

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021092.D
 Acq On : 27 Feb 2016 00:05
 Operator : UM/SJ
 Sample : H1558-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7

Quant Time: Feb 27 01:19:13 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

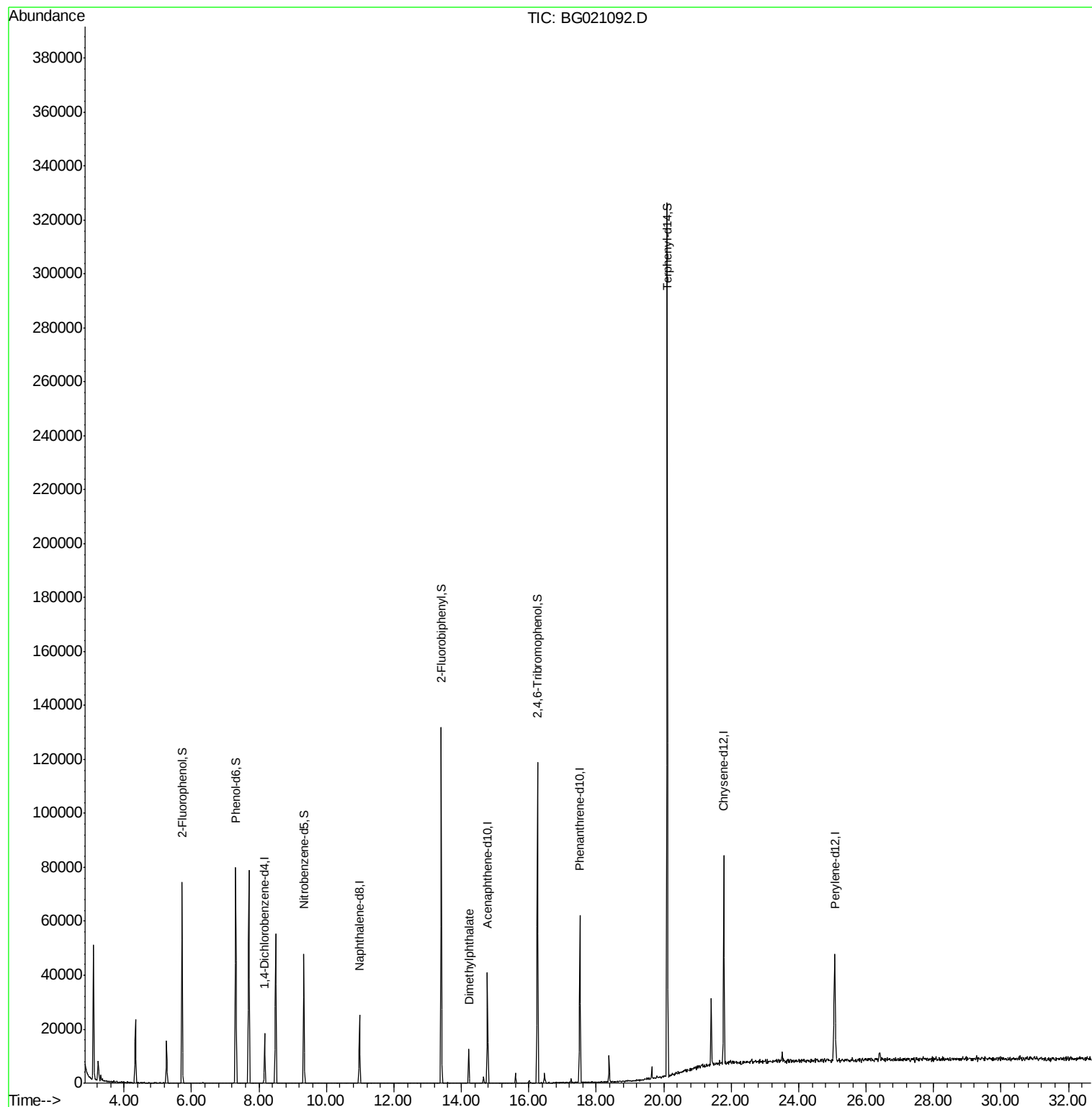
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5289	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	21575	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	13586	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	36387	20.00	ng	0.00
75) Chrysene-d12	21.78	240	48329	20.00	ng	-0.01
86) Perylene-d12	25.07	264	43136	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	29453	97.49	ng	0.00
7) Phenol-d6	7.31	99	43113	95.90	ng	-0.01
23) Nitrobenzene-d5	9.33	82	28923	63.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	18438	103.51	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	63554	59.86	ng	0.00
78) Terphenyl-d14	20.10	244	130914	63.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	9197	7.85	ng	Qvalue # 96

