

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080906\  
 Data File : BF089688.D  
 Acq On : 9 Aug 2016 14:56  
 Operator : UM/SJ  
 Sample : DFTPP  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 09 17:45:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 0.00 | 152  | 0        | 0.00 | ng    | -7.45    |
| 21) Naphthalene-d8          | 0.00 | 136  | 0        | 0.00 | ng    | -9.47    |
| 38) Acenaphthene-d10        | 0.00 | 164  | 0        | 0.00 | ng    | -12.30   |
| 63) Phenanthrene-d10        | 0.00 | 188  | 0        | 0.00 | ng    | -14.70   |
| 75) Chrysene-d12            | 0.00 | 240  | 0        | 0.00 | ng    | -18.39   |
| 86) Perylene-d12            | 0.00 | 264  | 0        | 0.00 | ng    | -20.05   |
| 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    |          |

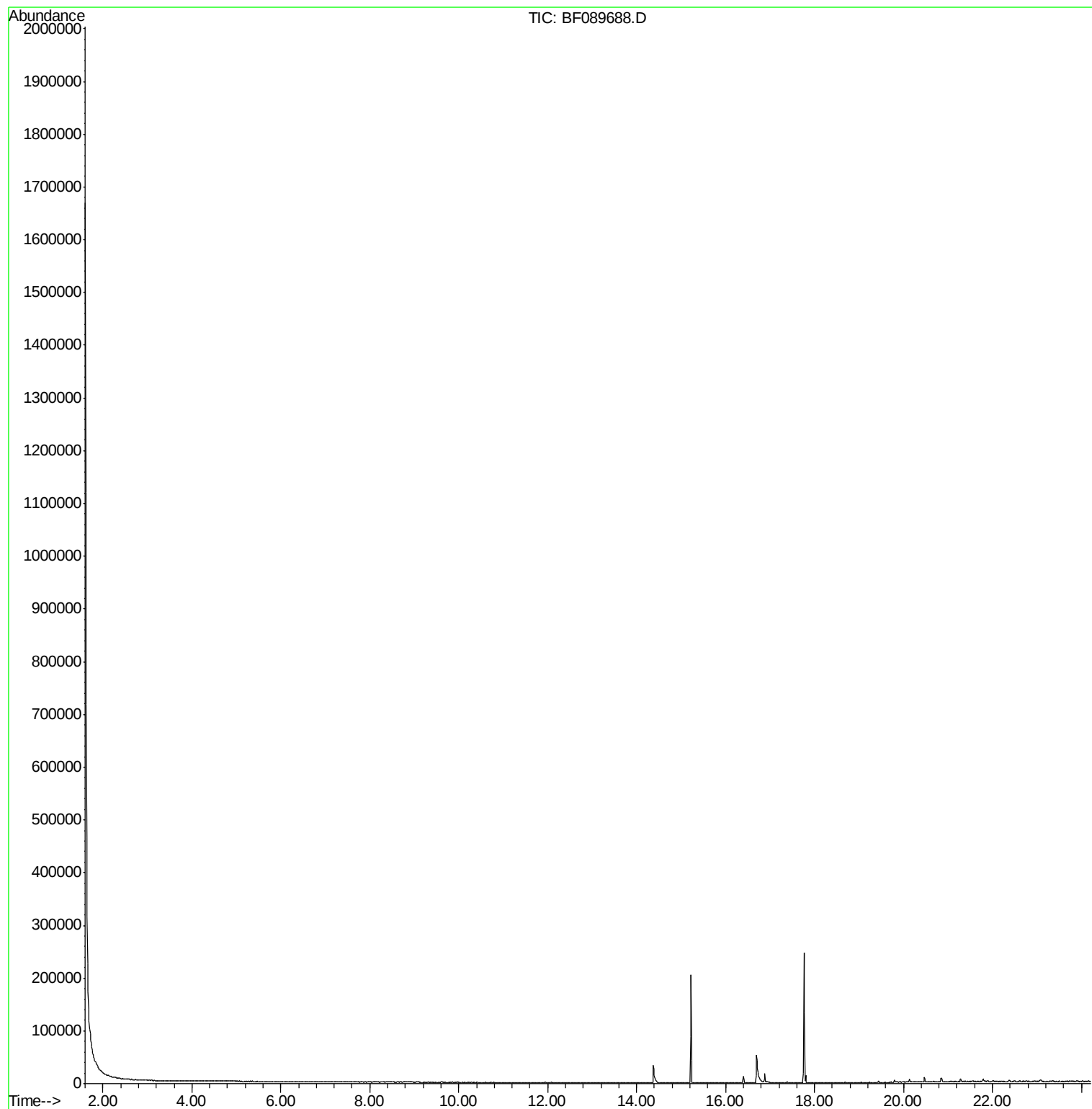
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

