

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021086.D
 Acq On : 26 Feb 2016 20:09
 Operator : UM/SJ
 Sample : H1558-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3

Quant Time: Feb 27 01:17:04 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

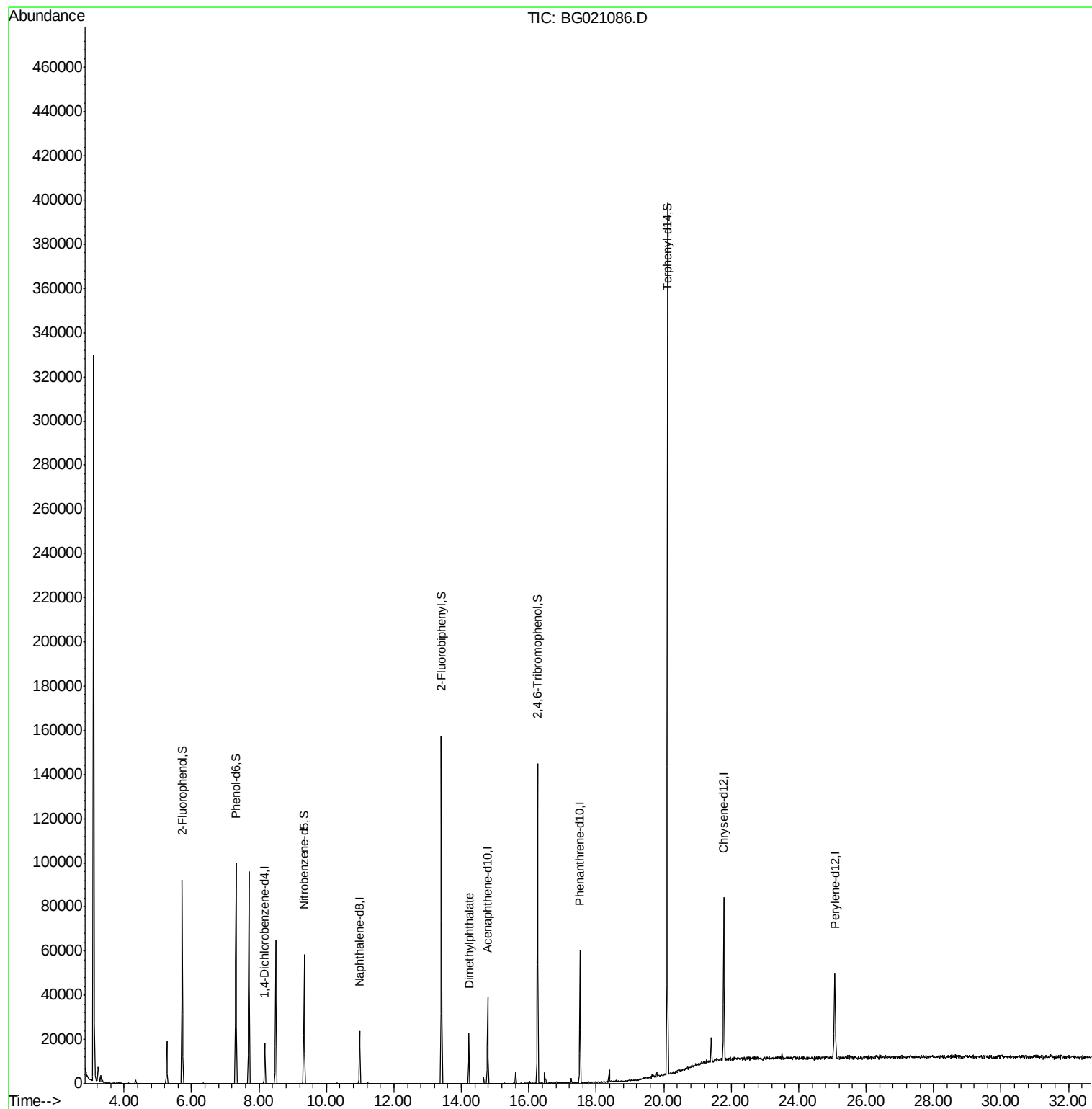
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	4949	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	20686	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	13813	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	35809	20.00	ng	0.00
75) Chrysene-d12	21.78	240	45829	20.00	ng	-0.01
86) Perylene-d12	25.07	264	42550	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	36049	127.52	ng	0.00
7) Phenol-d6	7.32	99	52396	124.56	ng	-0.01
23) Nitrobenzene-d5	9.34	82	35396	81.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	23105	127.58	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	75805	70.23	ng	0.00
78) Terphenyl-d14	20.11	244	158610	80.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	13823	11.61	ng	Qvalue # 98