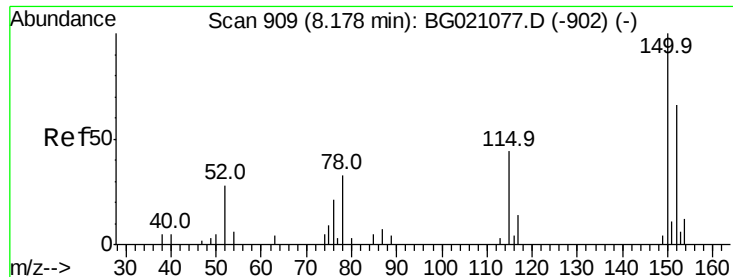
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021092.D

Acq: 27 Feb 2016 00:05

Instrument :

BNA_G

ClientSampleId :

S7

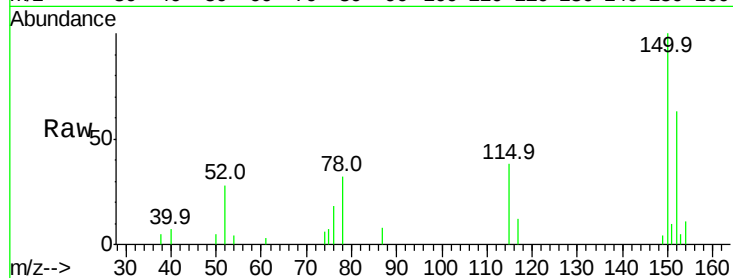
Tot Ion:152 Resp: 5289

Ion Ratio Lower Upper

152 100

150 159.5 123.4 185.2

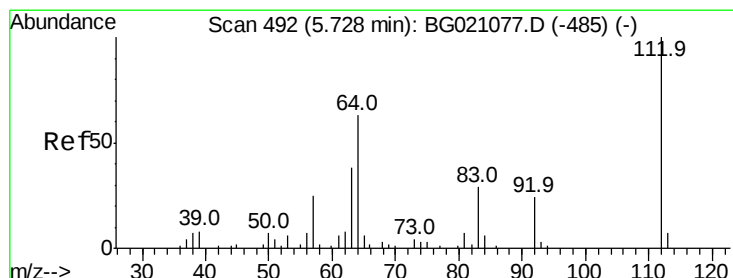
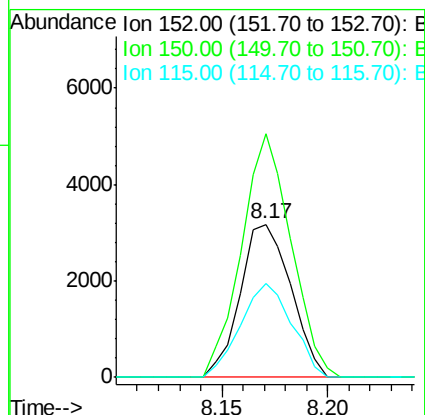
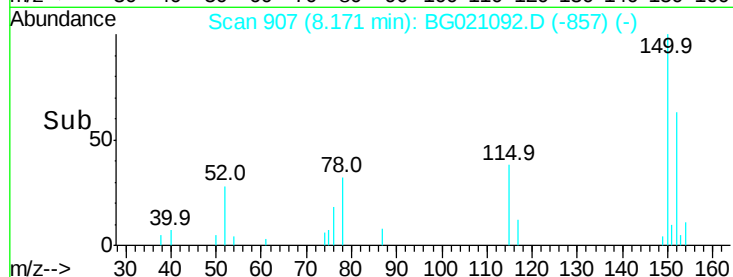
115 61.2 43.3 64.9



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: 97.49 ng

RT: 5.73 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

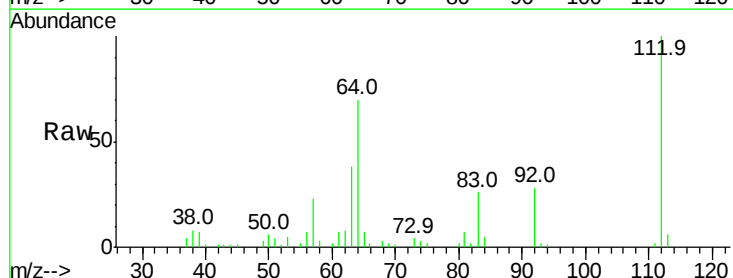
Tgt Ion:112 Resp: 29453

Ion Ratio Lower Upper

112 100

64 70.0 42.6 63.8#

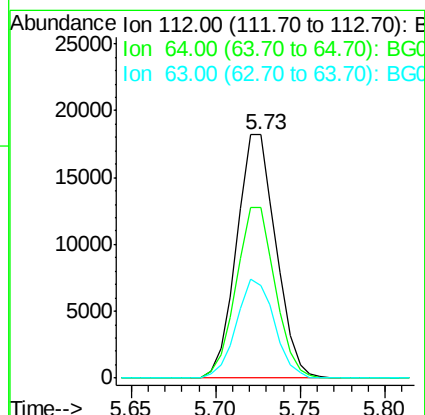
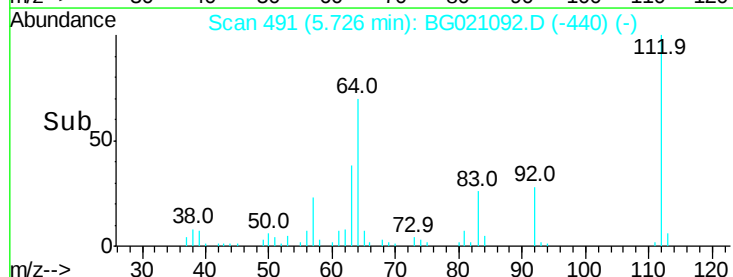
63 37.8 21.7 32.5#

