

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\  
 Data File : BF094068.D  
 Acq On : 30 Mar 2017 19:59  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 31 01:51:22 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 27 16:10:49 2017  
 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    | -5.95    |
| 21) Naphthalene-d8          | 0.00  | 136  | 0        | 0.00 | ng    | -7.46    |
| 38) Acenaphthene-d10        | 0.00  | 164  | 0        | 0.00 | ng    | -9.60    |
| 63) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00 | ng    | -11.42   |
| 75) Chrysene-d12            | 0.00  | 240  | 0        | 0.00 | ng    | -14.68   |
| 86) Perylene-d12            | 0.00  | 264  | 0        | 0.00 | ng    | -16.31   |
| 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           | 13.36 | 244  | 394      | 0.00 | ng    | -0.05    |

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

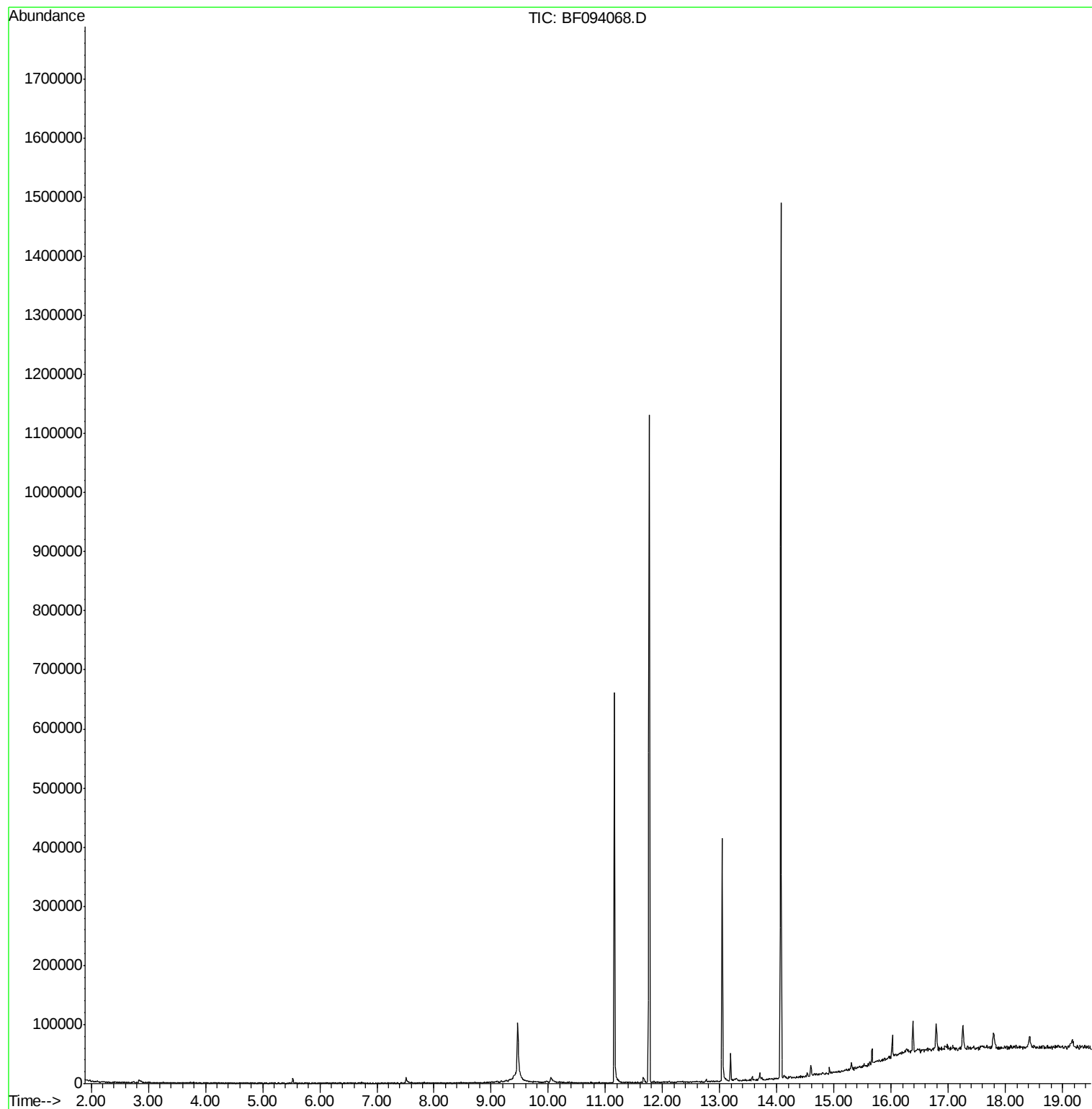
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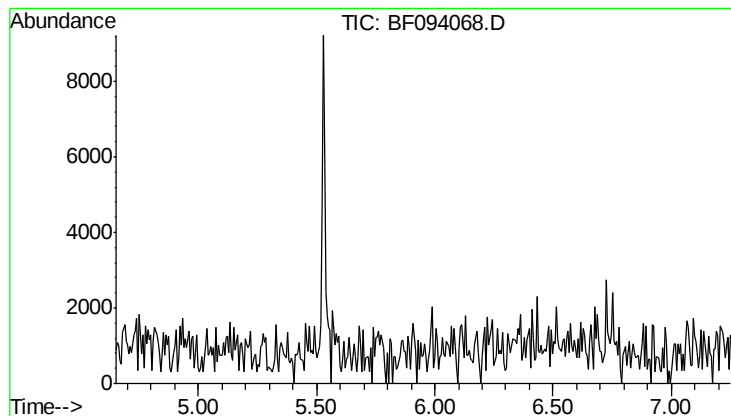
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 5.95 min

