

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021117.D
 Acq On : 27 Feb 2016 16:25
 Operator : UM/SJ
 Sample : H1578-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2-20160224

Quant Time: Feb 29 01:35:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6100	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	28256	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	18177	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	49139	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	56738	20.00	ng	-0.02
86) Perylene-d12	25.05	264	51490	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	21265	61.03	ng	-0.01
7) Phenol-d6	7.30	99	19928	38.44	ng	-0.02
23) Nitrobenzene-d5	9.33	82	61243	103.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	35946	150.83	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	130801	92.08	ng	-0.01
78) Terphenyl-d14	20.10	244	235641	97.06	ng	-0.01

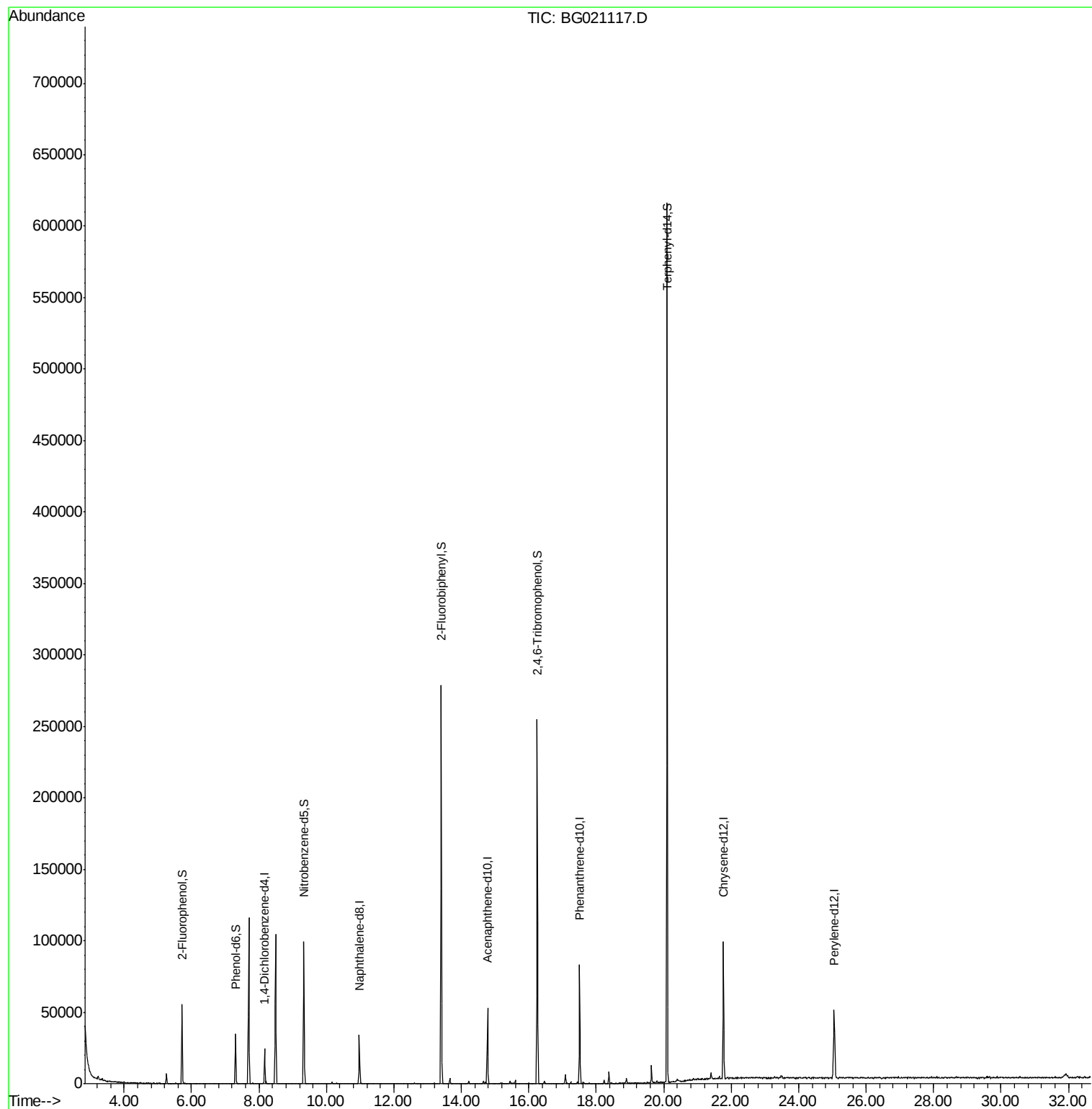
Target Compounds Qvalue

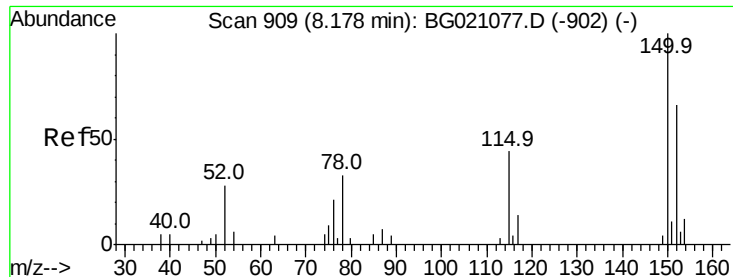
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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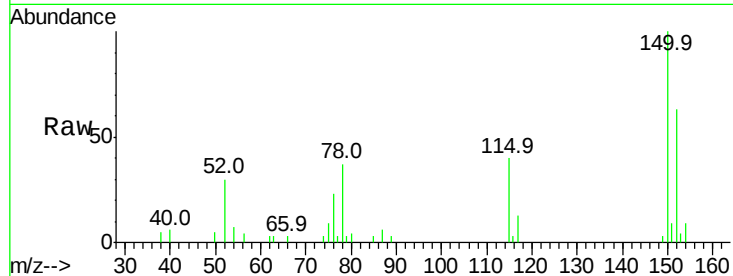


#1

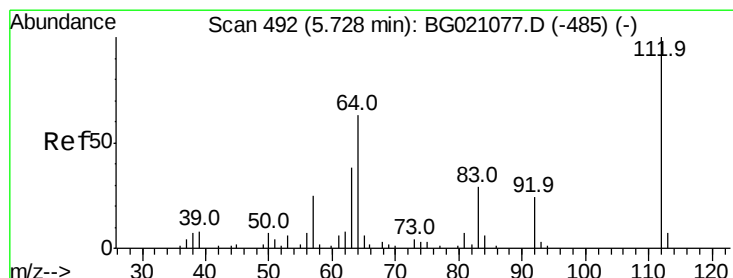
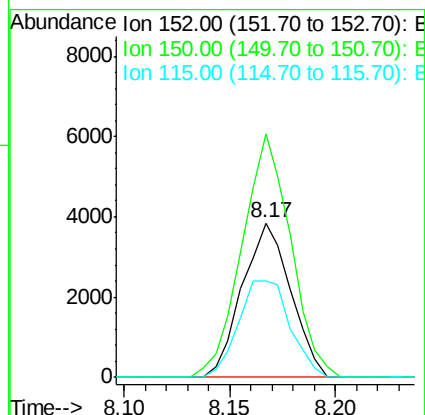
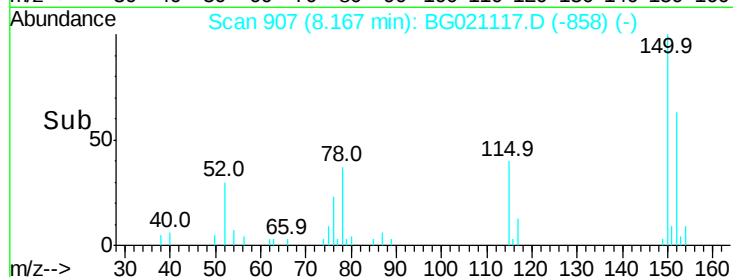
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021117.D
Acq: 27 Feb 2016 16:25

Instrument :
BNA_G
ClientSampleId :
CEB-2-20160224

Tot Ion:152 Resp: 6100
Ion Ratio Lower Upper
152 100
150 157.8 123.4 185.2
115 62.5 43.3 64.9



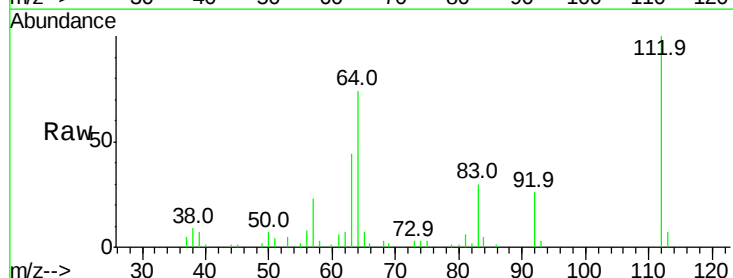
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



