

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

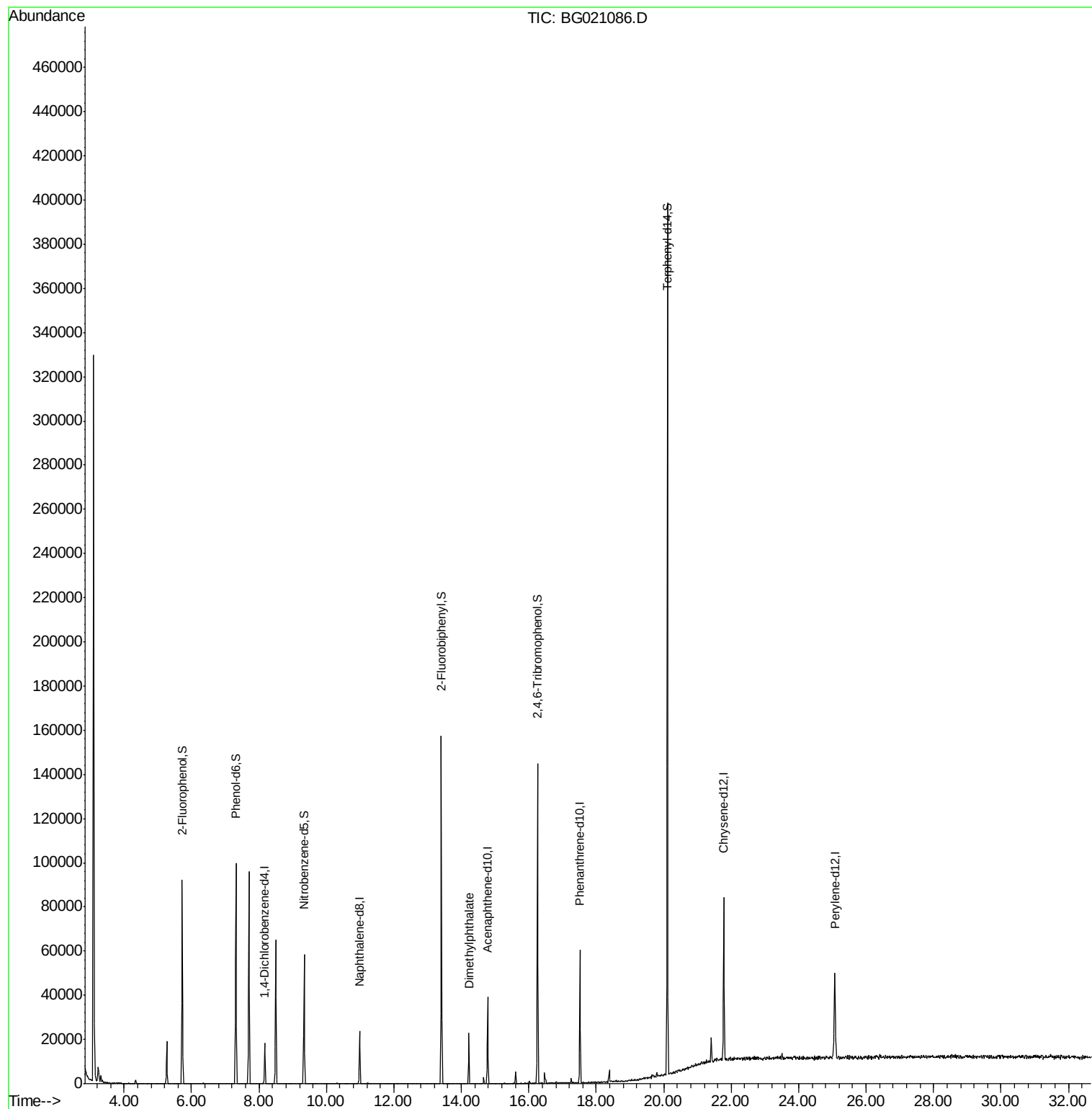
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	4949	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	20686	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	13813	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	35809	20.00	ng	0.00
75) Chrysene-d12	21.78	240	45829	20.00	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

