

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021101.D
 Acq On : 27 Feb 2016 5:58
 Operator : UM/SJ
 Sample : H1558-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S11

Quant Time: Feb 29 00:24:32 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

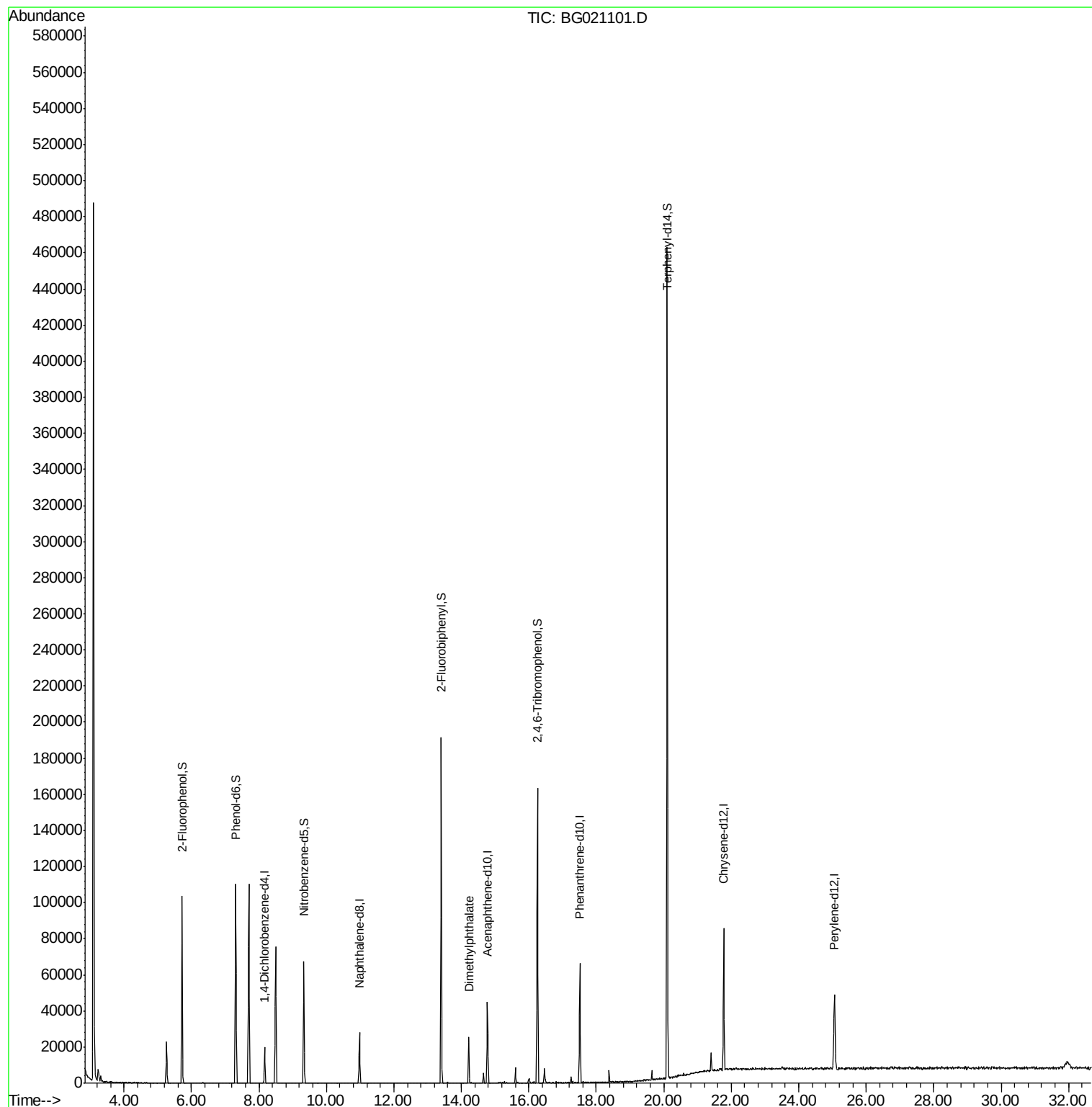
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5697	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	24064	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	15170	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	40032	20.00	ng	0.00
75) Chrysene-d12	21.78	240	50033	20.00	ng	-0.01
86) Perylene-d12	25.06	264	45332	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	41353	127.08	ng	0.00
7) Phenol-d6	7.31	99	60170	124.26	ng	-0.01
23) Nitrobenzene-d5	9.33	82	41079	81.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	24694	124.16	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	91837	77.47	ng	0.00
78) Terphenyl-d14	20.10	244	183008	85.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	15431	11.80	ng	Qvalue # 98