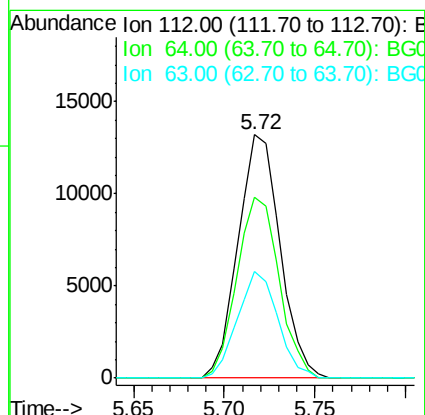
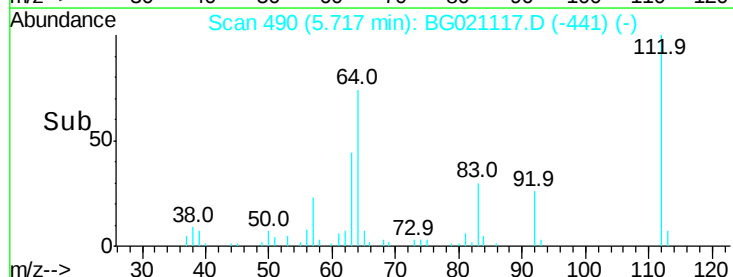
#5

2-Fluorophenol
Concen: 61.03 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021117.D
Acq: 27 Feb 2016 16:25

Tgt Ion:112 Resp: 21265
Ion Ratio Lower Upper
112 100
64 74.1 42.6 63.8#
63 43.6 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.44 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.02 min

Lab File: BG021117.D

Acq: 27 Feb 2016 16:25

Instrument :

BNA_G

ClientSampleId :

CEB-2-20160224

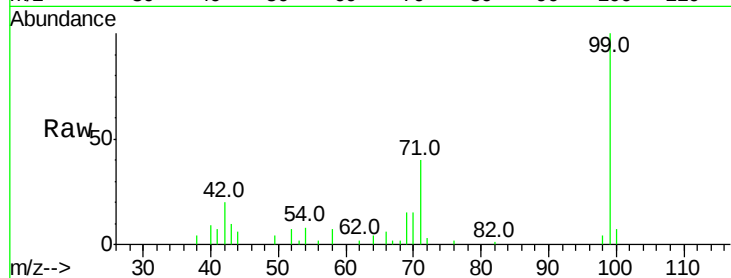
Tot Ion: 99 Resp: 19928

Ion Ratio Lower Upper

99 100

42 20.0 13.2 19.8#

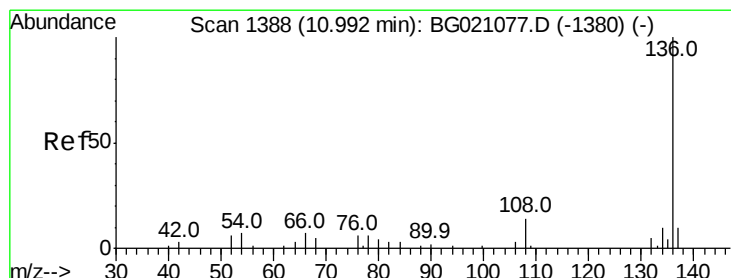
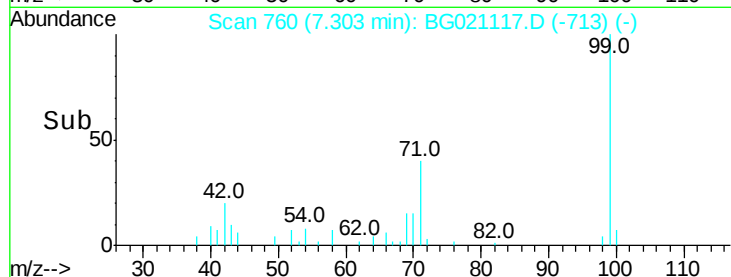
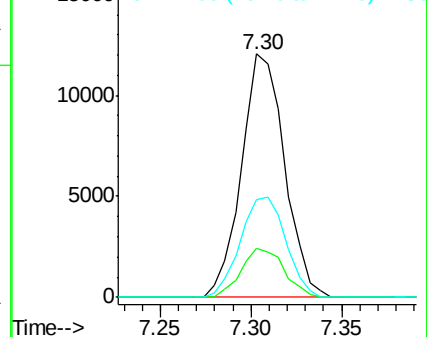
71 40.1 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021117.D

