

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023120.D
 Acq On : 15 Jul 2016 19:30
 Operator : UM/SJ
 Sample : H4018-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)C

Quant Time: Jul 16 01:06:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

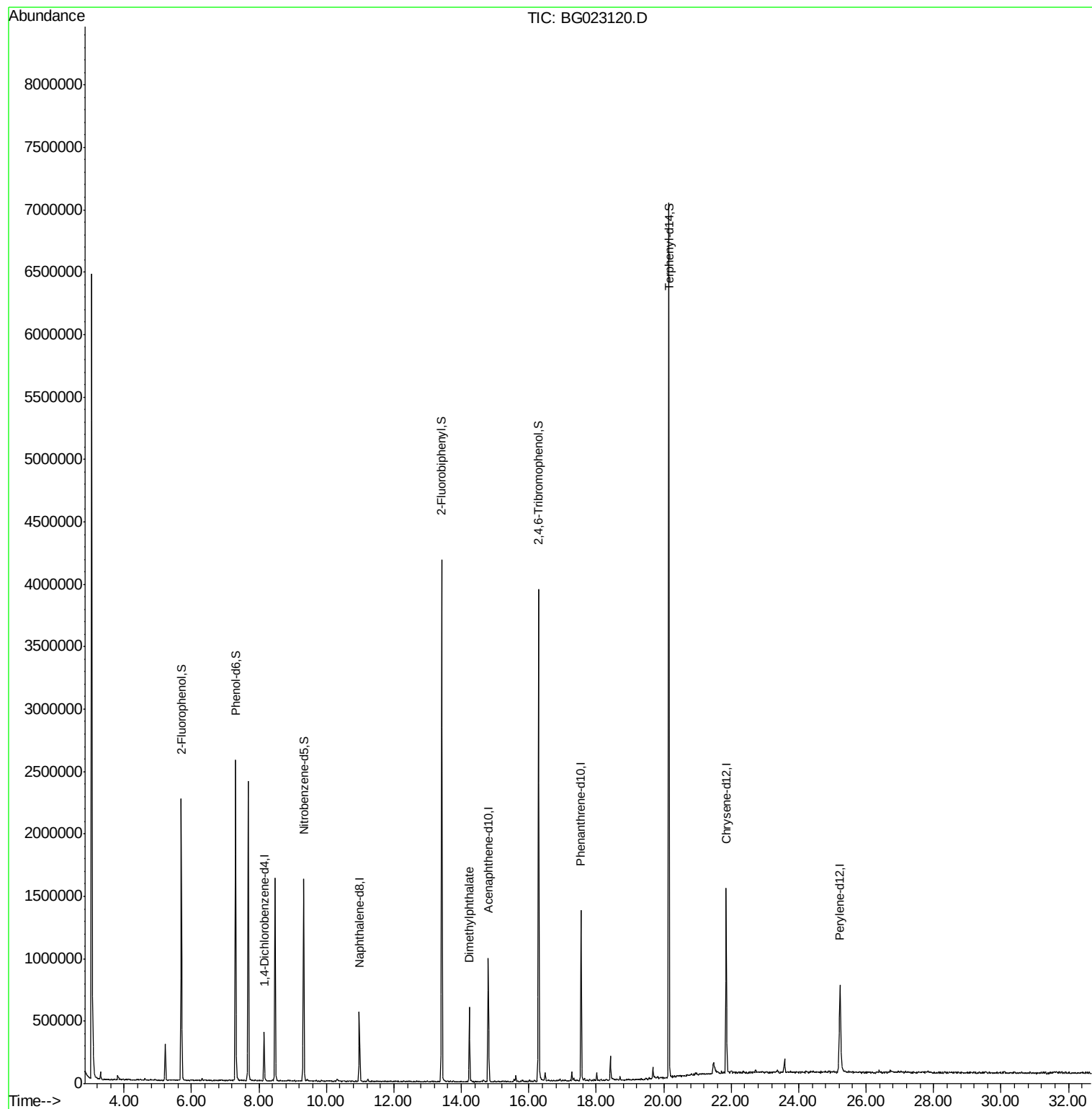
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97028	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	457126	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	356101	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	827222	20.00	ng	0.00
75) Chrysene-d12	21.85	240	917547	20.00	ng	0.00
86) Perylene-d12	25.23	264	881343	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	908432	153.13	ng	0.00
7) Phenol-d6	7.31	99	1406205	151.34	ng	0.00
23) Nitrobenzene-d5	9.33	82	1035225	96.97	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	732302	114.42	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2009517	88.89	ng	0.00
78) Terphenyl-d14	20.15	244	2666679	97.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	376974	12.96	ng	Qvalue 98

