

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021162.D
 Acq On : 29 Feb 2016 19:34
 Operator : UM/SJ
 Sample : H1578-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 29 23:57:55 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	8.15	152	8639	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	41732	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	27812	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	73886	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	74486	20.00	ng	-0.01
86) Perylene-d12	25.03	264	68284	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	92813	170.80	ng	0.00
7) Phenol-d6	7.30	99	150341	168.25	ng	0.00
23) Nitrobenzene-d5	9.32	82	105756	107.23	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	51846	179.17	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	185529	94.73	ng	0.00
78) Terphenyl-d14	20.09	244	287859	93.62	ng	0.00

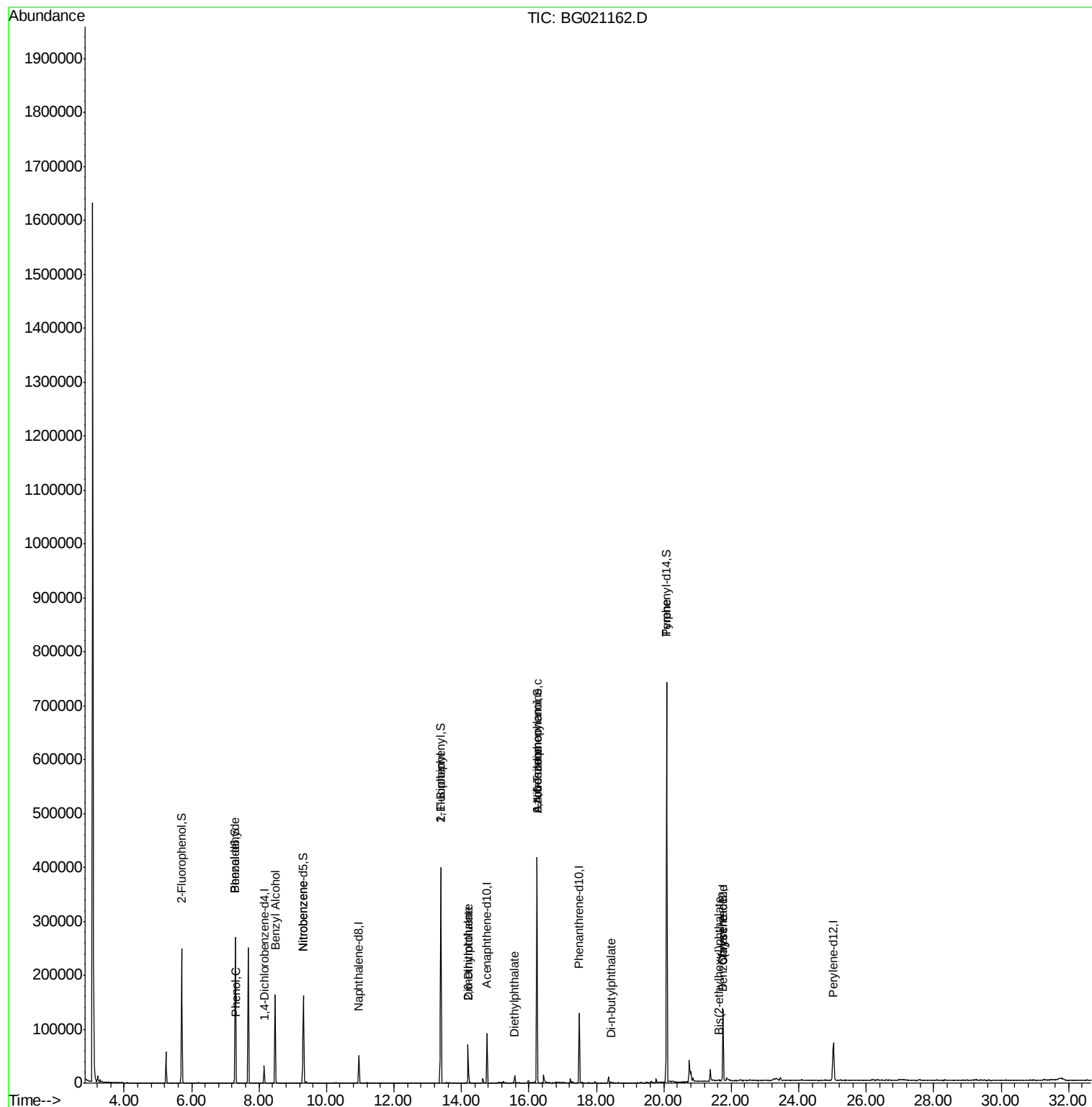
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	118	0.21	ng	# 2
10) Phenol	7.33	94	678	0.71	ng	# 20
15) Benzyl Alcohol	8.48	79	1544	1.89	ng	# 43
24) Nitrobenzene	9.32	77	255	0.24	ng	# 40
45) 1,1'-Biphenyl	13.38	154	308	0.13	ng	# 1
49) Dimethylphthalate	14.20	163	41447	16.72	ng	# 98
50) 2,6-Dinitrotoluene	14.20	165	370	0.71	ng	# 1
59) Diethylphthalate	15.56	149	54	0.02	ng	# 61
62) Azobenzene	16.24	77	509	0.17	ng	# 3
65) n-Nitrosodiphenylamine	16.24	169	2813	1.24	ng	# 41
73) Di-n-butylphthalate	18.44	149	475	0.09	ng	# 78
77) Pvrene	20.08	202	1282	0.29	ng	# 61
80) Benzo(a)anthracene	21.74	228	68	0.02	ng	# 51
82) Chrysene	21.76	228	127	0.03	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.63	149	650	0.20	ng	# 90

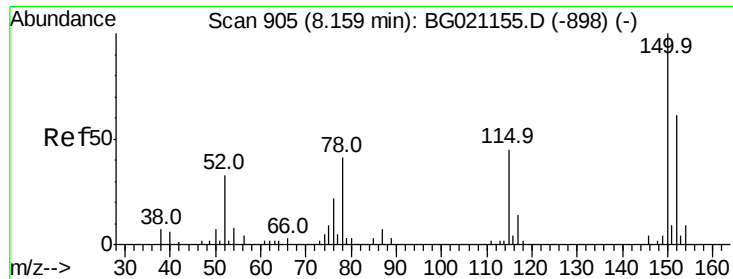
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021162.D
Acq On : 29 Feb 2016 19:34
Operator : UM/SJ
Sample : H1578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 29 23:57:55 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



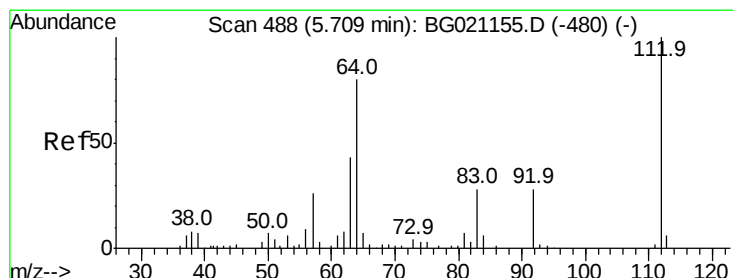
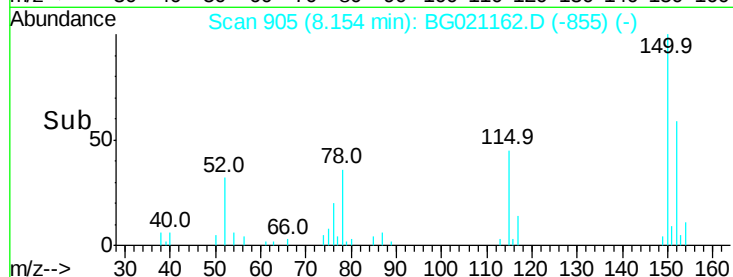
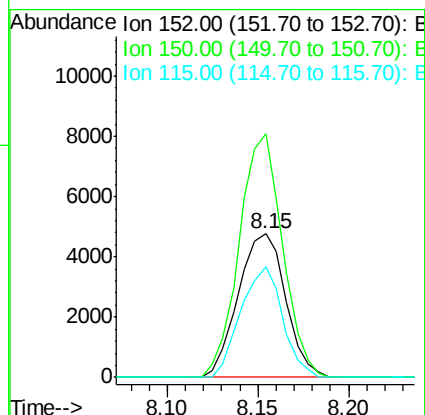
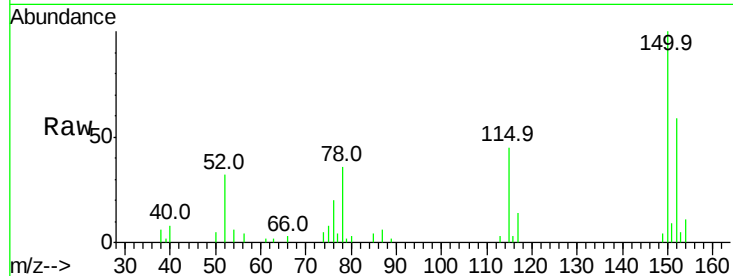


