

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021120.D
 Acq On : 27 Feb 2016 18:23
 Operator : UM/SJ
 Sample : H1565-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Feb 29 00:18:04 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

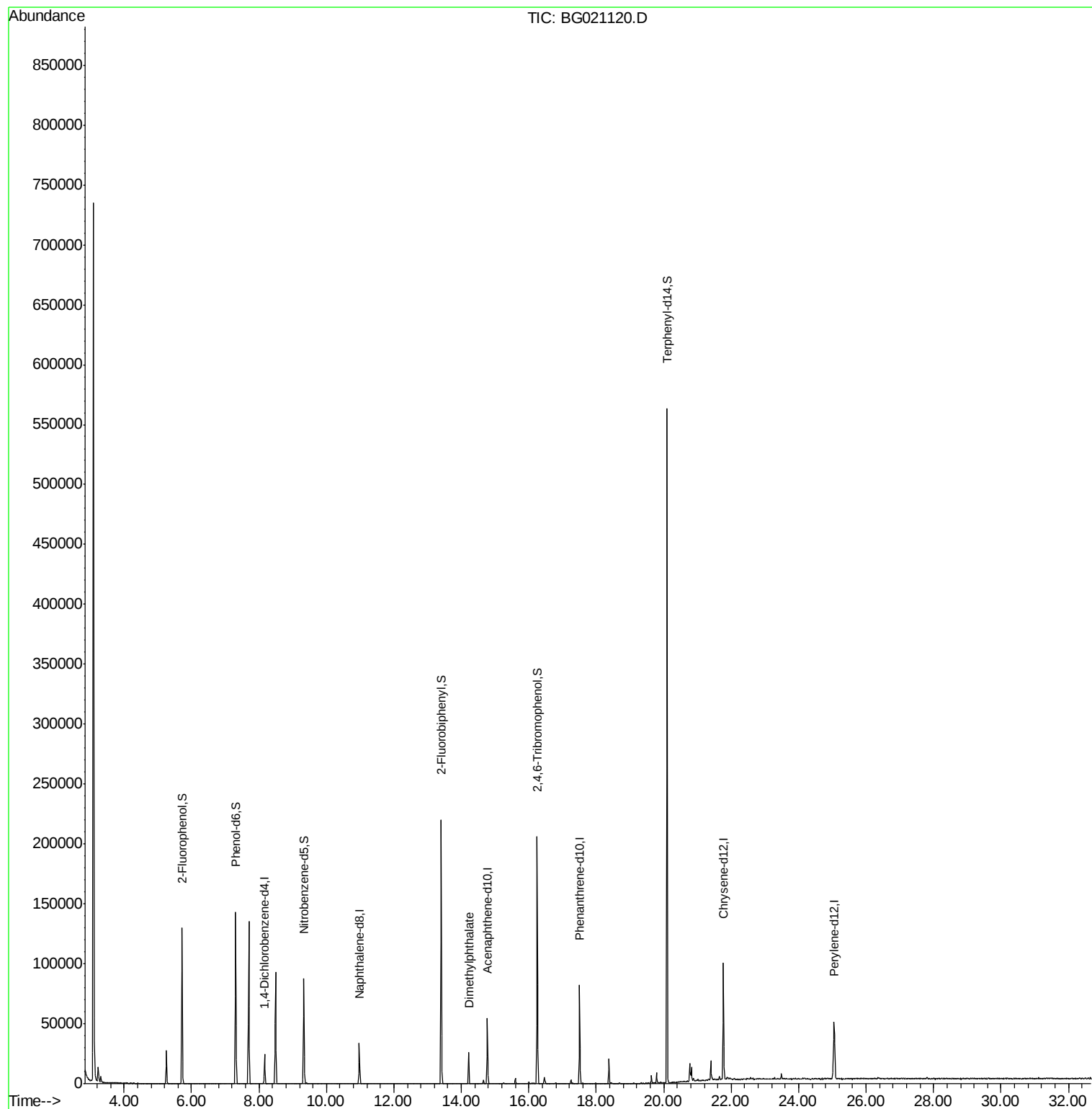
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6132	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	27866	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	17834	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	47951	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	57575	20.00	ng	-0.02
86) Perylene-d12	25.05	264	52276	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	49181	140.42	ng	0.00
7) Phenol-d6	7.31	99	77864	149.39	ng	-0.02
23) Nitrobenzene-d5	9.33	82	54308	92.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	28354	121.26	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	104189	74.76	ng	-0.01
78) Terphenyl-d14	20.10	244	212130	86.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	15703	10.22	ng	99

