

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021094.D
 Acq On : 27 Feb 2016 1:24
 Operator : UM/SJ
 Sample : H1558-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S9

Quant Time: Feb 27 02:19:12 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

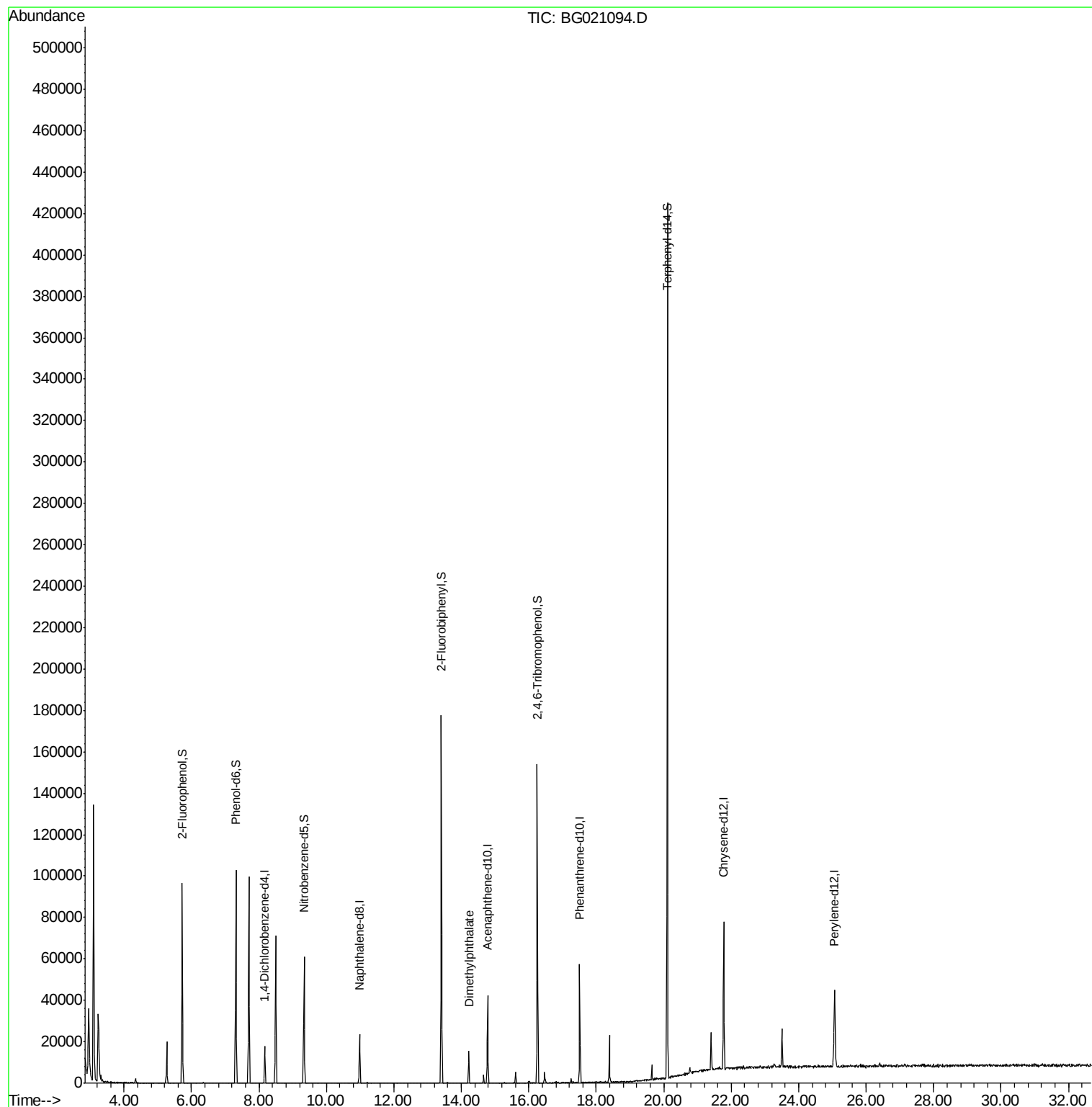
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	4938	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	21093	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	13790	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	36181	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	44720	20.00	ng	-0.02
86) Perylene-d12	25.07	264	41379	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	37880	134.30	ng	0.00
7) Phenol-d6	7.32	99	54807	130.58	ng	-0.01
23) Nitrobenzene-d5	9.34	82	37333	84.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	23725	131.22	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	84162	78.10	ng	0.00
78) Terphenyl-d14	20.11	244	170936	89.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	10269	8.64	ng	# 99