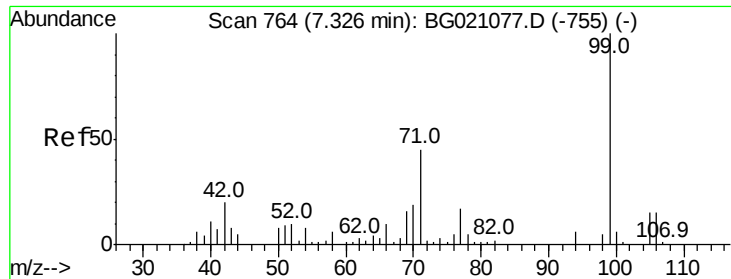


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.90 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

Instrument :

BNA_G

ClientSampleId :

S7

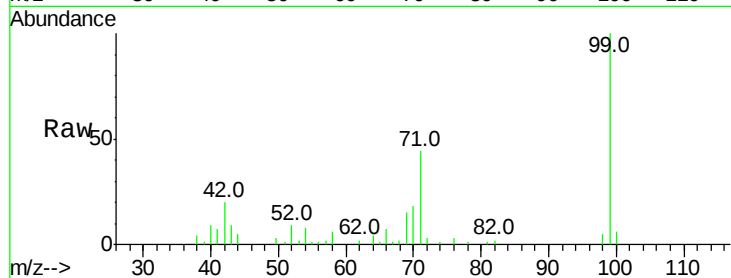
Tot Ion: 99 Resp: 43113

Ion Ratio Lower Upper

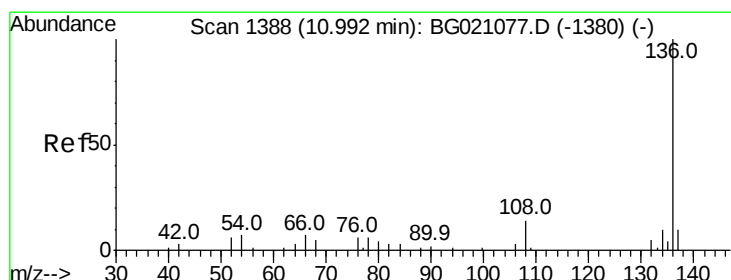
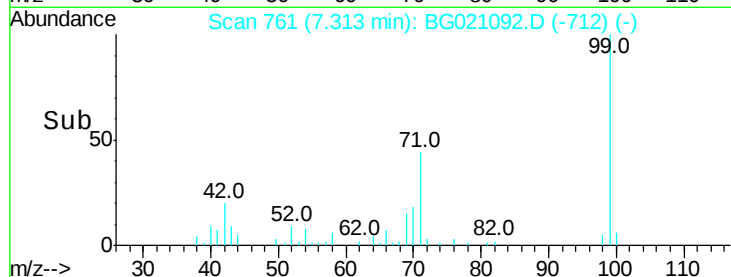
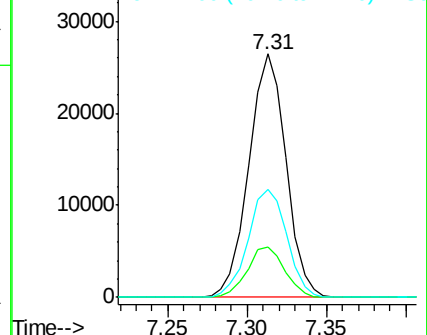
99 100

42 20.4 13.2 19.8#

71 44.1 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. -0.01 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