Acq: 27 Feb 2016 16:25

Tgt Ion: 136 Resp: 28256

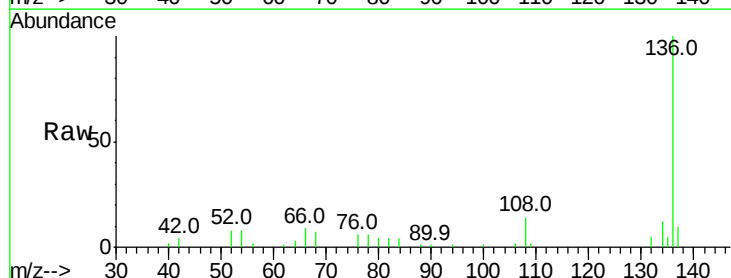
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.4 6.9 10.3

68 6.9 5.8 8.6

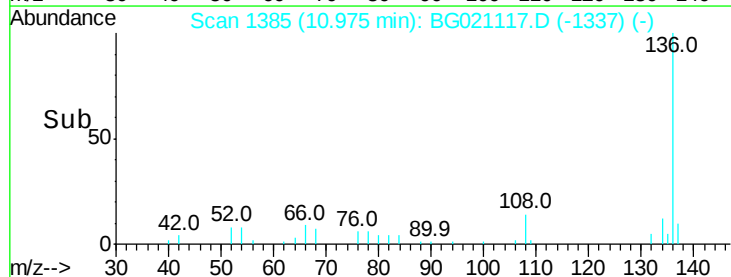
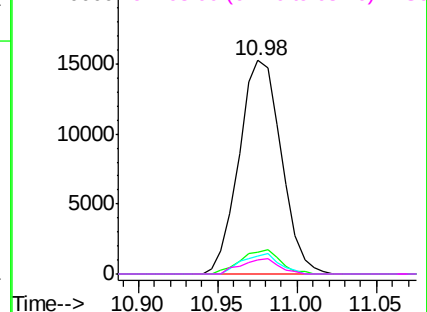


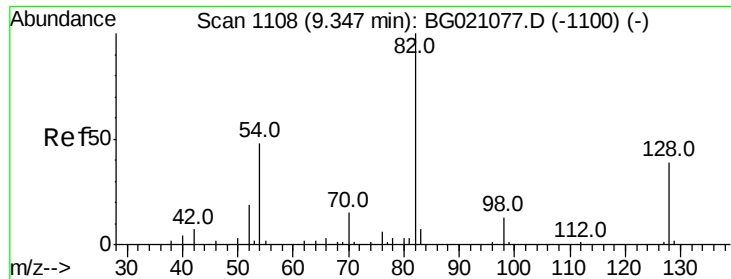
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

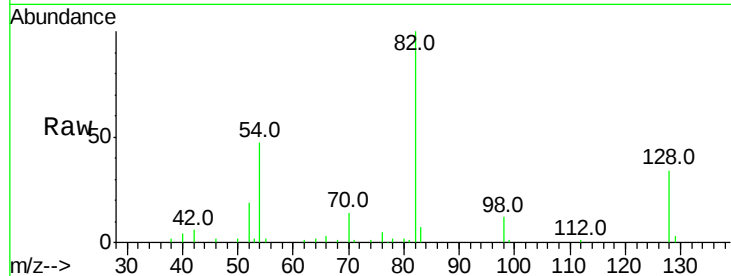




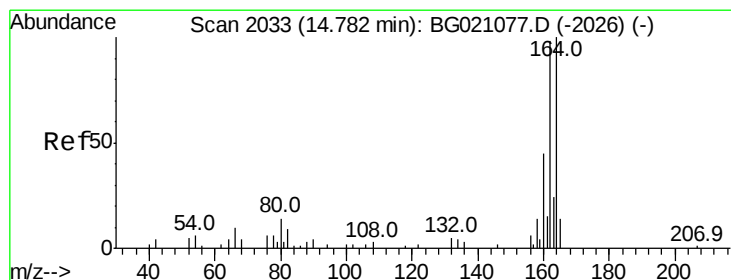
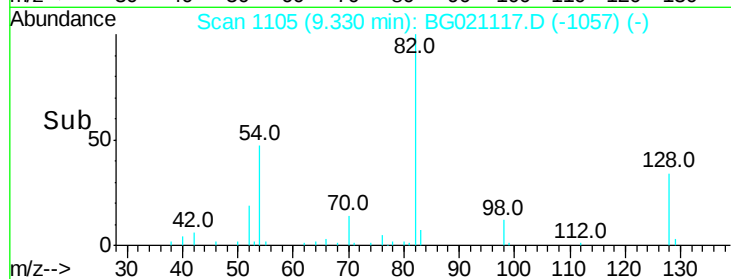
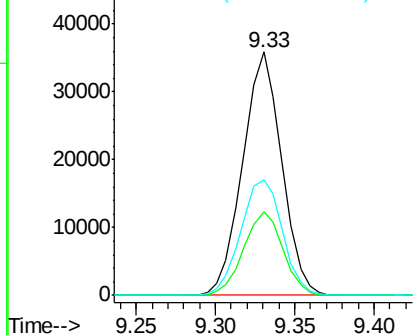
#23
 Nitrobenzene-d5
 Concen: 103.27 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021117.D
 Acq: 27 Feb 2016 16:25

