

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019861.D
 Acq On : 3 Dec 2015 8:55
 Operator : UM/NP
 Sample : G4583-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-01(0-4)

Quant Time: Dec 03 11:53:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

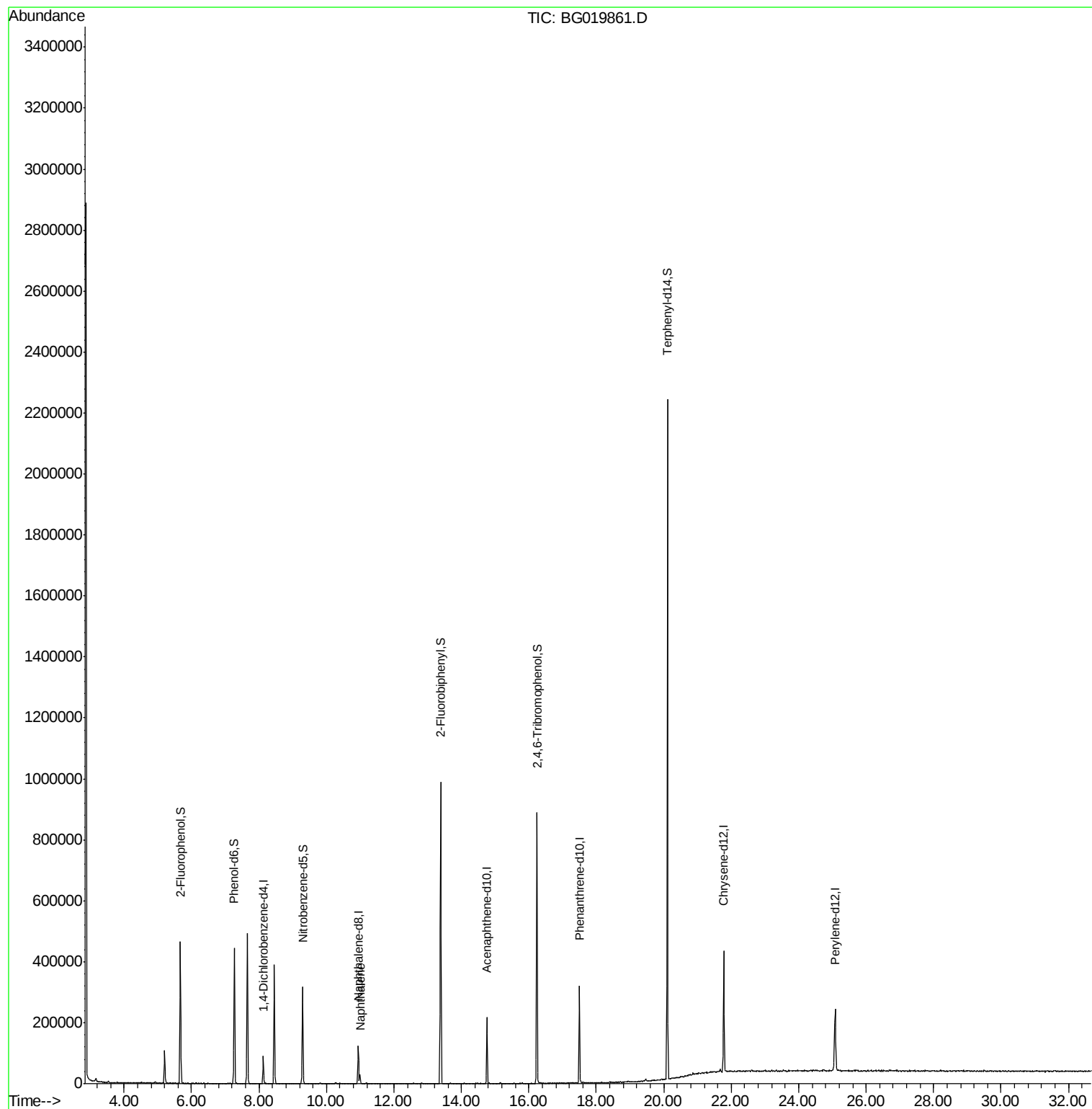
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	23622	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	100902	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	73936	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	196313	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	241377	20.00	ng	-0.01
86) Perylene-d12	25.08	264	222032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	182556	139.68	ng	0.00
7) Phenol-d6	7.27	99	245067	124.19	ng	0.00
23) Nitrobenzene-d5	9.29	82	190693	96.45	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	155751	137.68	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	487169	89.97	ng	0.00
78) Terphenyl-d14	20.11	244	917721	92.74	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	23259	4.30	ng	Qvalue 99

