

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041515\  
 Data File : BF078551.D  
 Acq On : 15 Apr 2015 22:47  
 Operator : TP/IZ  
 Sample : G1787-12RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD05CRE

Quant Time: Apr 16 09:04:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 16 01:04:57 2015  
 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    | -6.81    |
| 21) Naphthalene-d8        | 0.00  | 136  | 0        | 0.00  | ng    | -8.39    |
| 38) Acenaphthene-d10      | 0.00  | 164  | 0        | 0.00  | ng    | -10.55   |
| 63) Phenanthrene-d10      | 0.00  | 188  | 0        | 0.00  | ng    | -12.37   |
| 75) Chrysene-d12          | 0.00  | 240  | 0        | 0.00  | ng    | -15.63   |
| 86) Perylene-d12          | 17.26 | 264  | 119038   | 20.00 | ng    | -0.07    |

| 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    |

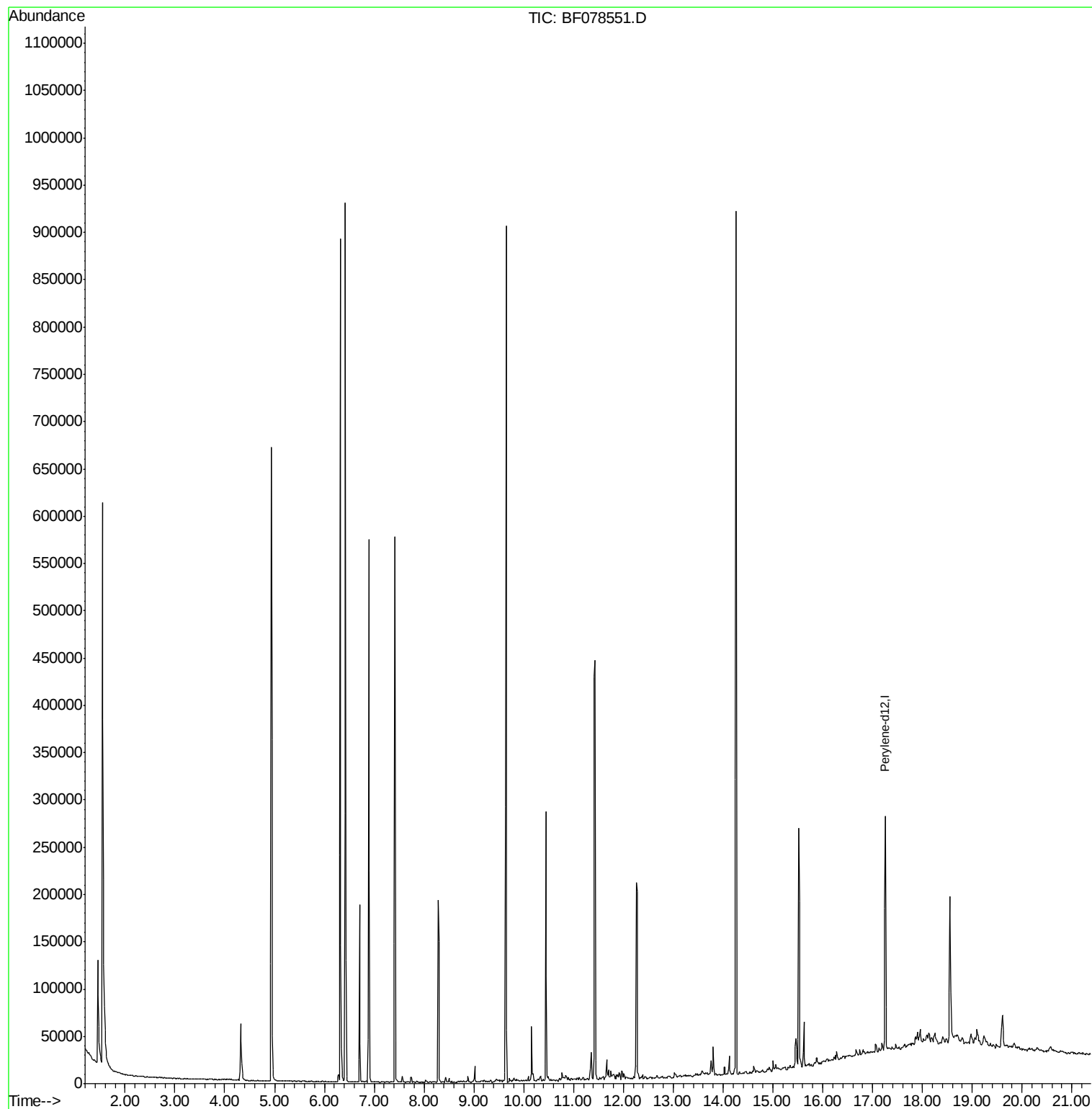
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

