

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: Mar 01 06:21:26 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

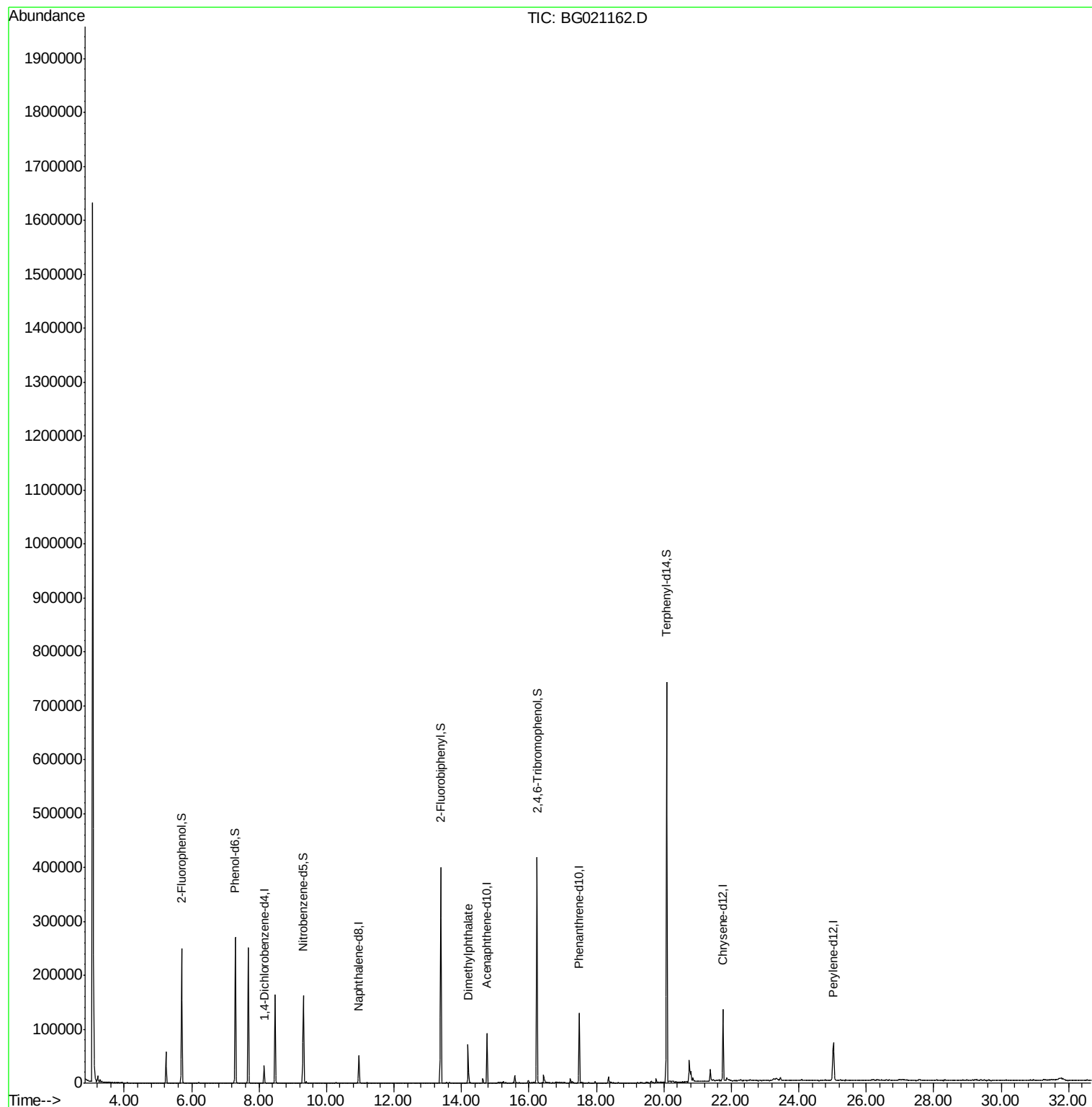
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	8639	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	41732	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	27812	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	73886	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	74486	20.00	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
49) Dimethylphthalate	14.20	163	41447	16.72	ng	# 98