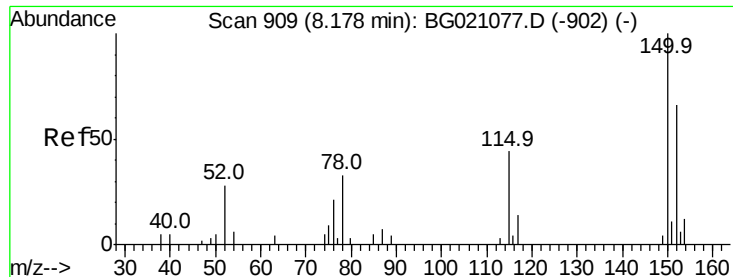
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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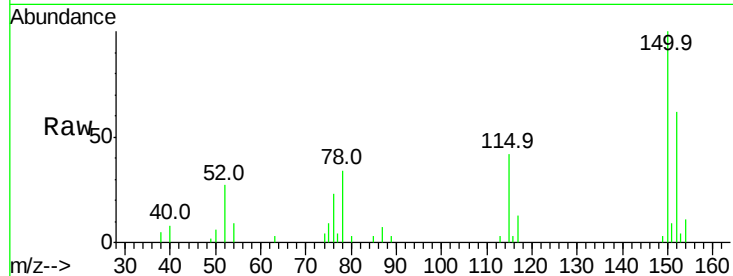


#1

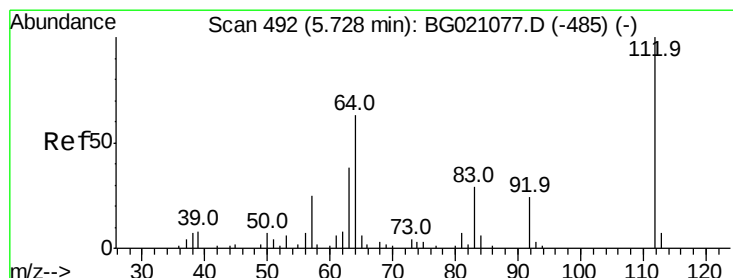
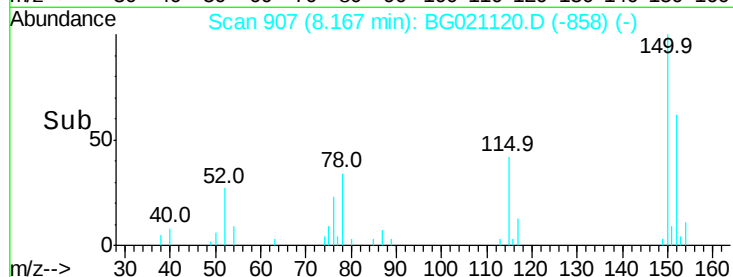
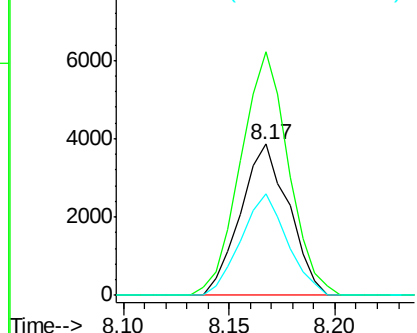
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021120.D
Acq: 27 Feb 2016 18:23

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

Tot Ion:152 Resp: 6132
Ion Ratio Lower Upper
152 100
150 160.8 123.4 185.2
115 67.0 43.3 64.9#



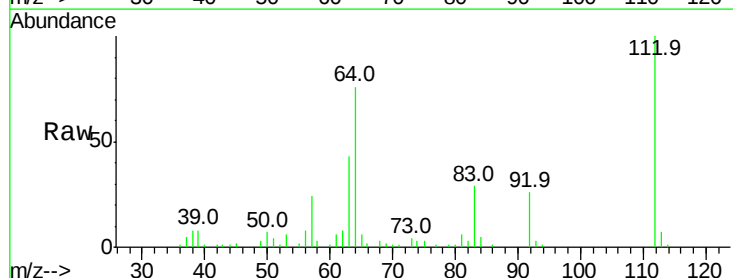
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



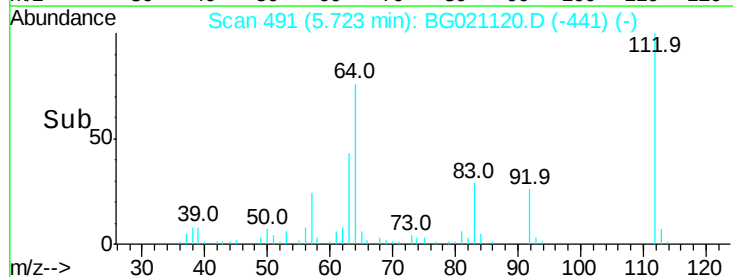
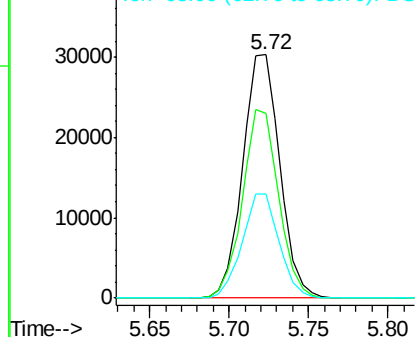
#5

