

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042215\  
 Data File : BG016631.D  
 Acq On : 22 Apr 2015 21:59  
 Operator : TP/IZ  
 Sample : G1868-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PE-13

Quant Time: Apr 23 02:33:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG042115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 23 01:45:23 2015  
 Response via : Initial Calibration

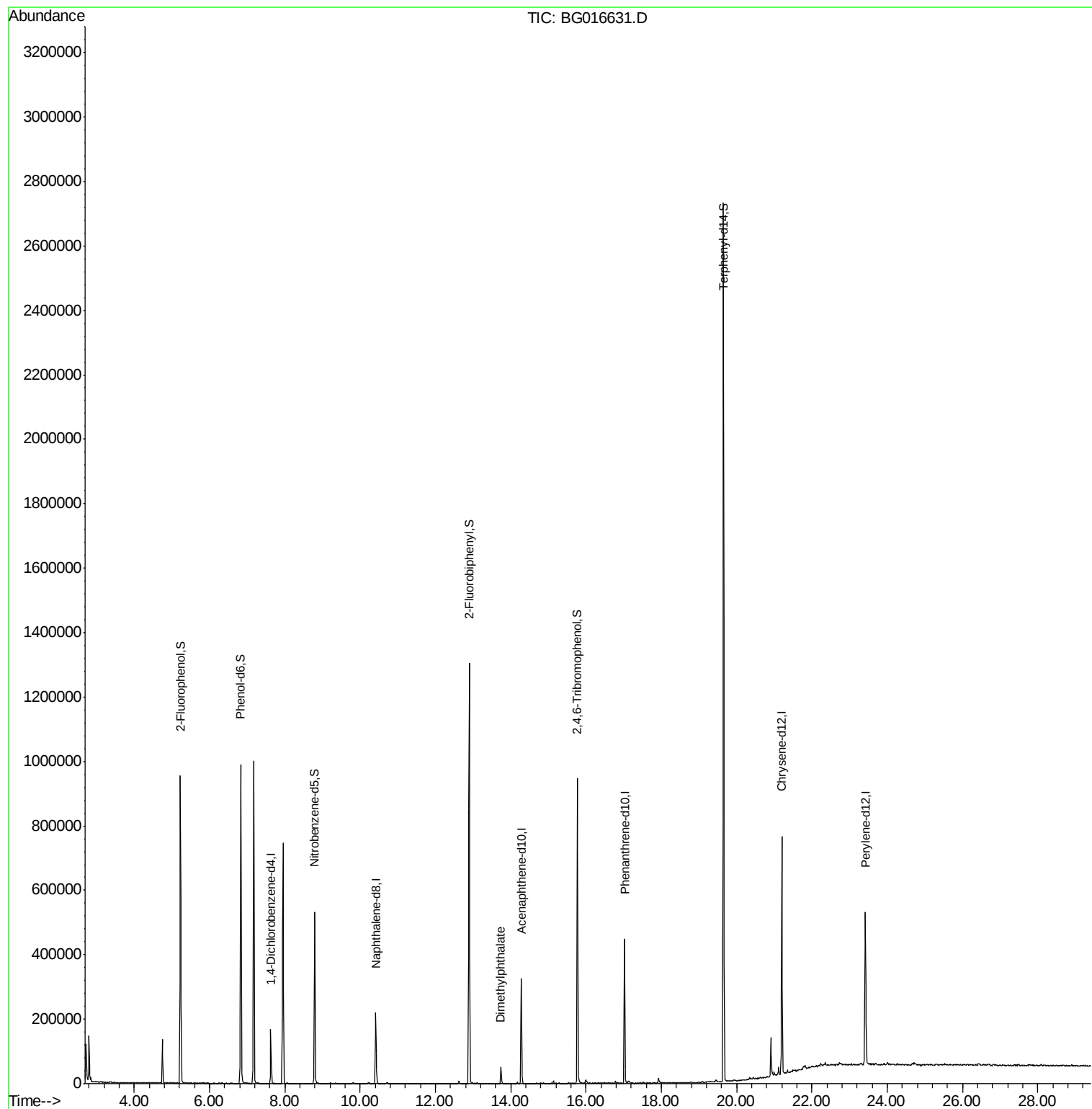
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 48352    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.42 | 136  | 196076   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 14.28 | 164  | 108583   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 17.03 | 188  | 251006   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 21.20 | 240  | 297870   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 23.42 | 264  | 277605   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.23  | 112  | 468497   | 155.29 | ng    | 0.00         |
| 7) Phenol-d6                | 6.83  | 99   | 642529   | 152.44 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.79  | 82   | 314667   | 98.82  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 15.77 | 330  | 135100   | 183.19 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 12.90 | 172  | 659430   | 100.58 | ng    | 0.00         |
| 78) Terphenyl-d14           | 19.66 | 244  | 1052777  | 85.15  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 13.74 | 163  | 39458    | 4.91   | ng    | Qvalue<br>96 |

