

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012023\  
 Data File : BF132176.D  
 Acq On : 20 Jan 2023 23:19  
 Operator : CG\JU  
 Sample : 01232-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-P-17B

Quant Time: Jan 21 03:58:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 20 00:50:42 2023  
 Response via : Initial Calibration

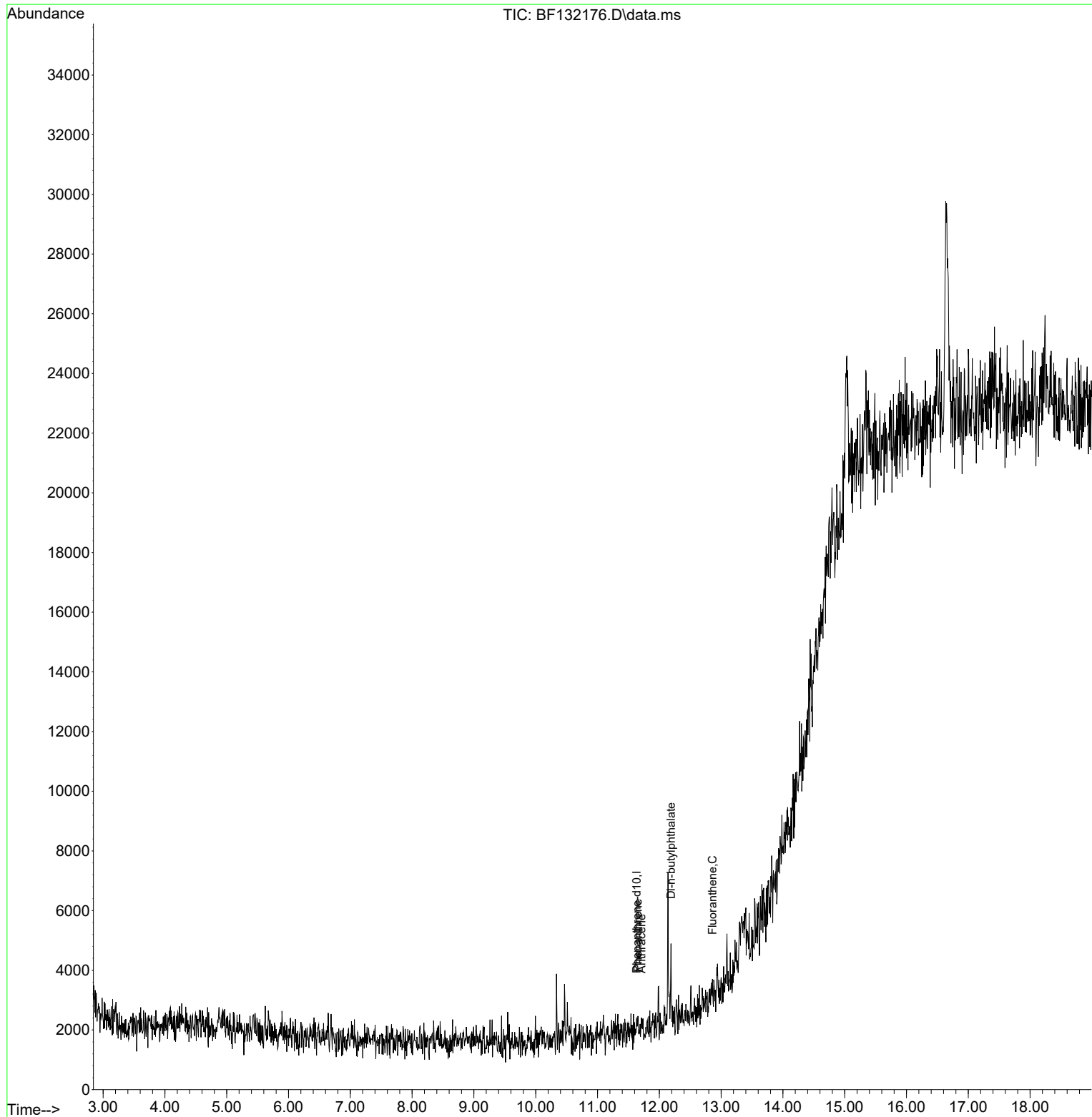
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 0.000  | 152  | 0        | 0.000   | ng    | -7.09    |
| 21) Naphthalene-d8          | 0.000  | 136  | 0        | 0.000   | ng    | -8.38    |
| 39) Acenaphthene-d10        | 0.000  | 164  | 0        | 0.000   | ng    | -10.14   |
| 64) Phenanthrene-d10        | 11.636 | 188  | 151      | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 0.000  | 240  | 0        | 0.000   | ng    | -14.31   |
| 86) Perylene-d12            | 0.000  | 264  | 0        | 0.000   | ng    | -15.90   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 0.000  | 112  | 0        | 0.000   | ng    |          |
| 7) Phenol-d6                | 0.000  | 99   | 0        | 0.000   | ng    |          |
| 23) Nitrobenzene-d5         | 0.000  | 82   | 0        | 0.000   | ng    |          |
| 42) 2,4,6-Tribromophenol    | 0.000  | 330  | 0        | 0.000   | ng    |          |
| 45) 2-Fluorobiphenyl        | 0.000  | 172  | 0        | 0.000   | ng    |          |
| 79) Terphenyl-d14           | 13.224 | 244  | 662      | 0.000   | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
| 71) Phenanthrene            | 11.654 | 178  | 307      | 38.742  | ng    | # 60     |
| 72) Anthracene              | 11.713 | 178  | 151      | 18.836  | ng    | # 60     |
| 74) Di-n-butylphthalate     | 12.189 | 149  | 1306     | 171.323 | ng    | # 78     |
| 75) Fluoranthene            | 12.860 | 202  | 361      | 44.350  | ng    | 64       |