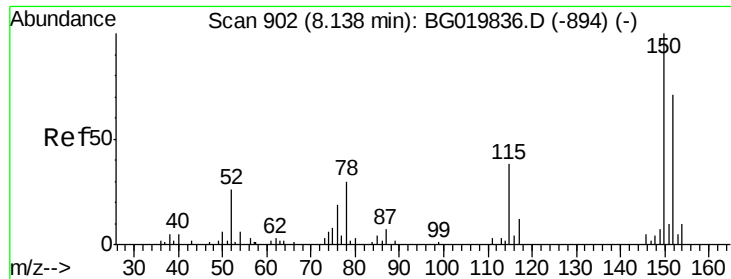
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019861.D

Acq: 3 Dec 2015 8:55

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-01(0-4)

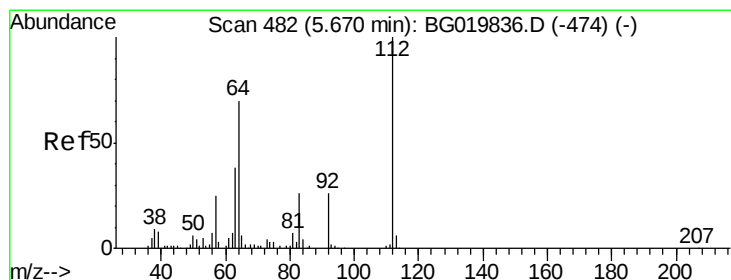
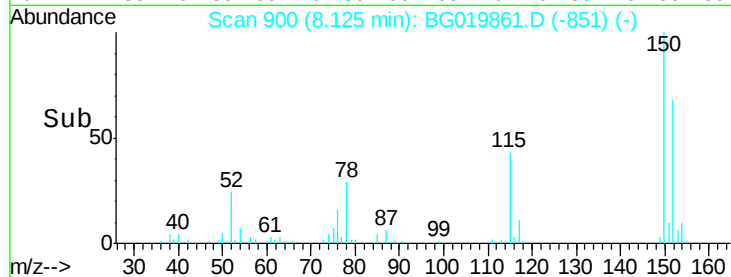
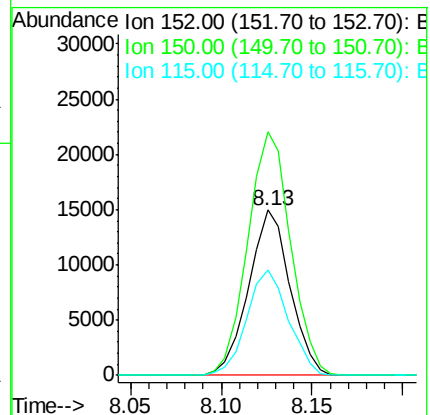
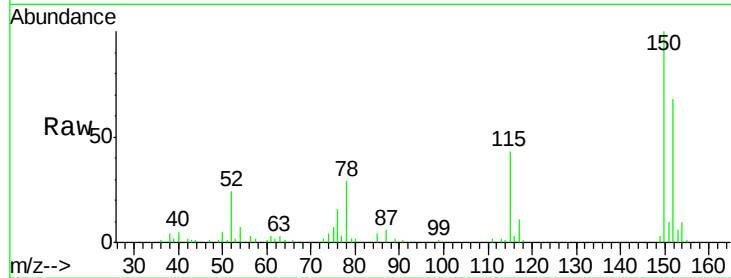
Tgt Ion:152 Resp: 23622

Ion Ratio Lower Upper

152 100

150 147.6 115.0 172.4

115 64.2 43.9 65.9



#5

2-Fluorophenol

Concen: 139.68 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019861.D

Acq: 3 Dec 2015 8:55

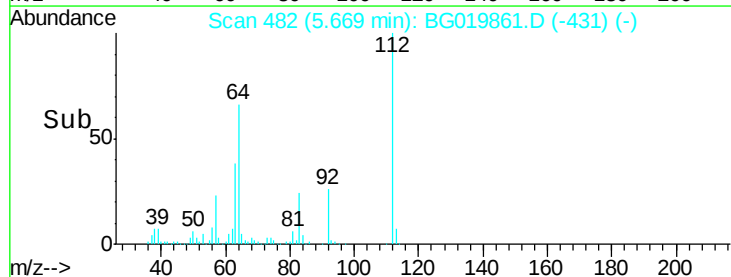
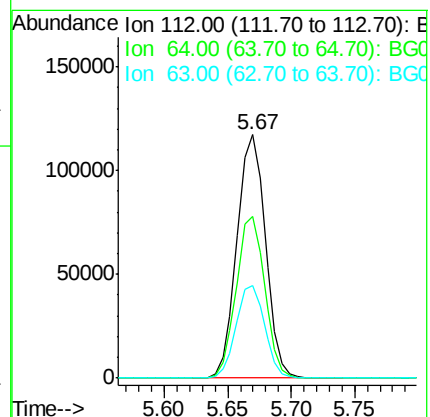
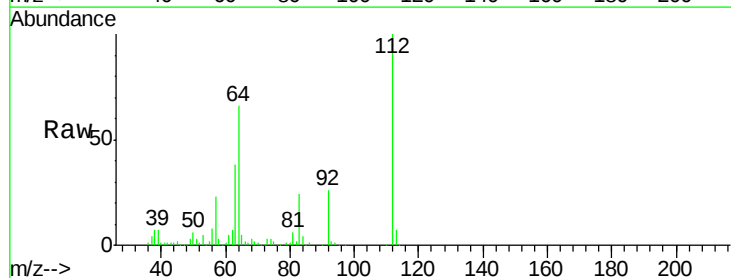
Tgt Ion:112 Resp: 182556