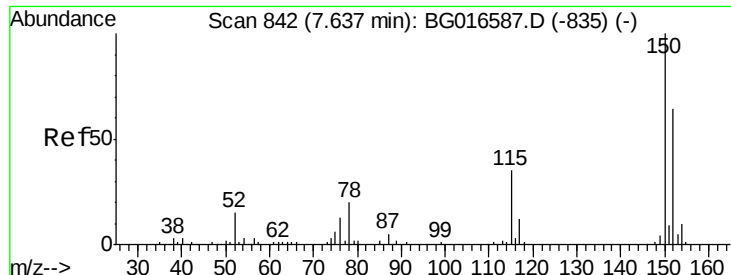
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042215\  
Data File : BG016631.D  
Acq On : 22 Apr 2015 21:59  
Operator : TP/IZ  
Sample : G1868-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PE-13

Quant Time: Apr 23 02:33:24 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG042115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 23 01:45:23 2015  
Response via : Initial Calibration



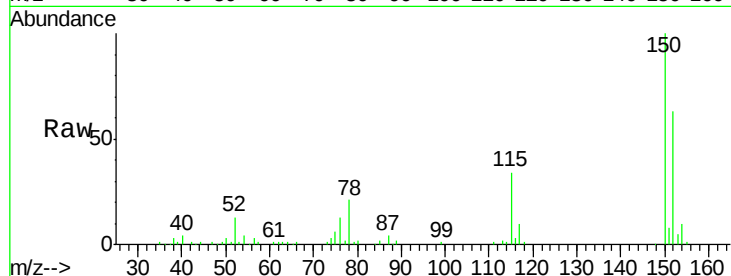


#1

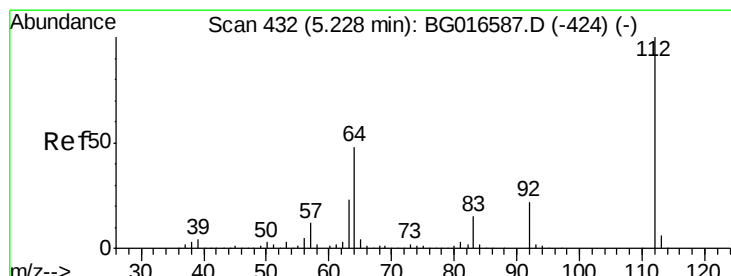
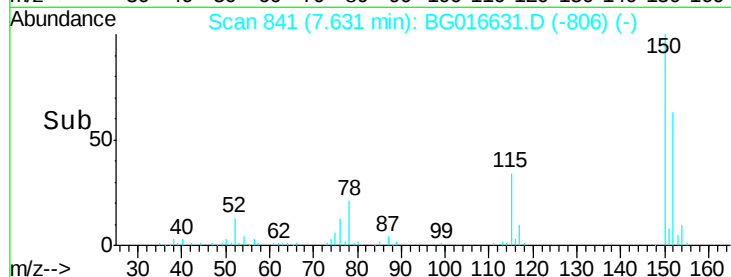
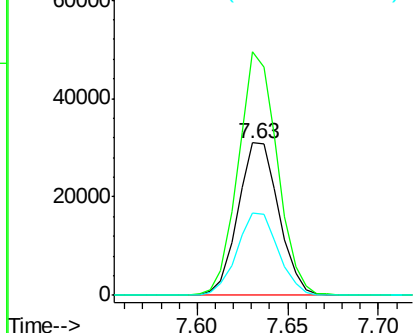
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.63 min Scan# 841  
Delta R.T. 0.00 min  
Lab File: BG016631.D  
Acq: 22 Apr 2015 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
PE-13

Tgt Ion:152 Resp: 48352  
Ion Ratio Lower Upper  
152 100  
150 159.9 125.5 188.3  
115 53.7 44.5 66.7



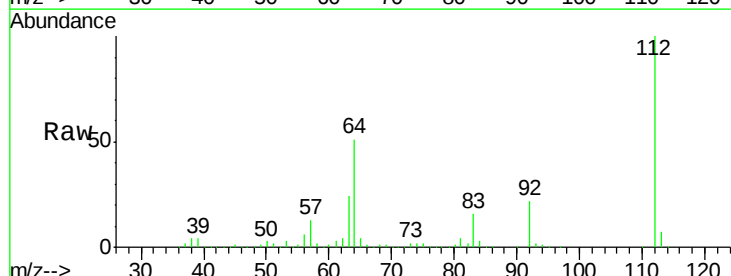
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



