

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\  
 Data File : BF111463.D  
 Acq On : 15 Dec 2018 12:45  
 Operator : JU/SJ  
 Sample : J6208-17 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

Quant Time: Dec 16 00:41:54 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 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    | -6.79    |
| 21) Naphthalene-d8          | 0.00  | 136  | 0        | 0.00 | ng    | -8.08    |
| 39) Acenaphthene-d10        | 0.00  | 164  | 0        | 0.00 | ng    | -9.83    |
| 64) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00 | ng    | -11.32   |
| 76) Chrysene-d12            | 0.00  | 240  | 0        | 0.00 | ng    | -13.95   |
| 87) Perylene-d12            | 0.00  | 264  | 0        | 0.00 | ng    | -15.39   |
| 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    |          |
| 42) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00 | ng    |          |
| 45) 2-Fluorobiphenyl        | 0.00  | 172  | 0        | 0.00 | ng    |          |
| 79) Terphenyl-d14           | 12.90 | 244  | 428      | 0.00 | ng    | 0.00     |

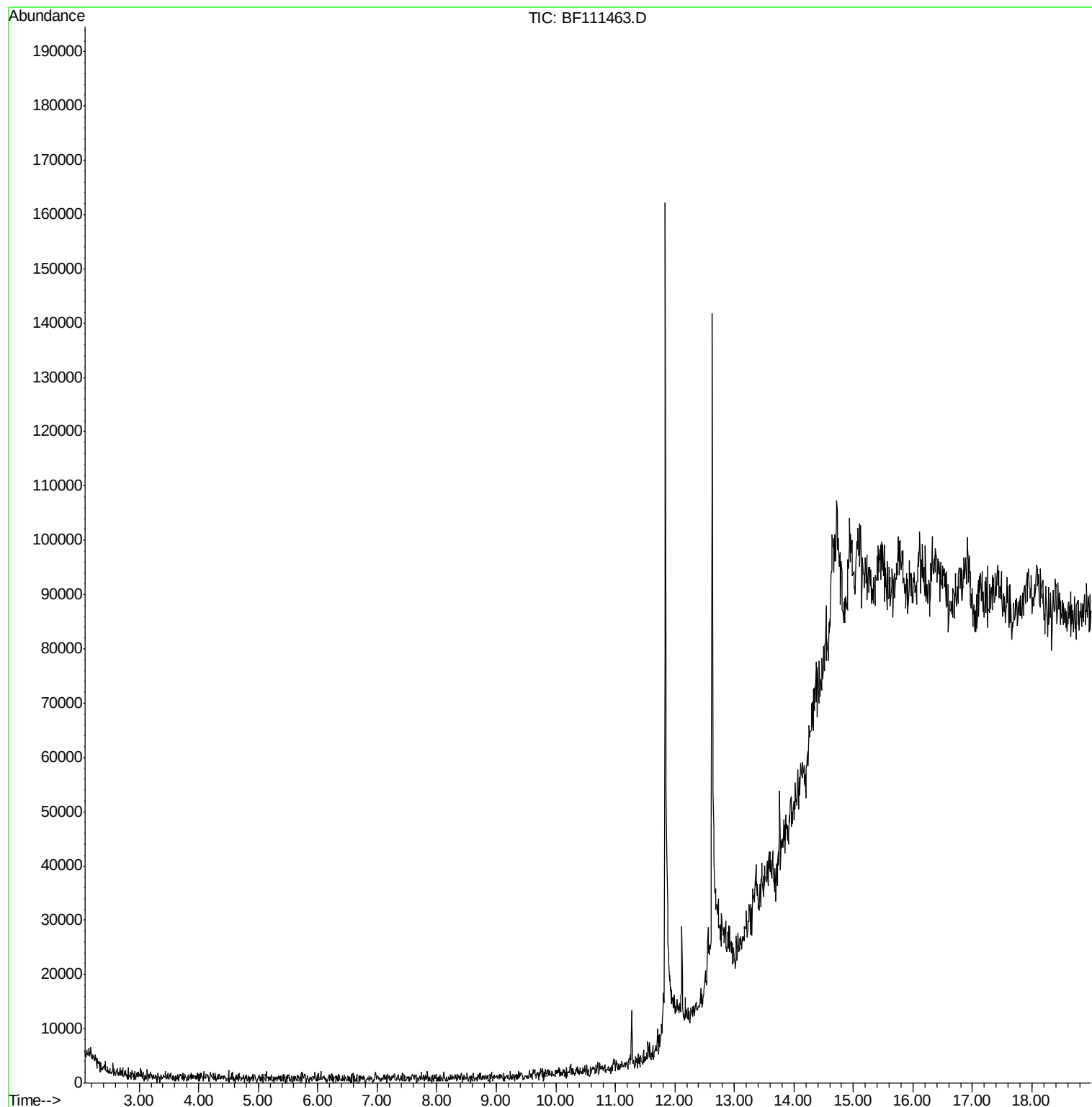
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