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

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

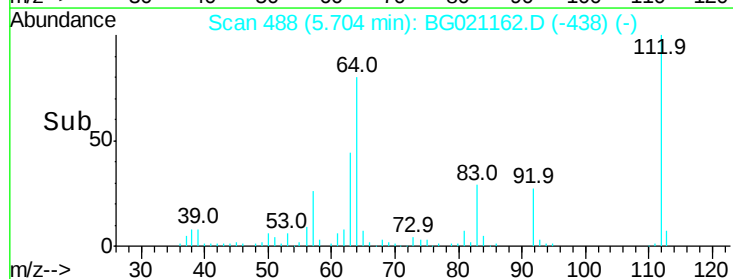
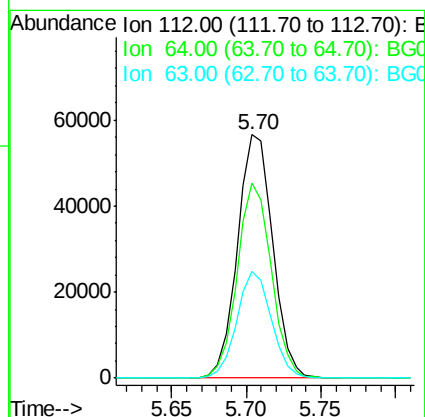
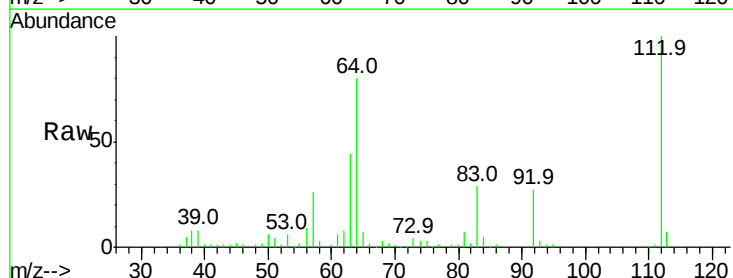
Tot Ion:152 Resp: 8639
Ion Ratio Lower Upper
152 100
150 169.9 123.4 185.2
115 76.8 43.3 64.9#

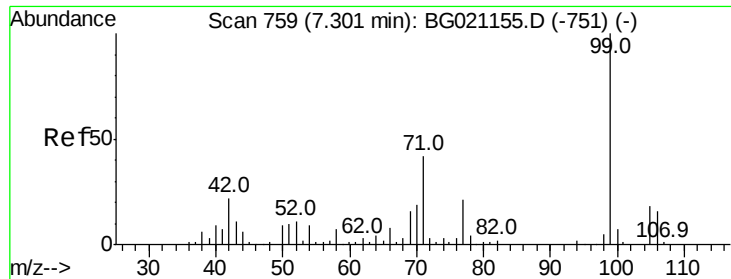


#5

2-Fluorophenol
Concen: 170.80 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

Tgt Ion:112 Resp: 92813
Ion Ratio Lower Upper
112 100
64 80.2 42.6 63.8#
63 44.0 21.7 32.5#





#7

Phenol-d6

Concen: 168.25 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

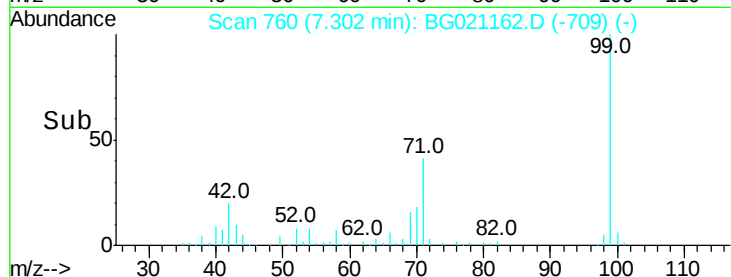
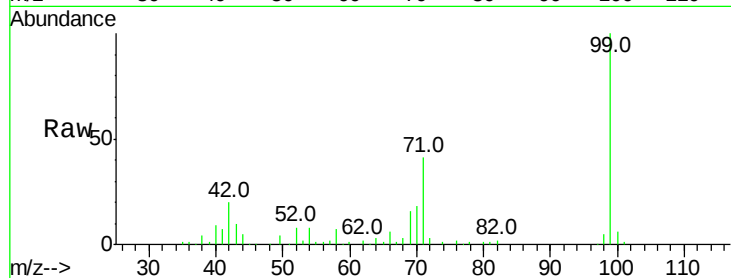
Tot Ion: 99 Resp: 150341

Ion Ratio Lower Upper

99 100

42 20.0 13.2 19.8#

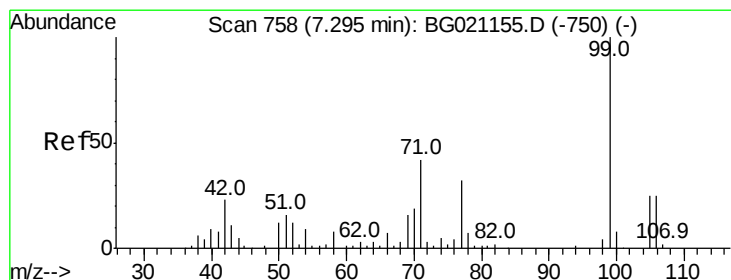
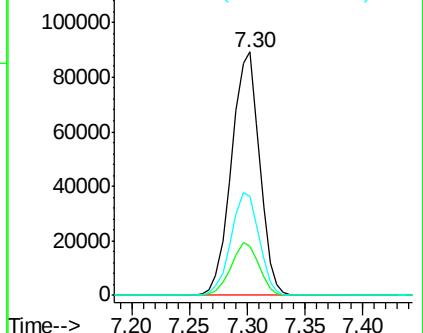
71 40.8 25.2 37.8#



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



#9

Benzaldehyde

Concen: 0.21 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

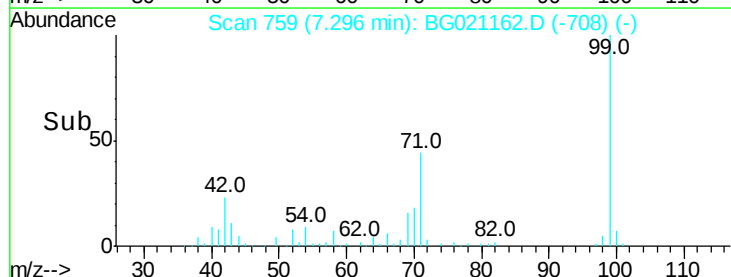
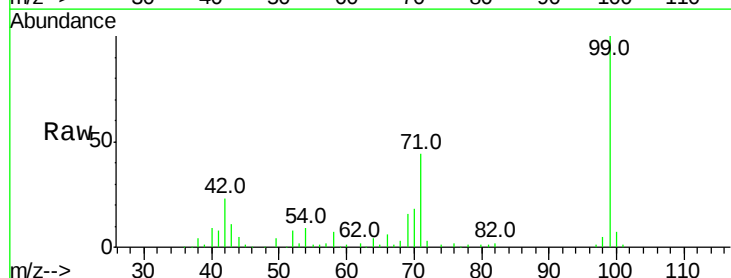
Tgt Ion: 77 Resp: 118

Ion Ratio Lower Upper

77 100

105 0.0 77.4 117.4#

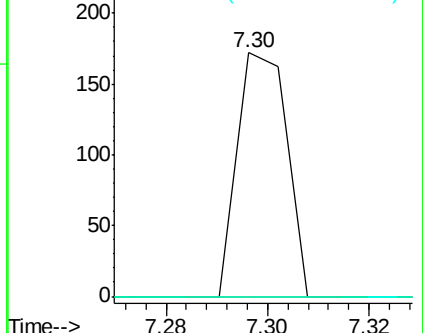
106 0.0 72.8 112.8#

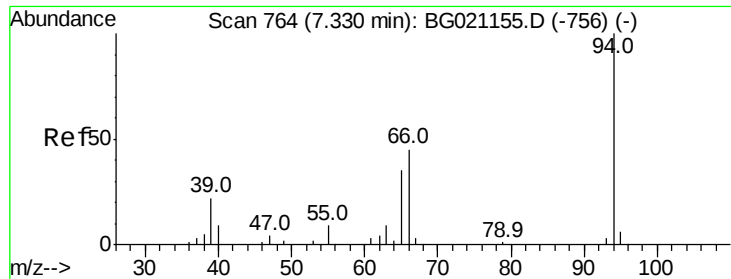


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

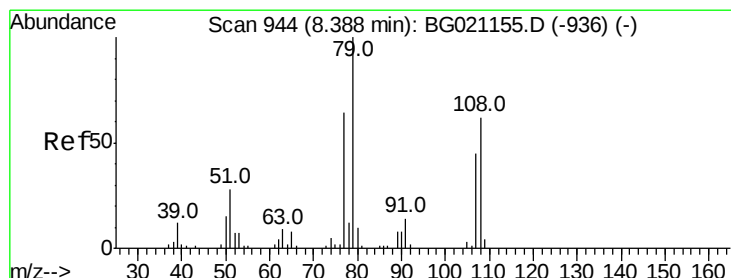
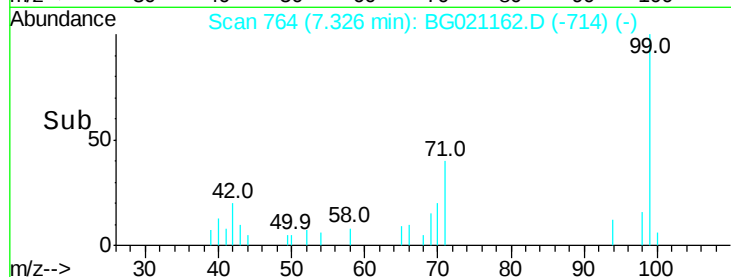
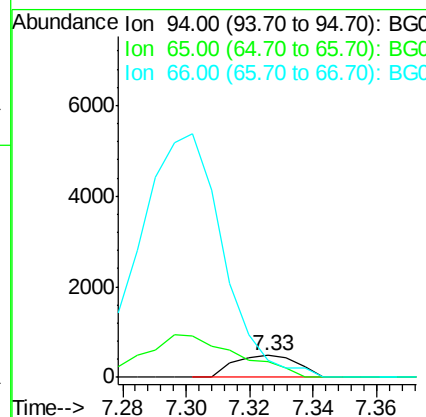
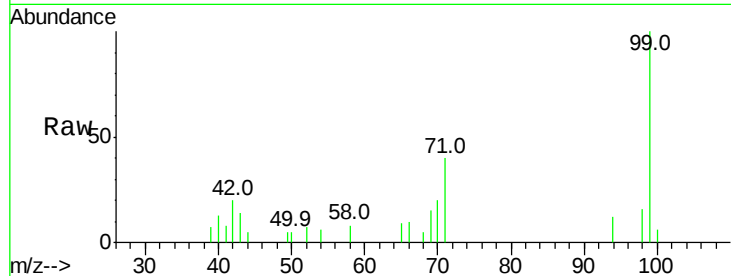