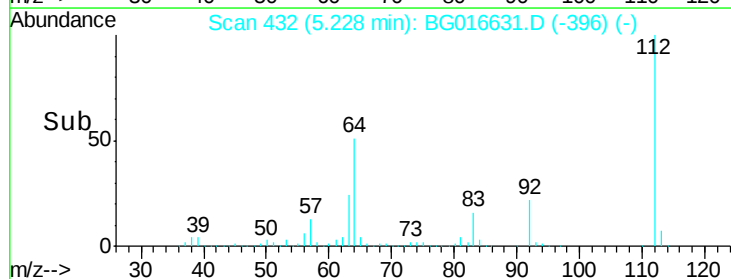
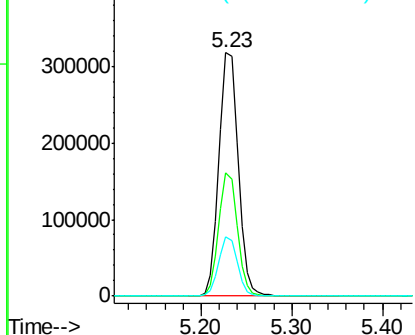
#5

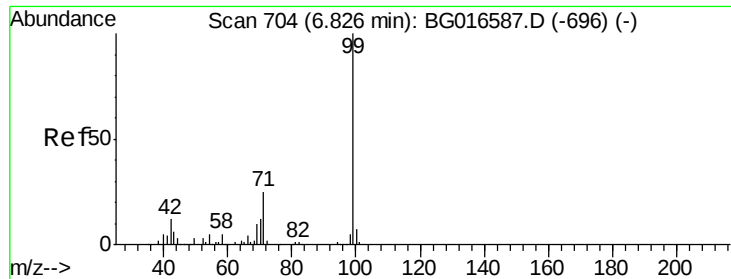
2-Fluorophenol  
Concen: 155.29 ng  
RT: 5.23 min Scan# 432  
Delta R.T. 0.01 min  
Lab File: BG016631.D  
Acq: 22 Apr 2015 21:59

Tgt Ion:112 Resp: 468497  
Ion Ratio Lower Upper  
112 100  
64 50.6 38.5 57.7  
63 24.4 18.2 27.4



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: 152.44 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG016631.D

Acq: 22 Apr 2015 21:59

Instrument :

BNA\_G

ClientSampled :

PE-13

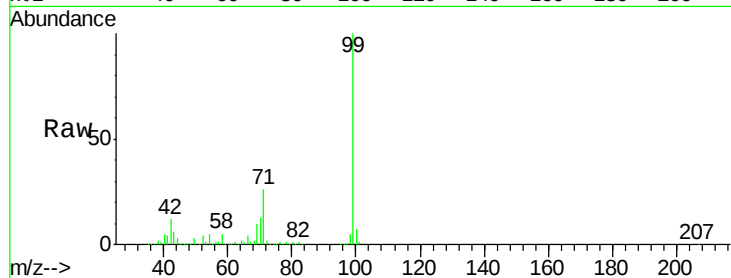
Tgt Ion: 99 Resp: 642529

Ion Ratio Lower Upper

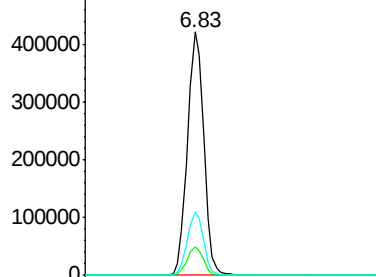
99 100

42 11.9 9.5 14.3

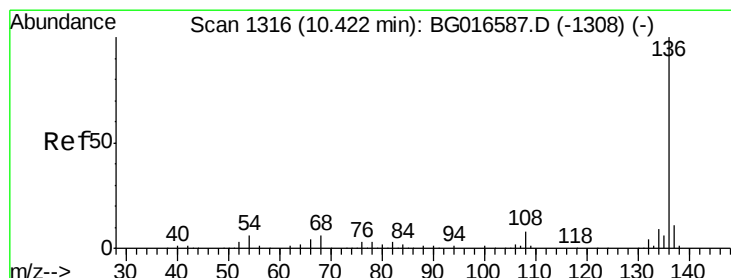
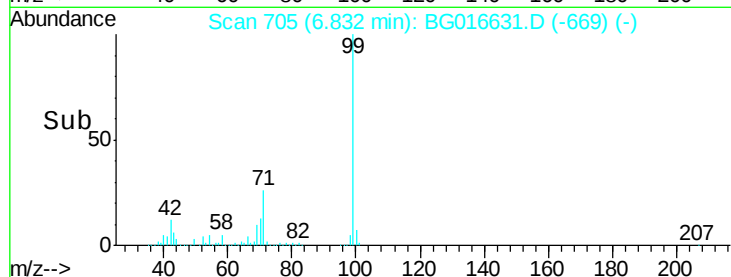
71 26.0 20.2 30.2



