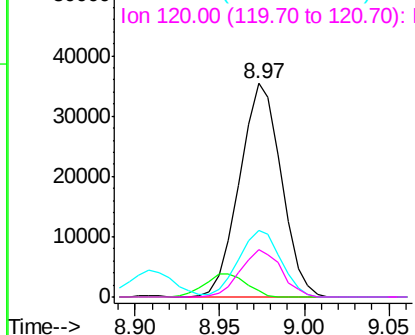
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

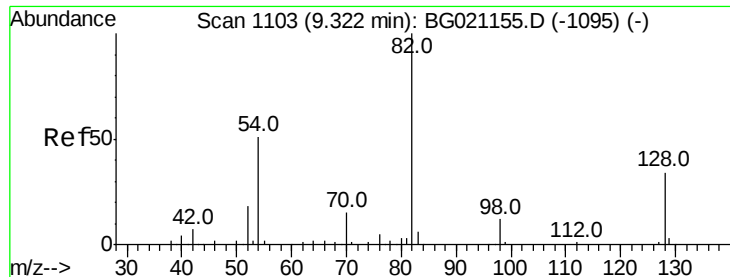


#22
Acetophenone
Concen: 47.18 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:105	Resp:	60973
Ion Ratio	Lower	Upper
105	100	
71	3.1	0.0 0.0
51	31.4	21.4 32.2
120	22.4	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

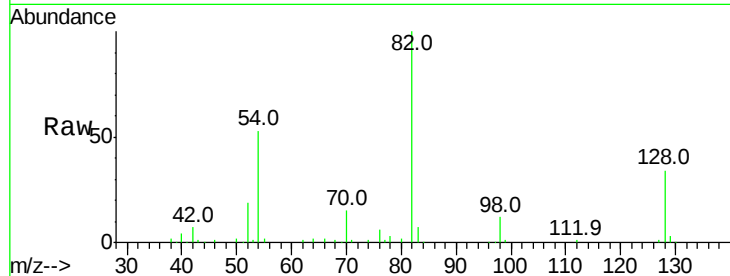




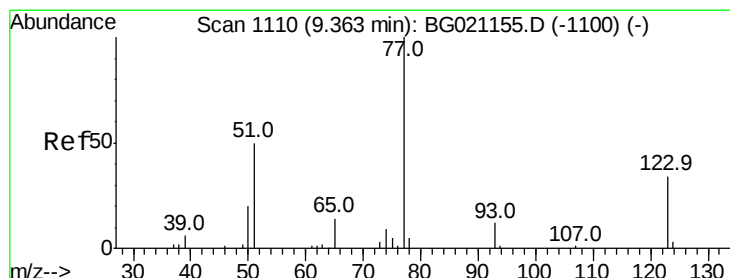
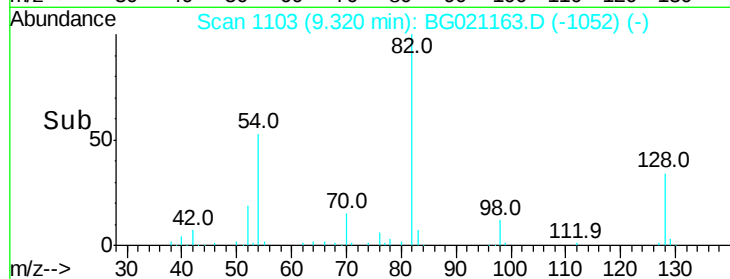
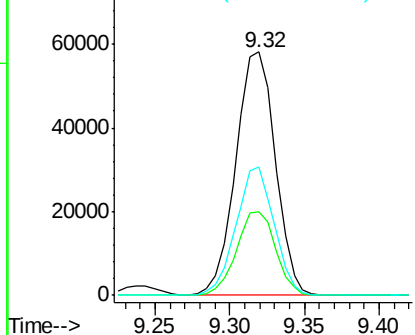
#23
 Nitrobenzene-d5
 Concen: 104.24 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	36.3	54.5#
54	52.6	37.6	56.4

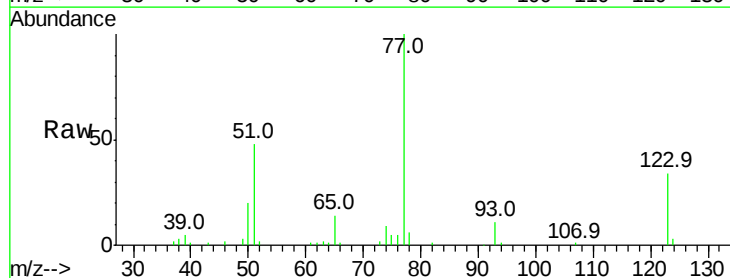


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

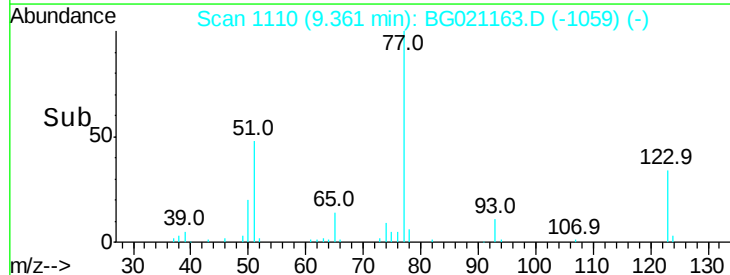
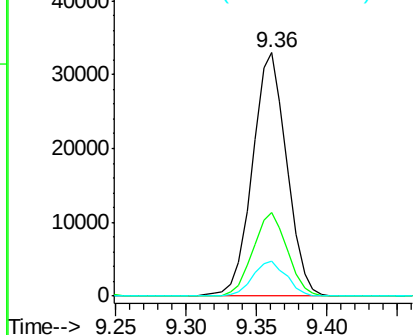


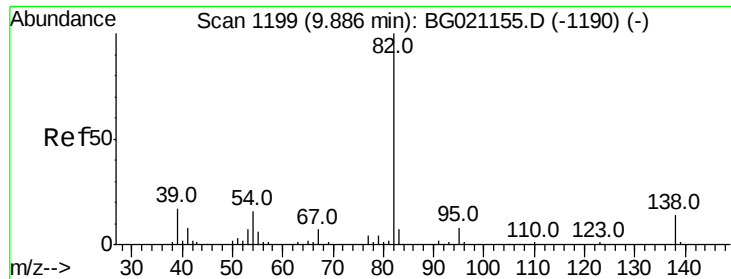
#24
 Nitrobenzene
 Concen: 50.15 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.5	35.8	53.6#
65	14.1	10.6	16.0



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





#25

Isophorone

Concen: 48.74 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

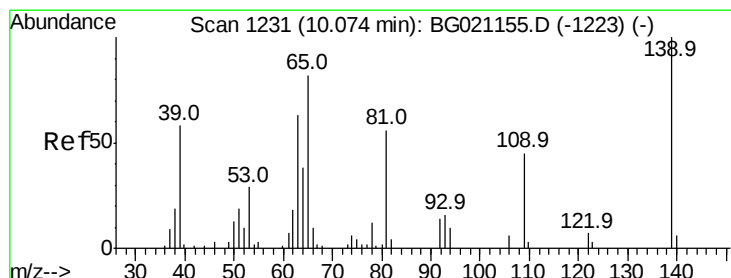
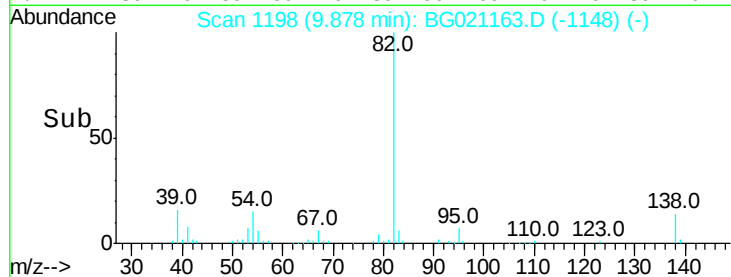
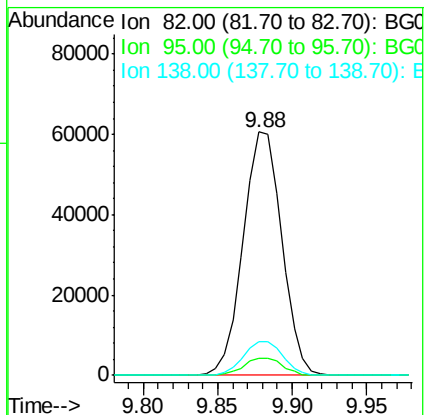
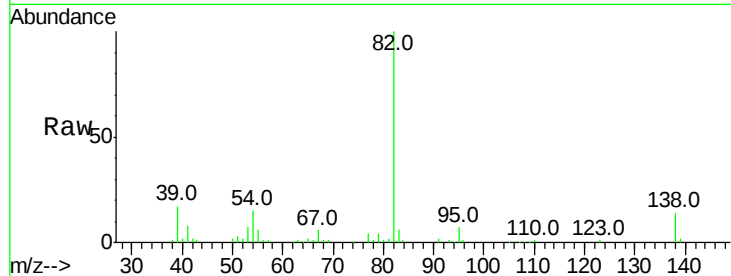
Tot Ion: 82 Resp: 108402

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.0

138 14.0 13.4 20.0



#26

2-Nitrophenol

Concen: 50.67 ng

RT: 10.07 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

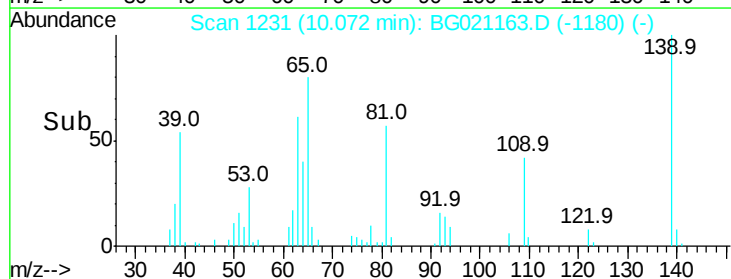
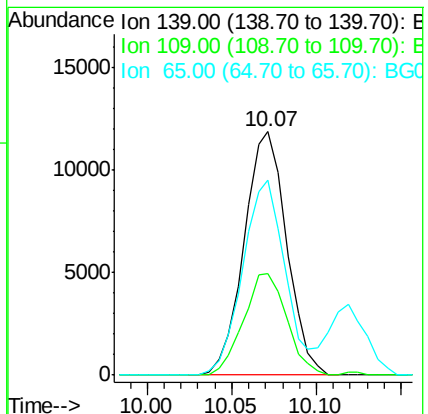
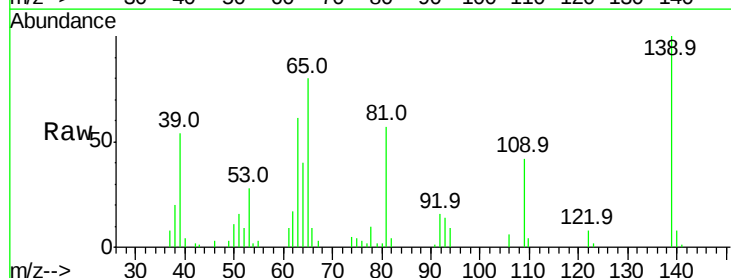
Tgt Ion: 139 Resp: 20673

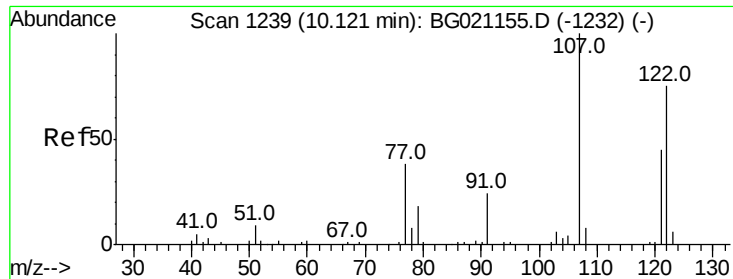
Ion Ratio Lower Upper

139 100

109 41.6 21.4 32.0#

65 80.0 37.8 56.8#

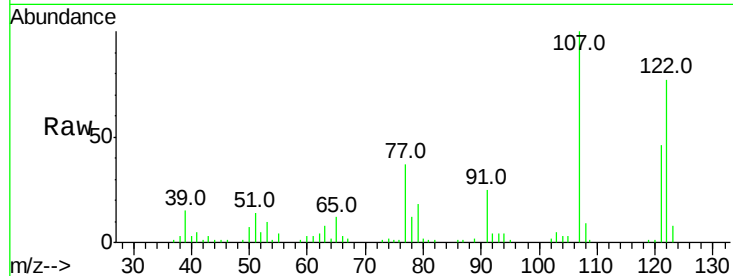




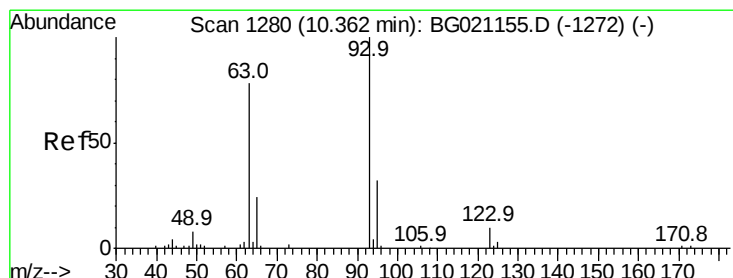
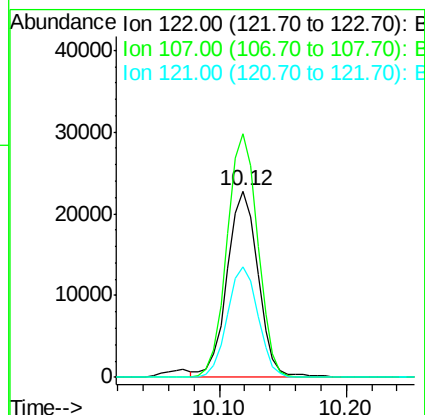
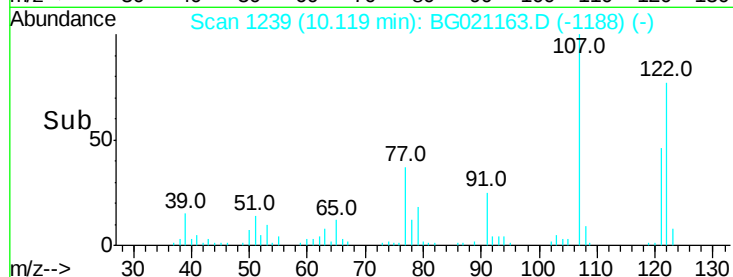
#27
 2,4-Dimethylphenol
 Concen: 52.82 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion:122 Resp: 38663
 Ion Ratio Lower Upper
 122 100
 107 130.5 94.1 141.1
 121 59.4 45.9 68.9

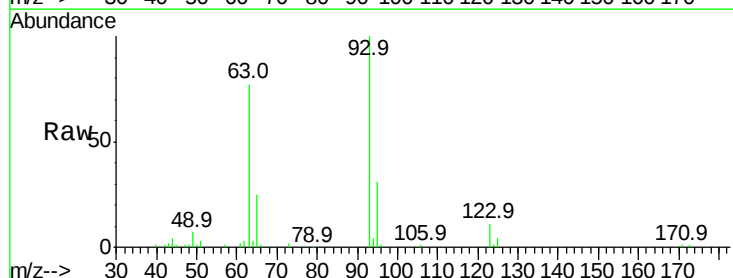


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

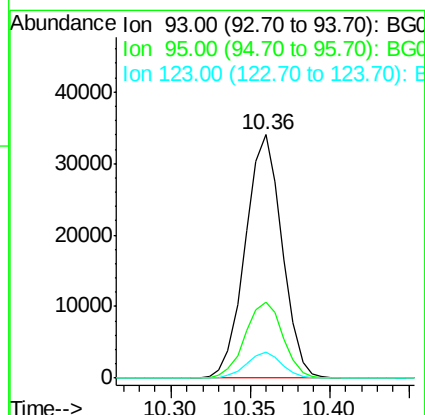
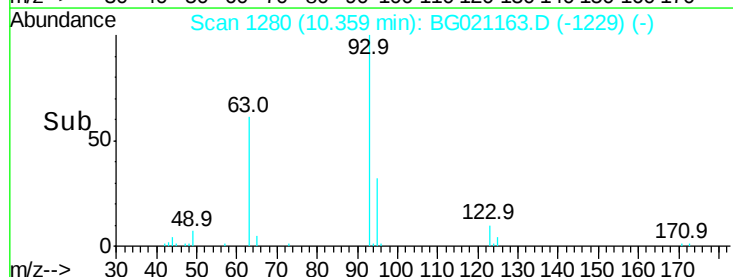


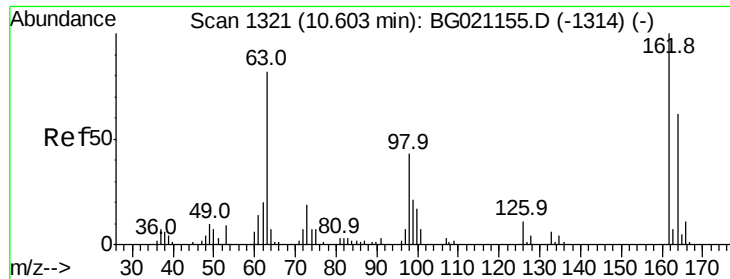
#28
 bis(2-Chloroethoxy)methane
 Concen: 52.93 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion: 93 Resp: 54657
 Ion Ratio Lower Upper
 93 100
 95 31.2 24.2 36.2
 123 10.5 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

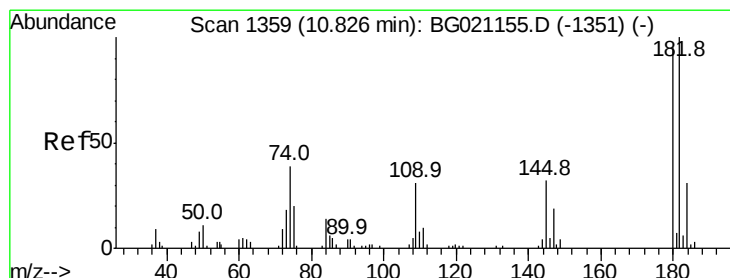
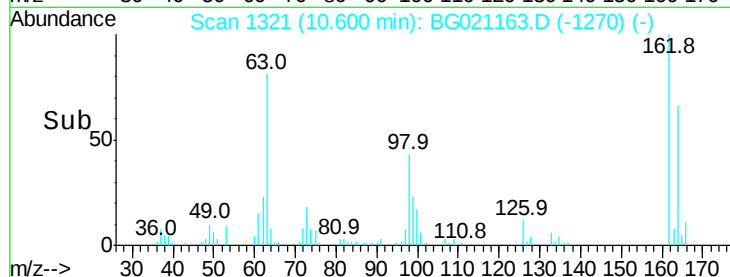
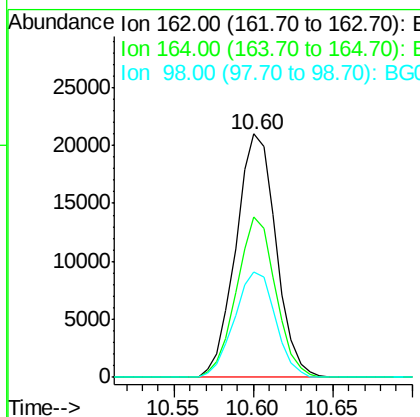
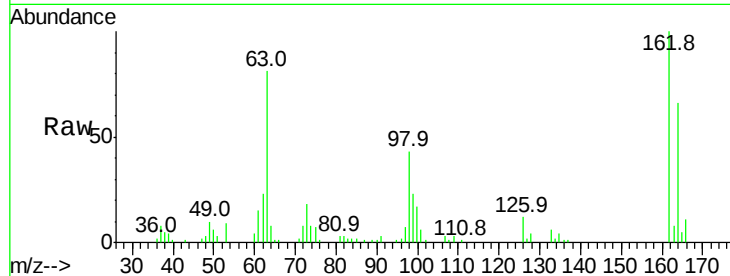




#29
 2,4-Dichlorophenol
 Concen: 55.97 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

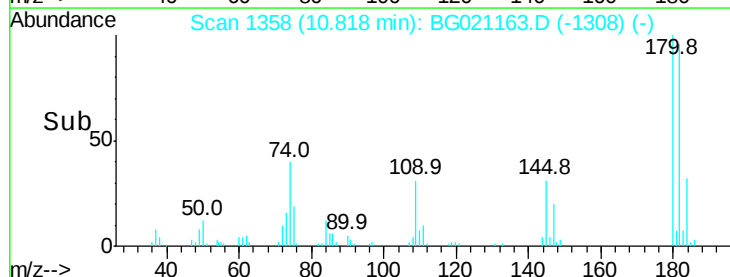
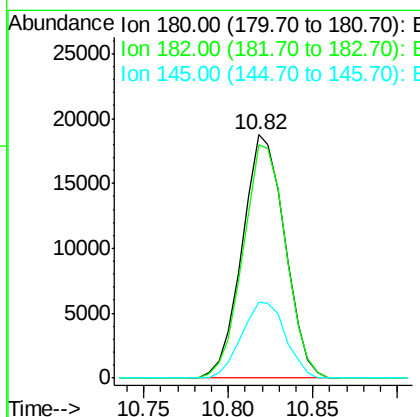
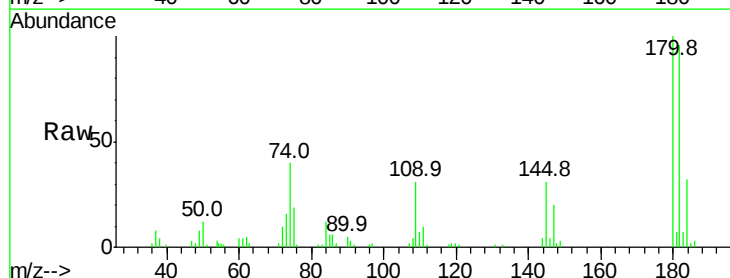
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

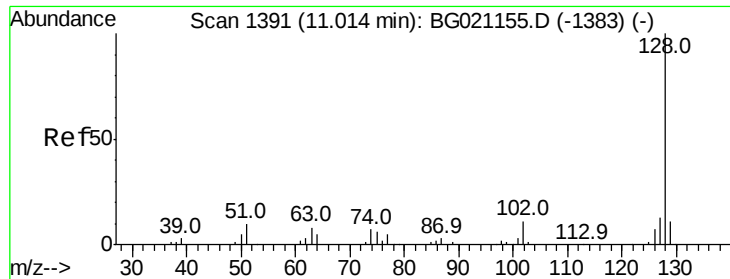
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.7	83.7
98	43.3	18.3	58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 49.45 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.4	116.0
145	31.3	25.7	38.5