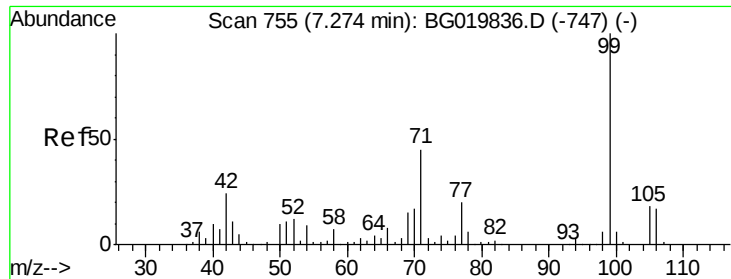
Ion Ratio Lower Upper

112 100

64 66.5 43.7 65.5#

63 38.2 24.0 36.0#





#7

Phenol-d6

Concen: 124.19 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019861.D

Acq: 3 Dec 2015 8:55

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-01(0-4)

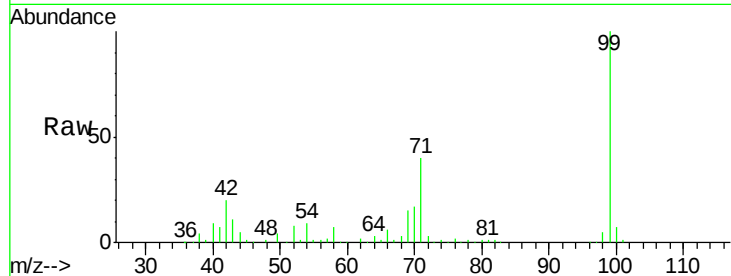
Tgt Ion: 99 Resp: 245067

Ion Ratio Lower Upper

99 100

42 20.1 11.5 17.3#

71 40.3 22.6 34.0#

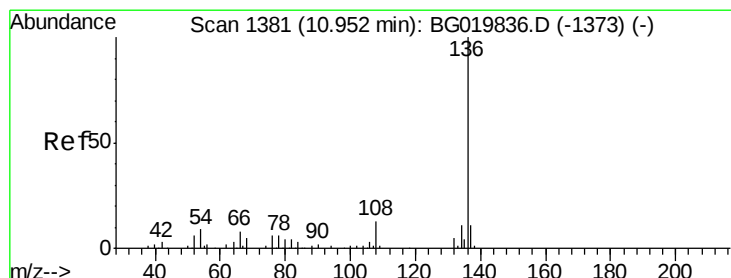
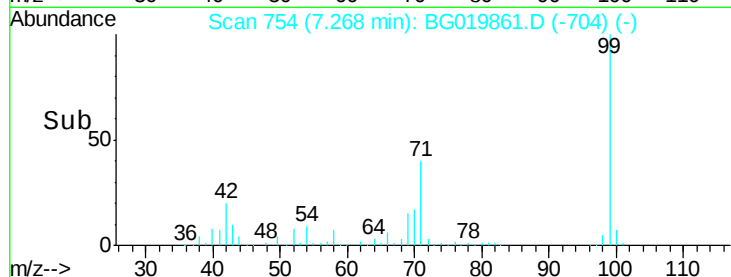
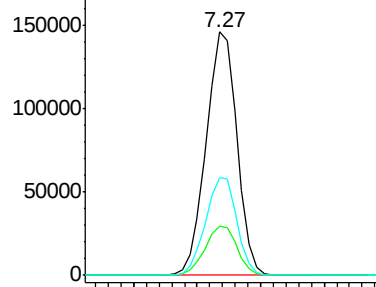


Abundance

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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019861.D