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



Time--> 6.70 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG016631.D

Acq: 22 Apr 2015 21:59

Tgt Ion: 136 Resp: 196076

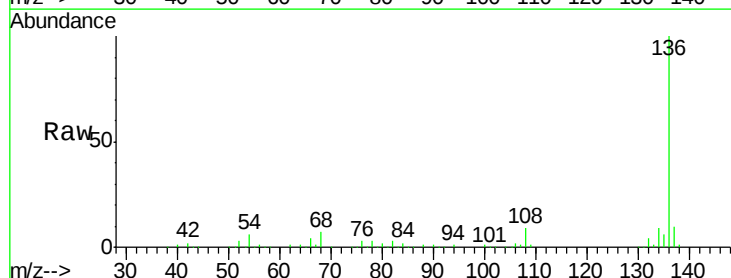
Ion Ratio Lower Upper

136 100

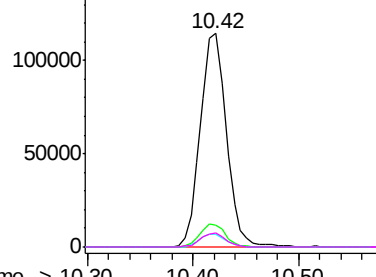
137 10.3 8.8 13.2

54 5.8 4.9 7.3

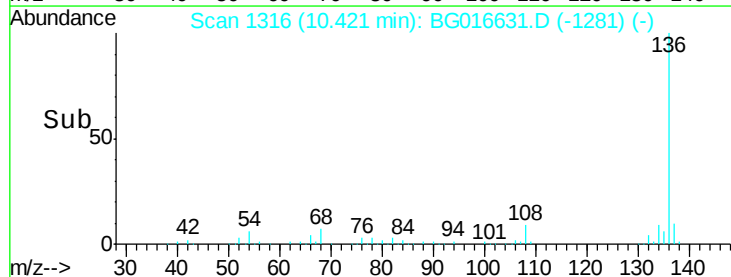
68 6.9 4.9 7.3

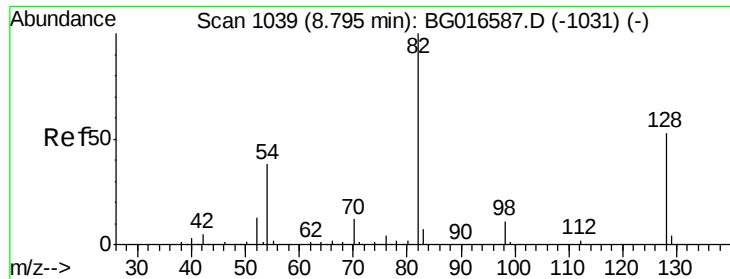


Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.30 10.40 10.50

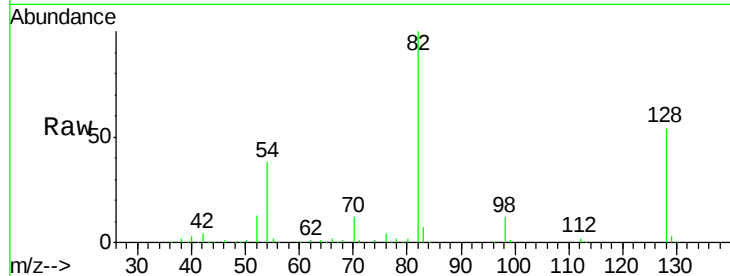




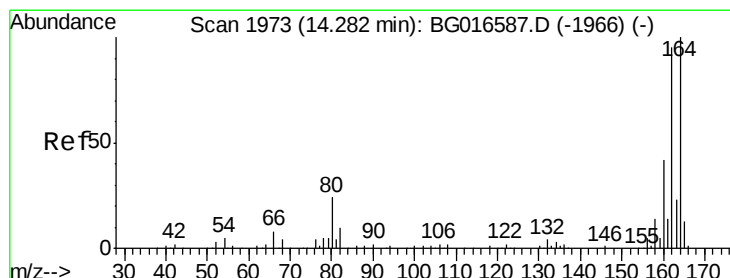
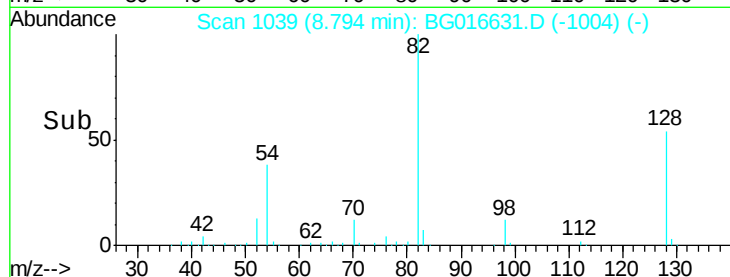
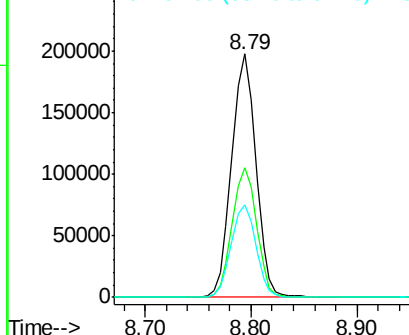
#23  
 Nitrobenzene-d5  
 Concen: 98.82 ng  
 RT: 8.79 min Scan# 1039  
 Delta R.T. 0.00 min  
 Lab File: BG016631.D  