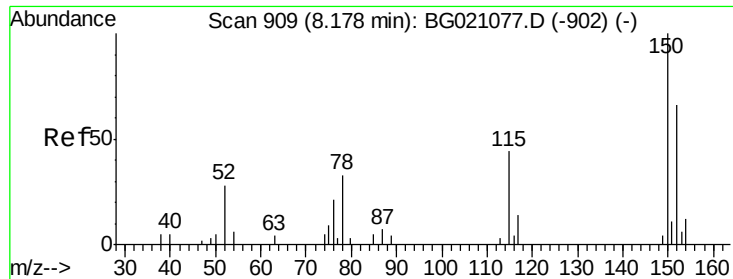
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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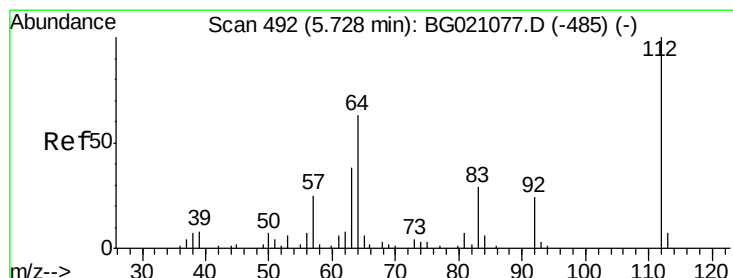
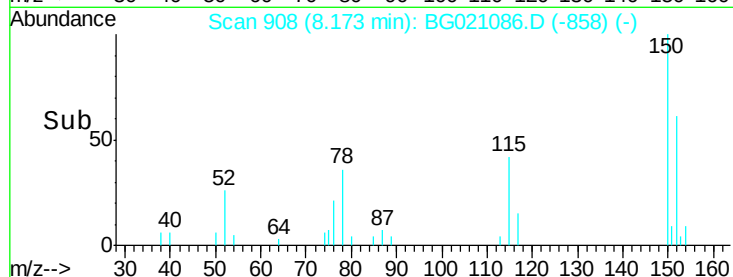
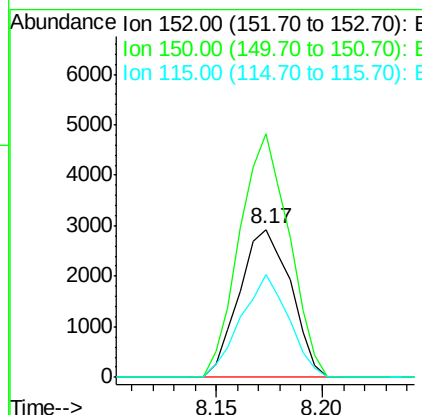
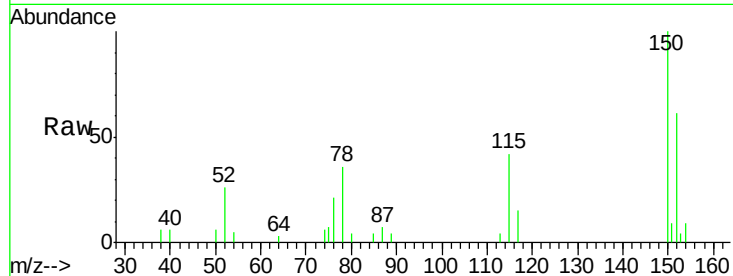


#1

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

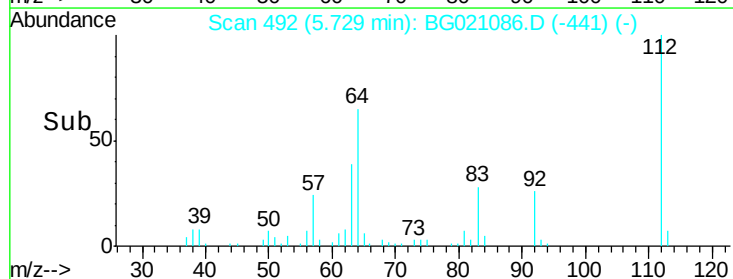
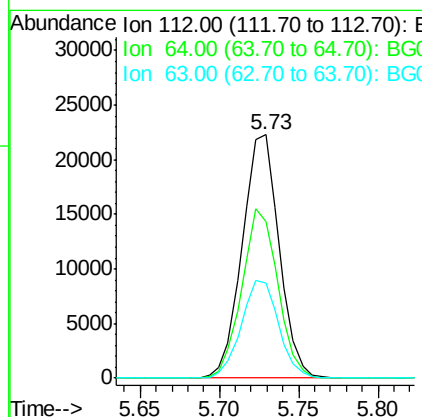
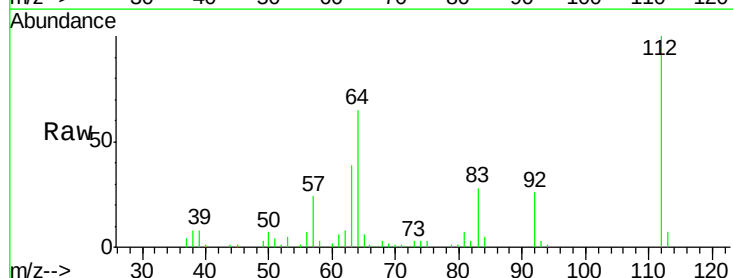
Tgt Ion:152 Resp: 4949
Ion Ratio Lower Upper
152 100
150 165.0 123.4 185.2
115 69.3 43.3 64.9#