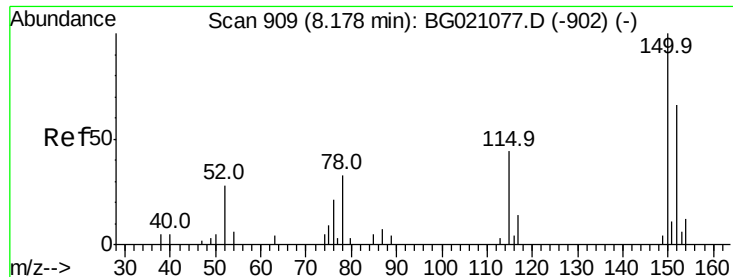
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

Instrument :

BNA_G

ClientSampleId :

S11

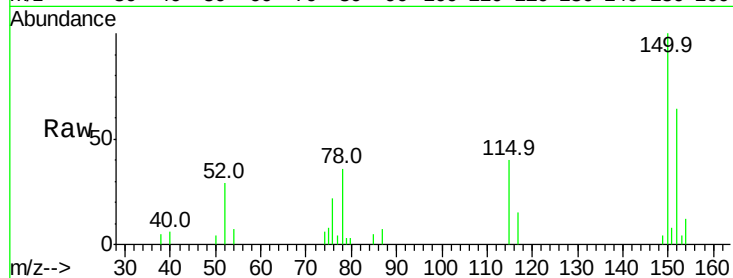
Tot Ion:152 Resp: 5697

Ion Ratio Lower Upper

152 100

150 156.6 123.4 185.2

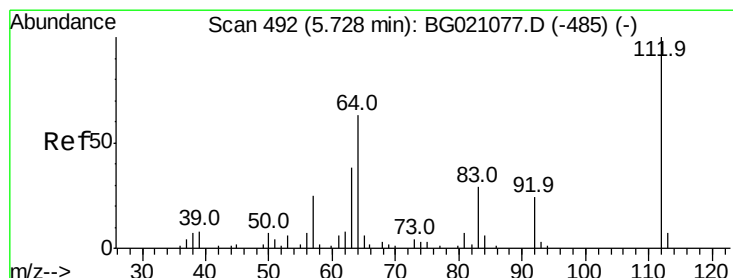
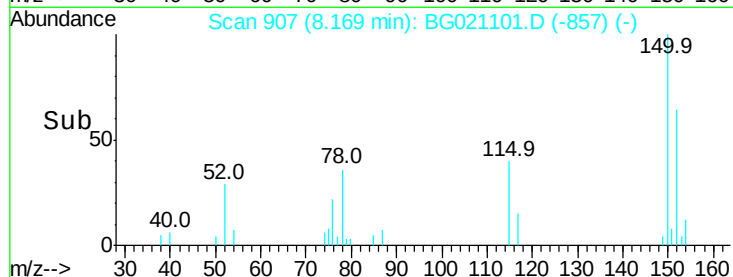
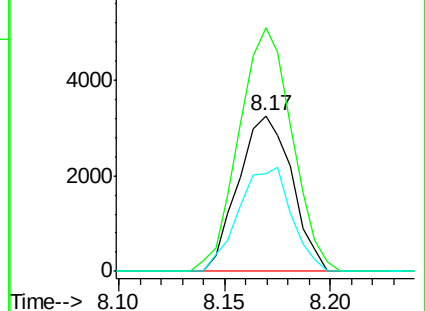
115 62.9 43.3 64.9



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: 127.08 ng

RT: 5.73 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

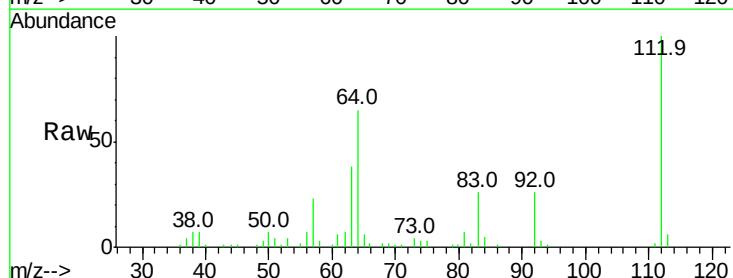
Tgt Ion:112 Resp: 41353

Ion Ratio Lower Upper

112 100

64 65.0 42.6 63.8#

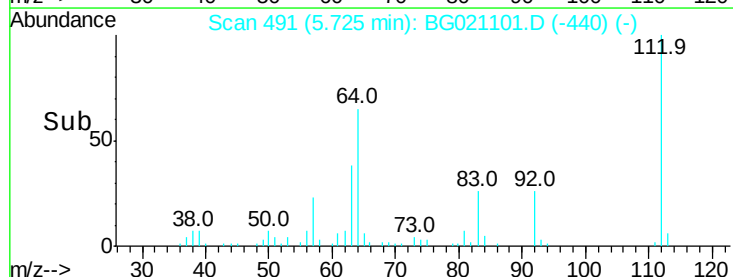
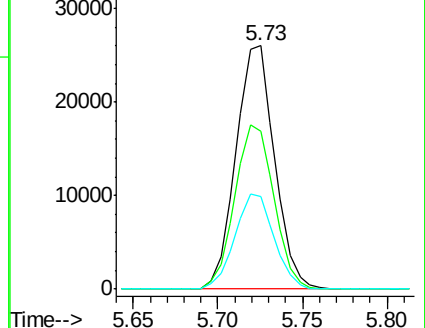
63 38.1 21.7 32.5#