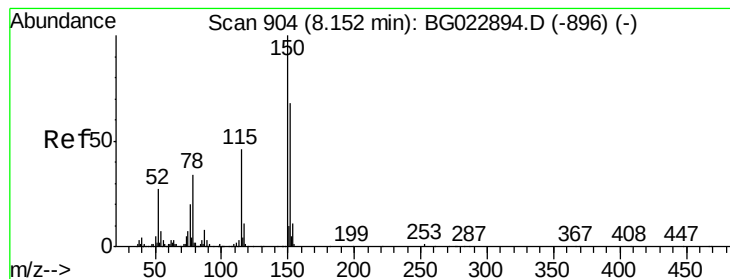
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023120.D
Acq On : 15 Jul 2016 19:30
Operator : UM/SJ
Sample : H4018-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)C

Quant Time: Jul 16 01:06:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

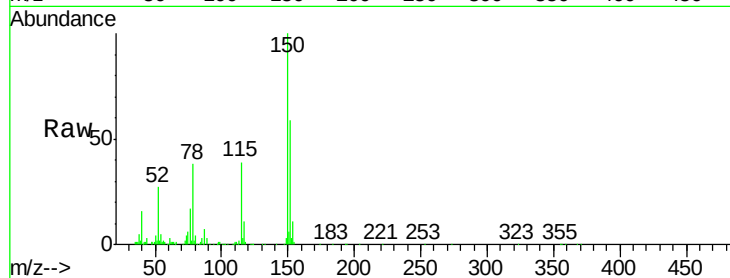
Tgt Ion:152 Resp: 97028

Ion Ratio Lower Upper

152 100

150 168.9 144.7 217.1

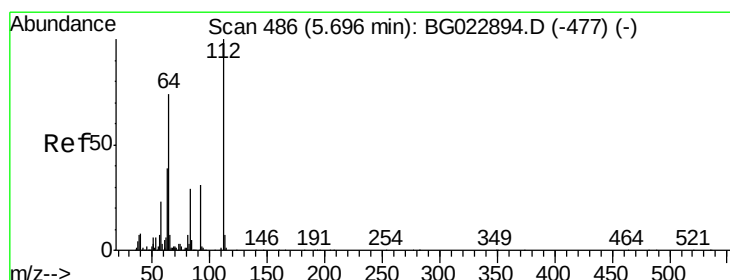
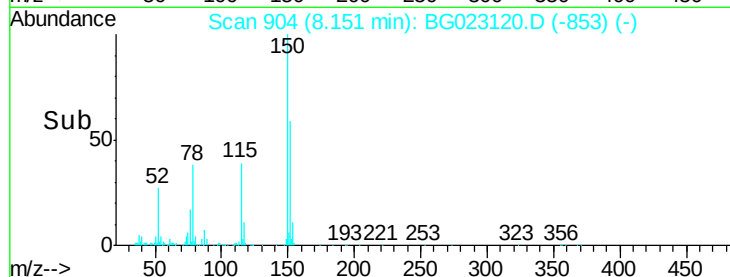
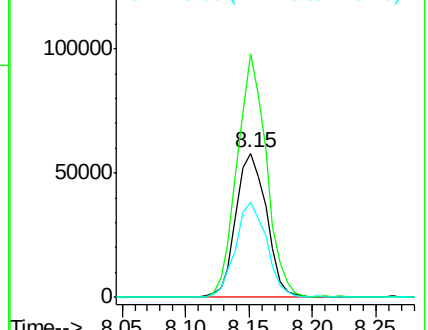
115 66.0 64.0 96.0



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: 153.13 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

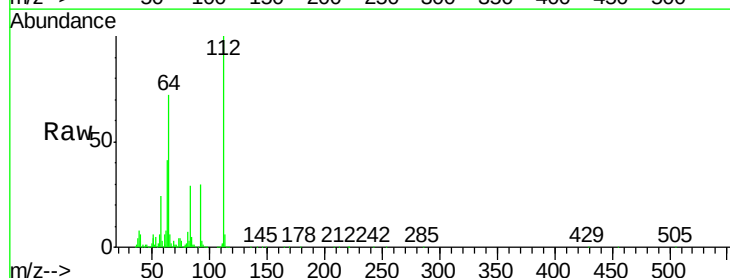
Tgt Ion:112 Resp: 908432

Ion Ratio Lower Upper

112 100

64 72.2 59.0 88.4

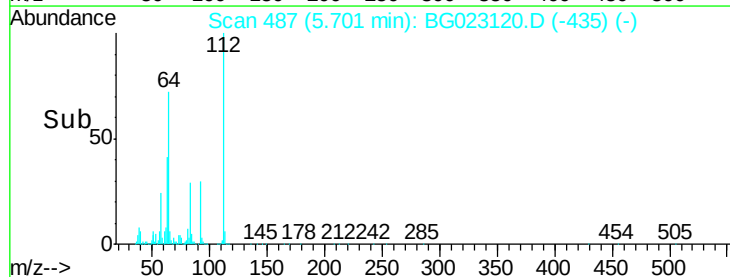
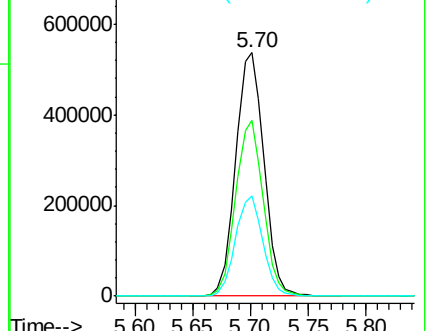
63 41.0 37.8 56.8