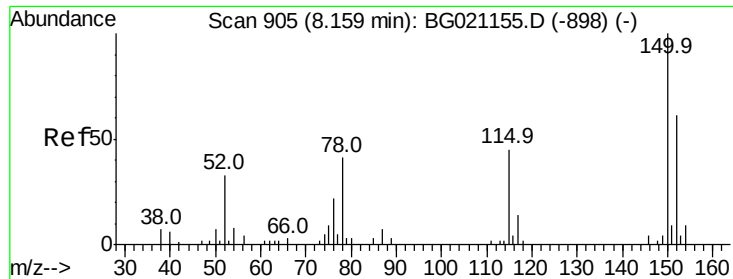
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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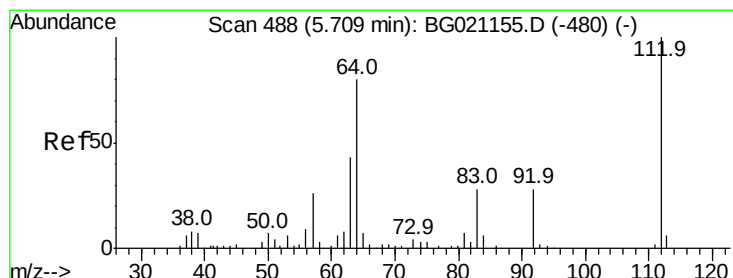
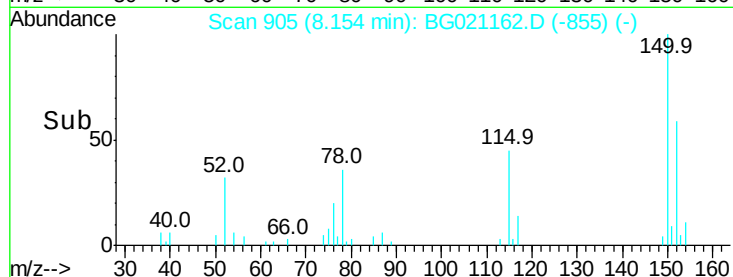
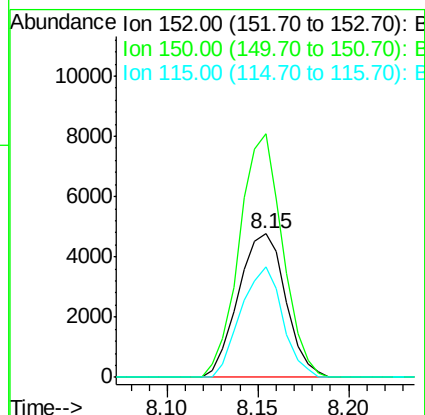
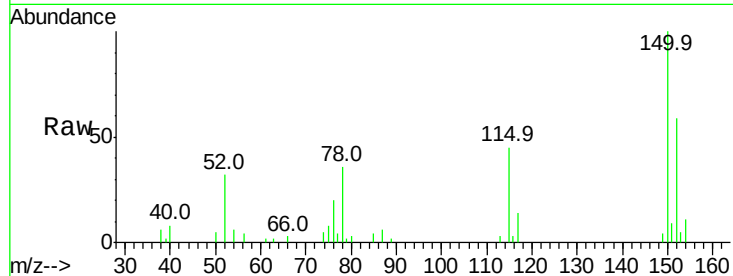


#1

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

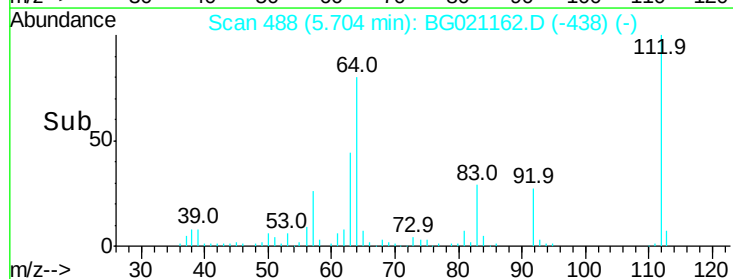
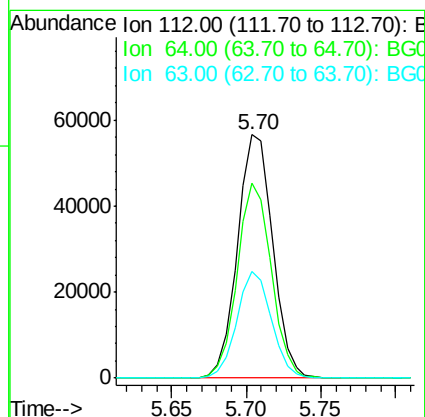
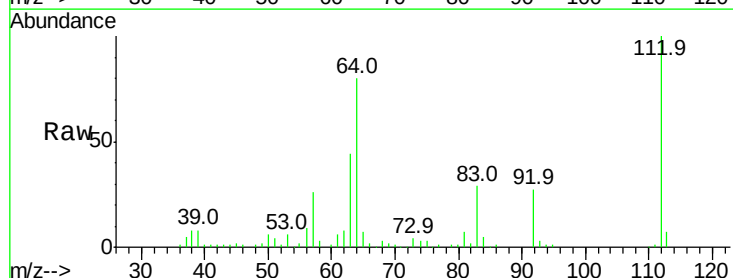
Tot Ion:152 Resp: 8639
Ion Ratio Lower Upper
152 100
150 169.9 123.4 185.2
115 76.8 43.3 64.9#