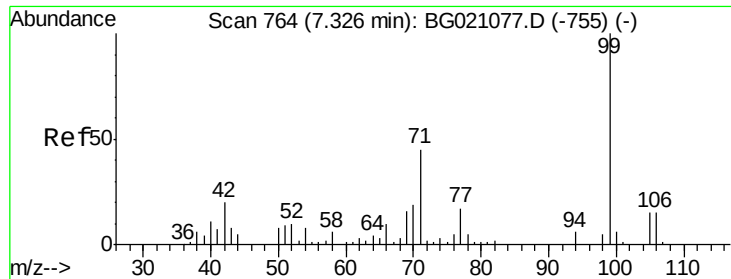


#5

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#





#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

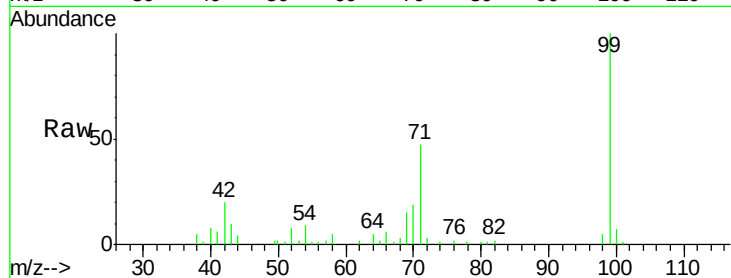
Tgt Ion: 99 Resp: 52396

Ion Ratio Lower Upper

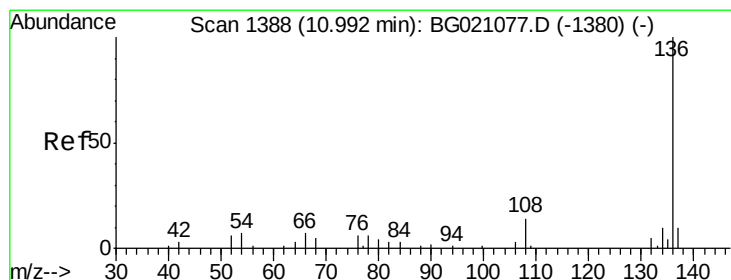
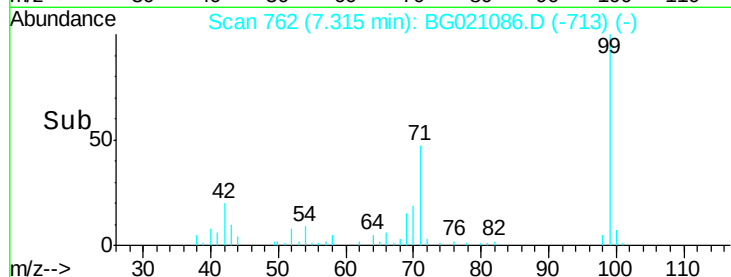
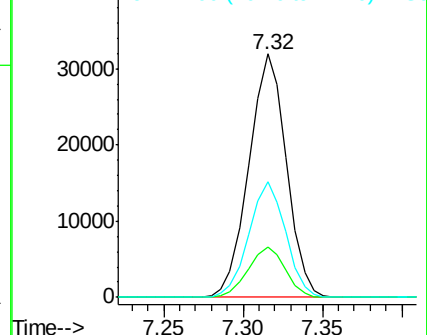
99 100

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

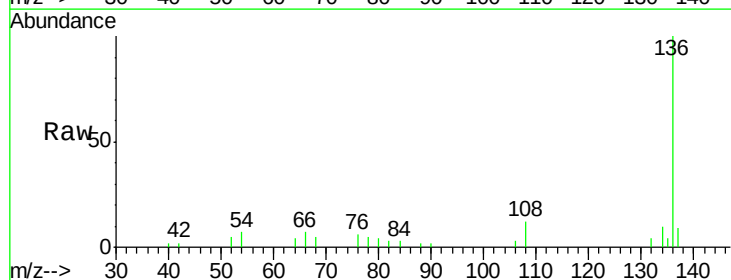
Ion Ratio Lower Upper

136 100

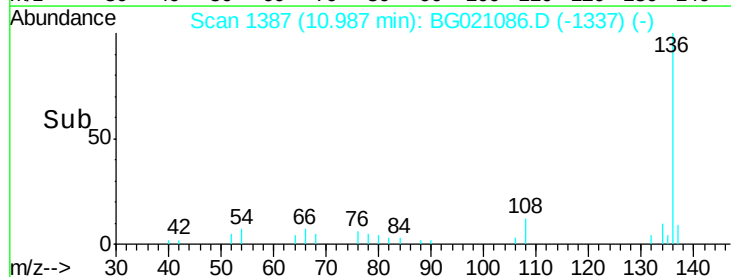
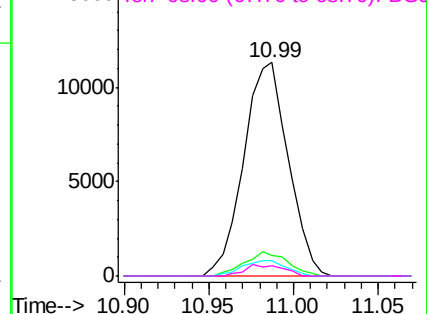
137 9.4 8.8 13.2

