

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\  
 Data File : BF121849.D  
 Acq On : 6 Oct 2020 13:22  
 Operator : JU/CG  
 Sample : L4247-02MS 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-18(0-1)MS

Quant Time: Oct 06 14:48:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 01 14:29:14 2020  
 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    | -6.77    |
| 21) Naphthalene-d8          | 0.00  | 136  | 0        | 0.00 | ng    | -8.06    |
| 39) Acenaphthene-d10        | 0.00  | 164  | 0        | 0.00 | ng    | -9.81    |
| 64) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00 | ng    | -11.29   |
| 76) Chrysene-d12            | 0.00  | 240  | 0        | 0.00 | ng    | -13.93   |
| 86) Perylene-d12            | 0.00  | 264  | 0        | 0.00 | ng    | -15.36   |
| 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           | 12.86 | 244  | 1472     | 0.00 | ng    | -0.02    |

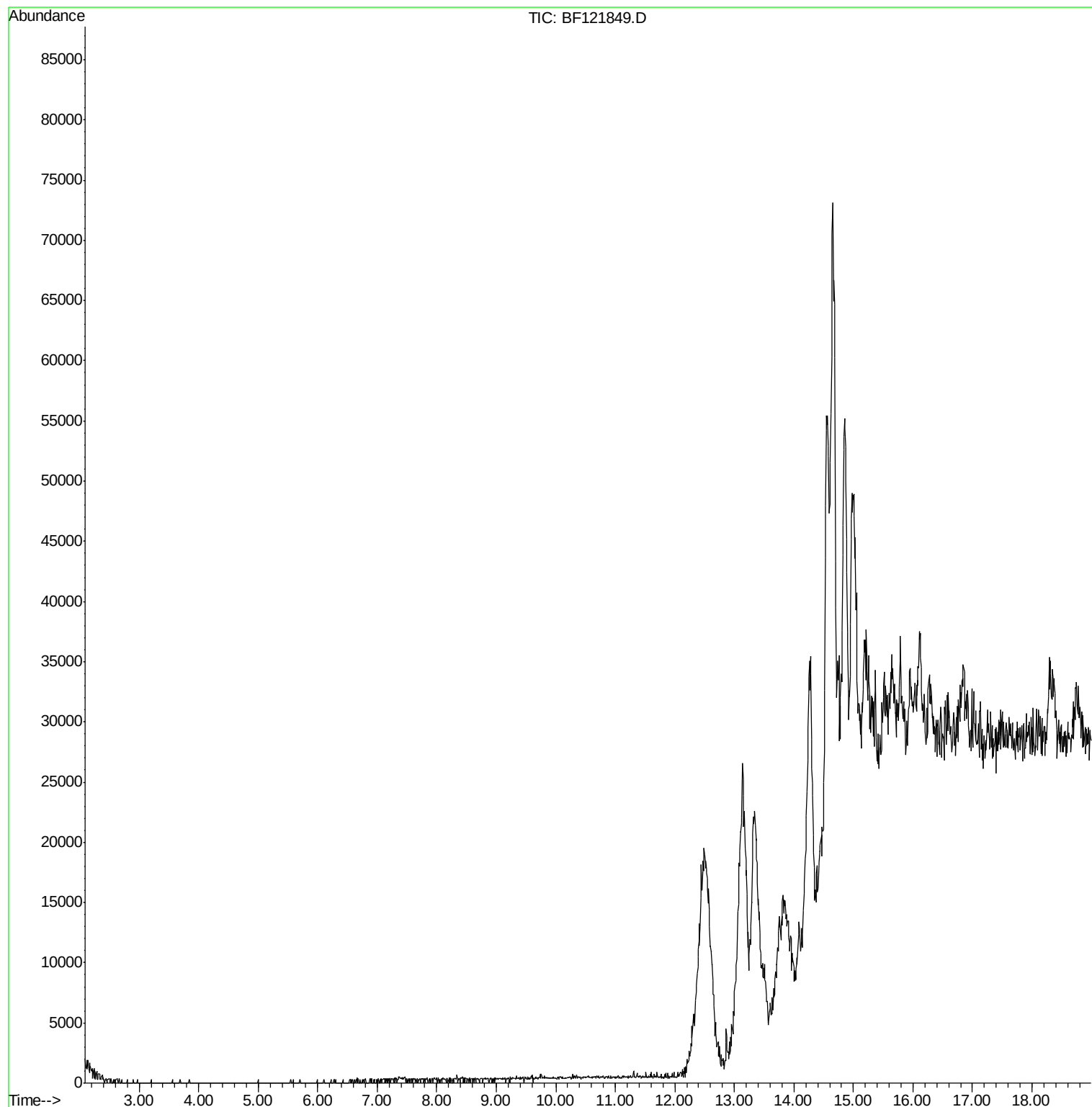
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
|------------------|--------|