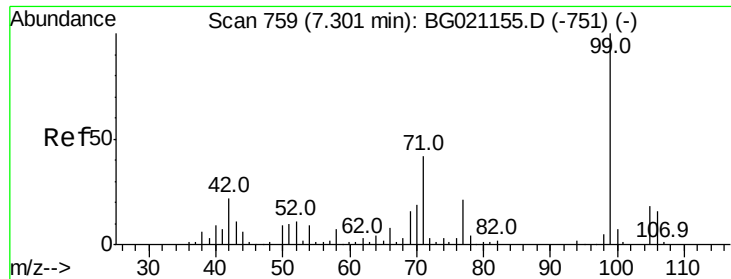


#5

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

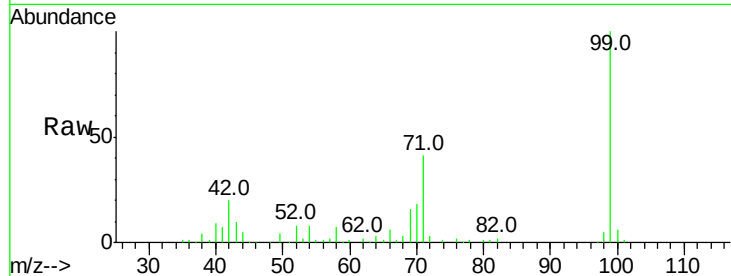
Tot Ion: 99 Resp: 150341

Ion Ratio Lower Upper

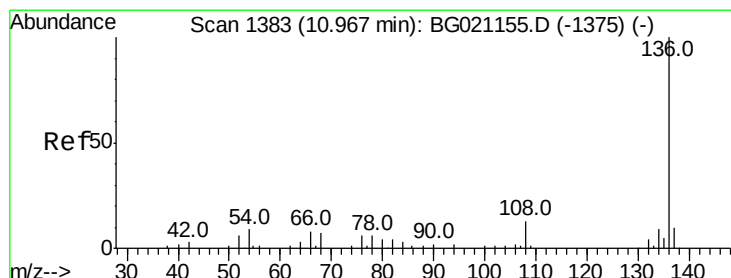
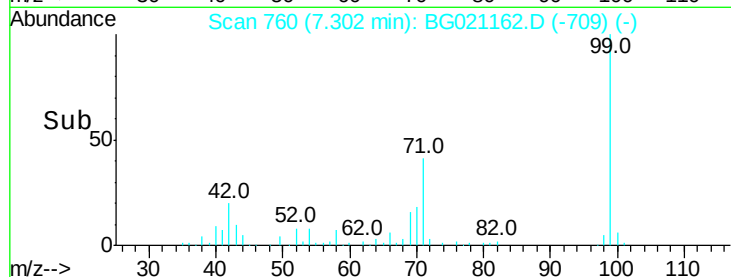
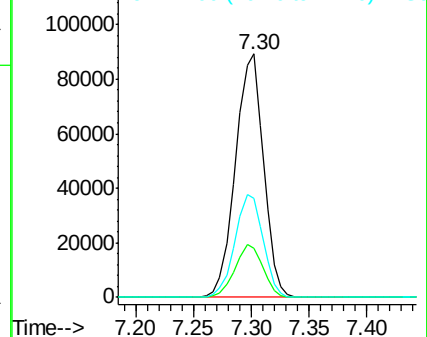
99 100