#10
Phenol
Concen: 0.71 ng
RT: 7.33 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

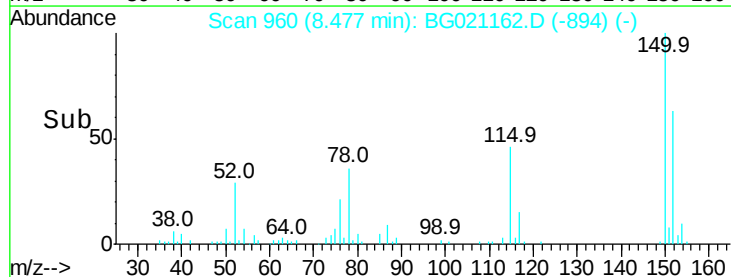
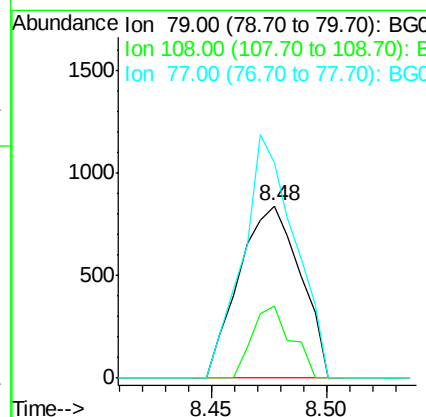
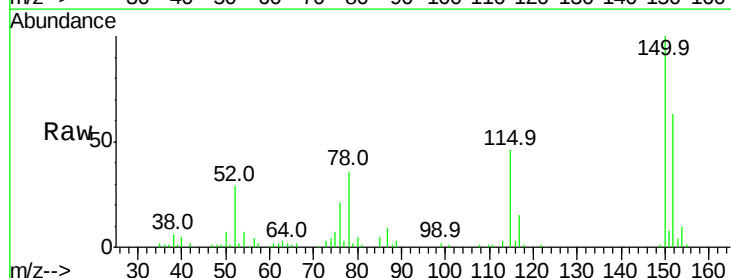
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224

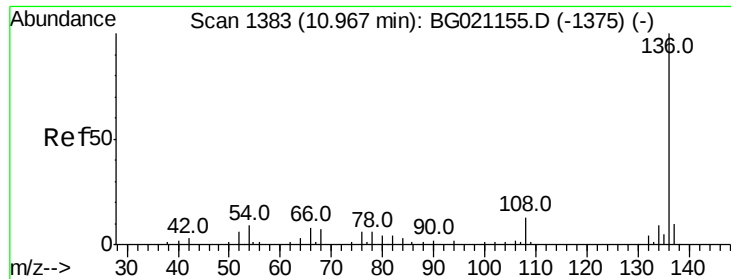
Tot Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
65 71.7 7.2 47.2#
66 79.6 15.4 55.4#



#15
Benzyl Alcohol
Concen: 1.89 ng
RT: 8.48 min Scan# 960
Delta R.T. 0.09 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

Tgt Ion: 79 Resp: 1544
Ion Ratio Lower Upper
79 100
108 41.8 65.1 97.7#
77 125.1 53.8 80.8#

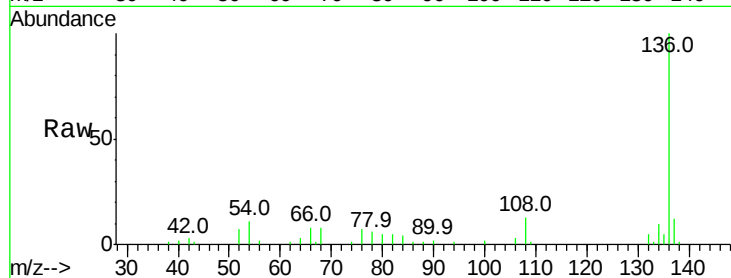




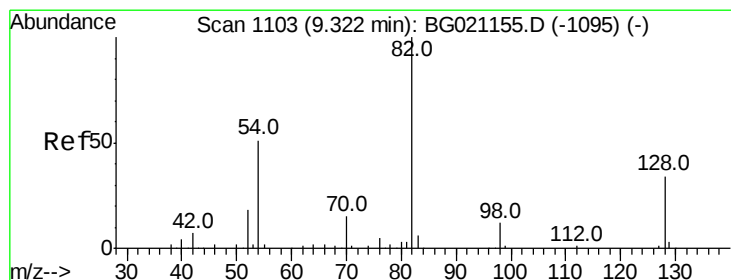
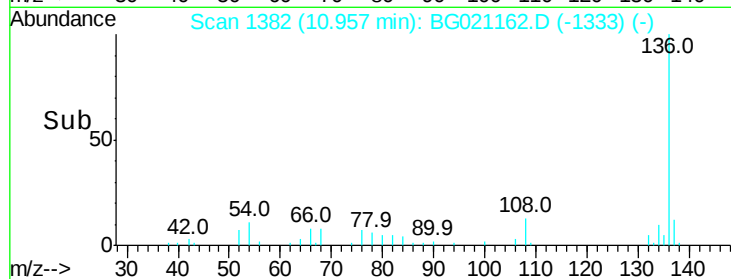
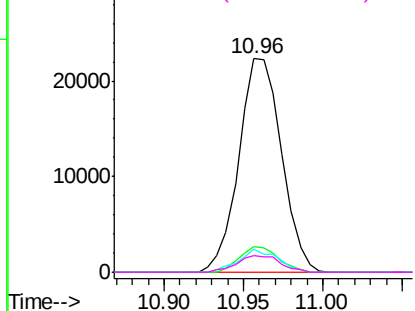
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

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

Tot Ion:136	Resp:	41732
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.8 13.2
54	10.9	6.9 10.3#
68	7.7	5.8 8.6

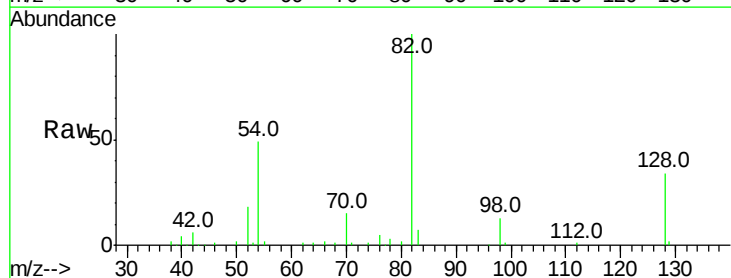


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

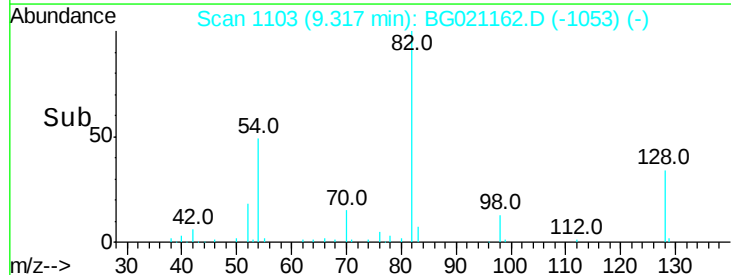
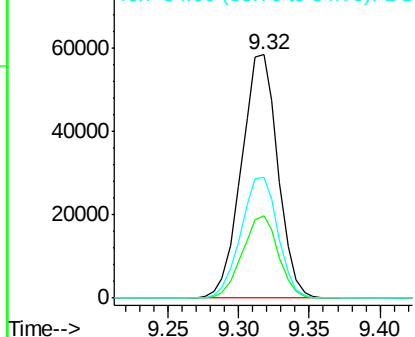


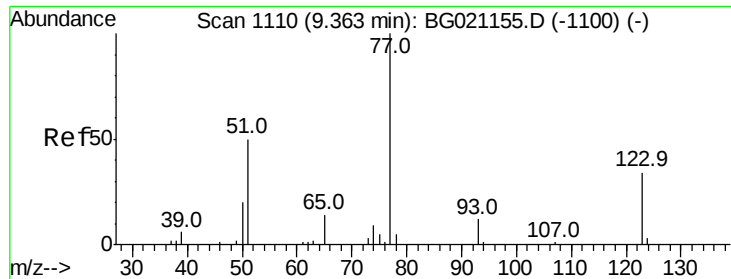
#23
Nitrobenzene-d5
Concen: 107.23 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

Tgt Ion: 82	Resp:	105756
Ion Ratio	Lower	Upper
82	100	
128	33.7	36.3 54.5#
54	49.4	37.6 56.4



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





#24

Nitrobenzene

Concen: 0.24 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.04 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