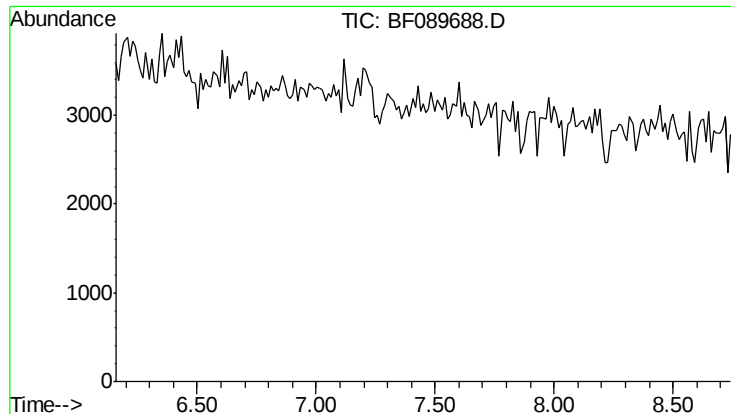
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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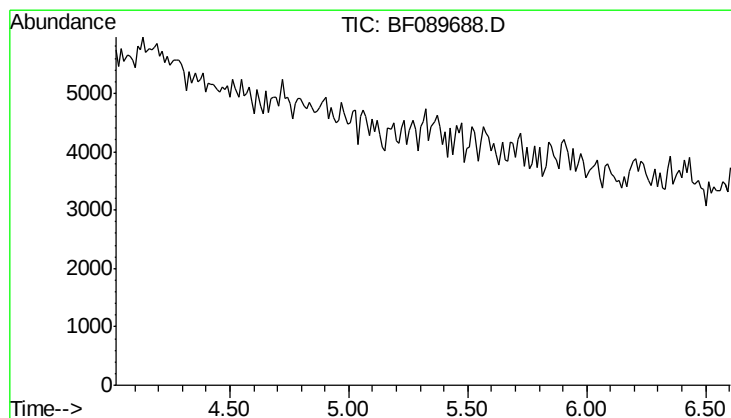
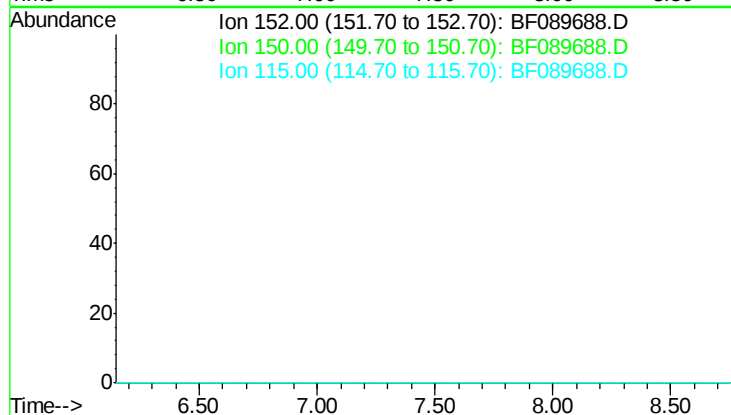




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.00 ng  
 Expected RT: 7.45 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

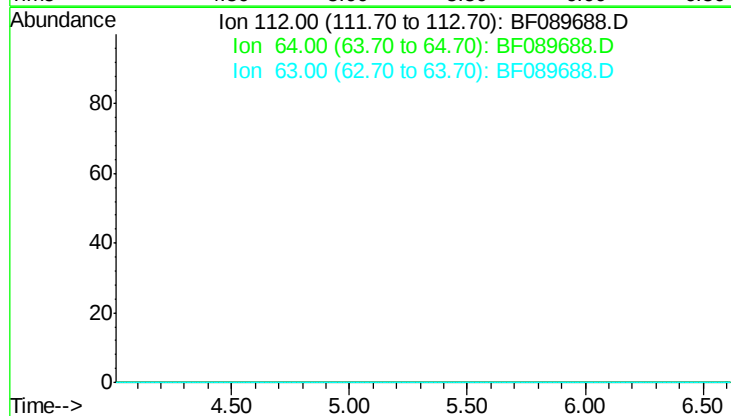
Instrument :  
 BNA\_F  
 ClientSampleId :