 Acq: 22 Apr 2015 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PE-13

Tgt Ion: 82 Resp: 314667  
 Ion Ratio Lower Upper  
 82 100  
 128 53.5 42.7 64.1  
 54 37.8 30.6 45.8

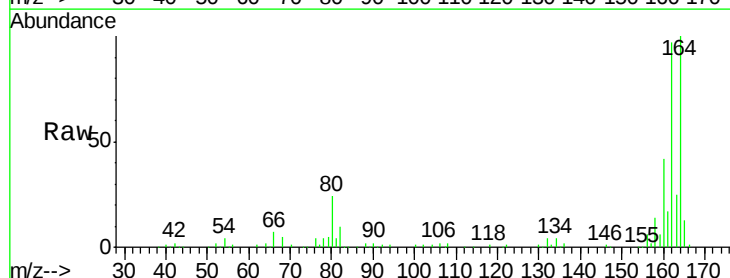


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

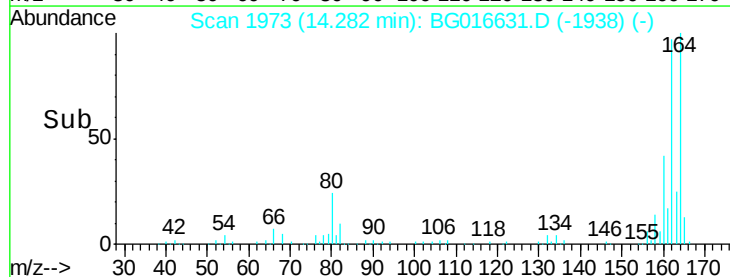
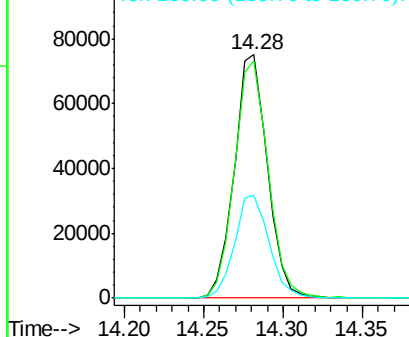


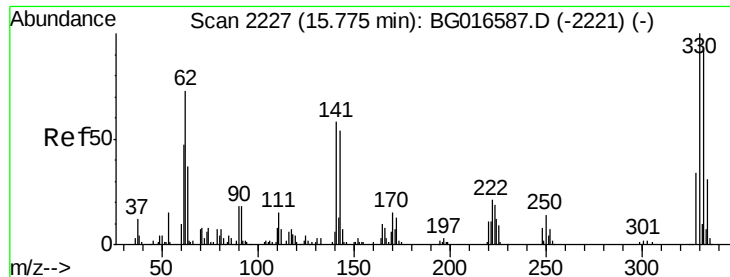
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.28 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: BG016631.D  
 Acq: 22 Apr 2015 21:59

Tgt Ion: 164 Resp: 108583  
 Ion Ratio Lower Upper  
 164 100  
 162 97.2 75.8 113.6  
 160 42.4 33.8 50.6



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: 183.19 ng

RT: 15.77 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG016631.D

Acq: 22 Apr 2015 21:59

Instrument :

BNA\_G

ClientSampleId :