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



#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

Tgt Ion: 136 Resp: 41732

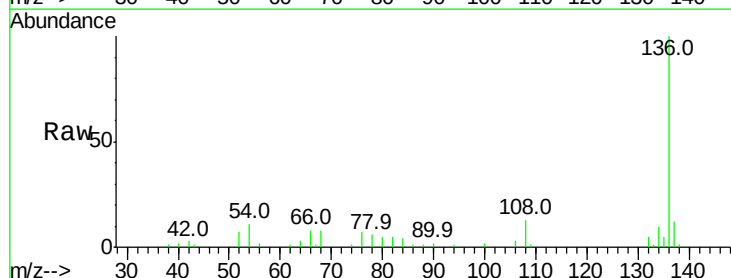
Ion Ratio Lower Upper

136 100

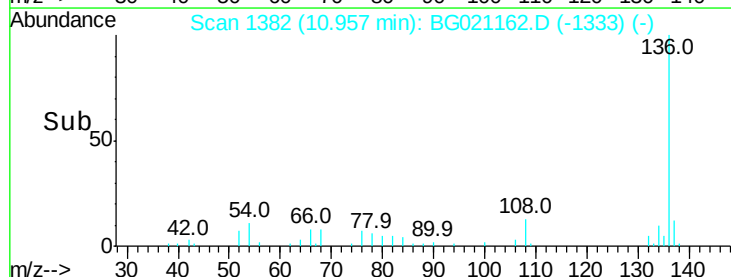
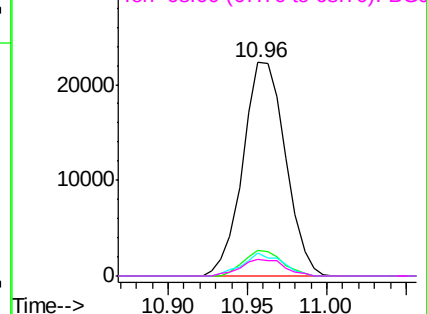
137 12.1 8.8 13.2

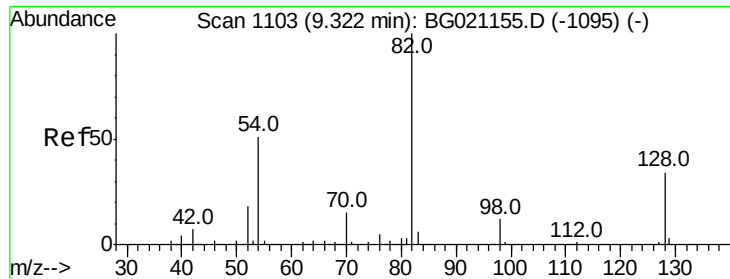
54 10.9 6.9 10.3#

68 7.7 5.8 8.6



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

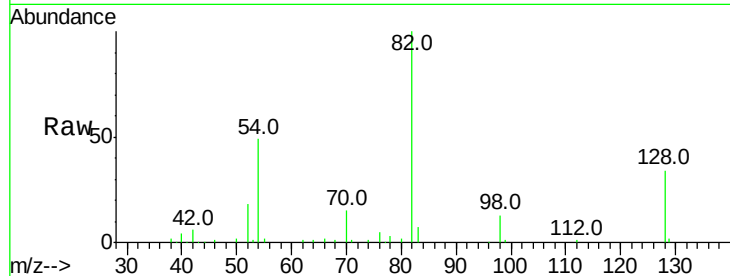




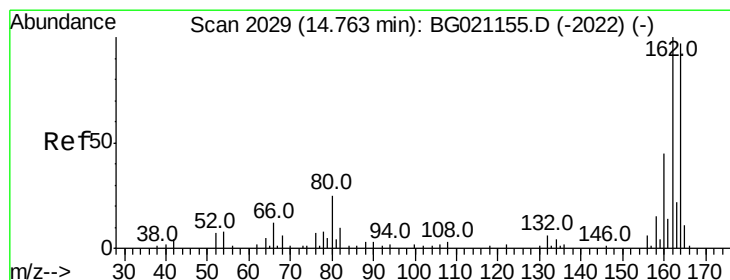
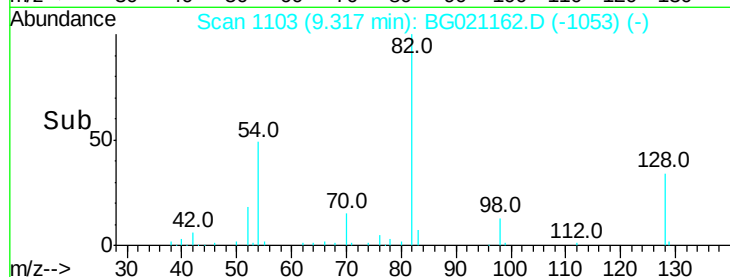
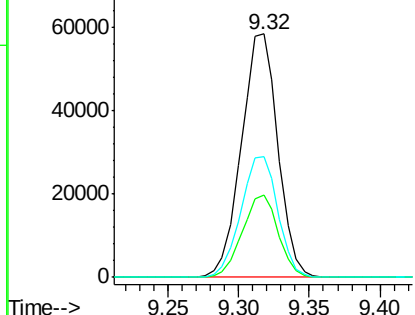
#23
Nitrobenzene-d5
Concen: 107.23 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

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

Tot Ion	82	Resp	105756
Ion Ratio	100		
Lower	36.3		
Upper	54.5#		
54	49.4	37.6	56.4