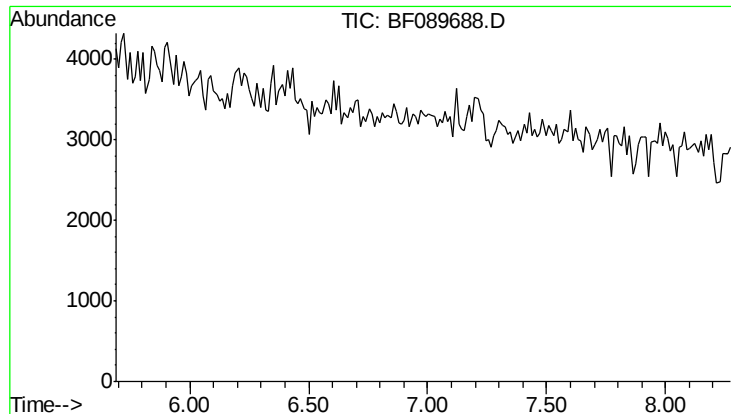
Tgt Ion: 152  
 Sig Exp Ratio  
 152 100  
 150 156.9  
 115 65.0



#5  
 2-Fluorophenol  
 Concen: 0.00 ng  
 Expected RT: 5.31 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

Tgt Ion: 112  
 Sig Exp Ratio  
 112 100  
 64 62.4  
 63 32.6





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.98 min

Lab File: BF089688.D

Acq: 9 Aug 2016 14:56

Instrument :

BNA\_F

ClientSampleId :

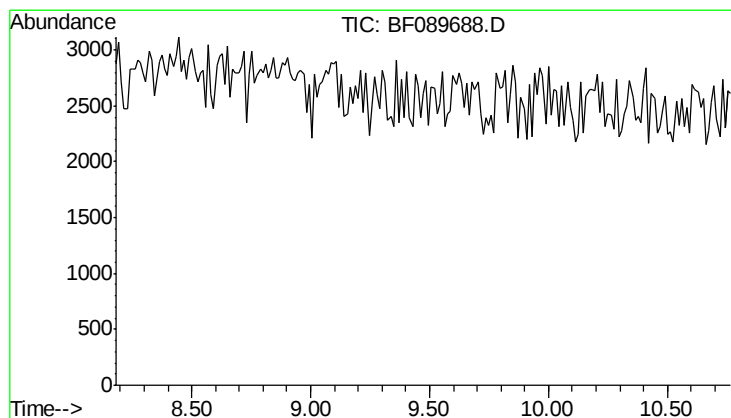
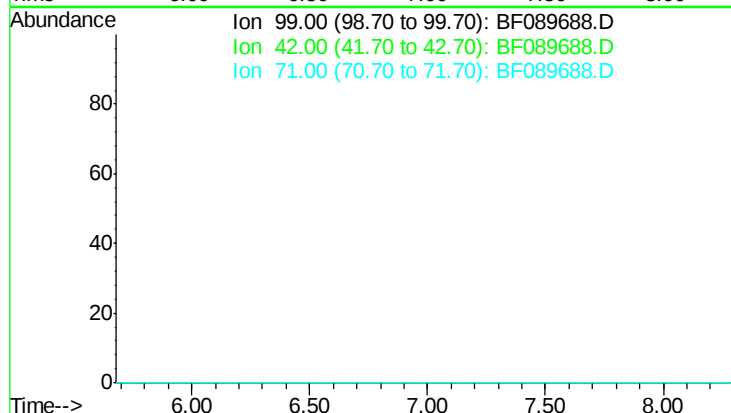
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 36.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 9.47 min