2-Fluorophenol
Concen: 140.42 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021120.D
Acq: 27 Feb 2016 18:23

Tgt Ion:112 Resp: 49181
Ion Ratio Lower Upper
112 100
64 75.7 42.6 63.8#
63 42.8 21.7 32.5#



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





#7

Phenol-d6

Concen: 149.39 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021120.D

Acq: 27 Feb 2016 18:23

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223

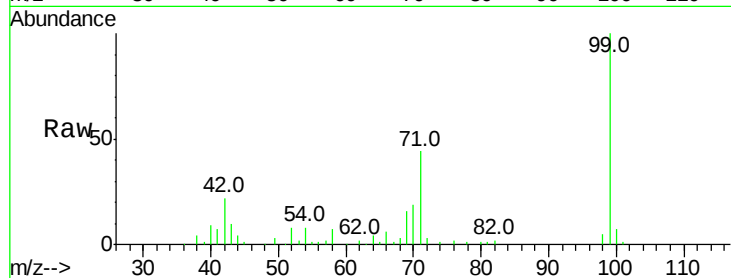
Tot Ion: 99 Resp: 77864

Ion Ratio Lower Upper

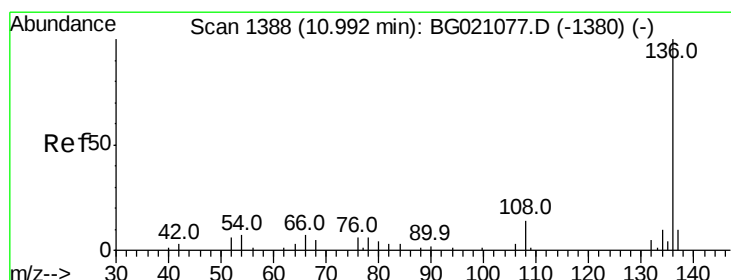
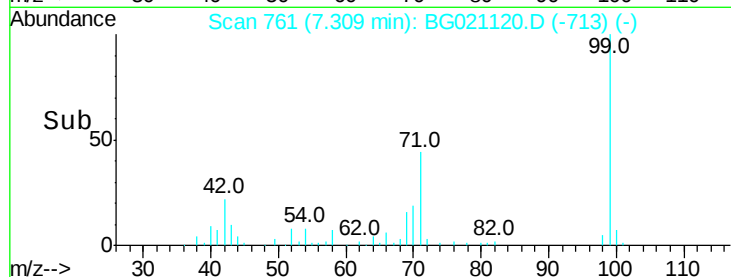
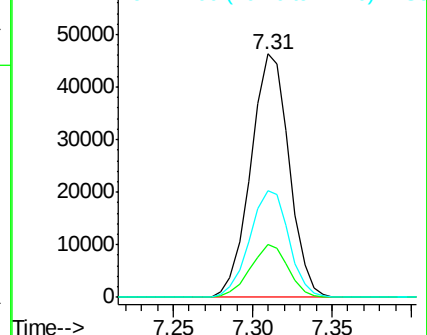
99 100

42 21.5 13.2 19.8#

71 43.9 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: BG021120.D

Acq: 27 Feb 2016 18:23

Tgt Ion: 136 Resp: 27866

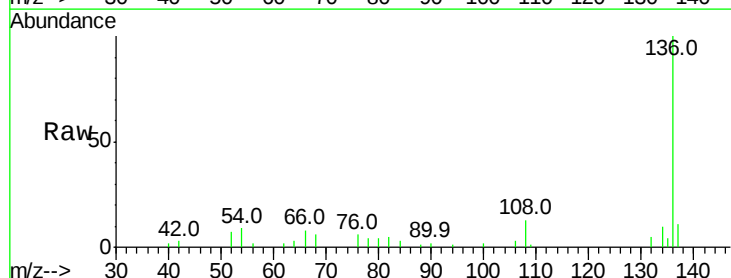
Ion Ratio Lower Upper

136 100

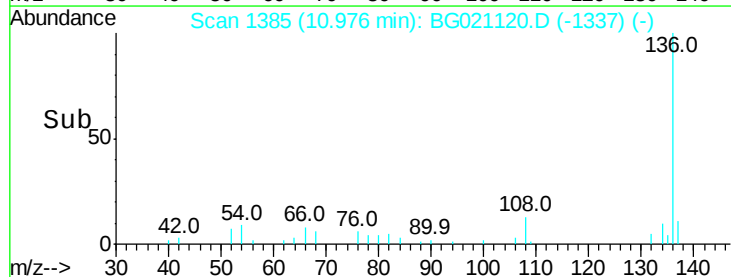
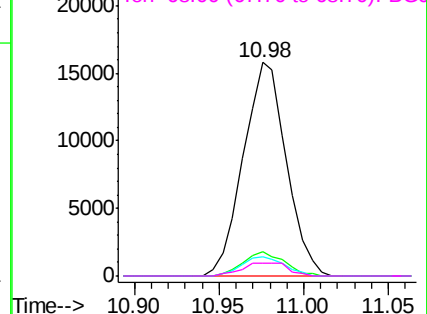
137 11.4 8.8 13.2