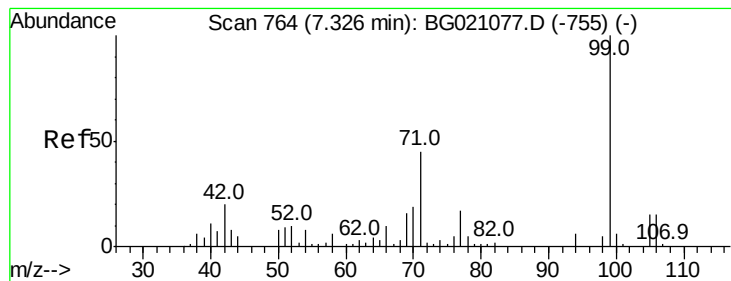


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.26 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

Instrument :

BNA_G

ClientSampled :

S11

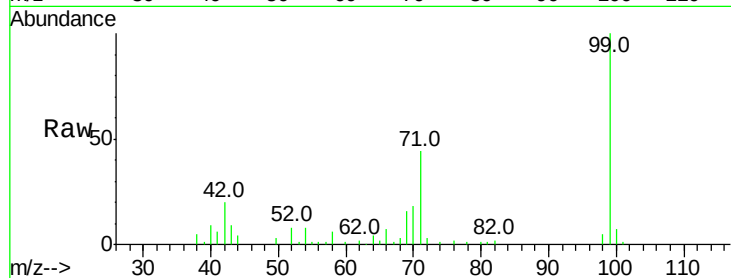
Tot Ion: 99 Resp: 60170

Ion Ratio Lower Upper

99 100

42 19.8 13.2 19.8

71 44.2 25.2 37.8#

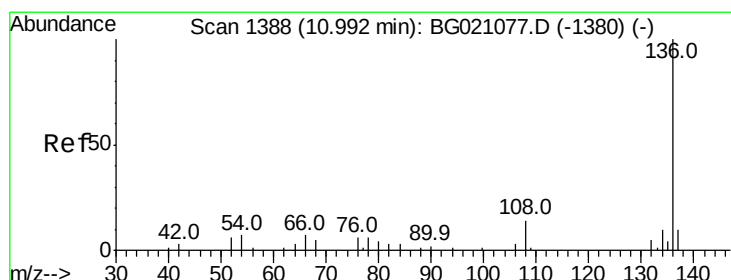
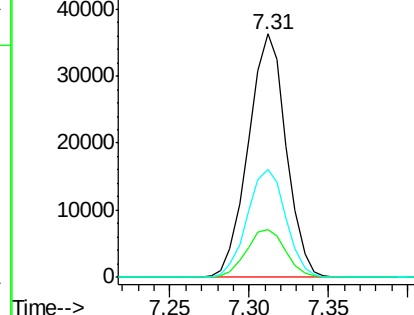
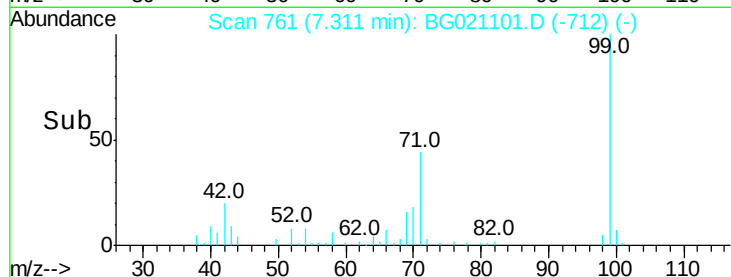


Abundance

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. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