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2-20160224

Tot Ion: 82 Resp: 61243
 Ion Ratio Lower Upper
 82 100
 128 34.2 36.3 54.5#
 54 47.3 37.6 56.4

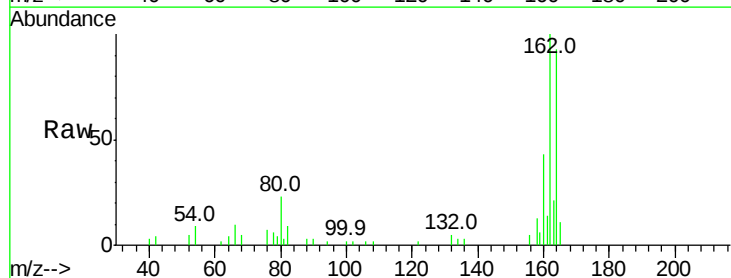


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

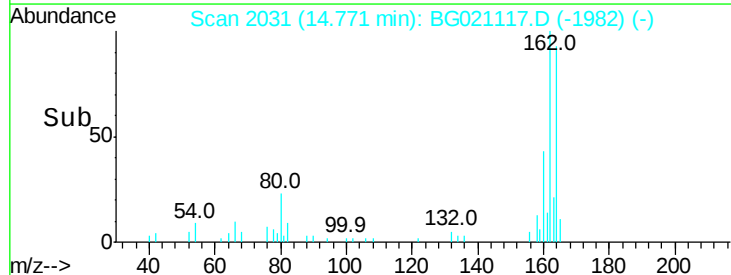
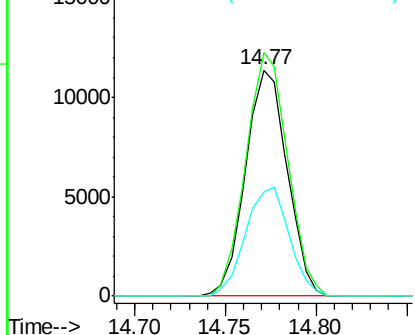


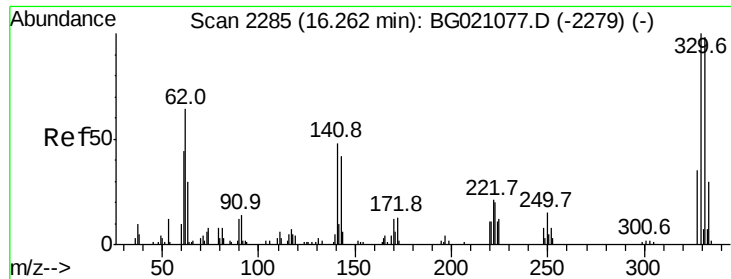
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021117.D
 Acq: 27 Feb 2016 16:25

Tgt Ion:164 Resp: 18177
 Ion Ratio Lower Upper
 164 100
 162 107.7 80.6 120.8
 160 46.1 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