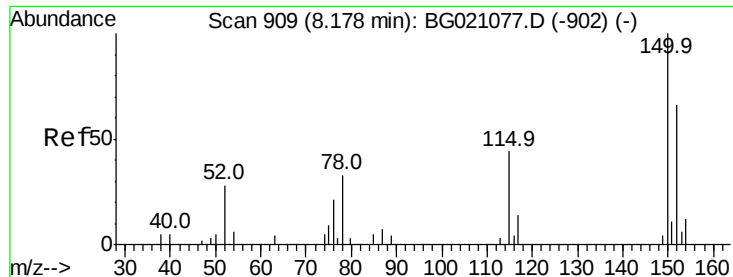
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG021094.D

Acq: 27 Feb 2016 1:24

Instrument :

BNA_G

ClientSampled :

S9

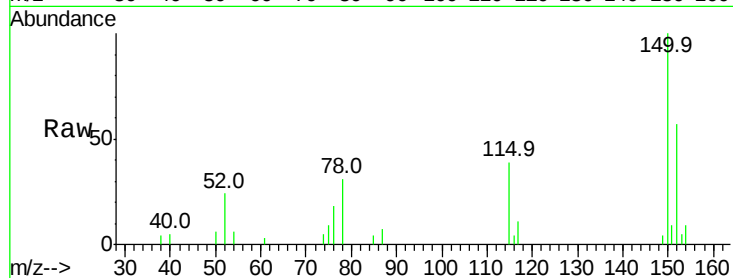
Tot Ion:152 Resp: 4938

Ion Ratio Lower Upper

152 100

150 174.2 123.4 185.2

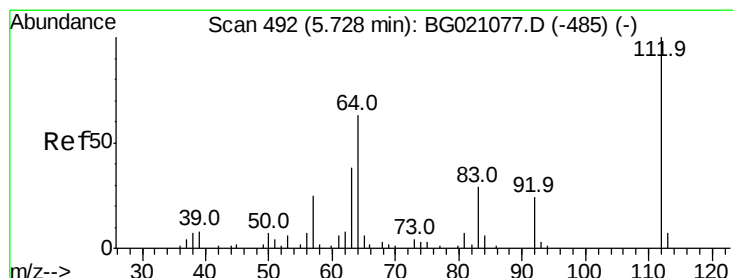
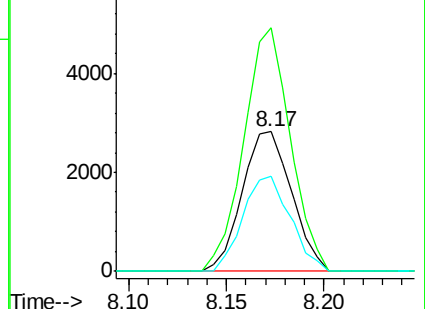
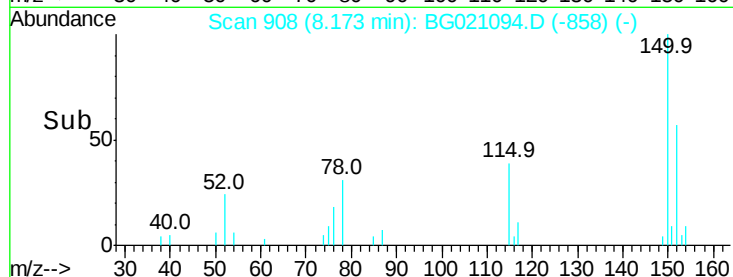
115 68.5 43.3 64.9#



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: 134.30 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021094.D

Acq: 27 Feb 2016 1:24

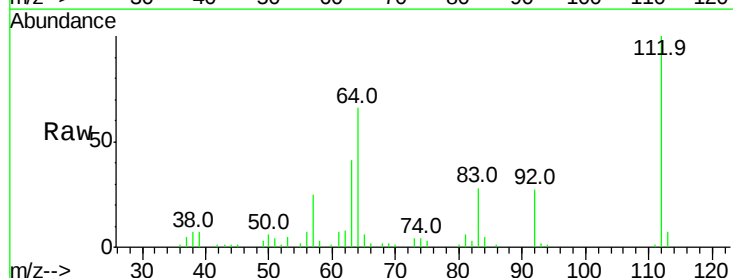
Tgt Ion:112 Resp: 37880

Ion Ratio Lower Upper

112 100

64 66.2 42.6 63.8#

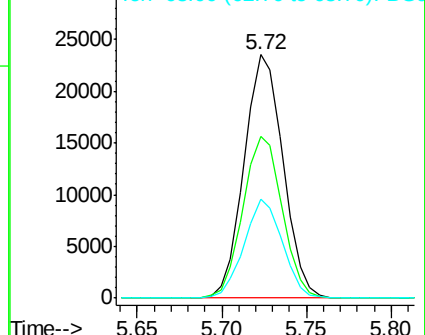
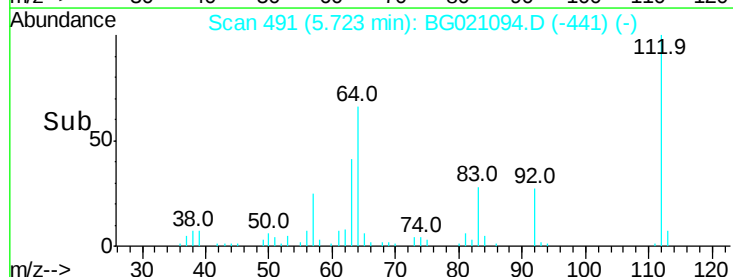
63 40.8 21.7 32.5#



