

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF063015\  
 Data File : BF080233.D  
 Acq On : 30 Jun 2015 13:12  
 Operator : TP/IZ  
 Sample : G2826-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

Quant Time: Jul 01 01:36:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 23 00:53:56 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.28  | 152  | 27274    | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 8.57  | 136  | 112786   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 10.34 | 164  | 61588    | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 11.85 | 188  | 130276   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12          | 14.80 | 240  | 139685   | 20.00 | ng    | -0.19    |
| 86) Perylene-d12          | 16.64 | 264  | 132548   | 20.00 | ng    | -0.29    |

| System Monitoring Compounds | R.T. | QIon | Response | Conc | Units |
|-----------------------------|------|------|----------|------|-------|
| 5) 2-Fluorophenol           | 0.00 | 112  | 0        | 0.00 | ng    |
| 7) Phenol-d6                | 0.00 | 99   | 0        | 0.00 | ng    |
| 23) Nitrobenzene-d5         | 0.00 | 82   | 0        | 0.00 | ng    |
| 41) 2,4,6-Tribromophenol    | 0.00 | 330  | 0        | 0.00 | ng    |
| 44) 2-Fluorobiphenyl        | 0.00 | 172  | 0        | 0.00 | ng    |
| 78) Terphenyl-d14           | 0.00 | 244  | 0        | 0.00 | ng    |

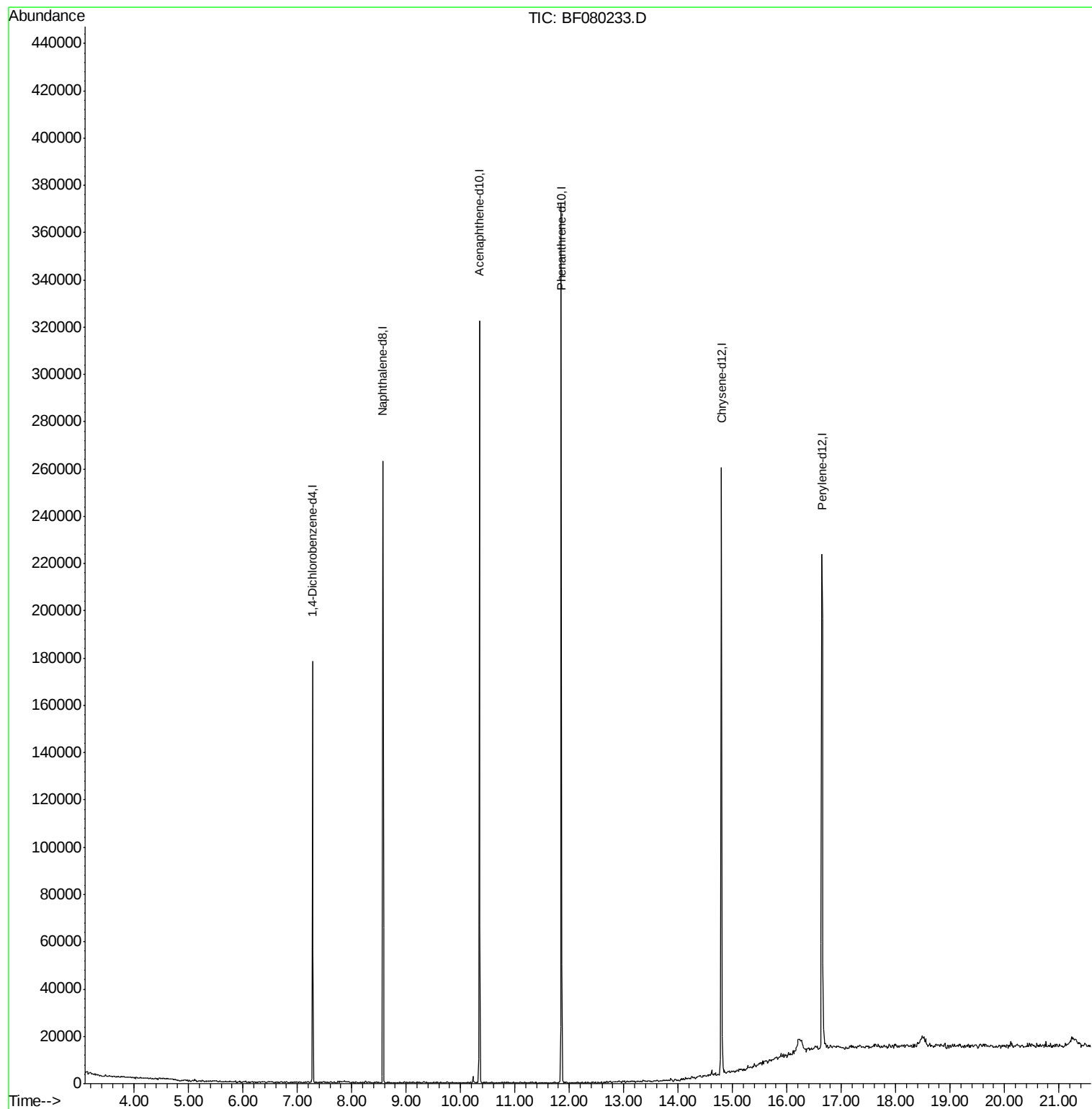
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