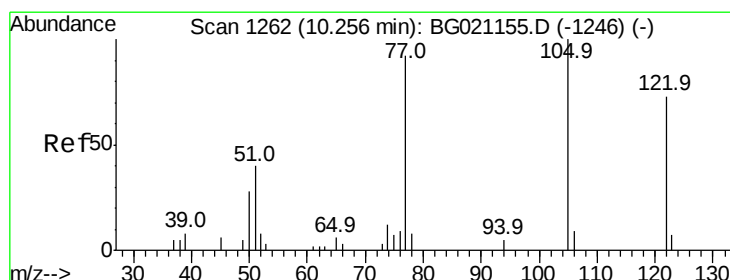
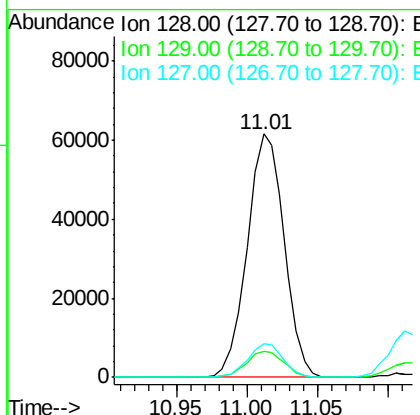
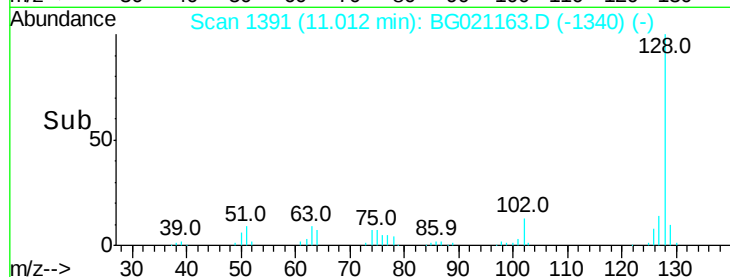
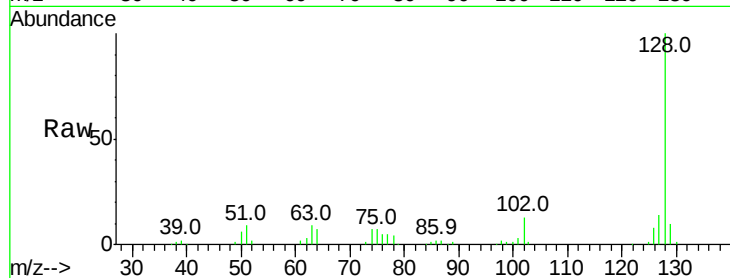




#31
Naphthalene
Concen: 49.87 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

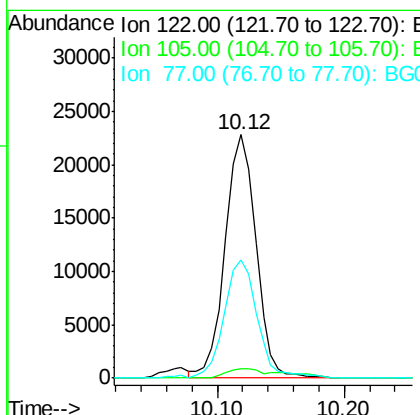
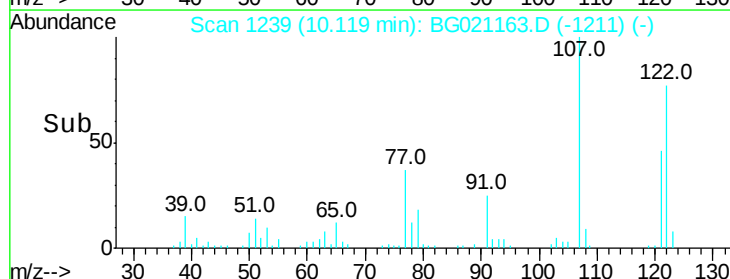
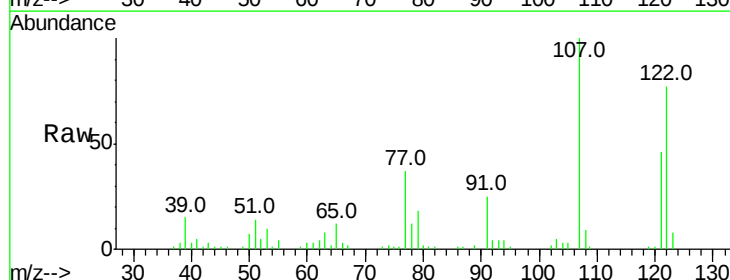
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

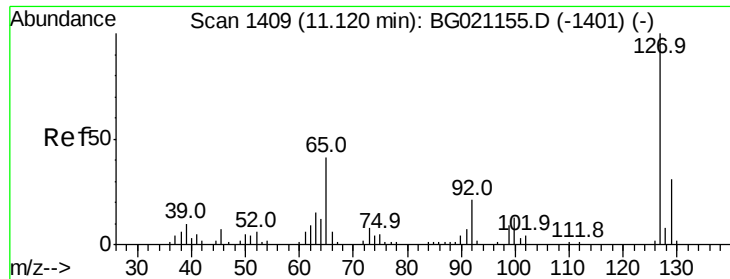
Tot Ion:128 Resp: 112903
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 60.53 ng
RT: 10.12 min Scan# 1239
Delta R.T. -0.14 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:122 Resp: 38663
Ion Ratio Lower Upper
122 100
105 3.8 98.7 138.7#
77 48.7 84.5 124.5#

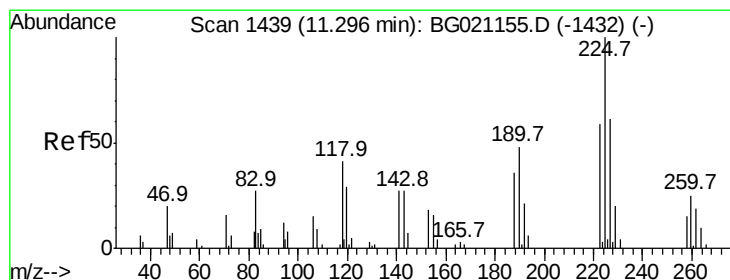
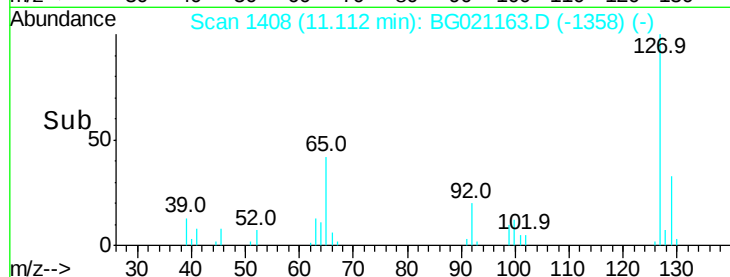
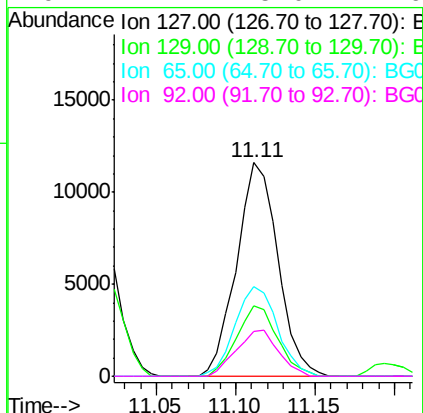
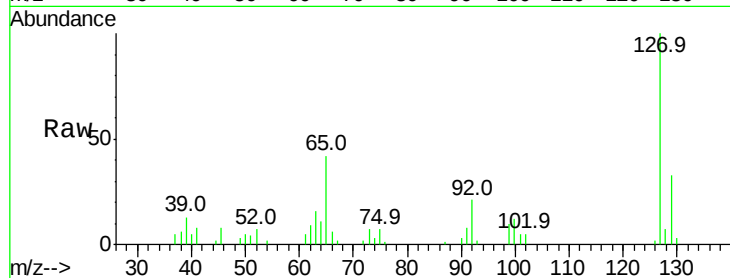




#33
4-Chloroaniline
Concen: 20.18 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

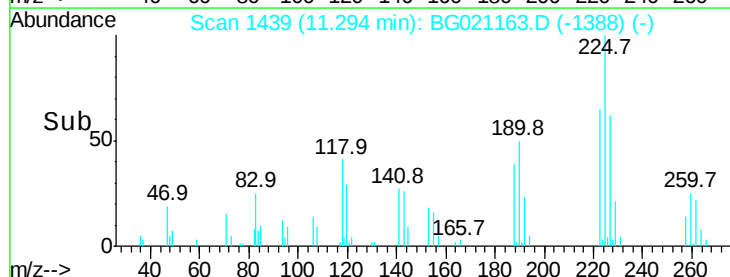
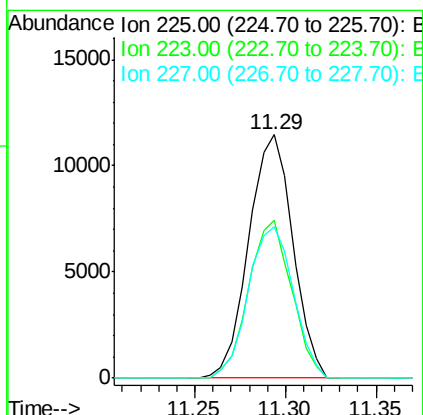
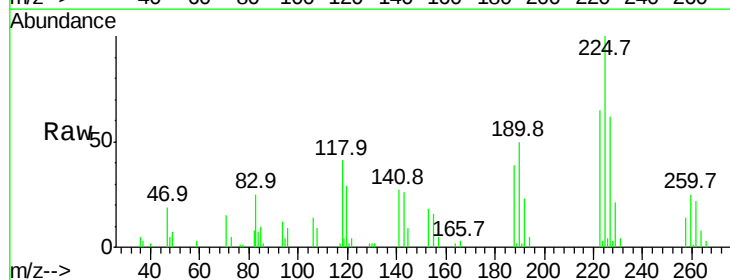
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

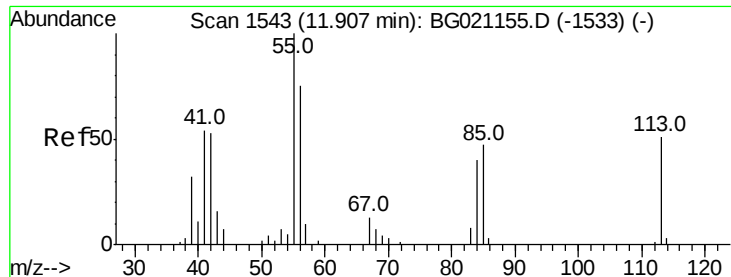
Tot Ion:	127	Resp:	21073
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	41.7	22.9	34.3
92	21.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 47.80 ng
RT: 11.29 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:	225	Resp:	19354
Ion	Ratio	Lower	Upper
225	100		
223	62.5	54.6	82.0
227	63.3	54.6	81.8





#35

Caprolactam

Concen: 33.38 ng

RT: 11.89 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

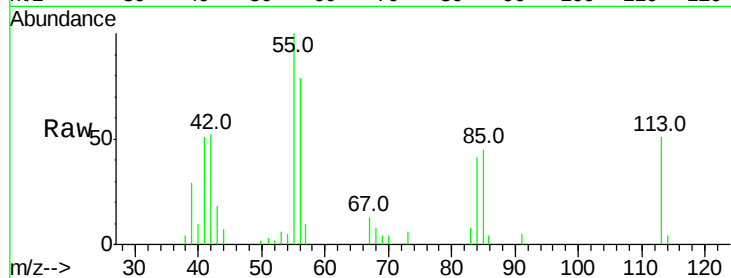
Tot Ion:113 Resp: 10731

Ion Ratio Lower Upper

113 100

55 197.0 155.2 195.2#

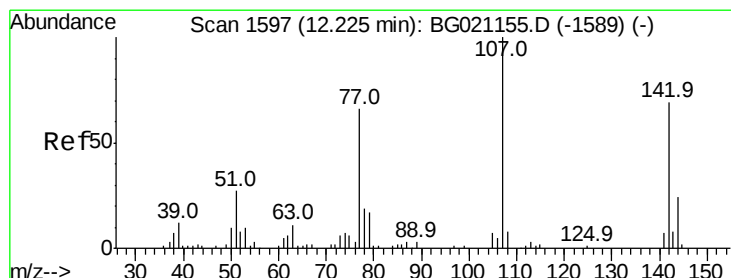
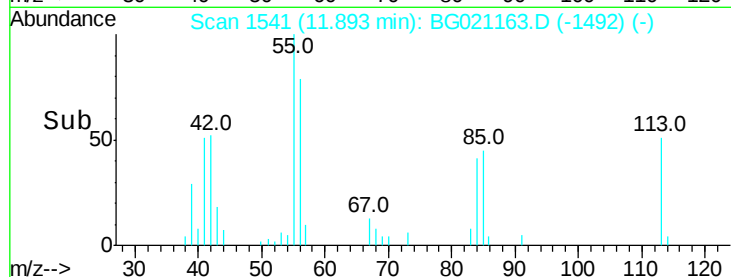
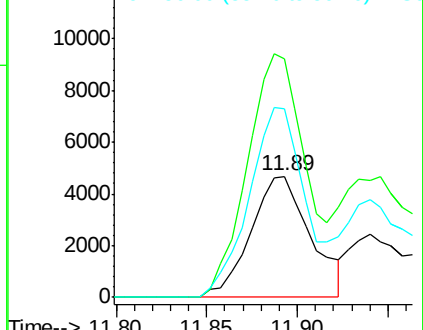
56 156.5 94.0 134.0#



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: 54.90 ng

RT: 12.22 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

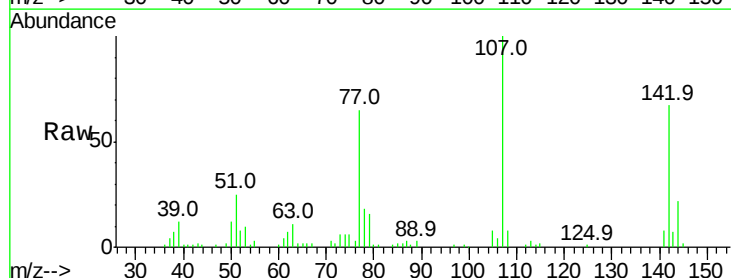
Tgt Ion:107 Resp: 54916

Ion Ratio Lower Upper

107 100

144 21.7 21.8 32.8#

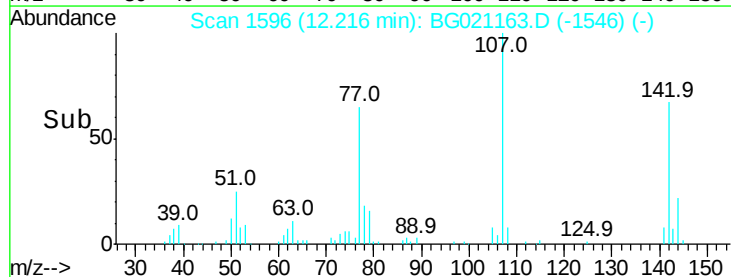
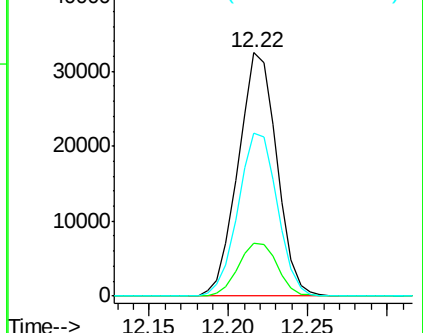
142 66.7 65.6 98.4

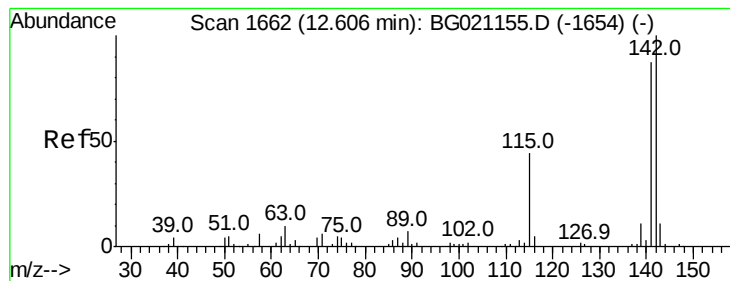


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.09 ng

RT: 12.60 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

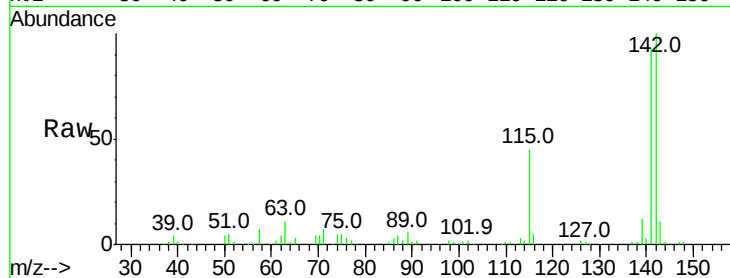
Tot Ion:142 Resp: 83973

Ion Ratio Lower Upper

142 100

141 92.8 71.7 107.5

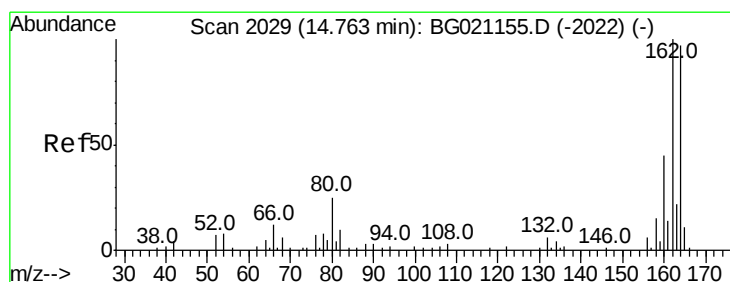
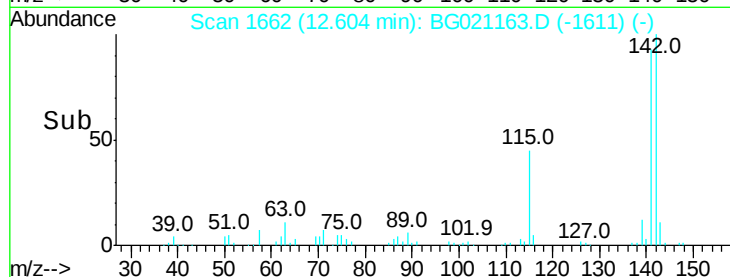
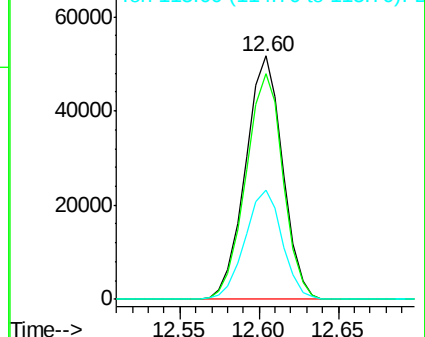
115 44.9 26.2 39.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

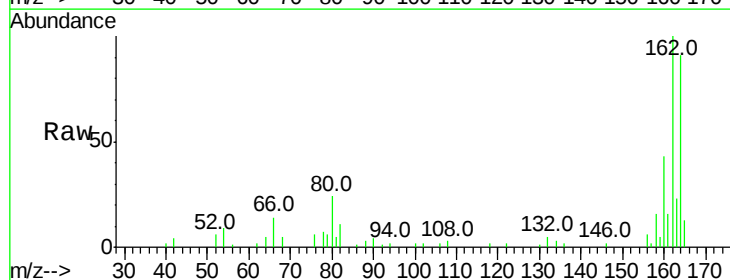
Tgt Ion:164 Resp: 28580

Ion Ratio Lower Upper

164 100

162 110.4 80.6 120.8

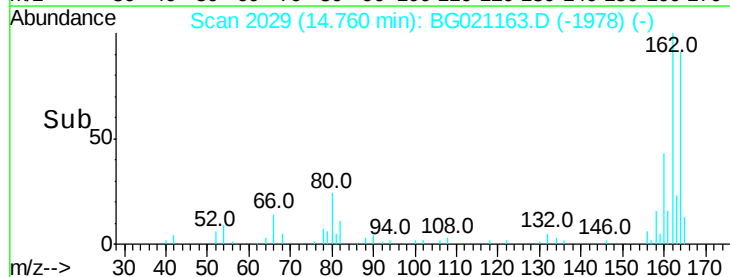
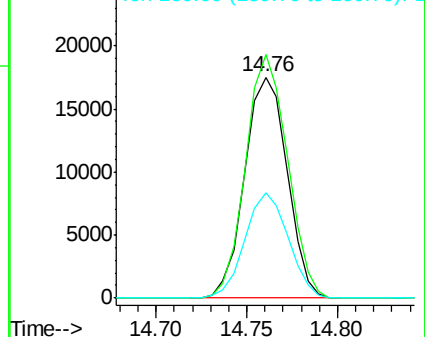
160 47.5 36.5 54.7

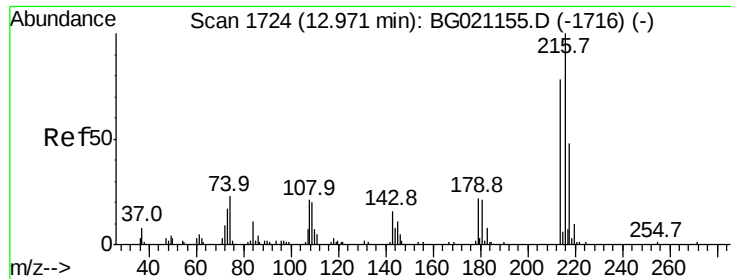


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

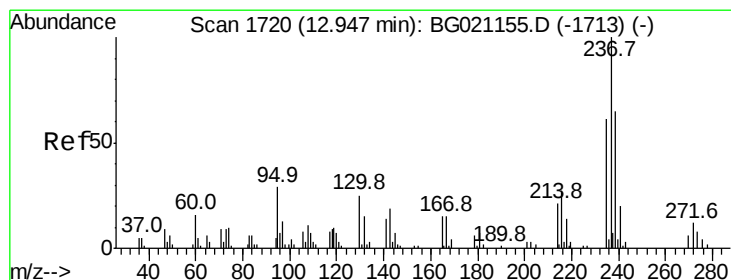
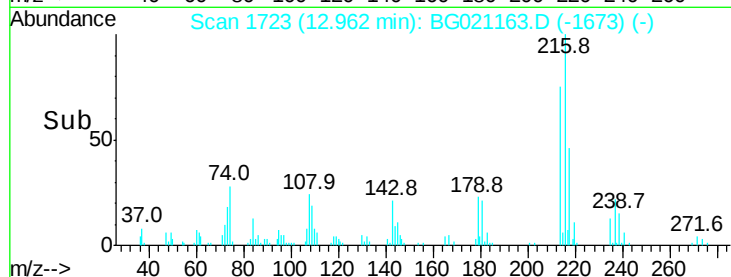
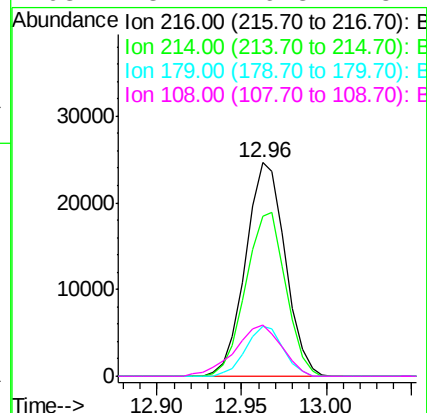
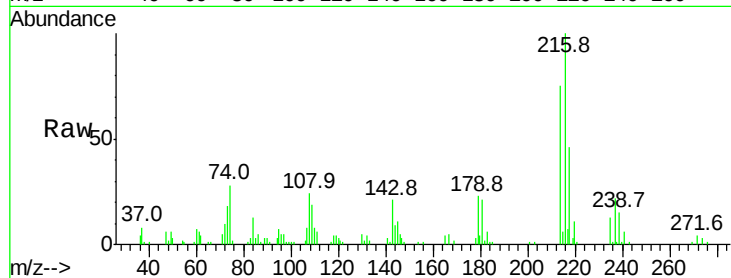