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: 130.58 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021094.D

Acq: 27 Feb 2016 1:24

Instrument :

BNA_G

ClientSampled :

S9

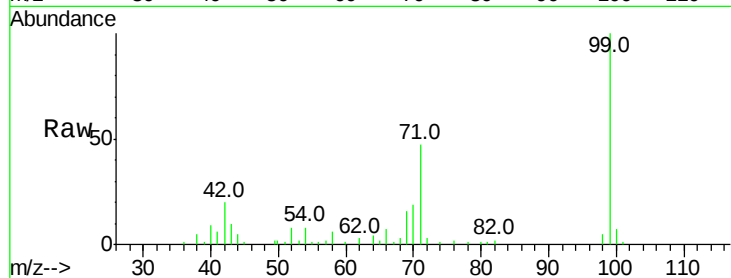
Tot Ion: 99 Resp: 54807

Ion Ratio Lower Upper

99 100

42 20.5 13.2 19.8#

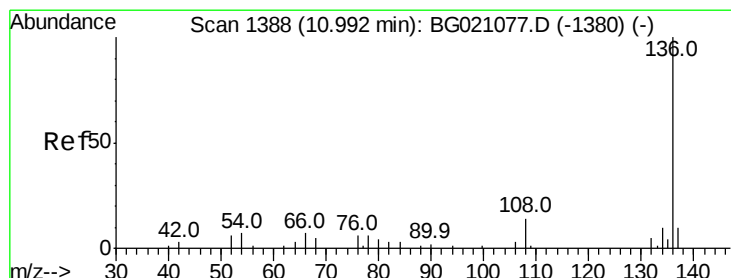
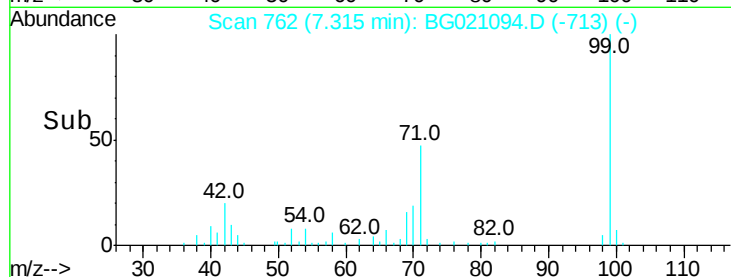
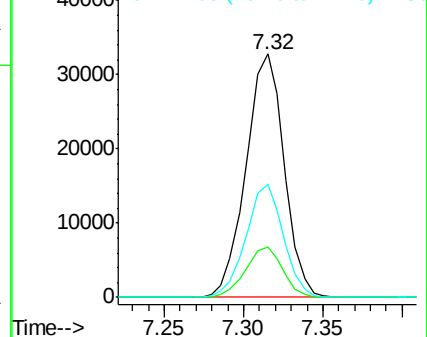
71 46.5 25.2 37.8#



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# 1386

Delta R.T. -0.01 min

Lab File: BG021094.D

Acq: 27 Feb 2016 1:24

Tgt Ion: 136 Resp: 21093

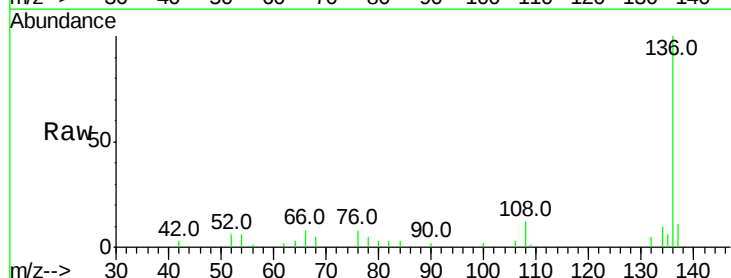
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.7 6.9 10.3#