Lab File: BF094068.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

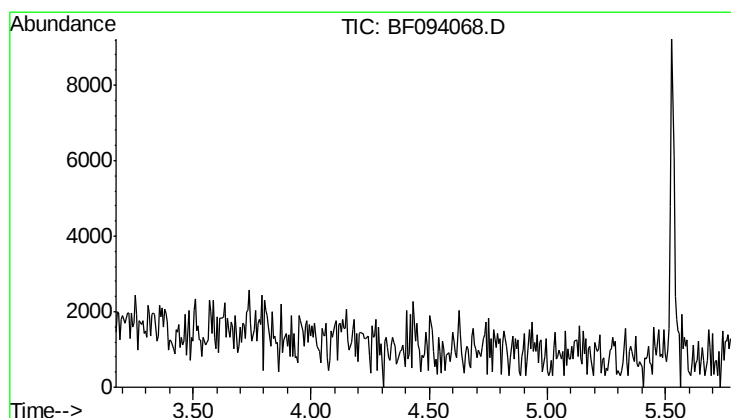
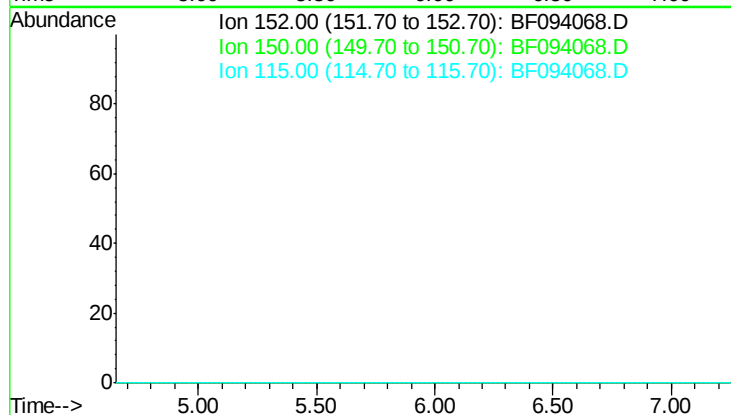
Tot Ion: 152

Sig Exp Ratio

152 100

150 157.7

115 65.2



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 4.47 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

