

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\  
 Data File : BF079341.D  
 Acq On : 19 May 2015 13:30  
 Operator : TP/IZ  
 Sample : G2295-05  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 20 05:24:44 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 05:08:22 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.13  | 152  | 34575    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.71  | 136  | 140706   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.88 | 164  | 71070    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.72 | 188  | 141614   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 16.06 | 240  | 145299   | 20.00 | ng    | 0.03     |
| 86) Perylene-d12            | 17.94 | 264  | 159167   | 20.00 | ng    | 0.13     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 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    |          |

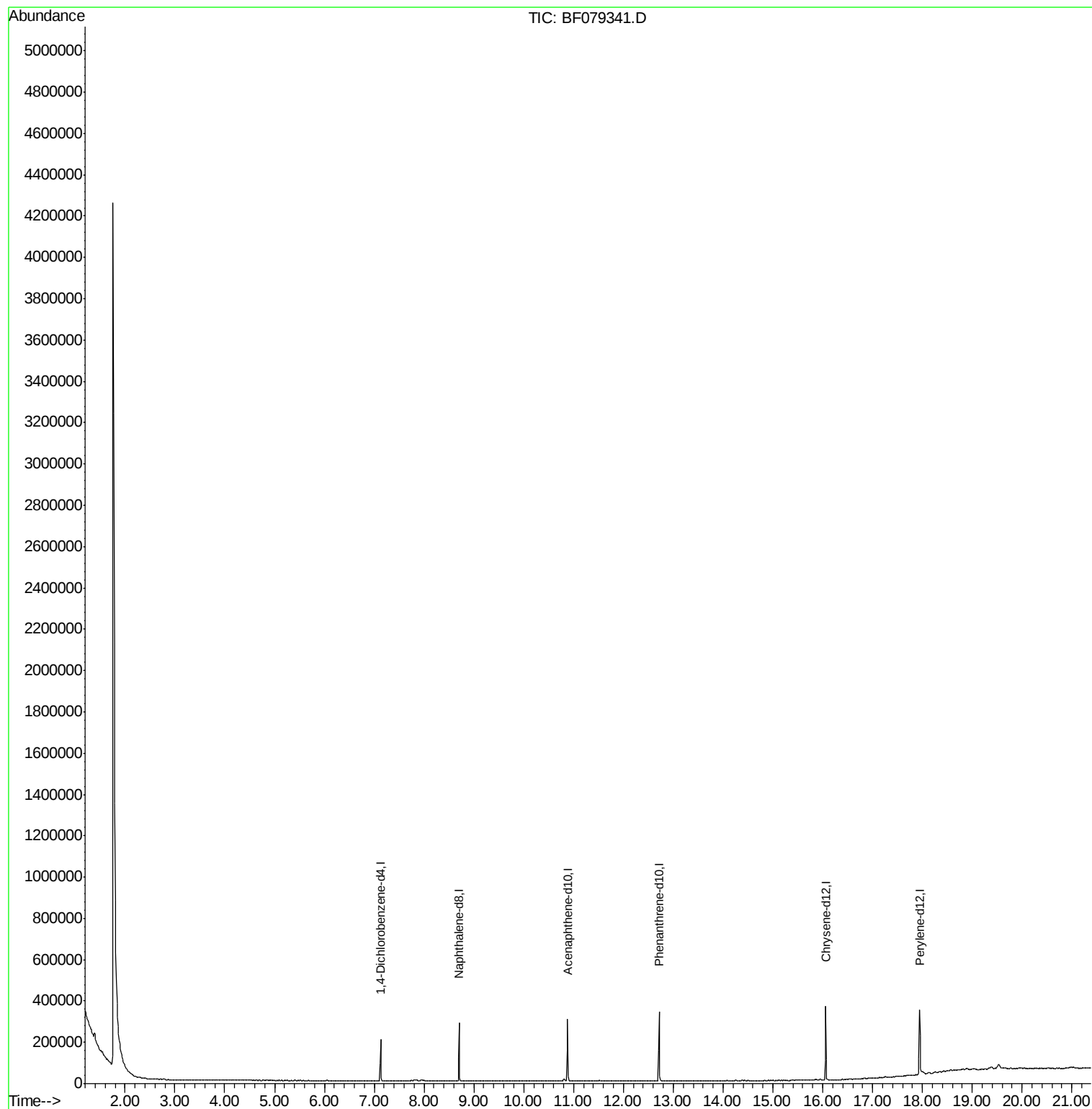
Target Compounds Qvalue

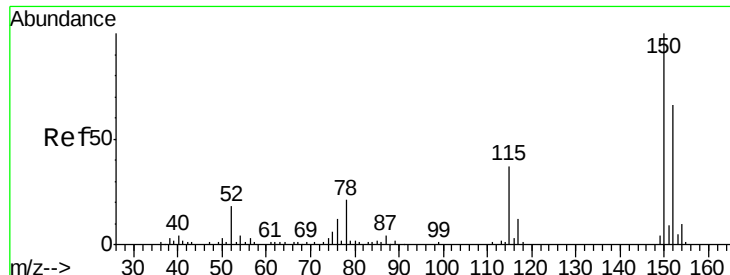
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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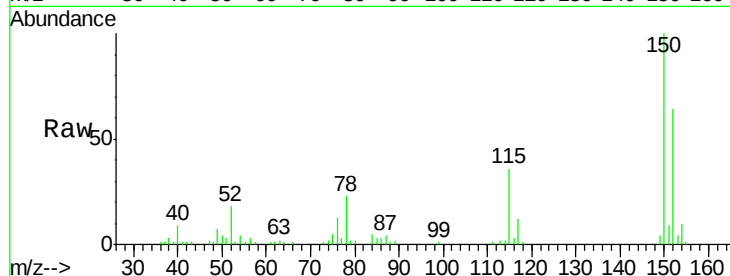




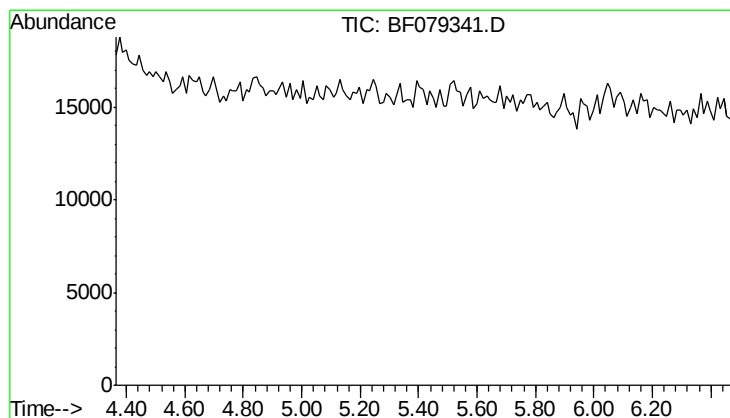
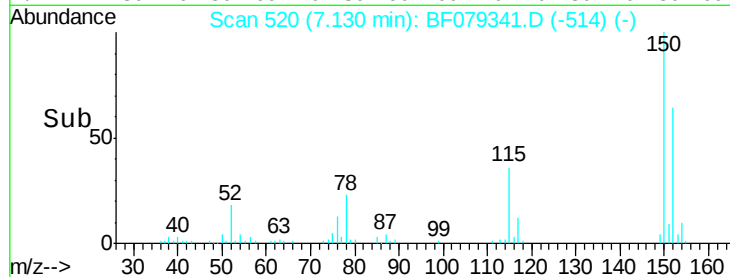
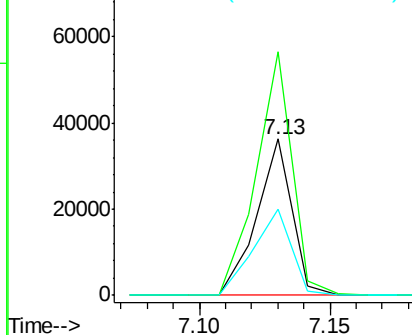
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.13 min Scan# 520  
 Delta R.T. -0.00 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 123.8 | 185.8 |
| 115     | 55.5  | 49.4  | 74.0  |