Acq: 3 Dec 2015 8:55

Tgt Ion: 136 Resp: 100902

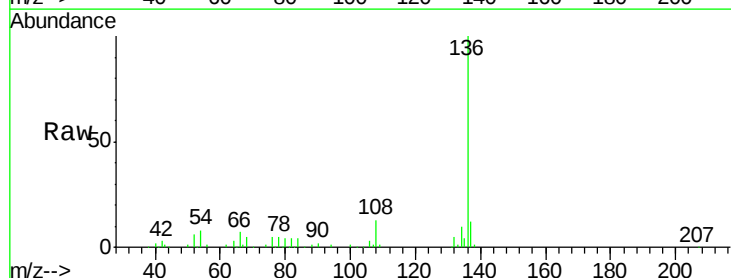
Ion Ratio Lower Upper

136 100

137 12.0 8.6 12.8

54 8.4 5.4 8.2#

68 5.2 5.3 7.9#



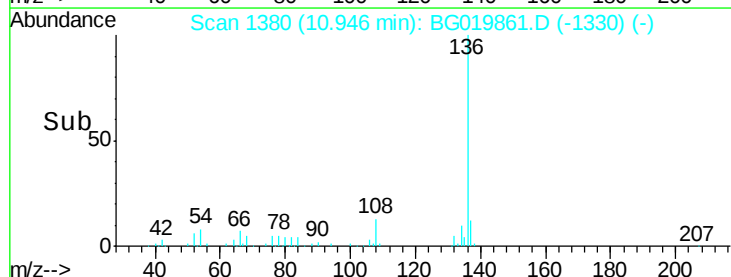
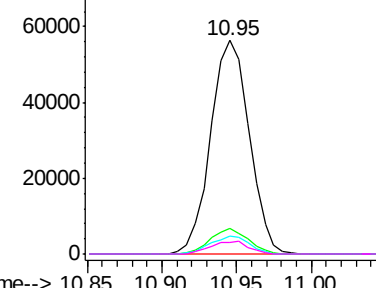
Abundance

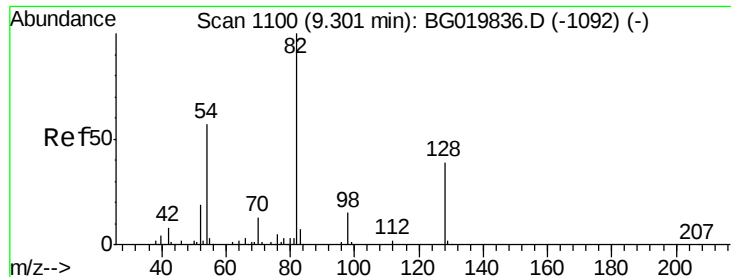
Ion 136.00 (135.70 to 136.70): BGC

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

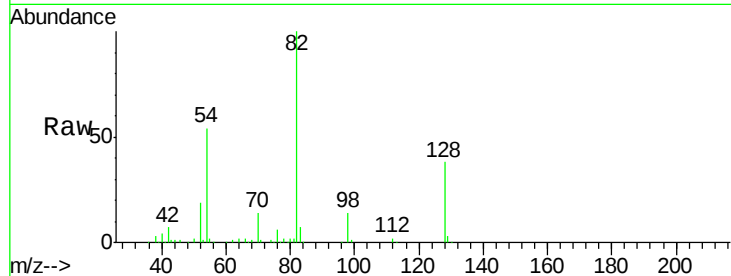




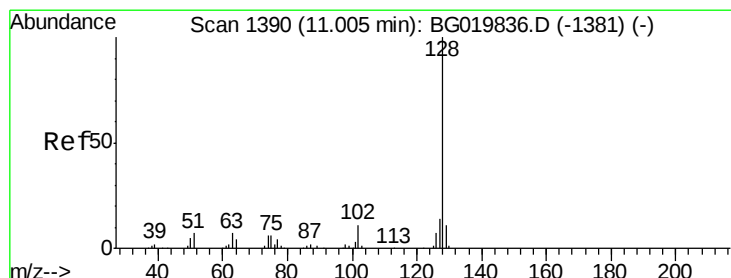
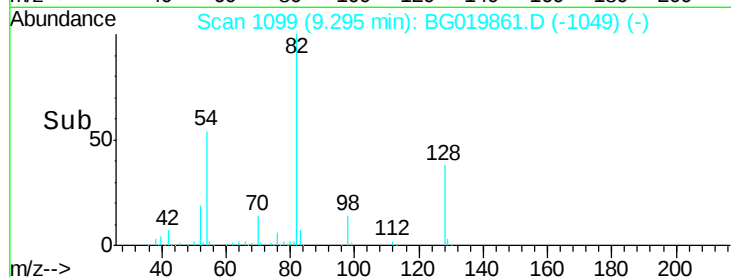
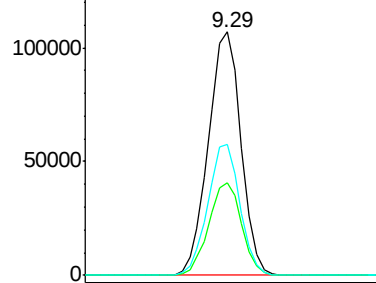
#23
 Nitrobenzene-d5
 Concen: 96.45 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019861.D
 Acq: 3 Dec 2015 8:55