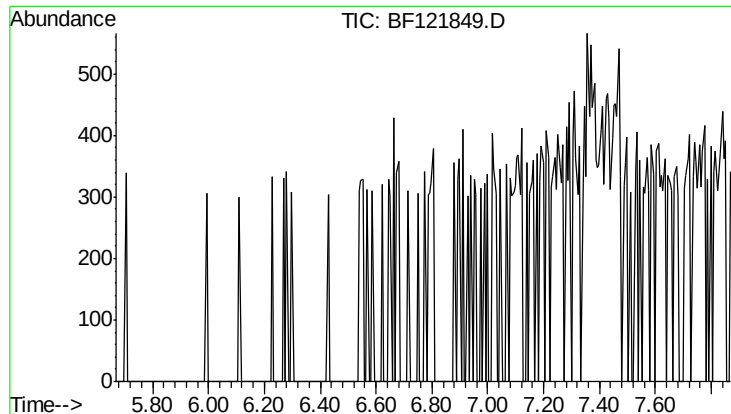
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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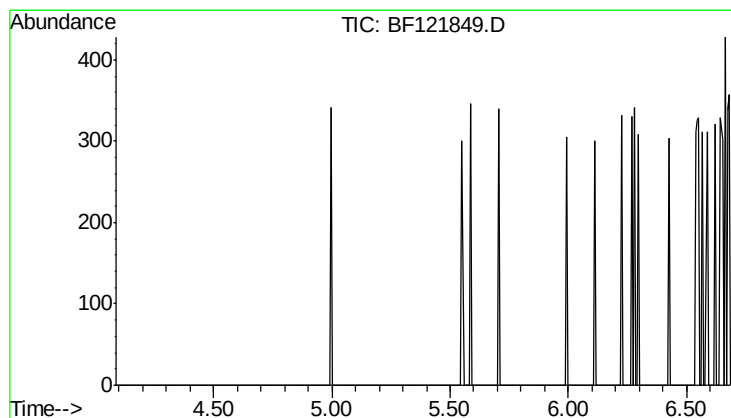
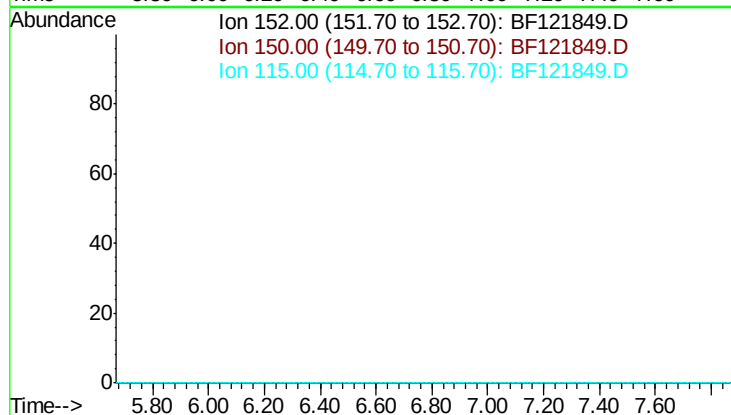




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ng  
 Expected RT: 6.77 min  
 Lab File: BF121849.D  
 Acq: 6 Oct 2020 13:22