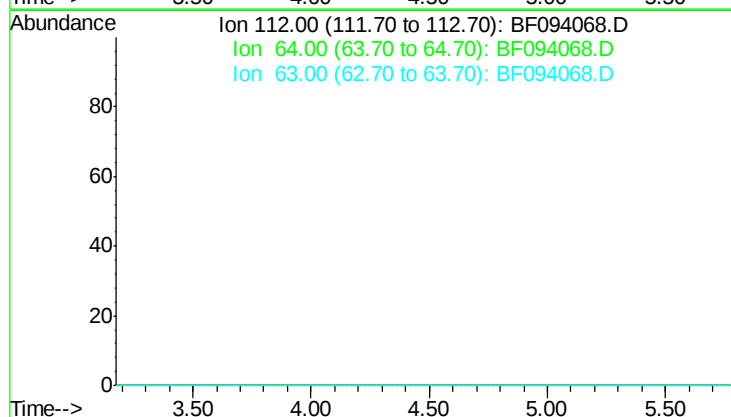
Tgt Ion: 112

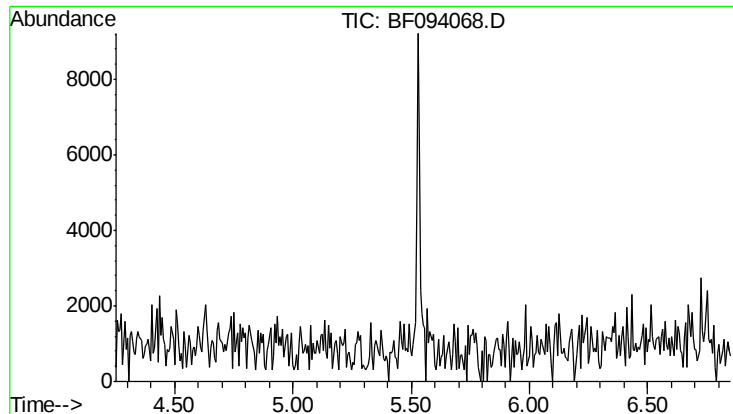
Sig Exp Ratio

112 100

64 57.5

63 29.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 5.55 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

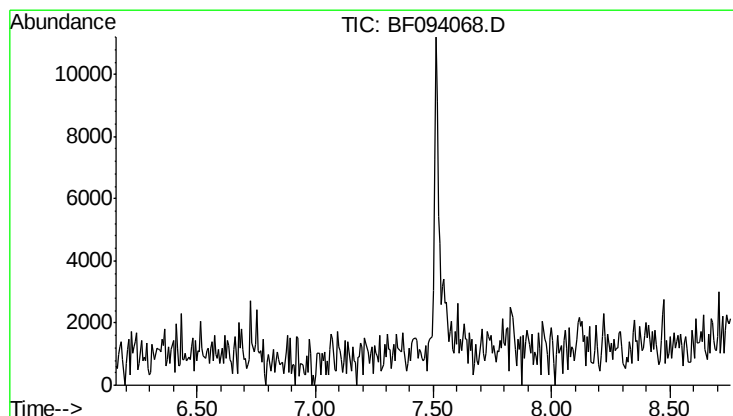
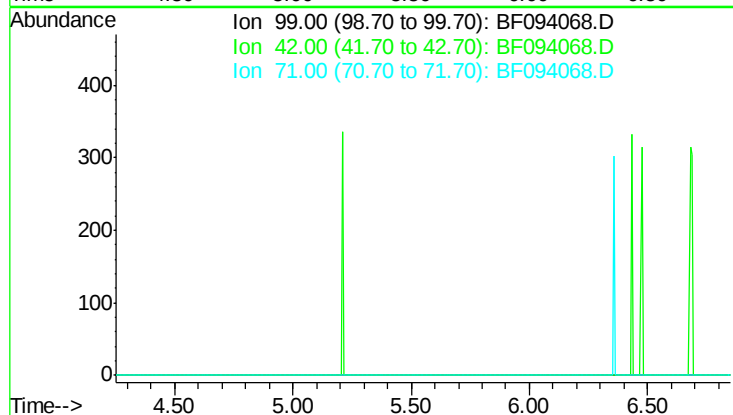
Tot Ion: 99

Sig Exp Ratio

99 100

42 16.9

71 30.6



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 7.46 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