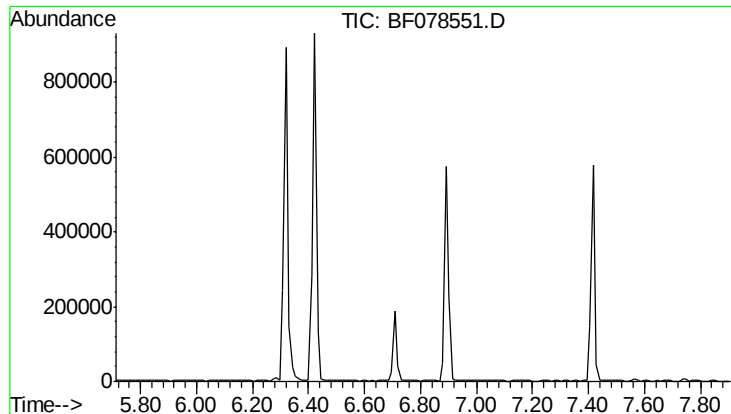
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.81 min

Lab File: BF078551.D

Acq: 15 Apr 2015 22:47

Instrument :

BNA\_F

ClientSampleId :

LS-SD05CRE

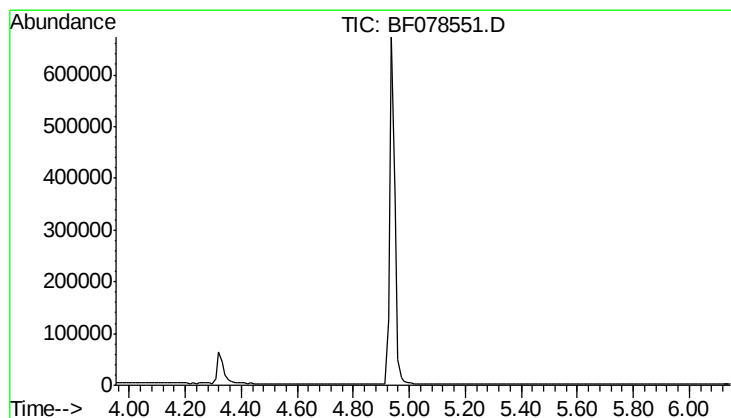
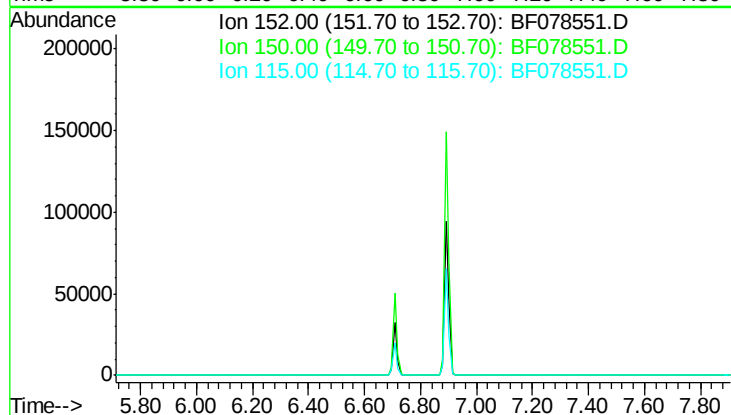
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.4