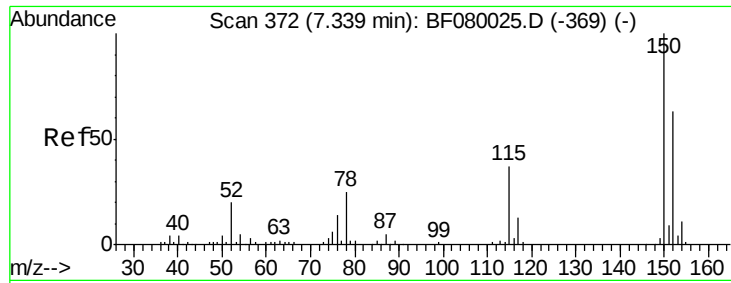
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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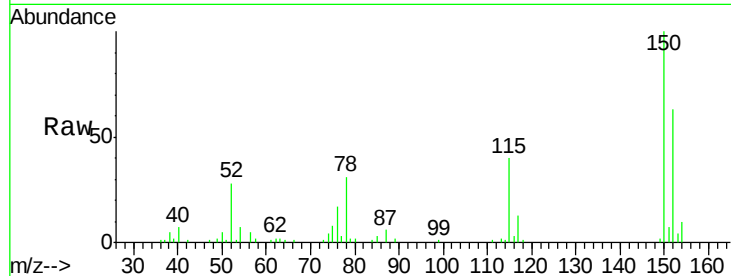


#1

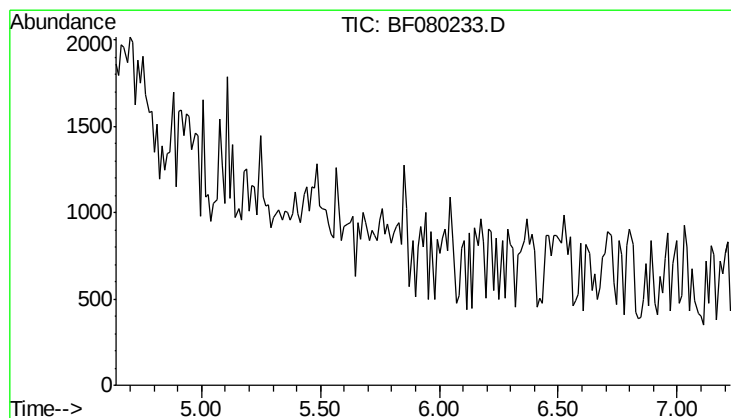
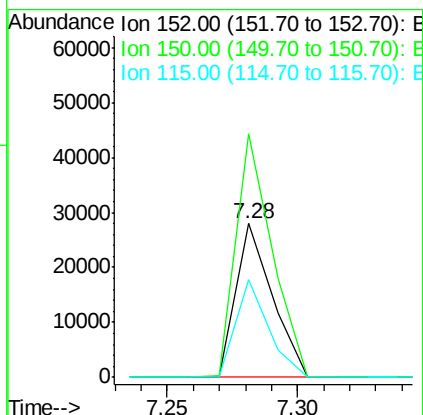
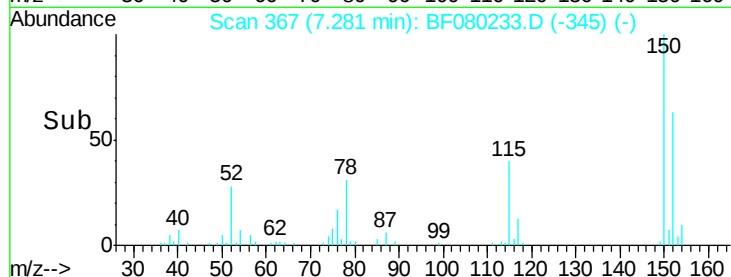
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.28 min Scan# 367  
 Delta R.T. -0.05 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