Tgt Ion: 136

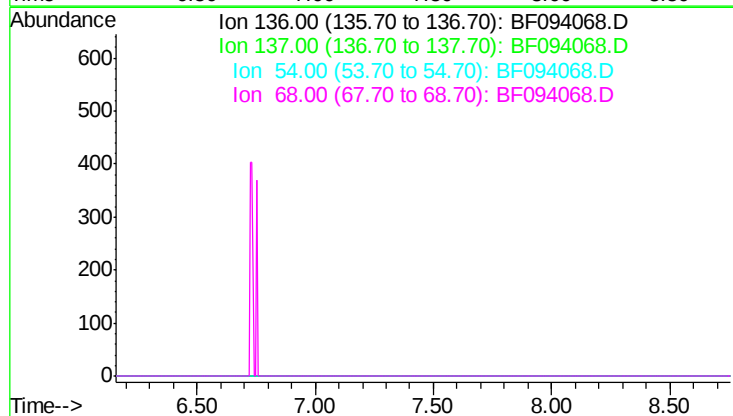
Sig Exp Ratio

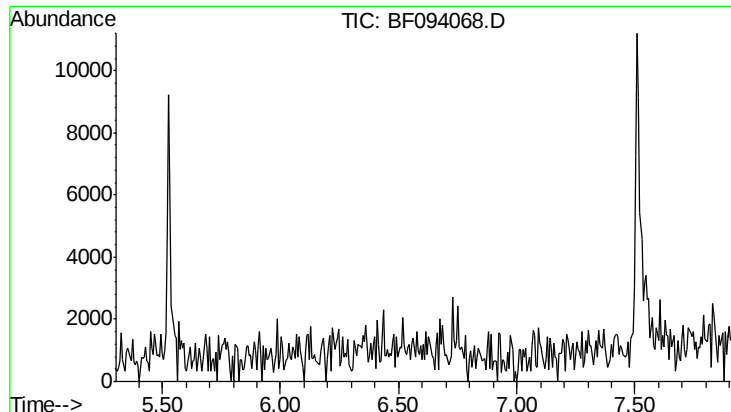
136 100

137 10.6

54 6.1

68 5.1

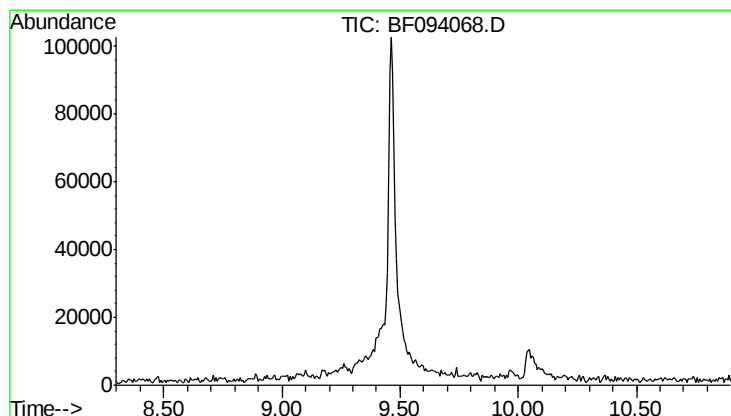
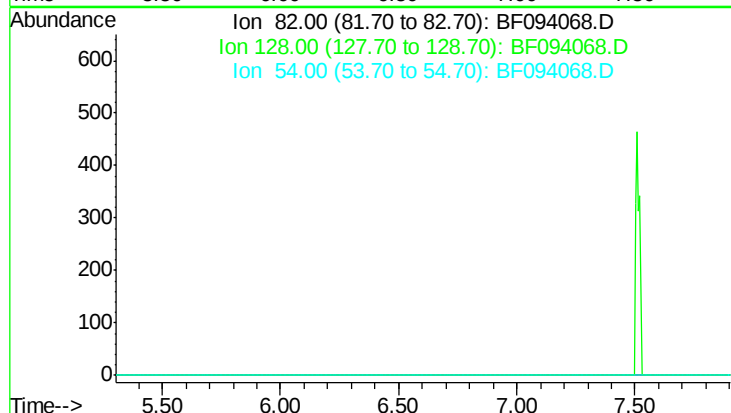




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 6.60 min  
 Lab File: BF094068.D  
 Acq: 30 Mar 2017 19:59

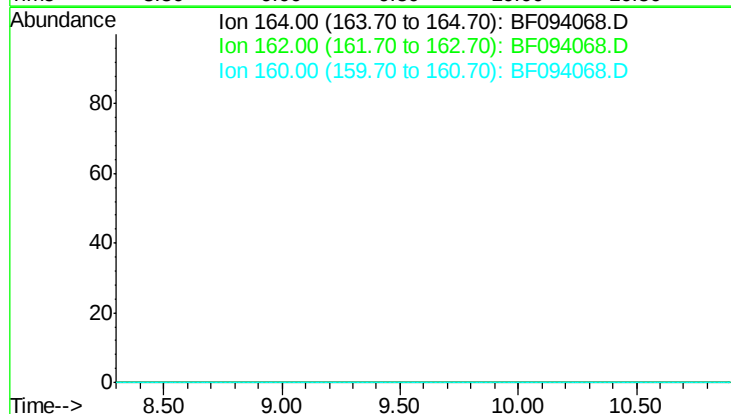
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