Tgt Ion: 136 Resp: 24064

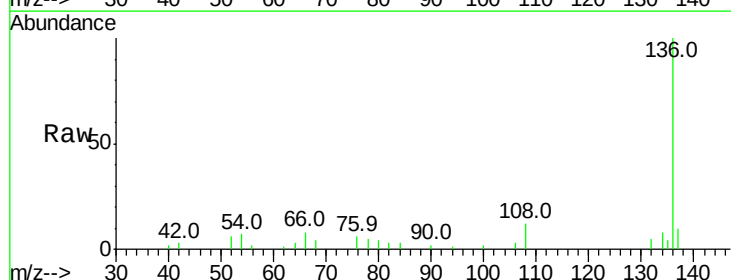
Ion Ratio Lower Upper

136 100

137 9.7 8.8 13.2

54 7.0 6.9 10.3

68 4.4 5.8 8.6#



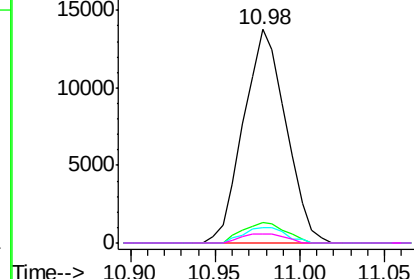
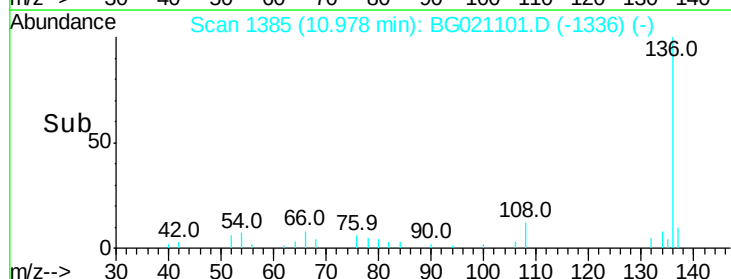
Abundance

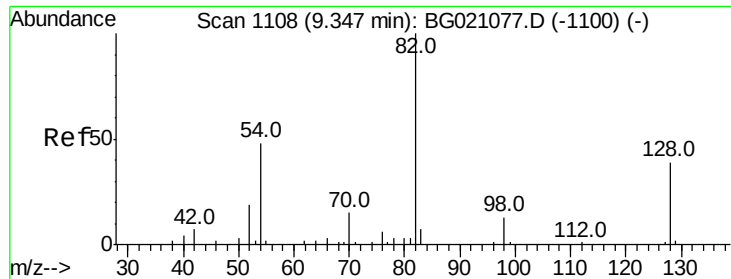
Ion 136.00 (135.70 to 136.70): BGC

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

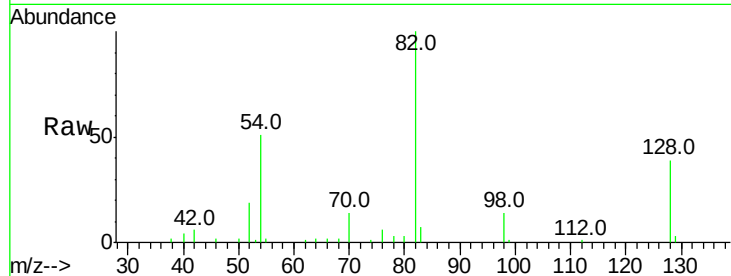




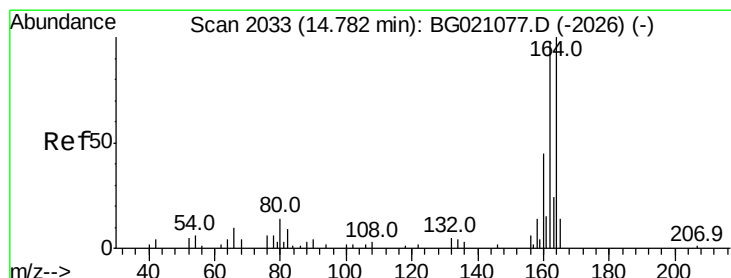
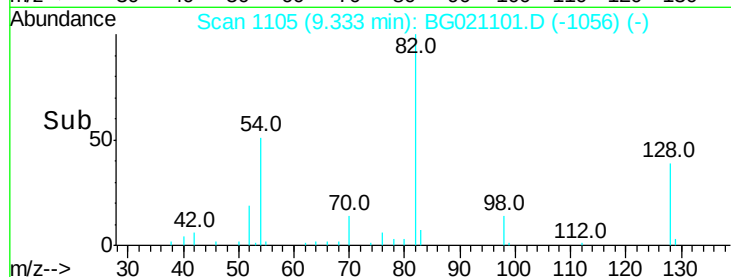
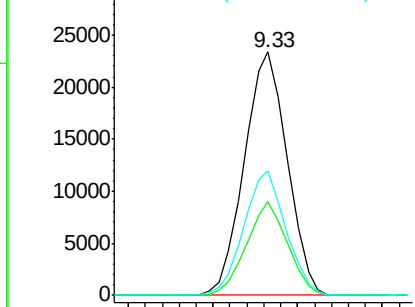
#23
 Nitrobenzene-d5
 Concen: 81.34 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG021101.D
 Acq: 27 Feb 2016 5:58

Instrument :
 BNA_G
 ClientSampleId :
 S11

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	36.3	54.5
54	51.1	37.6	56.4