Tgt Ion:152 Resp: 27274  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 124.7 187.1  
 115 63.9 39.0 58.4#



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

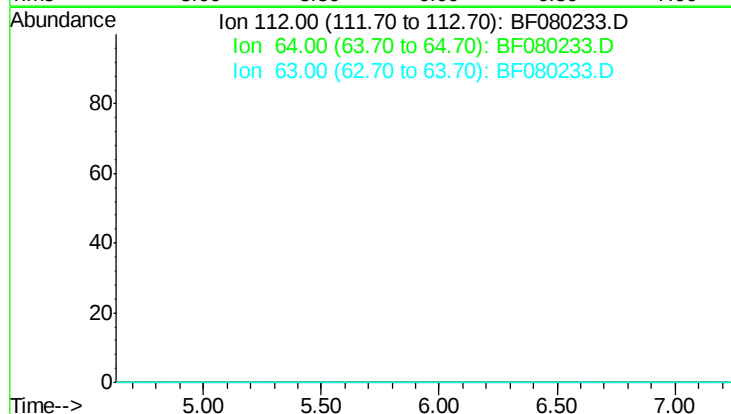


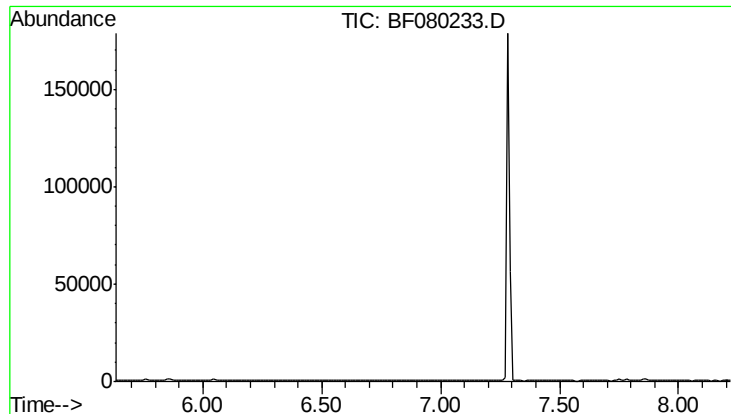
#5

2-Fluorophenol  
 Concen: 0.00 ng  
 Expected RT: 5.93 min

Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

Tgt Ion: 112  
 Sig Exp Ratio  
 112 100  
 64 49.6  
 63 21.7

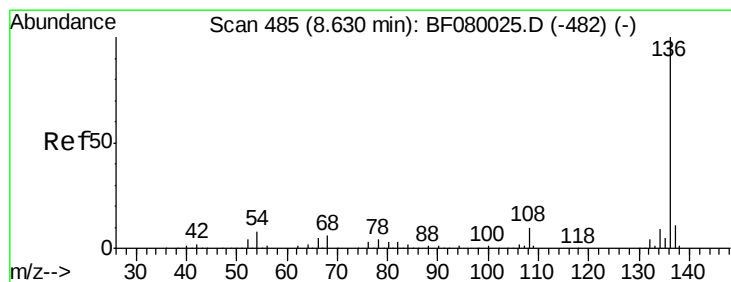
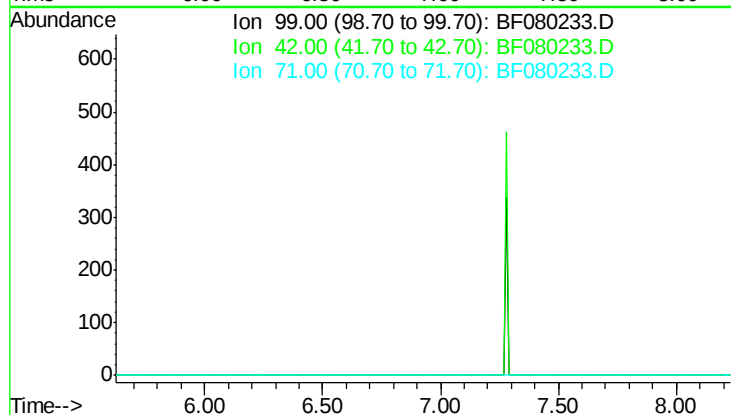