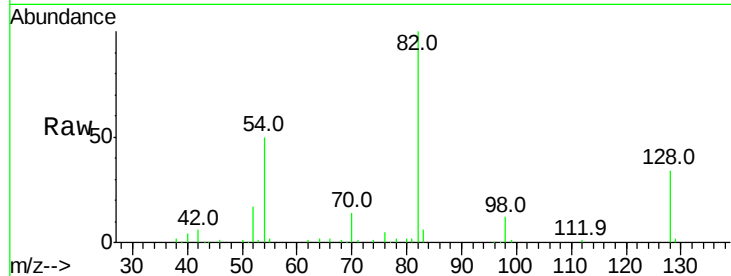
Tot Ion: 77 Resp: 255

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.6#

65 0.0 10.6 16.0#



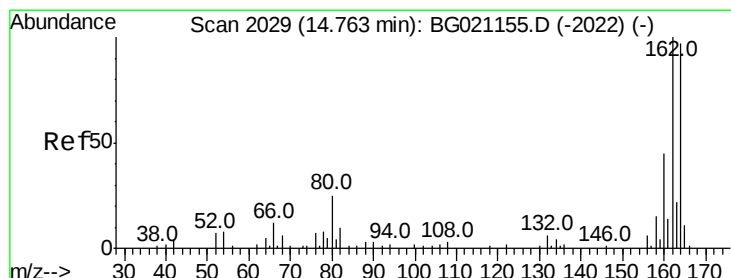
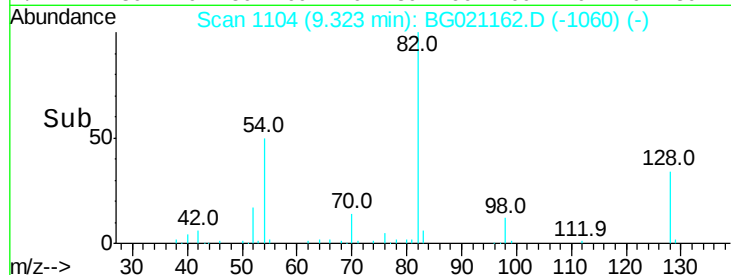
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->

9.28 9.30 9.32 9.34



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

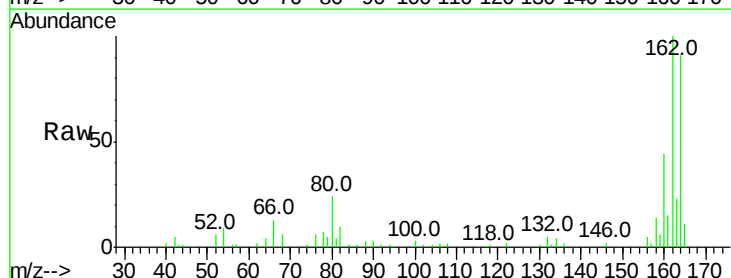
Tgt Ion: 164 Resp: 27812

Ion Ratio Lower Upper

164 100

162 110.3 80.6 120.8

160 48.7 36.5 54.7



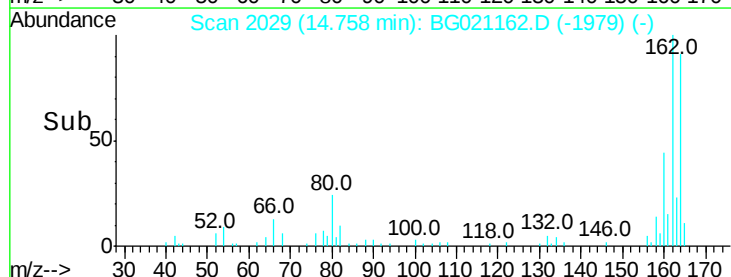
Abundance Ion 164.00 (163.70 to 164.70): BGC

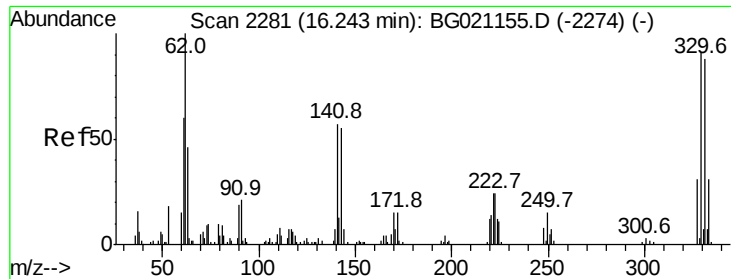
Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

Time-->

14.70 14.75 14.80

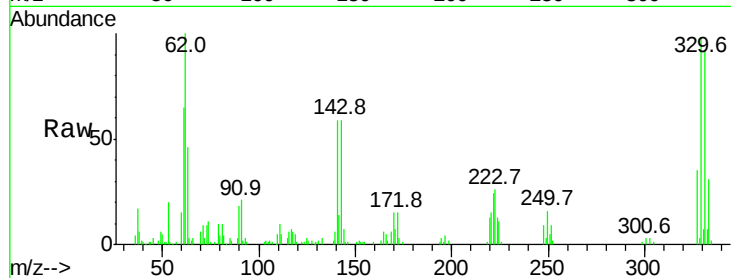




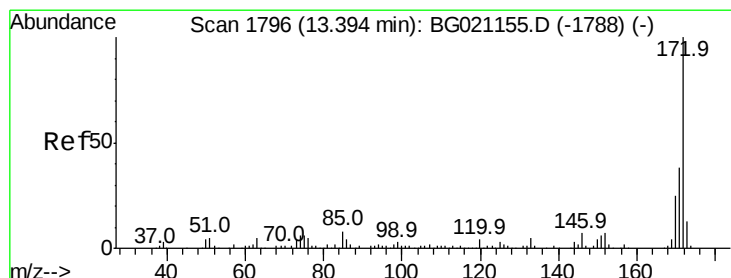
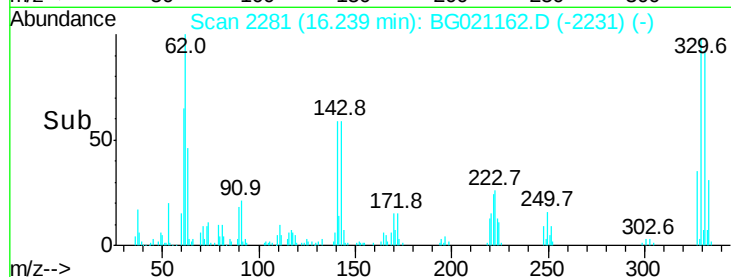
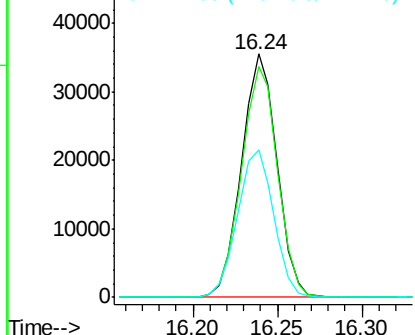
#41
 2,4,6-Tribromophenol
 Concen: 179.17 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

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

Tot Ion:330 Resp: 51846
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 61.8 35.3 52.9#

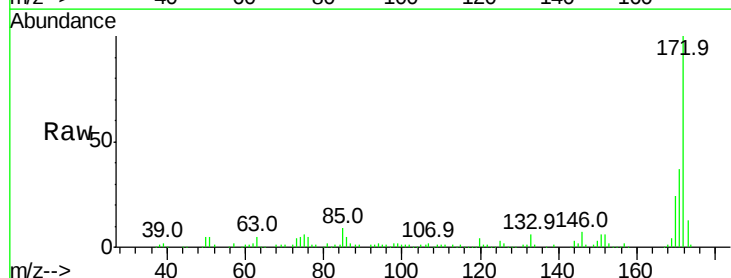


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

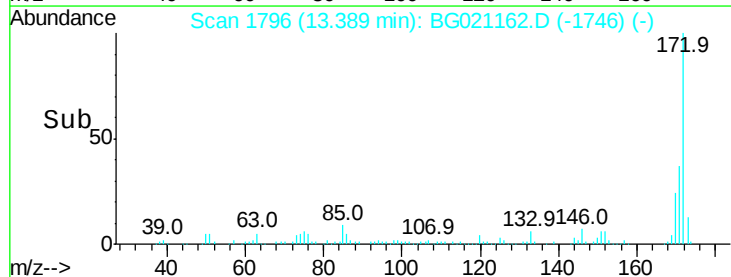
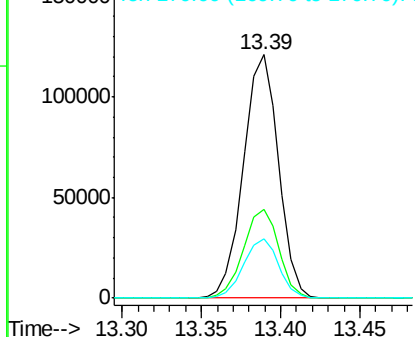


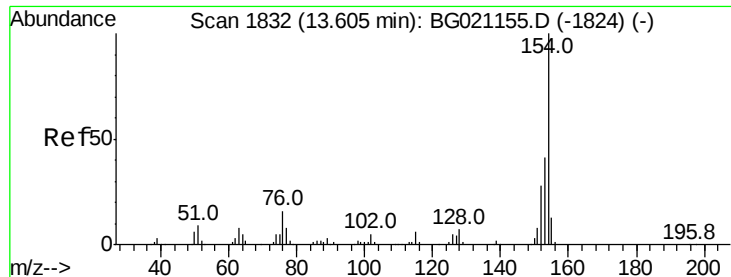
#44
 2-Fluorobiphenyl
 Concen: 94.73 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

Tgt Ion:172 Resp: 185529
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 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