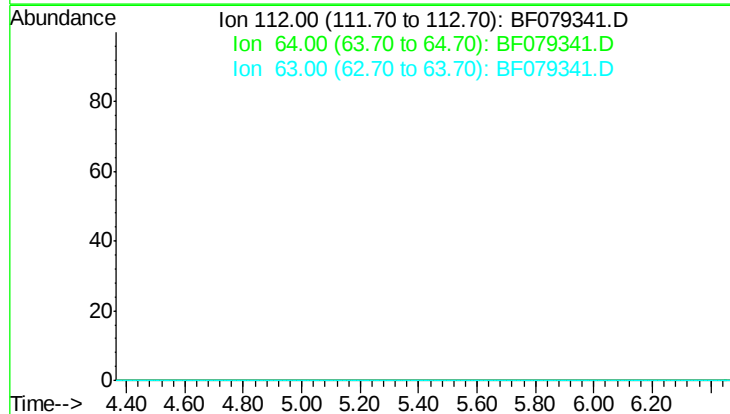
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

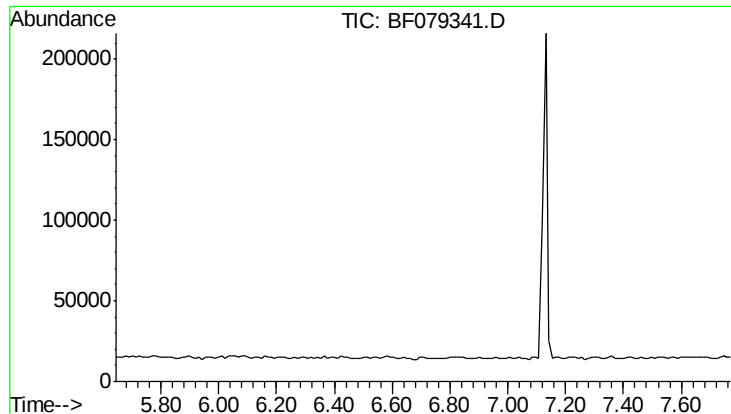


#5  
 2-Fluorophenol  
 Concen: 0.00 ng  
 Expected RT: 5.42 min

Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

| Tgt Ion | Sig  | Exp Ratio |
|---------|------|-----------|
| 112     | 100  |           |
| 64      | 55.2 |           |
| 63      | 28.4 |           |

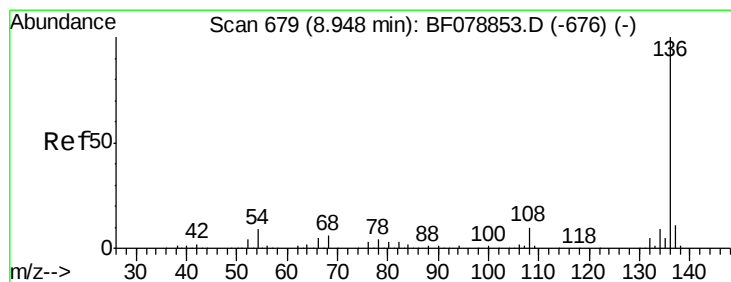
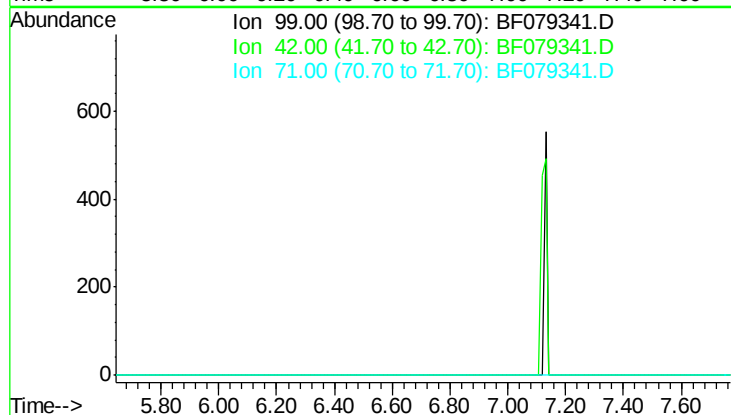