#7  
 Phenol-d6  
 Concen: 0.00 ng  
 Expected RT: 6.93 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

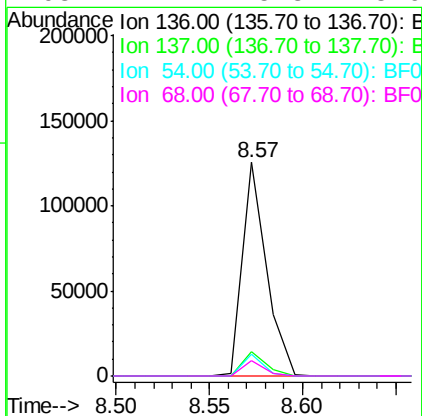
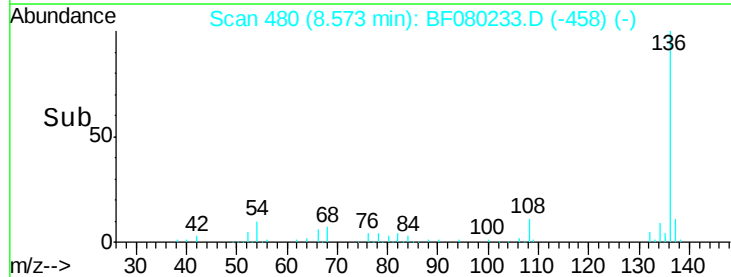
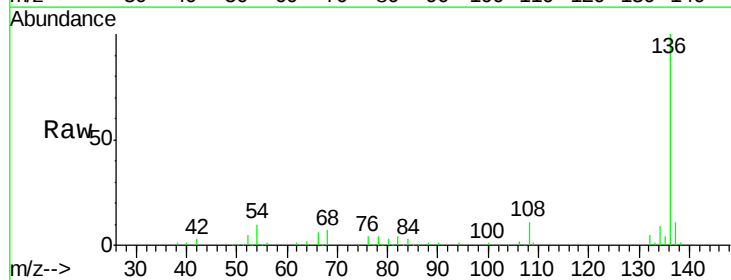
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

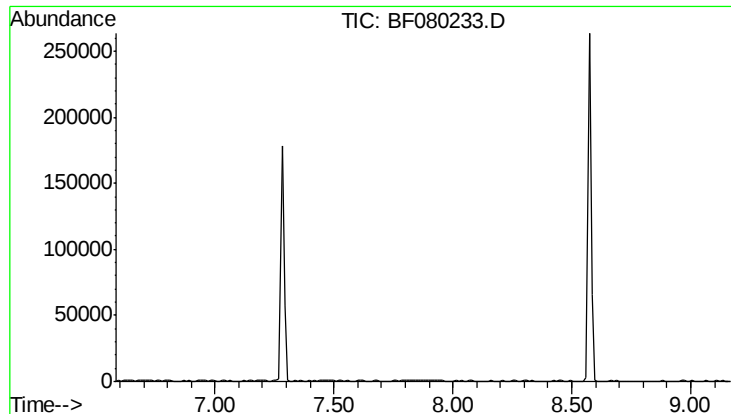
Tgt Ion: 99  
 Sig Exp Ratio  
 99 100  
 42 17.1  
 71 17.7



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.57 min Scan# 480  
 Delta R.T. -0.05 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

Tgt Ion: 136 Resp: 112786  
 Ion Ratio Lower Upper  
 136 100  
 137 11.3 9.0 13.6  
 54 10.2 8.2 12.2  
 68 7.4 5.8 8.6