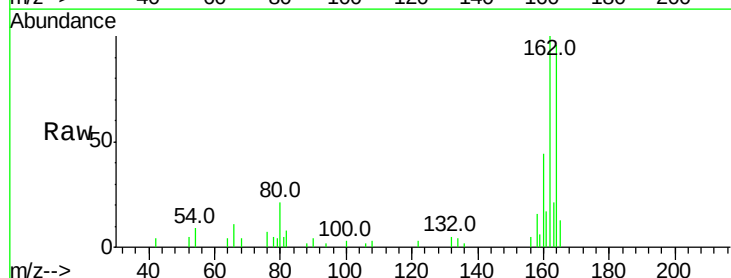


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

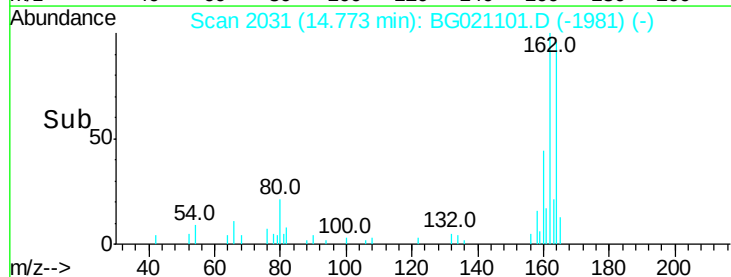
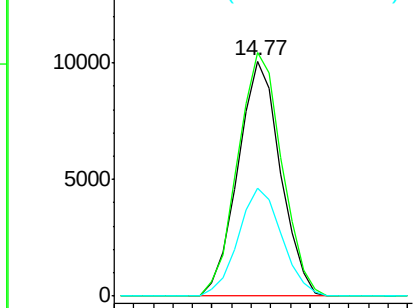


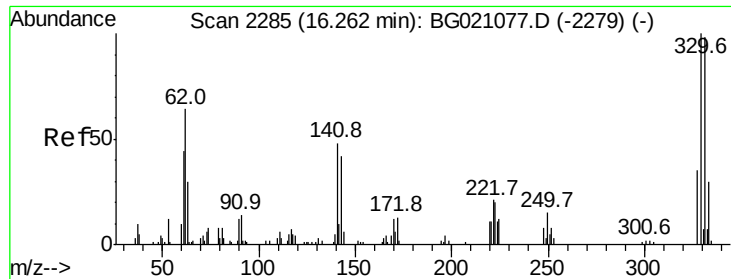
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021101.D
 Acq: 27 Feb 2016 5:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	120.8
160	46.0	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: 124.16 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

Instrument :

BNA_G

ClientSampleId :

S11

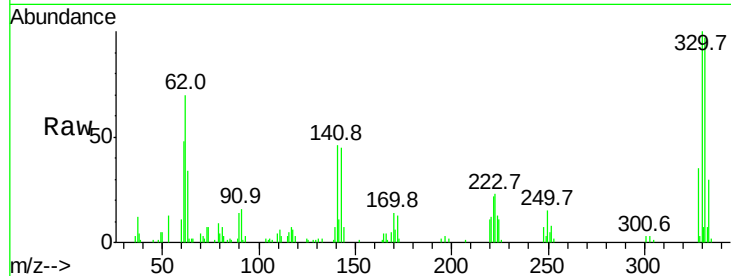
Tot Ion:330 Resp: 24694

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

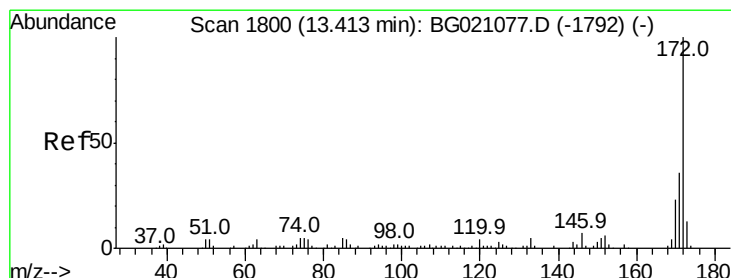
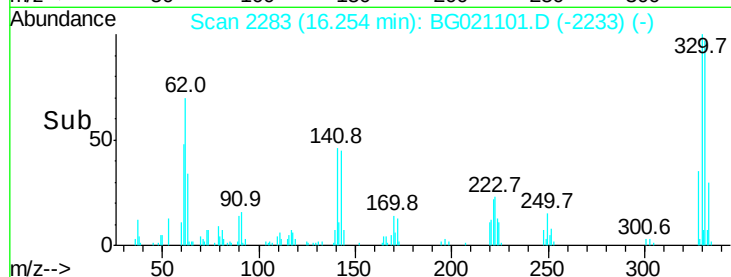
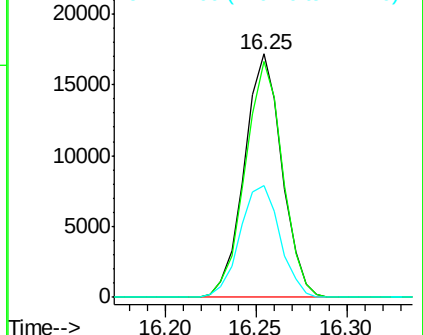
141 49.0 35.3 52.9