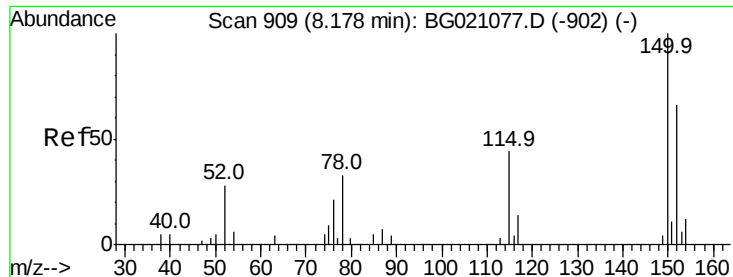
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG021086.D

Acq: 26 Feb 2016 20:09

Instrument :

BNA_G

ClientSampleId :

S3

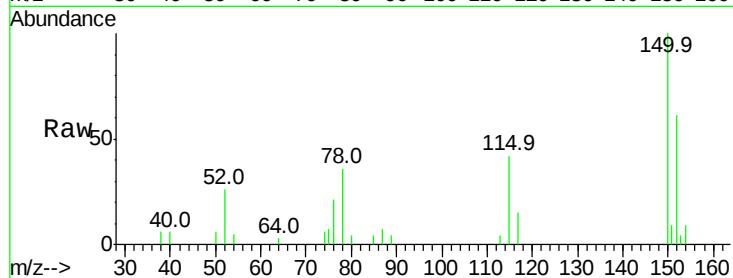
Tot Ion:152 Resp: 4949

Ion Ratio Lower Upper

152 100

150 165.0 123.4 185.2

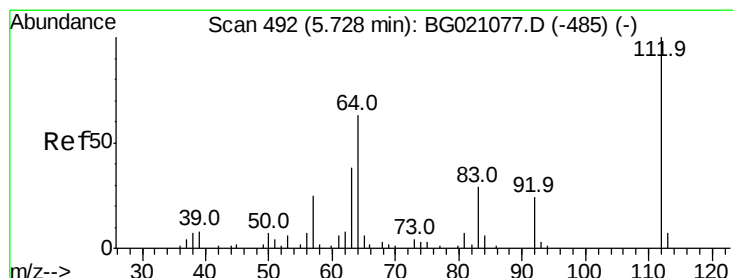
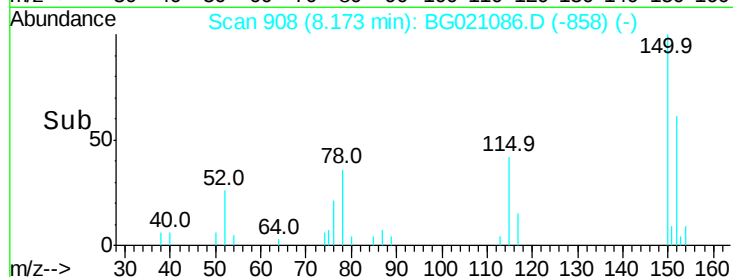
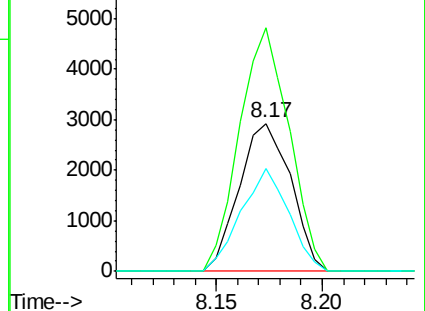
115 69.3 43.3 64.9#



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: 127.52 ng

RT: 5.73 min Scan# 492

Delta R.T. 0.00 min

Lab File: BG021086.D

Acq: 26 Feb 2016 20:09

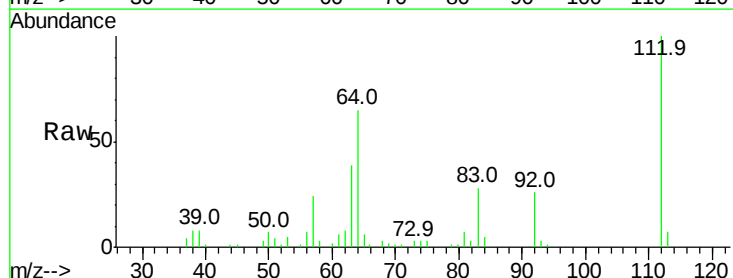
Tgt Ion:112 Resp: 36049

Ion Ratio Lower Upper

112 100

64 64.5 42.6 63.8#

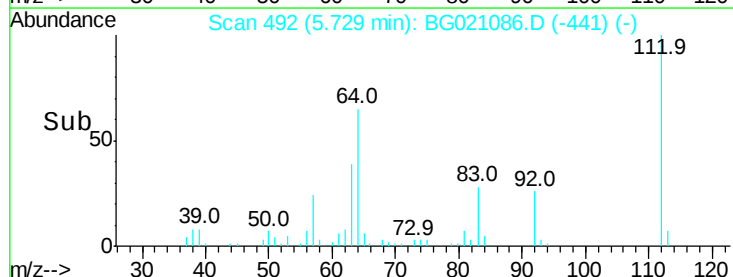
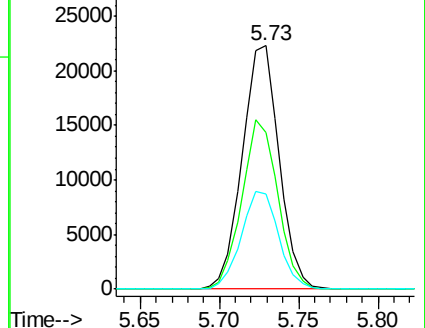
63 38.9 21.7 32.5#