Lab File: BF089688.D

Acq: 9 Aug 2016 14:56

Tgt Ion: 136

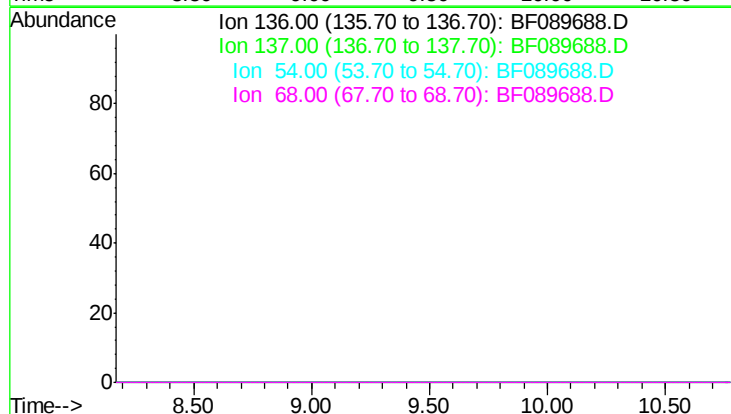
Sig Exp Ratio

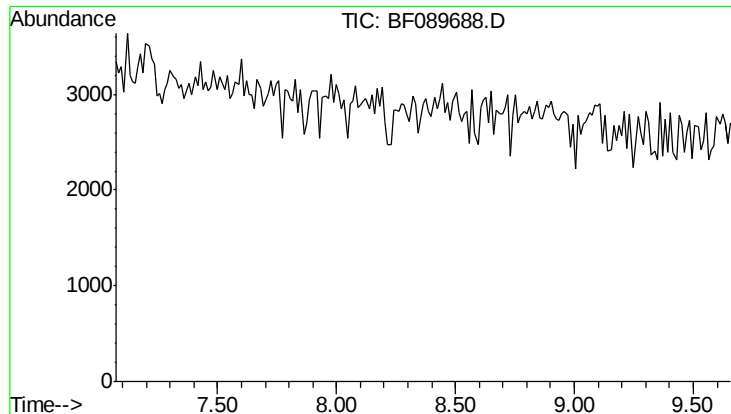
136 100

137 10.7

54 7.5

68 5.7

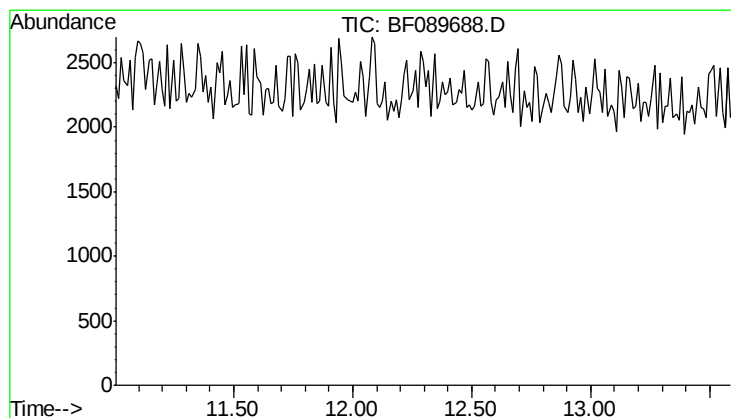
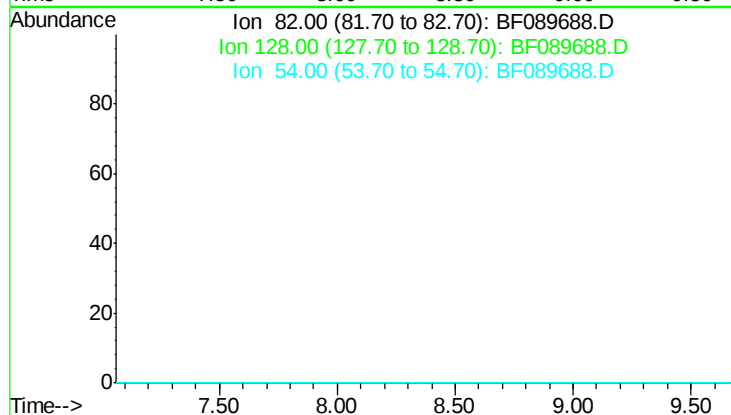




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 8.36 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

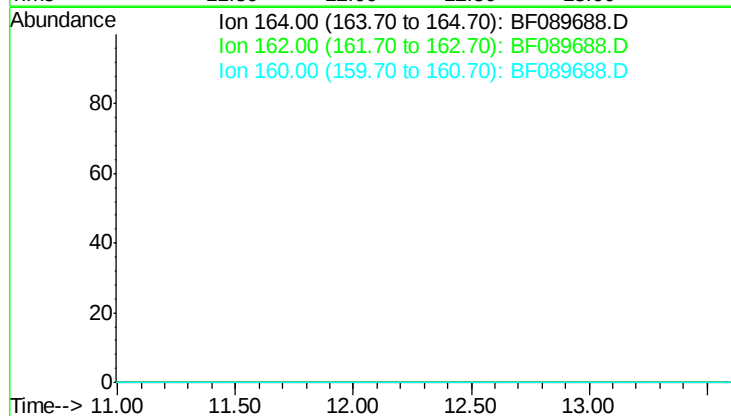
Instrument :  
 BNA\_F  
 ClientSampleId :