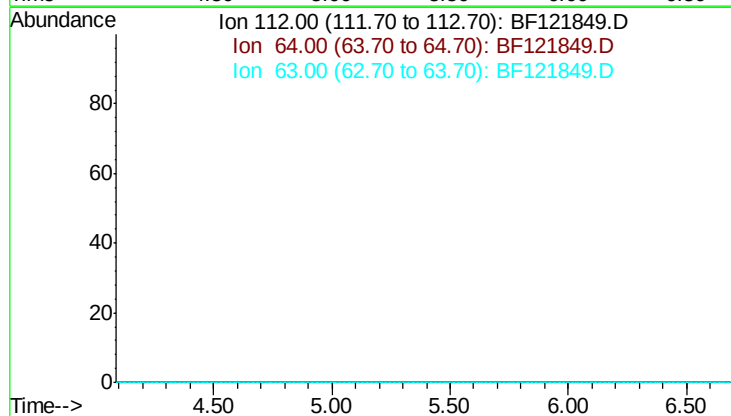
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-18(0-1)MS

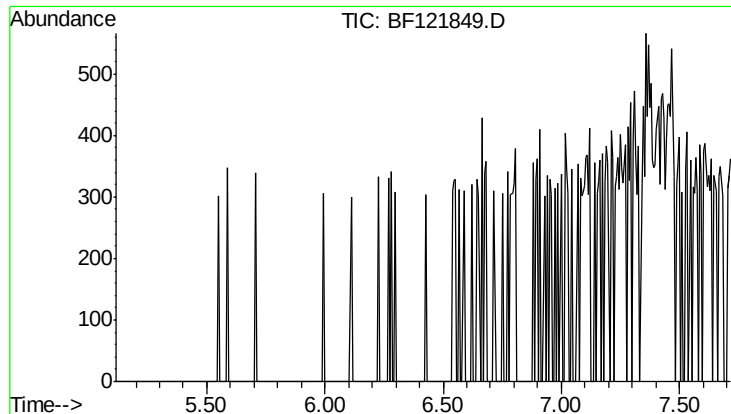
Tot Ion: 152  
 Sig Exp Ratio  
 152 100  
 150 156.6  
 115 64.9



#5  
 2-Fluorophenol  
 Concen: 0.000 ng  
 Expected RT: 5.39 min  
 Lab File: BF121849.D  
 Acq: 6 Oct 2020 13:22

Tgt Ion: 112  
 Sig Exp Ratio  
 112 100  
 64 63.0  
 63 32.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.42 min

Lab File: BF121849.D

Acq: 6 Oct 2020 13:22

Instrument :

BNA\_F

ClientSampleId :

B-18(0-1)MS

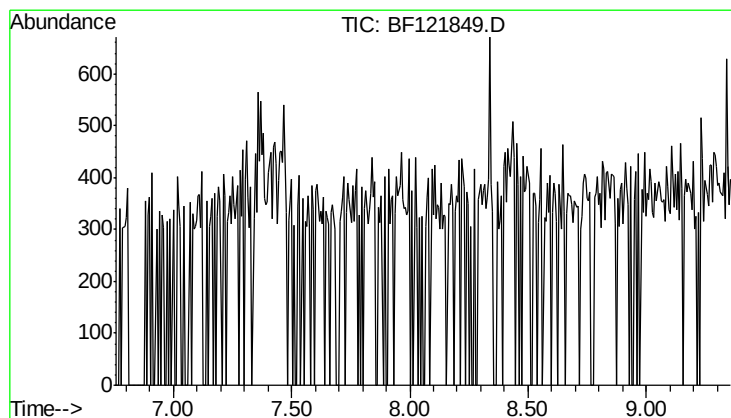
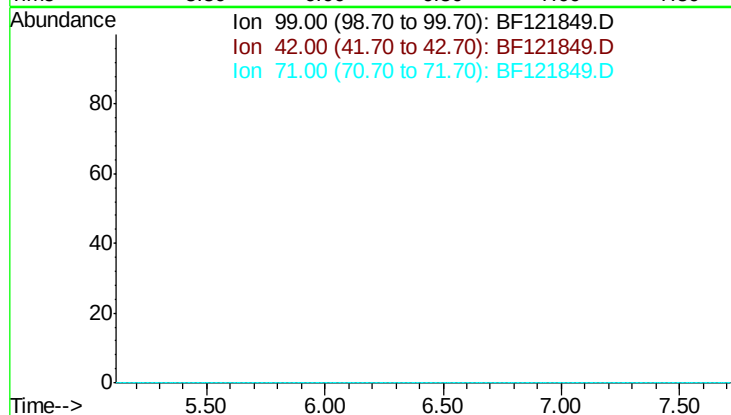
Tot Ion: 99