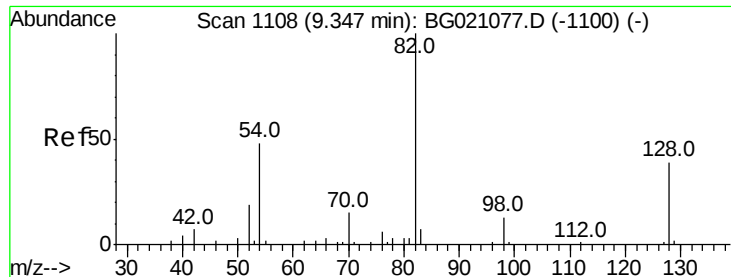
54 9.1 6.9 10.3

68 6.1 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

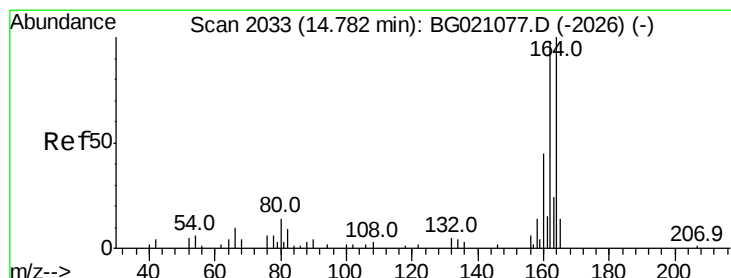
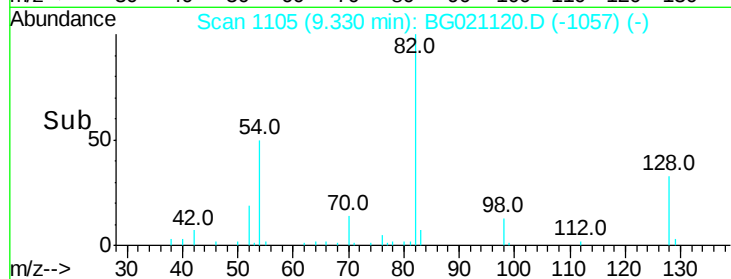
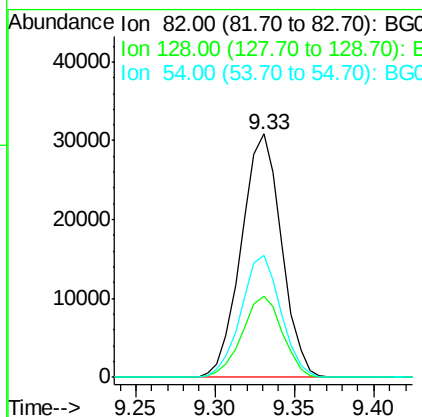
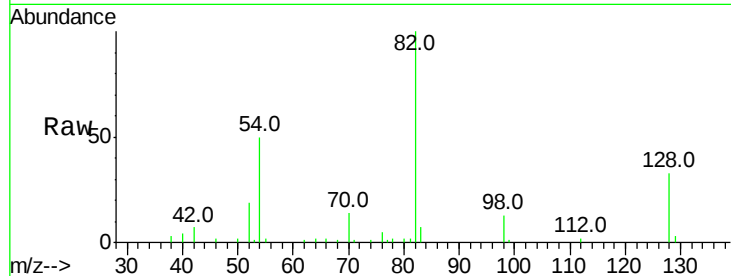




#23
 Nitrobenzene-d5
 Concen: 92.86 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021120.D
 Acq: 27 Feb 2016 18:23