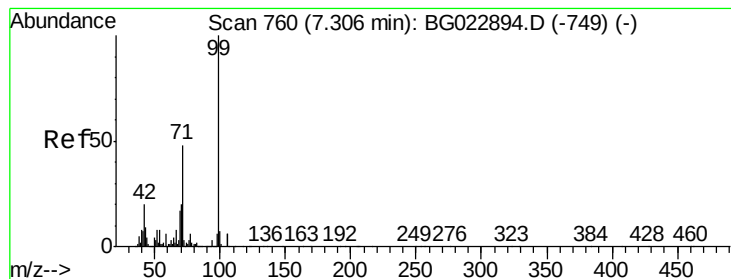


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 151.34 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

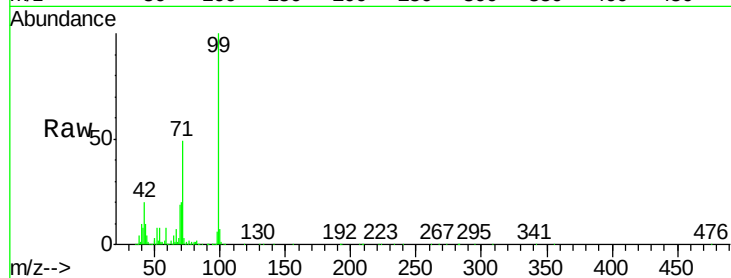
Tgt Ion: 99 Resp: 1406205

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

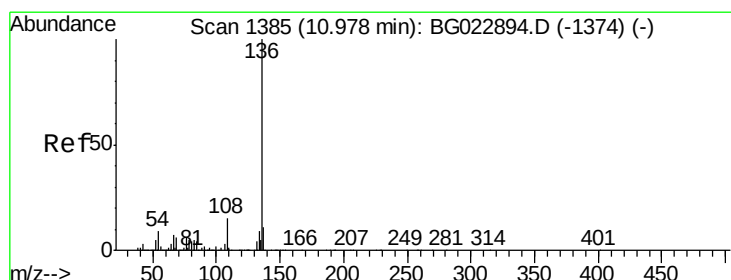
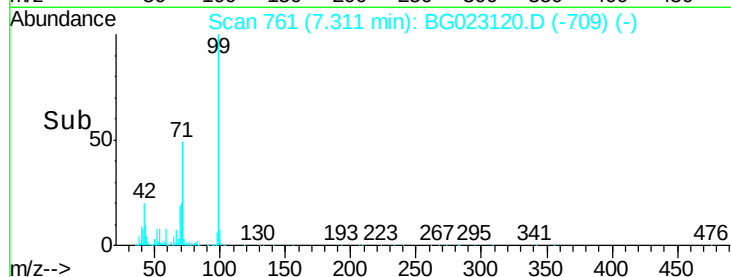
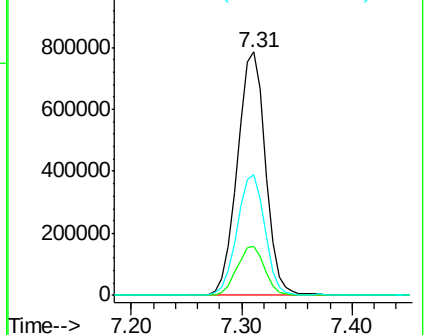
71 49.4 41.5 62.3