115 65.9



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.05 min

Lab File: BF078551.D

Acq: 15 Apr 2015 22:47

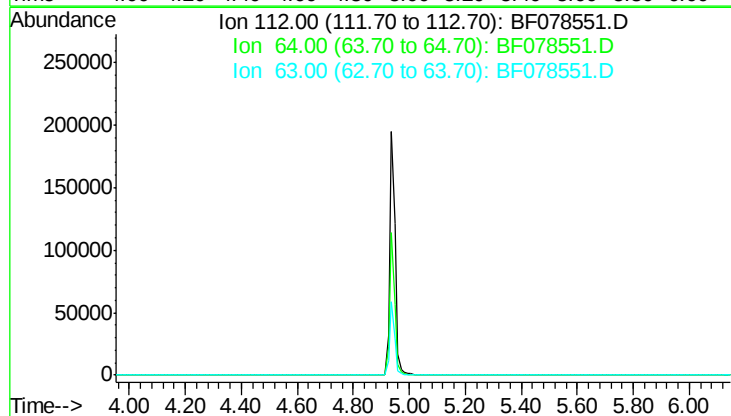
Tgt Ion: 112

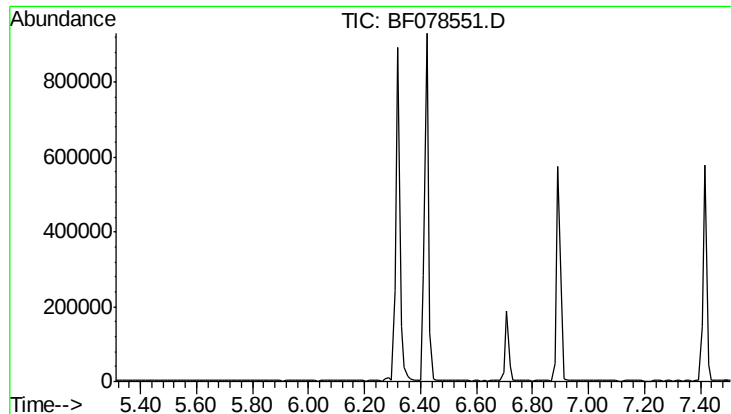
Sig Exp Ratio

112 100

64 49.9

63 25.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.41 min

Lab File: BF078551.D

Acq: 15 Apr 2015 22:47

Instrument :

BNA\_F

ClientSampleId :

LS-SD05CRE

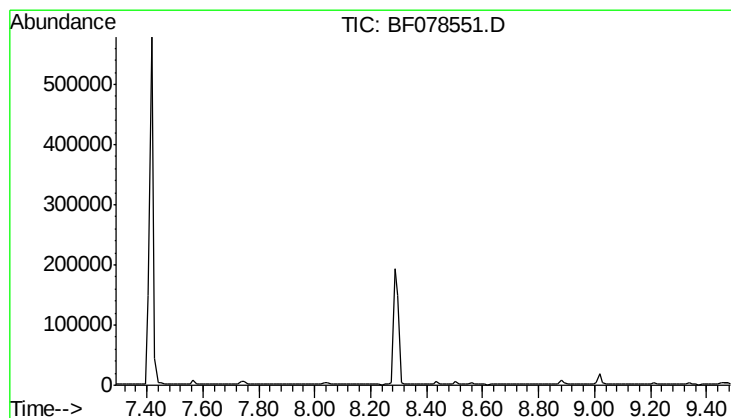
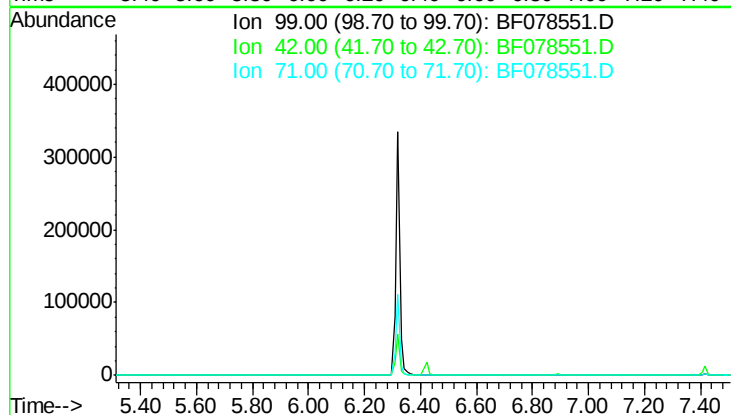
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.5