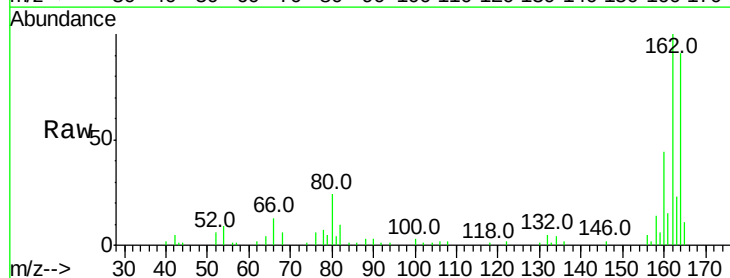


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

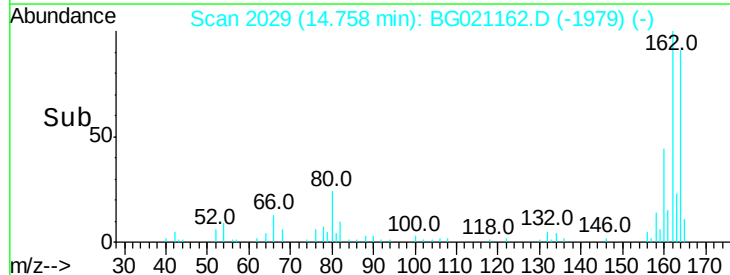
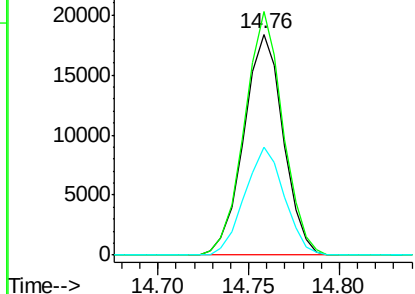


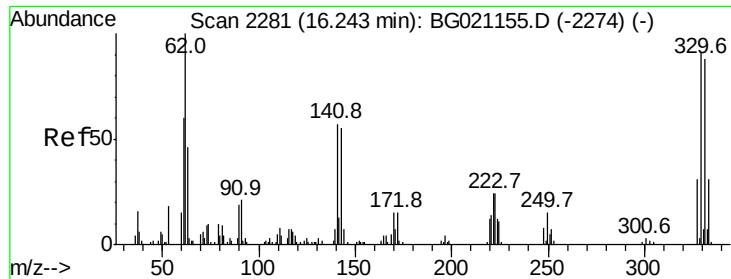
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021162.D
Acq: 29 Feb 2016 19:34

Tgt Ion	164	Resp	27812
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	110.3	36.5	54.7
160	48.7		



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

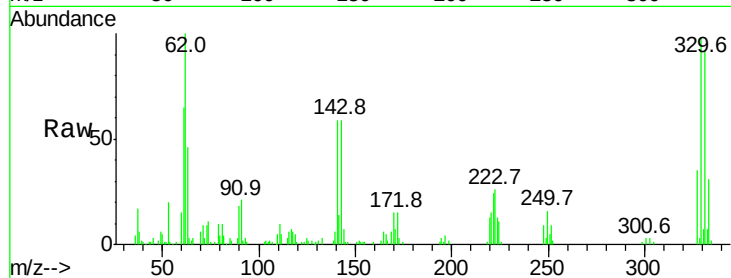




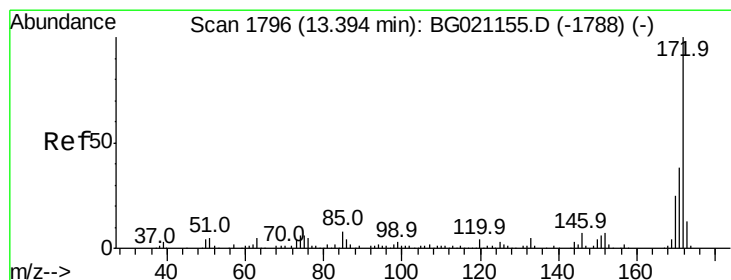
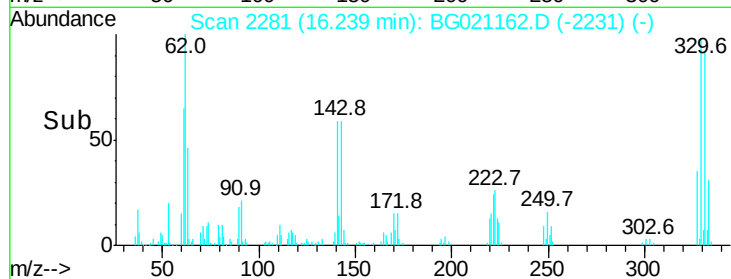
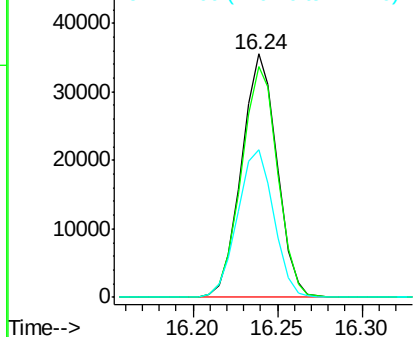
#41
 2,4,6-Tribromophenol
 Concen: 179.17 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