Sig Exp Ratio

99 100

42 19.9

71 33.9



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.06 min

Lab File: BF121849.D

Acq: 6 Oct 2020 13:22

Tgt Ion: 136

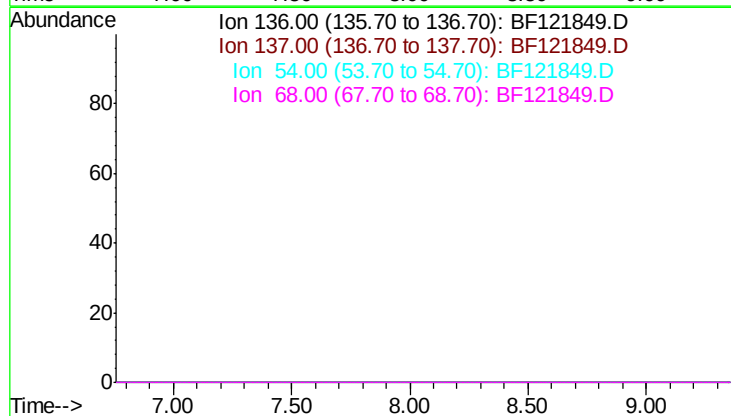
Sig Exp Ratio

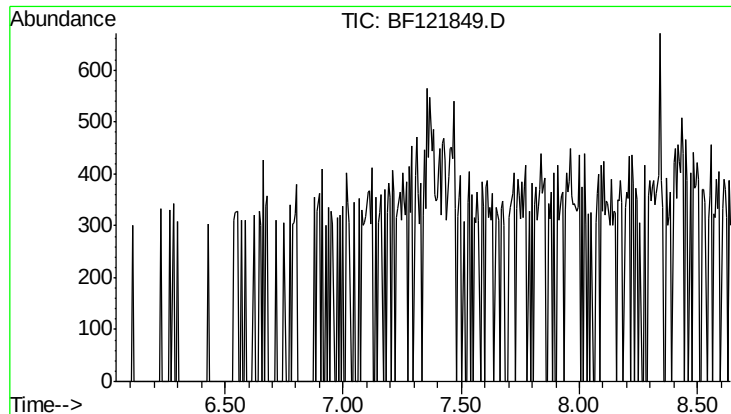
136 100

137 10.8

54 8.9

68 6.2

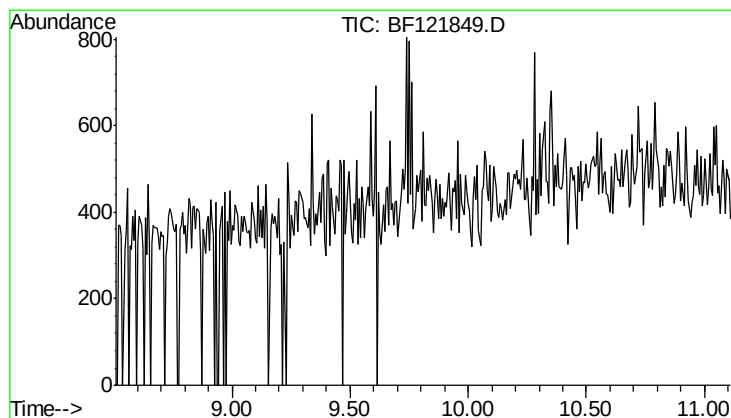
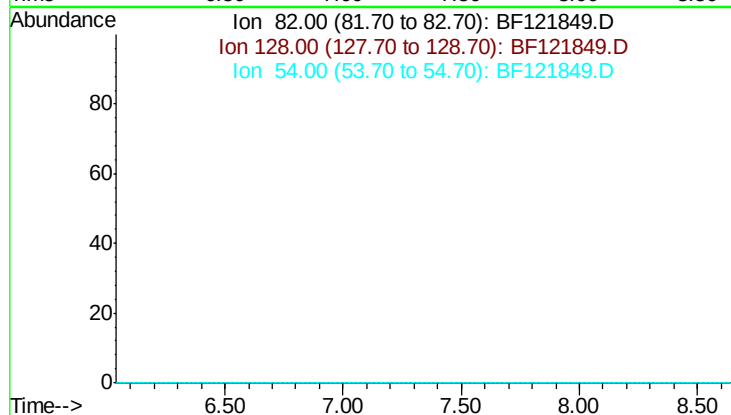




#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 7.34 min  
 Lab File: BF121849.D  
 Acq: 6 Oct 2020 13:22

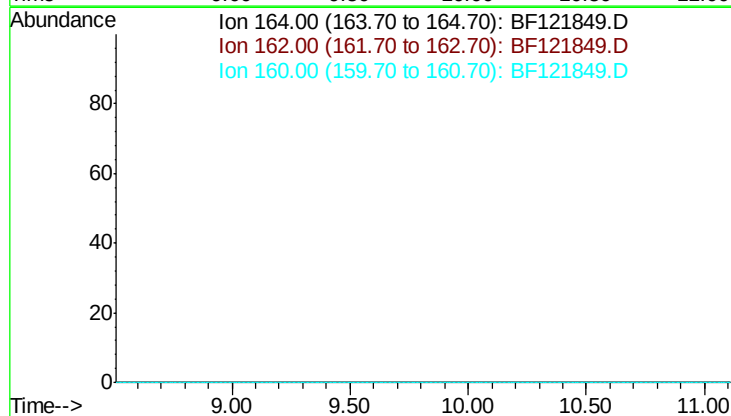
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-18(0-1)MS