68 5.2 5.8 8.6#

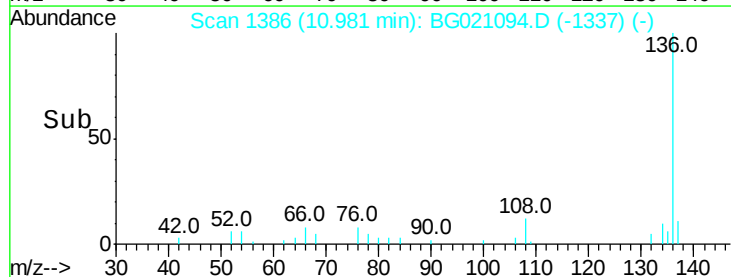
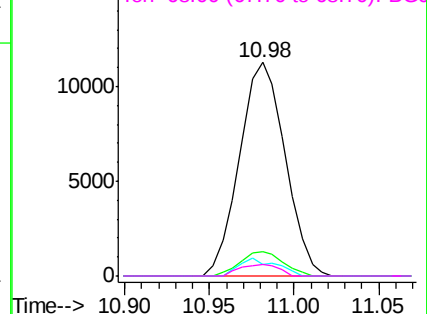


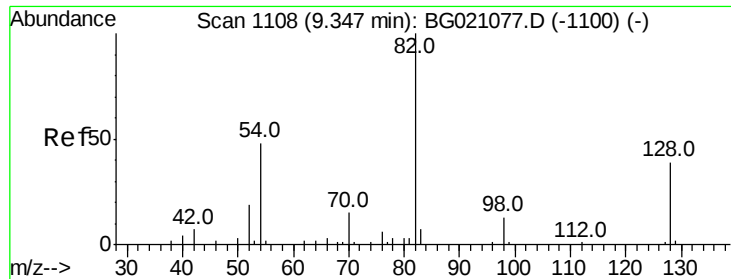
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

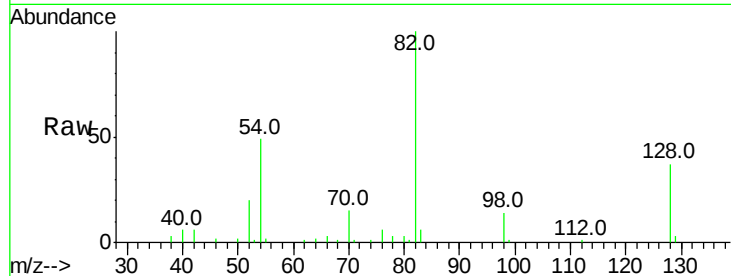




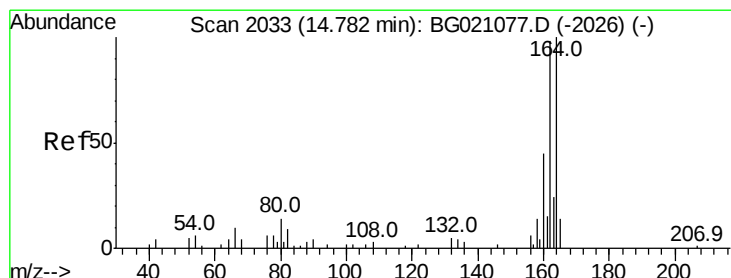
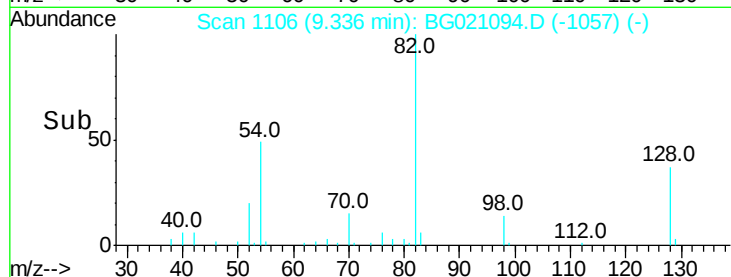
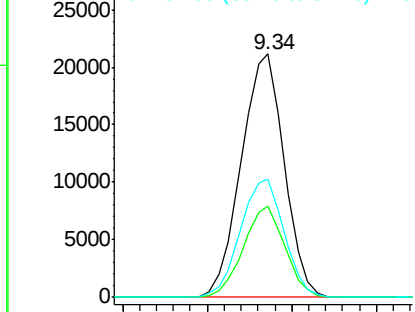
#23
 Nitrobenzene-d5
 Concen: 84.33 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

Instrument :
 BNA_G
 ClientSampled :
 S9

Tot Ion	82	Resp	37333
Ion	Ratio	Lower	Upper
82	100		
128	37.2	36.3	54.5
54	48.7	37.6	56.4