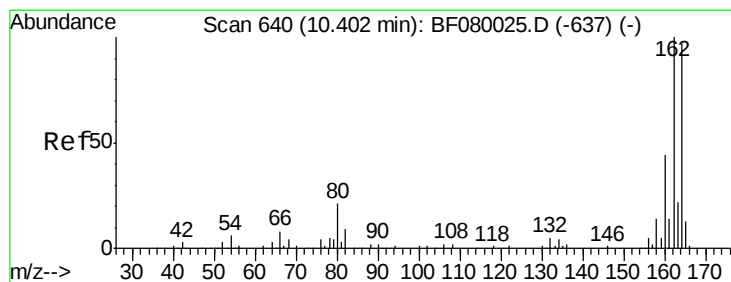
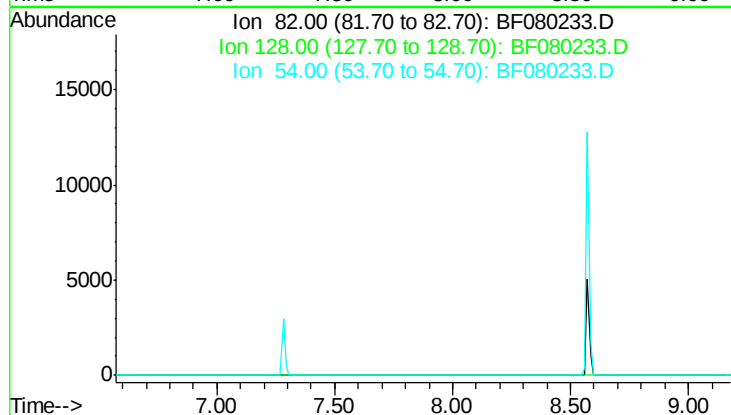




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.88 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

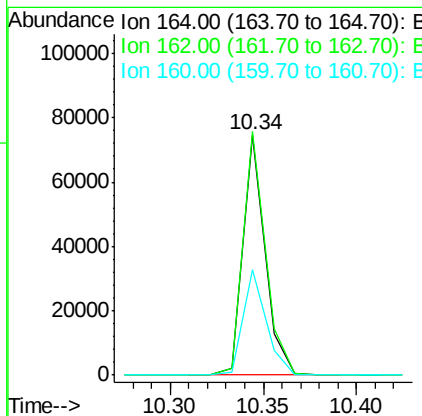
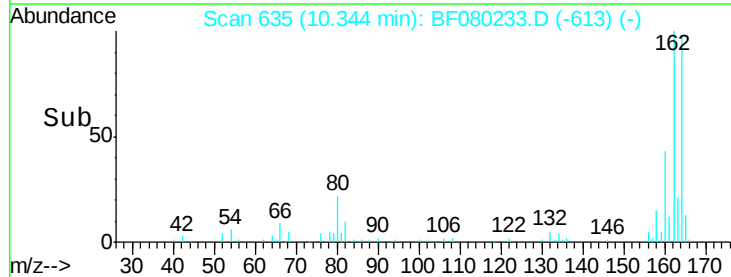
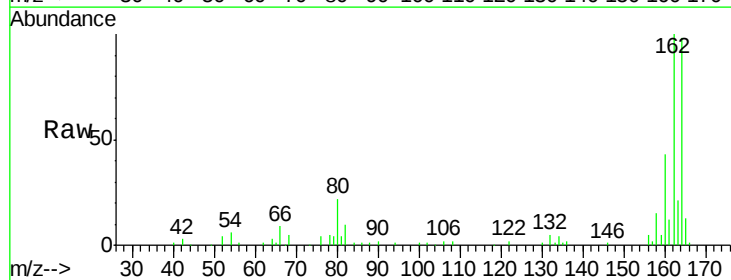
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

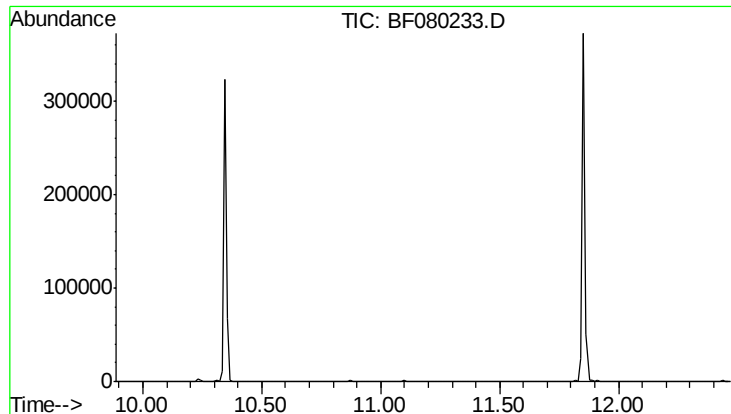
Tgt Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 63.8  
 54 59.4