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: 124.56 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021086.D

Acq: 26 Feb 2016 20:09

Instrument :

BNA_G

ClientSampleId :

S3

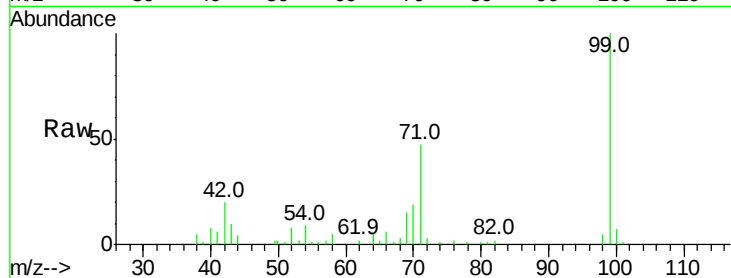
Tot Ion: 99 Resp: 52396

Ion Ratio Lower Upper

99 100

42 20.5 13.2 19.8#

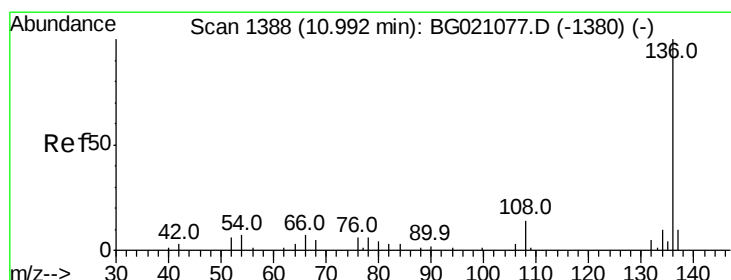
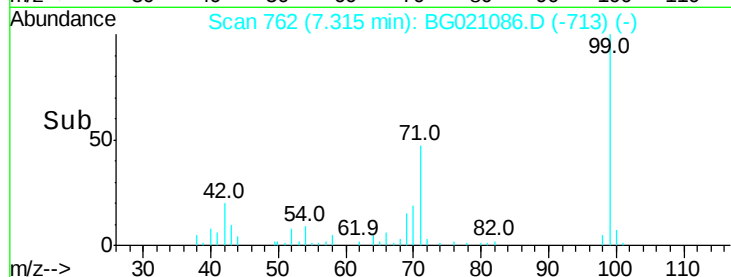
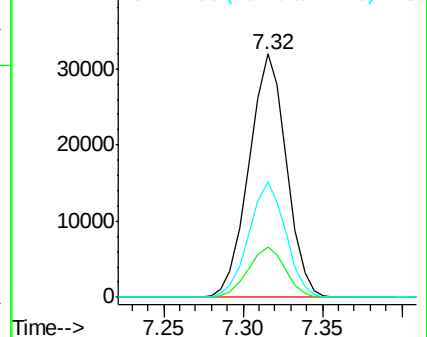
71 47.3 25.2 37.8#



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: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG021086.D