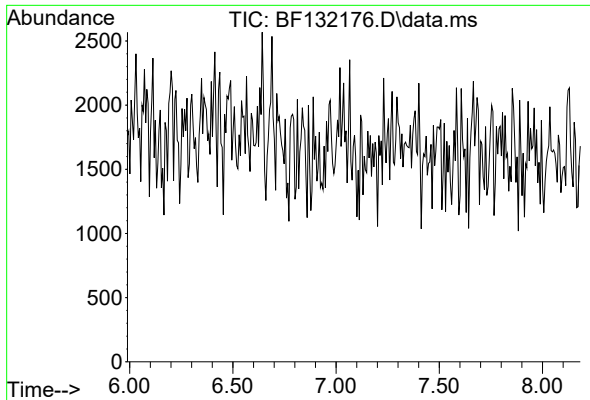
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012023\  
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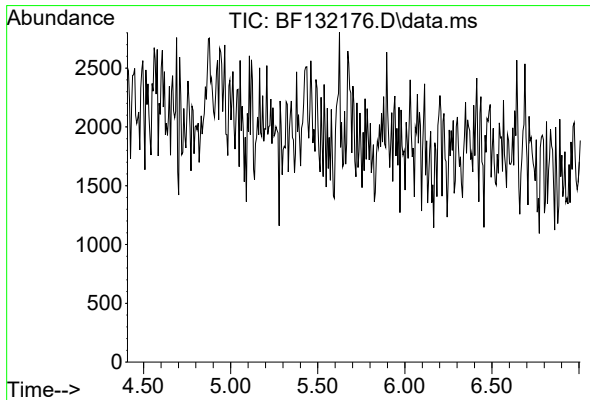
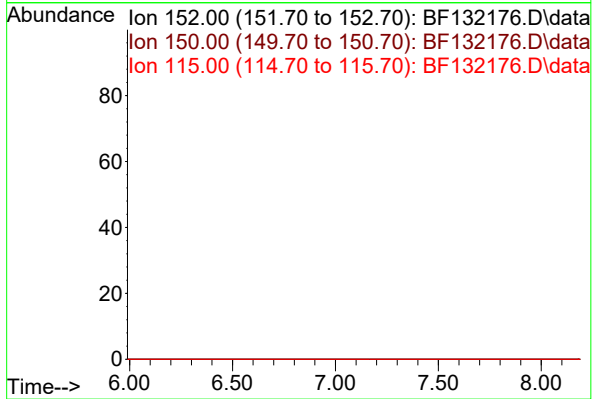