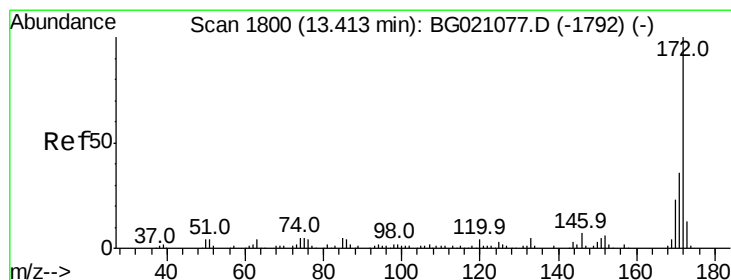
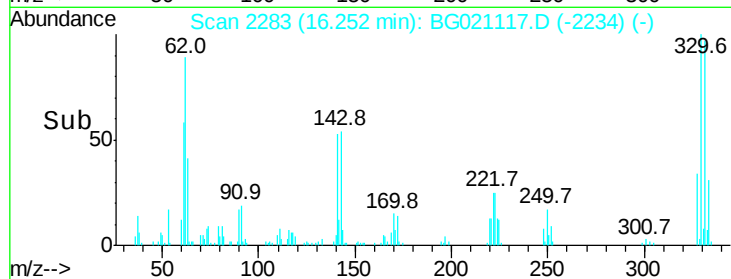
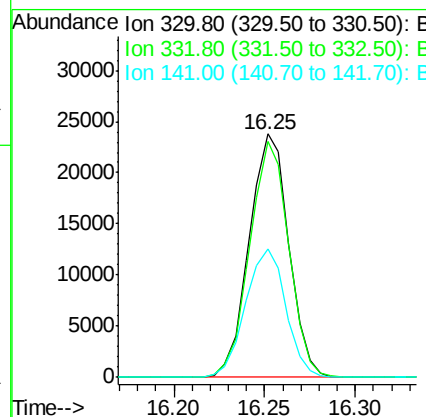
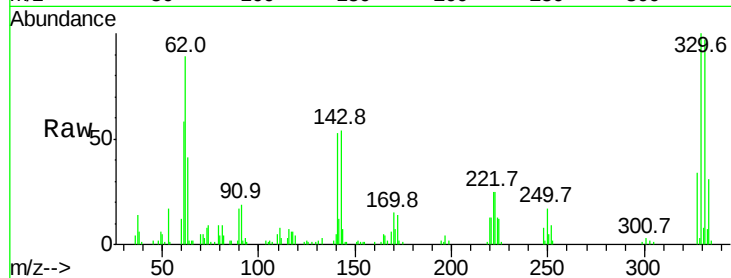




#41
 2,4,6-Tribromophenol
 Concen: 150.83 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021117.D
 Acq: 27 Feb 2016 16:25

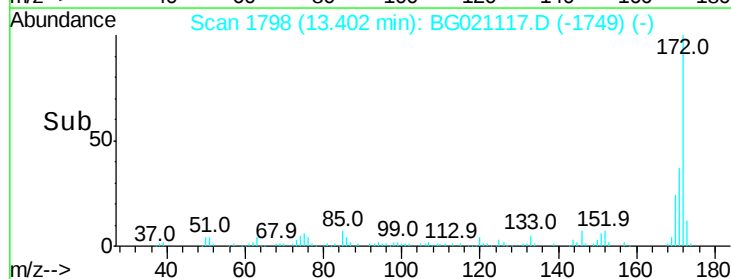
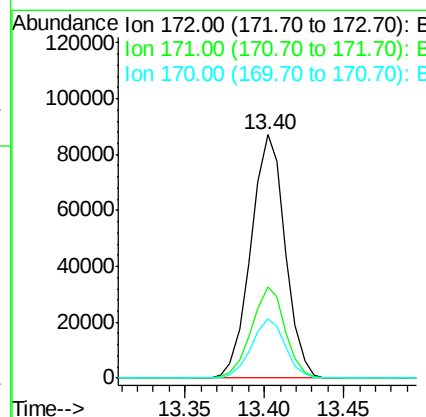
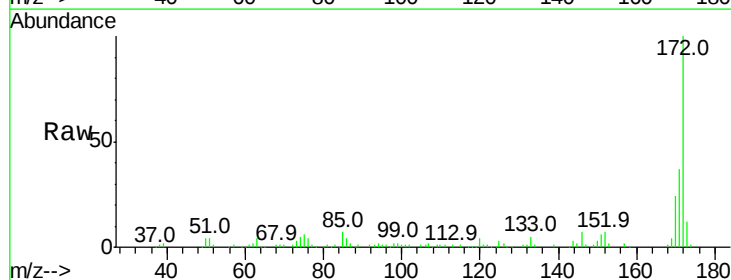
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2-20160224

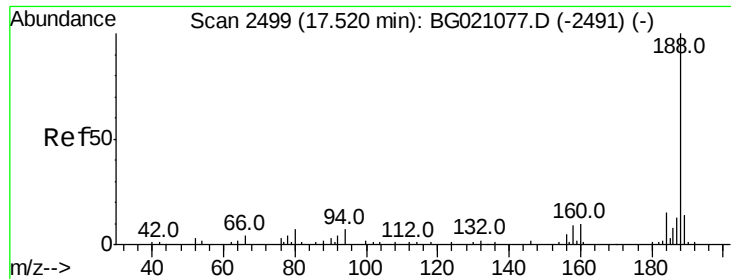
Tot Ion:330 Resp: 35946
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 53.8 35.3 52.9#