Acq: 26 Feb 2016 20:09

Tgt Ion: 136 Resp: 20686

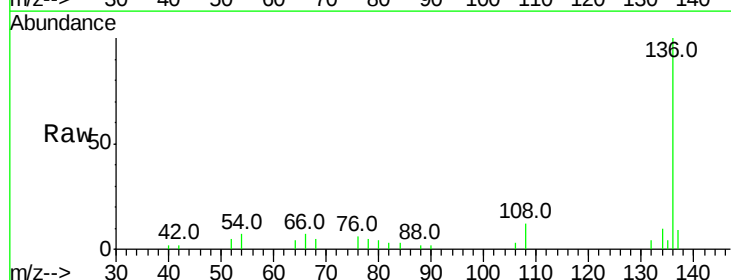
Ion Ratio Lower Upper

136 100

137 9.4 8.8 13.2

54 7.5 6.9 10.3

68 4.7 5.8 8.6#

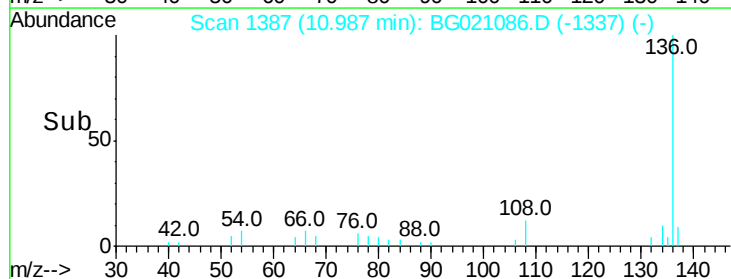
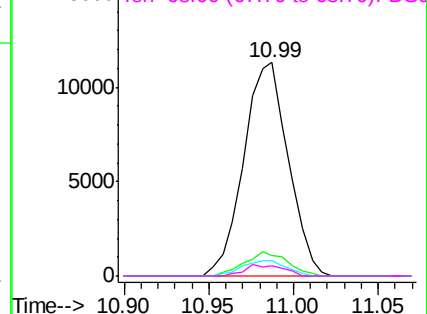


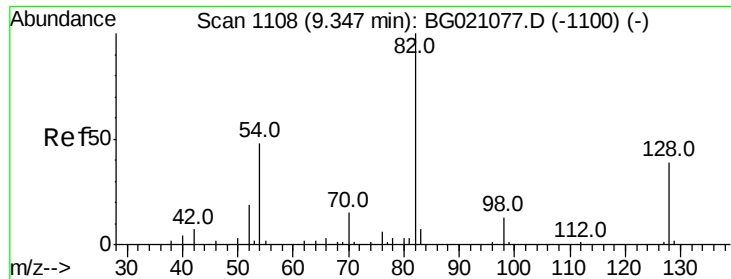
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

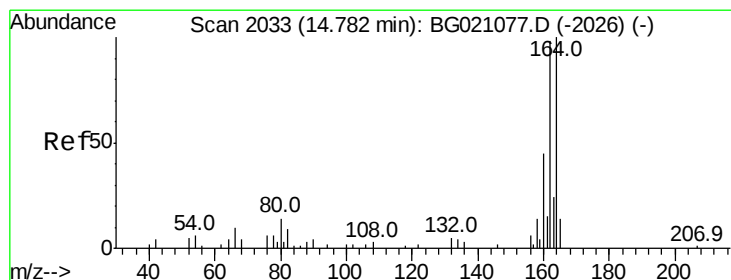
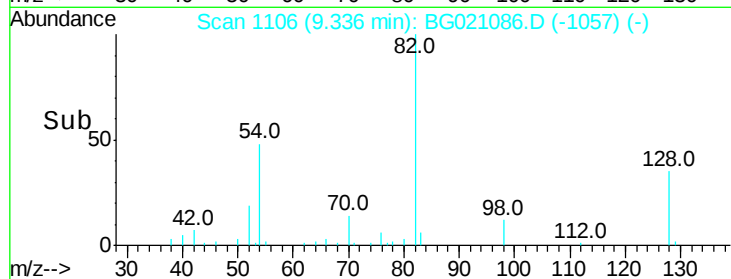
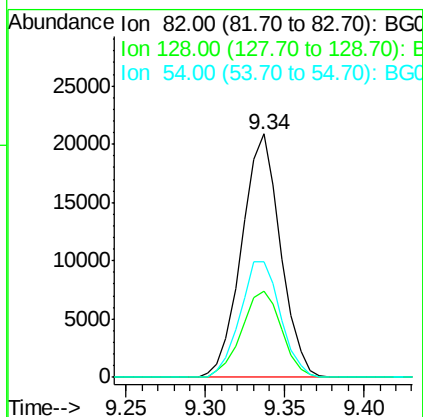
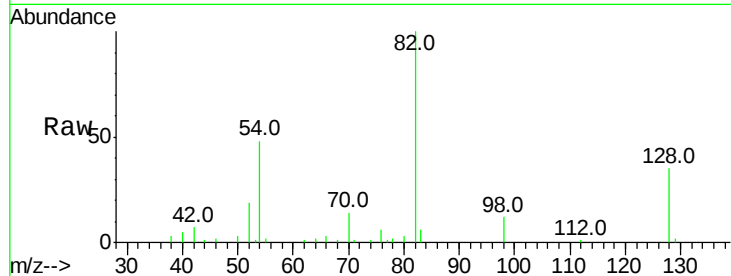




#23
Nitrobenzene-d5
Concen: 81.53 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG021086.D
Acq: 26 Feb 2016 20:09