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.67 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

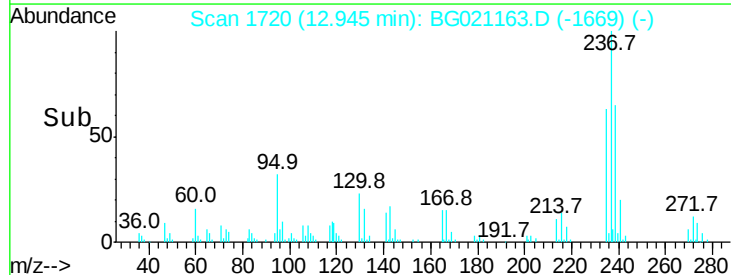
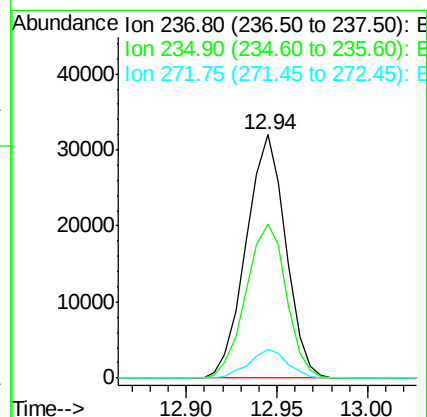
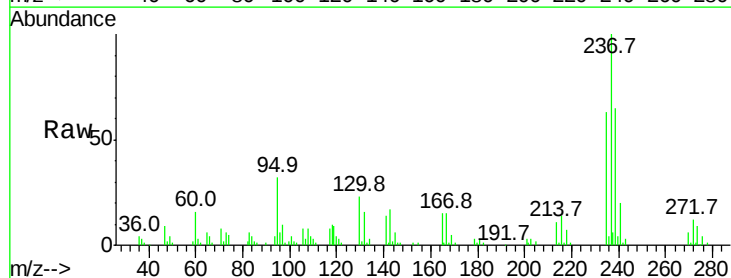
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

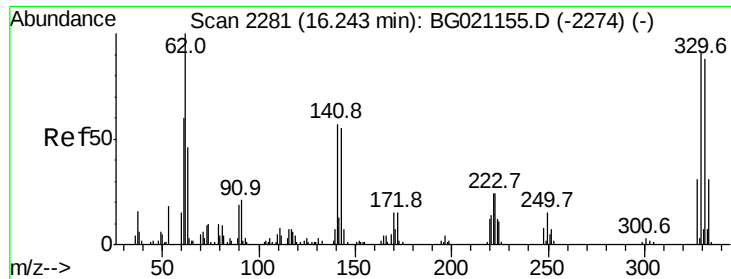
Tot Ion:	216	Resp:	40053
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.5	95.3
179	22.2	17.4	26.0
108	28.4	16.8	25.2#



#40
 Hexachlorocyclopentadiene
 Concen: 103.01 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:	237	Resp:	48478
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.9	82.9
272	11.8	0.0	32.3

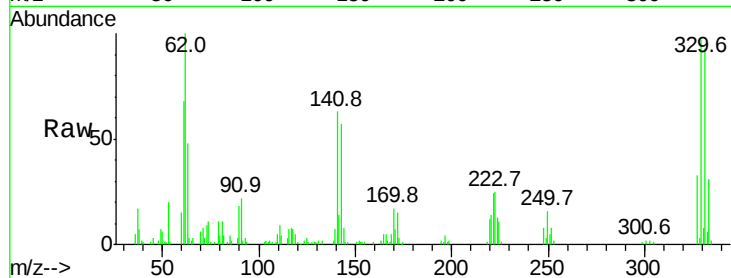




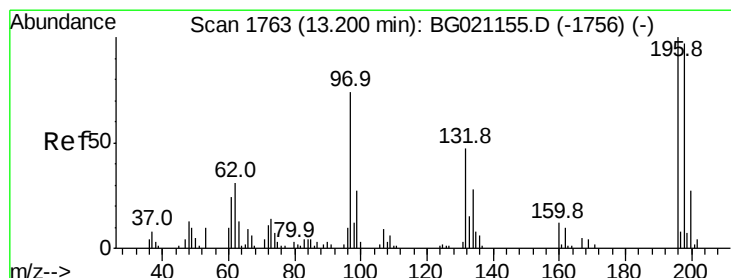
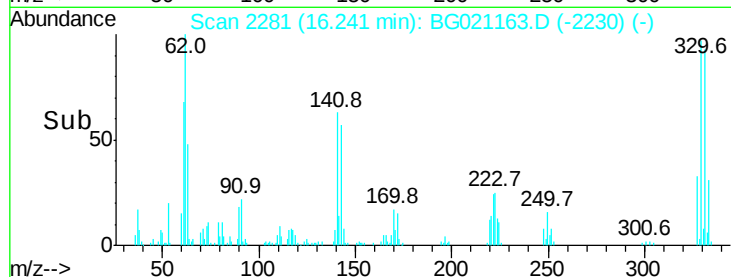
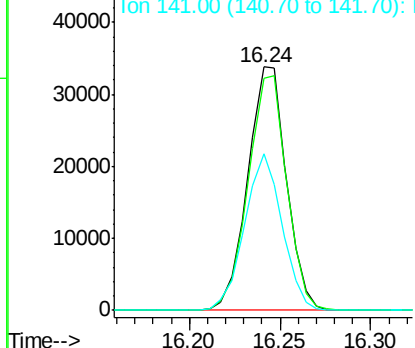
#41
 2,4,6-Tribromophenol
 Concen: 168.39 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion:330 Resp: 50073
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 62.5 35.3 52.9#

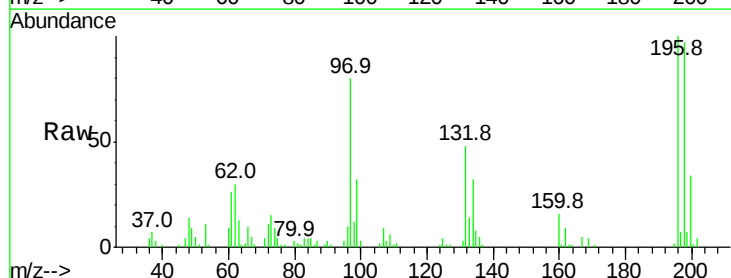


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

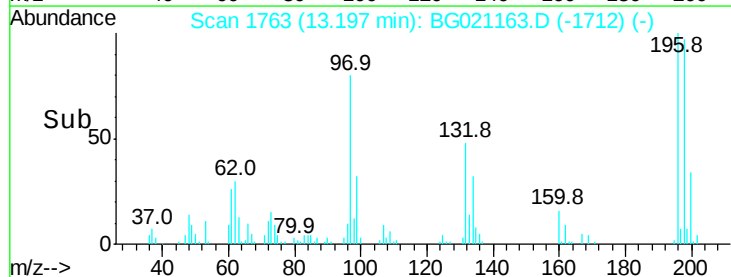
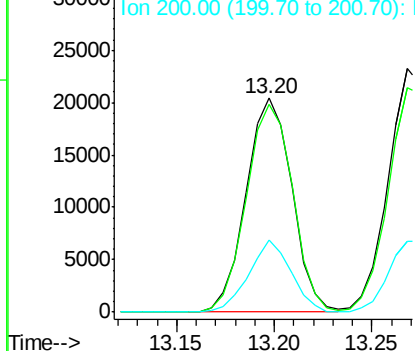


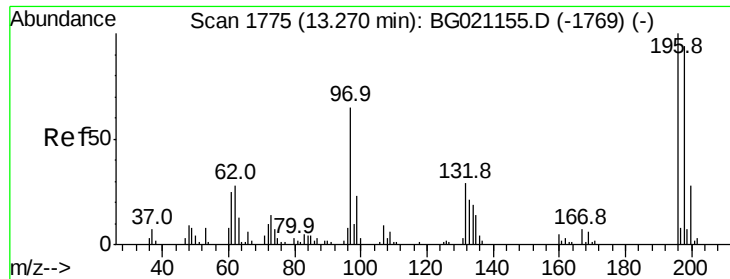
#42
 2,4,6-Trichlorophenol
 Concen: 51.41 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:196 Resp: 33139
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.8 113.8
 200 35.1 23.8 35.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

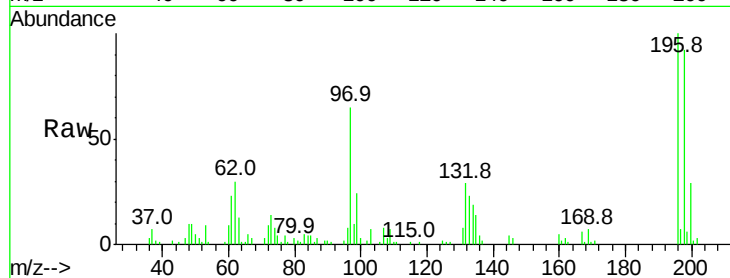




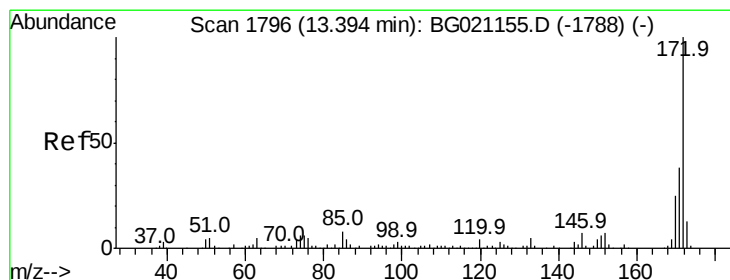
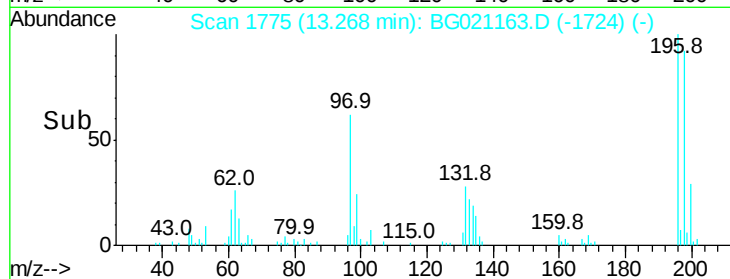
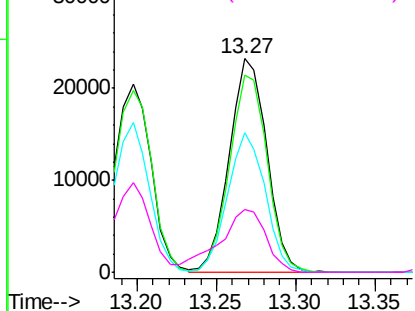
#43
2,4,5-Trichlorophenol
Concen: 55.35 ng
RT: 13.27 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion:196 Resp: 38154
Ion Ratio Lower Upper
196 100
198 92.4 80.2 120.4
97 65.3 42.9 64.3#
132 29.2 25.5 38.3



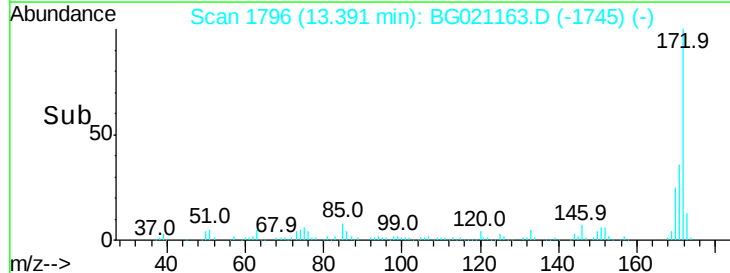
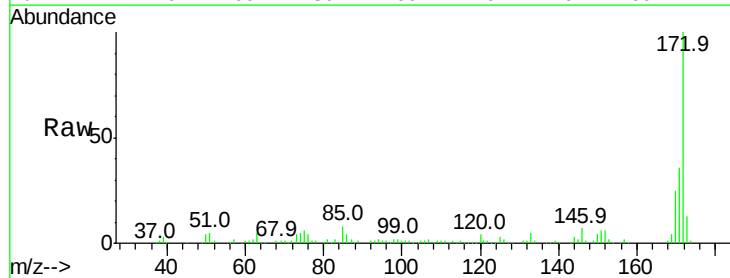
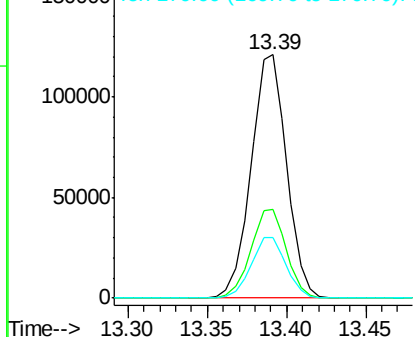
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

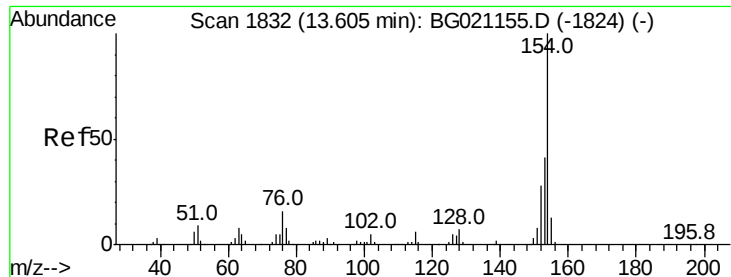


#44
2-Fluorobiphenyl
Concen: 93.22 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:172 Resp: 187631
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.1 19.8 29.8

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





#45

1,1'-Biphenyl

Concen: 47.84 ng

RT: 13.60 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

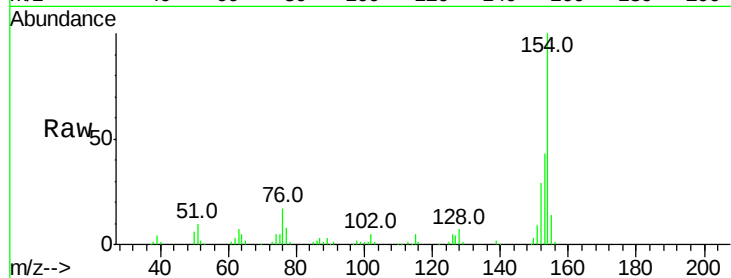
Tot Ion:154 Resp: 112455

Ion Ratio Lower Upper

154 100

153 42.9 19.8 59.8

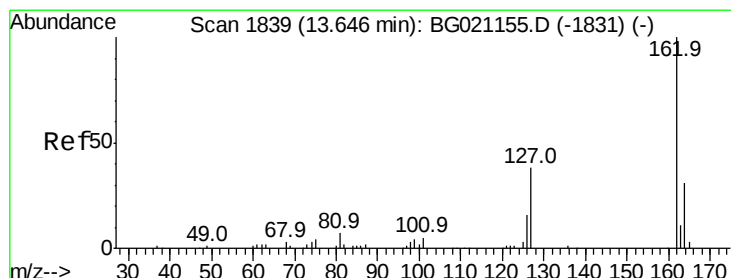
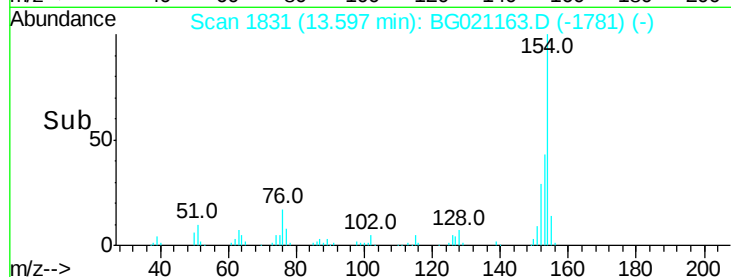
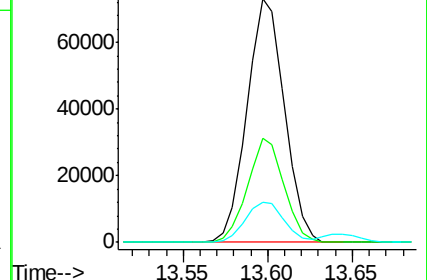
76 16.6 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 49.73 ng

RT: 13.64 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

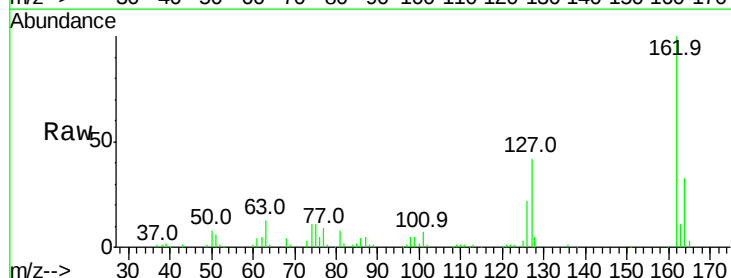
Tgt Ion:162 Resp: 87738

Ion Ratio Lower Upper

162 100

127 42.1 31.8 47.8

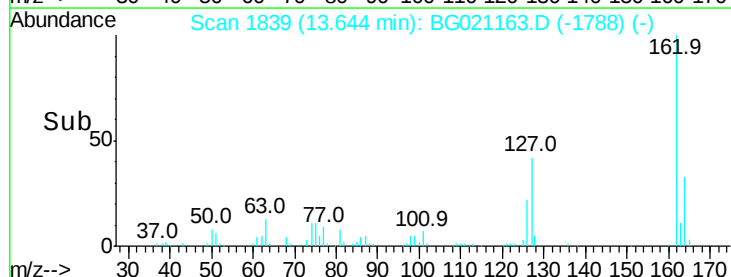
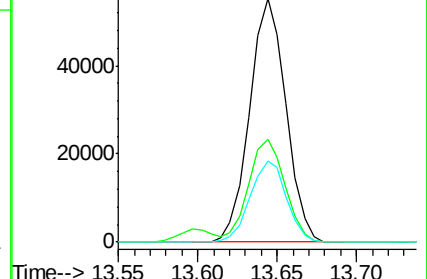
164 33.5 26.3 39.5

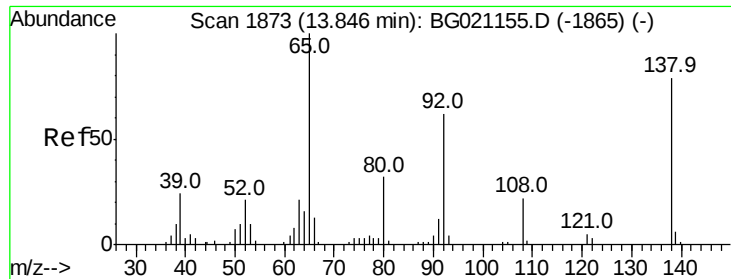


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

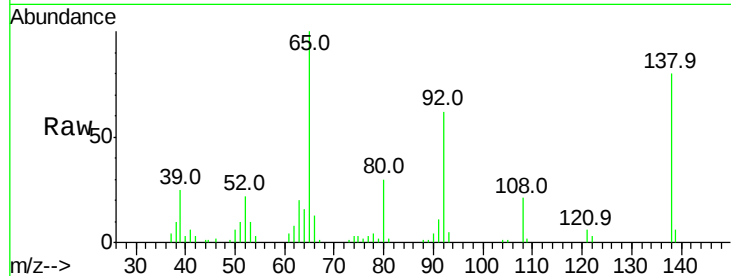




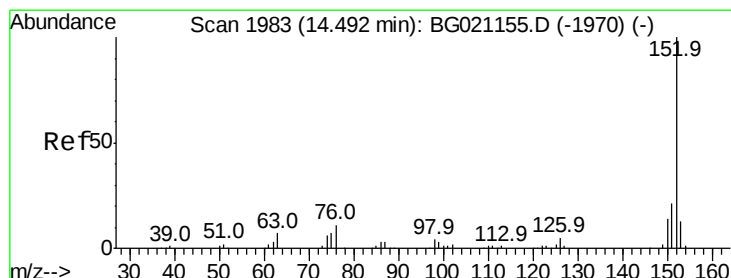
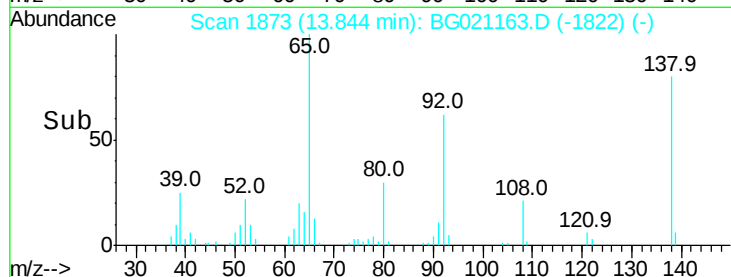
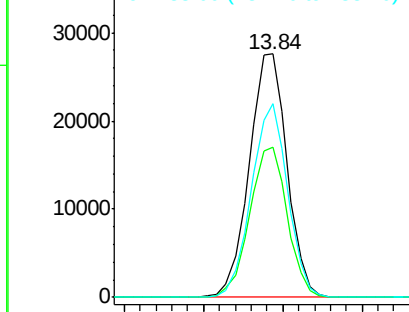
#47
2-Nitroaniline
Concen: 53.29 ng
RT: 13.84 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion: 65 Resp: 45822
Ion Ratio Lower Upper
65 100
92 61.6 54.6 82.0
138 79.7 94.9 142.3#