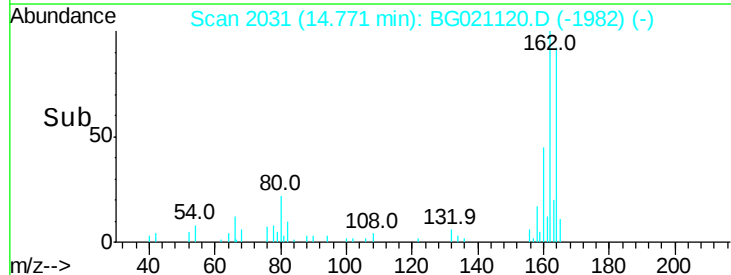
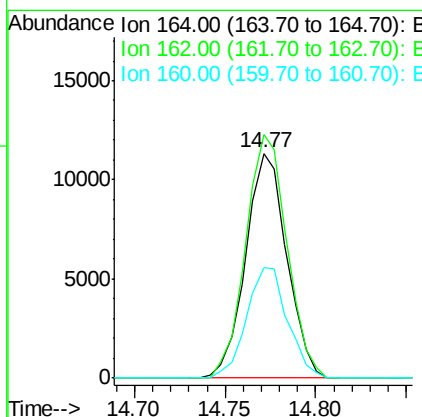
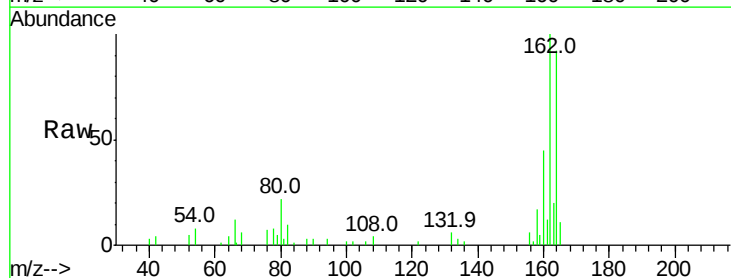
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223

Tot Ion	82	Resp	54308
Ion	Ratio	Lower	Upper
82	100		
128	33.1	36.3	54.5#
54	50.0	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021120.D
 Acq: 27 Feb 2016 18:23

Tgt Ion	164	Resp	17834
Ion	Ratio	Lower	Upper
164	100		
162	108.2	80.6	120.8
160	49.0	36.5	54.7

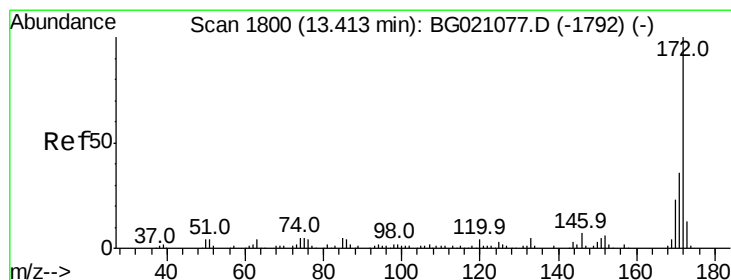
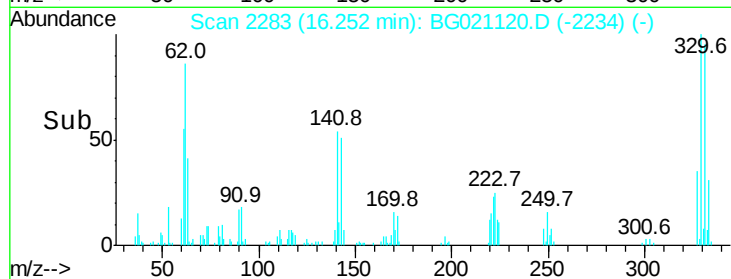
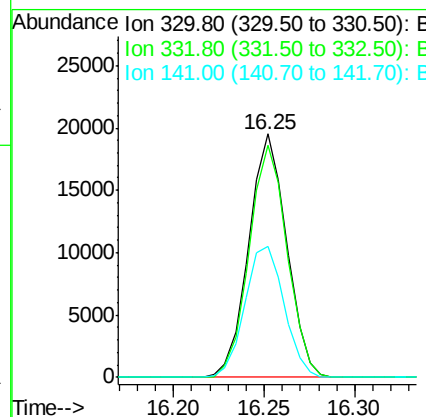
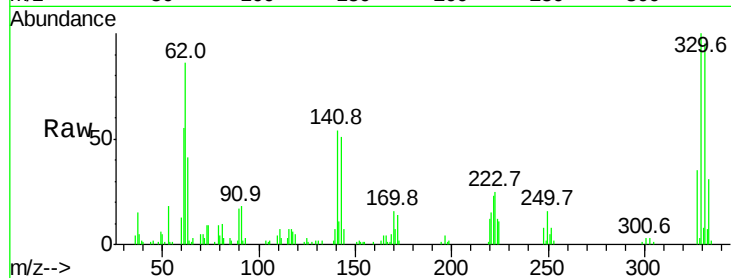




#41
 2,4,6-Tribromophenol
 Concen: 121.26 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021120.D
 Acq: 27 Feb 2016 18:23