Tgt Ion: 136 Resp: 21575

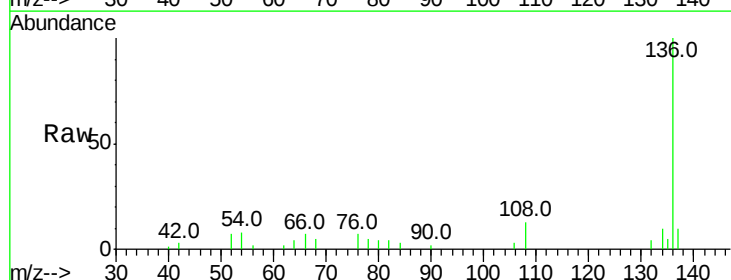
Ion Ratio Lower Upper

136 100

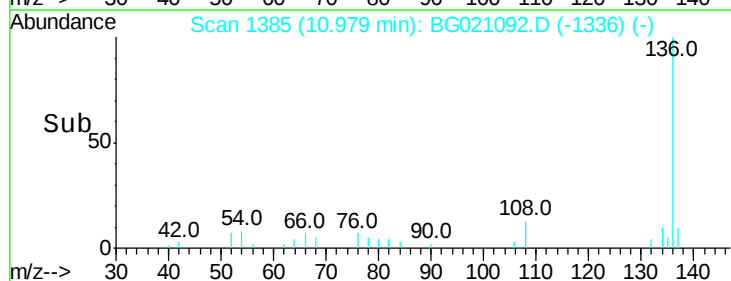
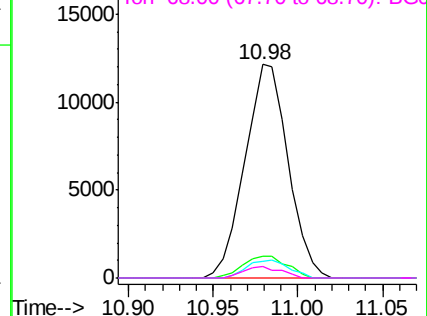
137 9.9 8.8 13.2

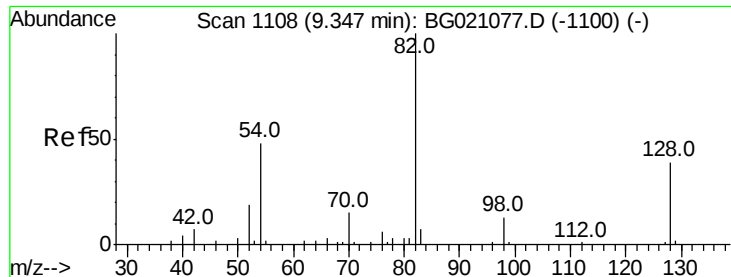
54 7.8 6.9 10.3

68 5.3 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: 63.87 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

Instrument :

BNA_G

ClientSampled :

S7

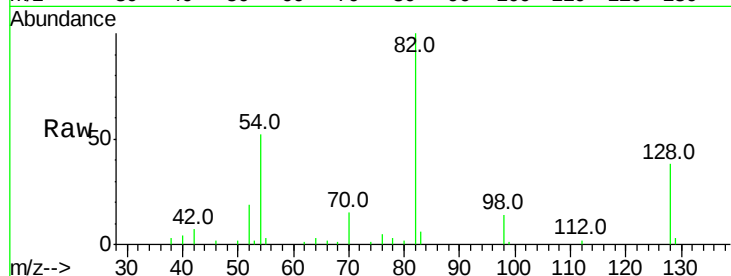
Tot Ion: 82 Resp: 28923

Ion Ratio Lower Upper

82 100

128 38.5 36.3 54.5

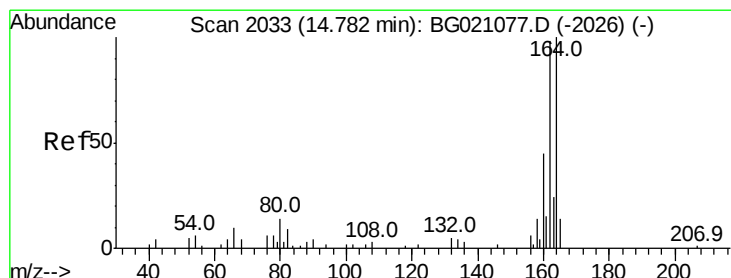
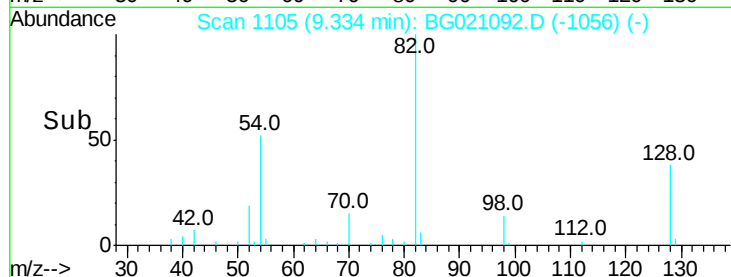
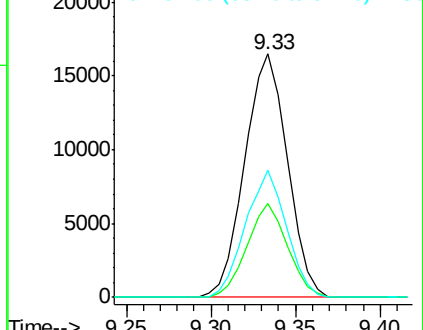
54 52.2 37.6 56.4