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: BG023120.D

Acq: 15 Jul 2016 19:30

Tgt Ion: 136 Resp: 457126

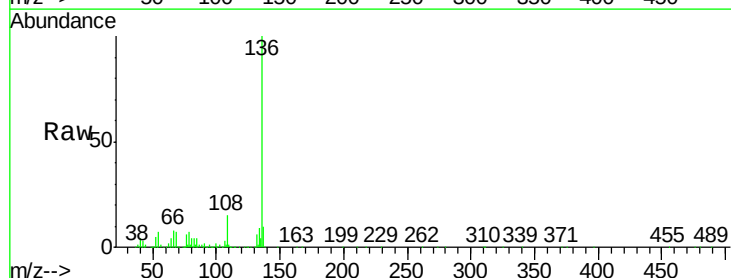
Ion Ratio Lower Upper

136 100

137 10.1 9.6 14.4

54 7.1 7.3 10.9#

68 7.3 5.3 7.9

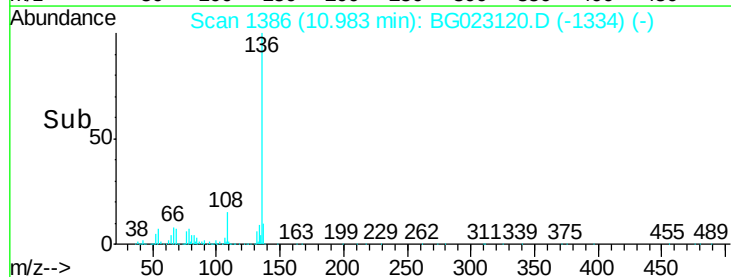
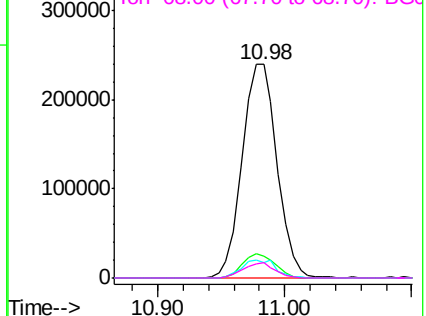


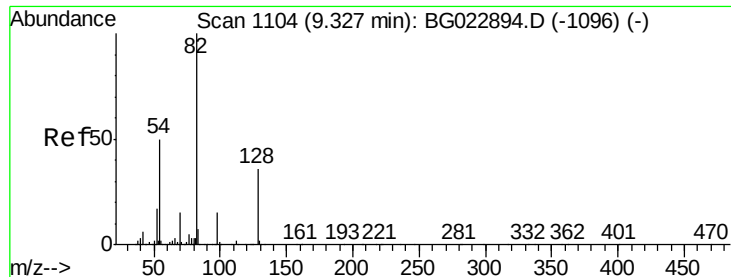
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 96.97 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

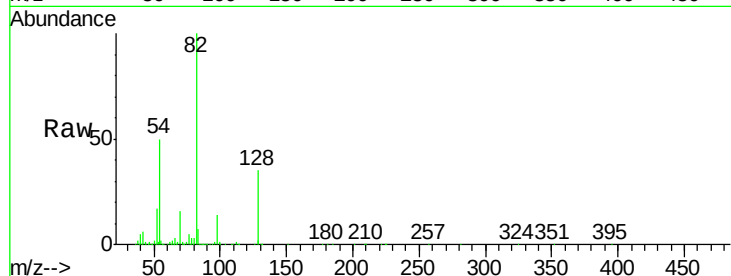
Tgt Ion: 82 Resp: 1035225

Ion Ratio Lower Upper

82 100

128 34.9 24.4 36.6

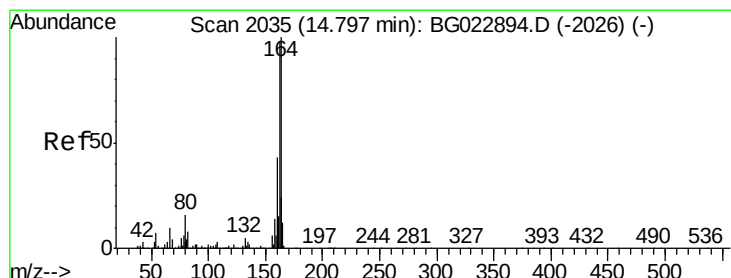
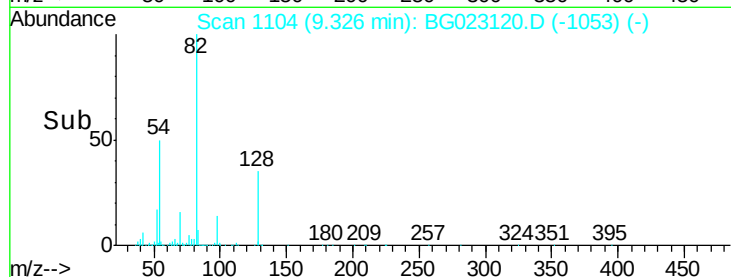
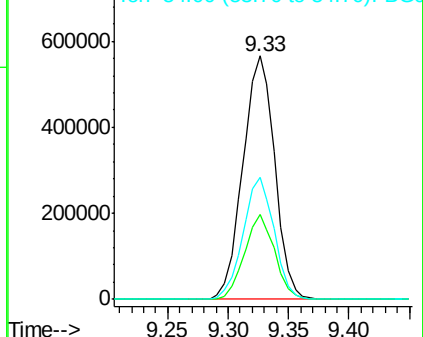
54 50.1 41.4 62.0



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: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