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.34 min Scan# 635  
 Delta R.T. -0.05 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

Tgt Ion: 164 Resp: 61588  
 Ion Ratio Lower Upper  
 164 100  
 162 101.5 75.2 112.8  
 160 43.9 31.5 47.3





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 11.18 min

Lab File: BF080233.D

Acq: 30 Jun 2015 13:12

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

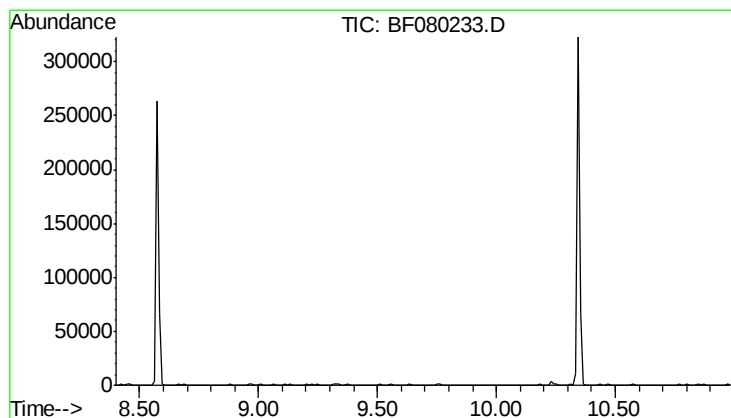
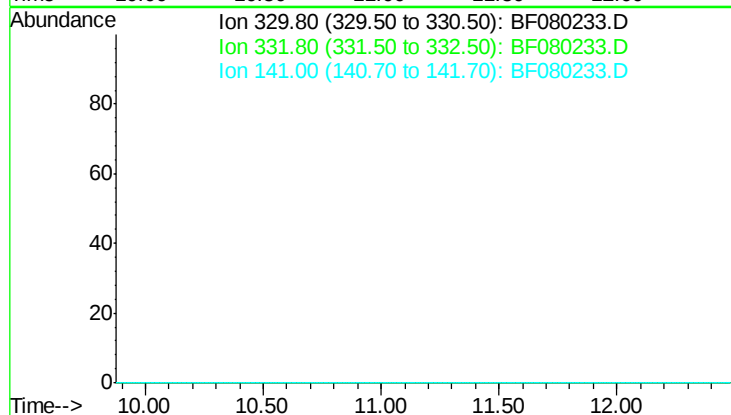
Tgt Ion: 330