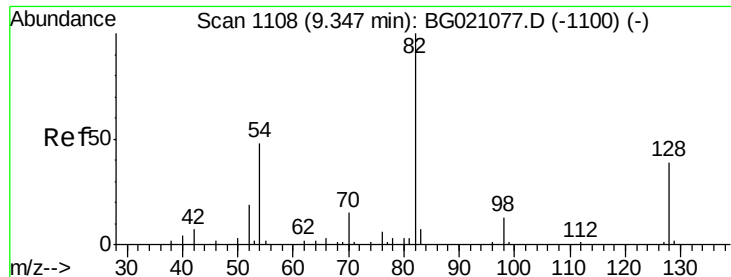
54 7.5 6.9 10.3

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

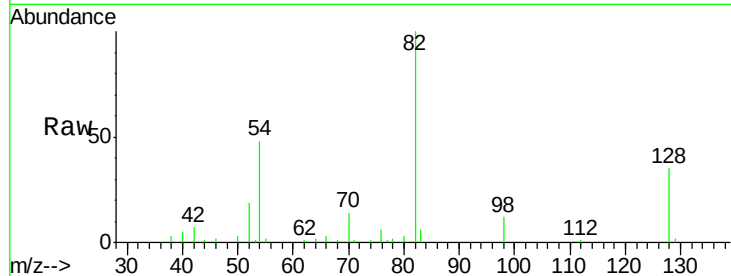




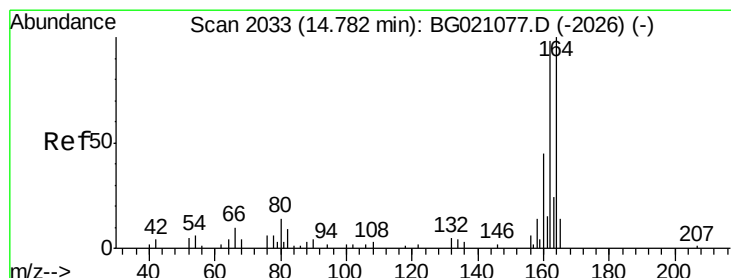
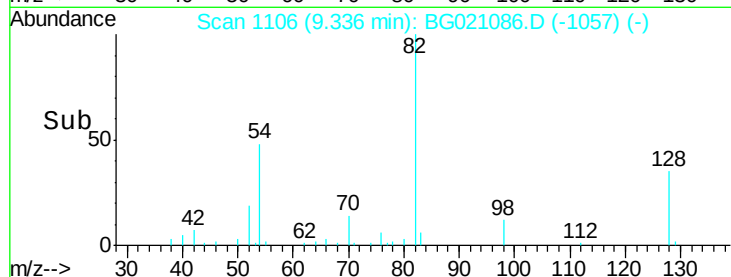
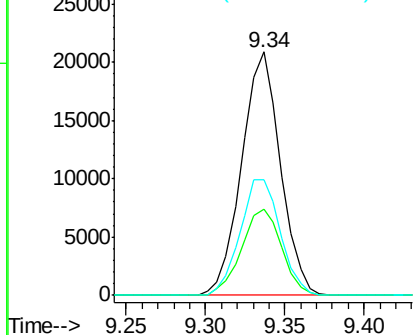
#23
 Nitrobenzene-d5
 Concen: 81.53 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