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: BG021092.D

Acq: 27 Feb 2016 00:05

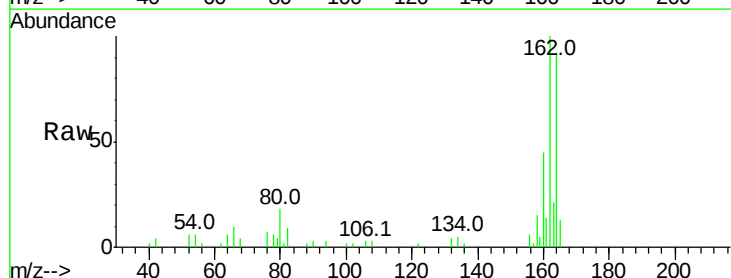
Tgt Ion: 164 Resp: 13586

Ion Ratio Lower Upper

164 100

162 108.4 80.6 120.8

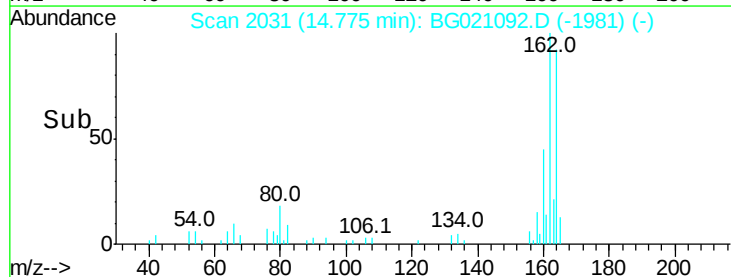
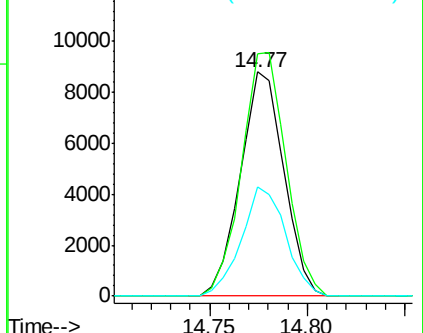
160 48.7 36.5 54.7

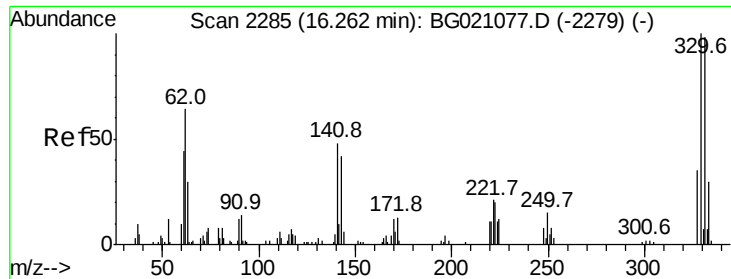


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 103.51 ng

RT: 16.26 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

Instrument :

BNA_G

ClientSampled :

S7

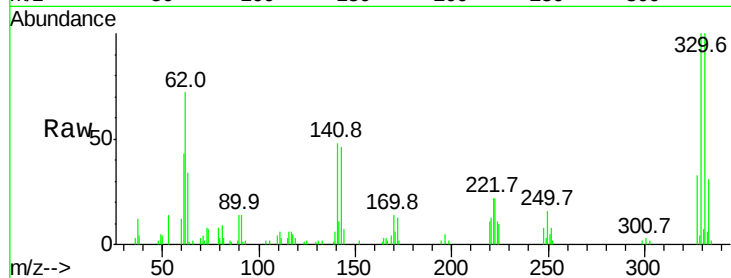
Tot Ion:330 Resp: 18438

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

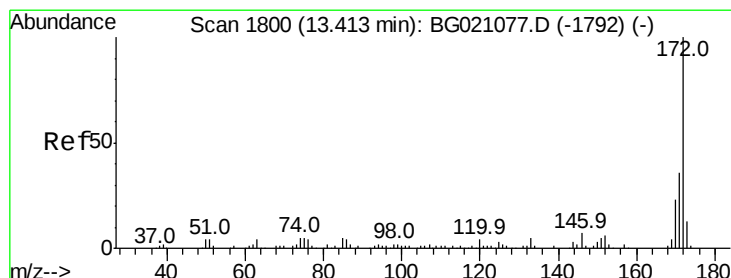
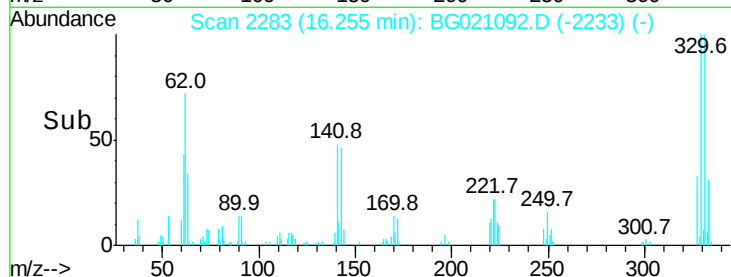
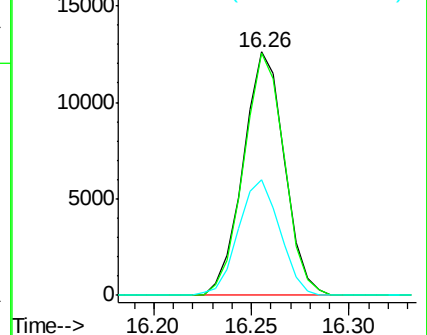
141 47.9 35.3 52.9