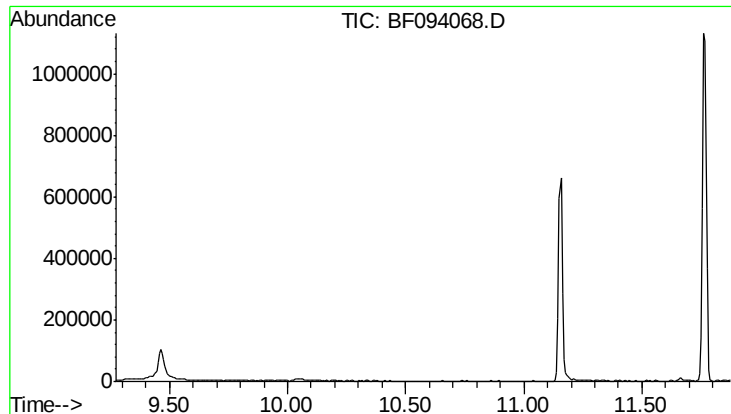
Tot Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 42.5  
 54 52.7



#38  
 Acenaphthene-d10  
 Concen: 0.00 ng  
 Expected RT: 9.60 min  
 Lab File: BF094068.D  
 Acq: 30 Mar 2017 19:59

Tgt Ion: 164  
 Sig Exp Ratio  
 164 100  
 162 103.2  
 160 45.2





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.57 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

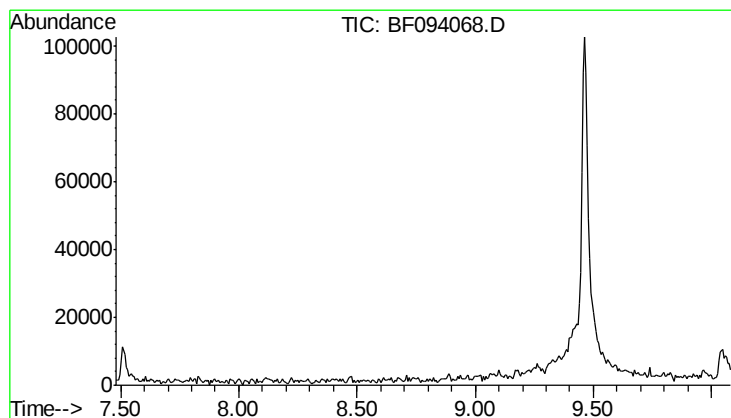
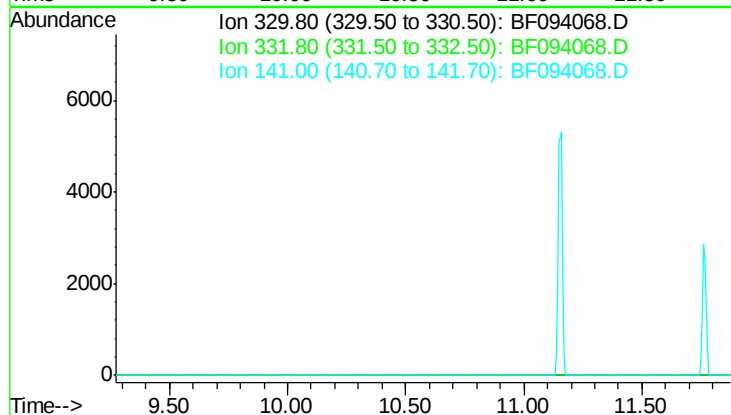
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 8.78 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