PE-13

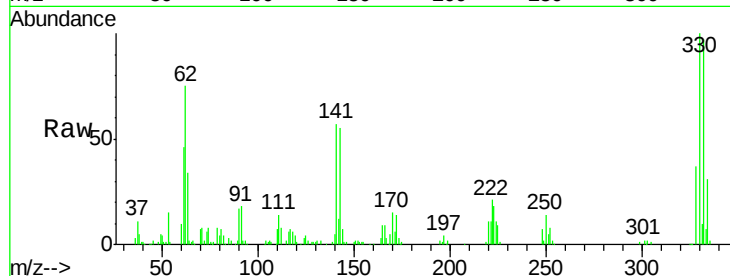
Tgt Ion:330 Resp: 135100

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

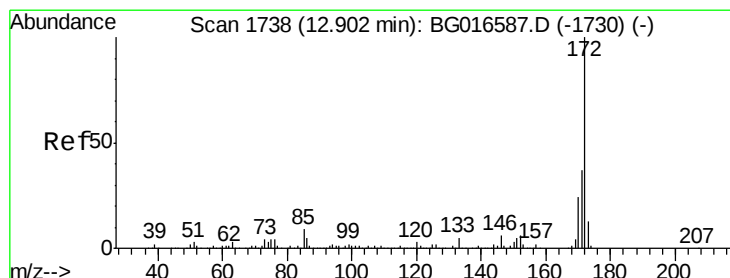
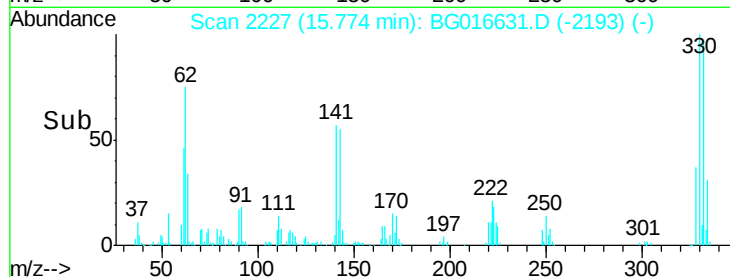
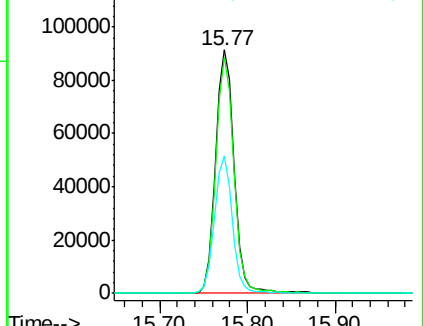
141 54.7 45.9 68.9



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: 100.58 ng

RT: 12.90 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BG016631.D

Acq: 22 Apr 2015 21:59

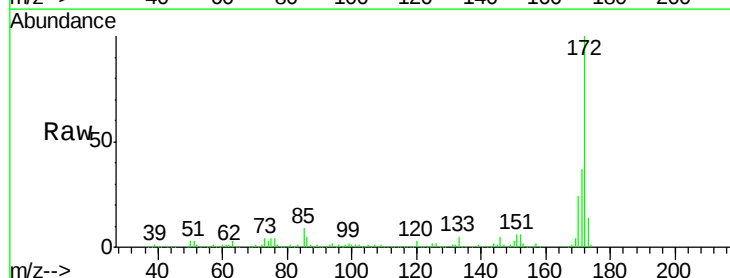
Tgt Ion:172 Resp: 659430

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

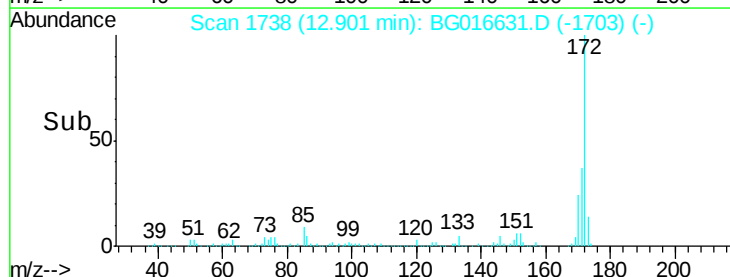
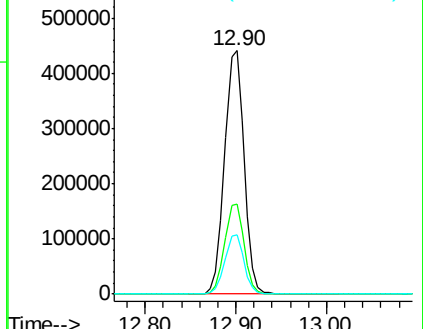
170 24.3 19.4 29.0