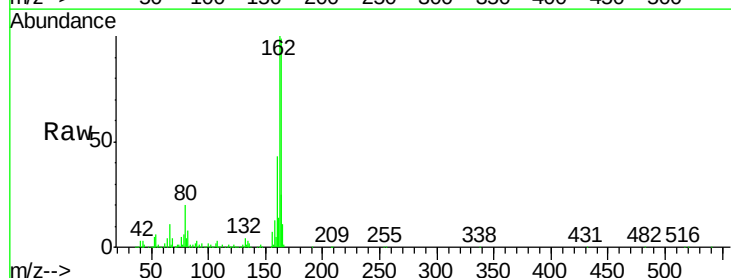
Tgt Ion: 164 Resp: 356101

Ion Ratio Lower Upper

164 100

162 100.9 87.7 131.5

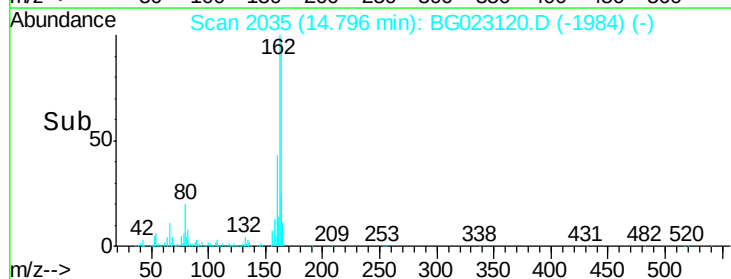
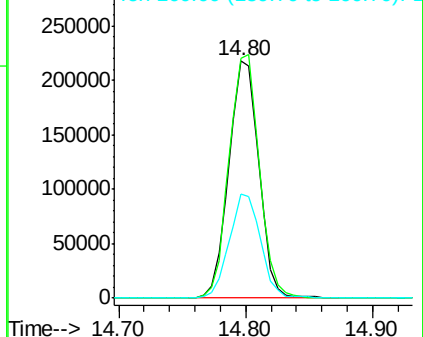
160 43.8 37.2 55.8

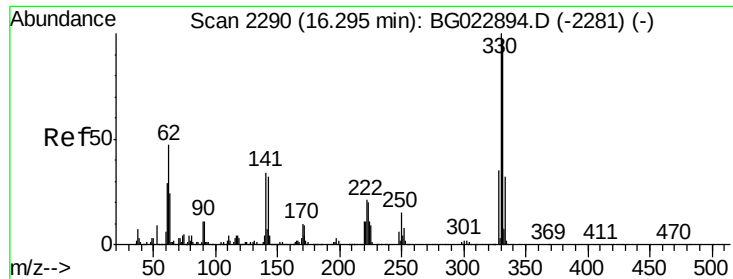


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

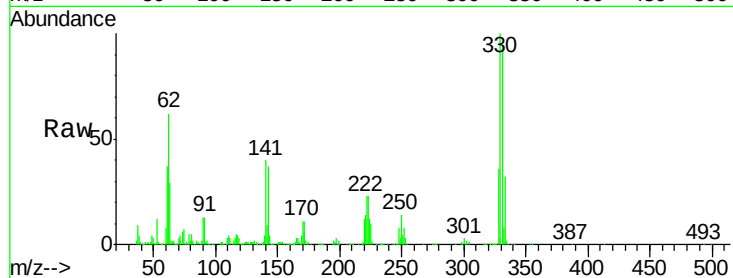




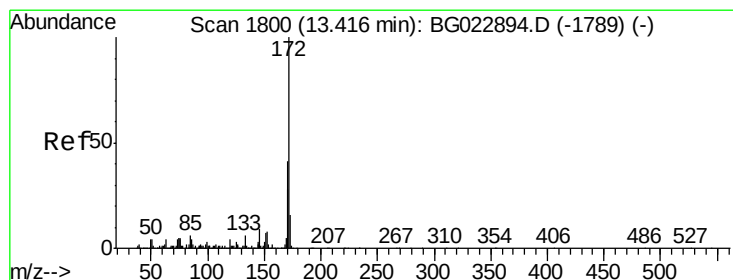
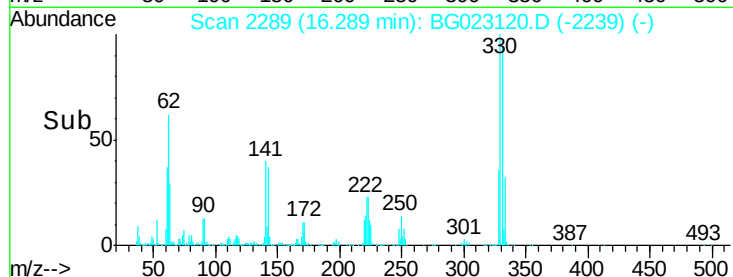
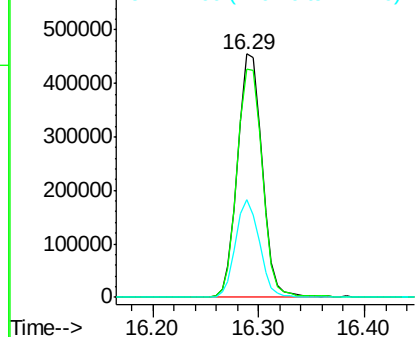
#41
 2,4,6-Tribromophenol
 Concen: 114.42 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023120.D
 Acq: 15 Jul 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)C