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: 59.86 ng

RT: 13.41 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

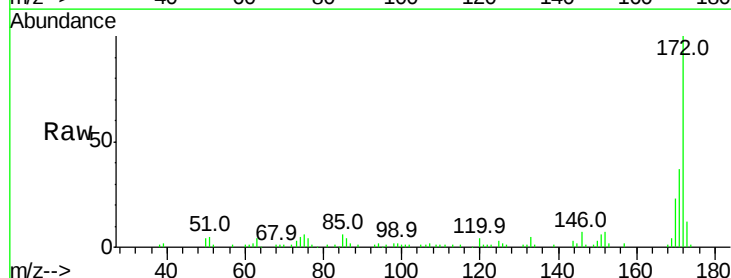
Tgt Ion:172 Resp: 63554

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

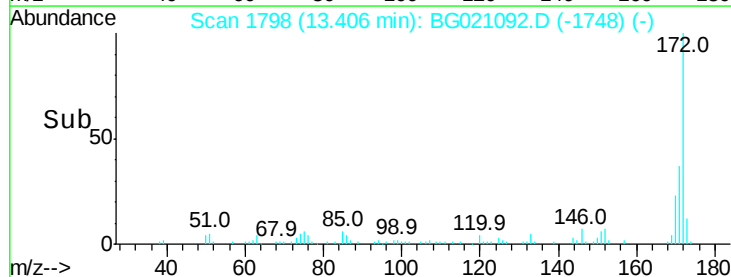
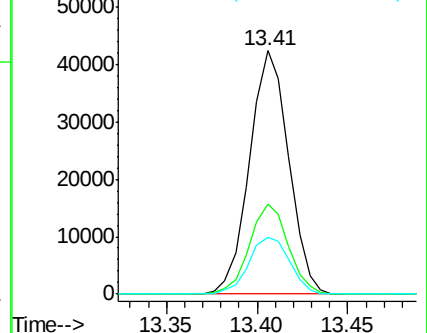
170 23.3 19.8 29.8

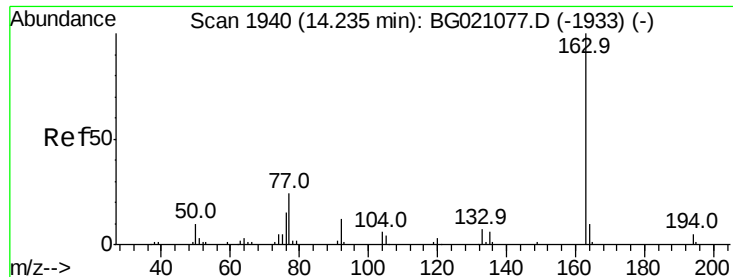


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.85 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG021092.D

Acq: 27 Feb 2016 00:05

Instrument :

BNA_G

ClientSampleId :

S7

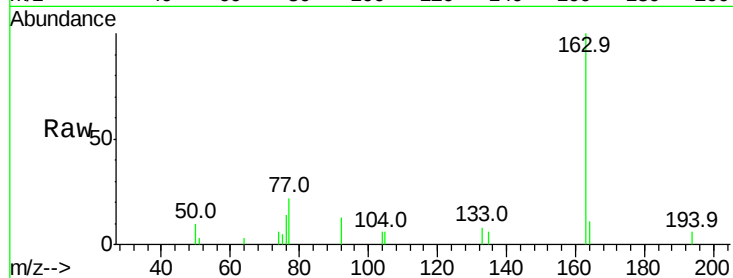
Tot Ion:163 Resp: 9197

Ion Ratio Lower Upper

163 100

194 6.2 2.8 4.2#

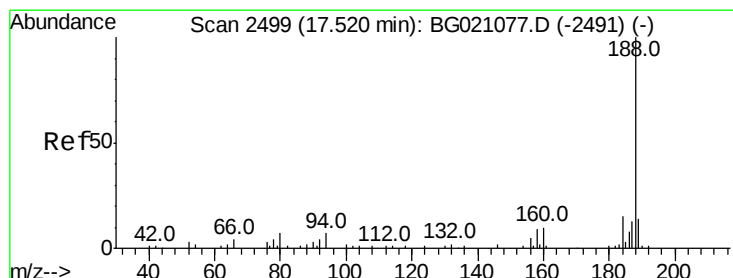
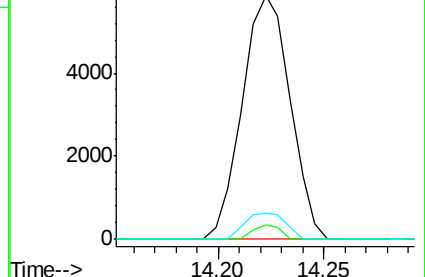
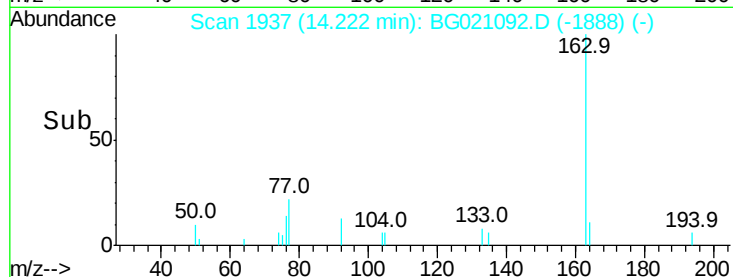
164 10.9 7.9 11.9