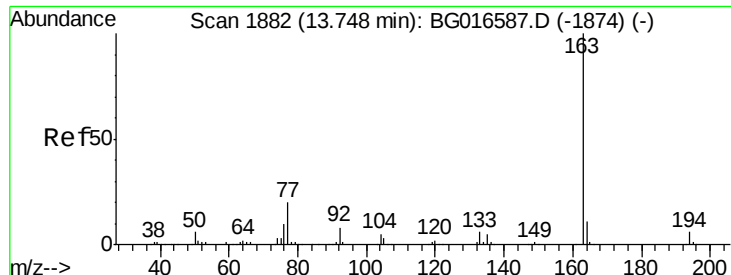


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.91 ng

RT: 13.74 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG016631.D

Acq: 22 Apr 2015 21:59

Instrument :

BNA\_G

ClientSampleId :

PE-13

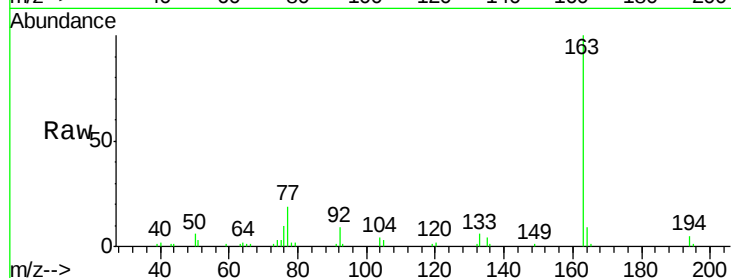
Tgt Ion:163 Resp: 39458

Ion Ratio Lower Upper

163 100

194 5.0 4.9 7.3

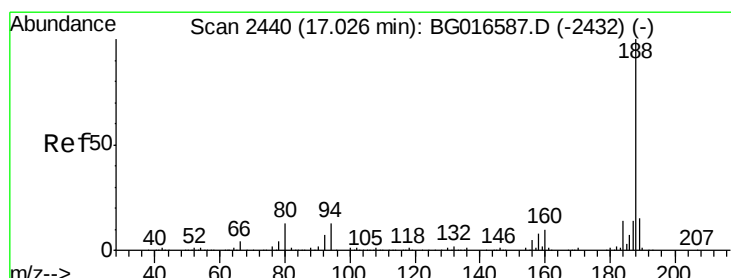
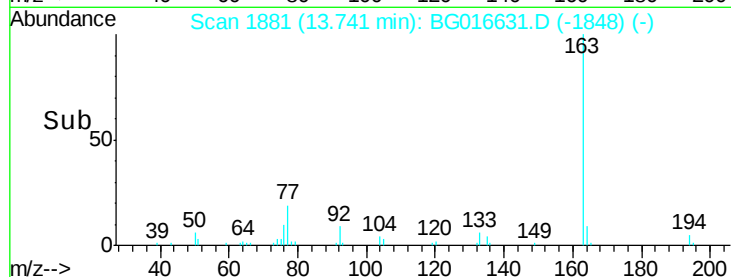
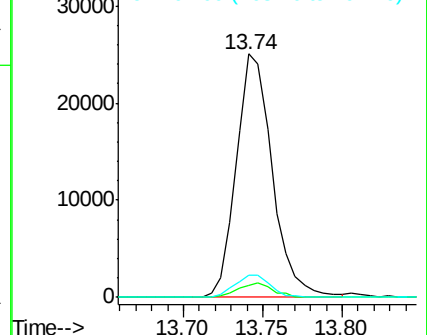
164 9.1 8.6 12.8



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: 17.03 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG016631.D

Acq: 22 Apr 2015 21:59

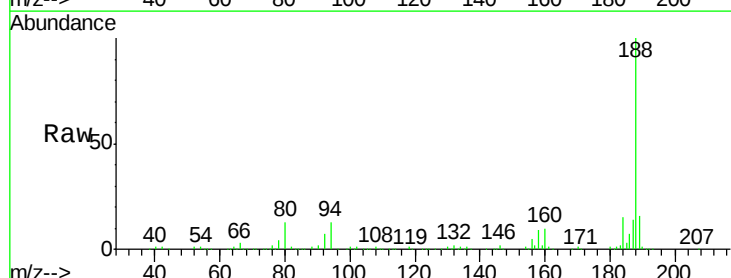
Tgt Ion:188 Resp: 251006

Ion Ratio Lower Upper

188 100

94 12.7 10.5 15.7

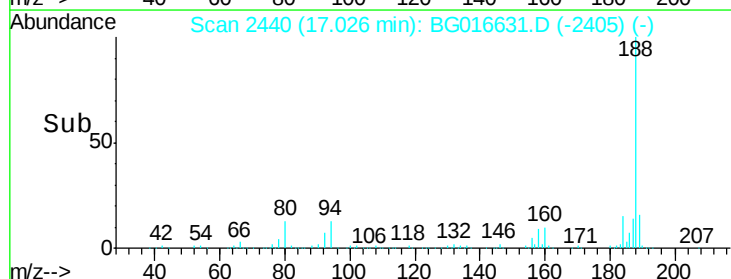
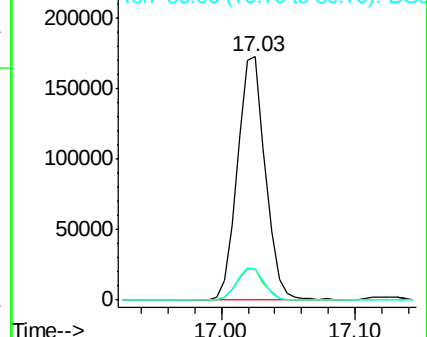
80 12.7 10.6 16.0