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#

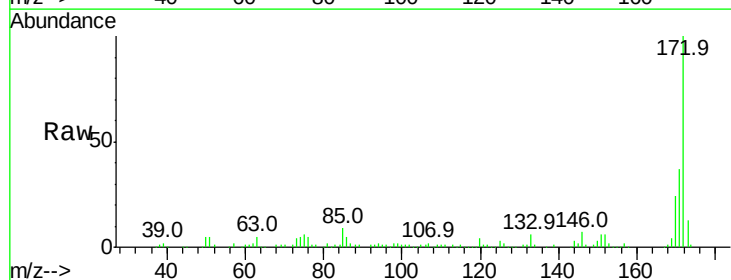


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

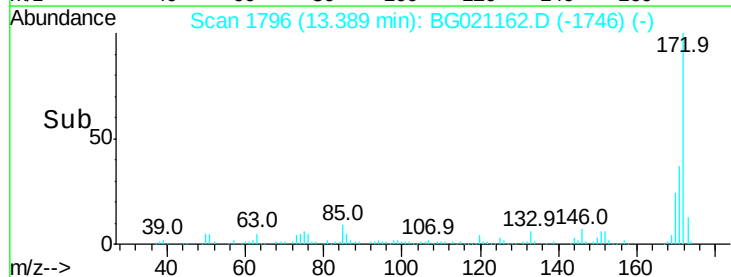
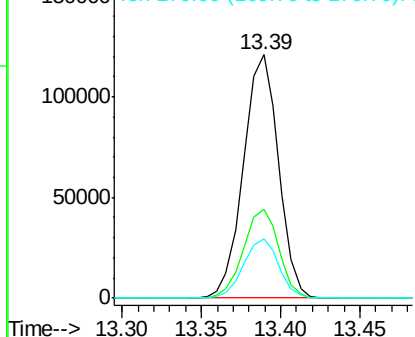


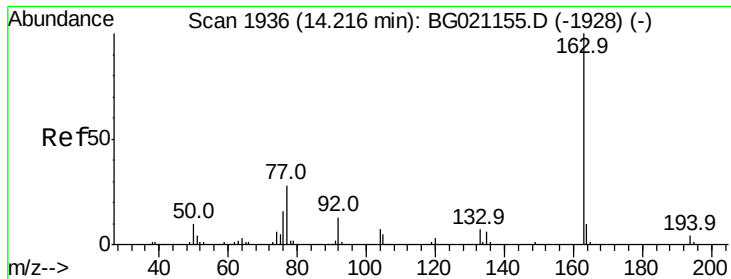
#44
 2-Fluorobiphenyl
 Concen: 94.73 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

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





#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

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224

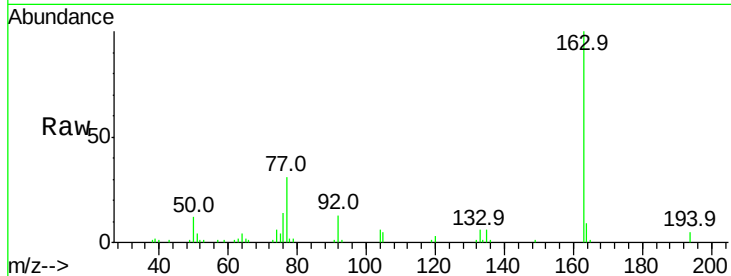
Tot Ion:163 Resp: 41447

Ion Ratio Lower Upper

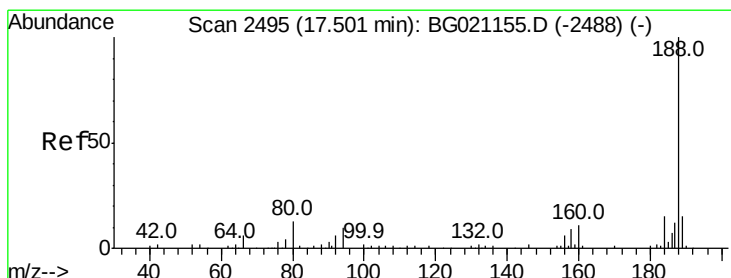
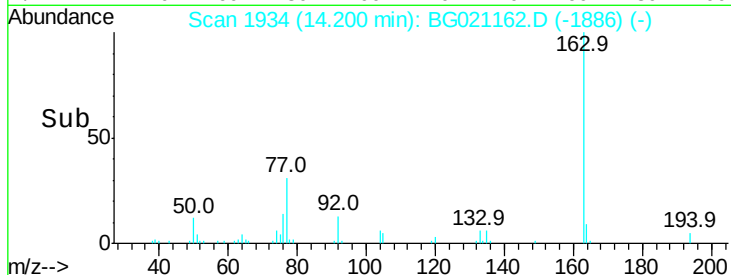
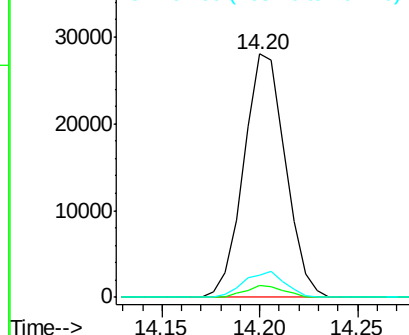
163 100