71 33.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.39 min

Lab File: BF078551.D

Acq: 15 Apr 2015 22:47

Tgt Ion: 136

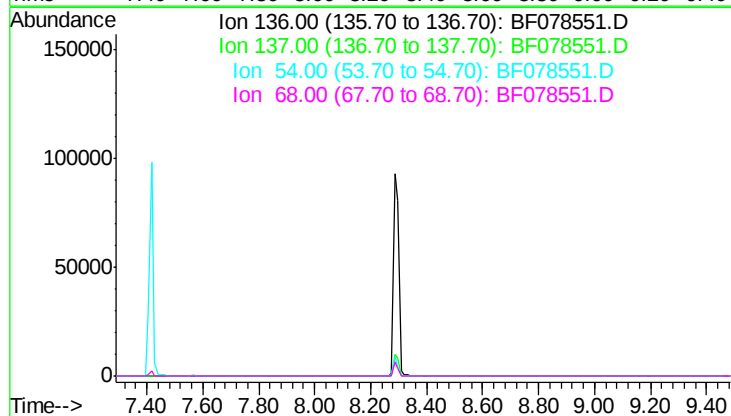
Sig Exp Ratio

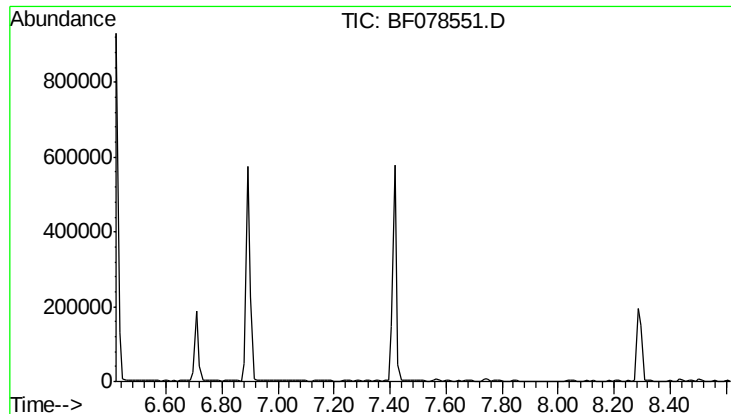
136 100

137 11.2

54 8.8

68 6.8

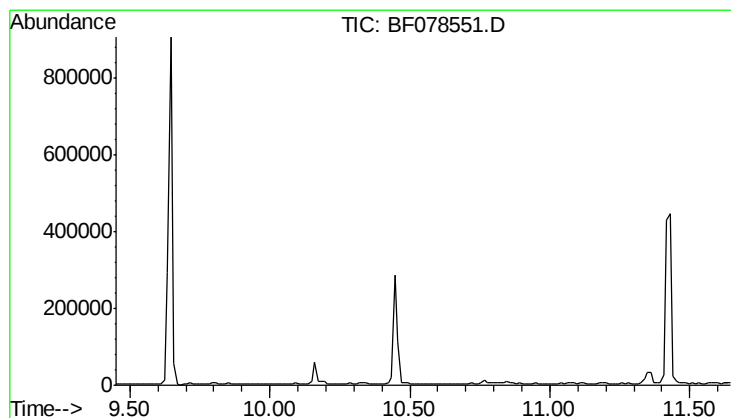
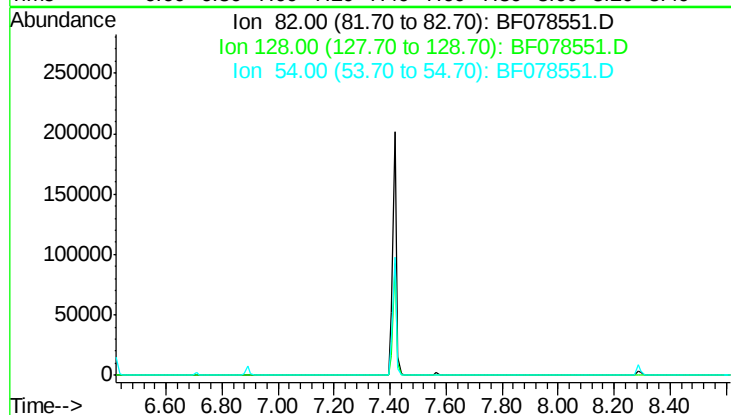




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.52 min  
 Lab File: BF078551.D  
 Acq: 15 Apr 2015 22:47

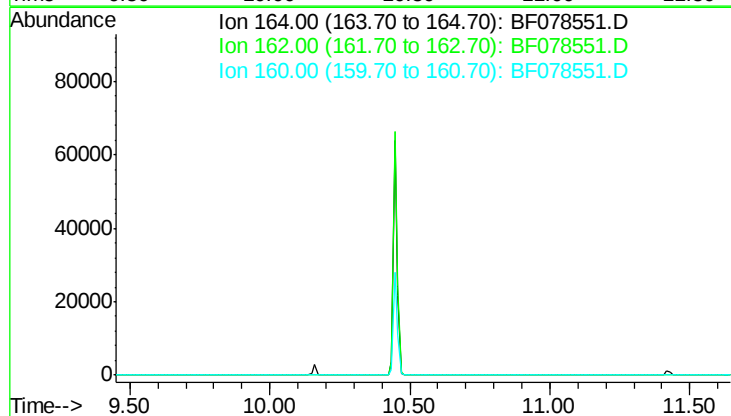
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD05CRE