Sig Exp Ratio

330 100

332 95.7

141 37.1



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.69 min

Lab File: BF080233.D

Acq: 30 Jun 2015 13:12

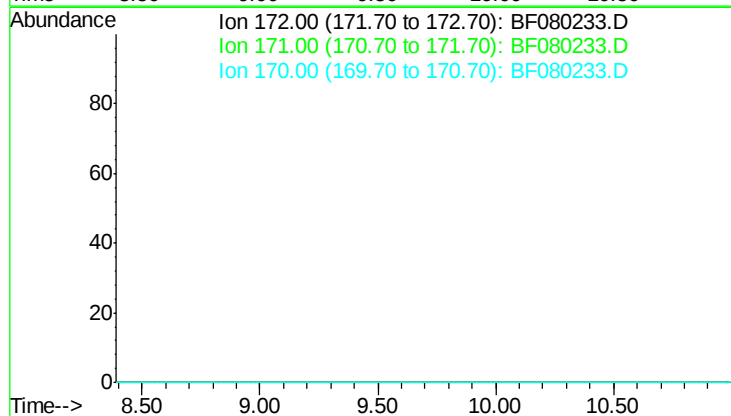
Tgt Ion: 172

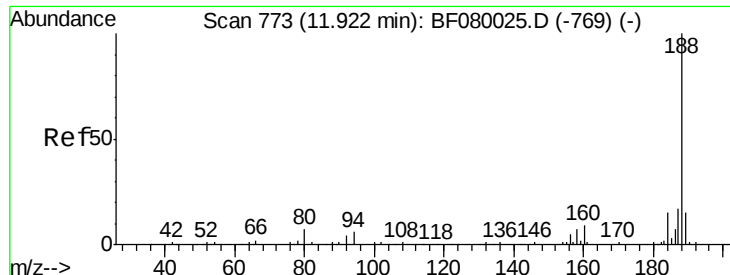
Sig Exp Ratio

172 100

171 32.6

170 21.8

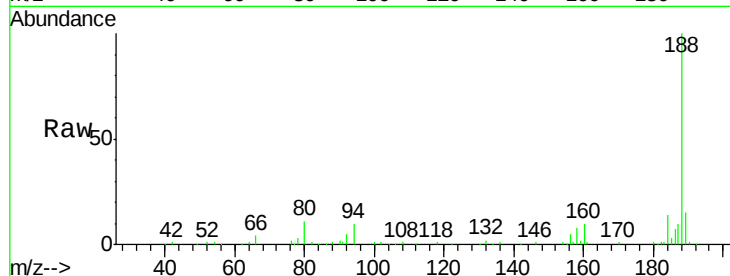




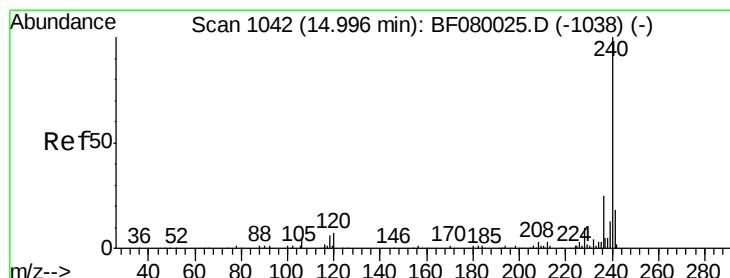
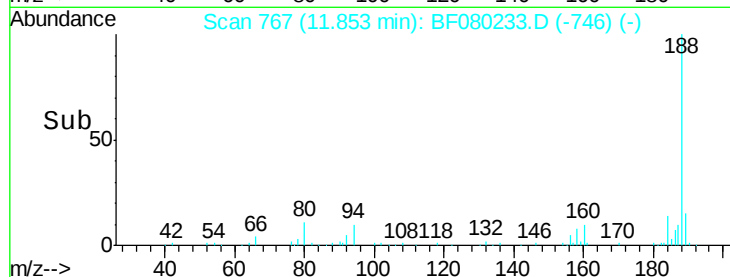
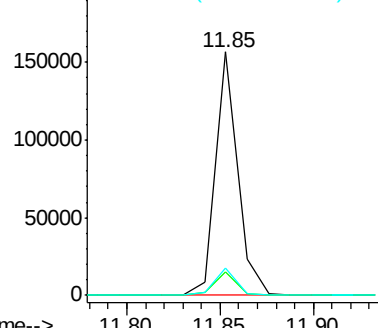
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.85 min Scan# 767  
Delta R.T. -0.06 min  
Lab File: BF080233.D  
Acq: 30 Jun 2015 13:12

Instrument :  
BNA\_F  
ClientSampleId :  
SVOC-GPC-BLANK

Tgt Ion:188 Resp: 130276  
Ion Ratio Lower Upper  
188 100  
94 9.8 11.1 16.7#  
80 11.0 11.0 16.4