Tgt Ion:330 Resp: 732302
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 39.1 31.7 47.5

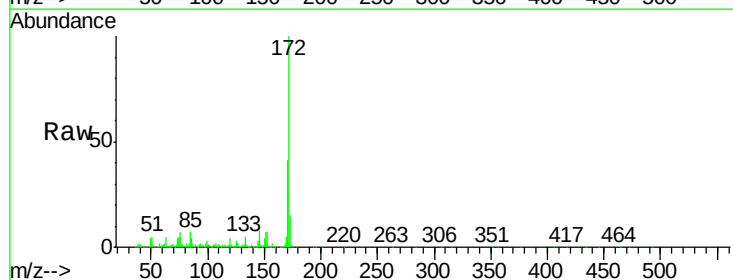


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

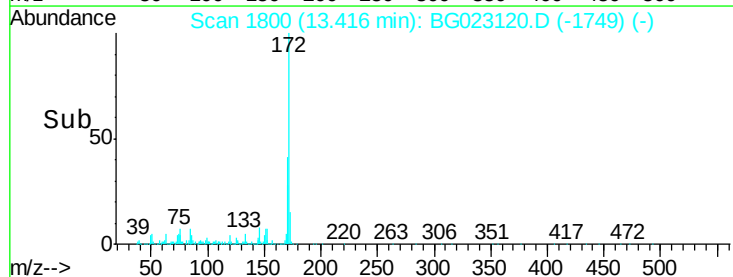
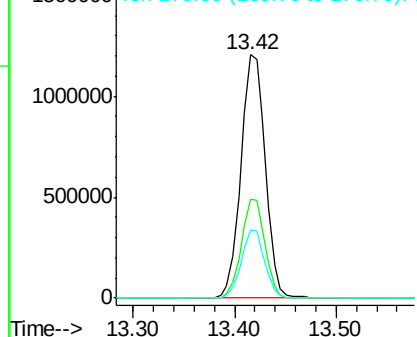


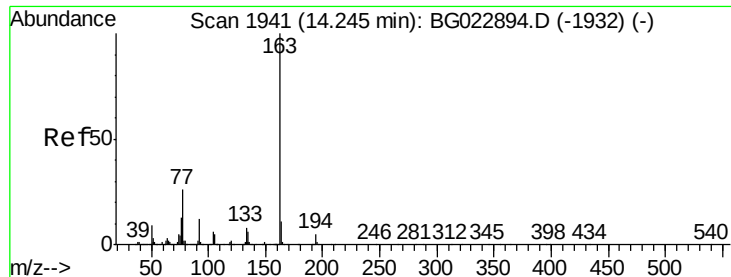
#44
 2-Fluorobiphenyl
 Concen: 88.89 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023120.D
 Acq: 15 Jul 2016 19:30

Tgt Ion:172 Resp: 2009517
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 28.0 21.3 31.9



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: 12.96 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

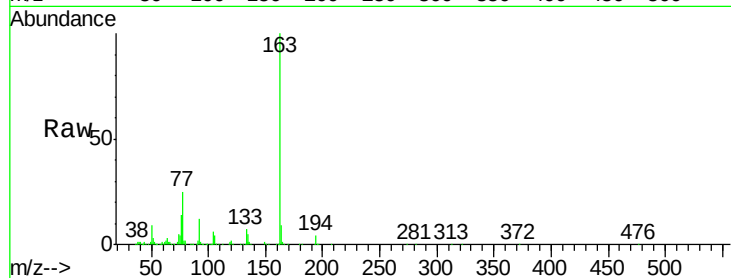
Tgt Ion:163 Resp: 376974

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

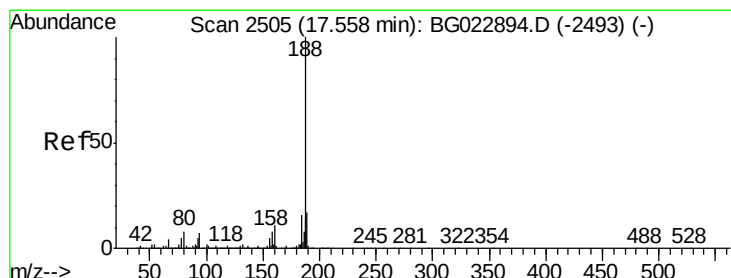
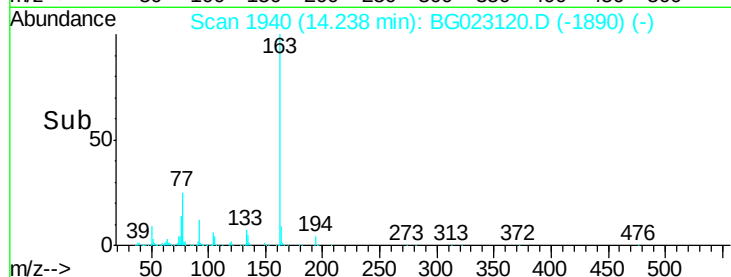
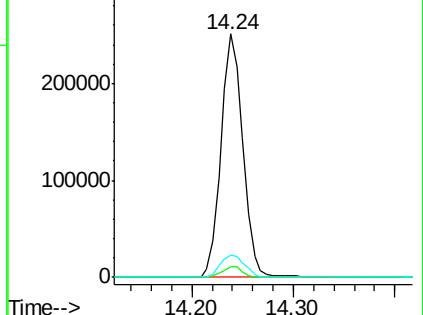
164 8.9 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