Instrument :
 BNA_G
 ClientSampled :
 S3

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

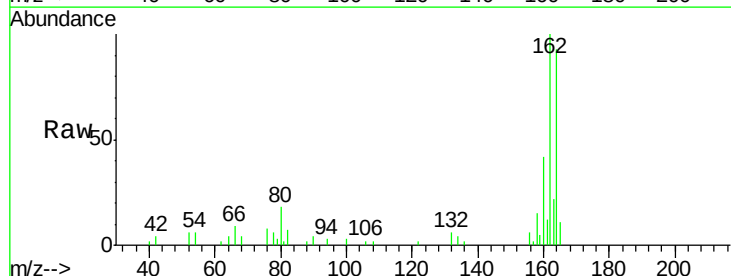


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

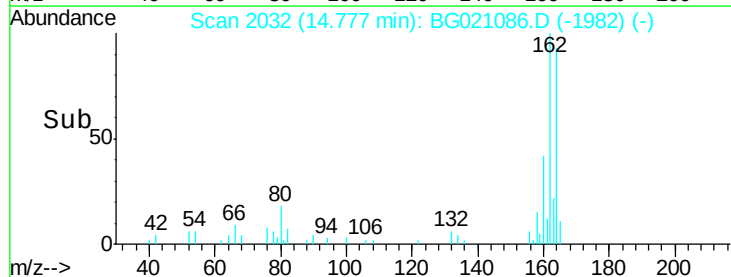
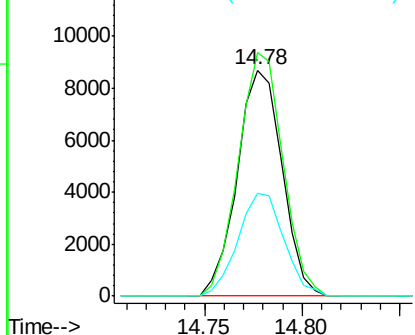


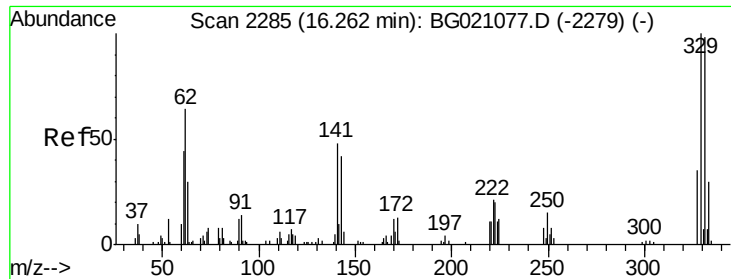
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

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



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

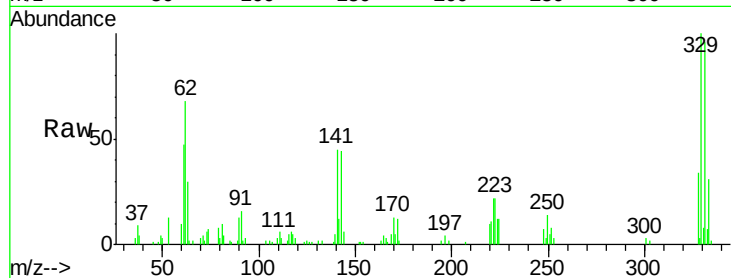




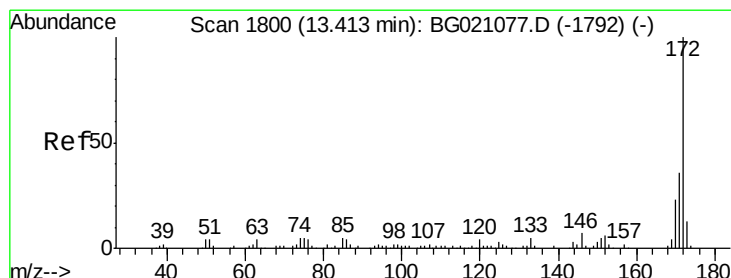
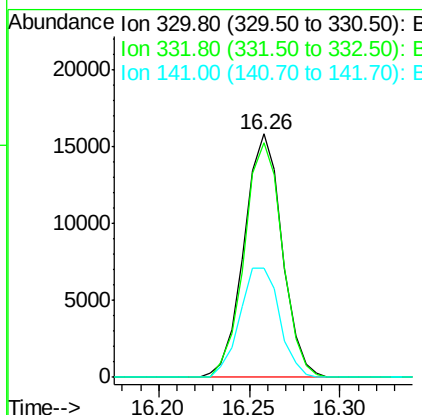
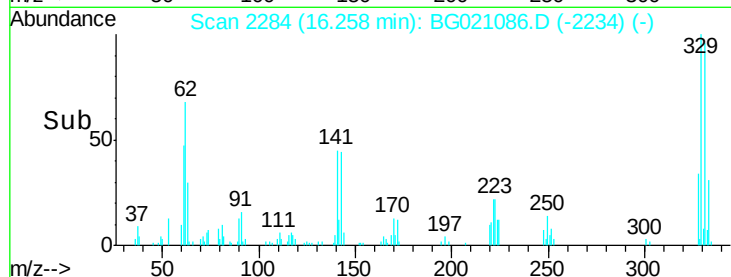
#41
 2,4,6-Tribromophenol
 Concen: 127.58 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