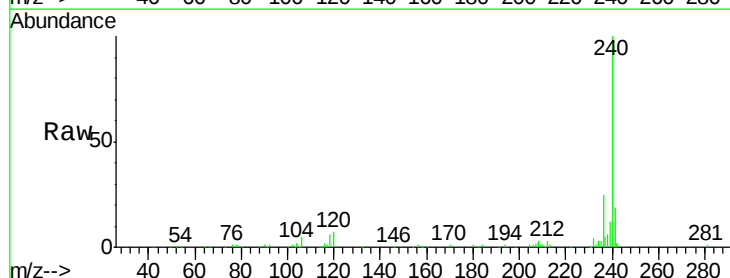


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

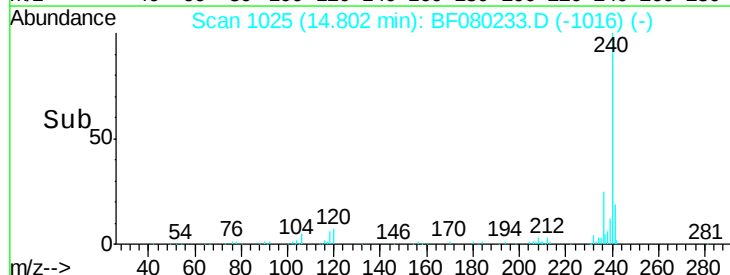
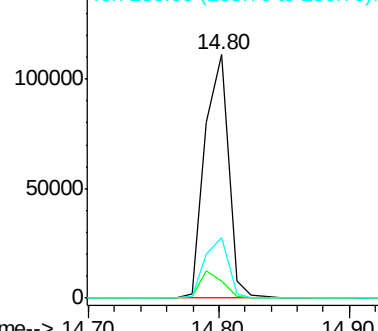


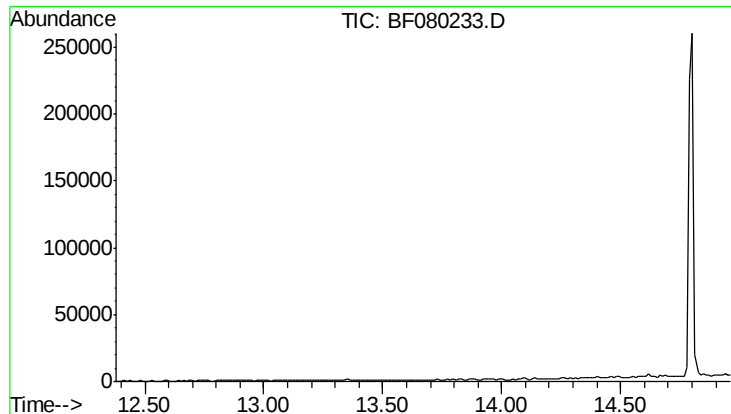
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.80 min Scan# 1025  
Delta R.T. -0.19 min  
Lab File: BF080233.D  
Acq: 30 Jun 2015 13:12

Tgt Ion:240 Resp: 139685  
Ion Ratio Lower Upper  
240 100  
120 7.0 16.2 24.2#  
236 25.0 18.4 27.6



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



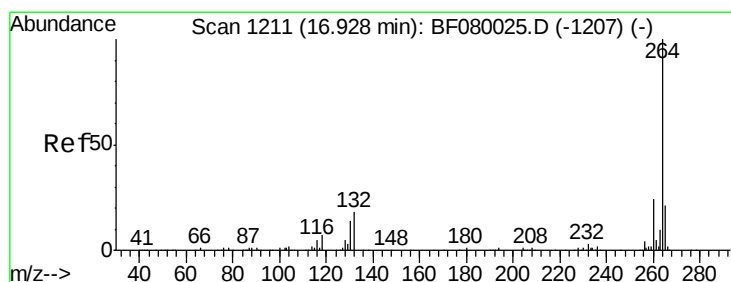
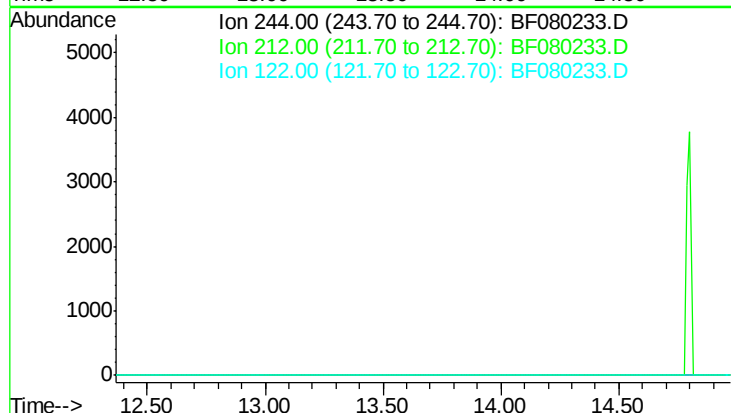


#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 13.67 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

Tgt Ion: 244  

| Sig | Exp Ratio |
|-----|-----------|
| 244 | 100       |
| 212 | 5.4       |
| 122 | 21.8      |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.64 min Scan# 1186  
 Delta R.T. -0.29 min  
 Lab File: BF080233.D  
 Acq: 30 Jun 2015 13:12

Tgt Ion: 264 Resp: 132548  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 16.7  | 25.1  |
| 265 | 21.7  | 17.2  | 25.8  |