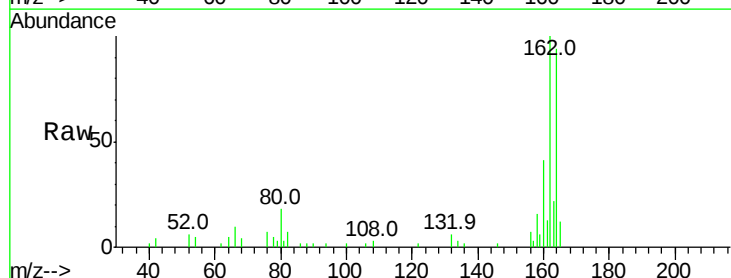


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

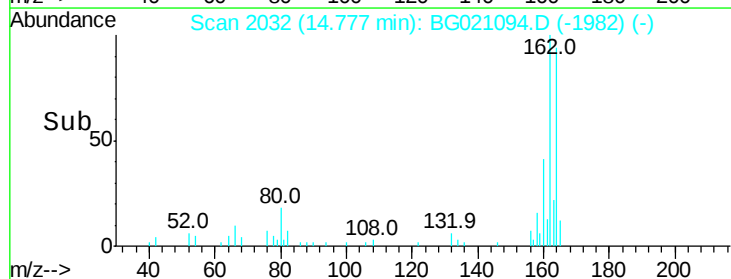
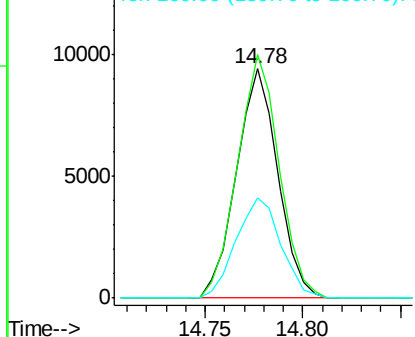


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

Tgt Ion	164	Resp	13790
Ion	Ratio	Lower	Upper
164	100		
162	106.3	80.6	120.8
160	44.0	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

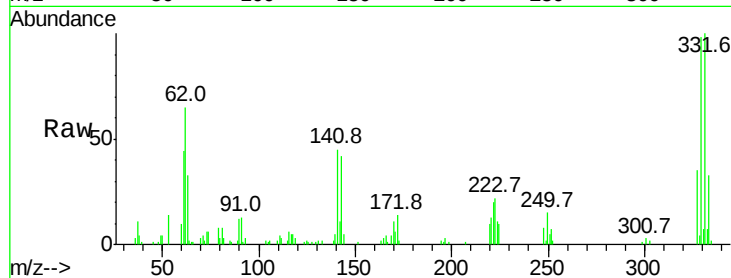




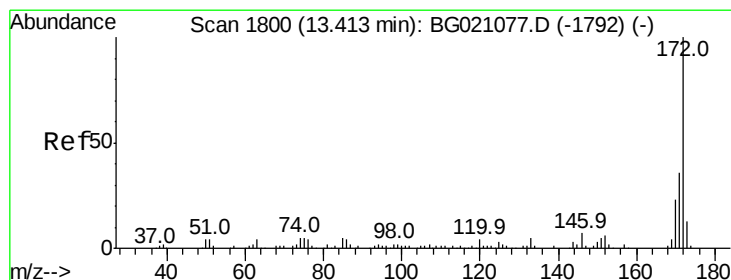
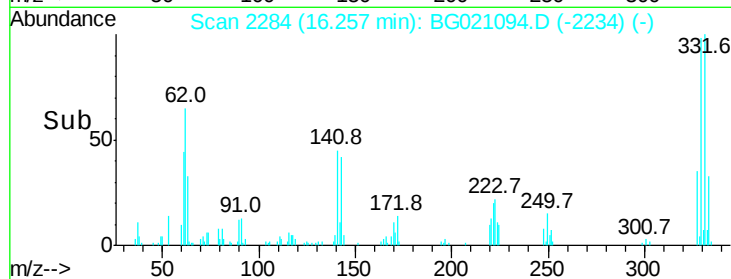
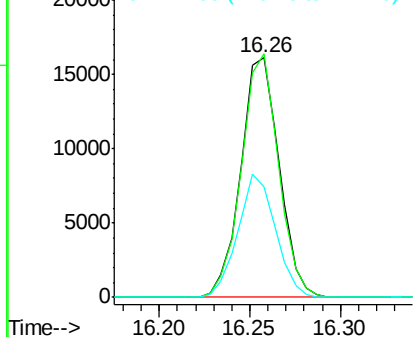
#41
 2,4,6-Tribromophenol
 Concen: 131.22 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