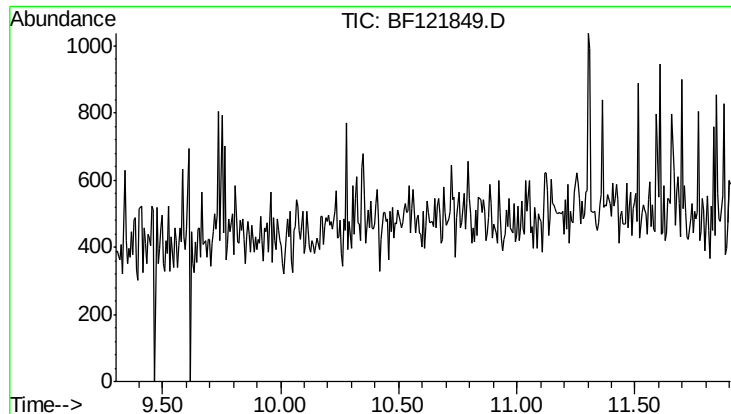
| Tot Ion | 82        |
|---------|-----------|
| Sig     | Exp Ratio |
| 82      | 100       |
| 128     | 43.7      |
| 54      | 54.9      |



#39  
 Acenaphthene-d10  
 Concen: 0.000 ng  
 Expected RT: 9.81 min  
 Lab File: BF121849.D  
 Acq: 6 Oct 2020 13:22

| Tgt Ion | 164       |
|---------|-----------|
| Sig     | Exp Ratio |
| 164     | 100       |
| 162     | 104.0     |
| 160     | 46.9      |





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.60 min

Lab File: BF121849.D

Acq: 6 Oct 2020 13:22

Instrument :

BNA\_F

ClientSampleId :