#7  
 Phenol-d6  
 Concen: 0.00 ng  
 Expected RT: 6.71 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

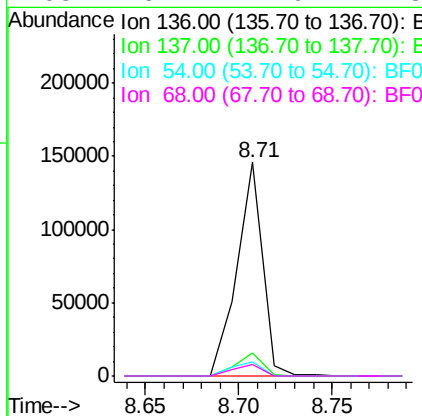
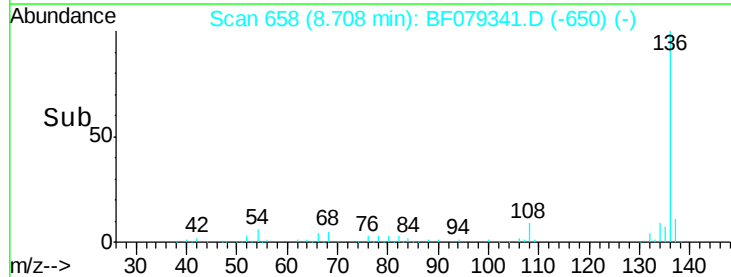
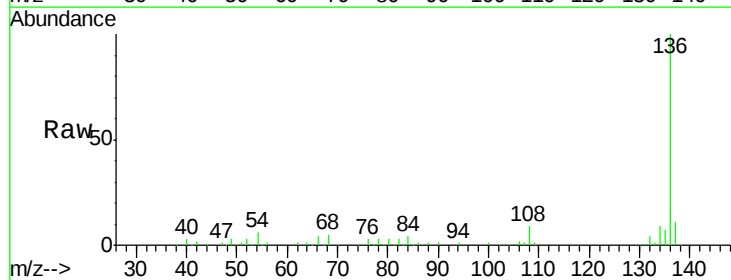
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

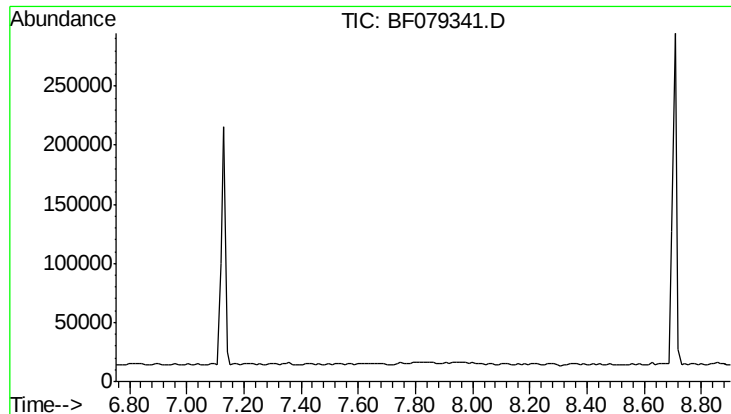
Tot Ion: 99  
 Sig Exp Ratio  
 99 100  
 42 21.4  
 71 32.9



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.71 min Scan# 658  
 Delta R.T. -0.00 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

Tgt Ion: 136 Resp: 140706  
 Ion Ratio Lower Upper  
 136 100  
 137 10.6 8.8 13.2  
 54 6.3 6.9 10.3#  
 68 5.1 4.9 7.3