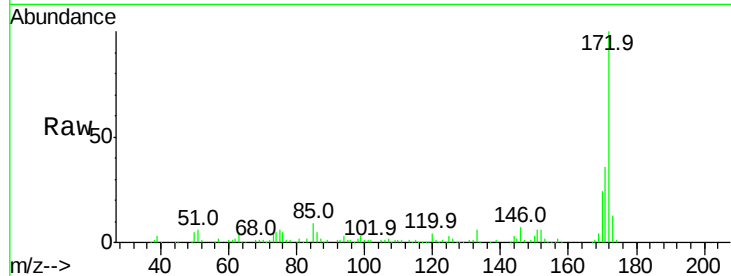




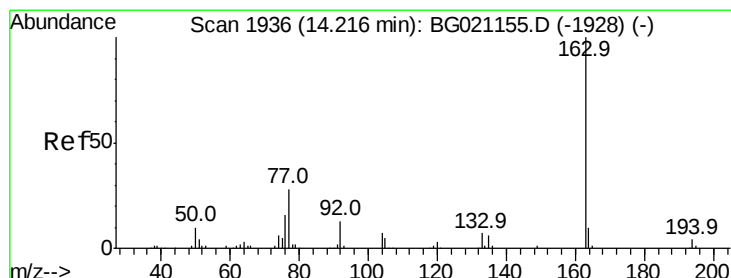
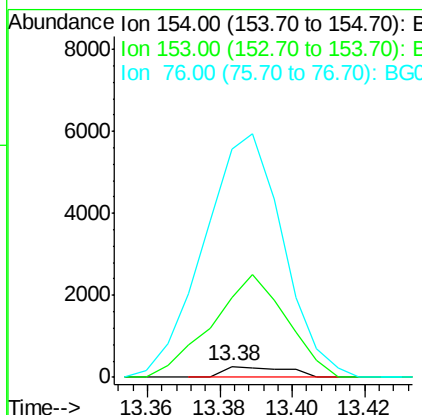
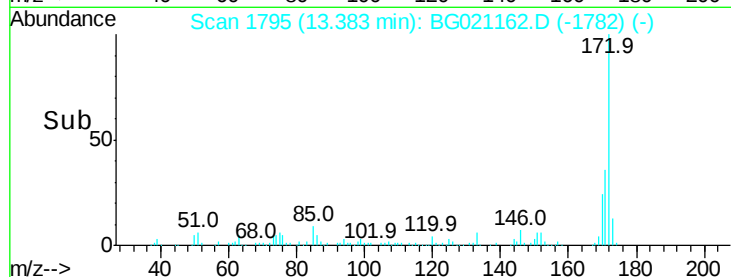
#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.22 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

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

Tot Ion:154 Resp: 308
 Ion Ratio Lower Upper
 154 100
 153 717.2 19.8 59.8#
 76 2044.0 0.0 33.6#

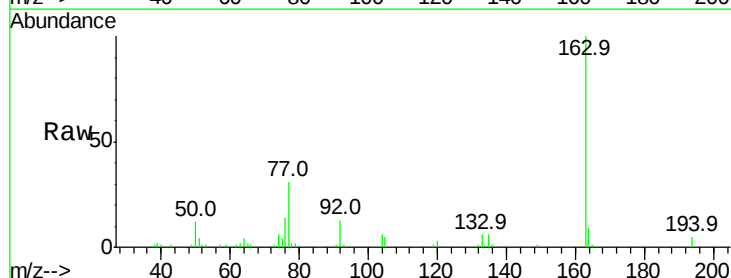


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

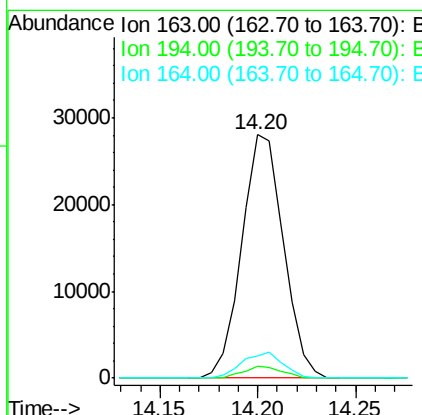
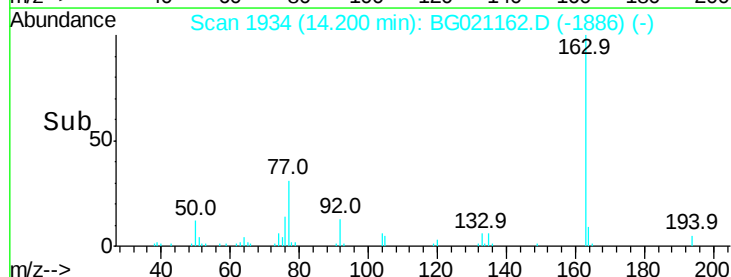


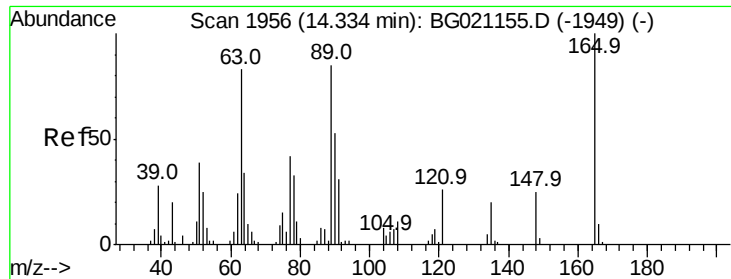
#49
 Dimethylphthalate
 Concen: 16.72 ng
 RT: 14.20 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

Tgt Ion:163 Resp: 41447
 Ion Ratio Lower Upper
 163 100
 194 5.0 2.8 4.2#
 164 9.2 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: 0.71 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.13 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

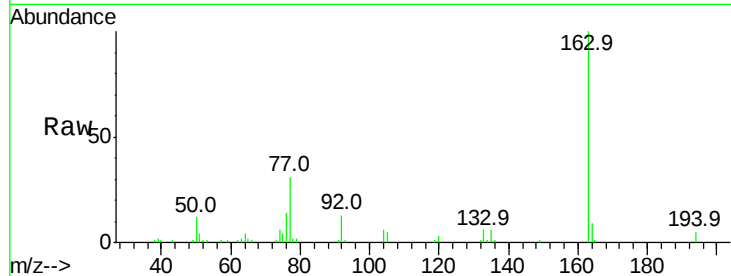
Tot Ion:165 Resp: 370

Ion Ratio Lower Upper

165 100

63 194.3 42.1 63.1#

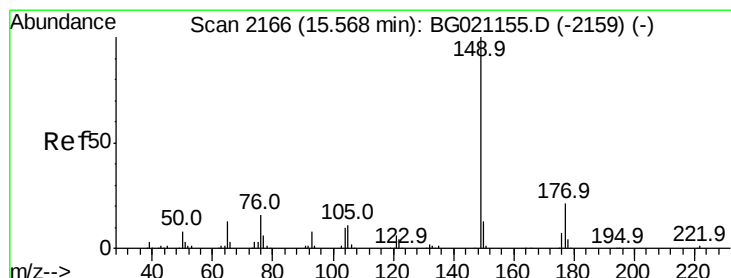
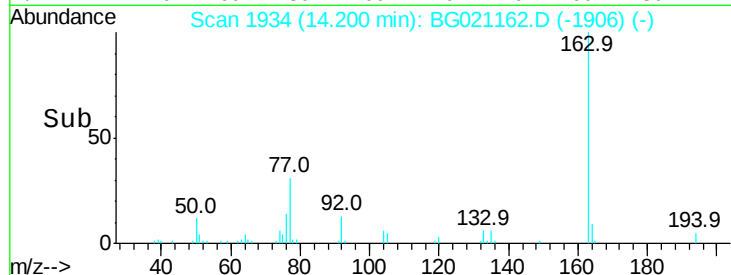
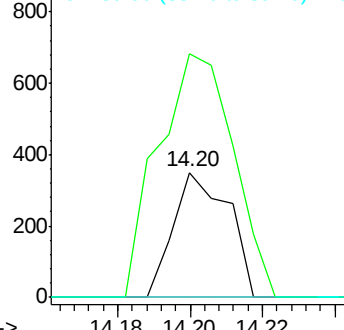
89 0.0 46.1 69.1#



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



#59

Diethylphthalate

Concen: 0.02 ng

RT: 15.56 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

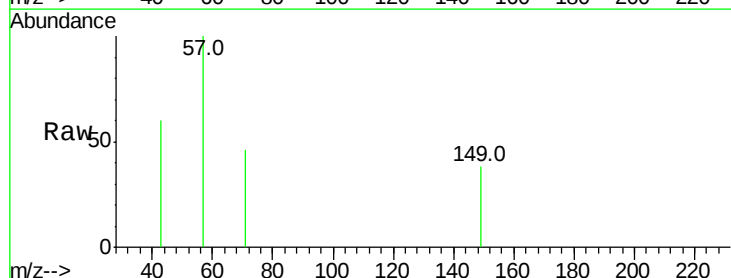
Tgt Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

177 0.0 15.8 23.8#

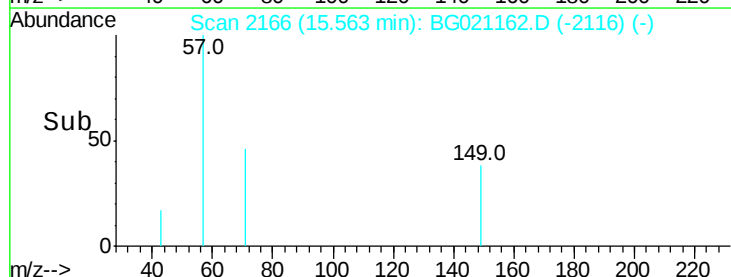
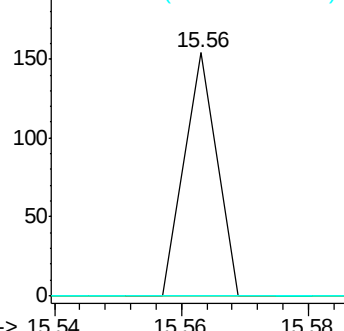
150 0.0 10.1 15.1#