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-01(0-4)

Tgt Ion: 82 Resp: 190693
 Ion Ratio Lower Upper
 82 100
 128 38.2 36.7 55.1
 54 53.7 33.8 50.8#

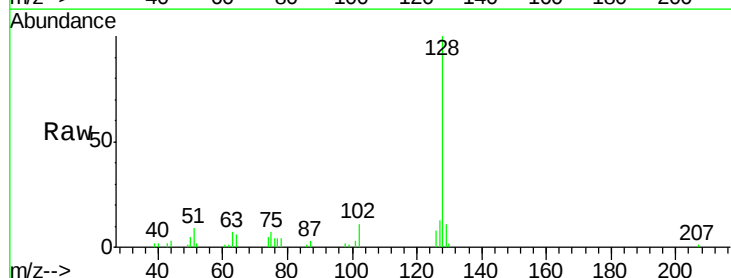


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

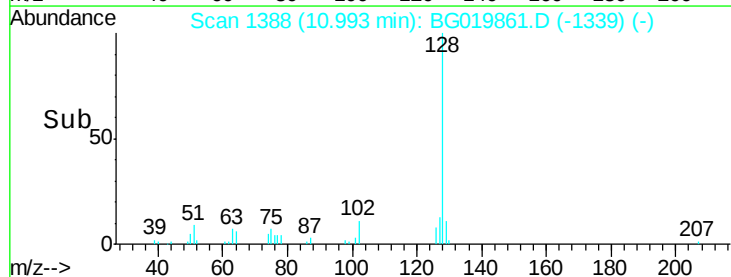
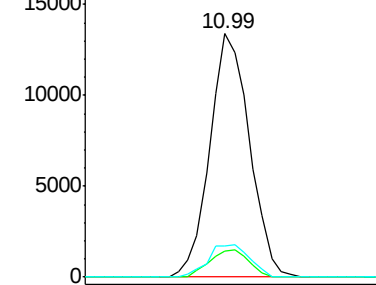


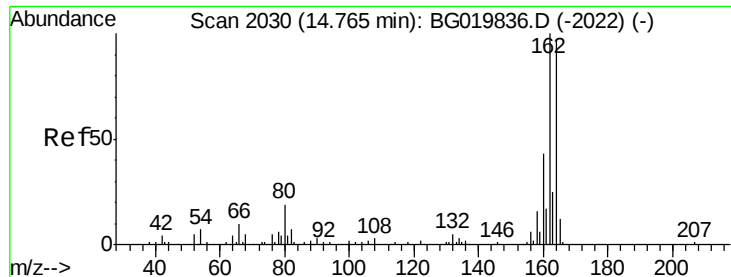
#31
 Naphthalene
 Concen: 4.30 ng
 RT: 10.99 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG019861.D
 Acq: 3 Dec 2015 8:55

Tgt Ion: 128 Resp: 23259
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.5 12.7
 127 12.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): B
 Ion 129.00 (128.70 to 129.70): B
 Ion 127.00 (126.70 to 127.70): B

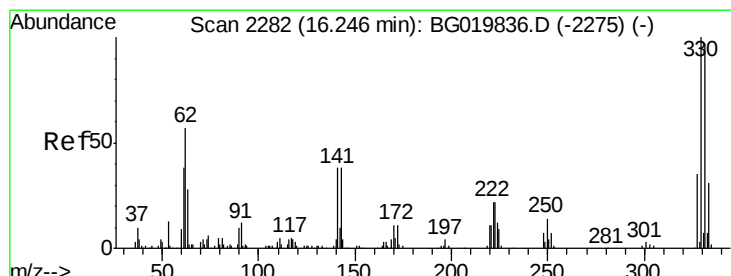
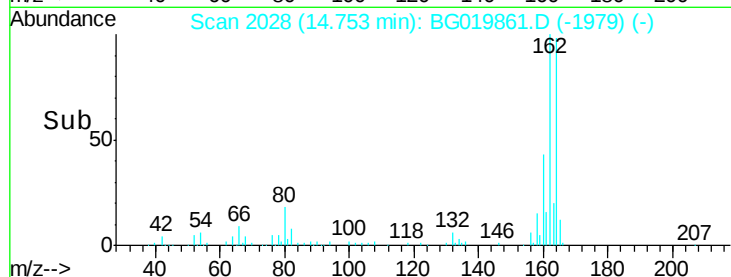
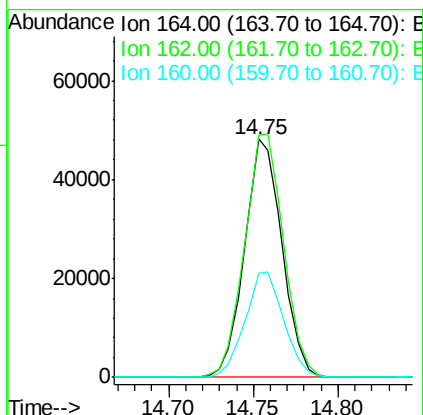
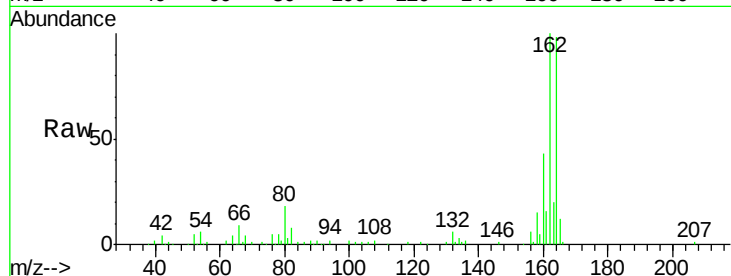