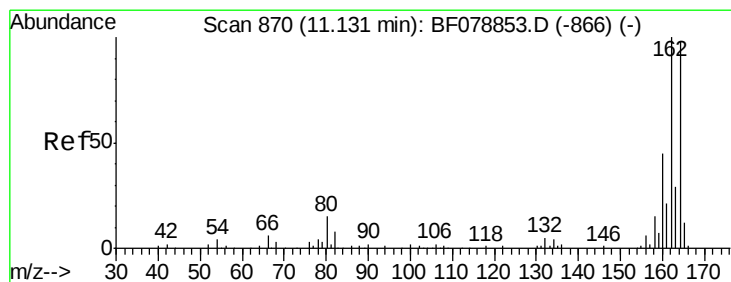
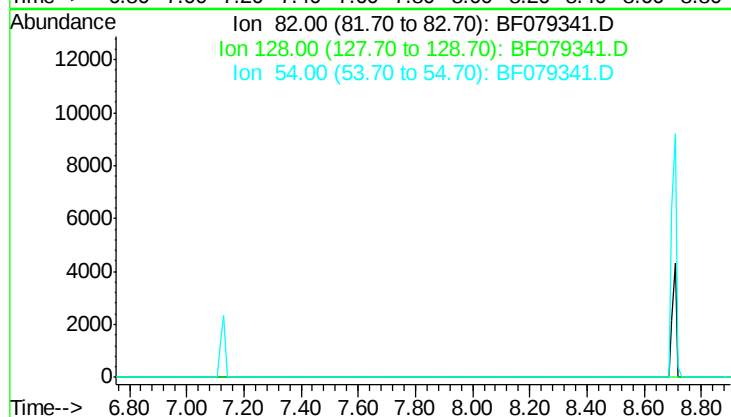




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.83 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

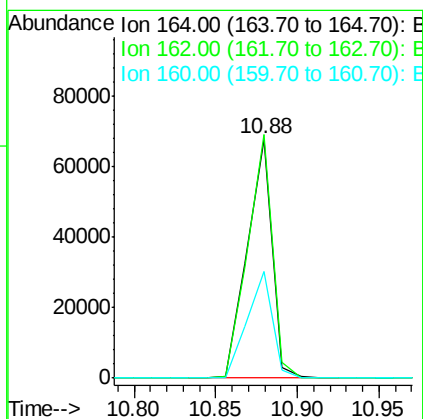
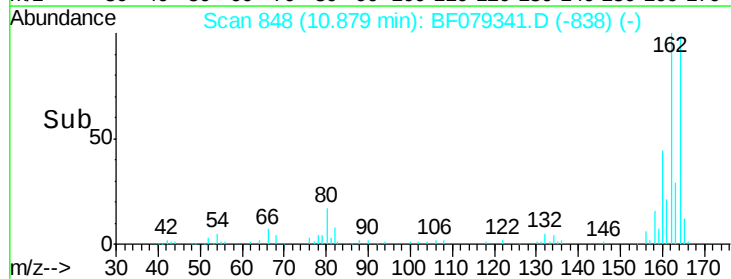
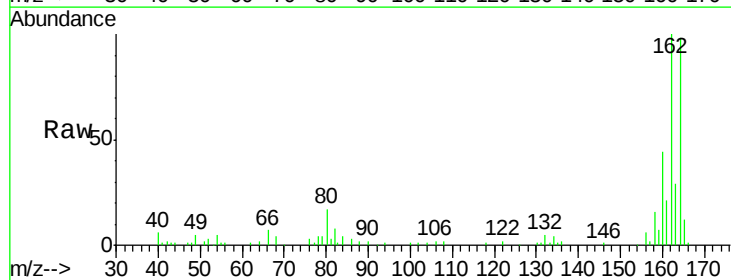
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

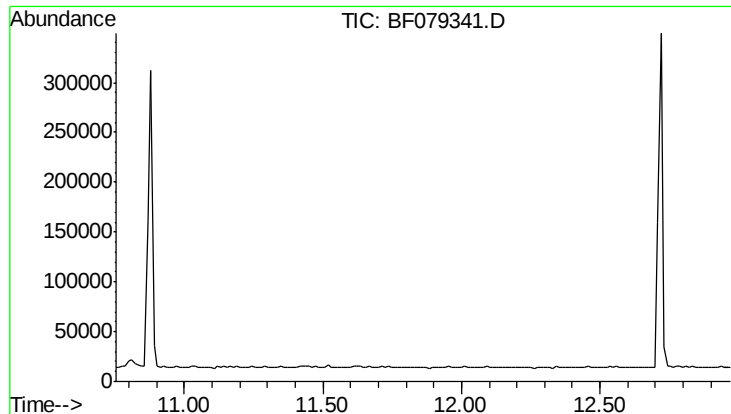
Tot Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 37.1  
 54 57.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.88 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