#44
 2-Fluorobiphenyl
 Concen: 92.08 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021117.D
 Acq: 27 Feb 2016 16:25

Tgt Ion:172 Resp: 130801
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 24.4 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021117.D

Acq: 27 Feb 2016 16:25

Instrument :

BNA_G

ClientSampleId :

CEB-2-20160224

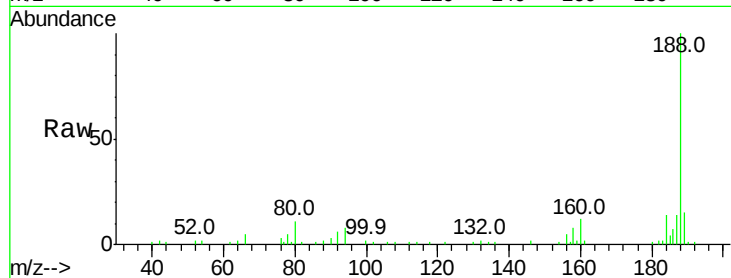
Tot Ion:188 Resp: 49139

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

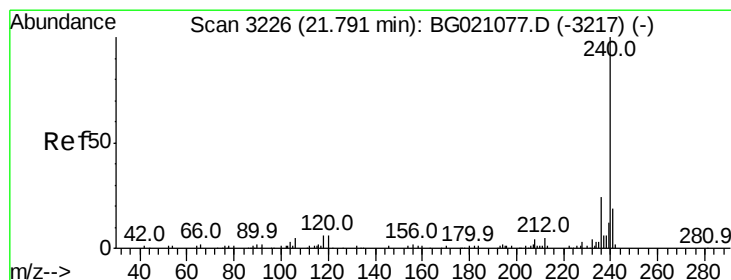
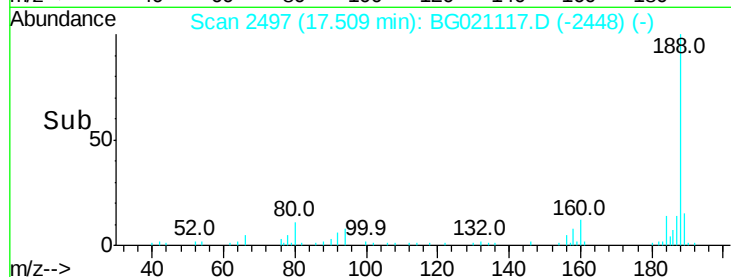
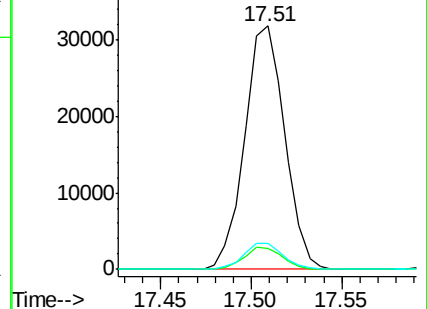
80 10.6 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021117.D