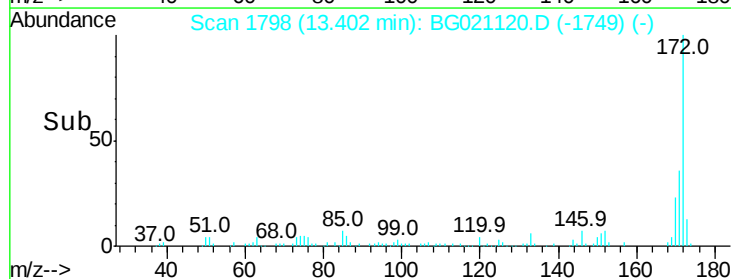
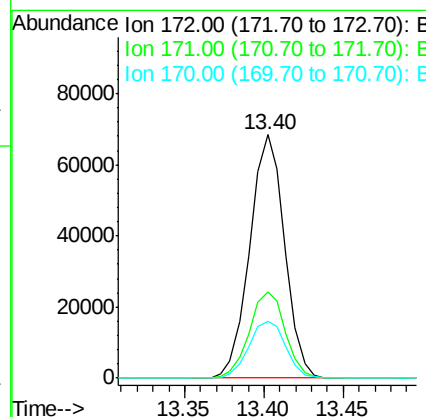
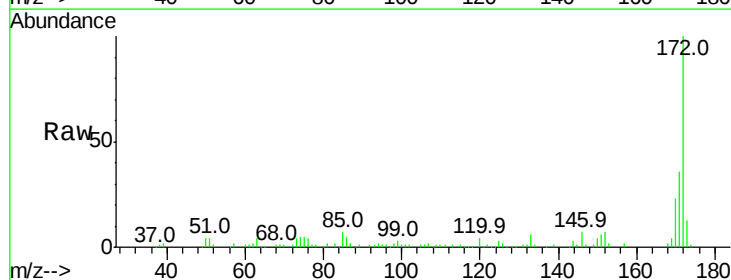
Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223

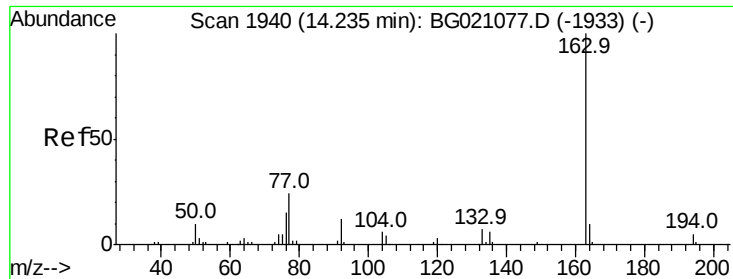
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	55.9	35.3	52.9#



#44
 2-Fluorobiphenyl
 Concen: 74.76 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021120.D
 Acq: 27 Feb 2016 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.0	19.8	29.8





#49

Dimethylphthalate

Concen: 10.22 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021120.D

Acq: 27 Feb 2016 18:23

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223

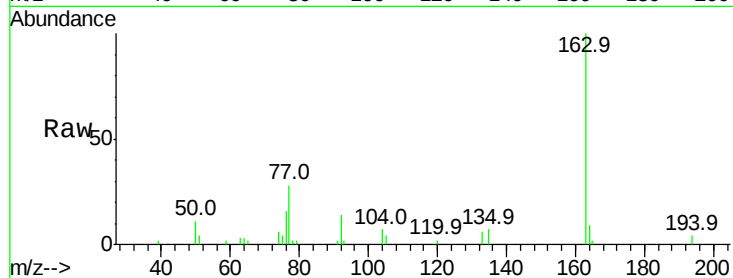
Tot Ion:163 Resp: 15703

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

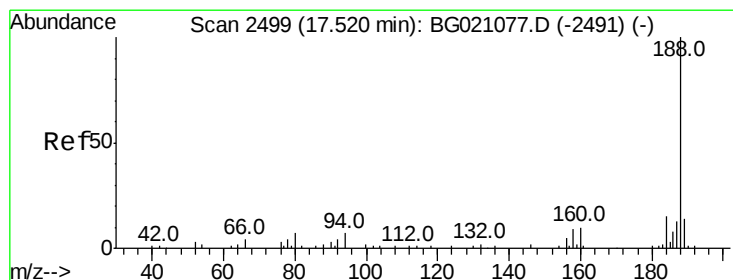
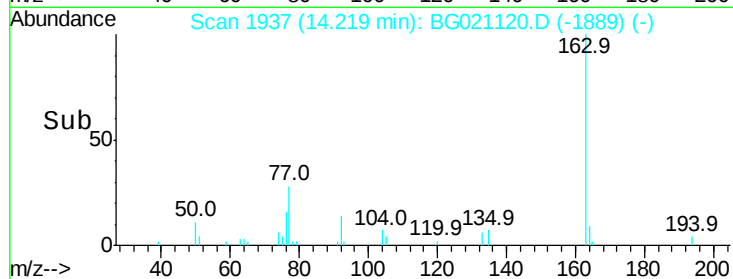
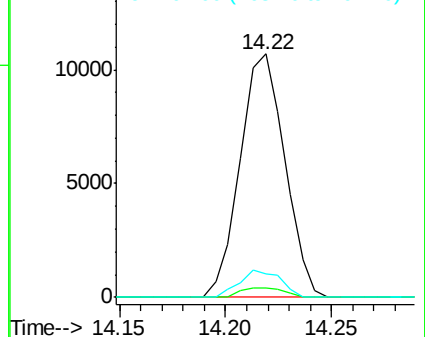
164 9.4 7.9 11.9