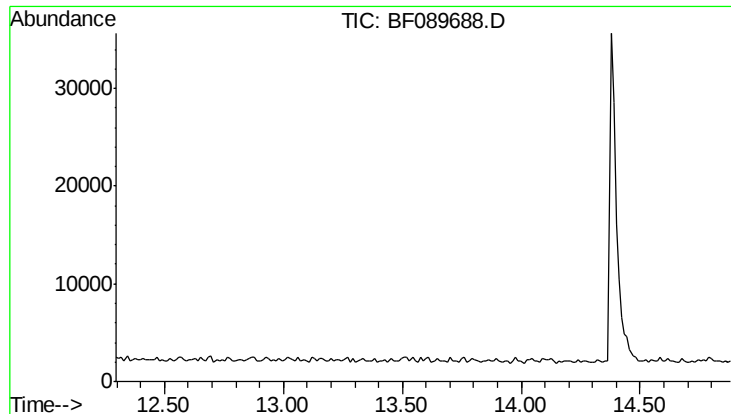
| Tgt Ion | Exp Ratio |
|---------|-----------|
| 82      | 100       |
| 128     | 44.2      |
| 54      | 45.5      |



#38  
 Acenaphthene-d10  
 Concen: 0.00 ng  
 Expected RT: 12.30 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 164     | 100       |
| 162     | 107.1     |
| 160     | 47.8      |

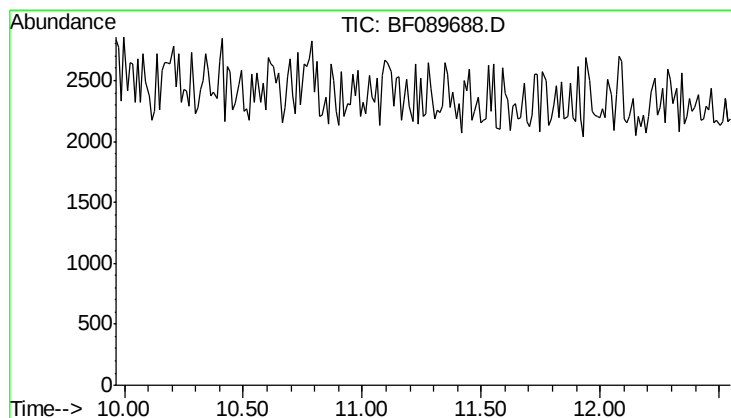
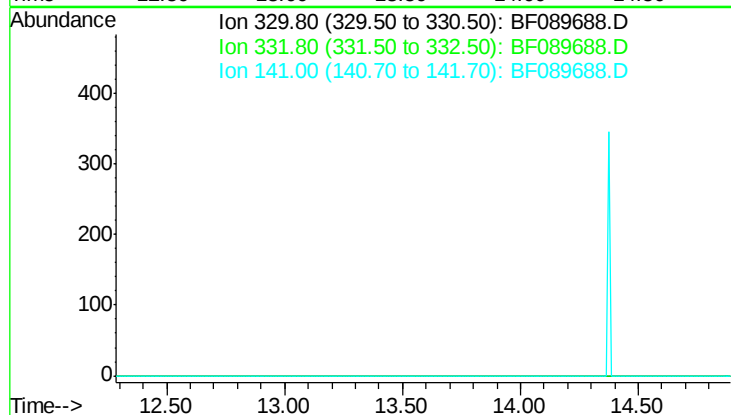




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 13.59 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