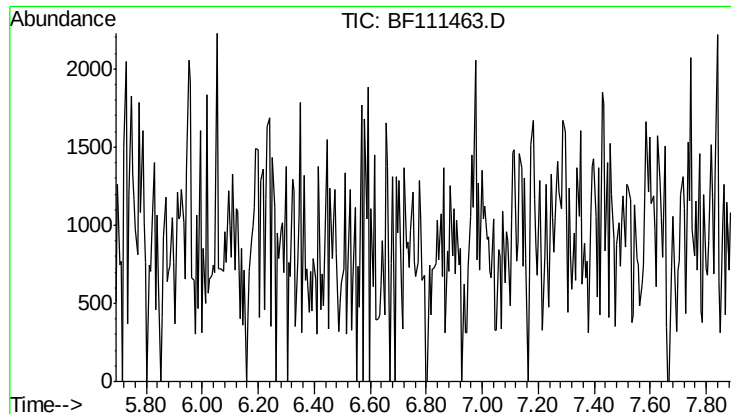
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.79 min

Lab File: BF111463.D

Acq: 15 Dec 2018 12:45

Instrument :

BNA\_F

ClientSampleId :

TP-5

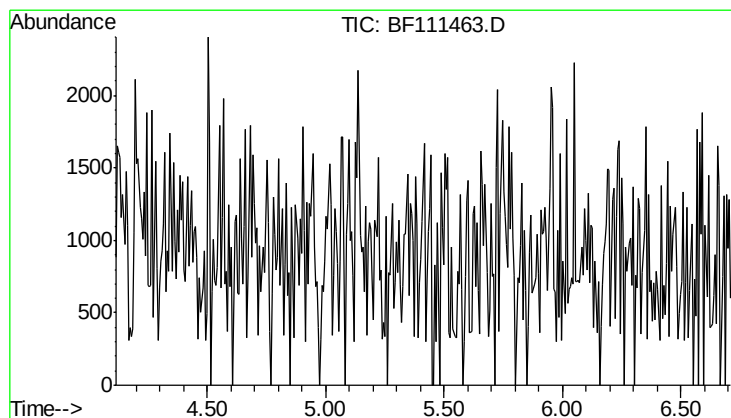
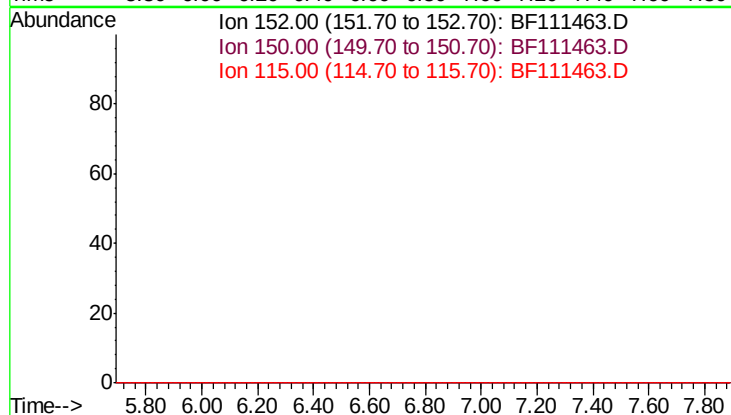
Tot Ion: 152