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ng  
 Expected RT: 7.09 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-P-17B

Tgt Ion: 152  

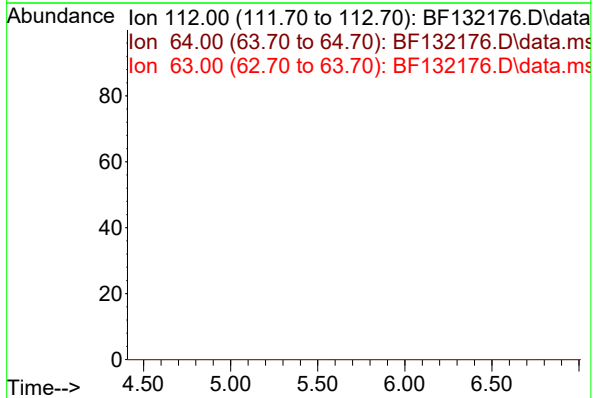
| Sig | Exp Ratio |
|-----|-----------|
| 152 | 100       |
| 150 | 157.3     |
| 115 | 61.5      |

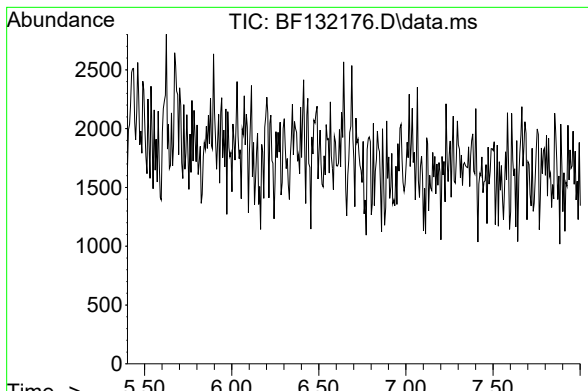


#5  
 2-Fluorophenol  
 Concen: 0.000 ng  
 Expected RT: 5.71 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Tgt Ion: 112  

| Sig | Exp Ratio |
|-----|-----------|
| 112 | 100       |
| 64  | 64.2      |
| 63  | 35.2      |



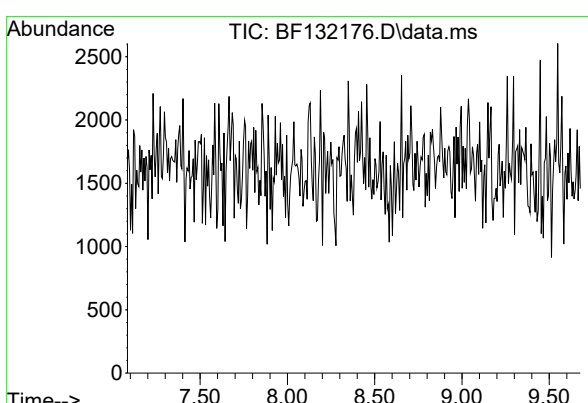
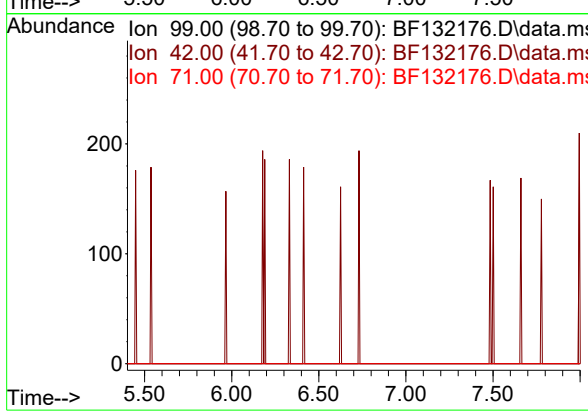