Tgt Ion:164 Resp: 71070  
 Ion Ratio Lower Upper  
 164 100  
 162 102.1 81.4 122.0  
 160 44.7 36.6 54.8

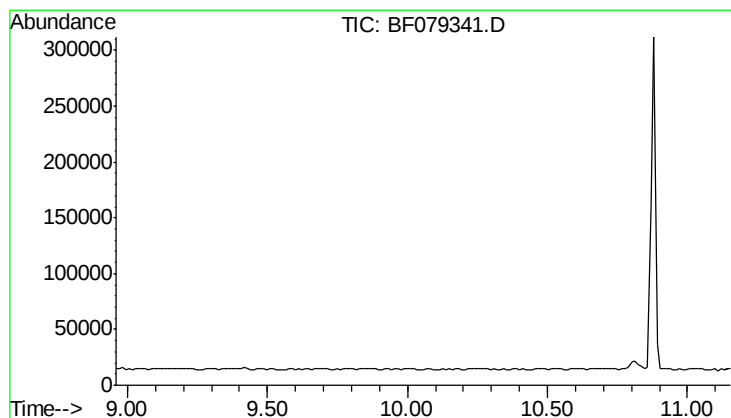
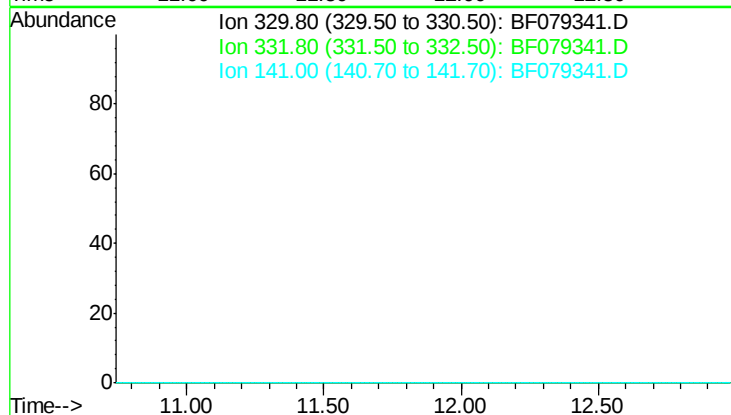




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 11.86 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

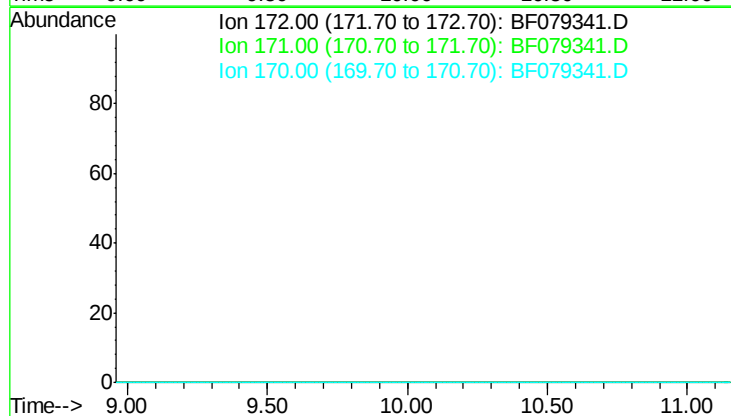
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

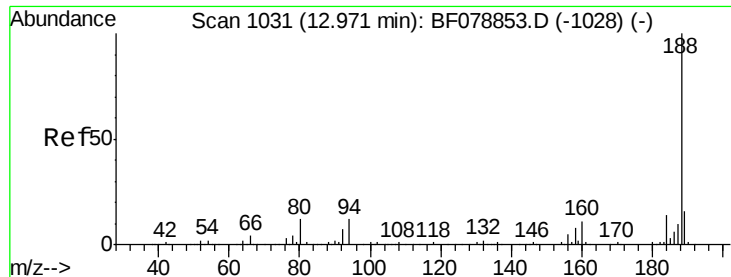
Tot Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.1  
 141 34.8