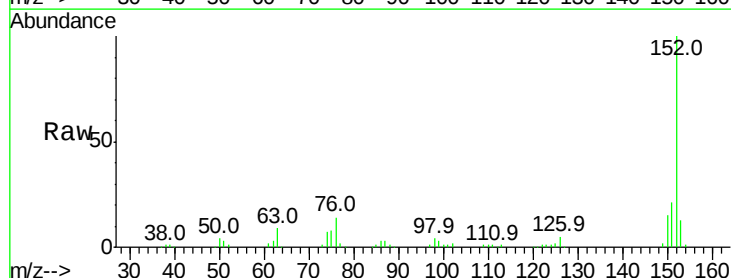


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

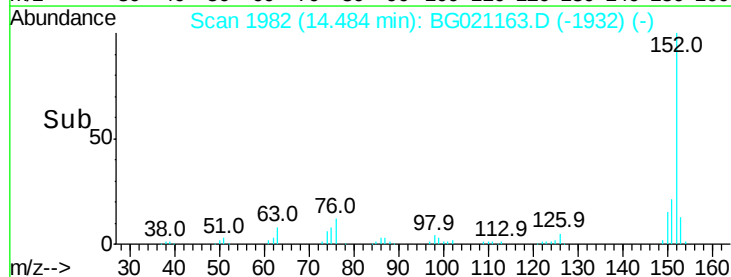
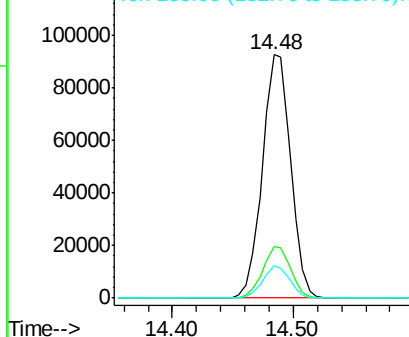


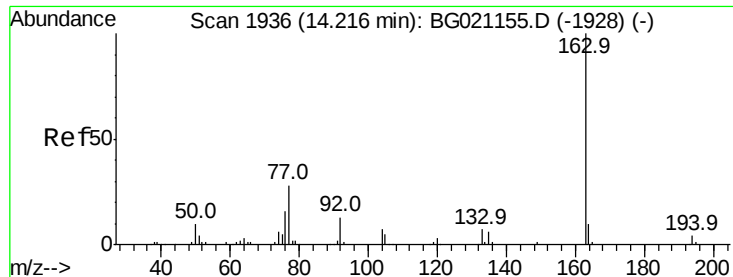
#48
Acenaphthylene
Concen: 50.11 ng
RT: 14.48 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion: 152 Resp: 149679
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 13.4 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 67.78 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

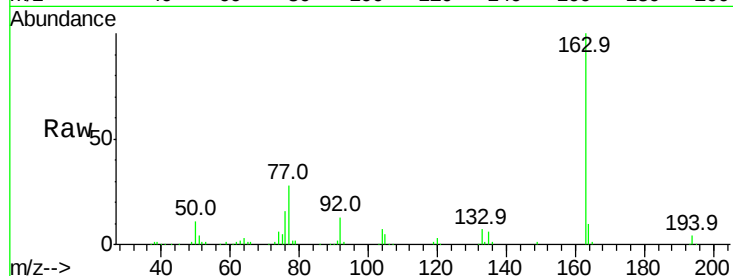
Tot Ion:163 Resp: 172639

Ion Ratio Lower Upper

163 100

194 4.4 2.8 4.2#

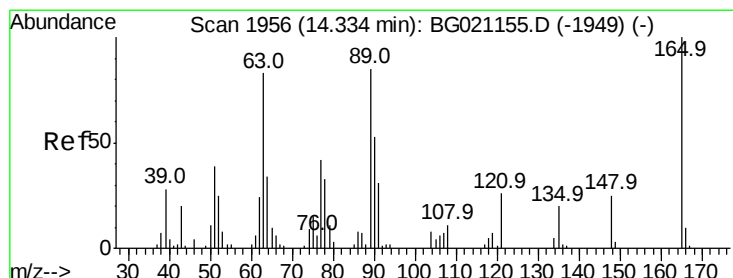
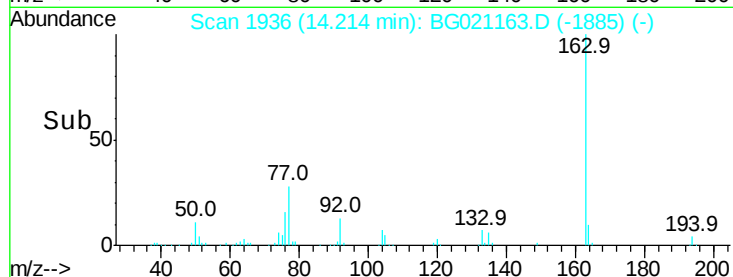
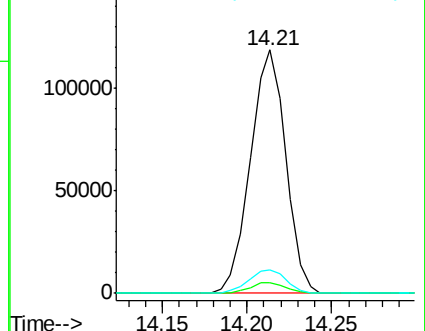
164 9.7 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.64 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

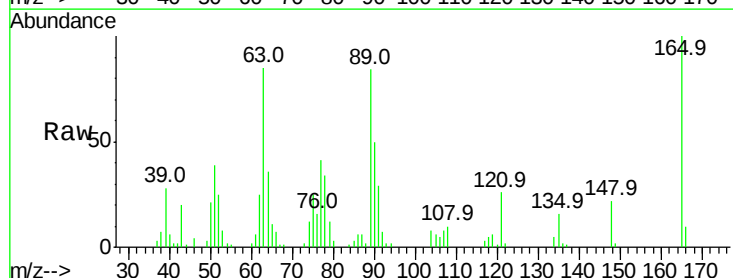
Tgt Ion:165 Resp: 28585

Ion Ratio Lower Upper

165 100

63 85.0 42.1 63.1#

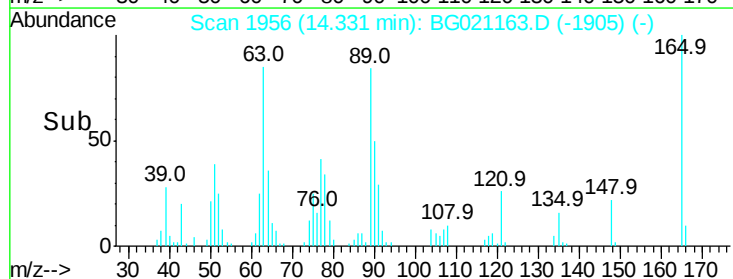
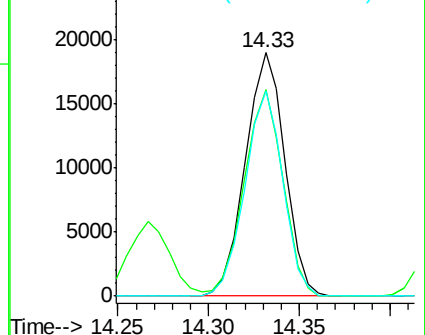
89 84.4 46.1 69.1#

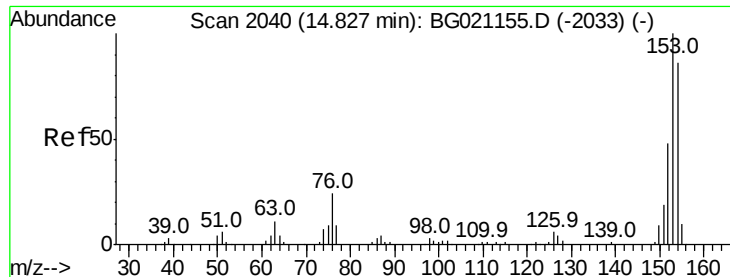


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.62 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

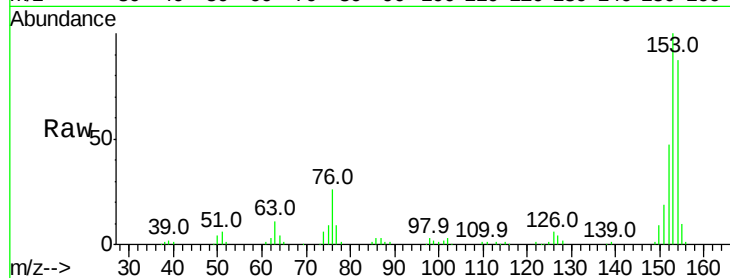
Tot Ion:154 Resp: 95999

Ion	Ratio	Lower	Upper
154	100		
153	115.4	94.2	141.2
152	54.3	42.9	64.3

154 100

153 115.4 94.2 141.2

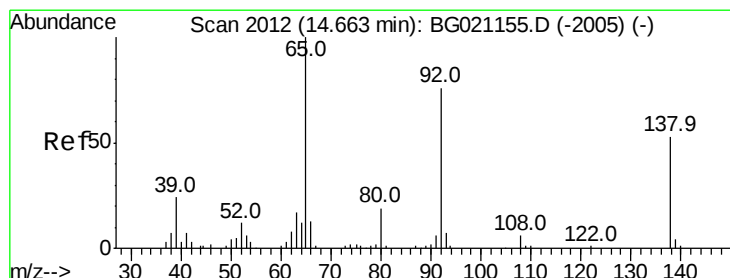
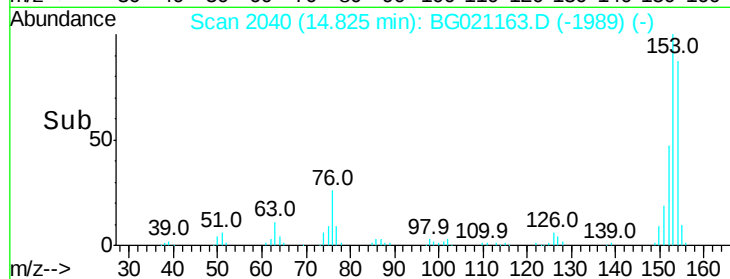
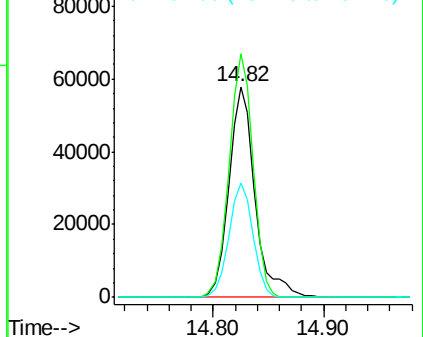
152 54.3 42.9 64.3



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: 33.49 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

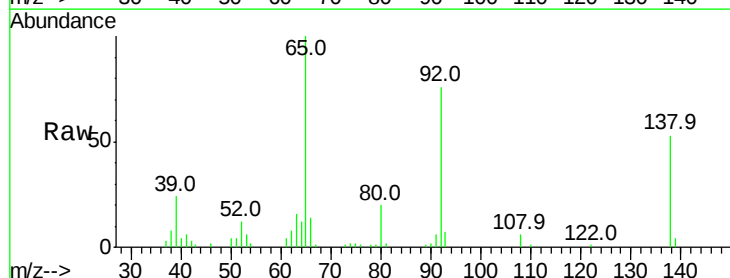
Tgt Ion:138 Resp: 19801

Ion	Ratio	Lower	Upper
138	100		
108	11.9	5.8	8.6#
92	142.1	83.6	125.4#

138 100

108 11.9 5.8 8.6#

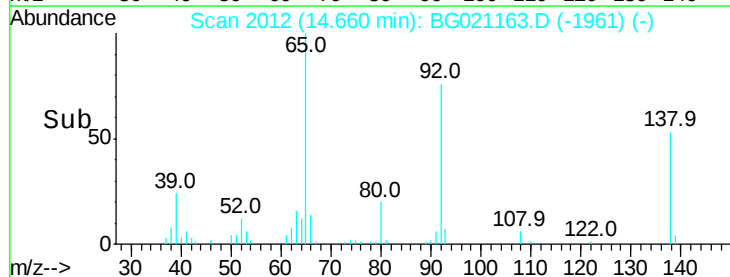
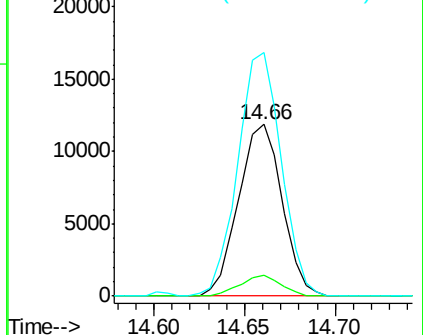
92 142.1 83.6 125.4#

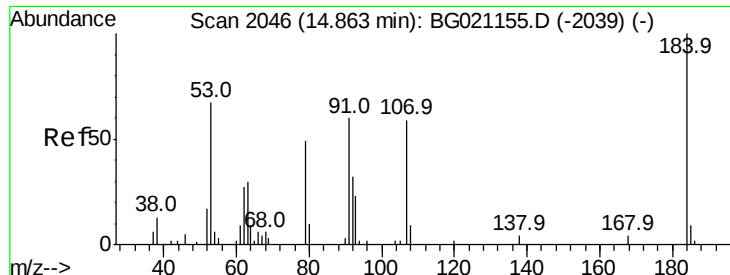


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

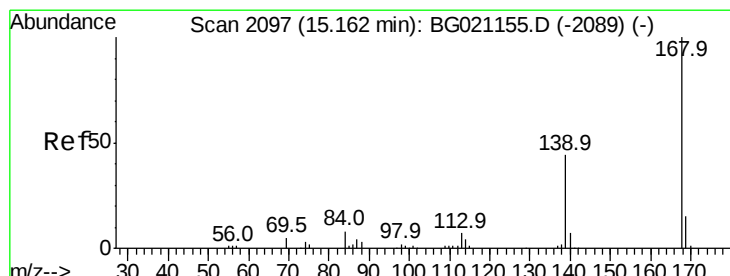
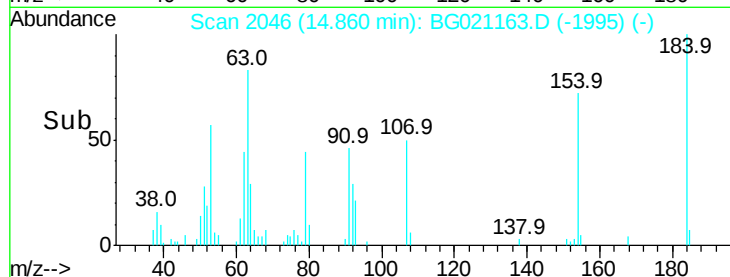
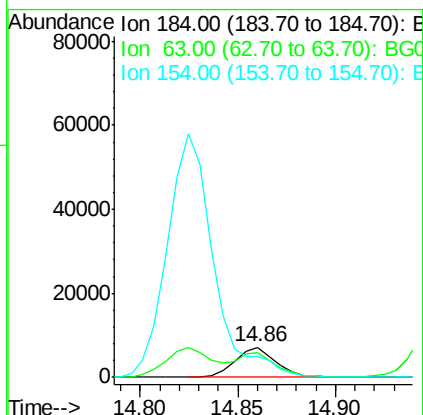
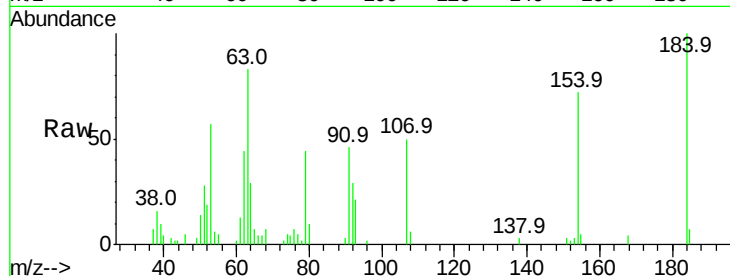




#53
 2,4-Dinitrophenol
 Concen: 37.78 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

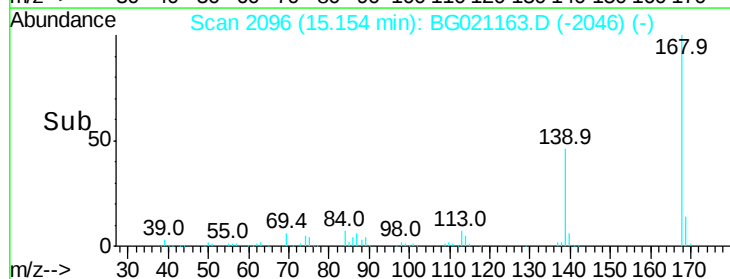
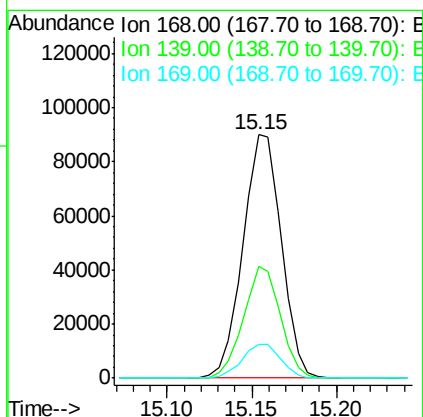
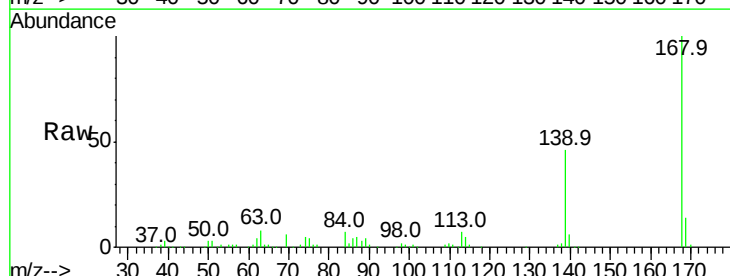
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

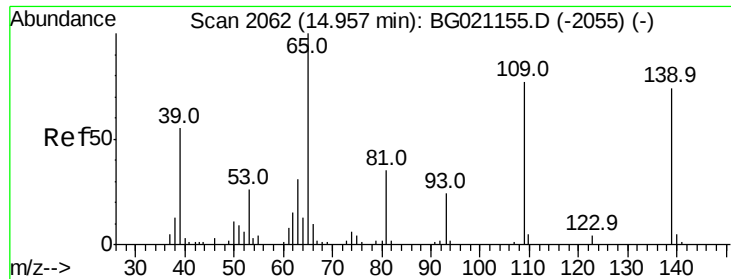
Tot Ion:184 Resp: 10204
 Ion Ratio Lower Upper
 184 100
 63 82.6 57.0 85.6
 154 71.5 51.3 76.9



#54
 Dibenzofuran
 Concen: 56.19 ng
 RT: 15.15 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:168 Resp: 142281
 Ion Ratio Lower Upper
 168 100
 139 45.7 29.8 44.8#
 169 13.8 11.4 17.2





#55

4-Nitrophenol

Concen: 107.04 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

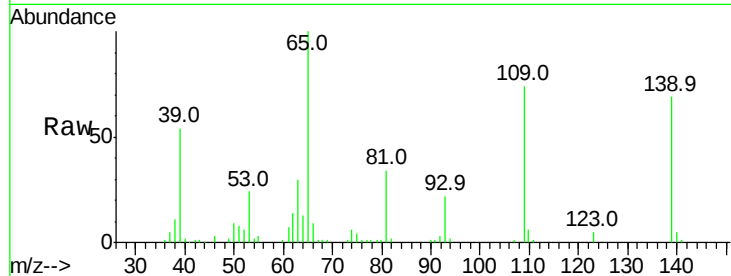
Tot Ion:139 Resp: 52490

Ion Ratio Lower Upper

139 100

109 107.8 54.1 94.1#

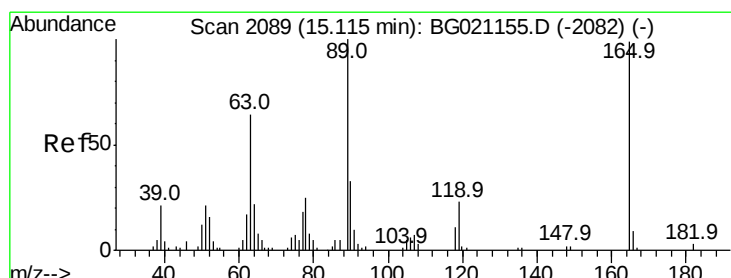
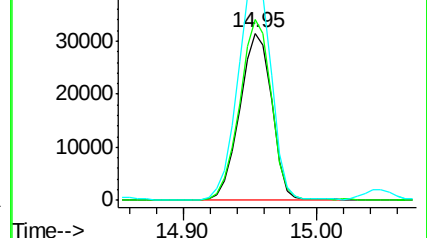
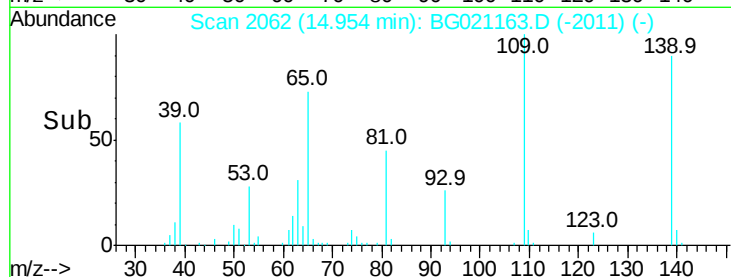
65 145.4 73.4 113.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 54.28 ng

RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:165 Resp: 41667

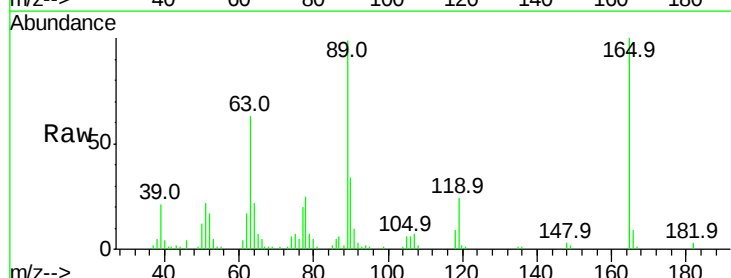
Ion Ratio Lower Upper

165 100

63 63.1 34.1 51.1#

89 98.7 63.0 94.4#

182 3.0 1.4 2.2#

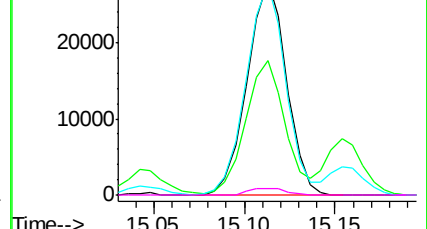
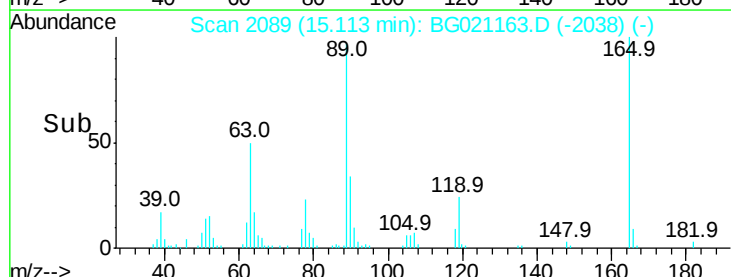