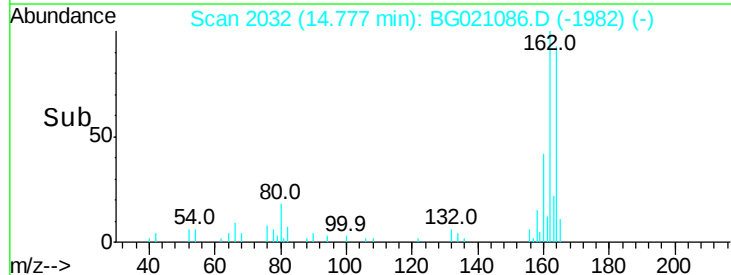
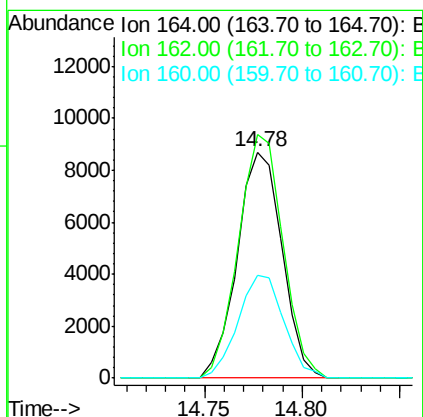
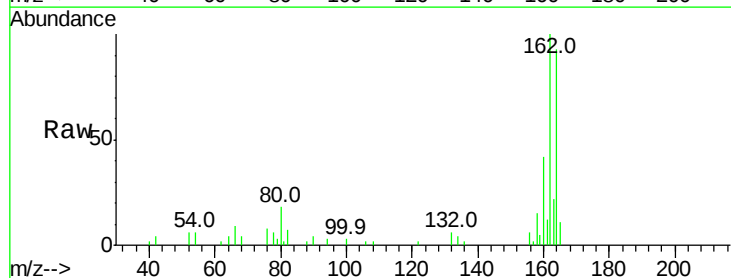
Instrument :
BNA_G
ClientSampleId :
S3

Tot Ion: 82 Resp: 35396
Ion Ratio Lower Upper
82 100
128 35.3 36.3 54.5#
54 47.6 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG021086.D
Acq: 26 Feb 2016 20:09

Tgt Ion: 164 Resp: 13813
Ion Ratio Lower Upper
164 100
162 107.8 80.6 120.8
160 45.8 36.5 54.7

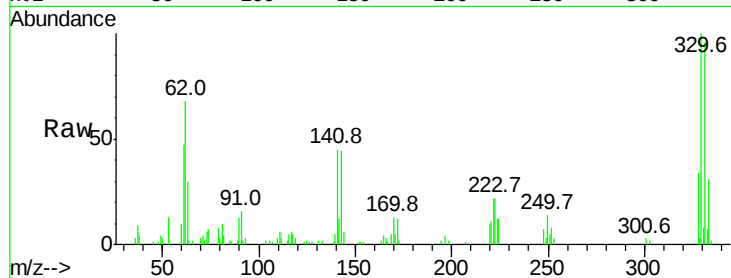




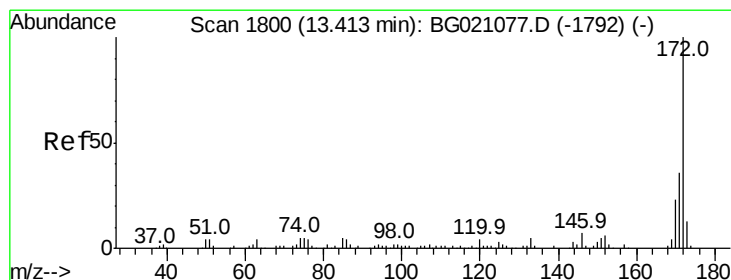
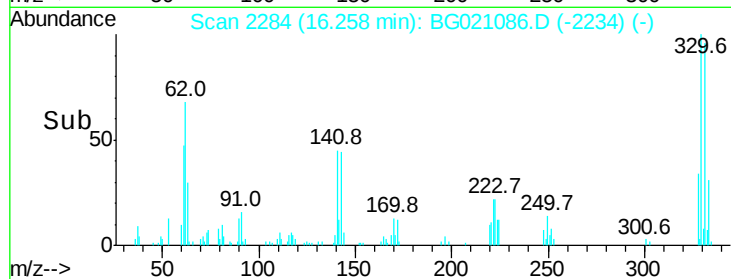
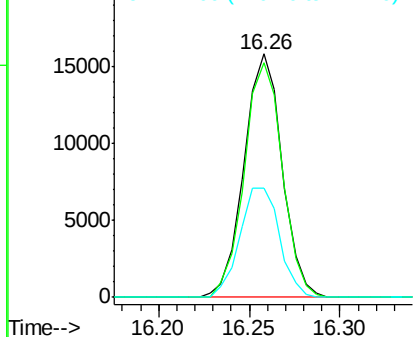
#41
 2,4,6-Tribromophenol
 Concen: 127.58 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

Instrument :
 BNA_G
 ClientSampled :
 S3

Tot Ion:330 Resp: 23105
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 46.8 35.3 52.9