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019861.D
Acq: 3 Dec 2015 8:55

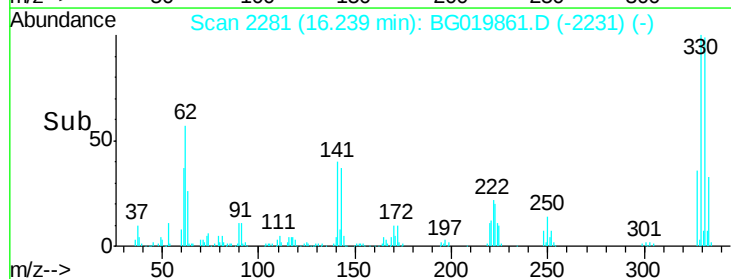
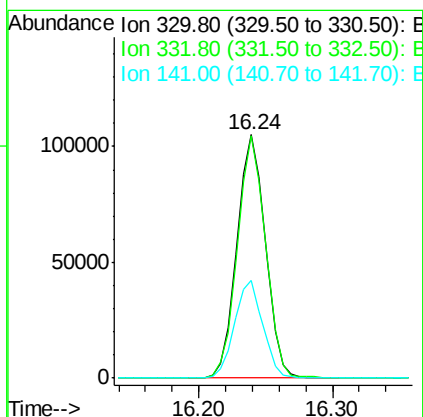
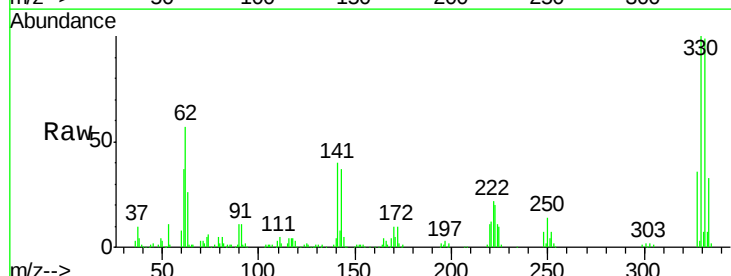
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-01(0-4)

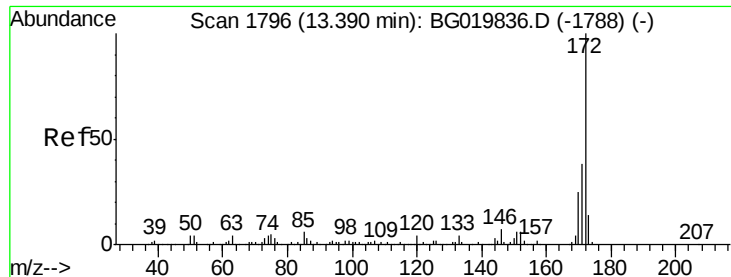
Tgt Ion:164 Resp: 73936
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 43.6 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 137.68 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG019861.D
Acq: 3 Dec 2015 8:55

Tgt Ion:330 Resp: 155751
Ion Ratio Lower Upper
330 100
332 97.9 78.1 117.1
141 39.7 28.2 42.2