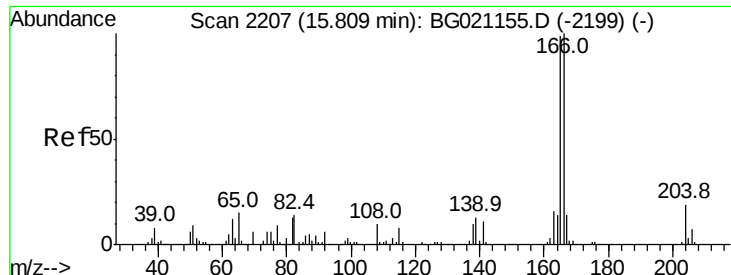
Abundance Ion 165.00 (164.70 to 165.70): E

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

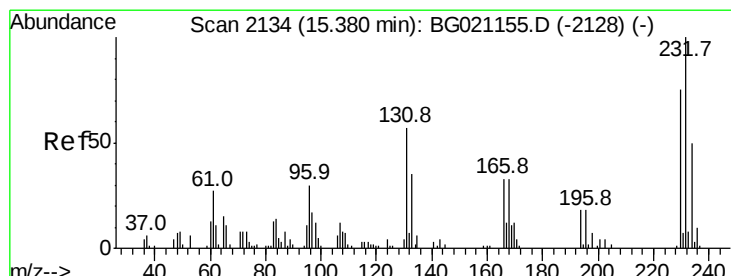
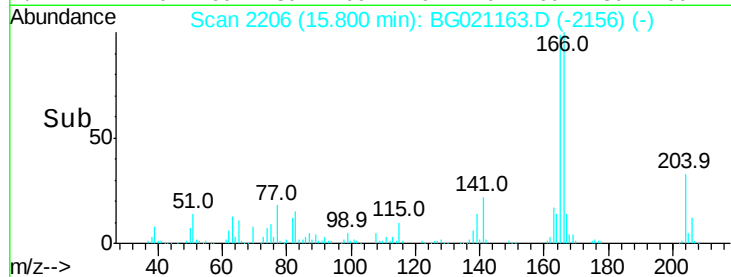
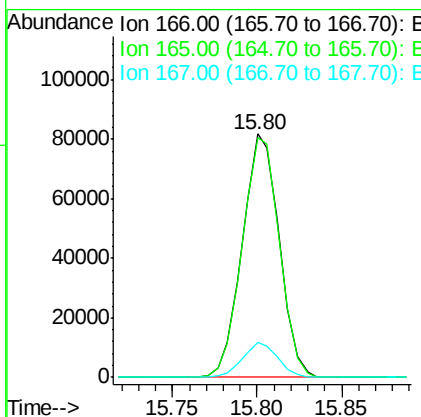
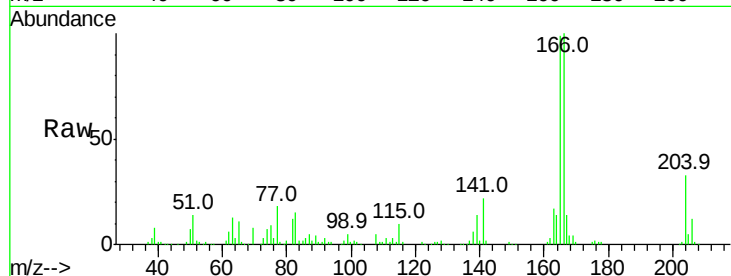




#57
Fluorene
 Concen: 51.28 ng
 RT: 15.80 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

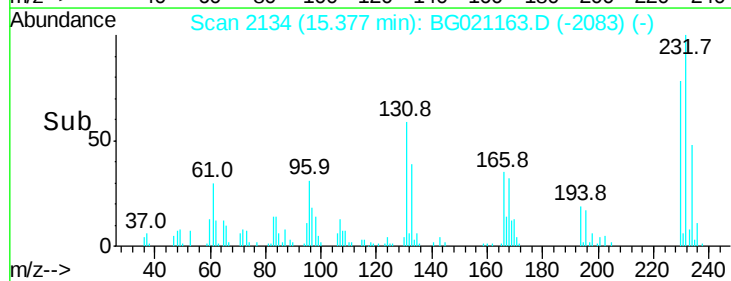
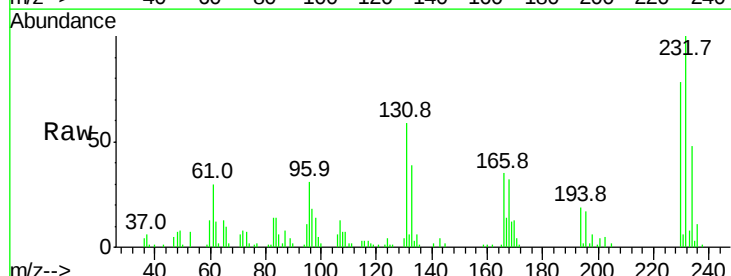
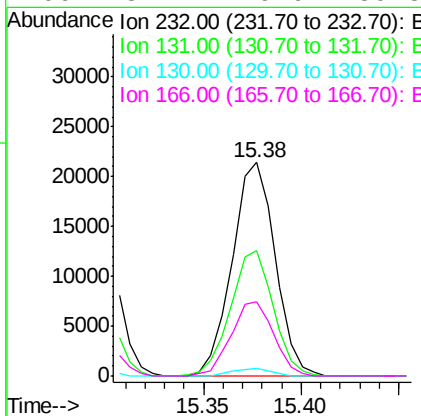
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

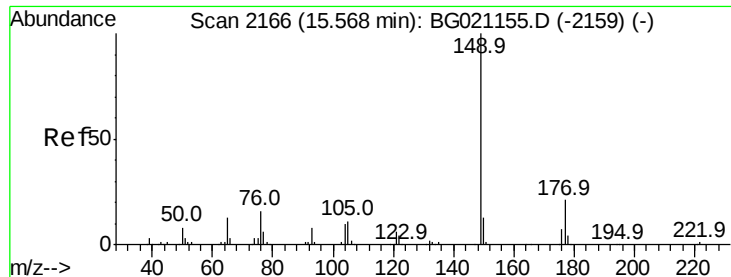
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.3	121.9
167	14.2	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 59.19 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.5	41.4	62.2
130	3.3	1.8	2.8#
166	34.4	26.6	39.8

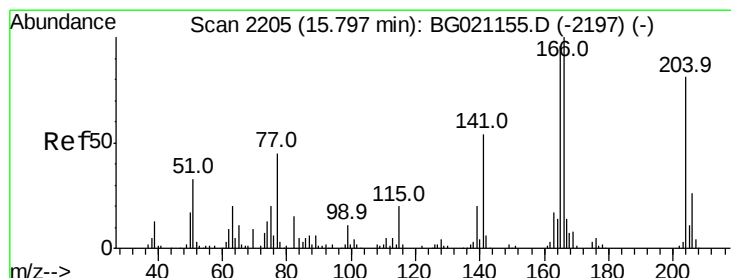
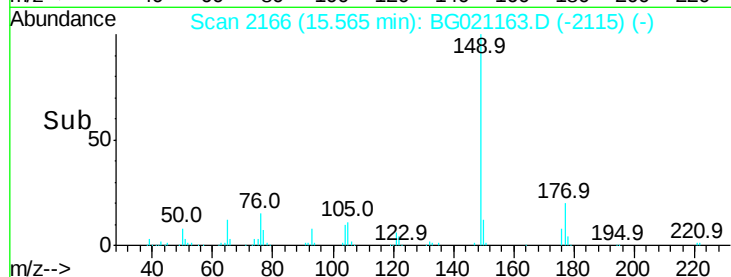
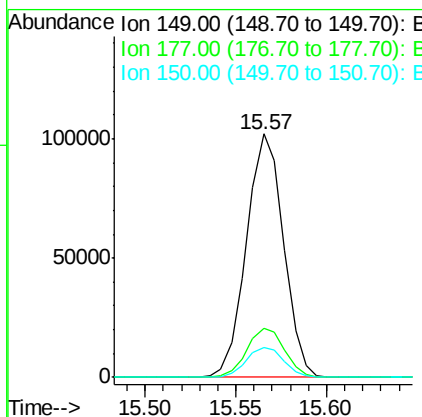
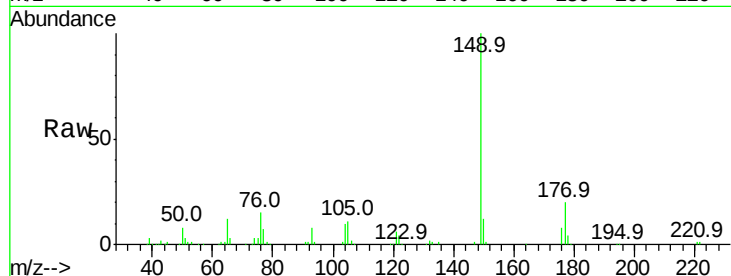




#59
Diethylphthalate
Concen: 51.45 ng
RT: 15.57 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

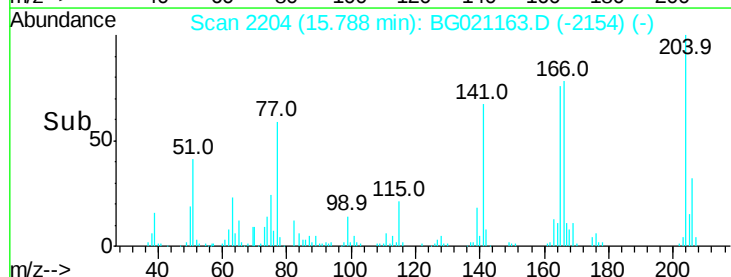
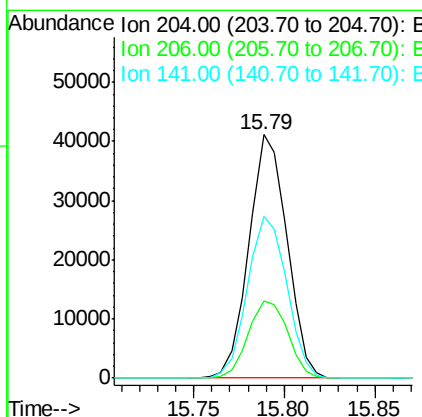
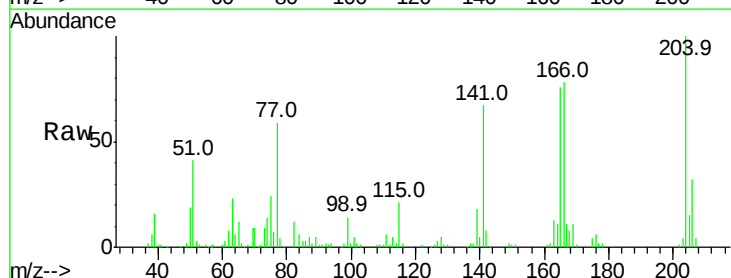
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

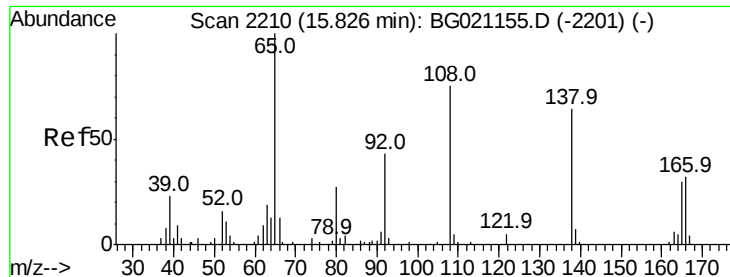
Tot Ion:149 Resp: 144852
Ion Ratio Lower Upper
149 100
177 20.0 15.8 23.8
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.81 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:204 Resp: 60005
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 66.6 50.8 76.2

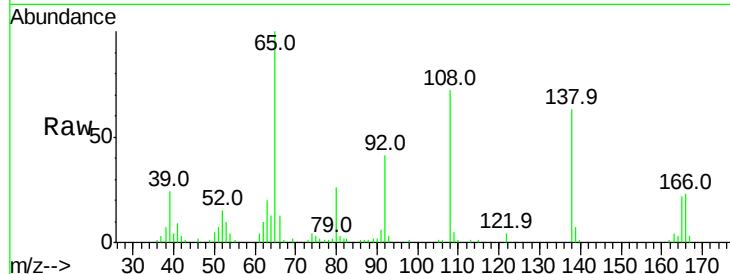




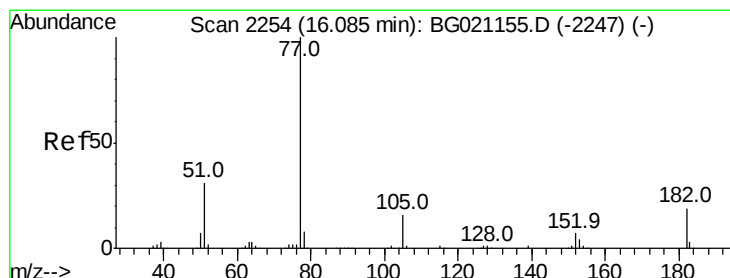
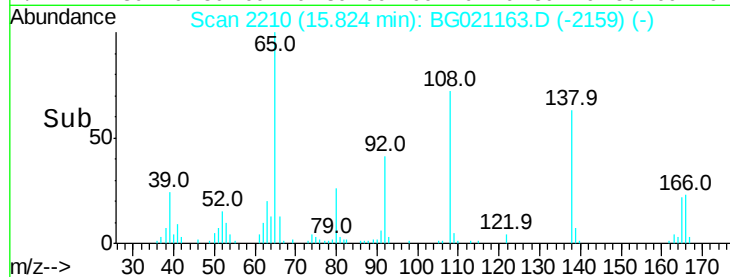
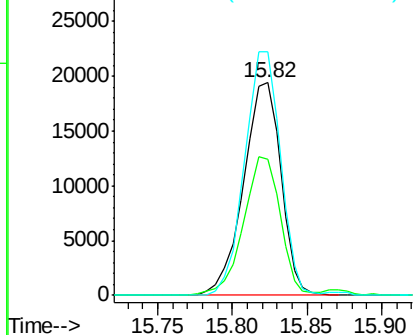
#61
4-Nitroaniline
Concen: 53.48 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion:138 Resp: 33771
Ion Ratio Lower Upper
138 100
92 64.1 28.0 68.0
108 114.4 52.6 92.6#

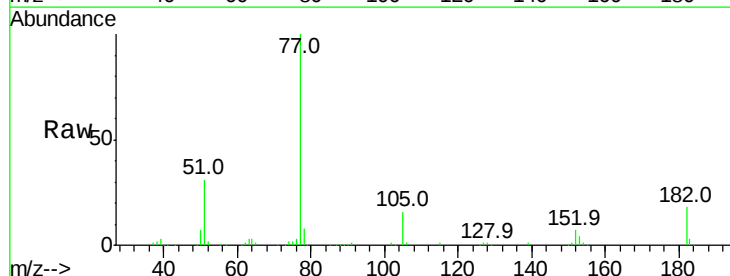


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

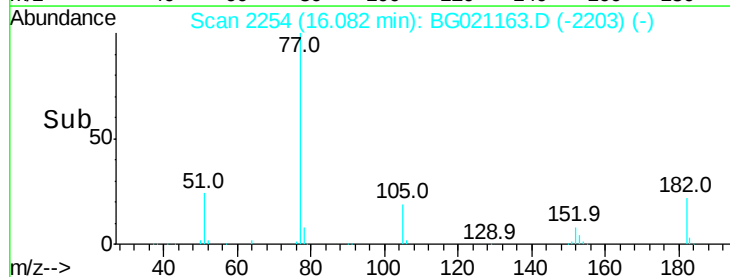
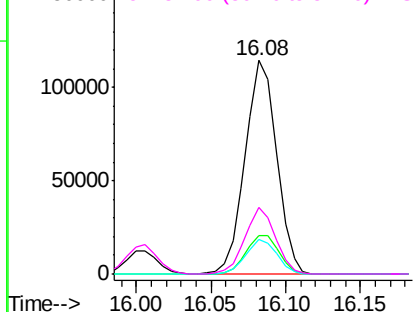


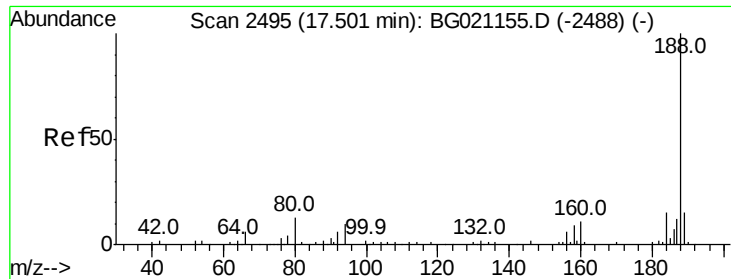
#62
Azobenzene
Concen: 55.33 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion: 77 Resp: 167312
Ion Ratio Lower Upper
77 100
182 18.1 0.7 40.7
105 15.9 0.0 38.3
51 31.2 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: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

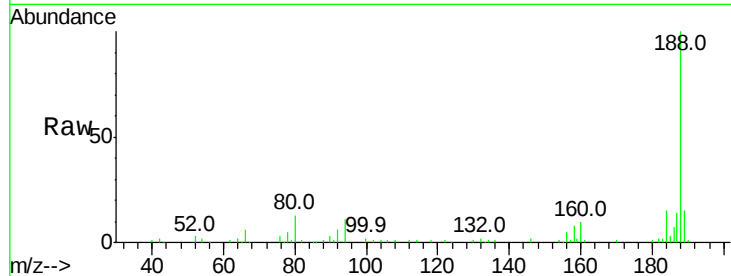
Tot Ion:188 Resp: 70140

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.4

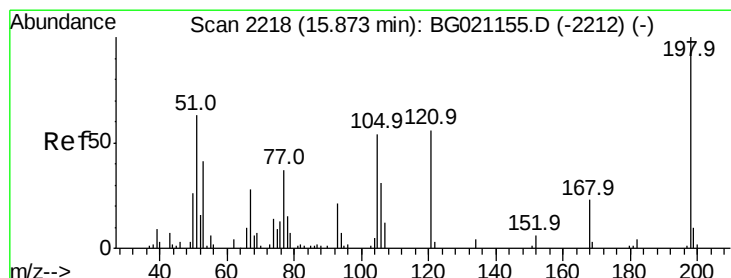
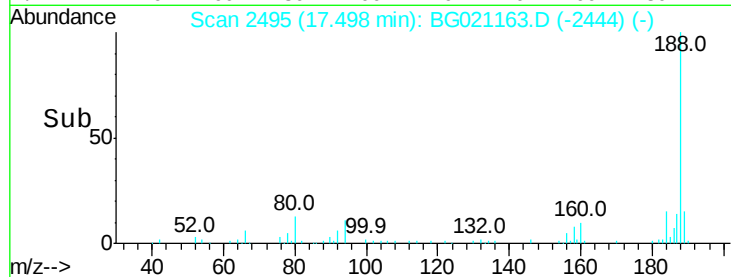
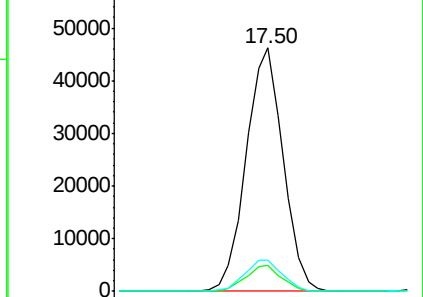
80 12.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 44.05 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

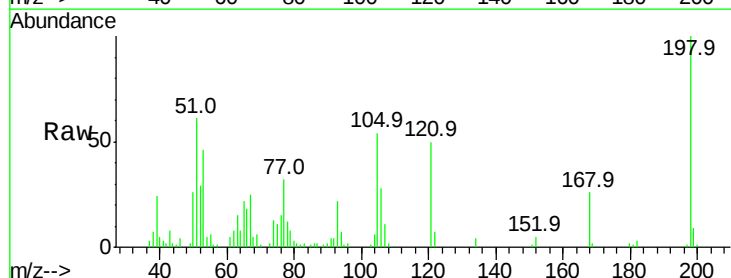
Tgt Ion:198 Resp: 21196

Ion Ratio Lower Upper

198 100

51 60.8 30.4 70.4

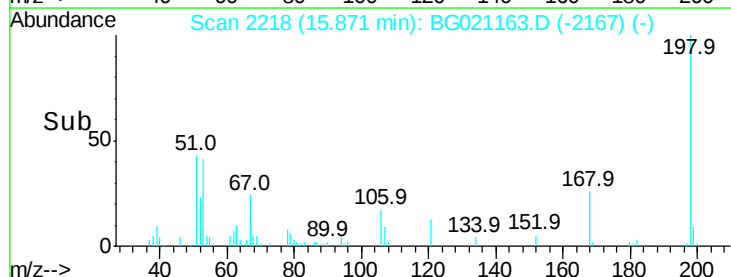
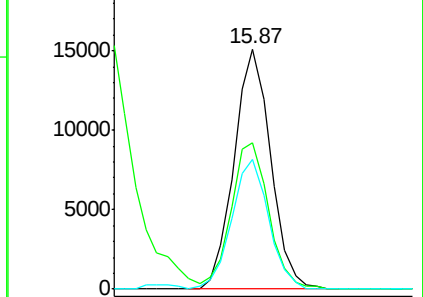
105 54.2 32.8 72.8