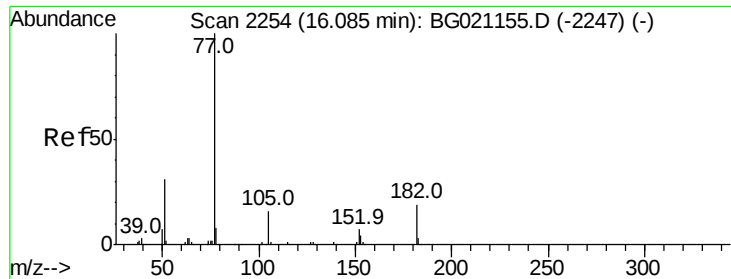


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.17 ng

RT: 16.24 min Scan# 2281

Delta R.T. 0.15 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

Tot Ion: 77 Resp: 509

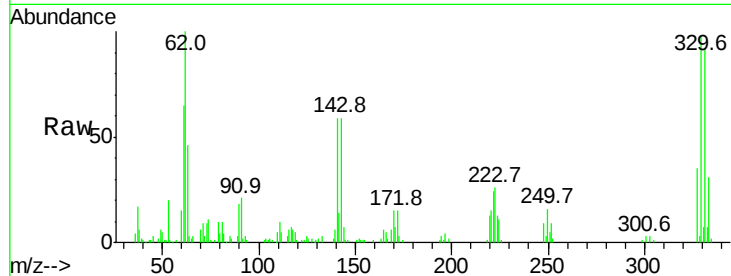
Ion Ratio Lower Upper

77 100

182 0.0 0.7 40.7#

105 110.8 0.0 38.3#

51 53.5 4.4 44.4#

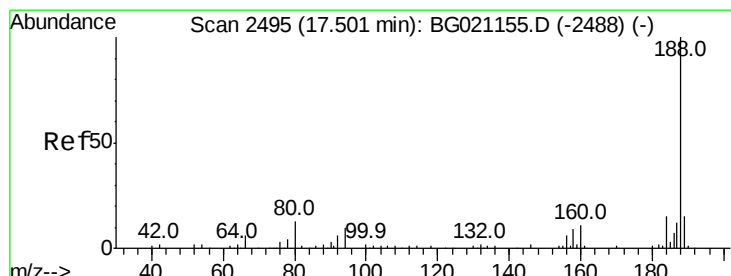
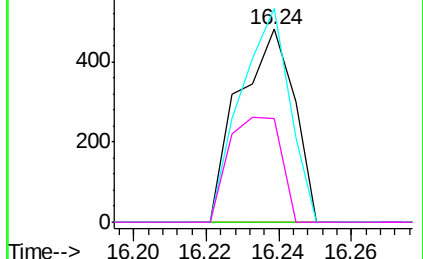
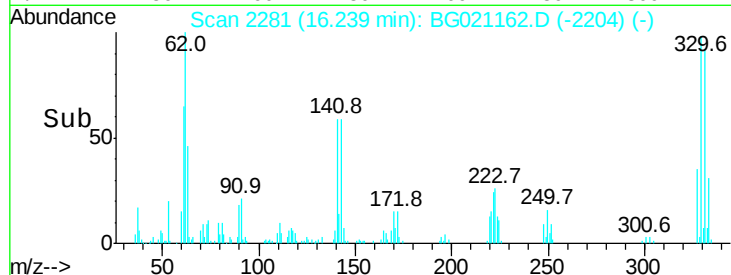


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

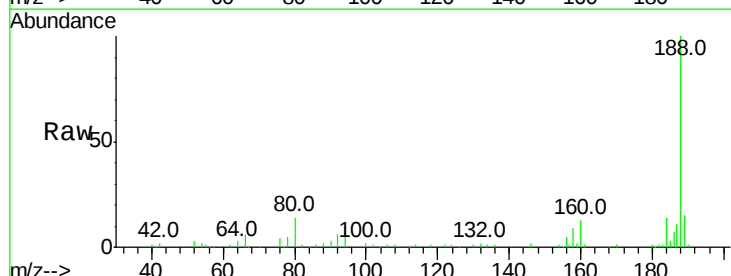
Tgt Ion: 188 Resp: 73886

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

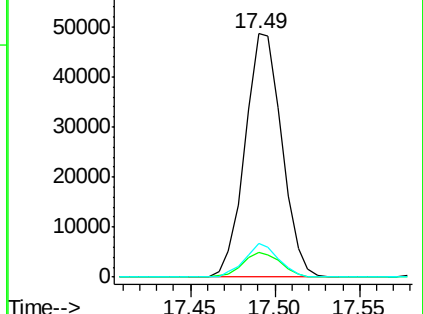
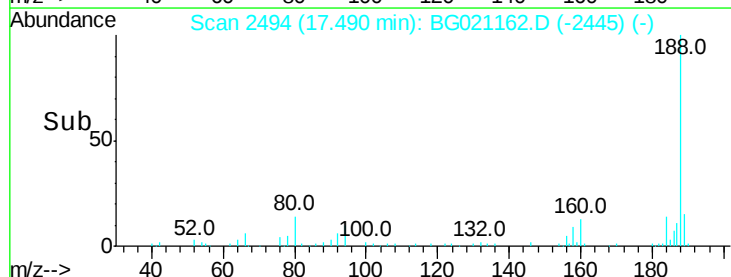
80 13.9 9.2 13.8#

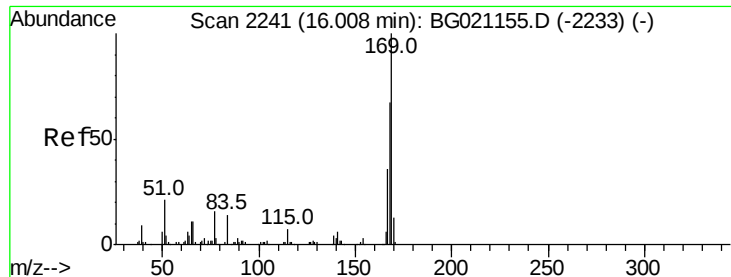


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

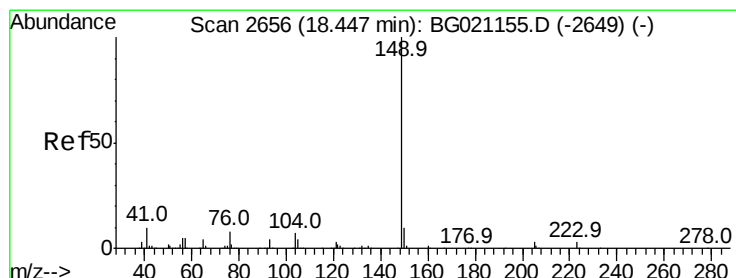
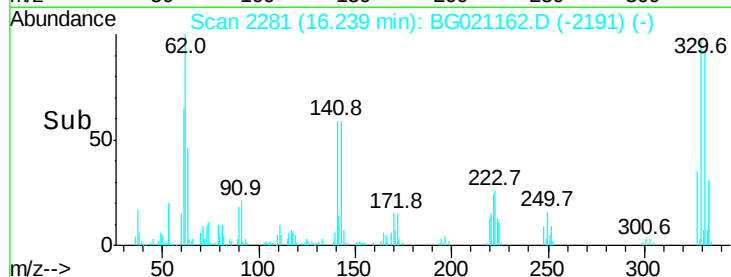
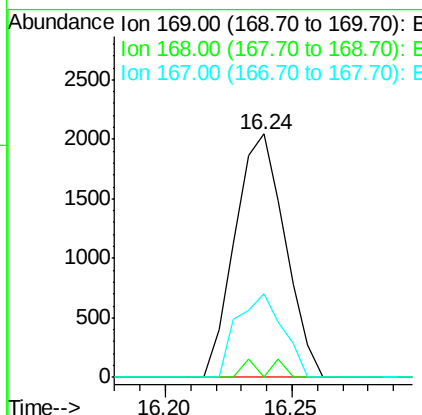
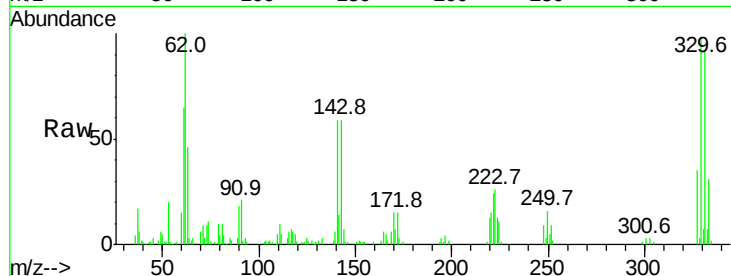




#65
n-Nitrosodiphenylamine
Concen: 1.24 ng
RT: 16.24 min Scan# 2281
Delta R.T. 0.23 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