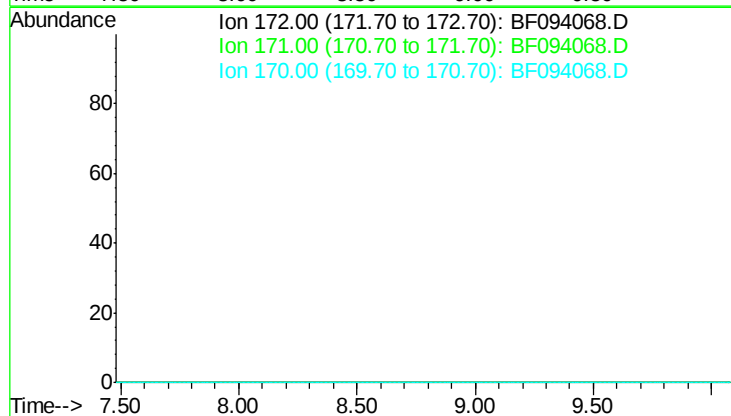
Tgt Ion: 172

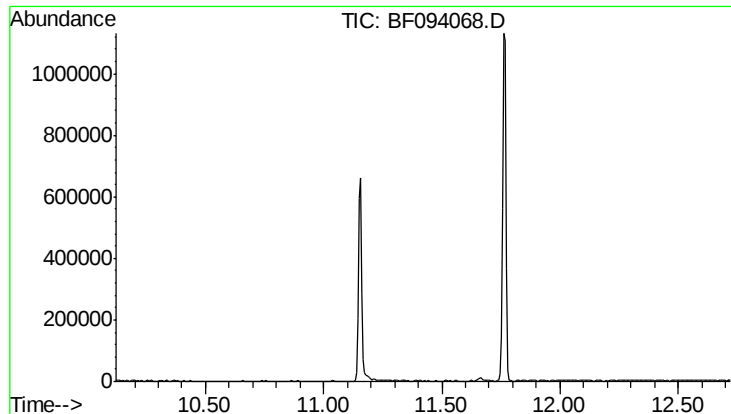
Sig Exp Ratio

172 100

171 37.0

170 24.8

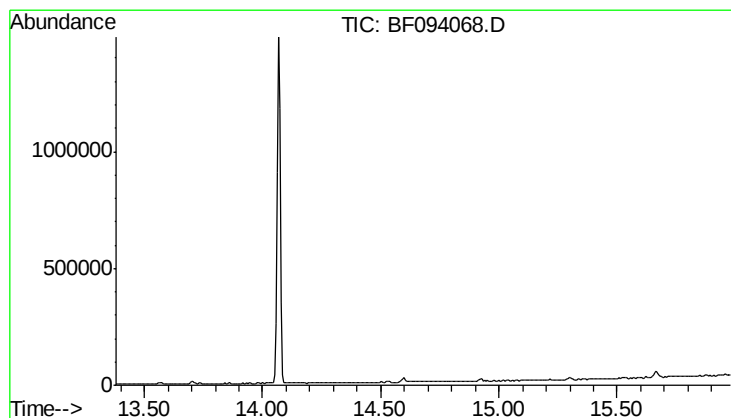
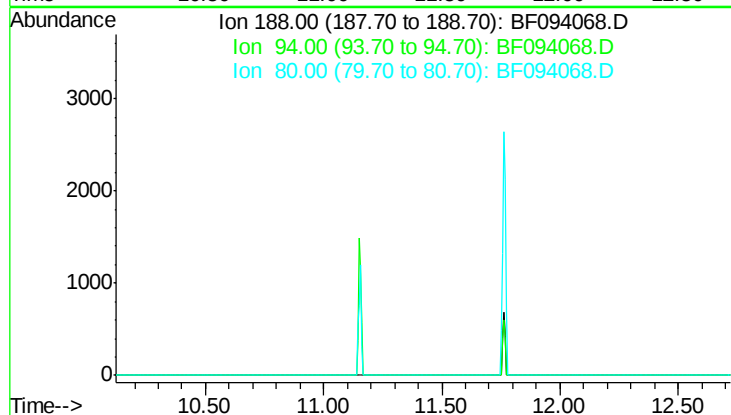




#63  
 Phenanthrene-d10  
 Concen: 0.00 ng  
 Expected RT: 11.42 min  
 Lab File: BF094068.D  
 Acq: 30 Mar 2017 19:59

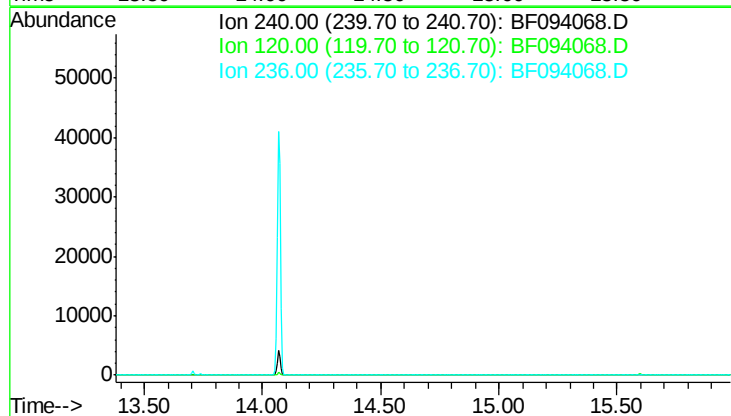
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