Sig Exp Ratio

152 100

150 158.2

115 63.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.42 min

Lab File: BF111463.D

Acq: 15 Dec 2018 12:45

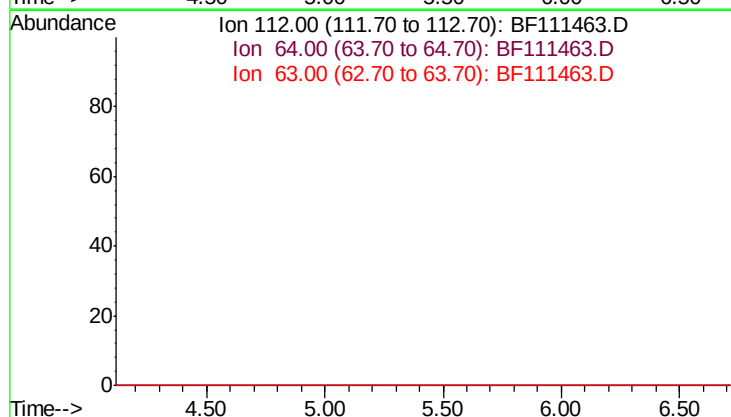
Tgt Ion: 112

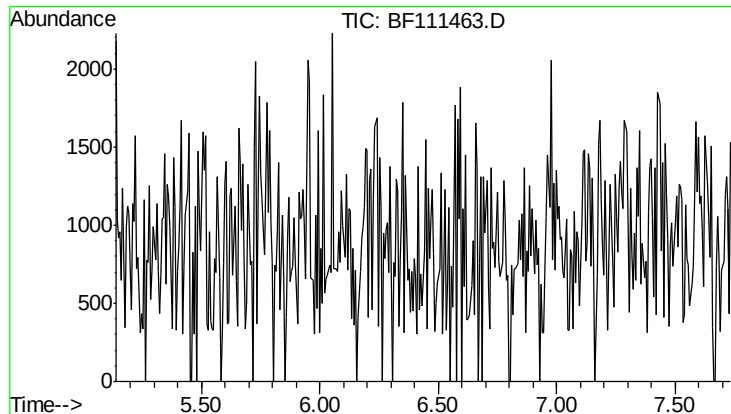
Sig Exp Ratio

112 100

64 64.7

63 33.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.44 min

Lab File: BF111463.D

Acq: 15 Dec 2018 12:45

Instrument :

BNA\_F

ClientSampleId :

TP-5

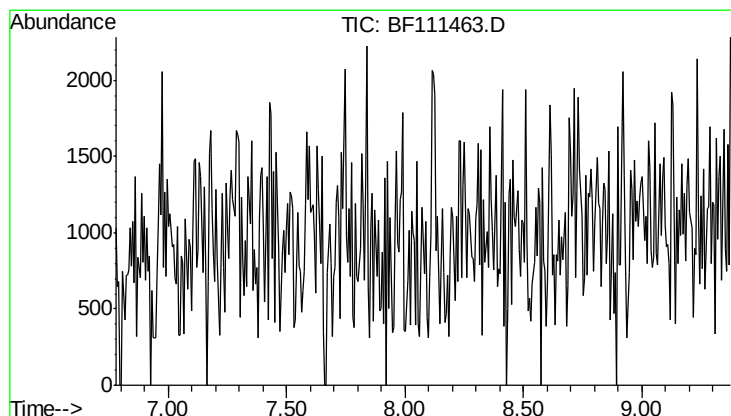
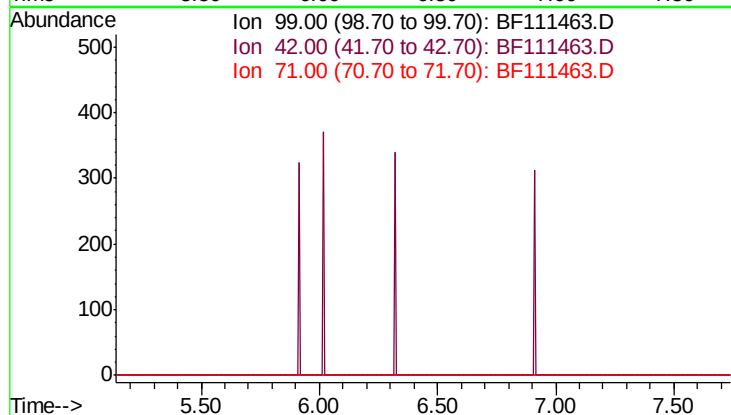
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.7