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: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021120.D

Acq: 27 Feb 2016 18:23

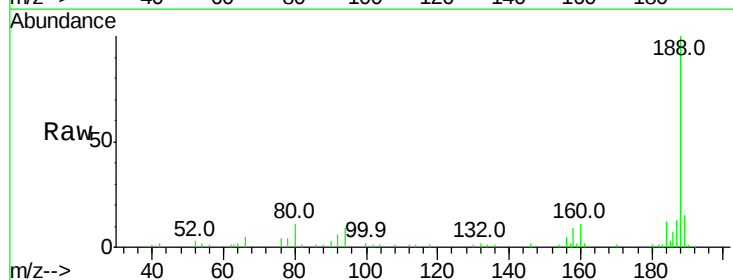
Tgt Ion:188 Resp: 47951

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

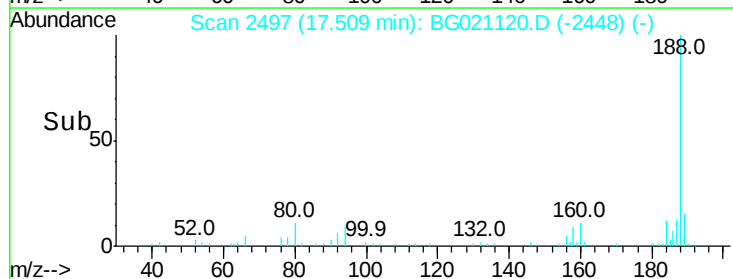
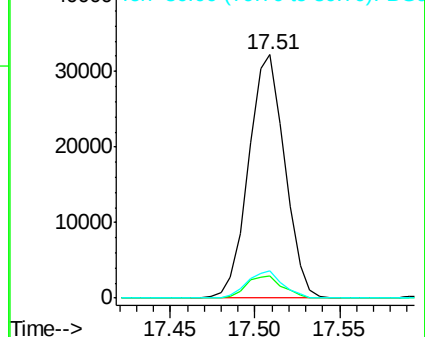
80 11.1 9.2 13.8