Instrument :
 BNA_G
 ClientSampleId :
 S3

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

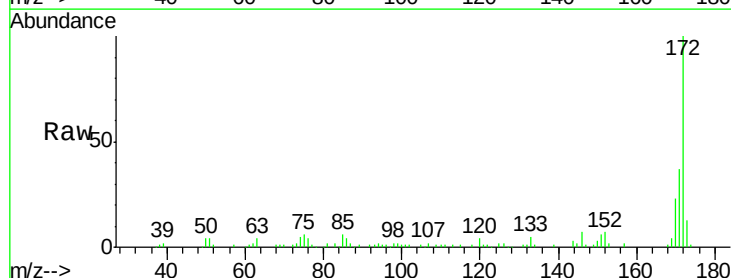


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

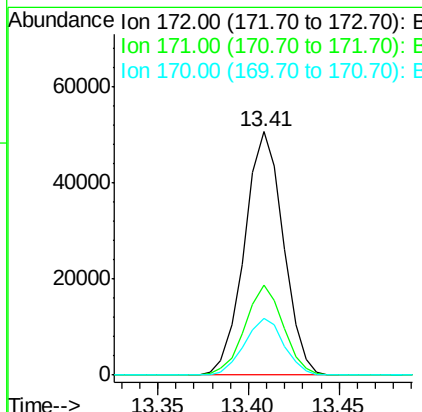
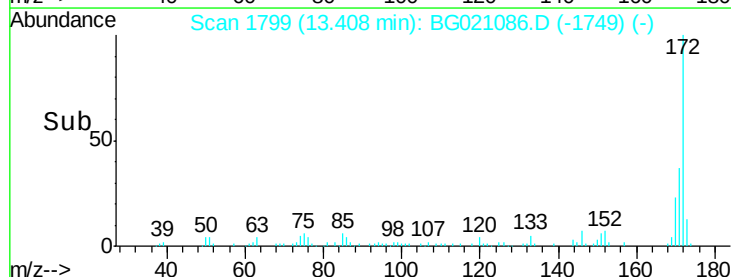


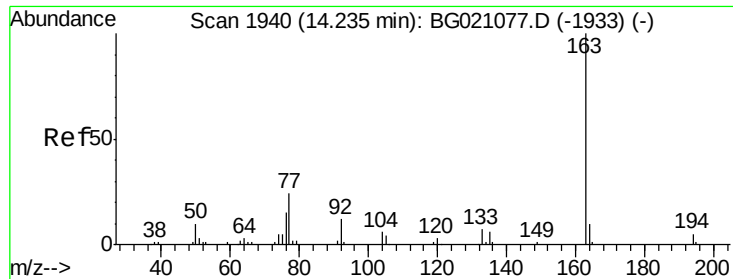
#44
 2-Fluorobiphenyl
 Concen: 70.23 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG021086.D
 Acq: 26 Feb 2016 20:09

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

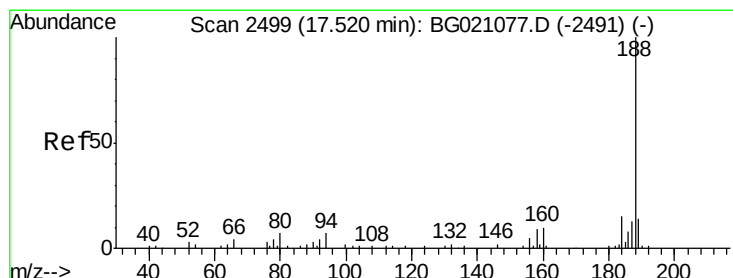
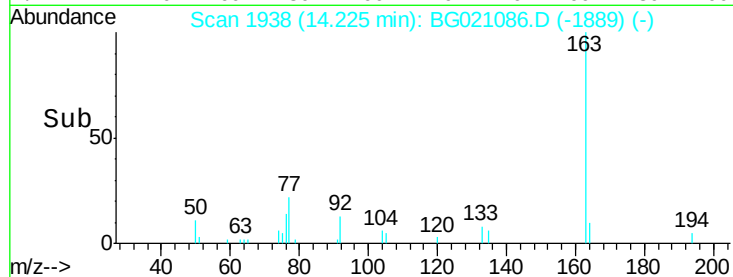
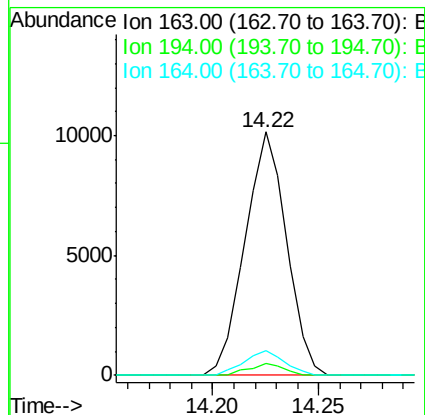
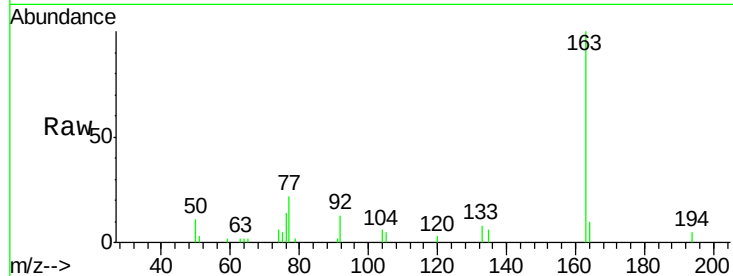
Instrument :