B-18(0-1)MS

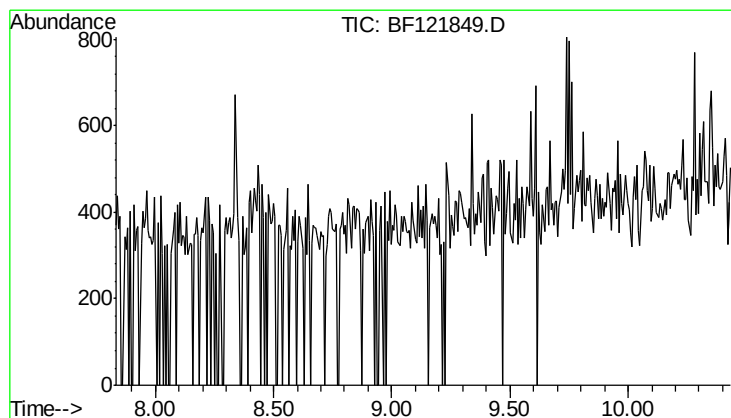
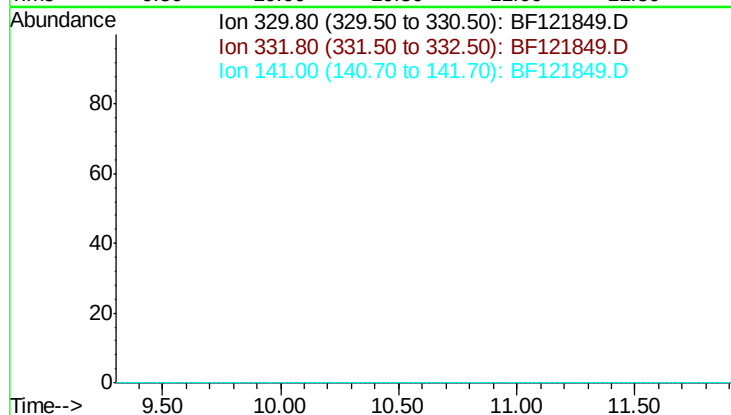
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.6