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 10.06 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 35.4  
 170 24.3

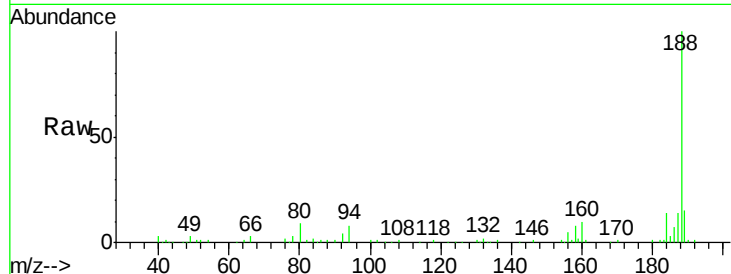




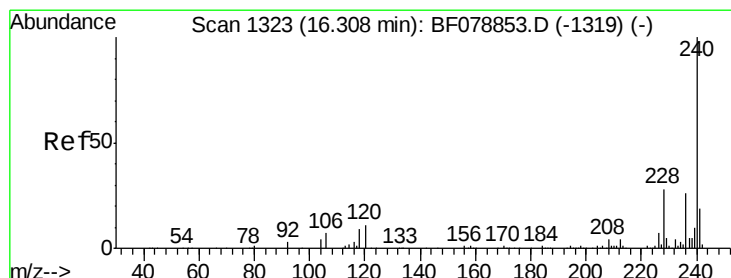
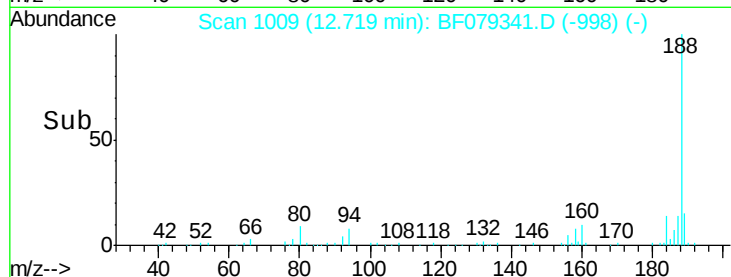
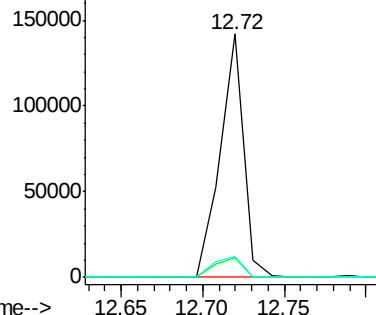
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.72 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BF079341.D  
Acq: 19 May 2015 13:30

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

Tot Ion:188 Resp: 141614  
Ion Ratio Lower Upper  
188 100  
94 8.2 9.4 14.0#  
80 8.8 9.8 14.6#

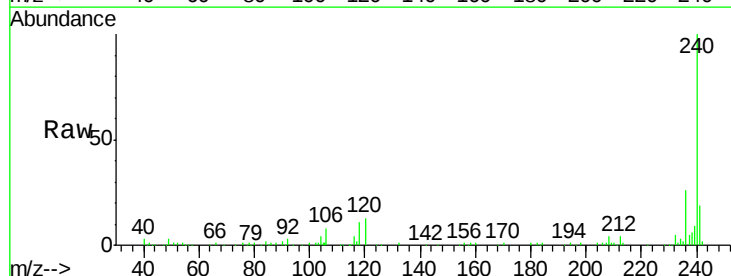


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

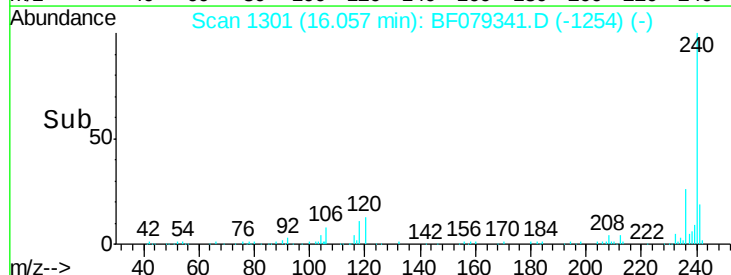
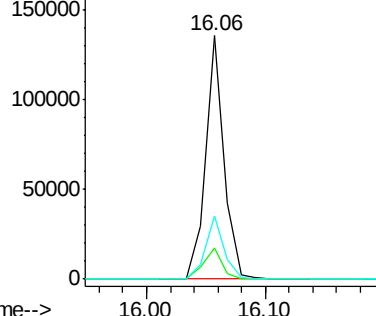