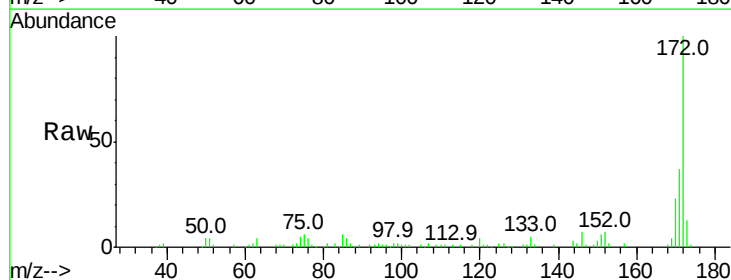


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

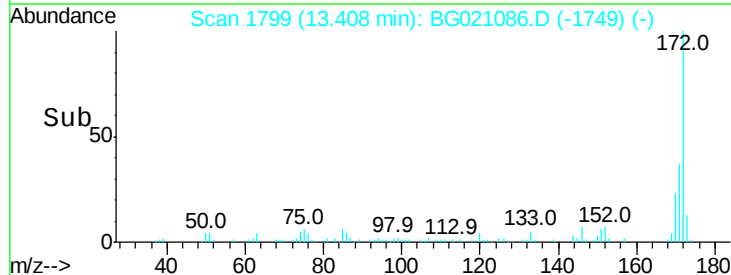
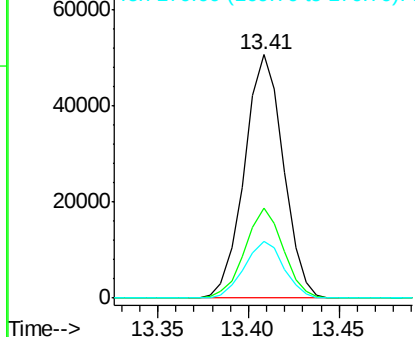


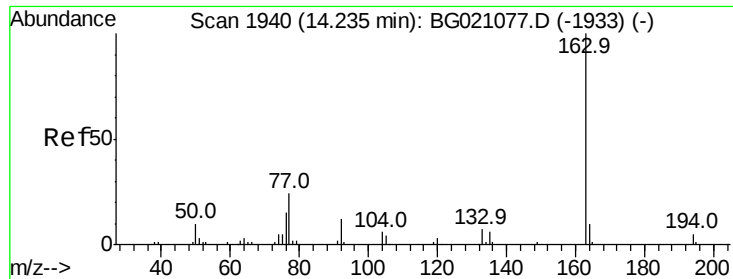
#44
 2-Fluorobiphenyl
 Concen: 70.23 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

Tgt Ion:172 Resp: 75805
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 23.2 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: 11.61 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021086.D

Acq: 26 Feb 2016 20:09

Instrument :

BNA_G

ClientSampled :

S3

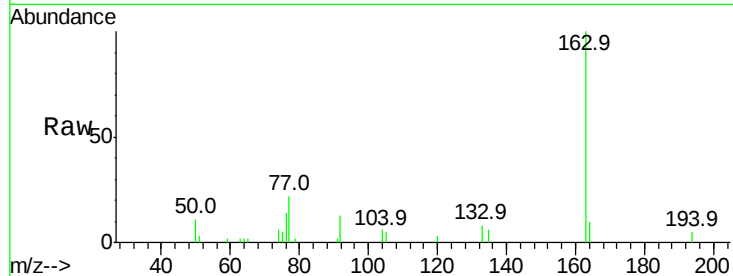
Tot Ion:163 Resp: 13823

Ion Ratio Lower Upper

163 100

194 4.7 2.8 4.2#

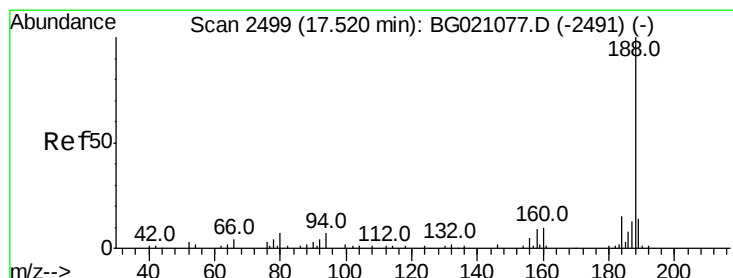
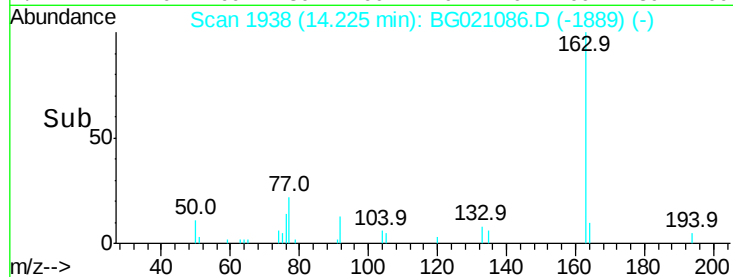
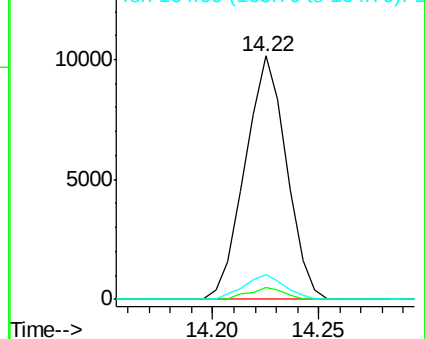
164 10.2 7.9 11.9