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



#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

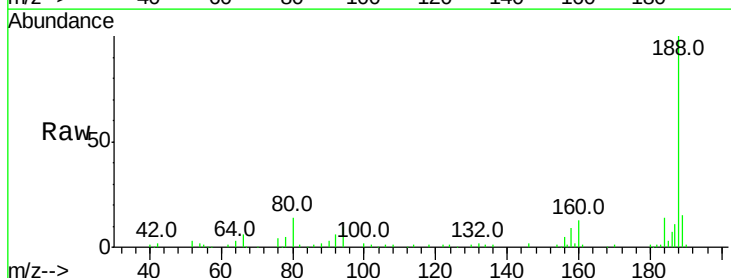
Tgt Ion:188 Resp: 73886

Ion Ratio Lower Upper

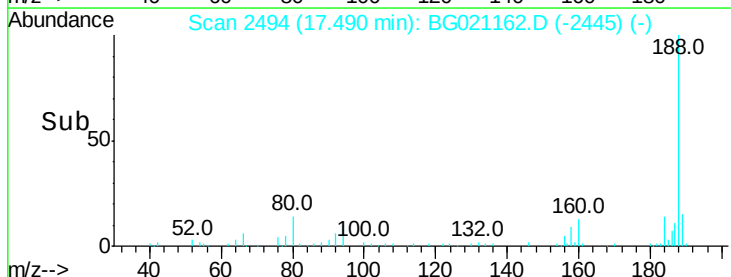
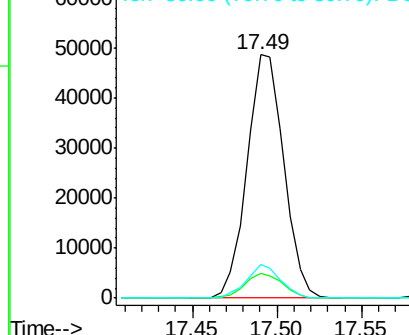
188 100