71 32.6



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.08 min

Lab File: BF111463.D

Acq: 15 Dec 2018 12:45

Tgt Ion: 136

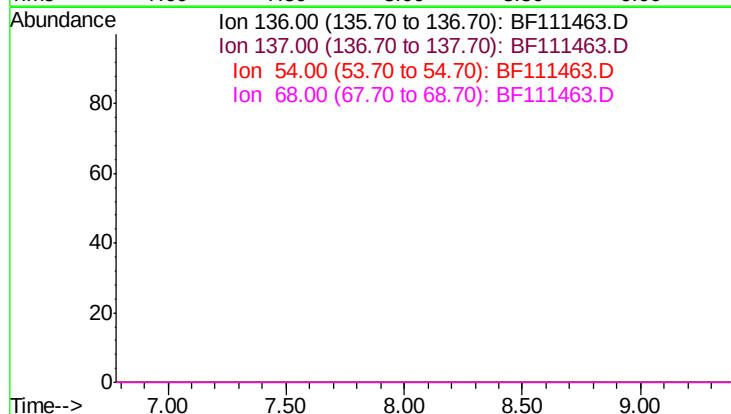
Sig Exp Ratio

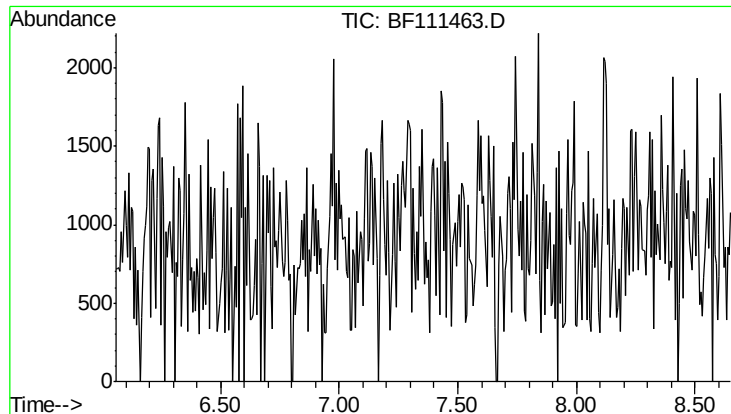
136 100

137 11.4

54 9.6

68 6.1

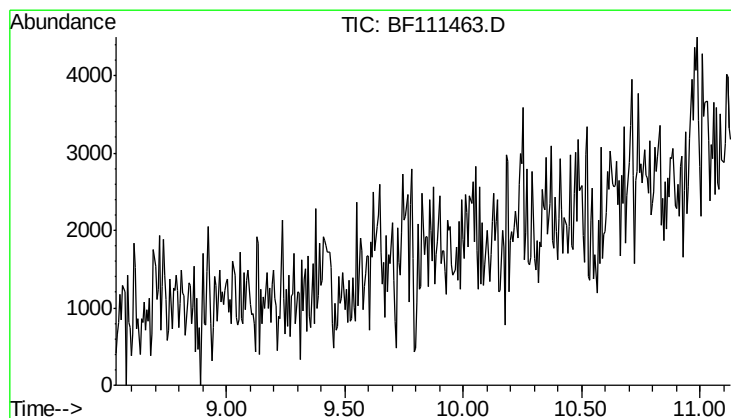
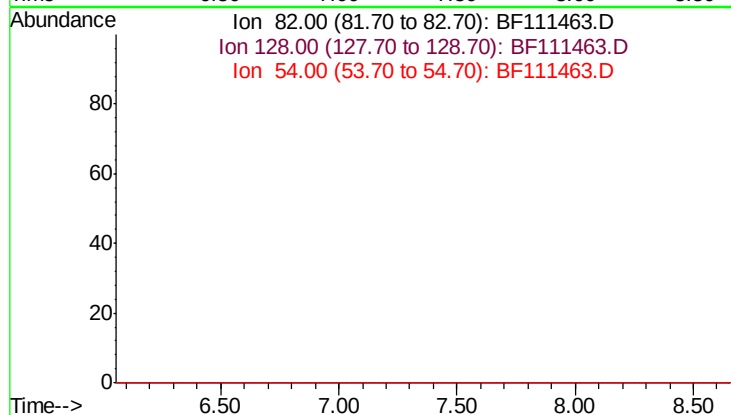




#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 7.36 min  
 Lab File: BF111463.D  
 Acq: 15 Dec 2018 12:45

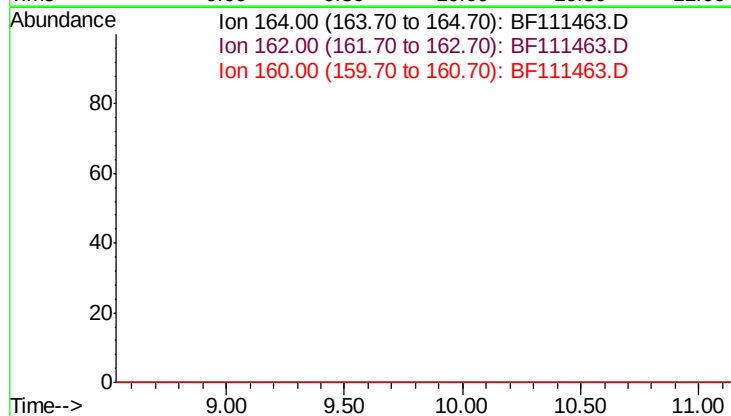