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: 77.47 ng

RT: 13.40 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

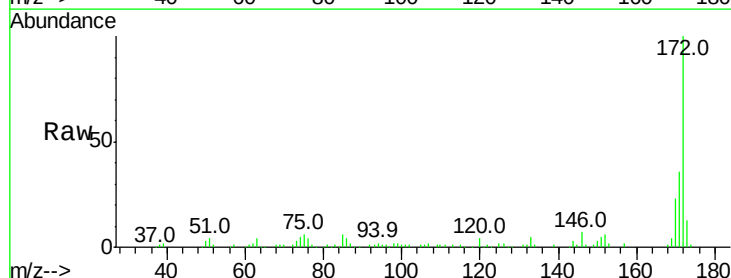
Tgt Ion:172 Resp: 91837

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

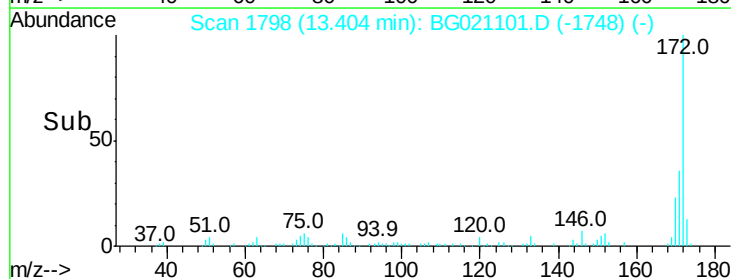
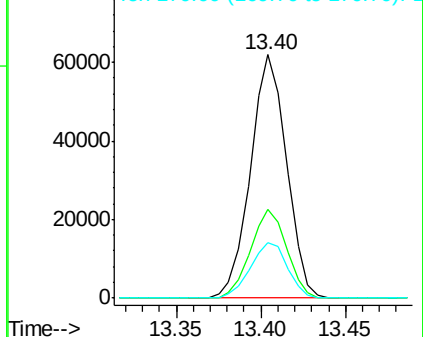
170 23.0 19.8 29.8

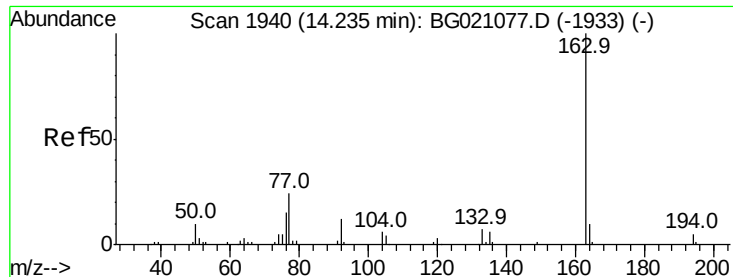


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.80 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

Instrument :

BNA_G

ClientSampleId :

S11

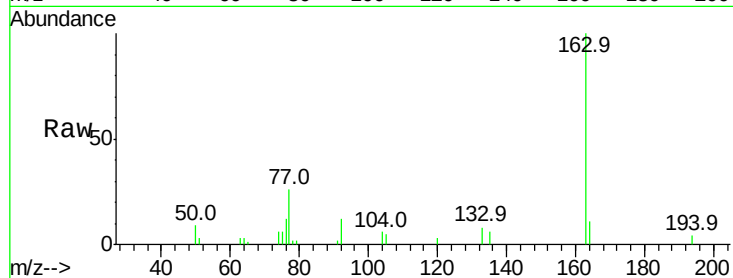
Tot Ion:163 Resp: 15431

Ion Ratio Lower Upper

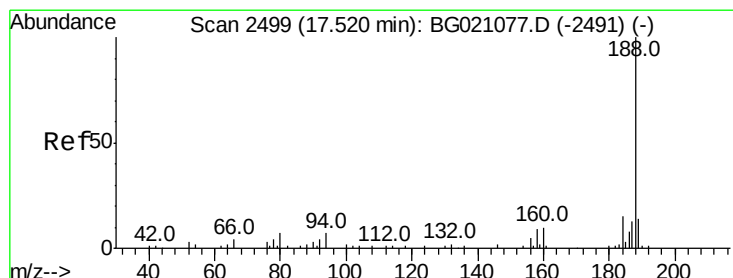
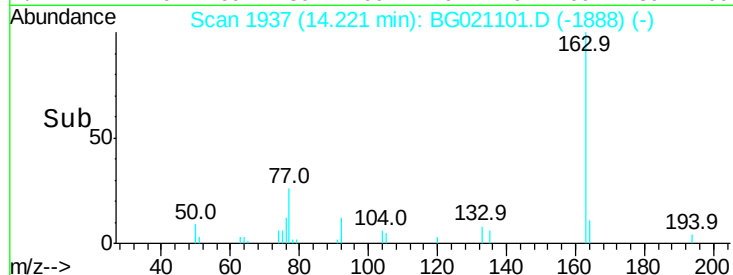
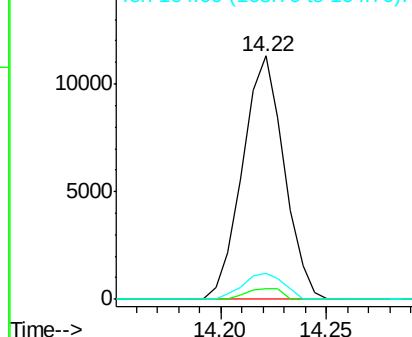
163 100