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: 17.52 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG021086.D

Acq: 26 Feb 2016 20:09

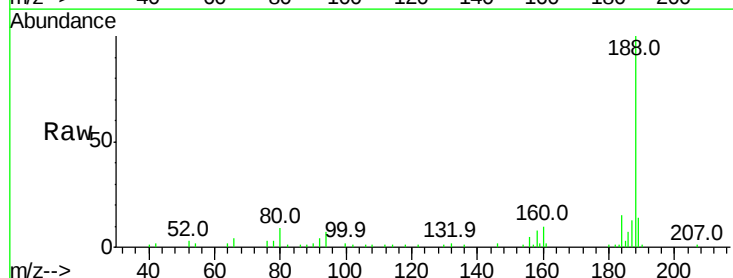
Tgt Ion:188 Resp: 35809

Ion Ratio Lower Upper

188 100

94 7.3 8.2 12.4#

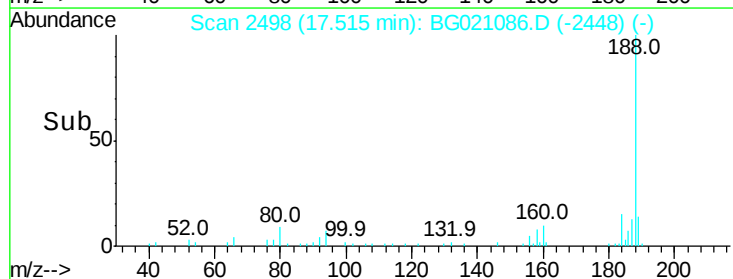
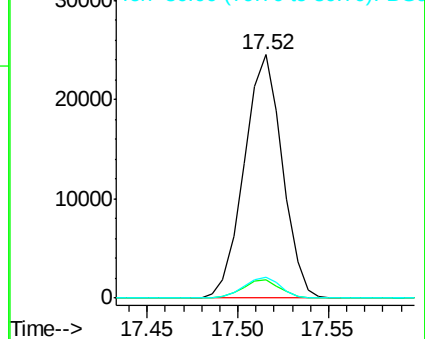
80 8.6 9.2 13.8#

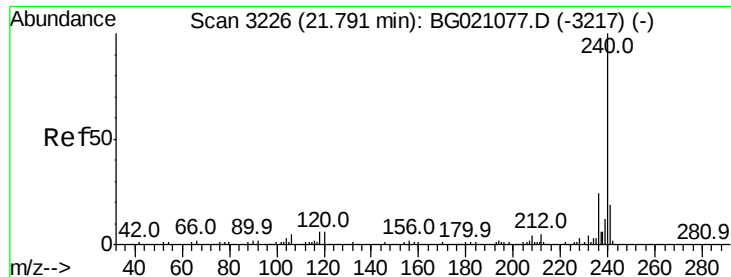


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

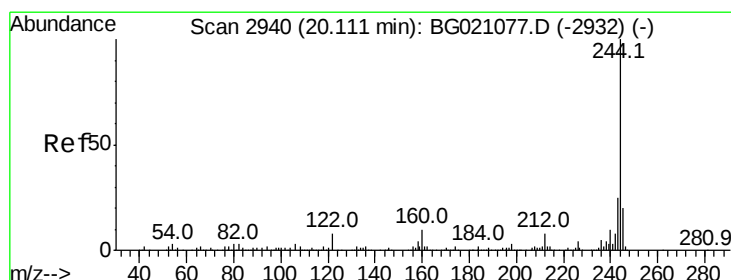
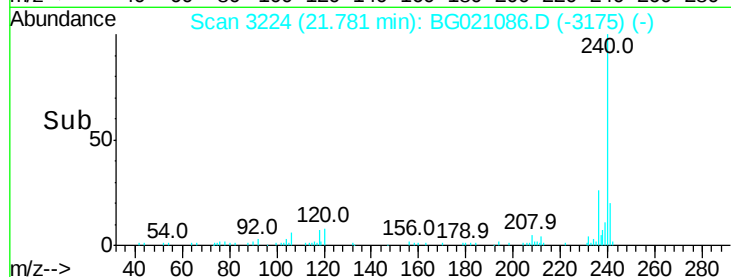
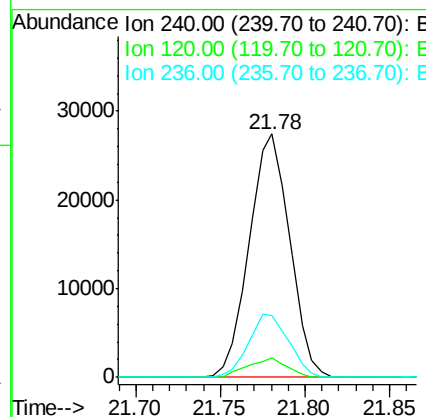
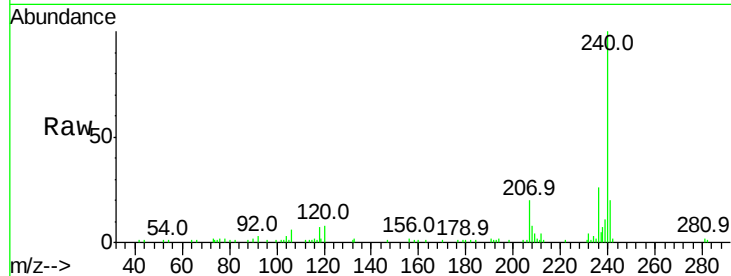