141 27.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.13 min

Lab File: BF121849.D

Acq: 6 Oct 2020 13:22

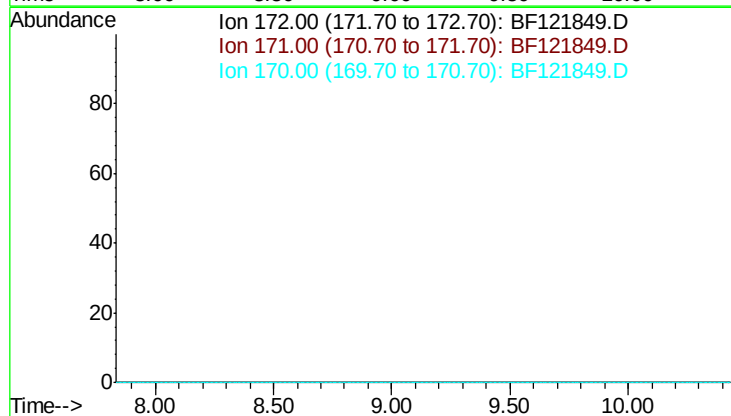
Tgt Ion: 172

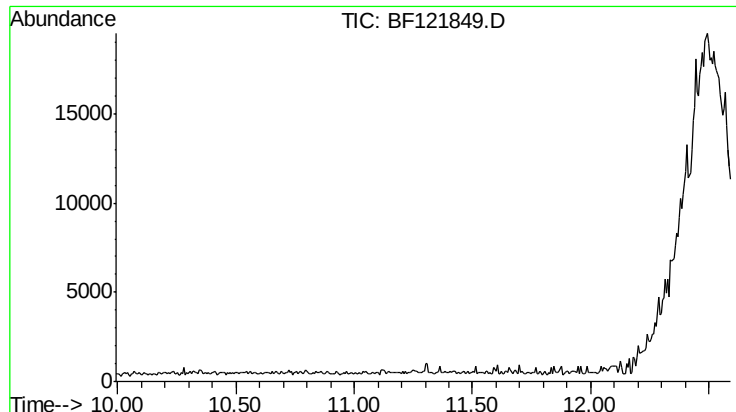
Sig Exp Ratio

172 100

171 36.4

170 24.7

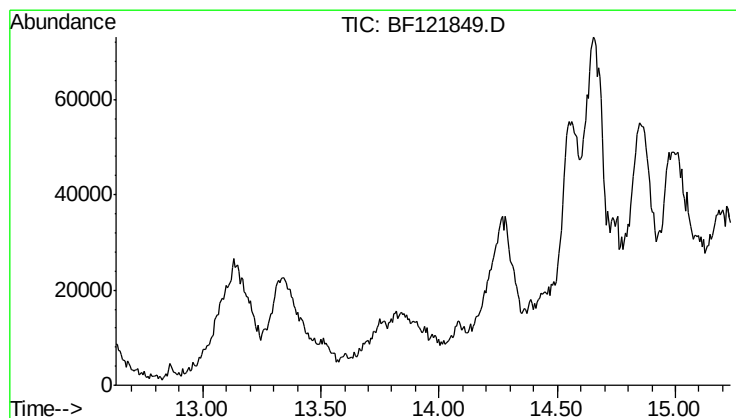
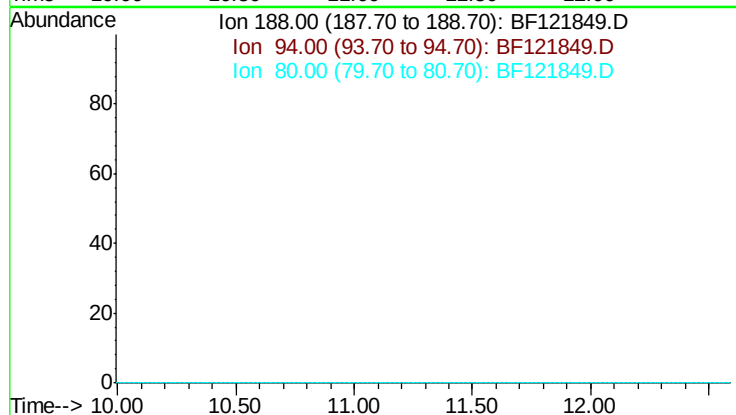




#64  
 Phenanthrene-d10  
 Concen: 0.000 ng  
 Expected RT: 11.29 min  
 Lab File: BF121849.D  
 Acq: 6 Oct 2020 13:22

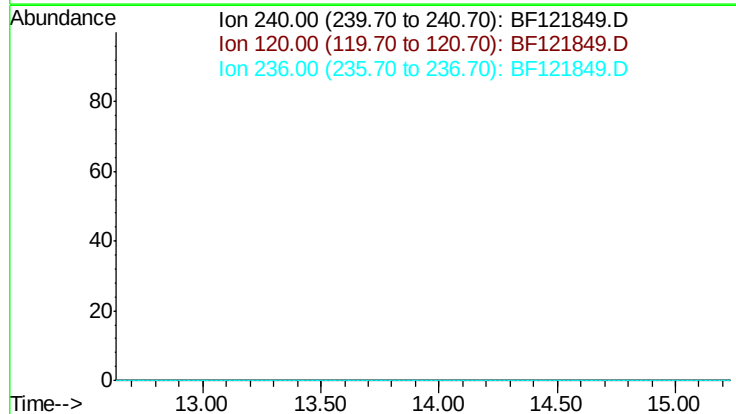
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-18(0-1)MS

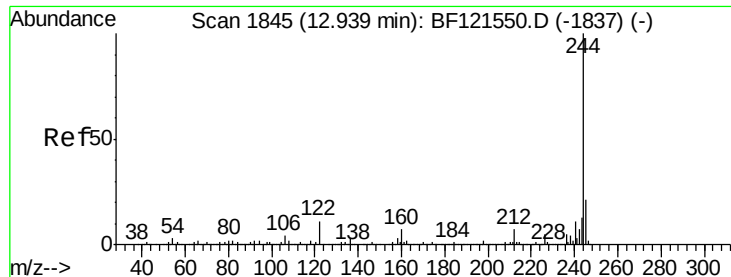
Tot Ion: 188  
 Sig Exp Ratio  
 188 100  
 94 10.4  
 80 11.4