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: BG021092.D

Acq: 27 Feb 2016 00:05

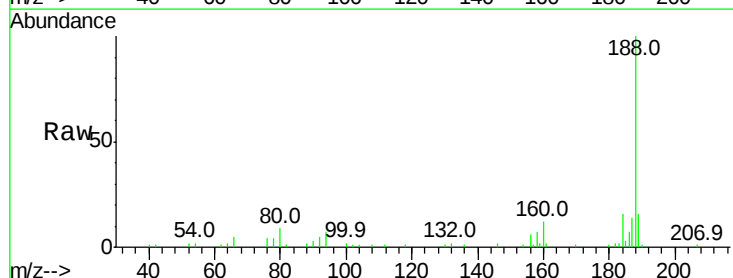
Tgt Ion:188 Resp: 36387

Ion Ratio Lower Upper

188 100

94 7.3 8.2 12.4#

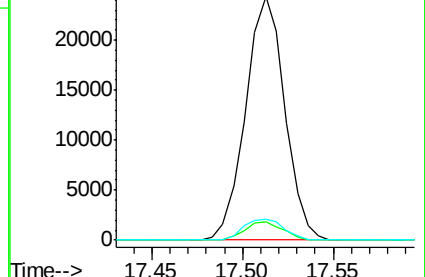
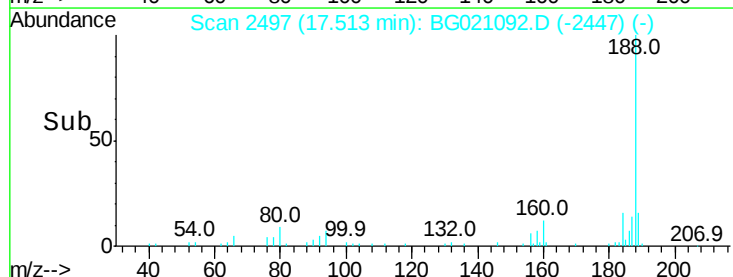
80 8.6 9.2 13.8#

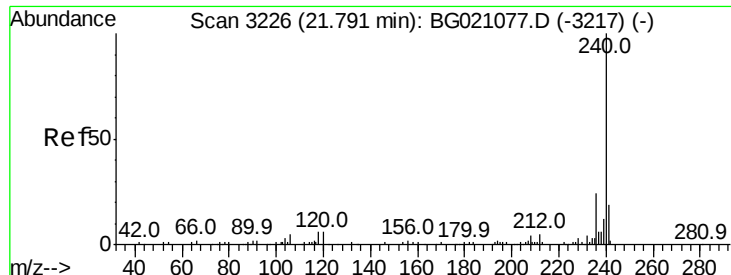


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

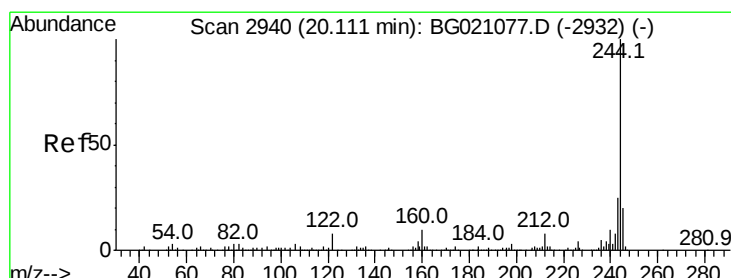
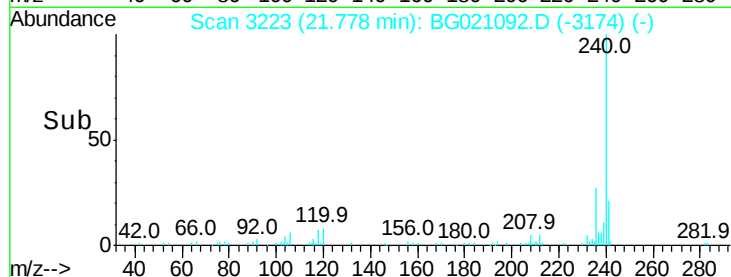
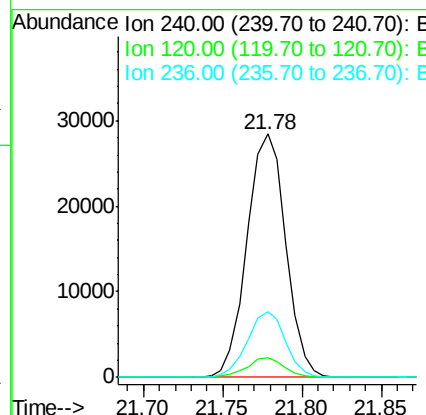
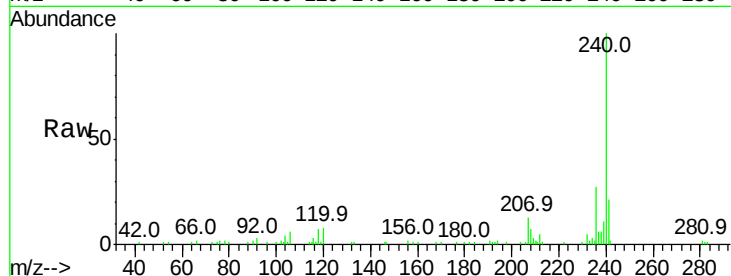