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

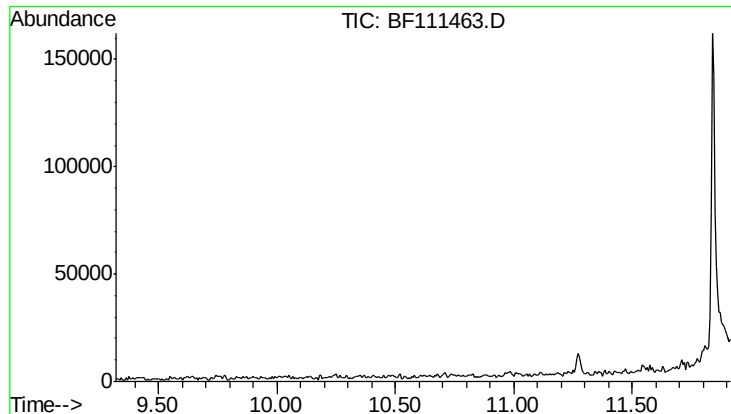
| Tot Ion | 82        |
|---------|-----------|
| Sig     | Exp Ratio |
| 82      | 100       |
| 128     | 46.8      |
| 54      | 59.5      |



#39  
 Acenaphthene-d10  
 Concen: 0.000 ng  
 Expected RT: 9.83 min  
 Lab File: BF111463.D  
 Acq: 15 Dec 2018 12:45

| Tgt Ion | 164       |
|---------|-----------|
| Sig     | Exp Ratio |
| 164     | 100       |
| 162     | 101.7     |
| 160     | 44.6      |