BNA_G

ClientSampleId :

S3

Tgt Ion:163	Resp:	13823
Ion Ratio	Lower	Upper
163	100	
194	4.7	2.8 4.2#
164	10.2	7.9 11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

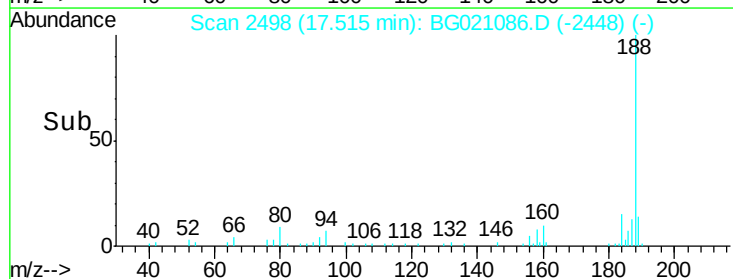
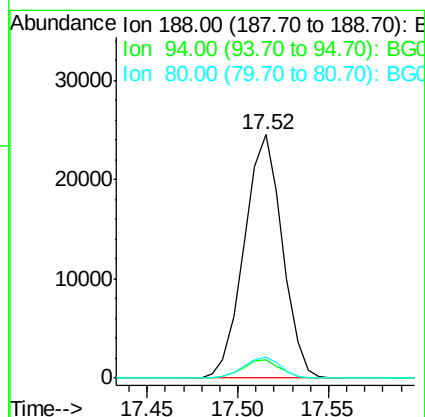
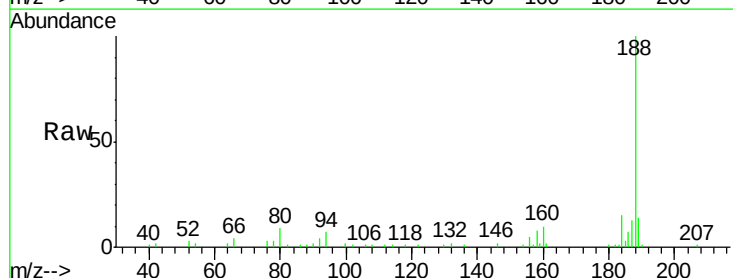
RT: 17.52 min Scan# 2498

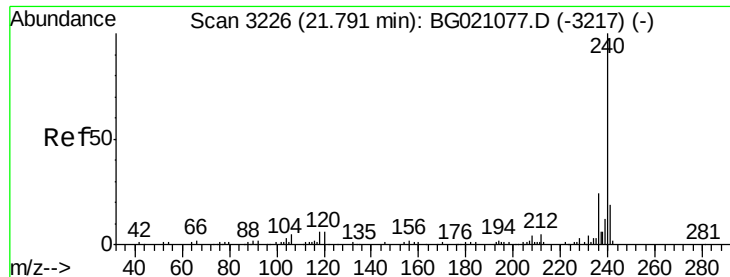
Delta R.T. -0.00 min

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#





#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

ClientSampleId :