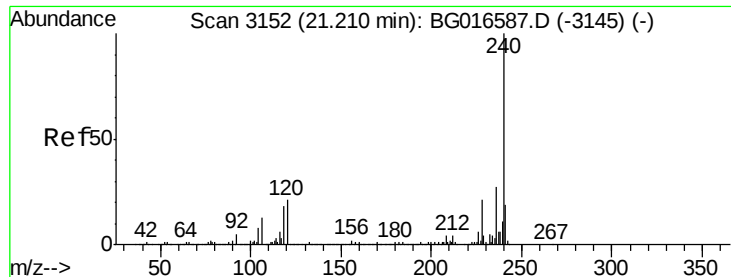


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

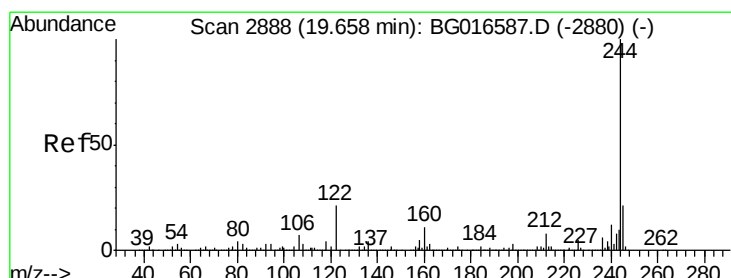
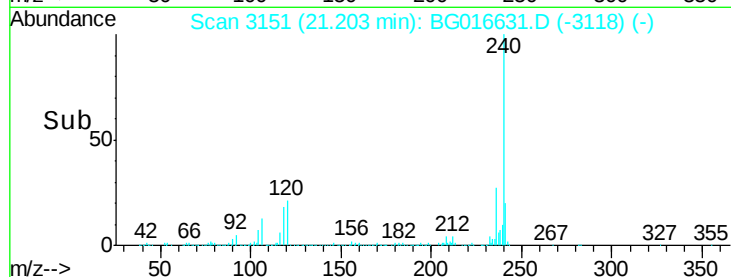
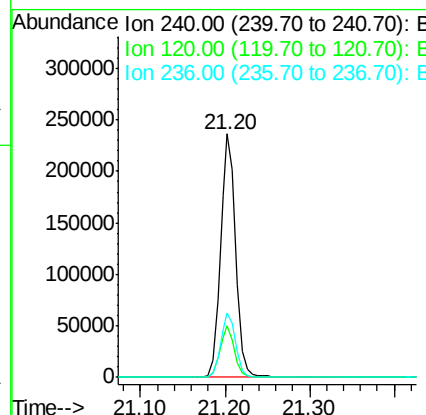
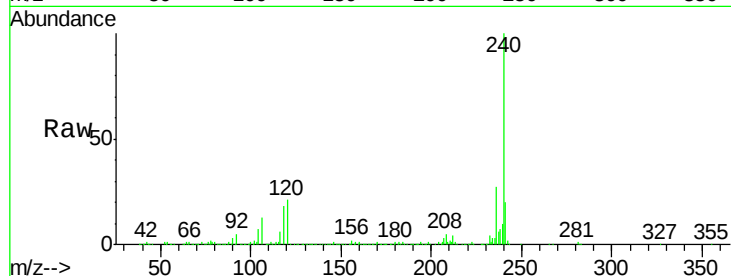




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.20 min Scan# 3151  
Delta R.T. -0.01 min  
Lab File: BG016631.D  
Acq: 22 Apr 2015 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
PE-13

Tgt Ion:240 Resp: 297870  
Ion Ratio Lower Upper  
240 100  
120 21.1 16.7 25.1  
236 26.7 21.7 32.5



#78  
Terphenyl-d14  
Concen: 85.15 ng  
RT: 19.66 min Scan# 2888  
Delta R.T. 0.00 min  
Lab File: BG016631.D  
Acq: 22 Apr 2015 21:59

Tgt Ion:244 Resp: 1052777  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.8 10.2  
122 20.4 17.0 25.6