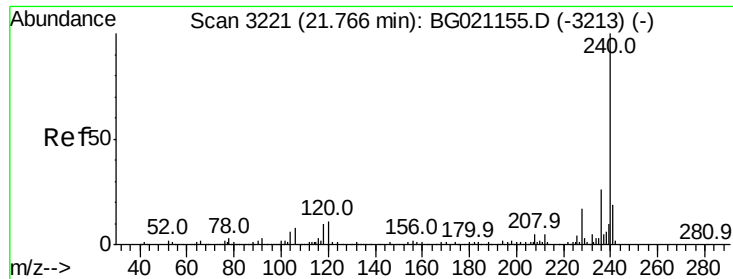
94 10.2 8.2 12.4

80 13.9 9.2 13.8#



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





#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

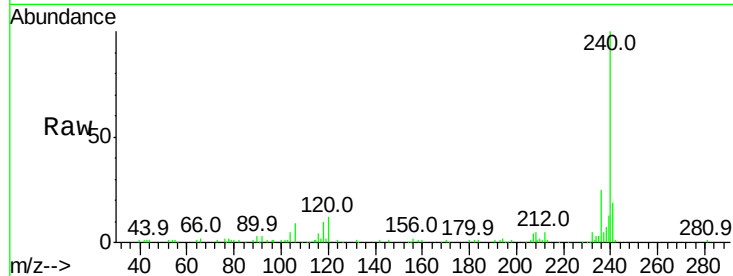
Tot Ion:240 Resp: 74486

Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

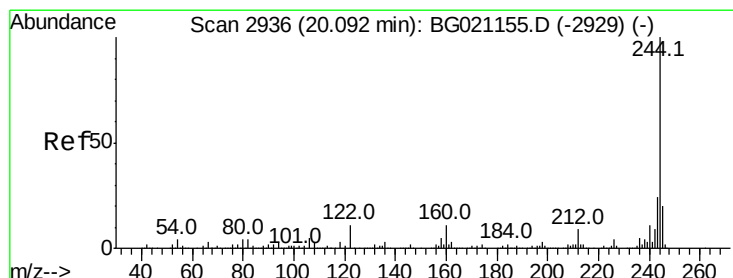
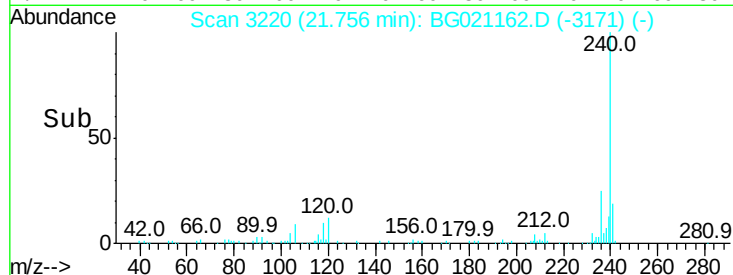
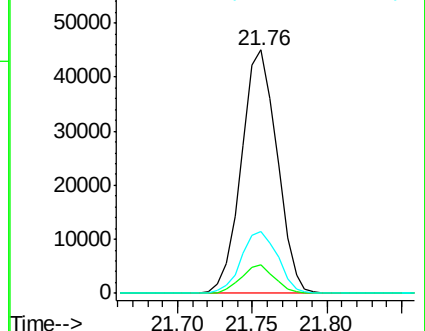
236 25.2 20.5 30.7



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



#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

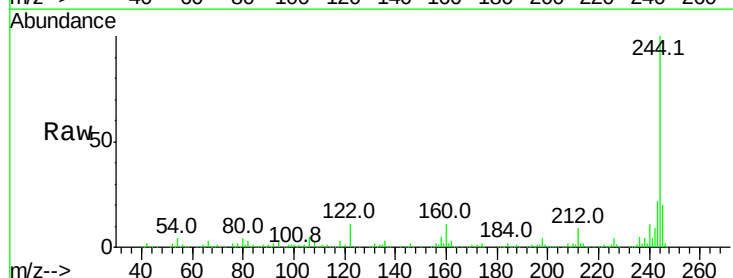
Tgt Ion:244 Resp: 287859

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

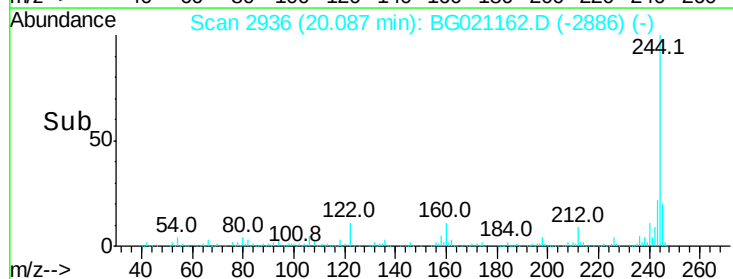
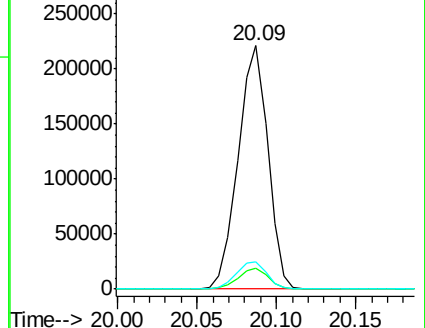
122 11.3 8.3 12.5

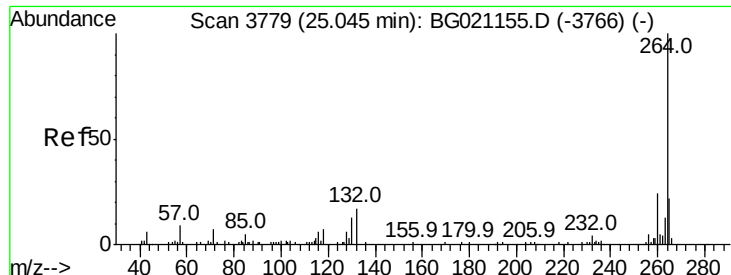


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

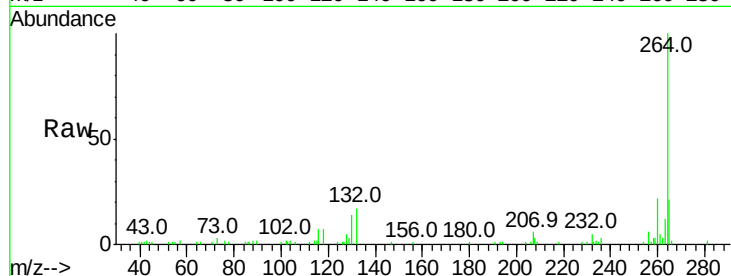




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.02 min
 Lab File: BG021162.D
 Acq: 29 Feb 2016 19:34

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

Tot Ion	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