S3

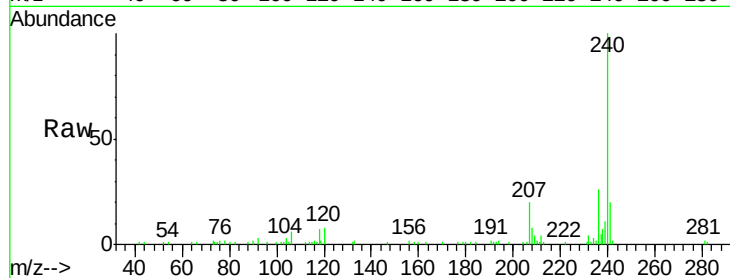
Tgt Ion:240 Resp: 45829

Ion Ratio Lower Upper

240 100

120 8.3 7.5 11.3

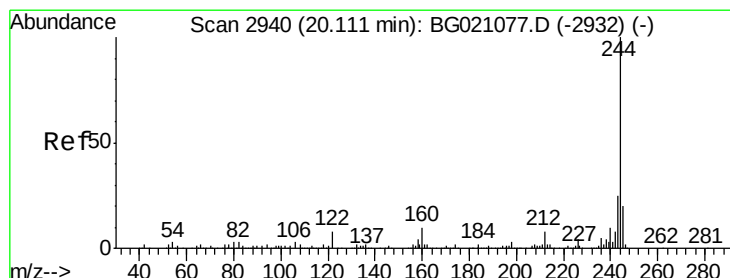
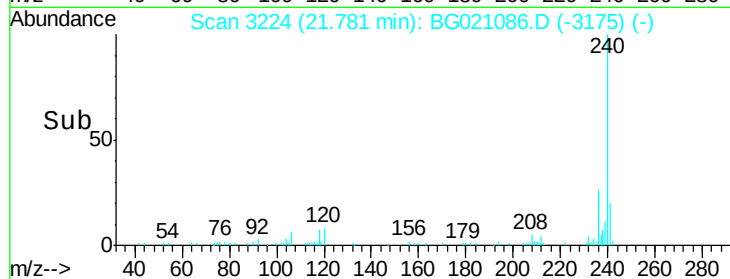
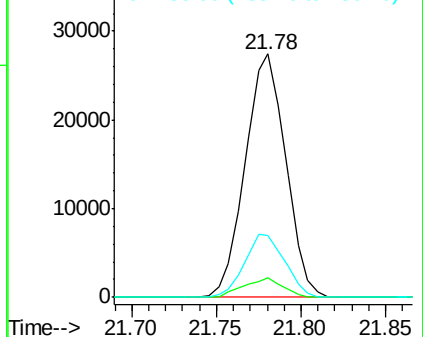
236 25.7 20.5 30.7



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: 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

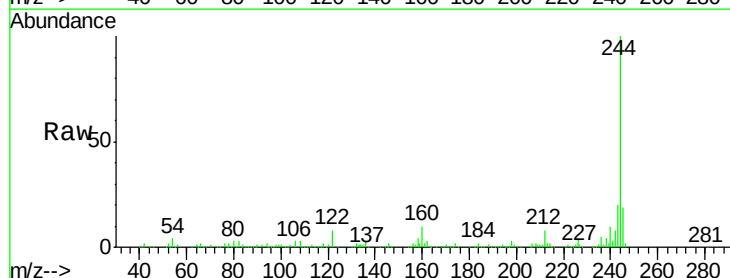
Tgt Ion:244 Resp: 158610

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

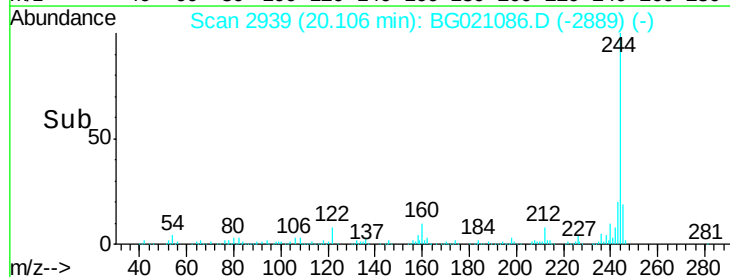
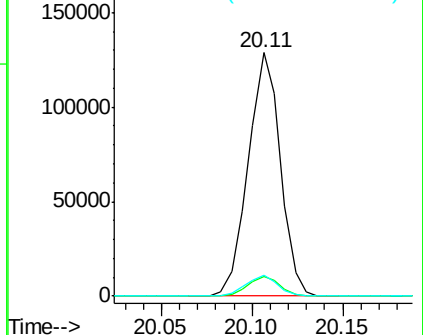
122 8.4 8.3 12.5

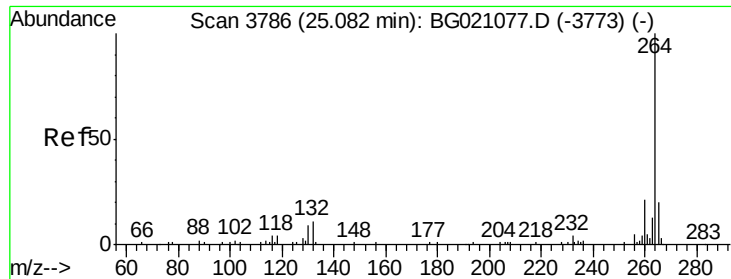


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

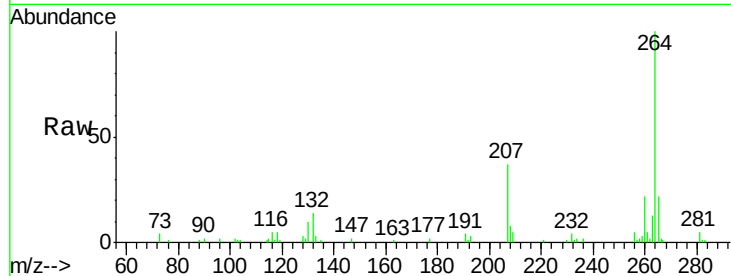




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. -0.02 min
Lab File: BG021086.D
Acq: 26 Feb 2016 20:09

Instrument :
BNA_G
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S3

Tgt Ion:	264	Resp:	42550
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