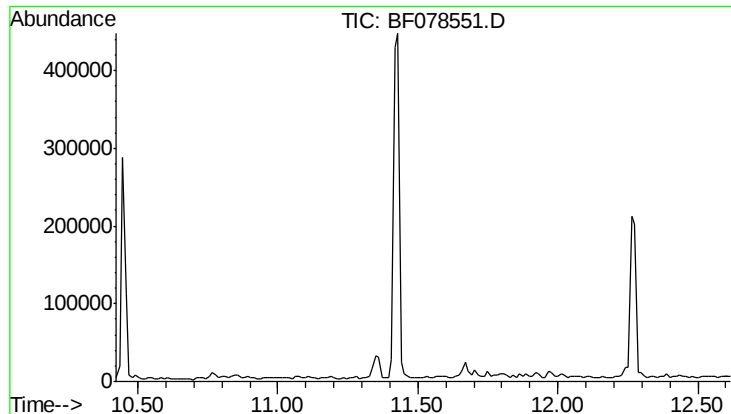
| Tgt Ion | Exp Ratio |
|---------|-----------|
| 82      | 100       |
| 128     | 39.8      |
| 54      | 51.9      |



#38  
 Acenaphthene-d10  
 Concen: 0.00 ng  
 Expected RT: 10.55 min  
 Lab File: BF078551.D  
 Acq: 15 Apr 2015 22:47

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 164     | 100       |
| 162     | 102.7     |
| 160     | 43.4      |

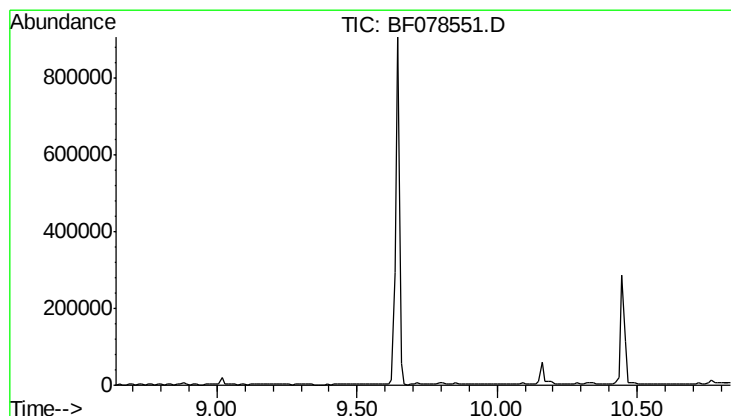
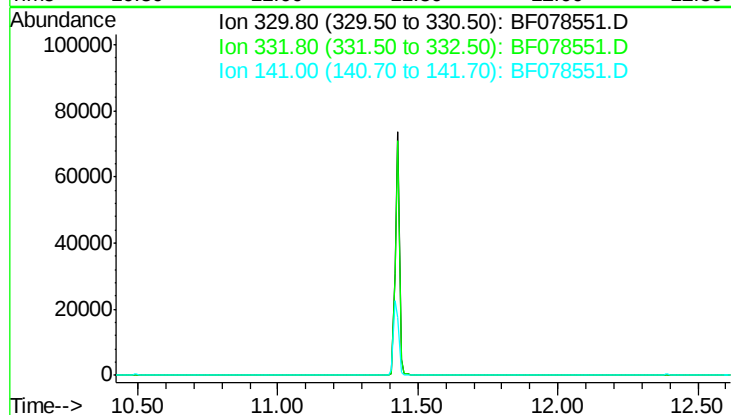




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 11.52 min  
 Lab File: BF078551.D  
 Acq: 15 Apr 2015 22:47