194 4.3 2.8 4.2#

164 10.6 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: BG021101.D

Acq: 27 Feb 2016 5:58

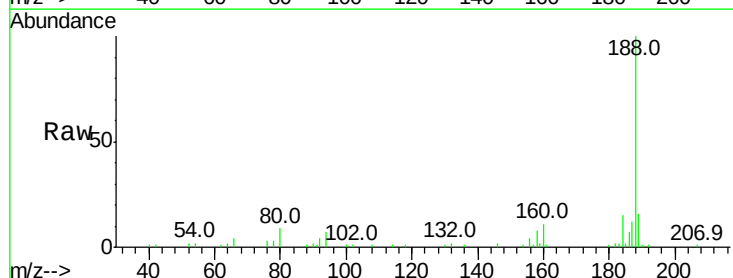
Tgt Ion:188 Resp: 40032

Ion Ratio Lower Upper

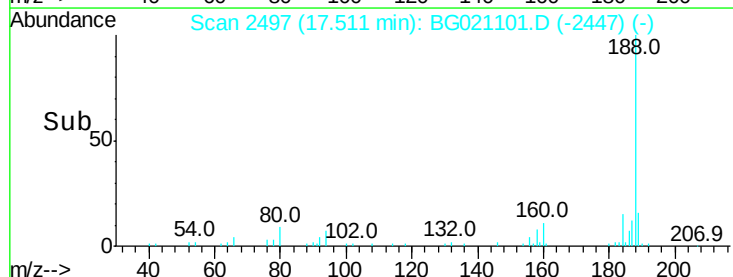
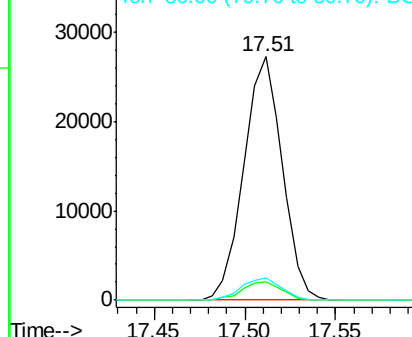
188 100

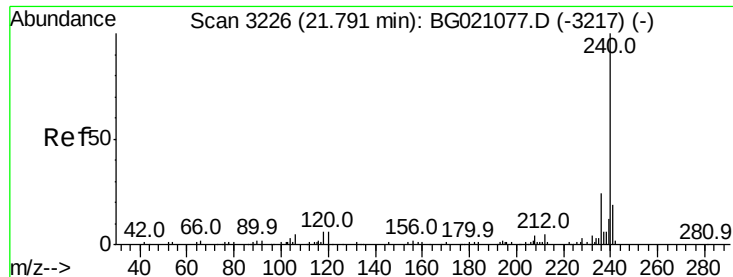
94 7.3 8.2 12.4#

80 9.2 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: 21.78 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

Instrument :

BNA_G

ClientSampleId :