#76  
 Chrysene-d12  
 Concen: 0.000 ng  
 Expected RT: 13.93 min  
 Lab File: BF121849.D  
 Acq: 6 Oct 2020 13:22

Tgt Ion: 240  
 Sig Exp Ratio  
 240 100  
 120 11.5  
 236 26.1





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121849.D

Acq: 6 Oct 2020 13:22

Instrument :

BNA\_F

ClientSampleId :

B-18(0-1)MS

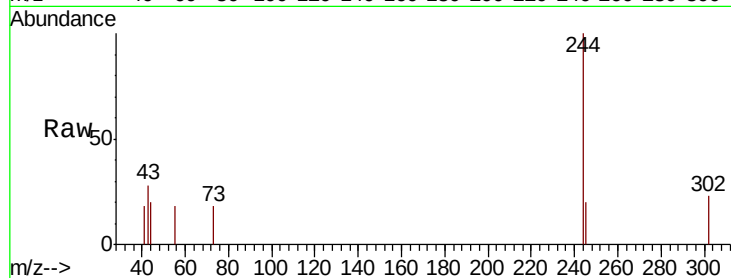
Tot Ion: 244 Resp: 1472

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.2#

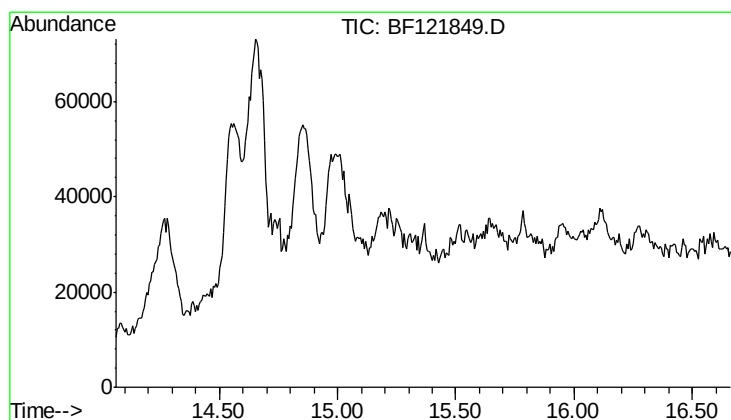
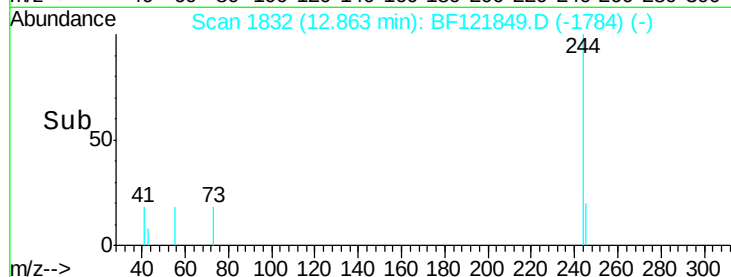
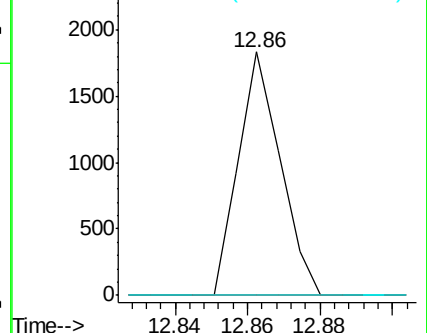
122 0.0 8.1 12.1#



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



#86

Perylene-d12

Concen: 0.000 ng

Expected RT: 15.36 min

Lab File: BF121849.D

Acq: 6 Oct 2020 13:22

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.4

265 21.6