Instrument :
 BNA_G
 ClientSampled :
 S9

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.0
141	50.2	35.3	52.9

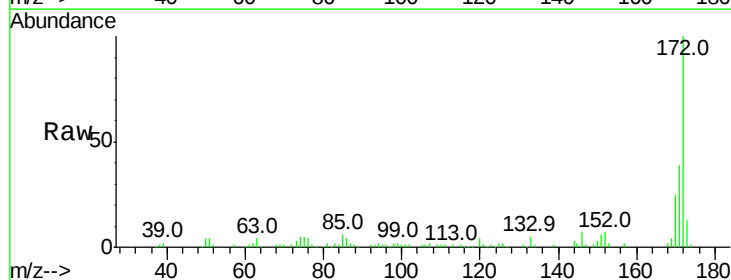


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

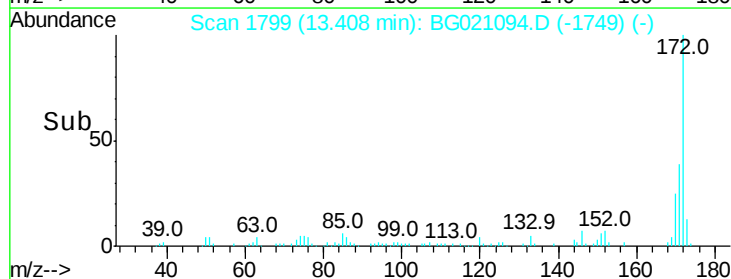
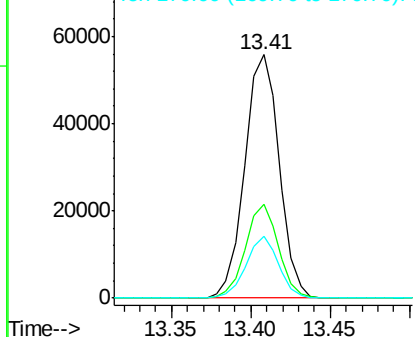


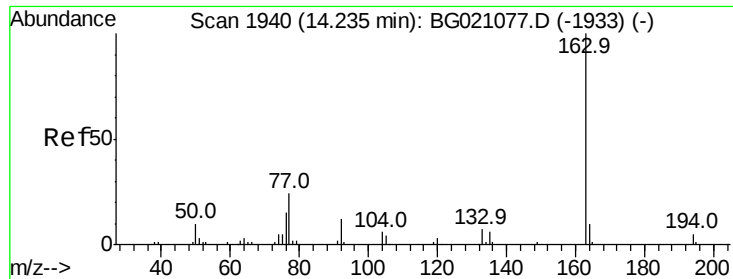
#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.4	44.0
170	25.2	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: 8.64 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021094.D

Acq: 27 Feb 2016 1:24

Instrument :

BNA_G

ClientSampleId :

S9

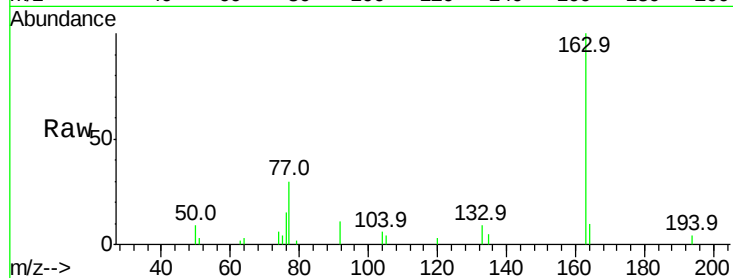
Tot Ion:163 Resp: 10269

Ion Ratio Lower Upper

163 100

194 4.4 2.8 4.2#

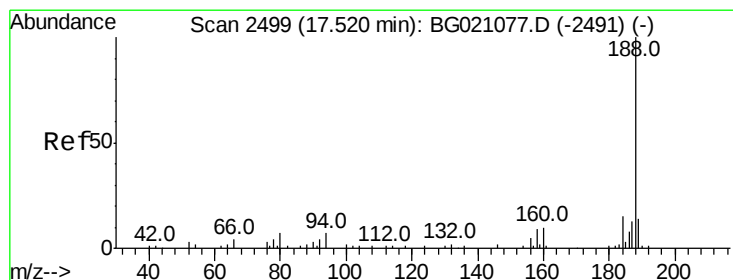
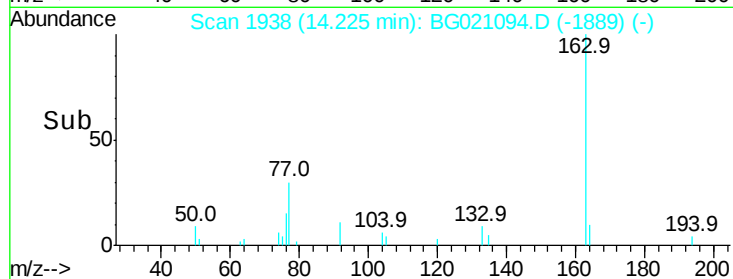
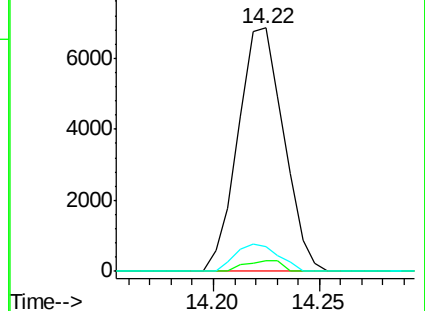
164 10.1 7.9 11.9