S11

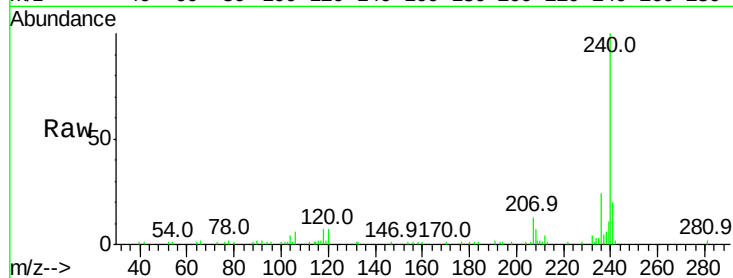
Tot Ion:240 Resp: 50033

Ion Ratio Lower Upper

240 100

120 7.2 7.5 11.3#

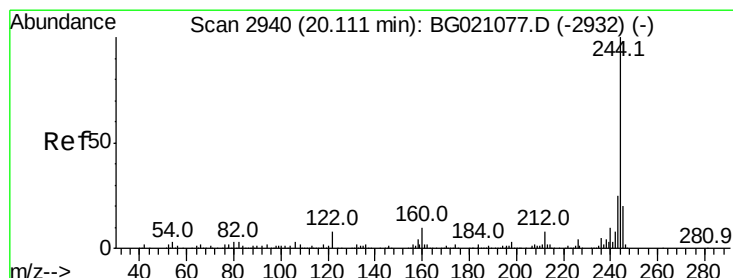
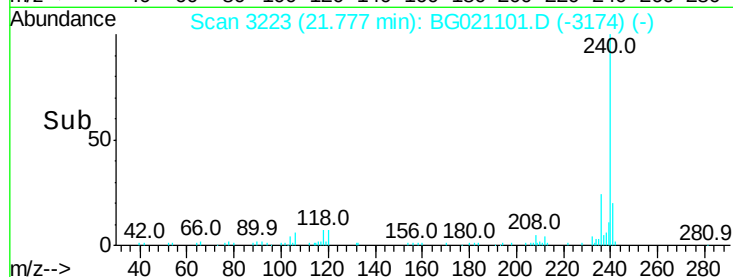
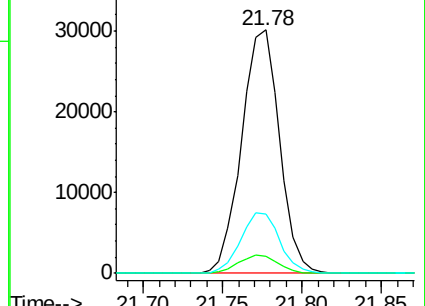
236 24.5 20.5 30.7



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: 85.48 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021101.D

Acq: 27 Feb 2016 5:58

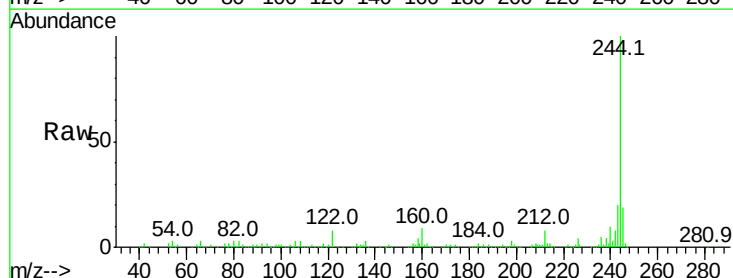
Tgt Ion:244 Resp: 183008

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

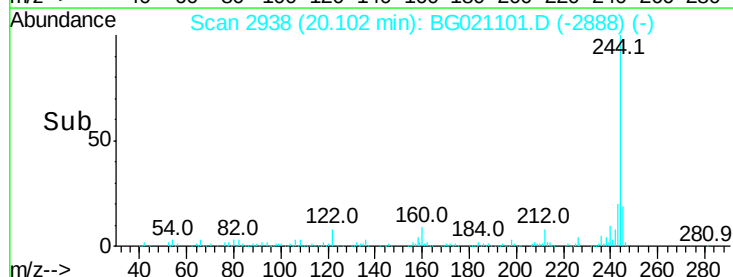
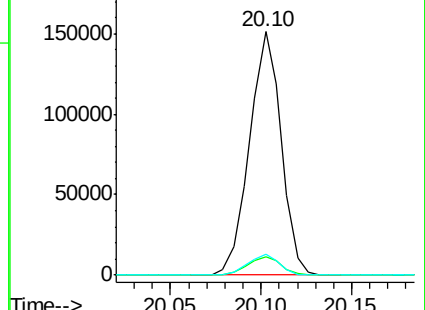
122 8.4 8.3 12.5

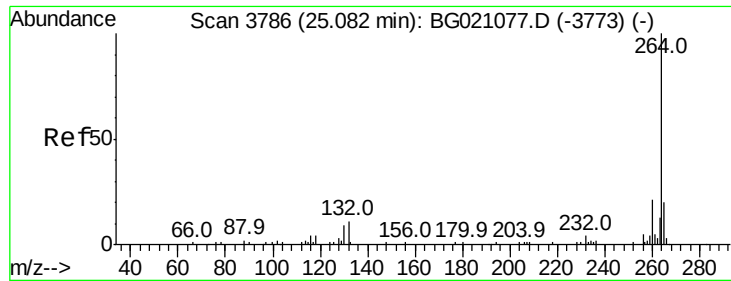


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

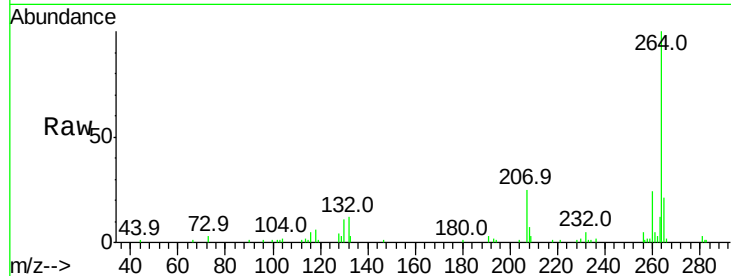




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021101.D
 Acq: 27 Feb 2016 5:58

Instrument :
 BNA_G
 ClientSampleId :
 S11

Tot Ion:	264	Resp:	45332
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.5	27.7
265	21.4	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