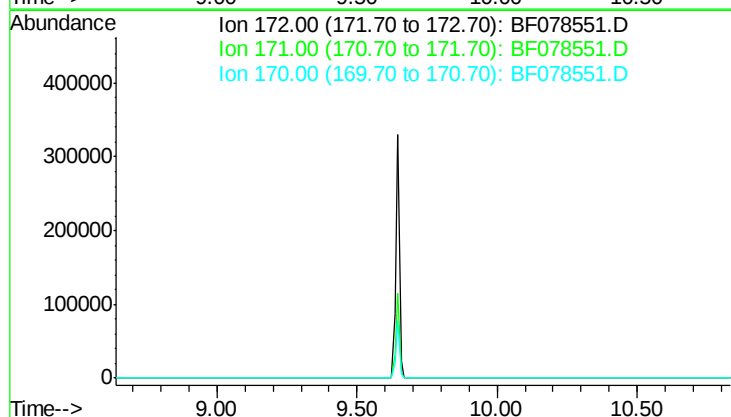
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD05CRE

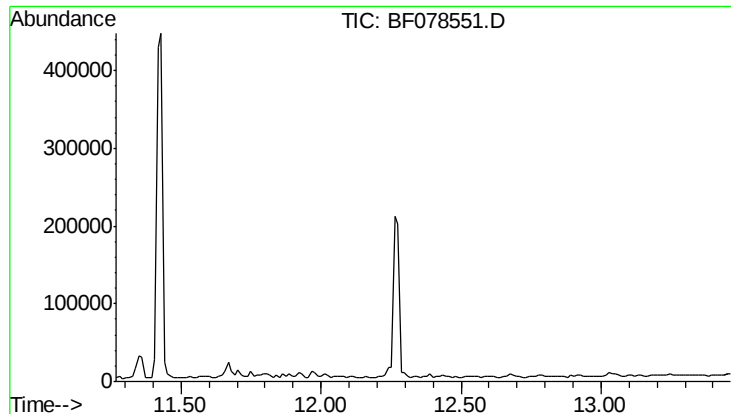
Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 98.2  
 141 39.0



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 9.74 min  
 Lab File: BF078551.D  
 Acq: 15 Apr 2015 22:47

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 35.7  
 170 23.1

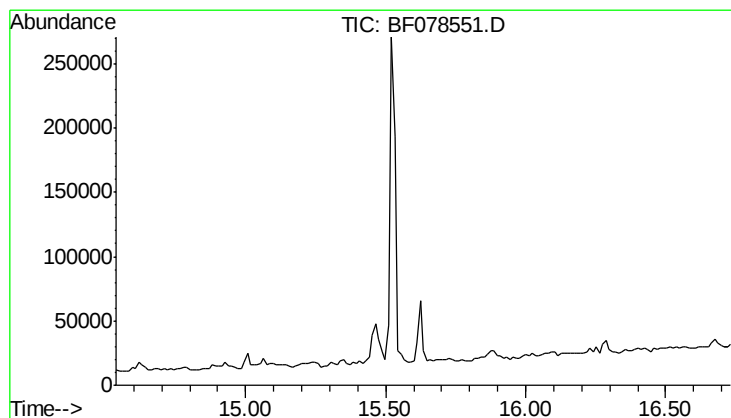
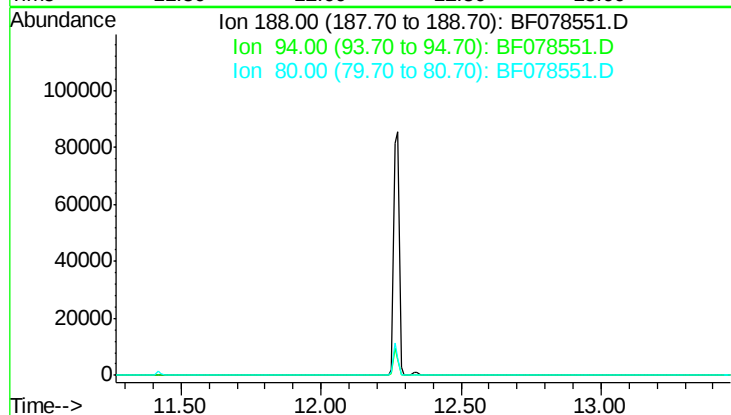




#63  
 Phenanthrene-d10  
 Concen: 0.00 ng  
 Expected RT: 12.37 min  
 Lab File: BF078551.D  
 Acq: 15 Apr 2015 22:47