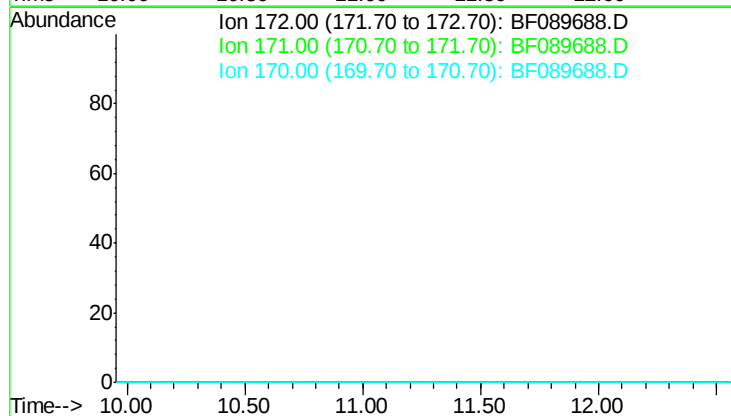
Instrument :  
 BNA\_F  
 ClientSampleId :

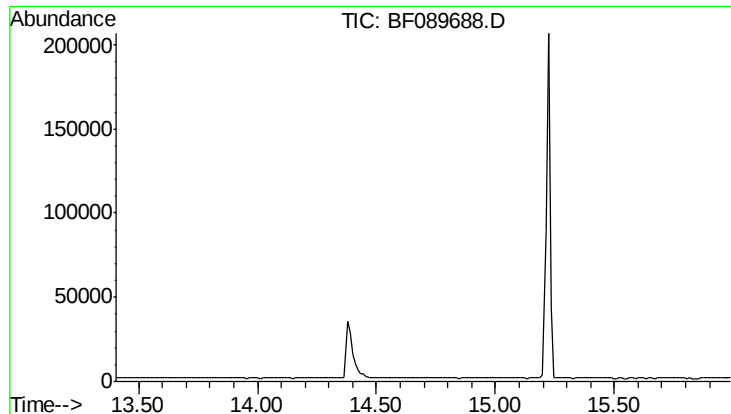
Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.3  
 141 48.2



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 11.26 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 36.1  
 170 23.8



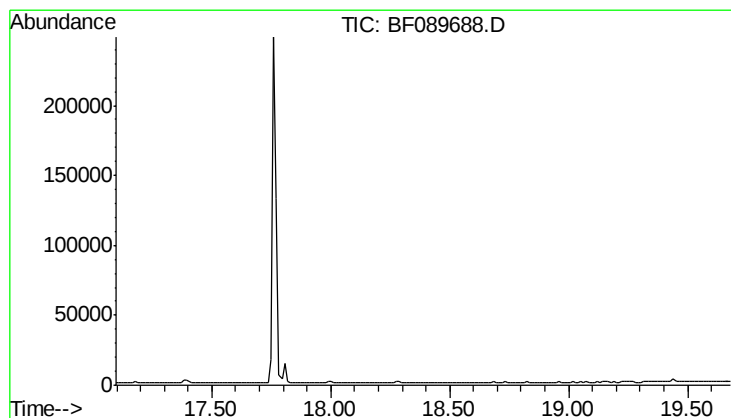
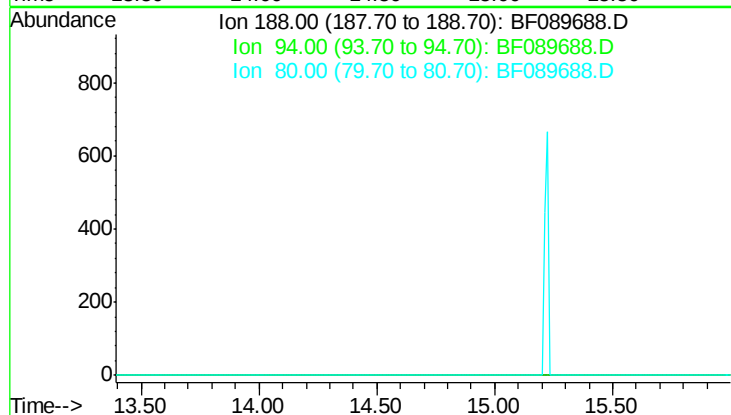


#63  
 Phenanthrene-d10  
 Concen: 0.00 ng  
 Expected RT: 14.70 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion: 188  