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: BG021094.D

Acq: 27 Feb 2016 1:24

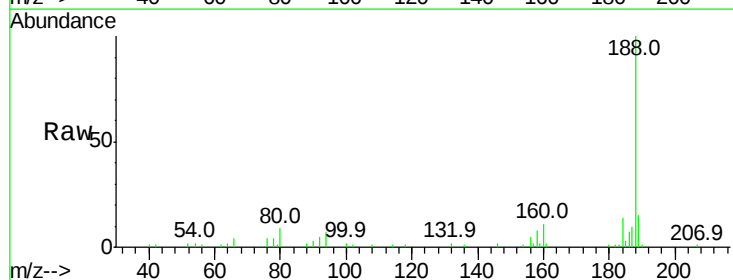
Tgt Ion:188 Resp: 36181

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.4#

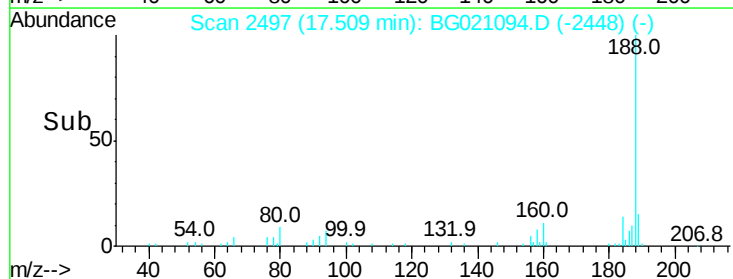
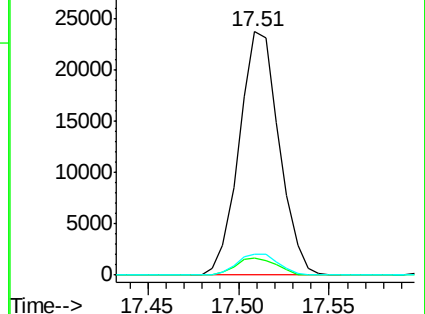
80 8.7 9.2 13.8#

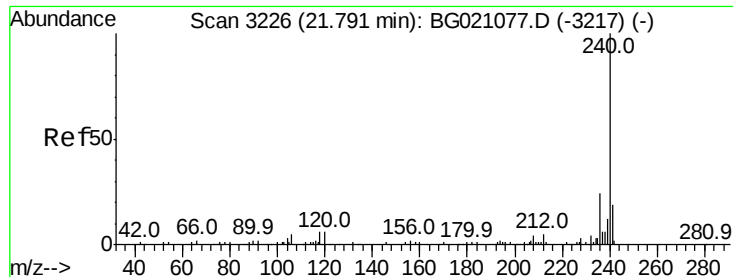


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

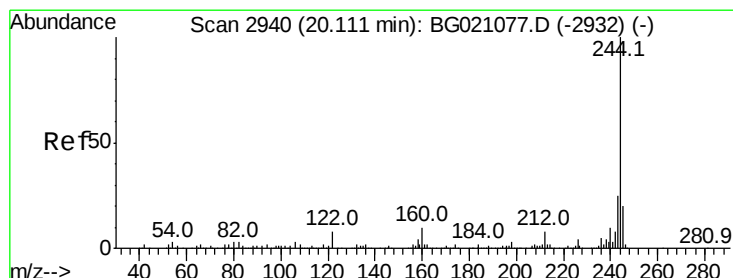
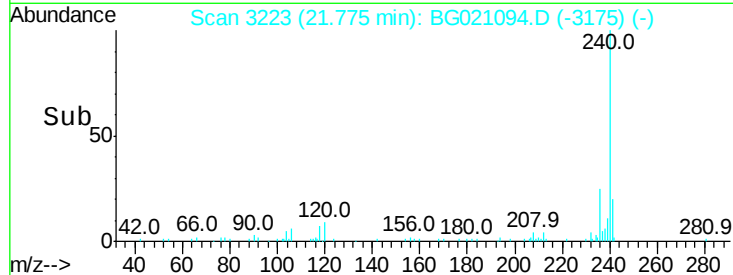
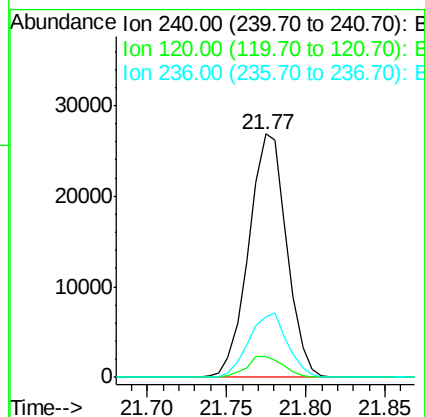
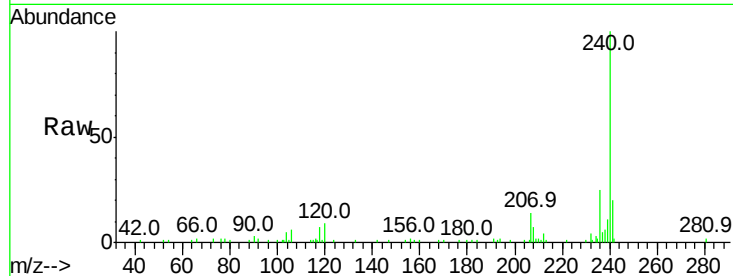