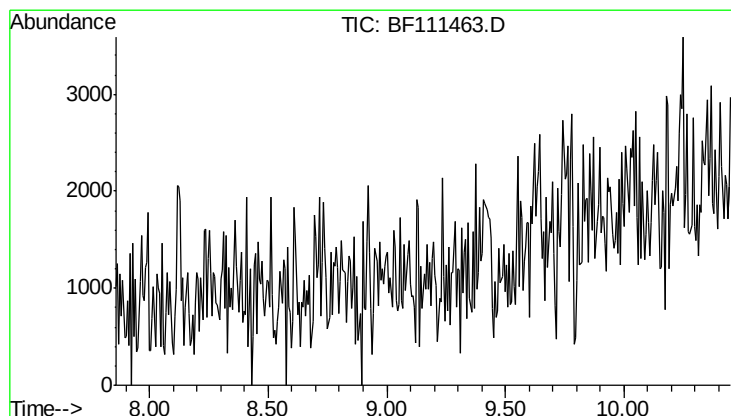
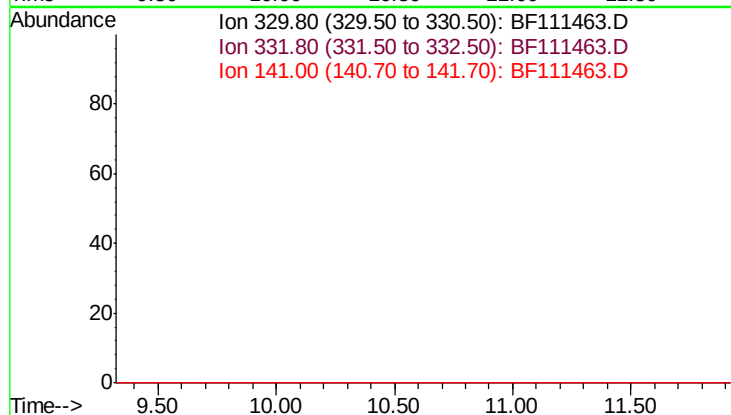




#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 10.62 min  
 Lab File: BF111463.D  
 Acq: 15 Dec 2018 12:45

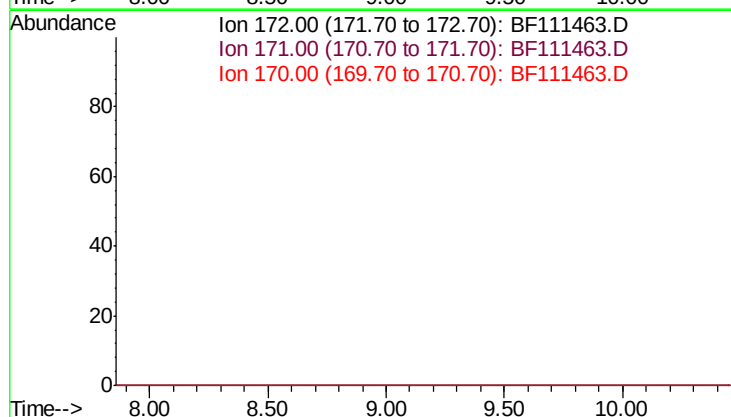
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

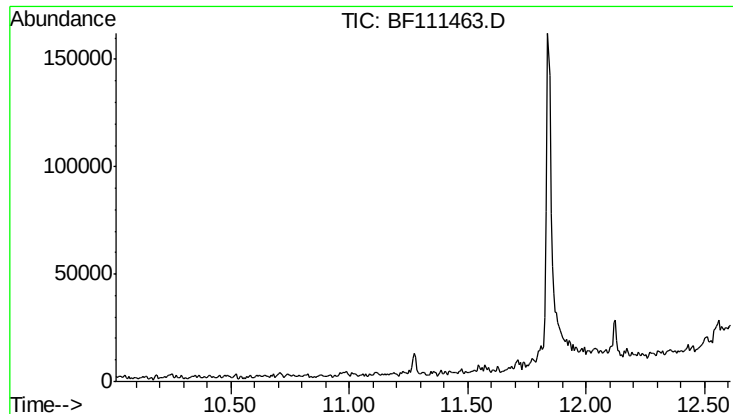
Tot Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 95.0  
 141 38.8