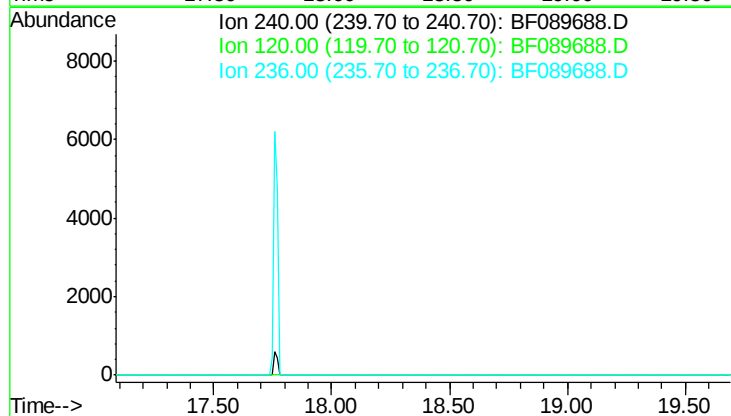
| Sig | Exp Ratio |
|-----|-----------|
| 188 | 100       |
| 94  | 8.1       |
| 80  | 10.0      |

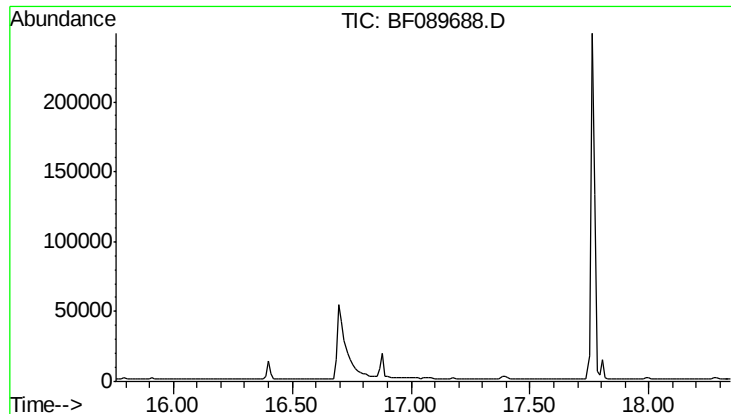


#75  
 Chrysene-d12  
 Concen: 0.00 ng  
 Expected RT: 18.39 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

Tgt Ion: 240  

| Sig | Exp Ratio |
|-----|-----------|
| 240 | 100       |
| 120 | 13.2      |
| 236 | 25.7      |

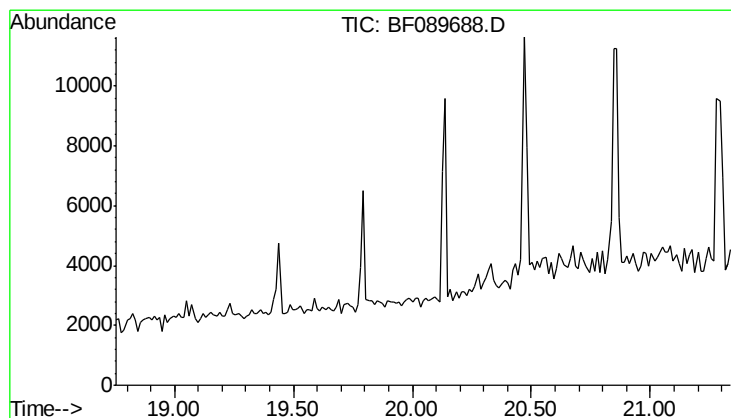
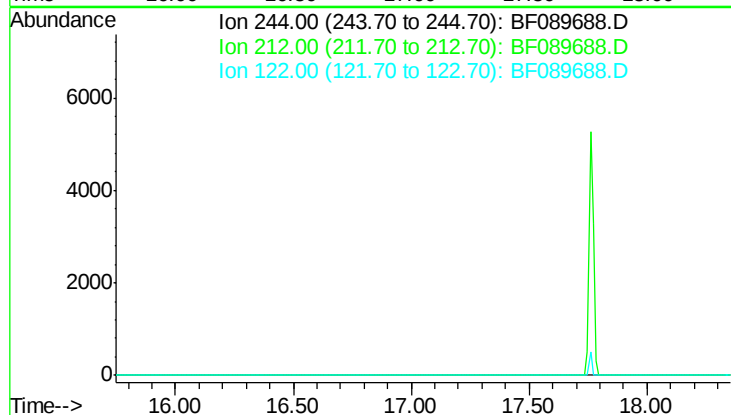




#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 17.05 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion: 244  
 Sig Exp Ratio  
 244 100  
 212 8.0  
 122 15.2



#86  
 Perylene-d12  
 Concen: 0.00 ng  
 Expected RT: 20.05 min  
 Lab File: BF089688.D  
 Acq: 9 Aug 2016 14:56

Tgt Ion: 264  
 Sig Exp Ratio  
 264 100  
 260 23.4  
 265 20.6