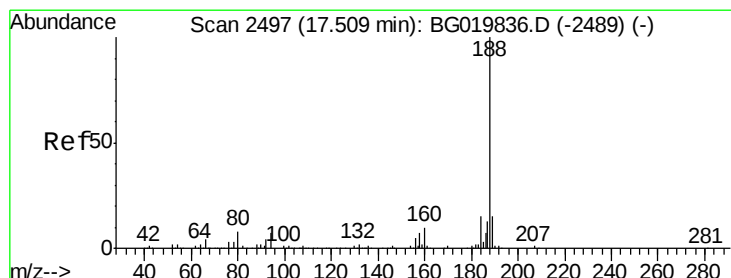
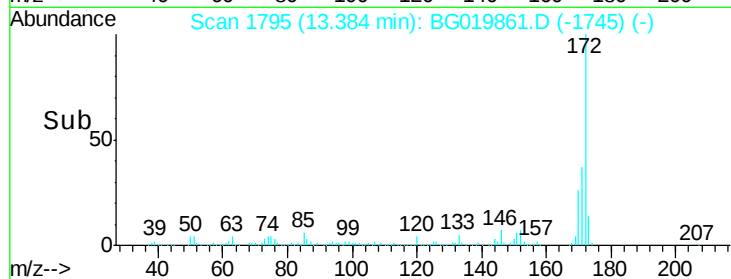
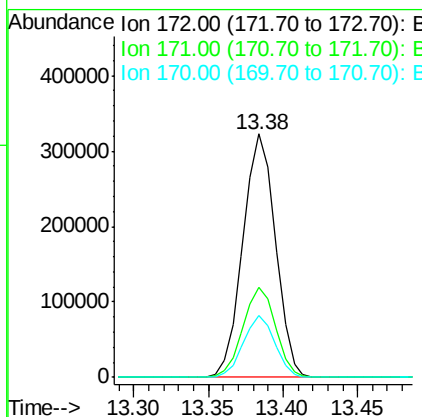
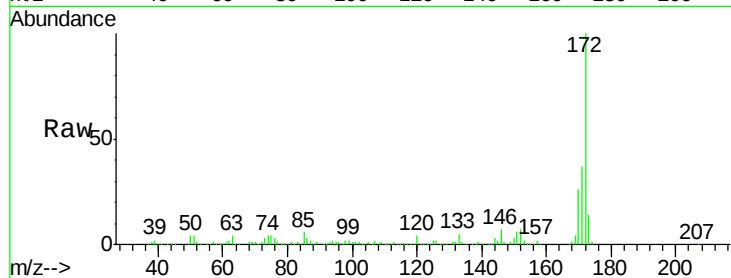




#44
 2-Fluorobiphenyl
 Concen: 89.97 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019861.D
 Acq: 3 Dec 2015 8:55

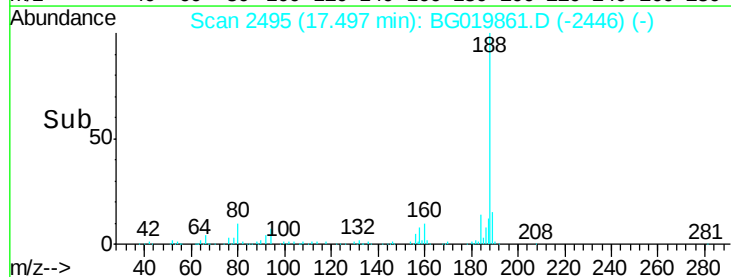
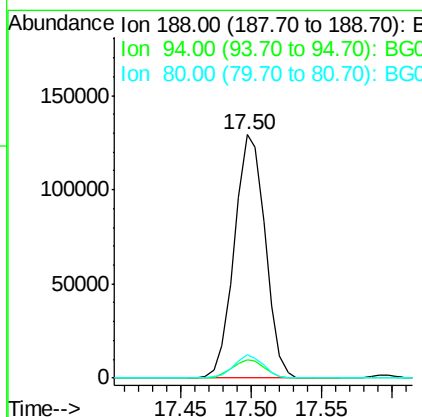
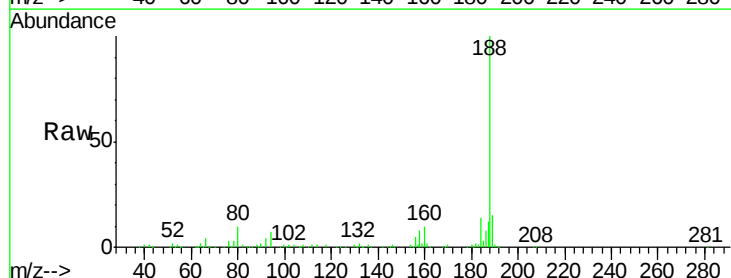
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-01(0-4)

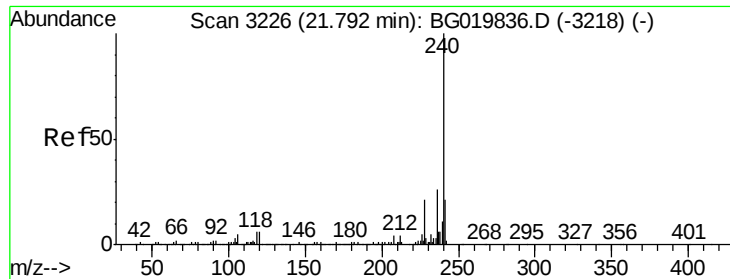
Tgt Ion:172 Resp: 487169
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.6 19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG019861.D
 Acq: 3 Dec 2015 8:55

Tgt Ion:188 Resp: 196313
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.7 11.5#
 80 9.5 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG019861.D