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

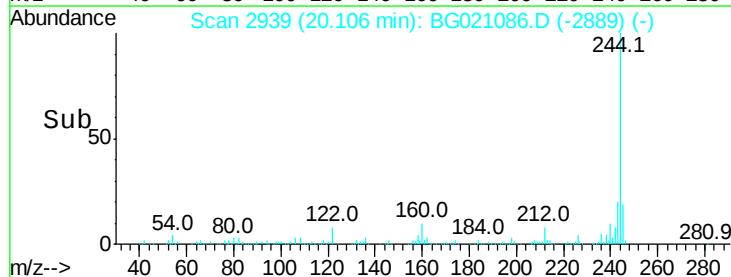
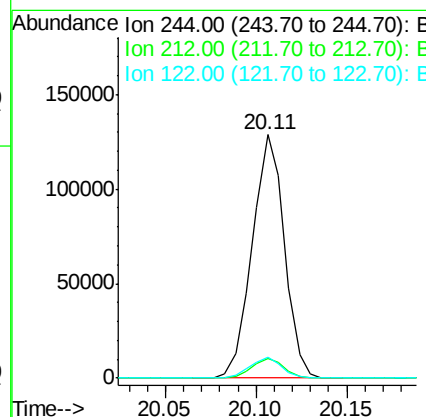
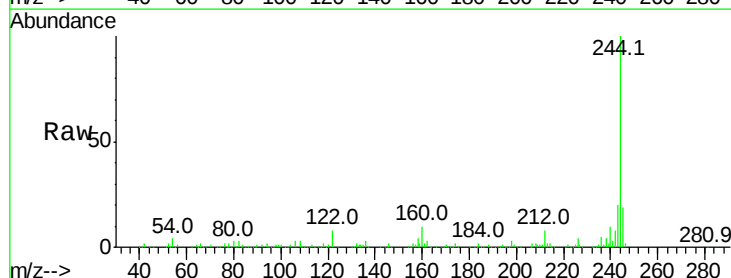
Instrument :
 BNA_G
 ClientSampled :
 S3

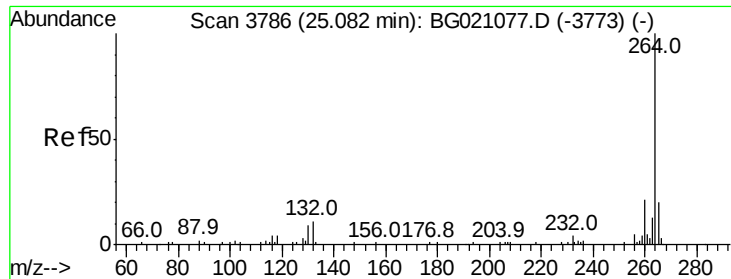
Tot Ion:240 Resp: 45829
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.5 11.3
 236 25.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 80.88 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

Tgt Ion:244 Resp: 158610
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 8.4 8.3 12.5

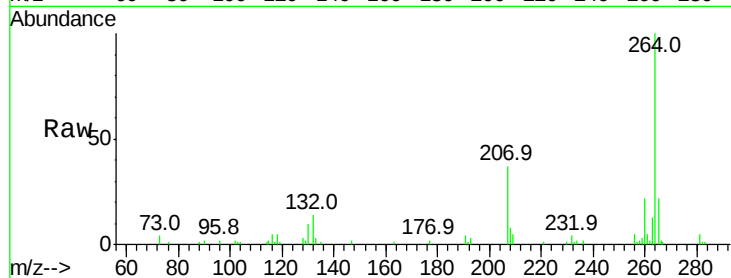




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. -0.02 min
Lab File: BG021086.D
Acq: 26 Feb 2016 20:09

Instrument :
BNA_G
ClientSampleId :
S3

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.5	27.7
265	21.7	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