#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.16 min  
 Lab File: BF111463.D  
 Acq: 15 Dec 2018 12:45

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 41.2  
 170 27.9

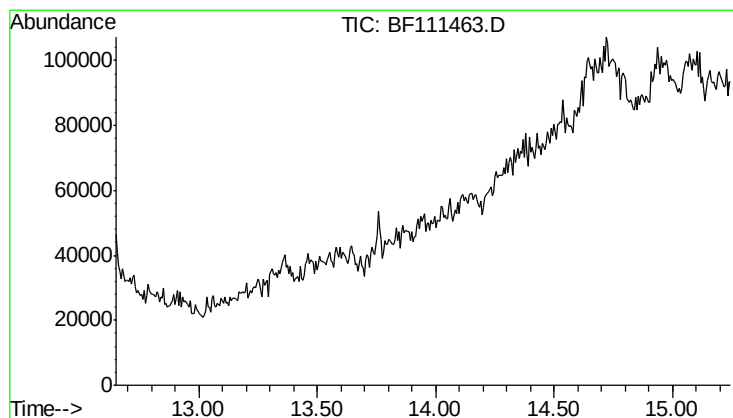
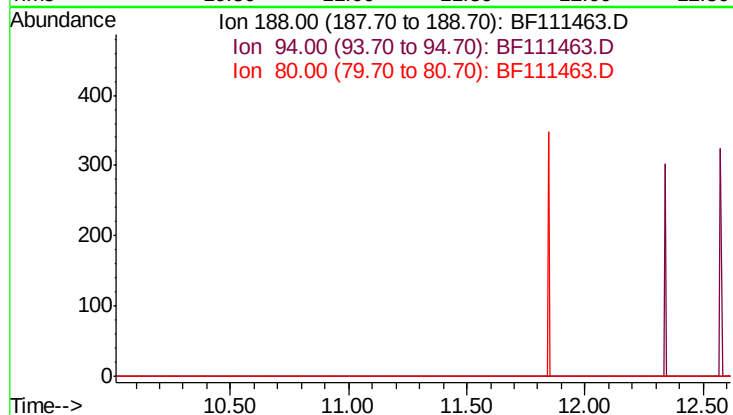




#64  
 Phenanthrene-d10  
 Concen: 0.000 ng  
 Expected RT: 11.32 min  
 Lab File: BF111463.D  
 Acq: 15 Dec 2018 12:45

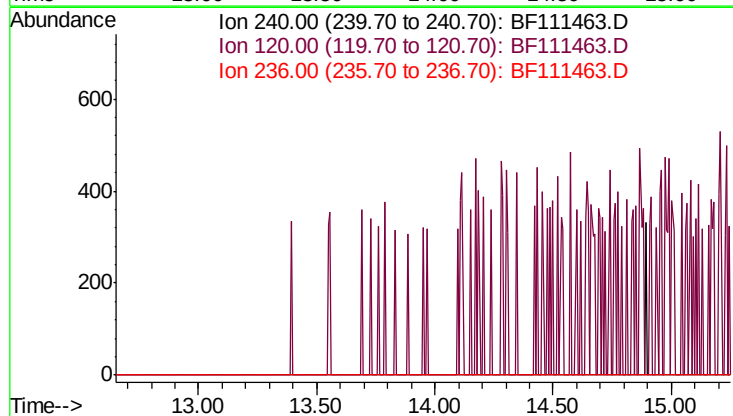
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