Acq: 3 Dec 2015 8:55

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-01(0-4)

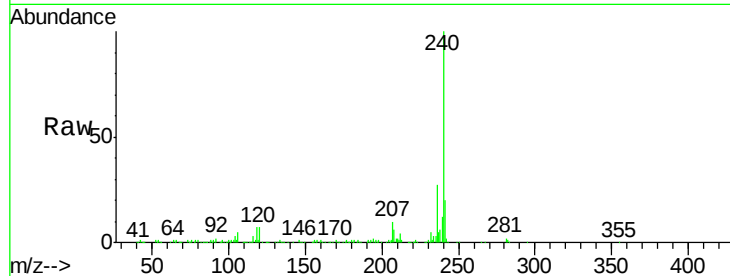
Tgt Ion:240 Resp: 241377

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

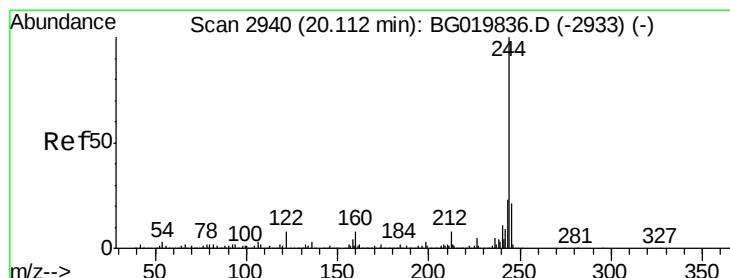
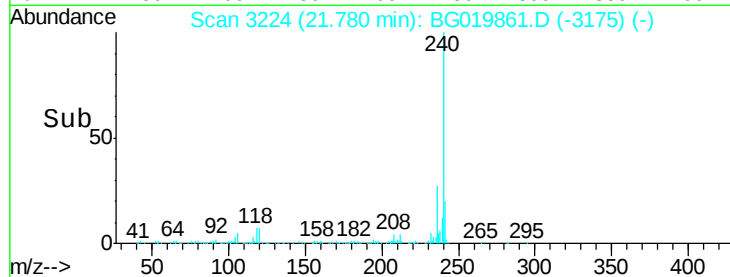
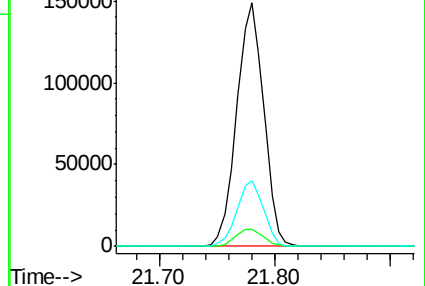
236 27.0 20.7 31.1



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: 92.74 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG019861.D

Acq: 3 Dec 2015 8:55

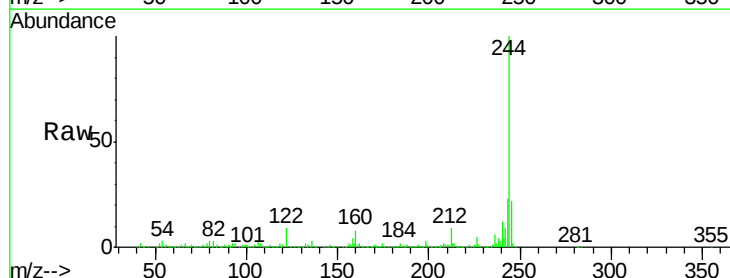
Tgt Ion:244 Resp: 917721

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

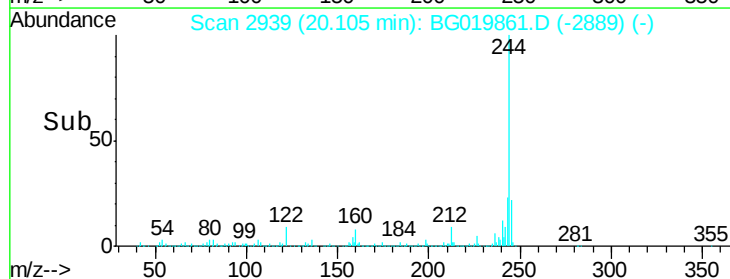
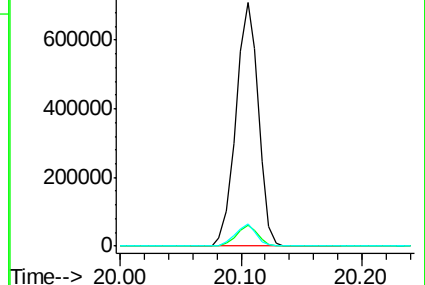
122 9.0 10.2 15.2#



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: 25.08 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BG019861.D
Acq: 3 Dec 2015 8:55

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	22.0	17.2	25.8