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

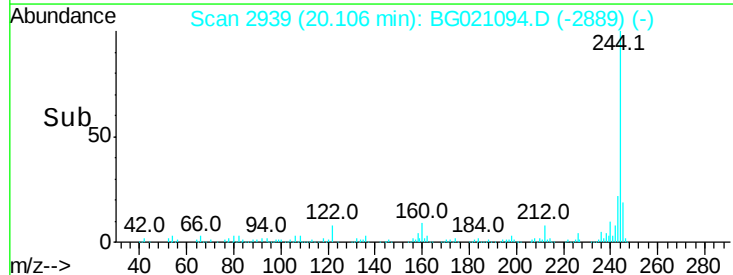
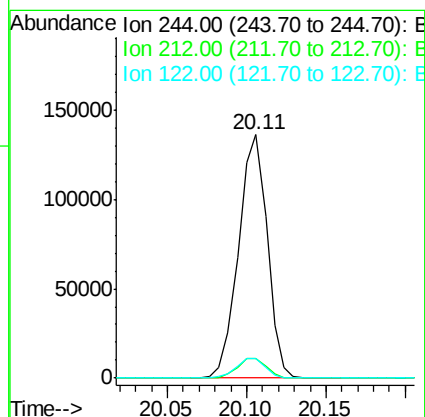
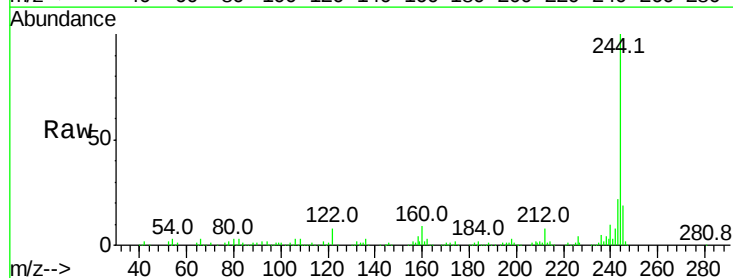
Instrument :
 BNA_G
 ClientSampleId :
 S9

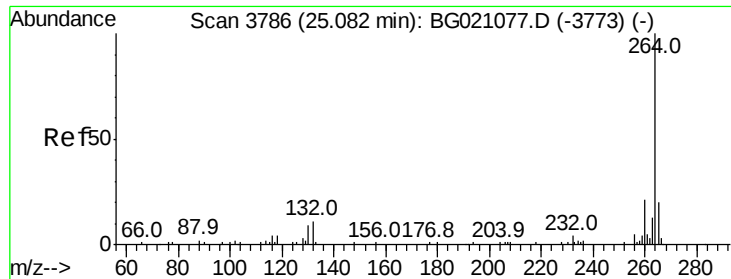
Tot Ion:240 Resp: 44720
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.5 11.3
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 89.33 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

Tgt Ion:244 Resp: 170936
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 8.1 8.3 12.5#

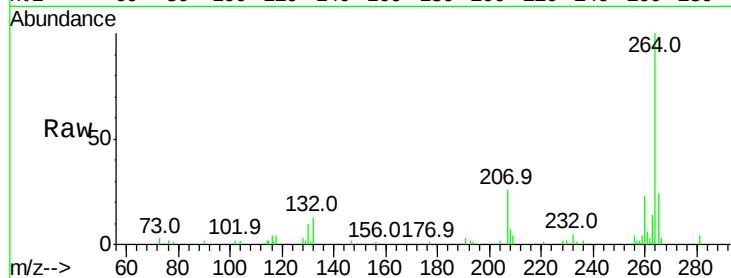




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3784
 Delta R.T. -0.01 min
 Lab File: BG021094.D
 Acq: 27 Feb 2016 1:24

Instrument :
 BNA_G
 ClientSampleId :
 S9

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	23.5	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