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.70 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-P-17B

Tgt Ion: 99

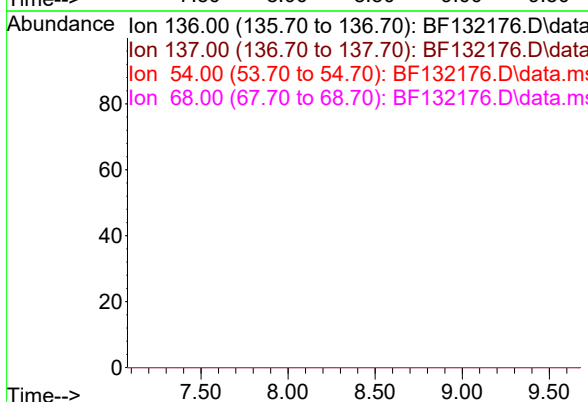
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 20.7      |
| 71  | 38.5      |

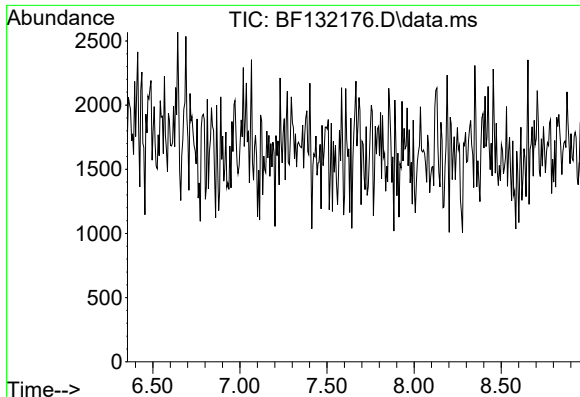


#21  
 Naphthalene-d8  
 Concen: 0.000 ng  
 Expected RT: 8.38 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Tgt Ion: 136

| Sig | Exp Ratio |
|-----|-----------|
| 136 | 100       |
| 137 | 11.1      |
| 54  | 8.8       |
| 68  | 6.3       |



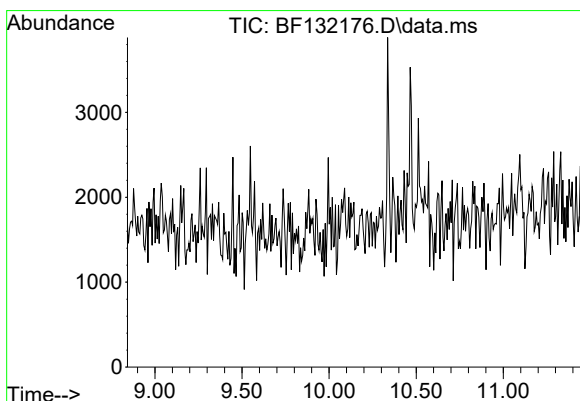
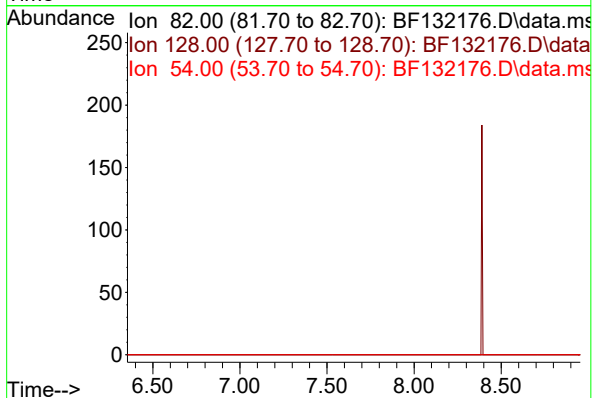