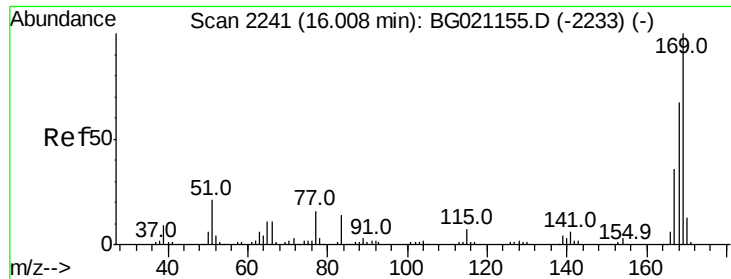


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

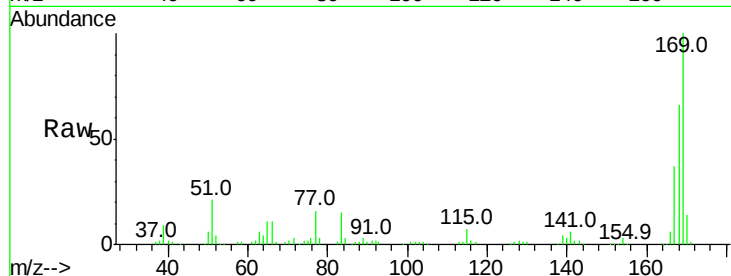




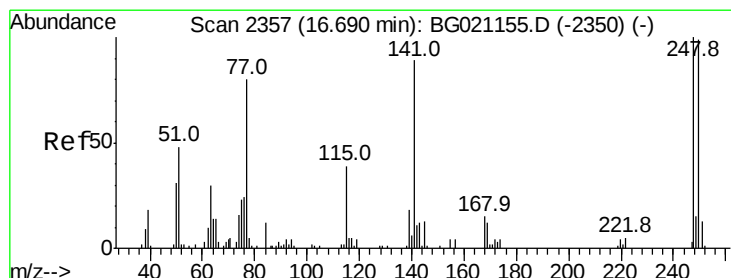
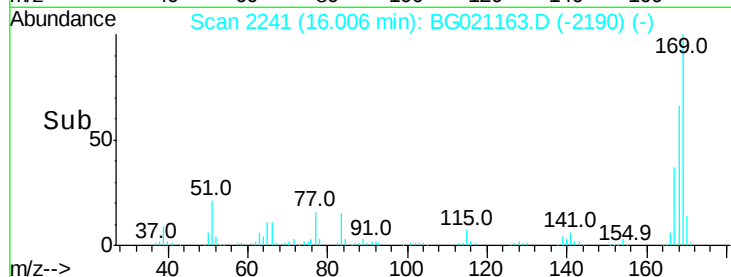
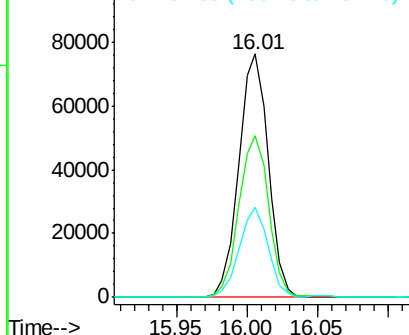
#65
 n-Nitrosodiphenylamine
 Concen: 51.48 ng
 RT: 16.01 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion:169 Resp: 111028
 Ion Ratio Lower Upper
 169 100
 168 66.2 58.2 87.2
 167 36.8 31.0 46.6

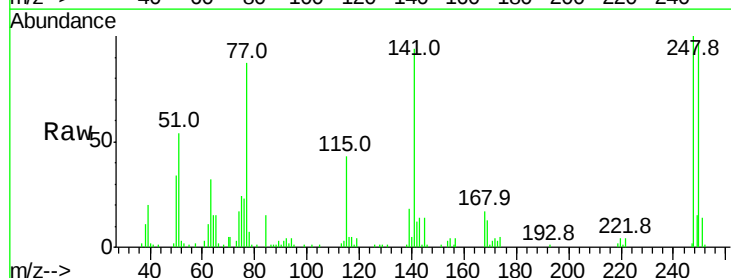


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

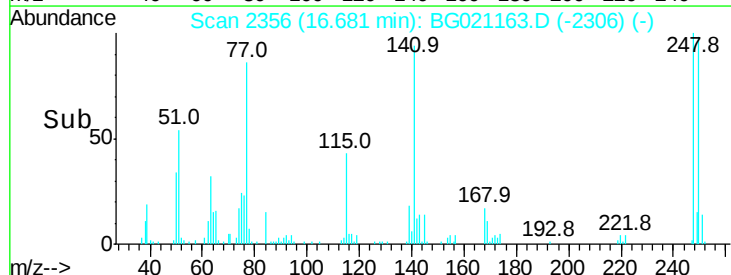
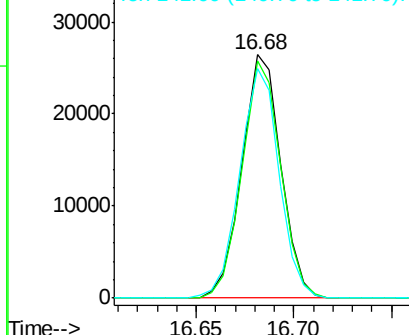


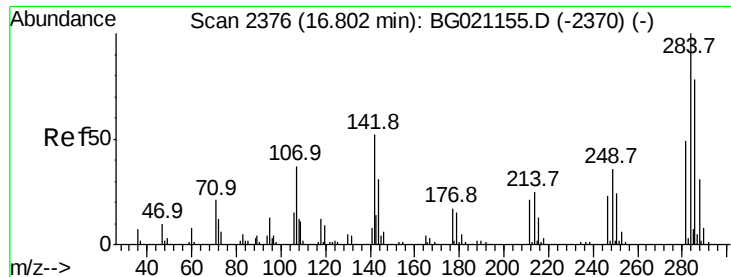
#66
 4-Bromophenyl-phenylether
 Concen: 49.90 ng
 RT: 16.68 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:248 Resp: 36580
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.4 114.6
 141 94.3 57.4 86.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.29 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

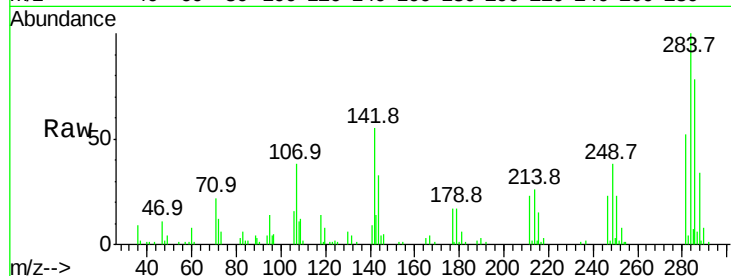
Tot Ion:284 Resp: 35782

Ion Ratio Lower Upper

284 100

142 54.8 32.1 48.1#

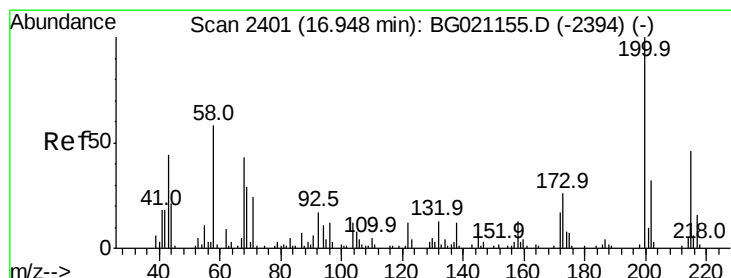
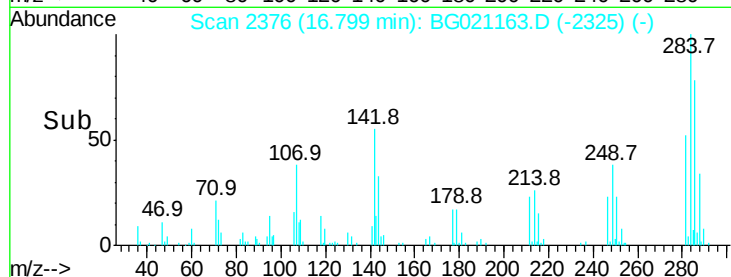
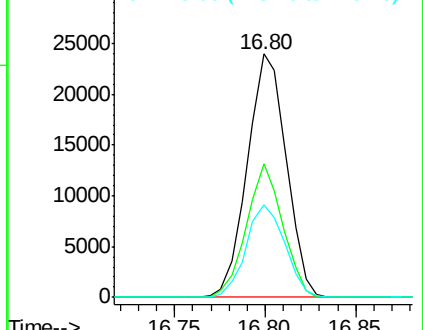
249 41.0 24.0 36.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 57.29 ng

RT: 16.95 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

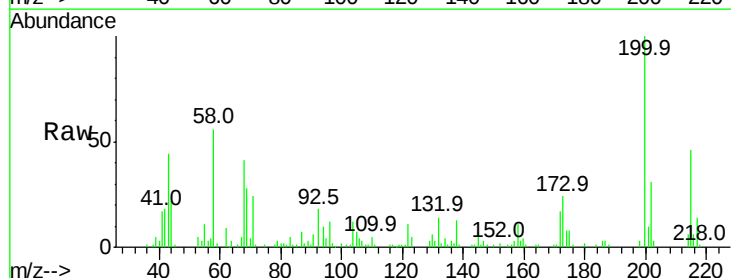
Tgt Ion:200 Resp: 42310

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

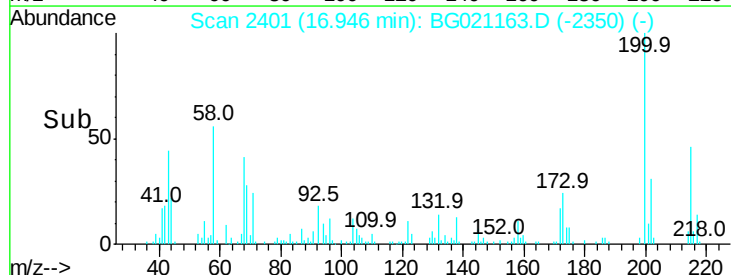
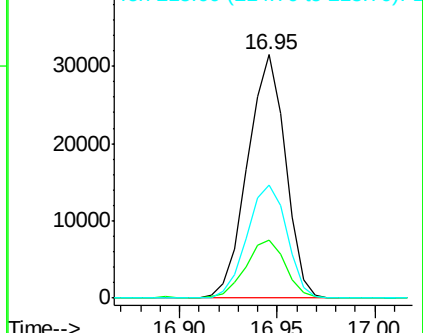
215 46.4 29.0 69.0

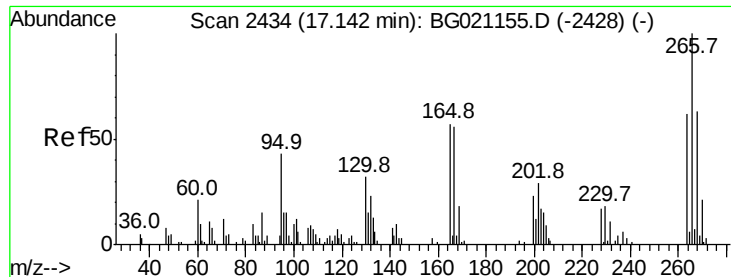


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

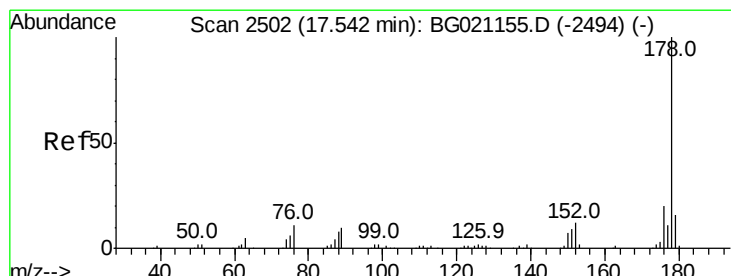
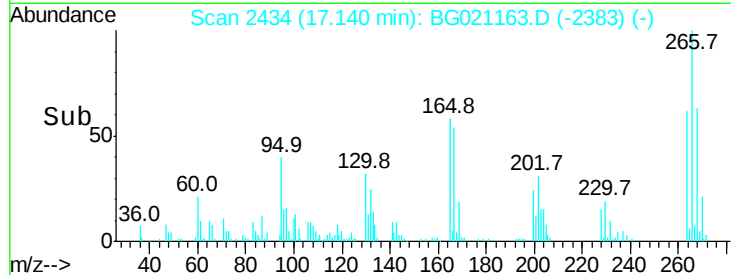
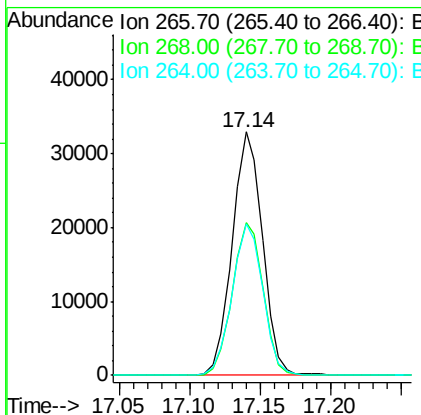
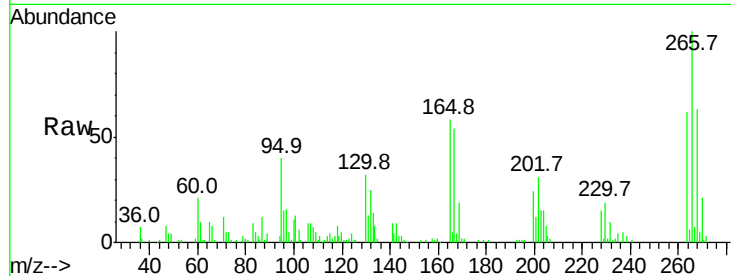




#69
 Pentachlorophenol
 Concen: 106.01 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

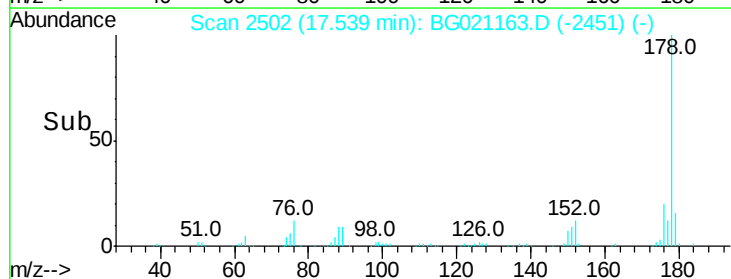
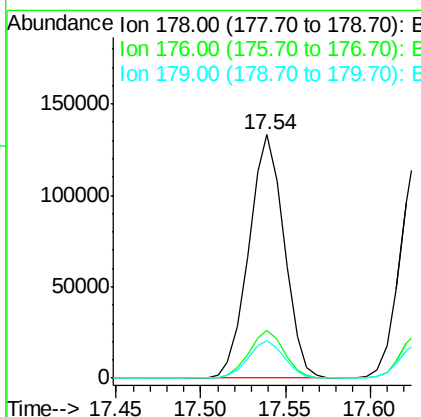
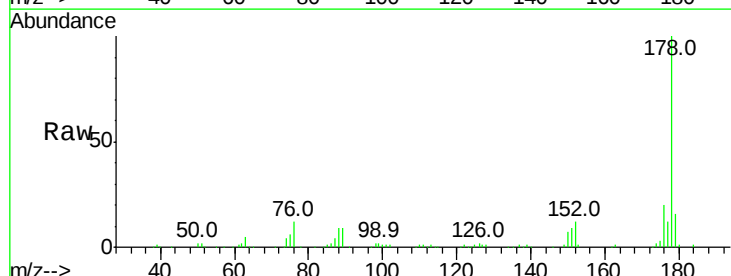
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

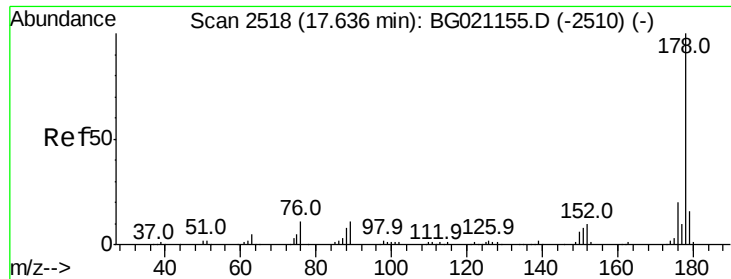
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	51.0	76.6
264	68.3	47.8	71.8



#70
 Phenanthrene
 Concen: 51.18 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.6	12.9	19.3

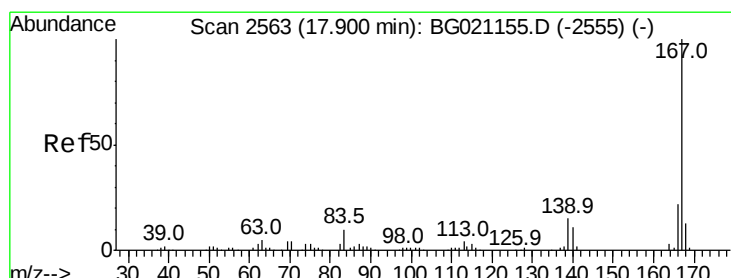
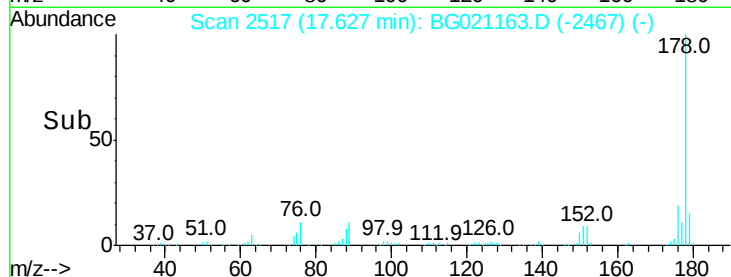
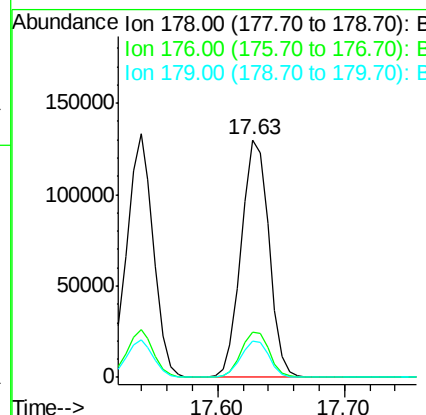
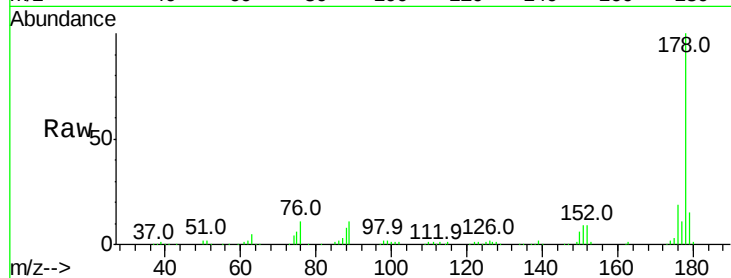




#71
 Anthracene
 Concen: 50.82 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

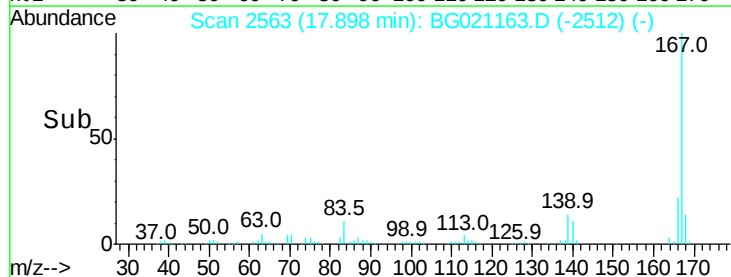
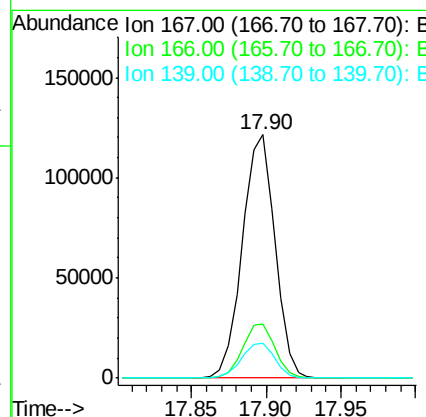
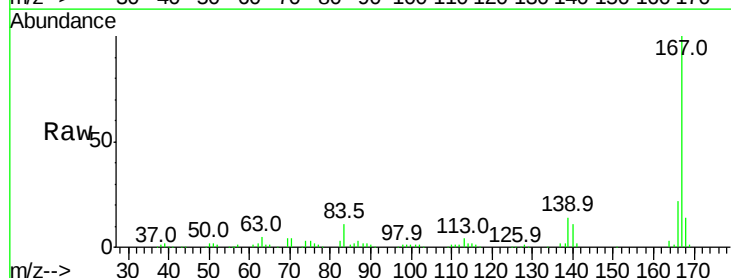
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

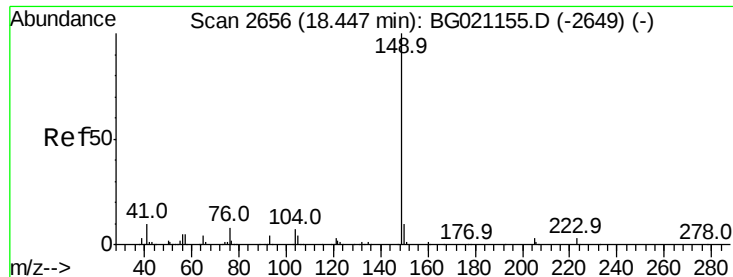
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	15.2	12.6	19.0



#72
 Carbazole
 Concen: 53.48 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	14.1	10.3	15.5





#73

Di-n-butylphthalate

Concen: 50.06 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

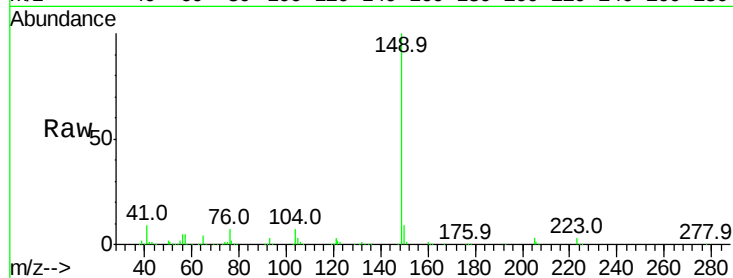
Tot Ion:149 Resp: 241739

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

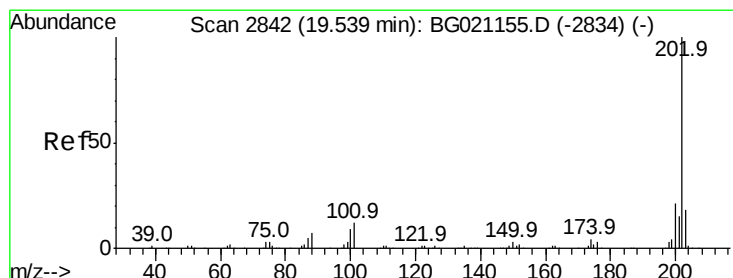
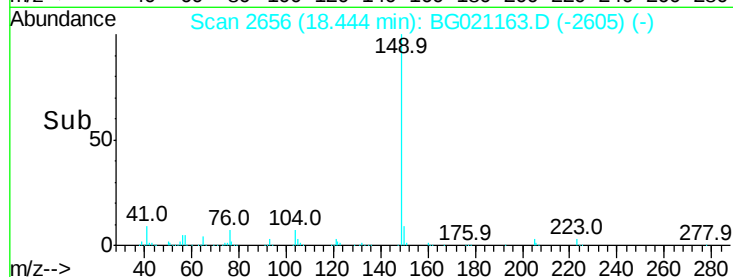
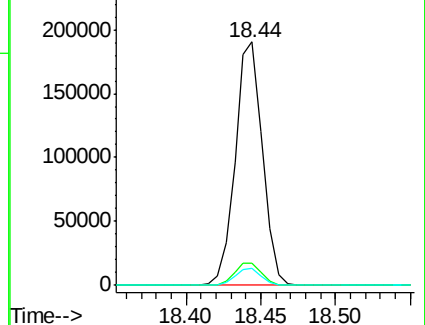
104 6.8 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.84 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