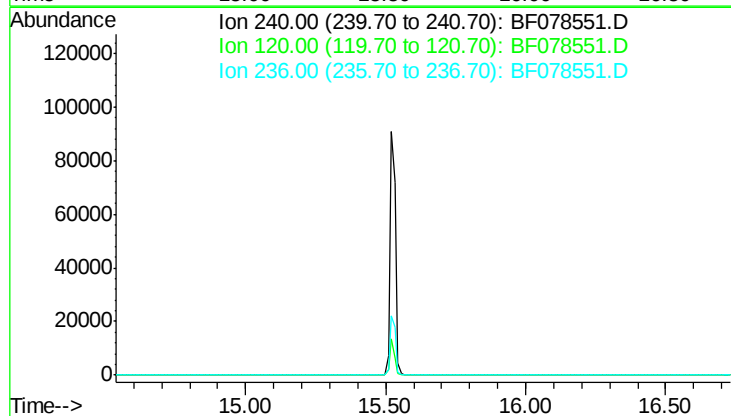
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD05CRE

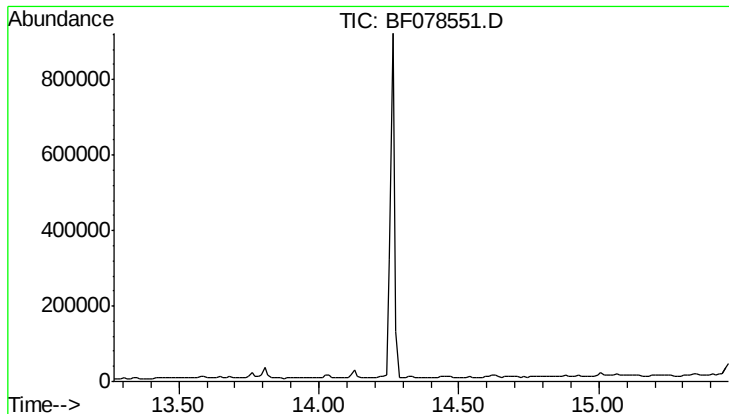
Tgt Ion: 188  
 Sig Exp Ratio  
 188 100  
 94 11.2  
 80 11.9



#75  
 Chrysene-d12  
 Concen: 0.00 ng  
 Expected RT: 15.63 min  
 Lab File: BF078551.D  
 Acq: 15 Apr 2015 22:47

Tgt Ion: 240  
 Sig Exp Ratio  
 240 100  
 120 8.9  
 236 26.8





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.37 min

Lab File: BF078551.D

Acq: 15 Apr 2015 22:47

Instrument :

BNA\_F

ClientSampleId :

LS-SD05CRE

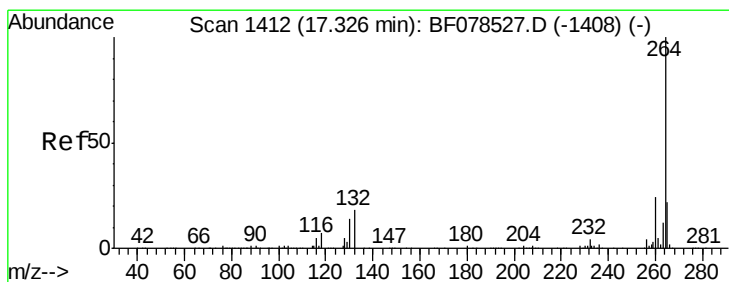
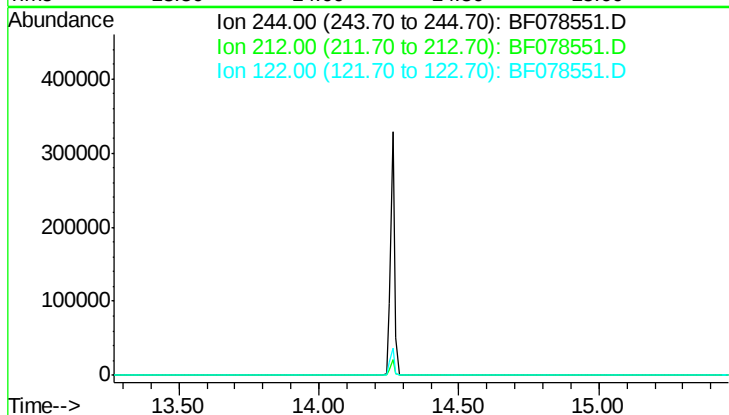
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.2

122 8.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.26 min Scan# 1406

Delta R.T. -0.07 min

Lab File: BF078551.D

Acq: 15 Apr 2015 22:47

Tgt Ion: 264 Resp: 119038

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 20.8 17.0 25.6