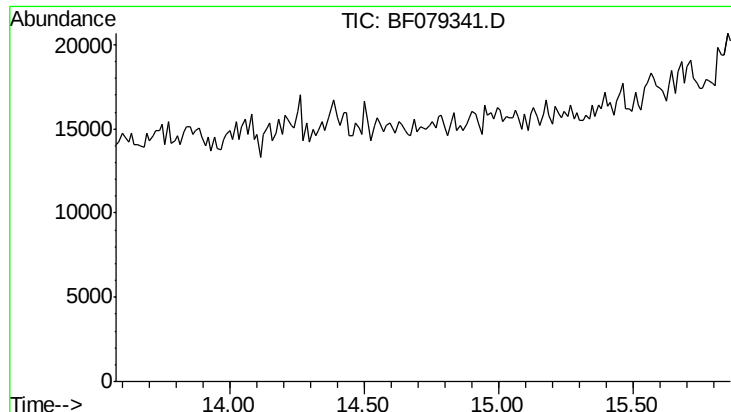
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.06 min Scan# 1301  
Delta R.T. 0.03 min  
Lab File: BF079341.D  
Acq: 19 May 2015 13:30

Tgt Ion:240 Resp: 145299  
Ion Ratio Lower Upper  
240 100  
120 12.6 8.6 12.8  
236 25.8 21.0 31.6



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



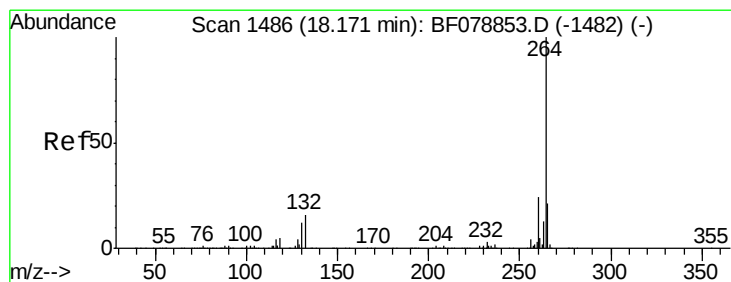
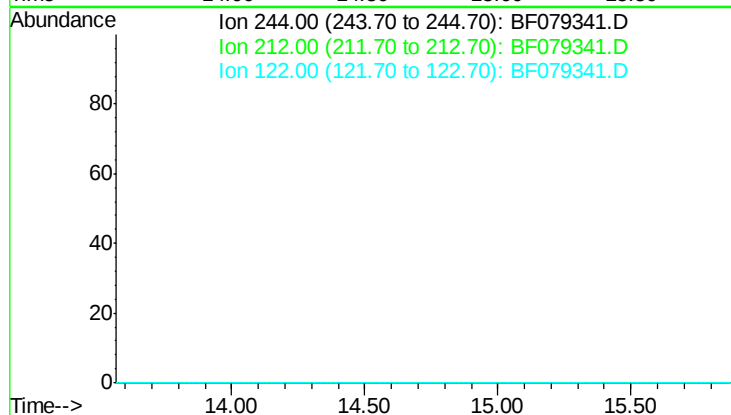


#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 14.72 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

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

Tot Ion: 244  

| Sig | Exp Ratio |
|-----|-----------|
| 244 | 100       |
| 212 | 7.0       |
| 122 | 13.1      |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.94 min Scan# 1466  
 Delta R.T. 0.13 min  
 Lab File: BF079341.D  
 Acq: 19 May 2015 13:30

Tgt Ion: 264 Resp: 159167  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.2  | 28.8  |
| 265 | 21.8  | 17.2  | 25.8  |