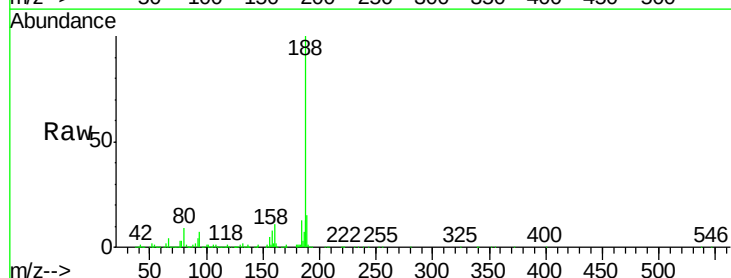
Tgt Ion:188 Resp: 827222

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

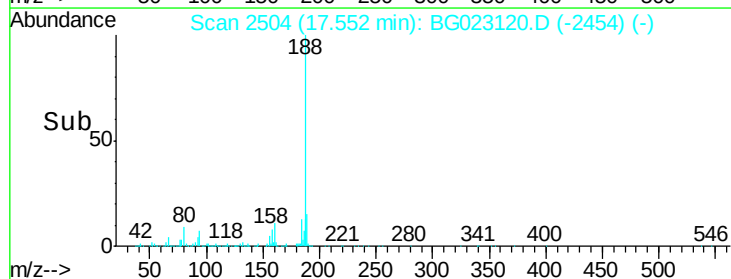
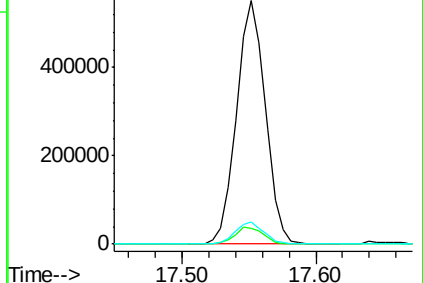
80 9.2 7.2 10.8

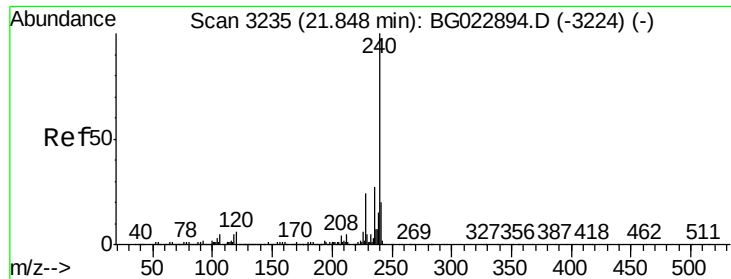


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

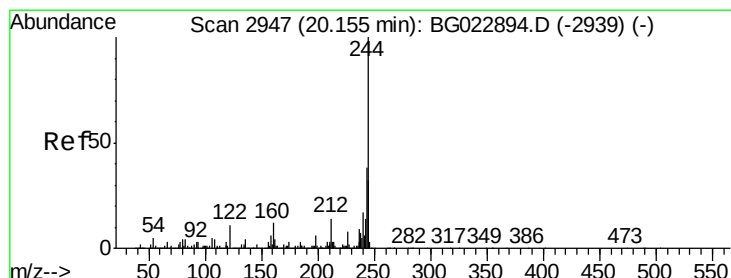
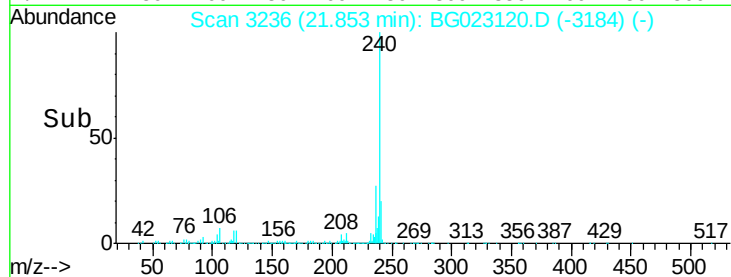
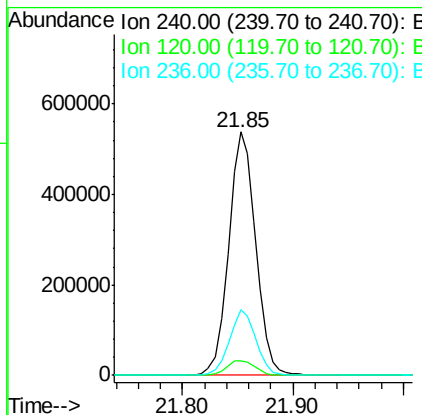
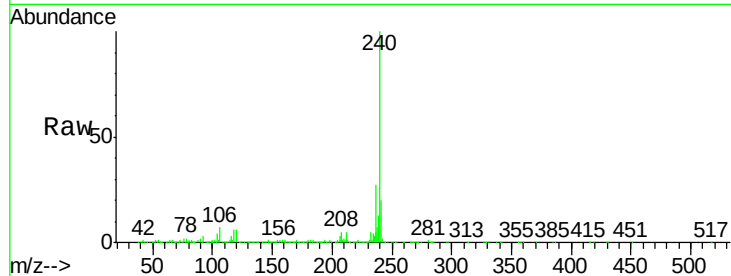