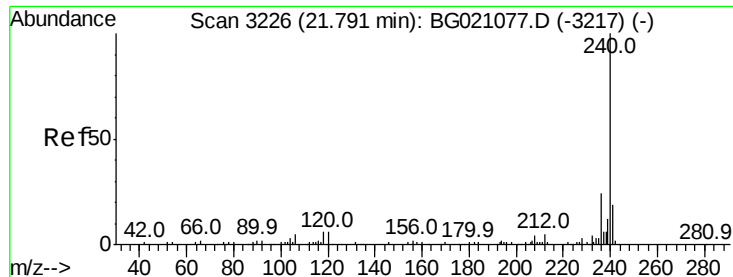


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021120.D

Acq: 27 Feb 2016 18:23

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223

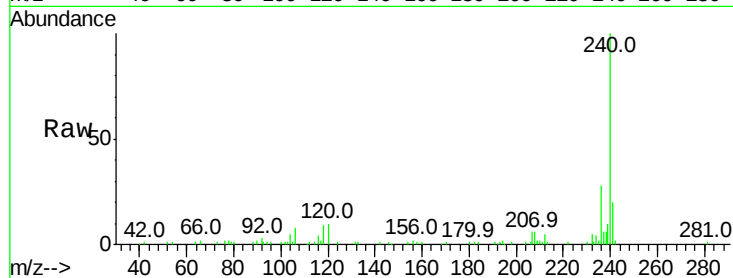
Tot Ion:240 Resp: 57575

Ion Ratio Lower Upper

240 100

120 9.9 7.5 11.3

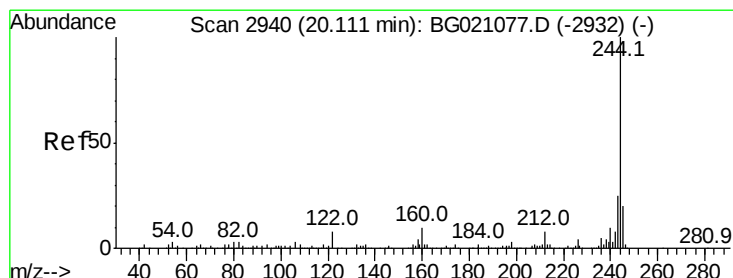
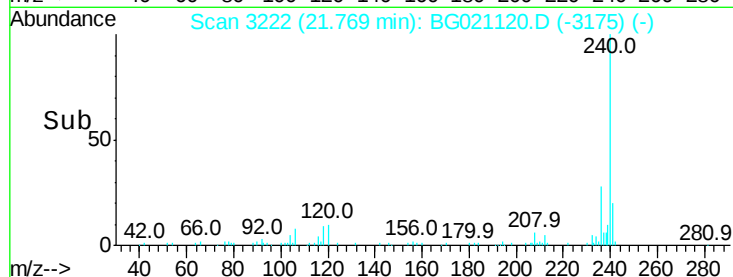
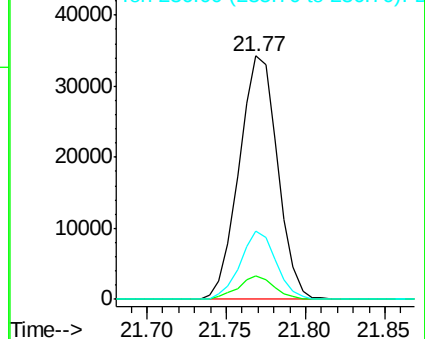
236 27.9 20.5 30.7



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: 86.11 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021120.D

Acq: 27 Feb 2016 18:23

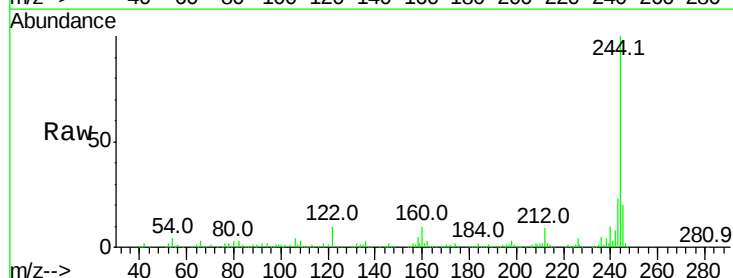
Tgt Ion:244 Resp: 212130

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

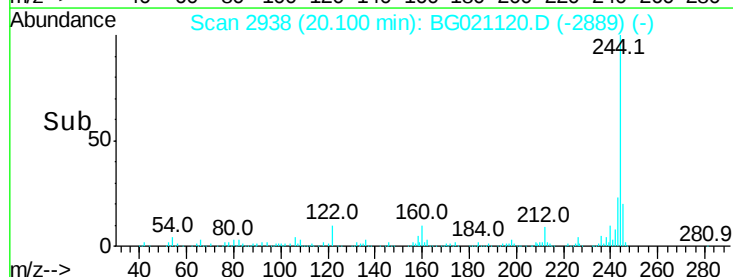
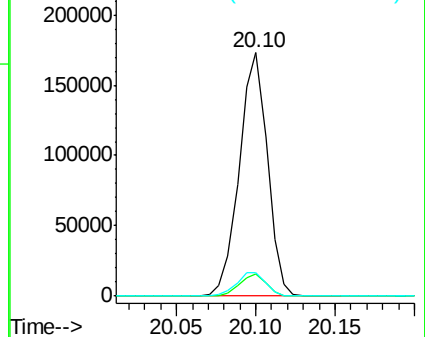
122 9.8 8.3 12.5

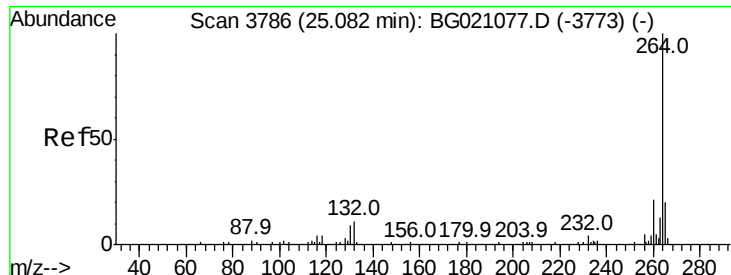


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

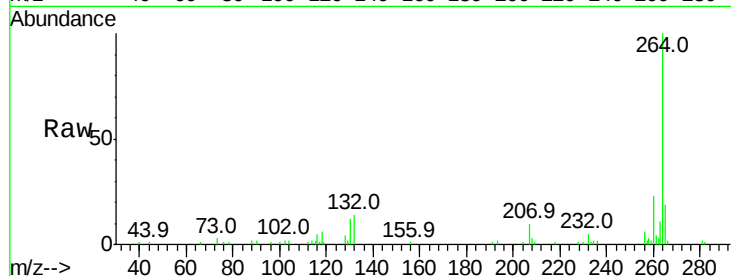




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021120.D
 Acq: 27 Feb 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	18.9	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