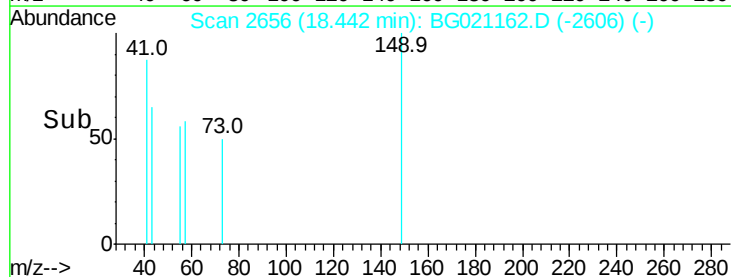
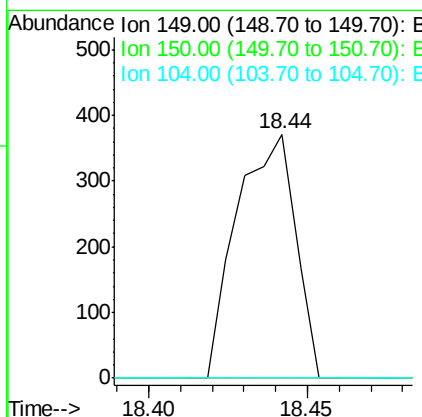
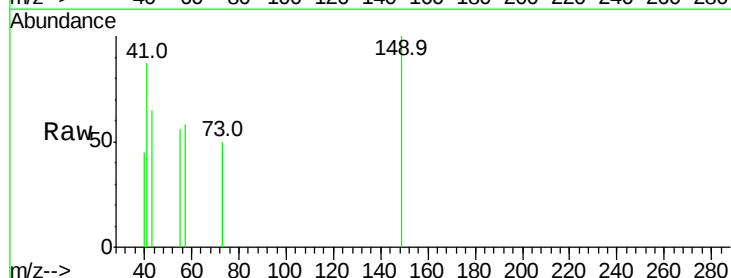
Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224

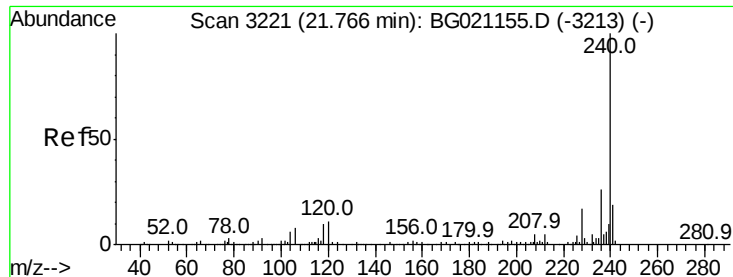
Tot Ion:169 Resp: 2813
Ion Ratio Lower Upper
169 100
168 0.0 58.2 87.2#
167 34.1 31.0 46.6



#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

Tgt Ion:149 Resp: 475
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 4.1 6.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

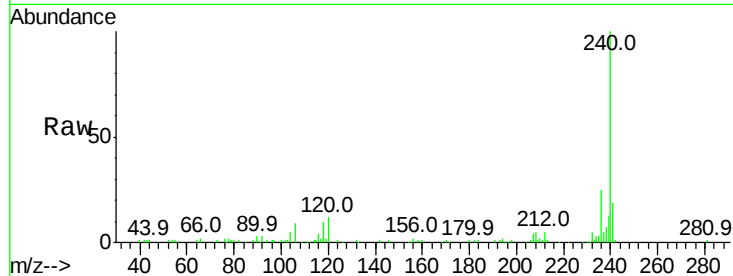
Tot Ion:240 Resp: 74486

Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

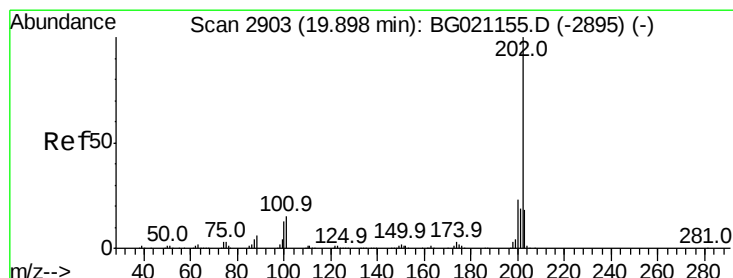
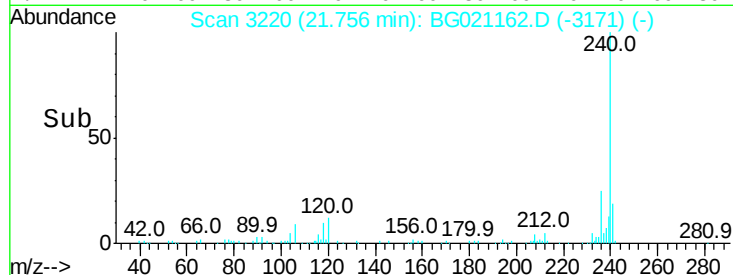
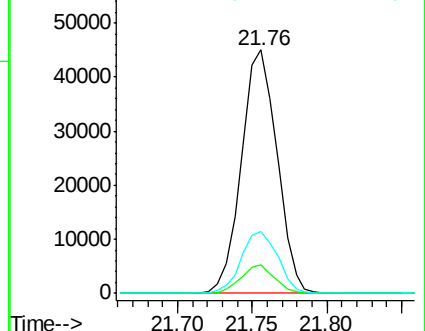
236 25.2 20.5 30.7



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



#77

Pyrene

Concen: 0.29 ng

RT: 20.08 min Scan# 2935

Delta R.T. 0.18 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

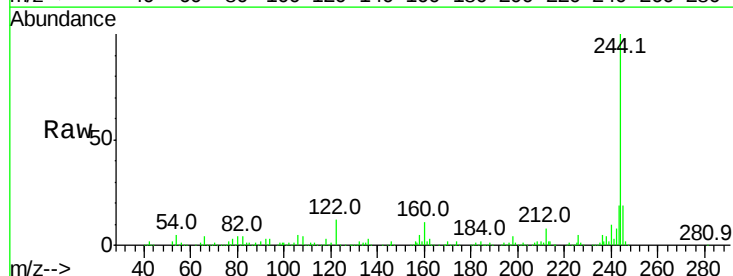
Tgt Ion:202 Resp: 1282

Ion Ratio Lower Upper

202 100

200 54.2 16.6 25.0#

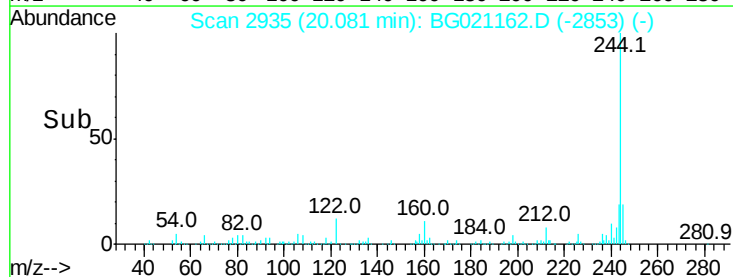
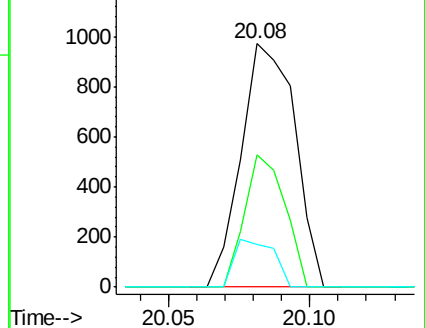
203 17.6 13.8 20.8

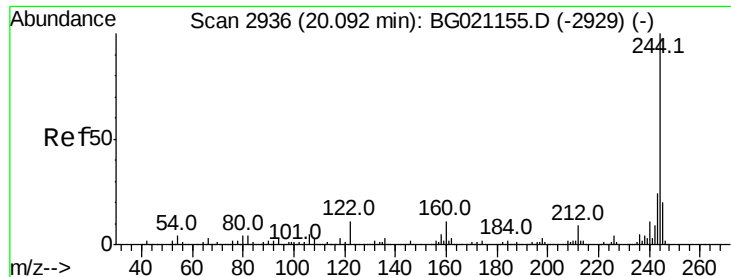


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.62 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

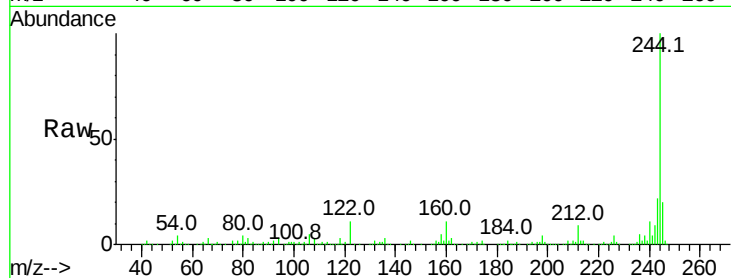
Tot Ion:244 Resp: 287859

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

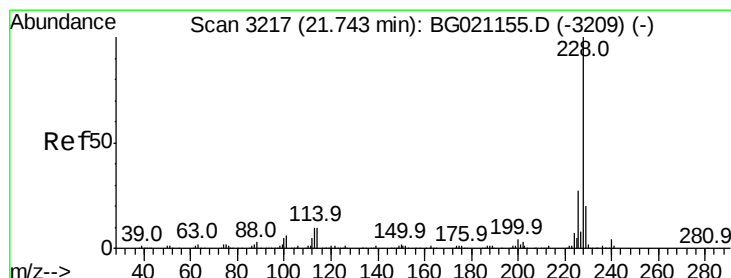
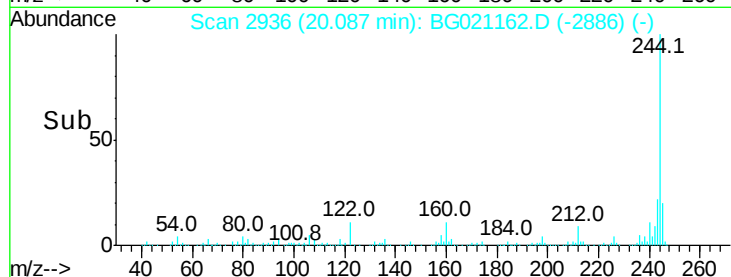
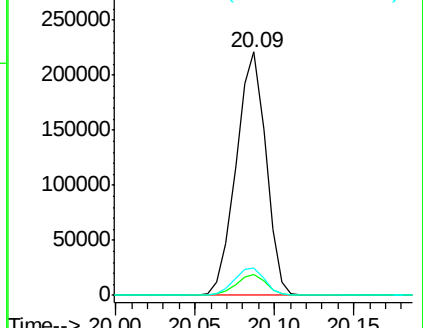
122 11.3 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