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG023120.D
 Acq: 15 Jul 2016 19:30

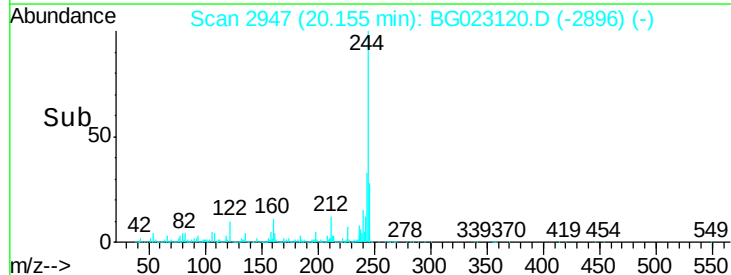
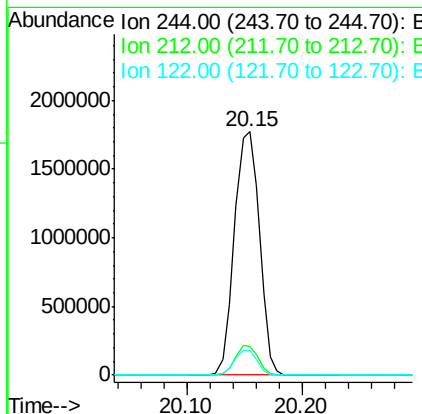
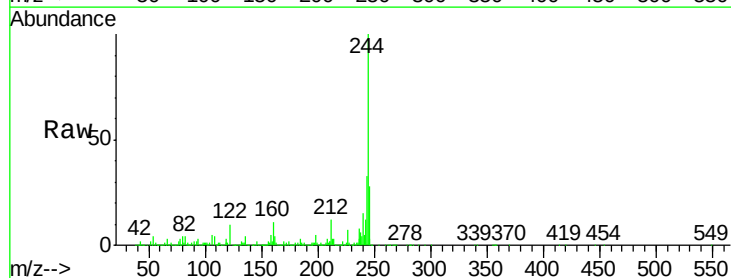
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)C

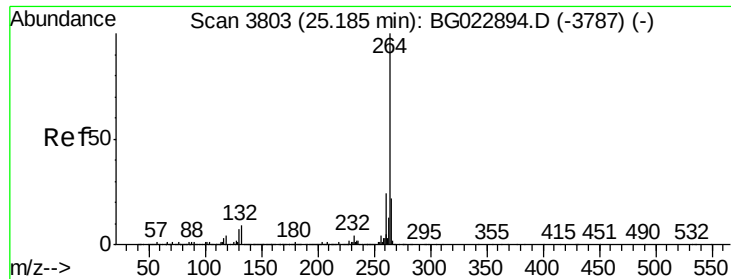
Tgt Ion:240 Resp: 917547
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.1 6.1
 236 26.9 21.1 31.7



#78
 Terphenyl-d14
 Concen: 97.46 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023120.D
 Acq: 15 Jul 2016 19:30

Tgt Ion:244 Resp: 2666679
 Ion Ratio Lower Upper
 244 100
 212 11.9 10.8 16.2
 122 10.3 8.0 12.0

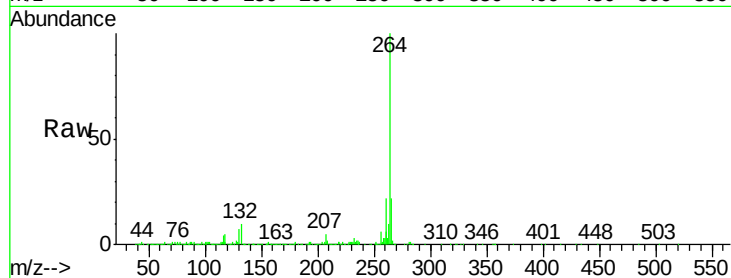




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. 0.04 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	21.6	18.9	28.3



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