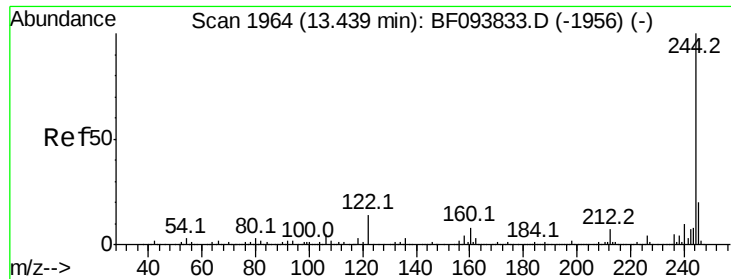
| Tot Ion   | 188 | 94   | 80   |
|-----------|-----|------|------|
| Sig       | 100 | 11.8 | 12.7 |
| Exp Ratio |     |      |      |



#75  
 Chrysene-d12  
 Concen: 0.00 ng  
 Expected RT: 14.68 min  
 Lab File: BF094068.D  
 Acq: 30 Mar 2017 19:59

| Tgt Ion   | 240 | 120 | 236  |
|-----------|-----|-----|------|
| Sig       | 100 | 7.3 | 25.6 |
| Exp Ratio |     |     |      |





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.36 min Scan# 1950

Delta R.T. -0.05 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

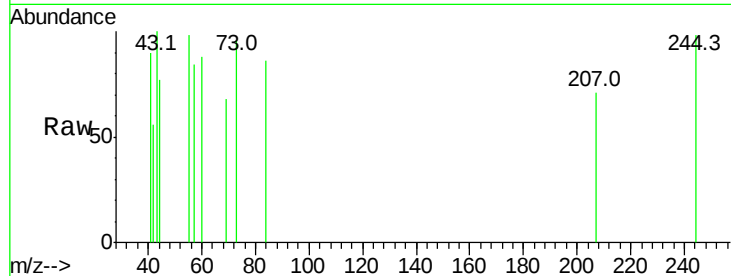
Tot Ion: 244 Resp: 394

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

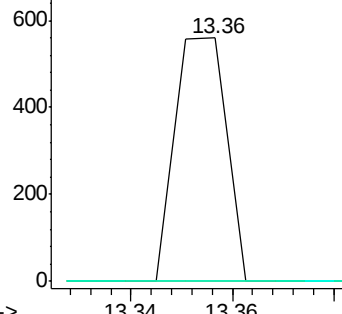
122 0.0 10.3 15.5#



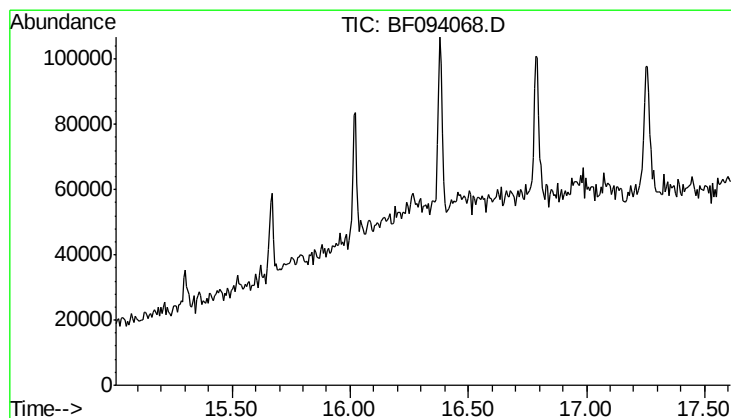
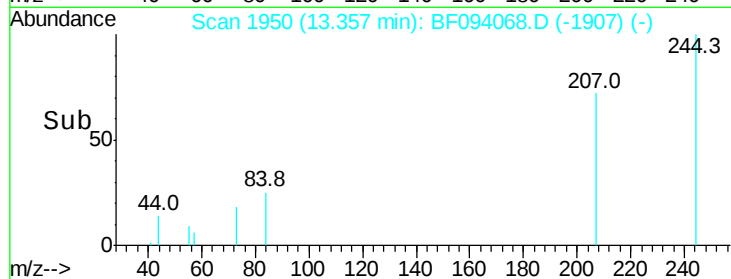
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 16.31 min

Lab File: BF094068.D

Acq: 30 Mar 2017 19:59

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.4

265 21.5