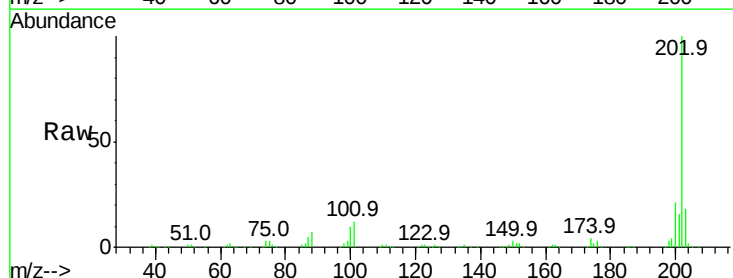
Tgt Ion:202 Resp: 221653

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.5

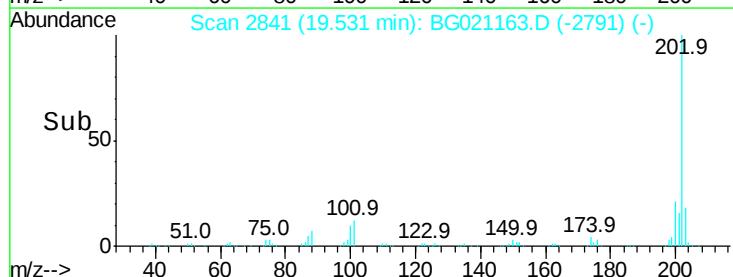
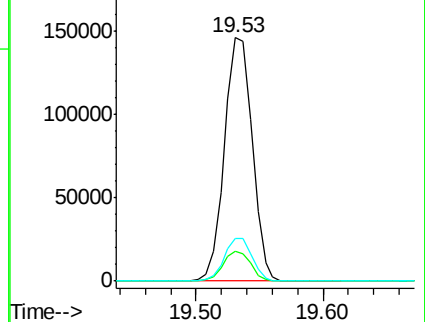
203 17.8 0.0 37.6

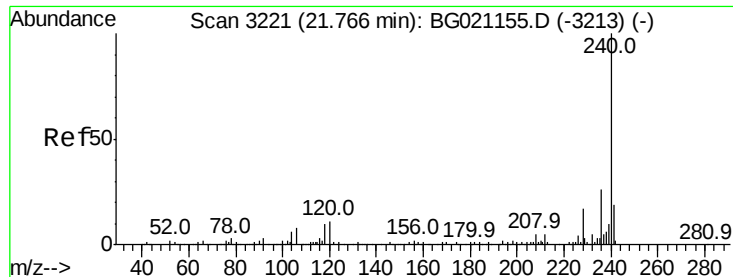


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

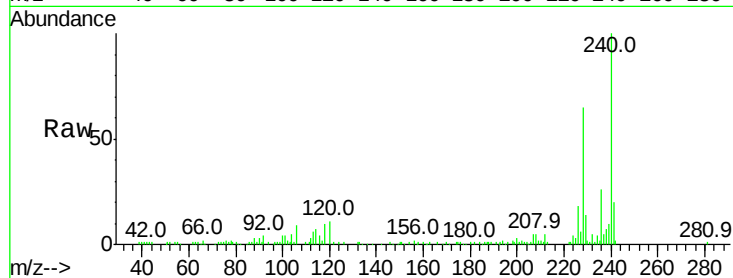
Tot Ion:240 Resp: 73721

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

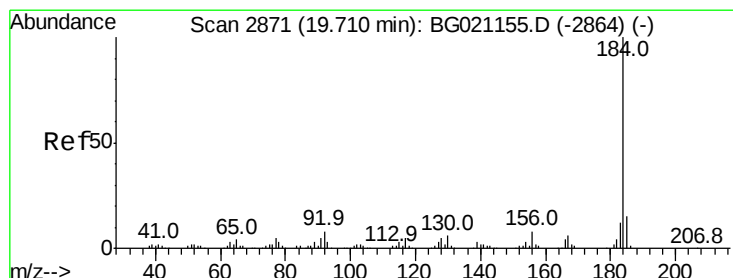
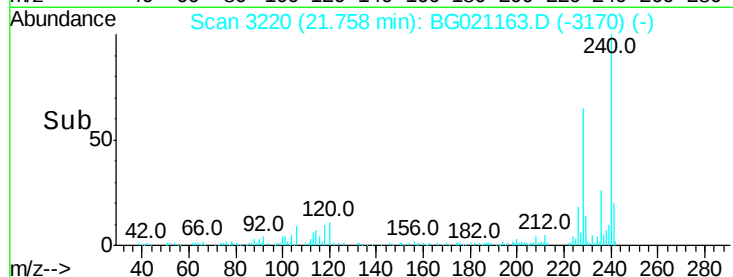
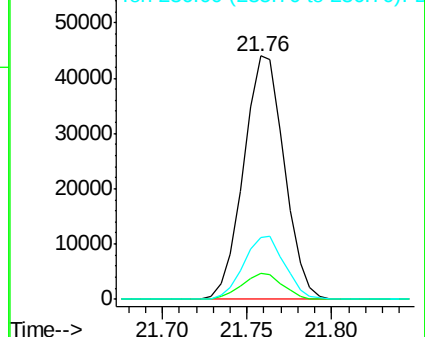
236 25.6 20.5 30.7



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: 22.12 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

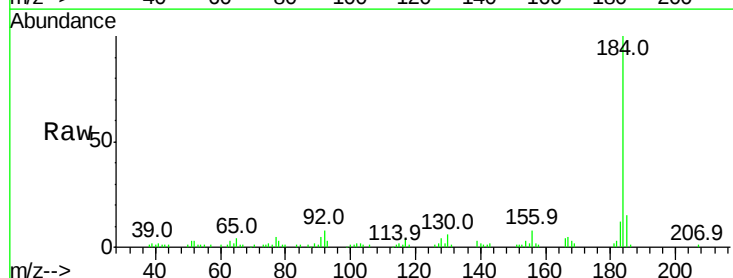
Tgt Ion:184 Resp: 45632

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

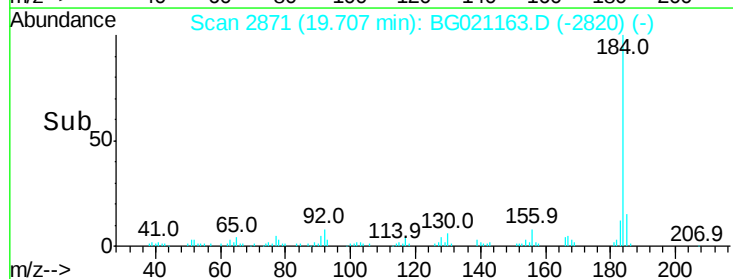
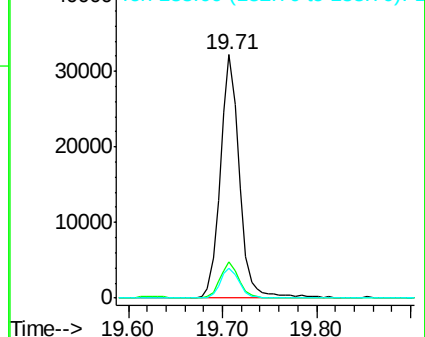
183 12.1 10.1 15.1

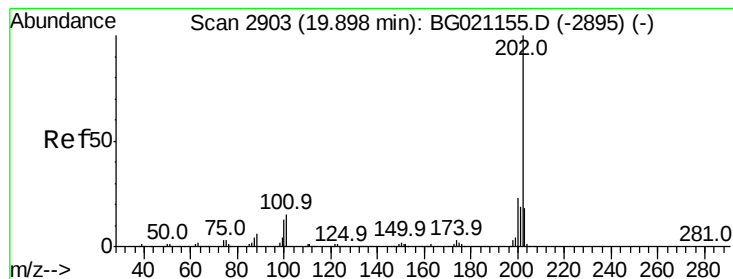


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.69 ng

RT: 19.90 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

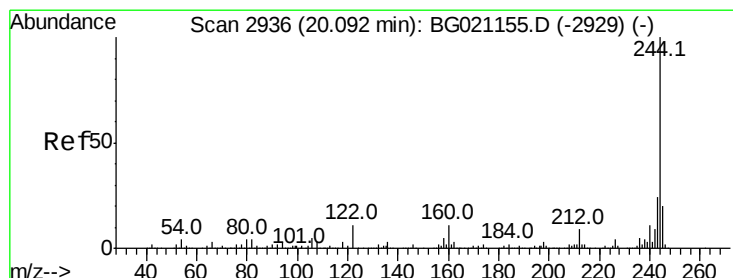
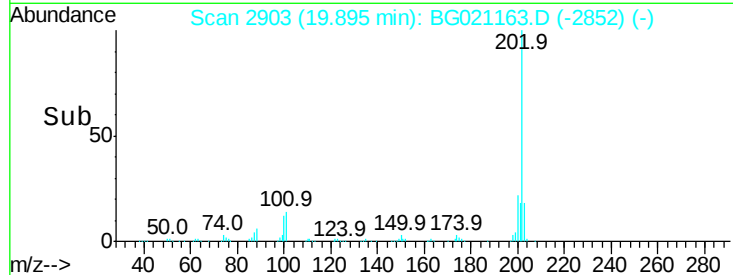
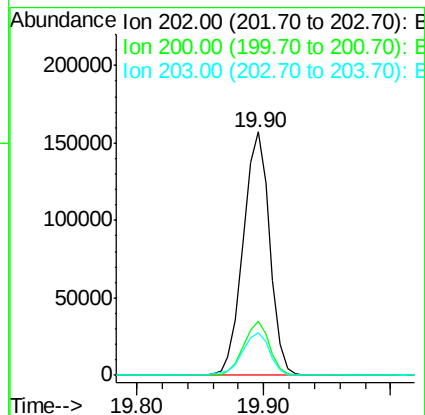
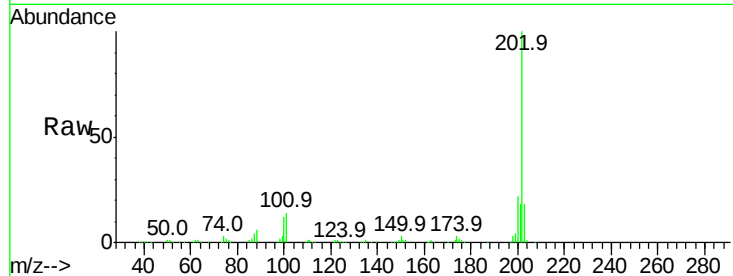
Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	202	Resp:	227307
Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.6	25.0
203	17.5	13.8	20.8



#78

Terphenyl-d14

Concen: 91.21 ng

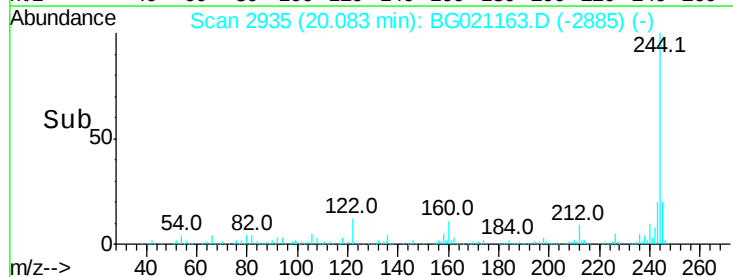
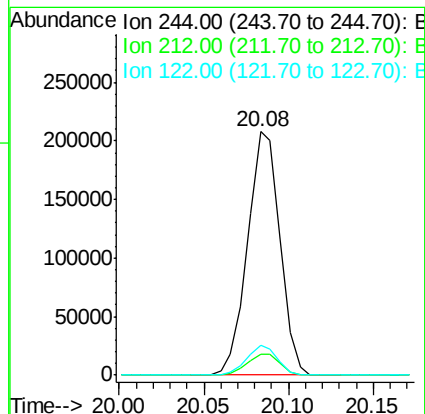
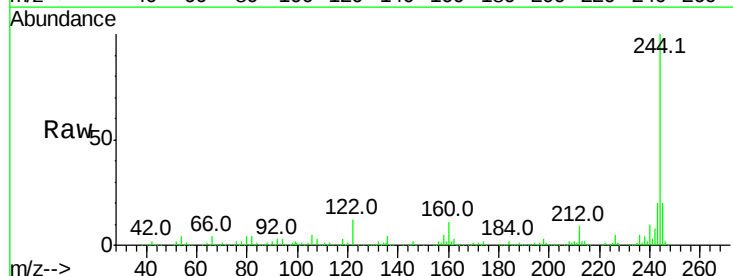
RT: 20.08 min Scan# 2935

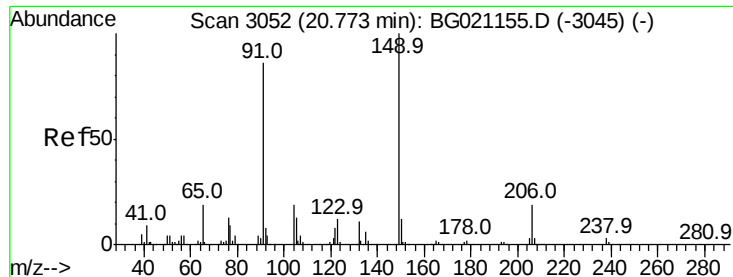
Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	244	Resp:	277567
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.6#
122	12.1	8.3	12.5

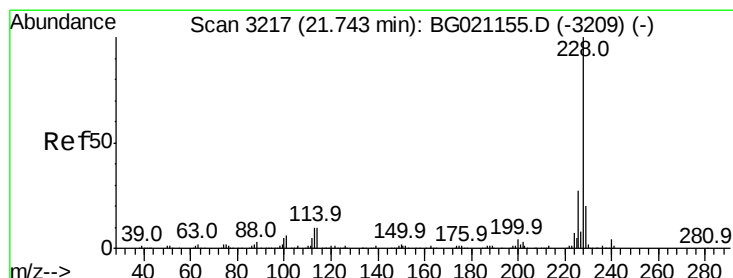
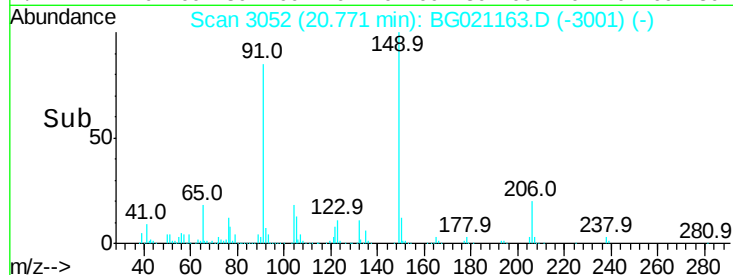
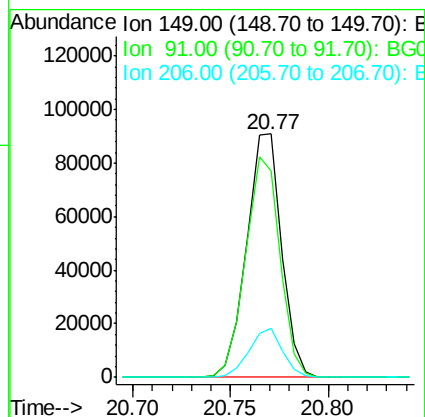
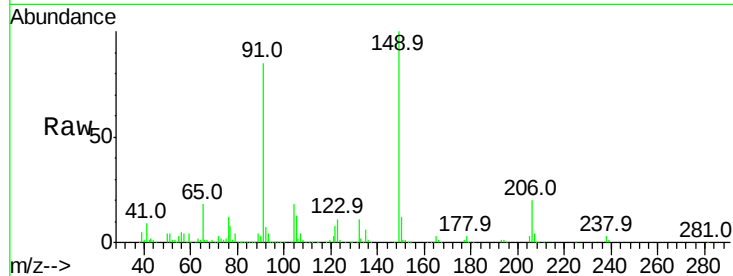




#79
Butylbenzylphthalate
Concen: 50.19 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

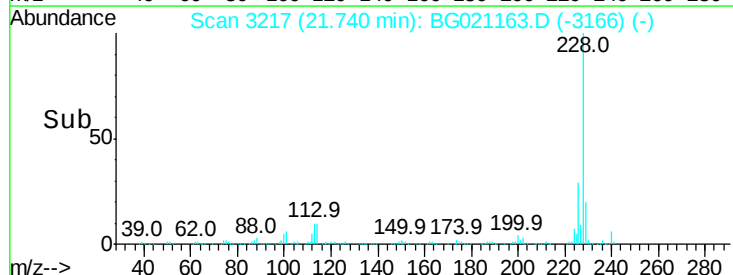
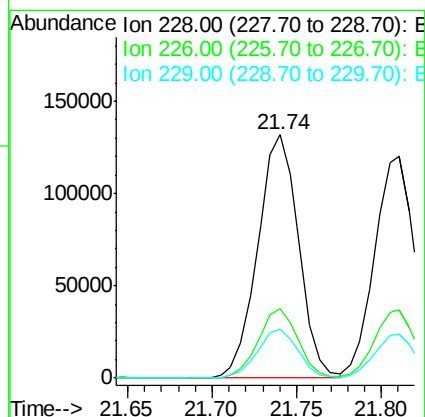
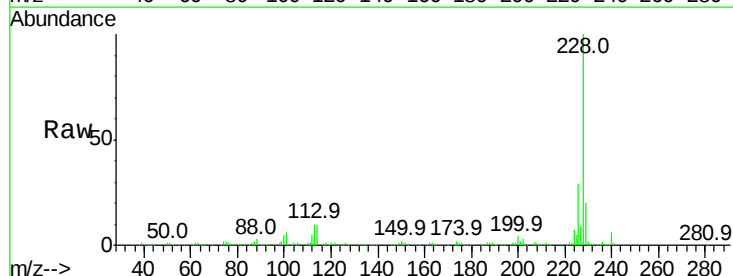
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

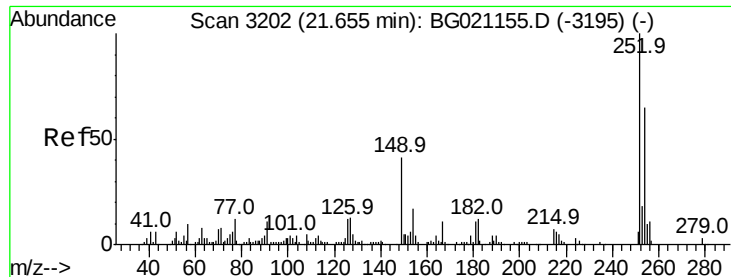
Tot Ion:149 Resp: 112652
Ion Ratio Lower Upper
149 100
91 85.1 58.6 87.8
206 19.9 14.2 21.4



#80
Benzo(a)anthracene
Concen: 50.76 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:228 Resp: 221533
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.4 15.5 23.3





#81

3,3'-Dichlorobenzidine

Concen: 24.13 ng

RT: 21.65 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

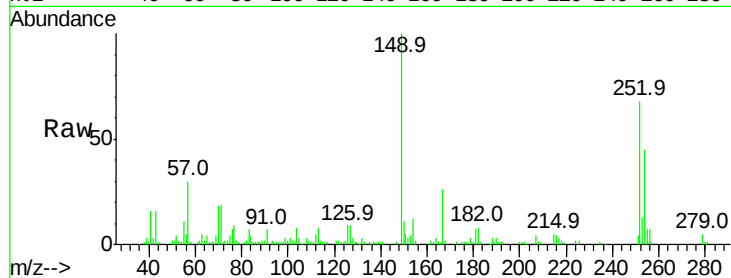
Tot Ion:252 Resp: 39843

Ion Ratio Lower Upper

252 100

254 65.3 52.6 79.0

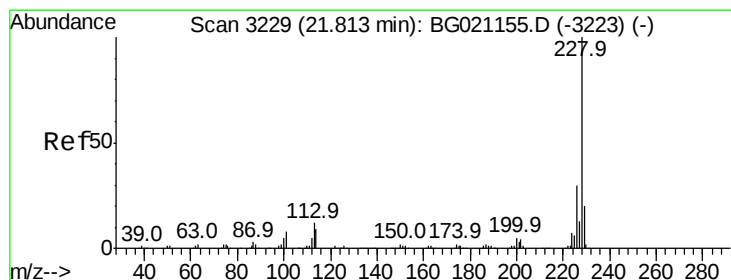
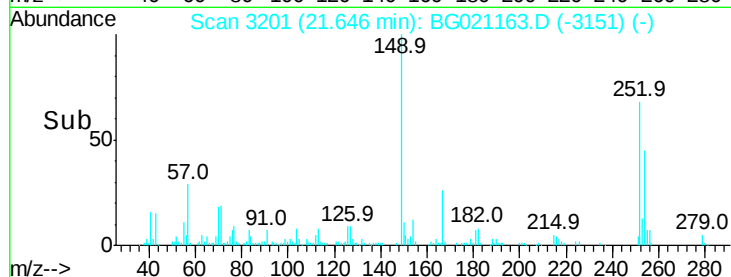
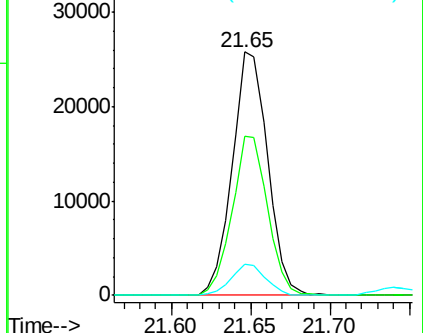
126 12.7 8.3 12.5#



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: 48.03 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

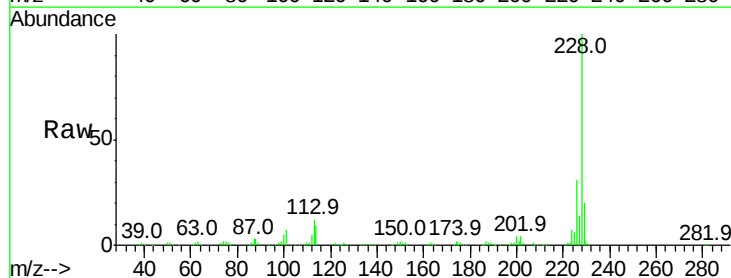
Tgt Ion:228 Resp: 198644

Ion Ratio Lower Upper

228 100

226 30.8 23.7 35.5

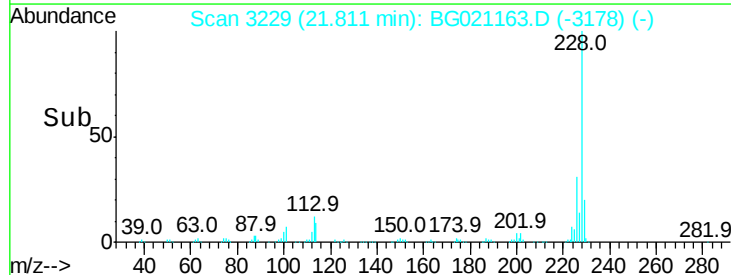
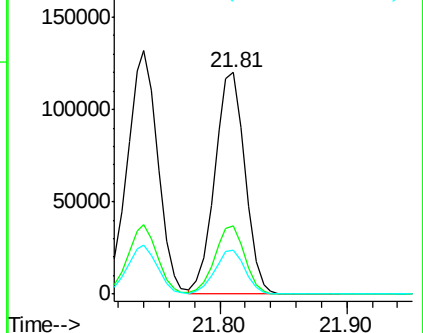
229 19.8 16.7 25.1