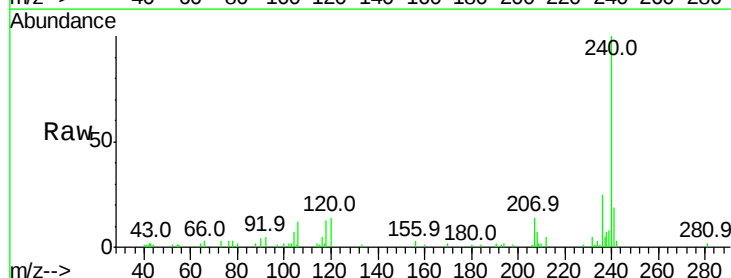
Tgt Ion:228 Resp: 68

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

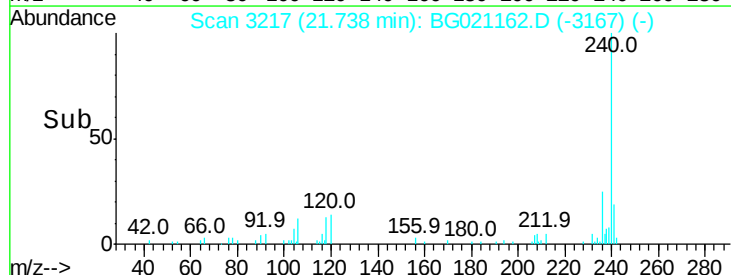
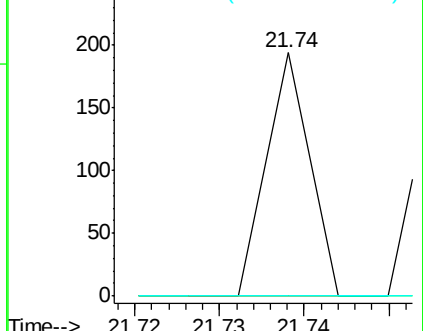
229 0.0 15.5 23.3#

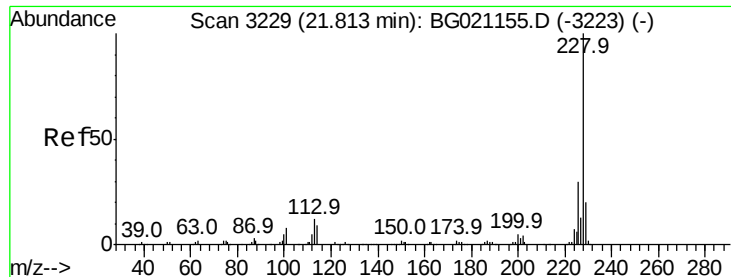


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.03 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.06 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

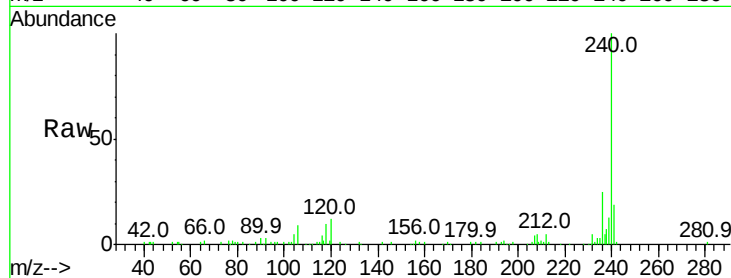
Tot Ion:228 Resp: 127

Ion Ratio Lower Upper

228 100

226 0.0 23.7 35.5#

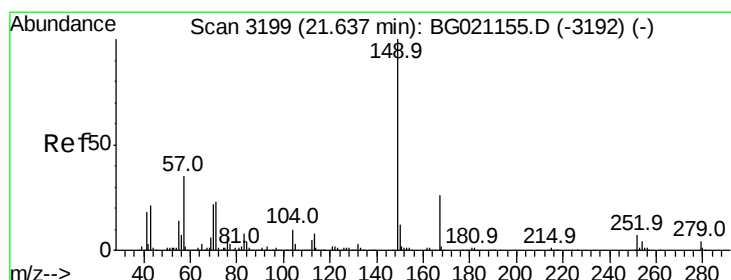
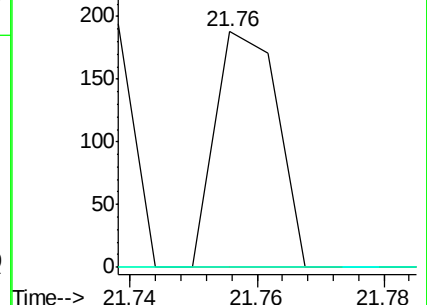
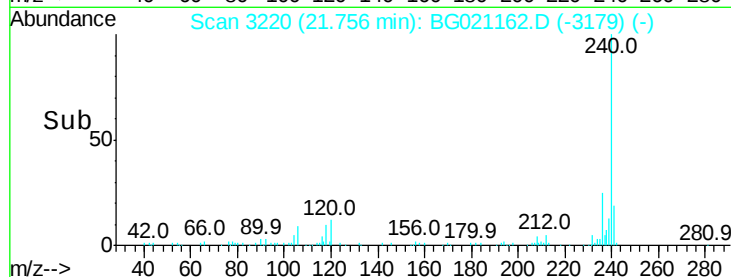
229 0.0 16.7 25.1#



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: 0.20 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG021162.D

Acq: 29 Feb 2016 19:34

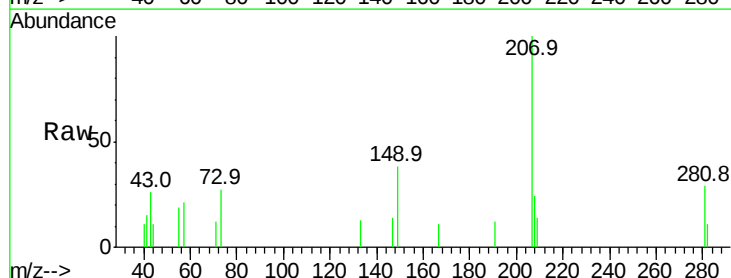
Tgt Ion:149 Resp: 650

Ion Ratio Lower Upper

149 100

167 28.3 18.9 28.3

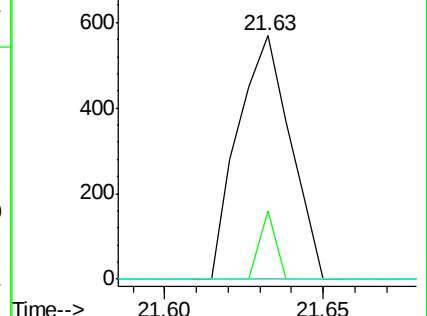
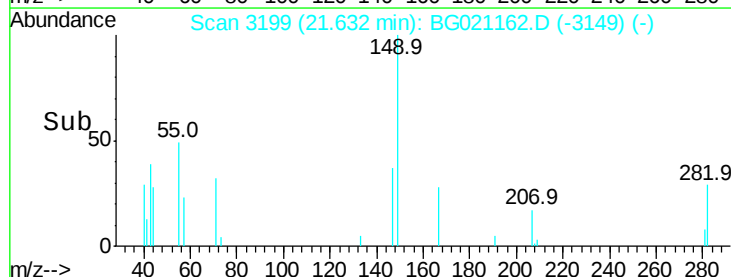
279 0.0 3.0 4.6#

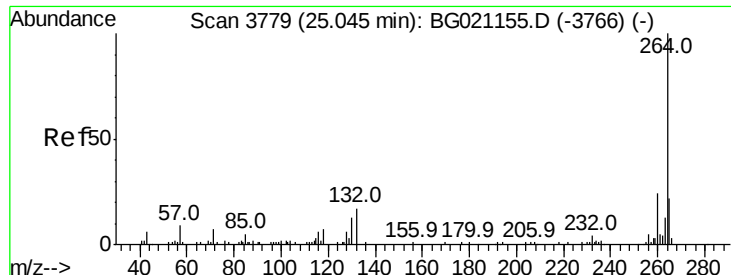


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

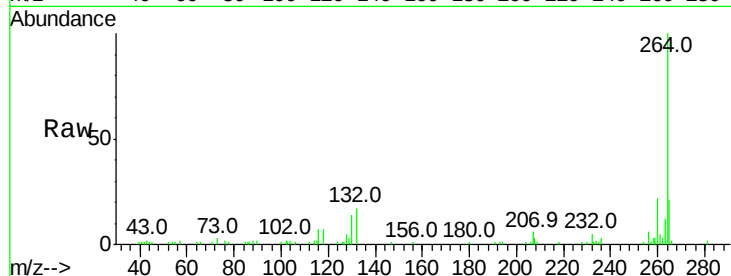




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

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

Tot Ion:264 Resp: 68284
Ion Ratio Lower Upper
264 100
260 22.4 18.5 27.7
265 21.3 18.6 28.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