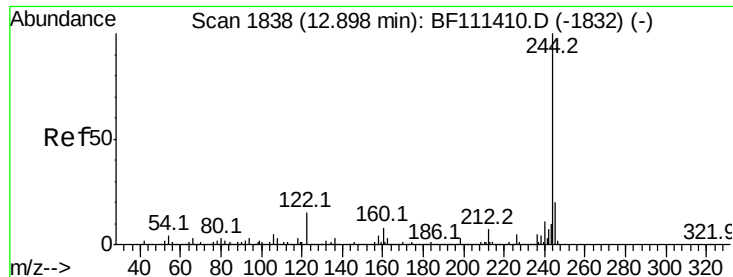
Tot Ion: 188  
 Sig Exp Ratio  
 188 100  
 94 12.0  
 80 12.2



#76  
 Chrysene-d12  
 Concen: 0.000 ng  
 Expected RT: 13.95 min  
 Lab File: BF111463.D  
 Acq: 15 Dec 2018 12:45

Tgt Ion: 240  
 Sig Exp Ratio  
 240 100  
 120 15.2  
 236 25.2





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111463.D

Acq: 15 Dec 2018 12:45

Instrument :

BNA\_F

ClientSampled :

TP-5

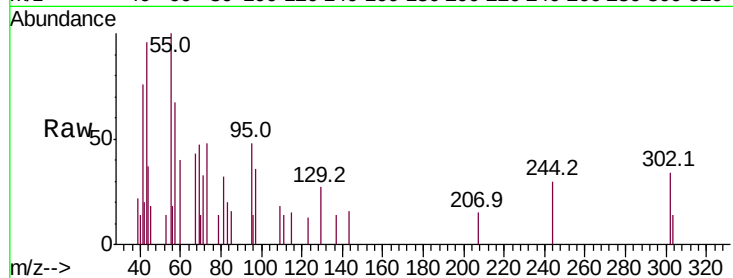
Tot Ion: 244 Resp: 428

Ion Ratio Lower Upper

244 100

212 0.0 5.7 8.5#

122 0.0 13.1 19.7#



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

800

600

400

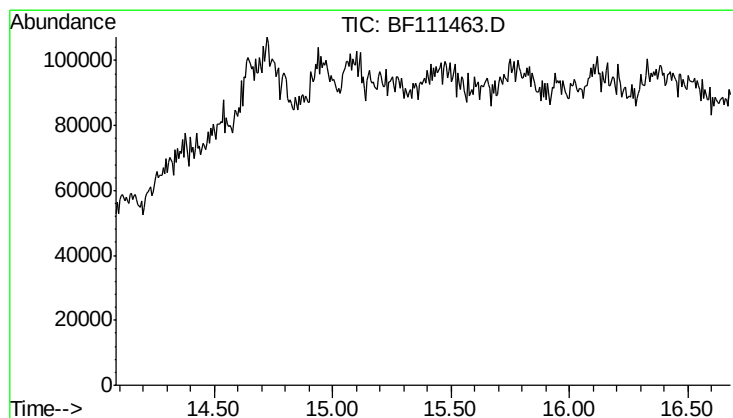
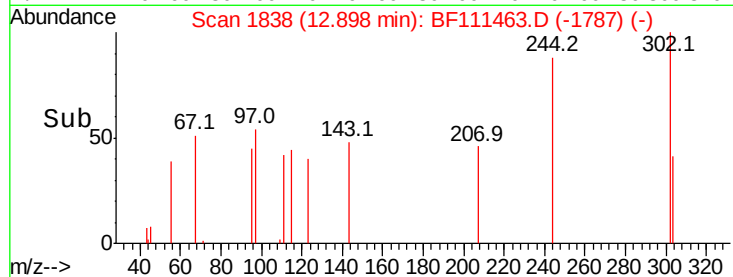
200

0

12.88

12.90

Time-->



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 15.39 min

Lab File: BF111463.D

Acq: 15 Dec 2018 12:45

Tgt Ion: 264

Sig Exp Ratio

264 100

260 22.9

265 22.1