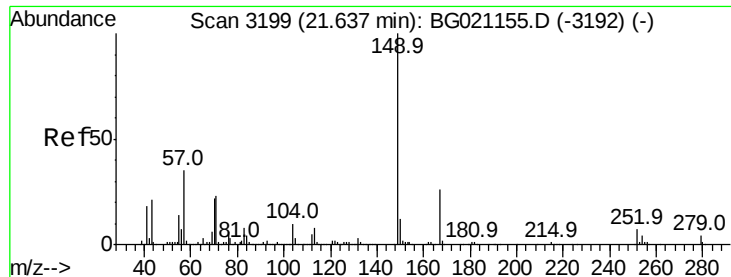


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

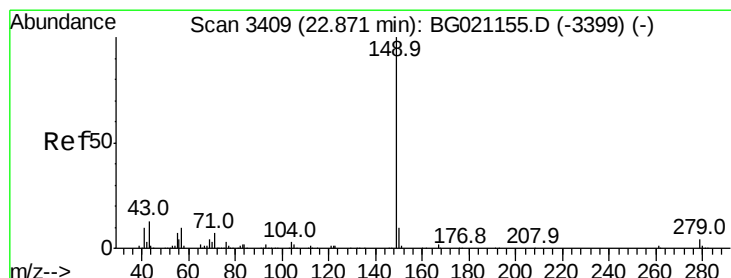
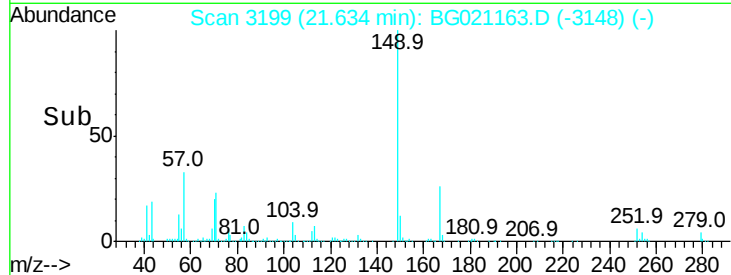
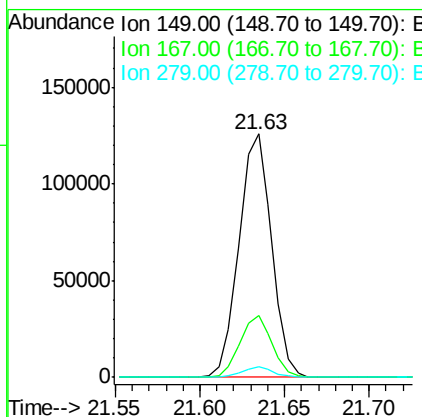
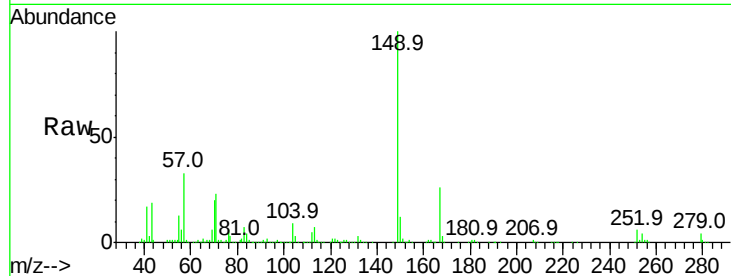




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.25 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

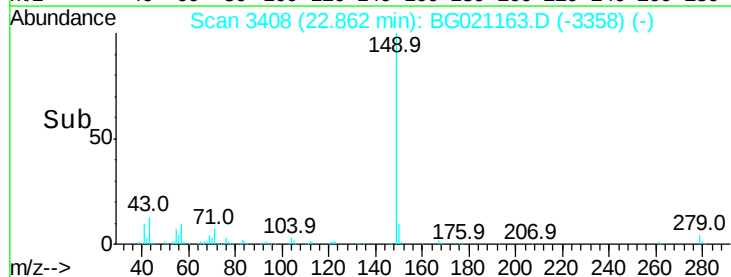
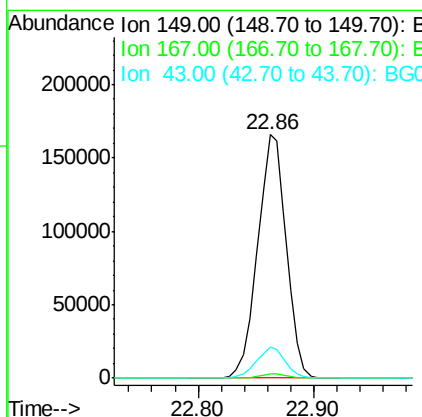
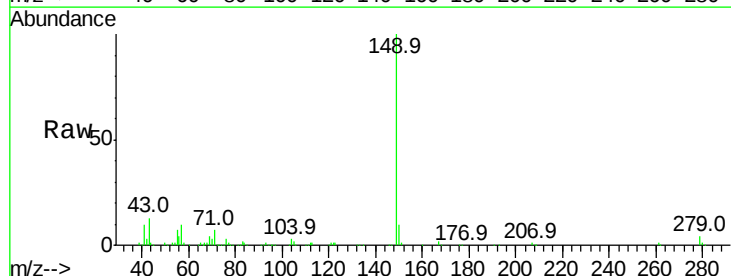
Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

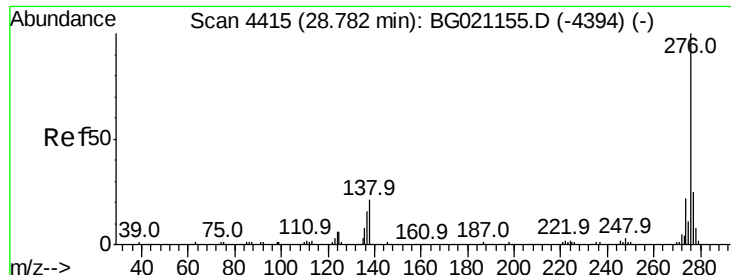
Tot Ion:149 Resp: 168580
 Ion Ratio Lower Upper
 149 100
 167 25.5 18.9 28.3
 279 4.2 3.0 4.6



#84
 Di-n-octyl phthalate
 Concen: 52.20 ng
 RT: 22.86 min Scan# 3408
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:149 Resp: 286036
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 12.6 9.8 14.8

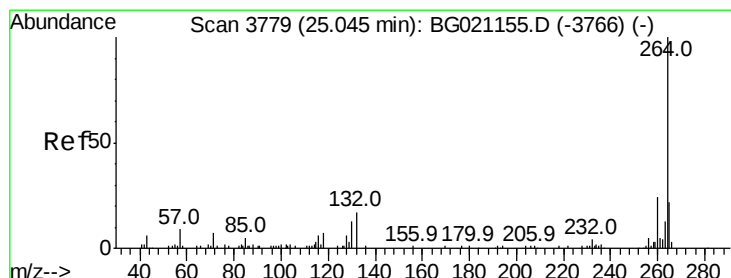
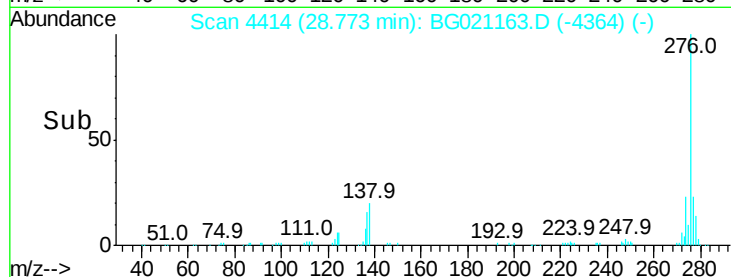
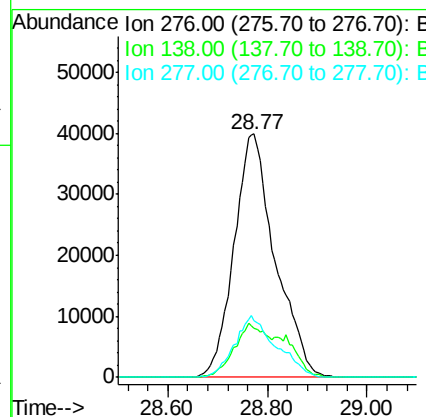
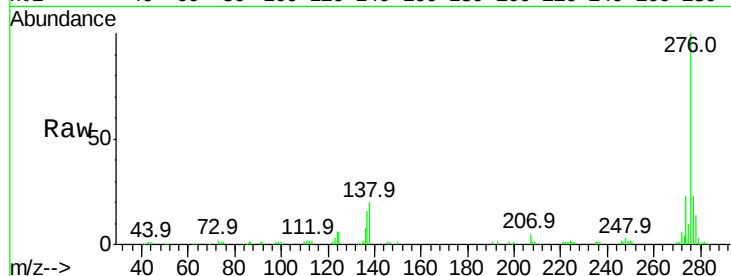




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.13 ng
RT: 28.77 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

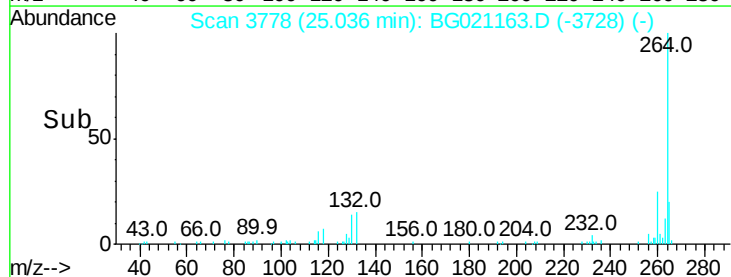
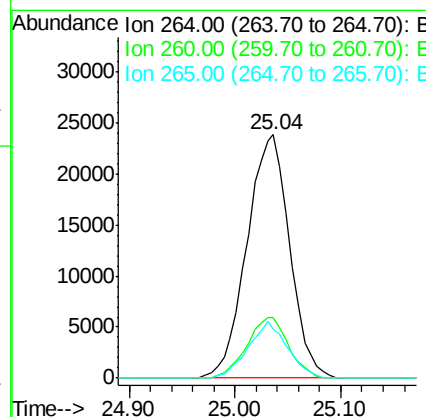
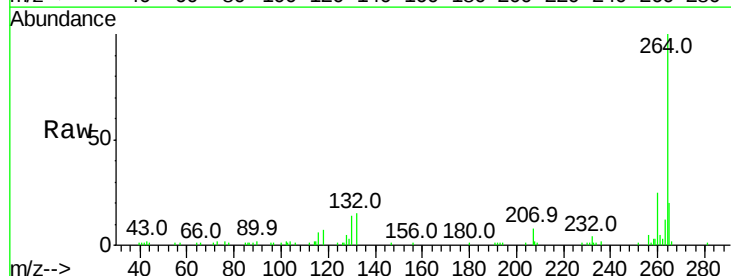
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

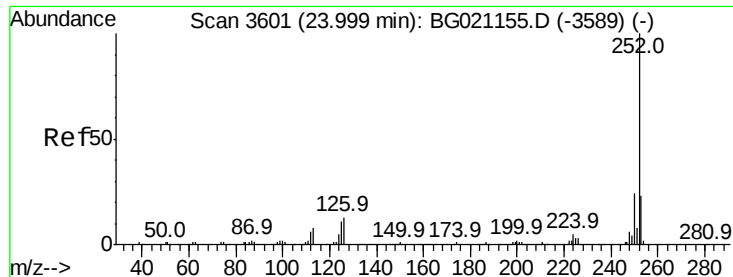
Tot Ion:276 Resp: 228267
Ion Ratio Lower Upper
276 100
138 17.7 0.0 0.0#
277 25.6 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:264 Resp: 66721
Ion Ratio Lower Upper
264 100
260 24.8 18.5 27.7
265 20.2 18.6 28.0





#87

Benzo(b)fluoranthene

Concen: 51.12 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

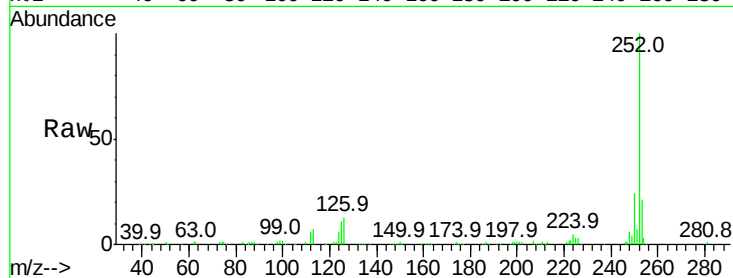
Tot Ion:252 Resp: 214553

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

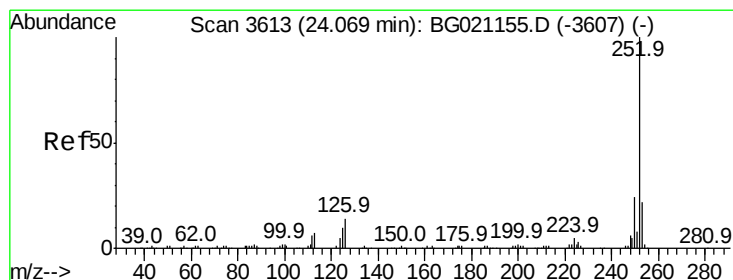
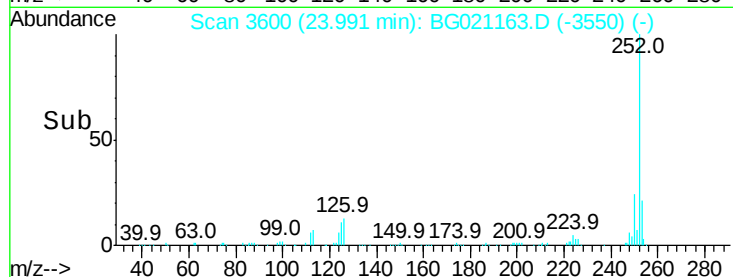
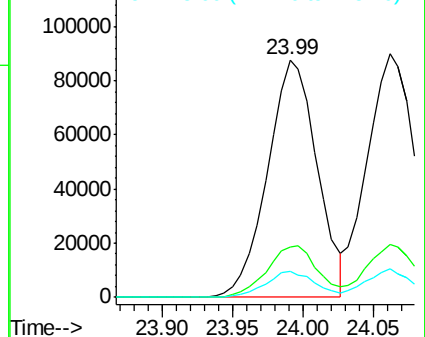
125 10.8 8.2 12.2



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: 49.74 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

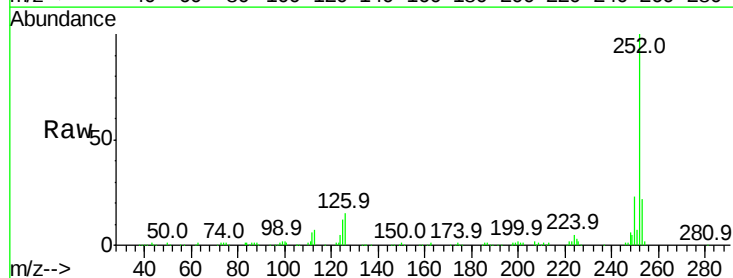
Tgt Ion:252 Resp: 209060

Ion Ratio Lower Upper

252 100

253 21.6 16.4 24.6

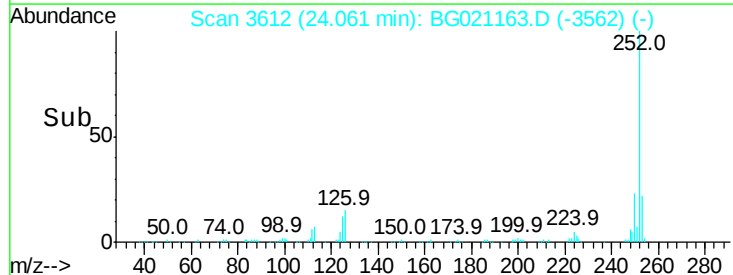
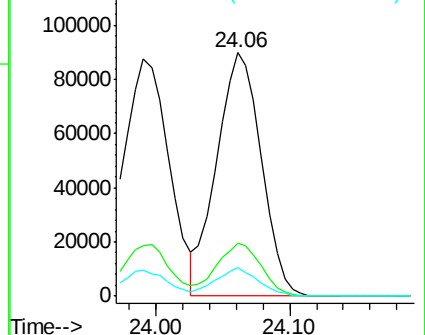
125 11.5 8.2 12.2

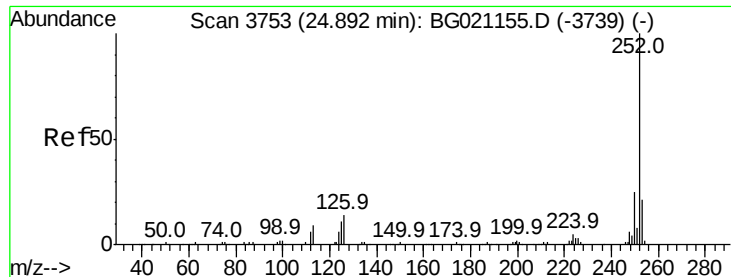


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.86 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

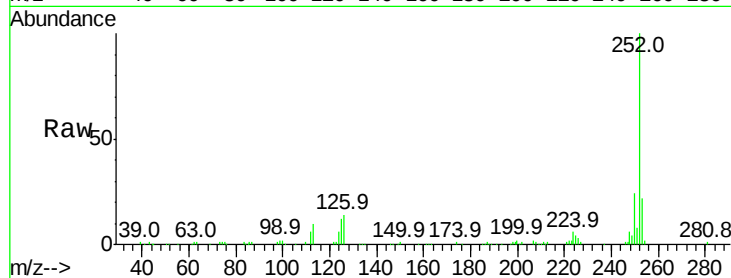
Tot Ion:252 Resp: 206389

Ion Ratio Lower Upper

252 100

253 22.2 15.8 23.8

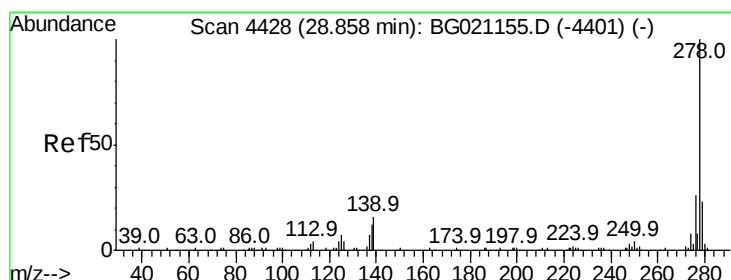
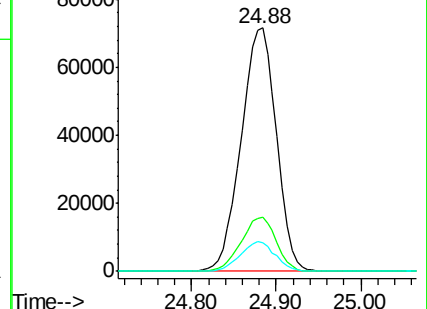
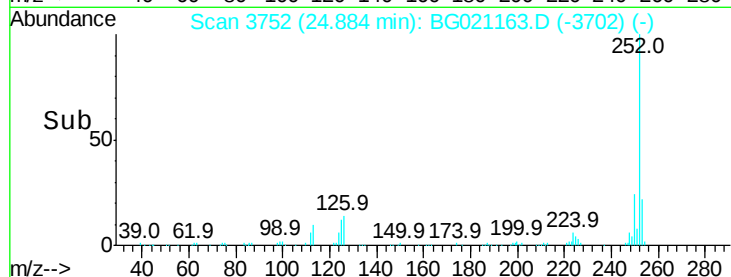
125 12.0 8.4 12.6



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: 48.63 ng

RT: 28.83 min Scan# 4424

Delta R.T. -0.03 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

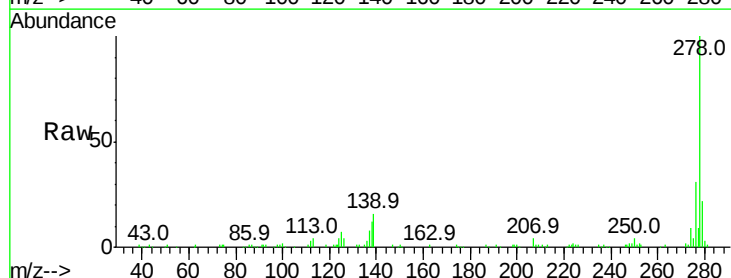
Tgt Ion:278 Resp: 195208

Ion Ratio Lower Upper

278 100

139 16.2 10.6 15.8#

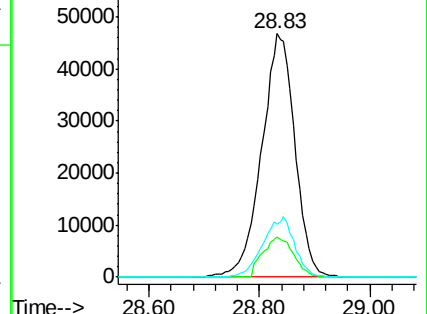
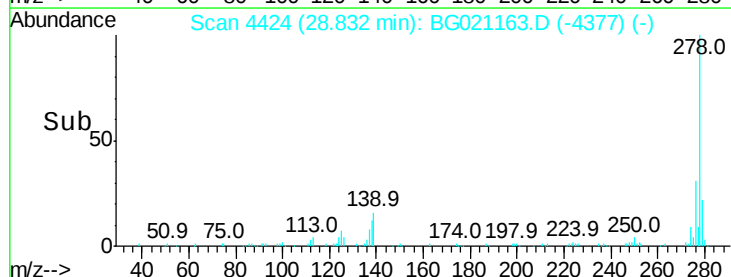
279 21.9 19.7 29.5

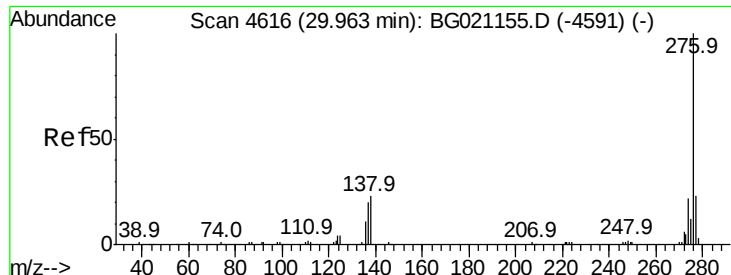


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.05 ng
 RT: 29.94 min Scan# 4612
 Delta R.T. -0.03 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion:	276	Resp:	186338
Ion	Ratio	Lower	Upper
276	100		
277	22.7	16.6	25.0
138	21.2	14.6	21.8