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG021092.D
 Acq: 27 Feb 2016 00:05

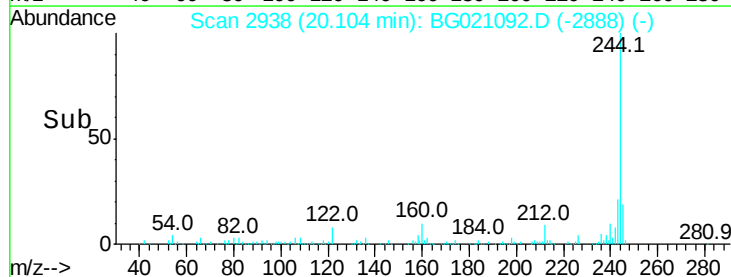
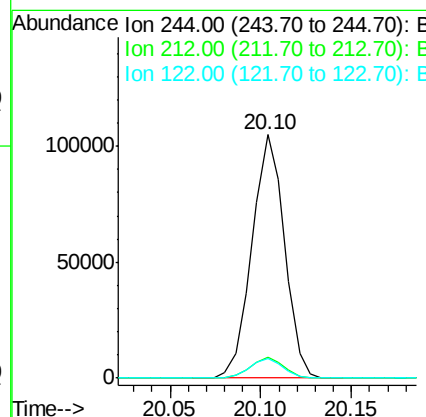
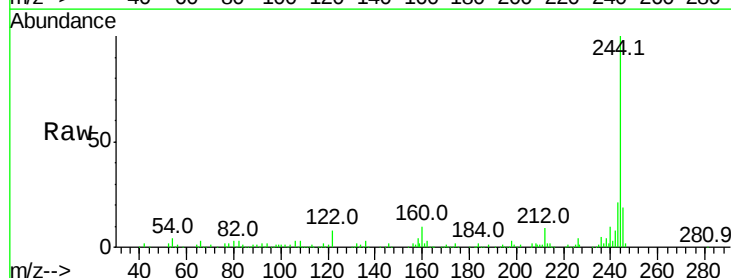
Instrument :
 BNA_G
 ClientSampleId :
 S7

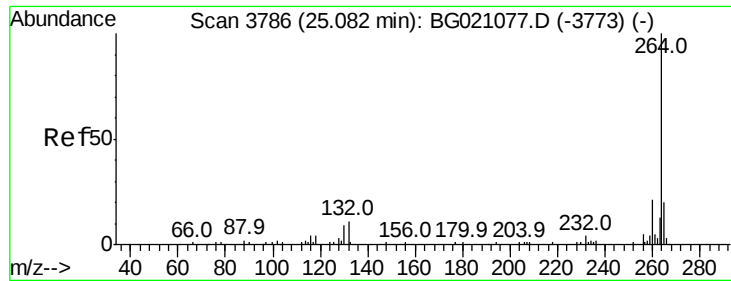
Tot Ion:240 Resp: 48329
 Ion Ratio Lower Upper
 240 100
 120 7.9 7.5 11.3
 236 26.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 63.31 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG021092.D
 Acq: 27 Feb 2016 00:05

Tgt Ion:244 Resp: 130914
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.6
 122 7.9 8.3 12.5#

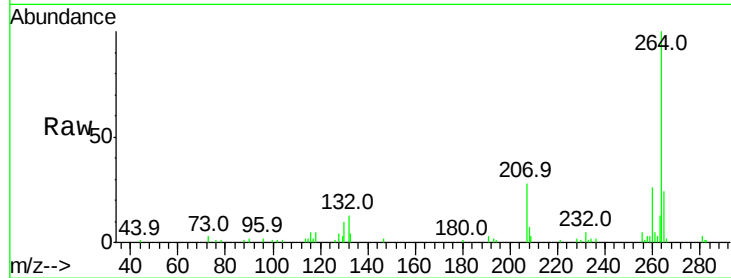




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3783
 Delta R.T. -0.01 min
 Lab File: BG021092.D
 Acq: 27 Feb 2016 00:05

Instrument :
 BNA_G
 ClientSampleId :
 S7

Tot Ion:	264	Resp:	43136
Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.5	27.7
265	24.2	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