Acq: 27 Feb 2016 16:25

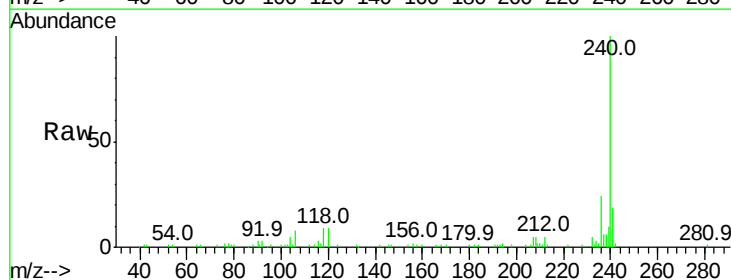
Tgt Ion:240 Resp: 56738

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

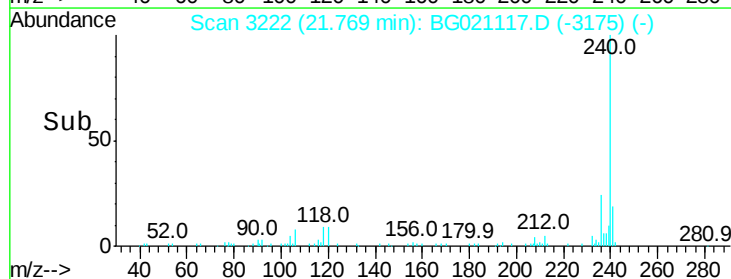
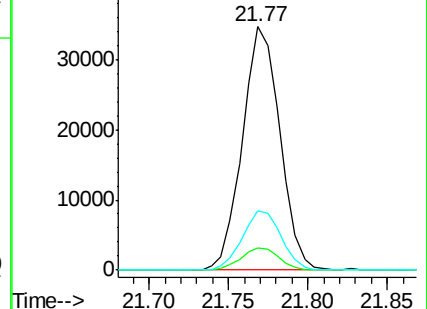
236 24.3 20.5 30.7

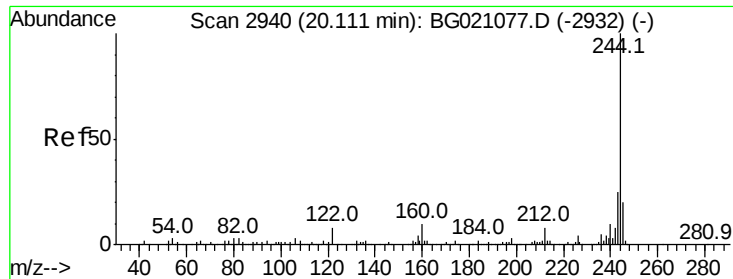


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.06 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021117.D

Acq: 27 Feb 2016 16:25

Instrument :

BNA_G

ClientSampleId :

CEB-2-20160224

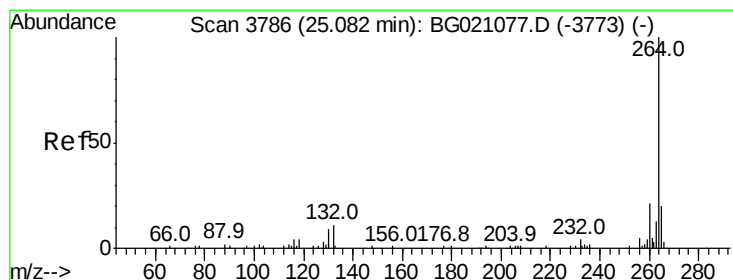
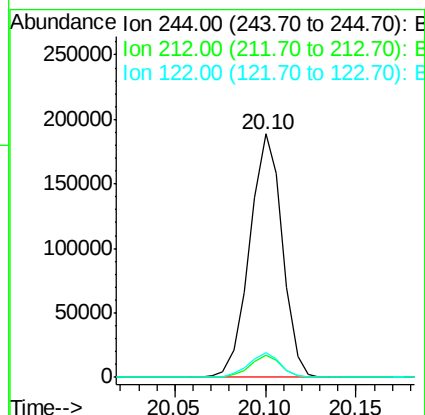
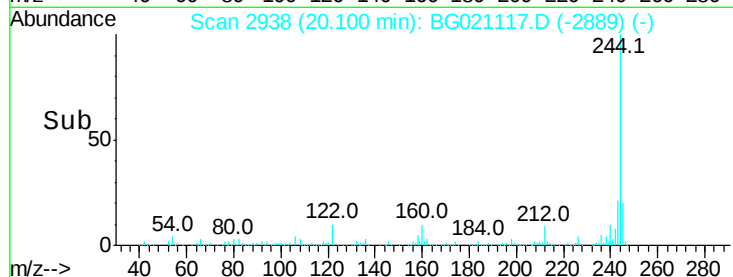
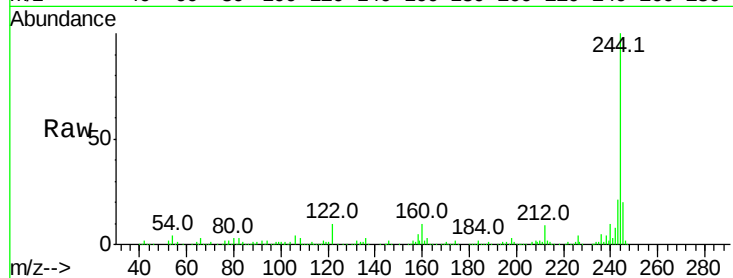
Tot Ion:244 Resp: 235641

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

122 10.1 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.03 min

Lab File: BG021117.D

Acq: 27 Feb 2016 16:25

Tgt Ion:264 Resp: 51490

Ion Ratio Lower Upper

264 100

260 24.9 18.5 27.7

265 21.2 18.6 28.0