#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 7.65 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-P-17B

Tgt Ion: 82  

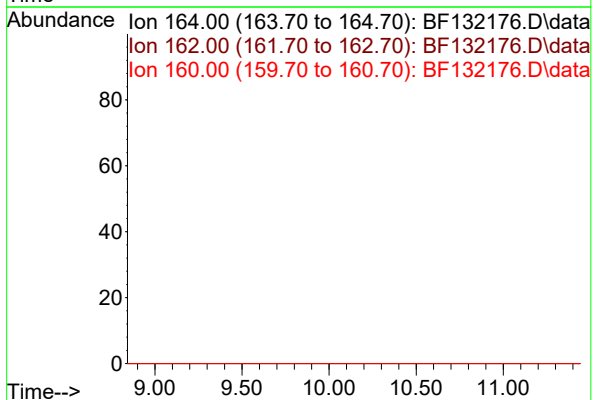
| Sig | Exp Ratio |
|-----|-----------|
| 82  | 100       |
| 128 | 38.9      |
| 54  | 54.9      |

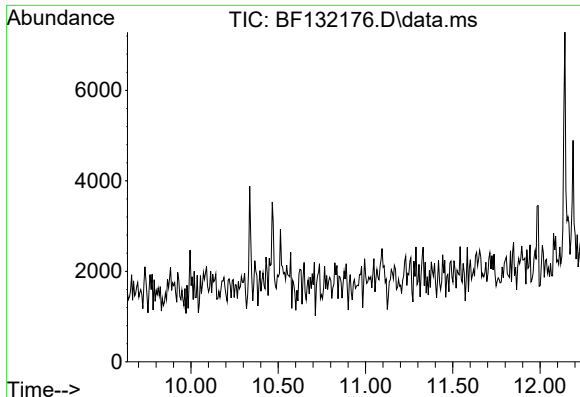


#39  
 Acenaphthene-d10  
 Concen: 0.000 ng  
 Expected RT: 10.14 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Tgt Ion: 164  

| Sig | Exp Ratio |
|-----|-----------|
| 164 | 100       |
| 162 | 101.5     |
| 160 | 46.1      |

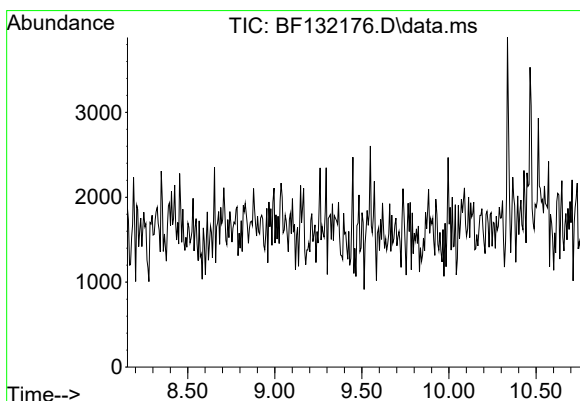
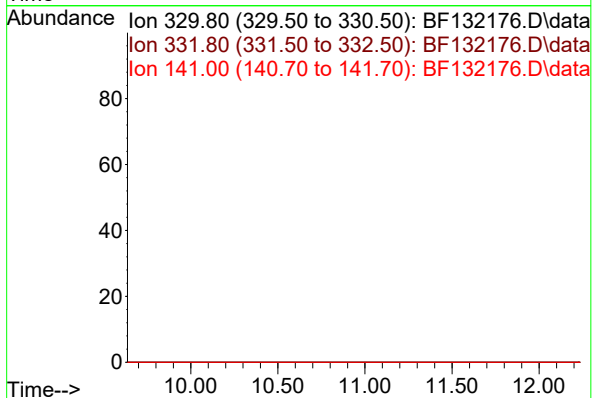




#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 10.94 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

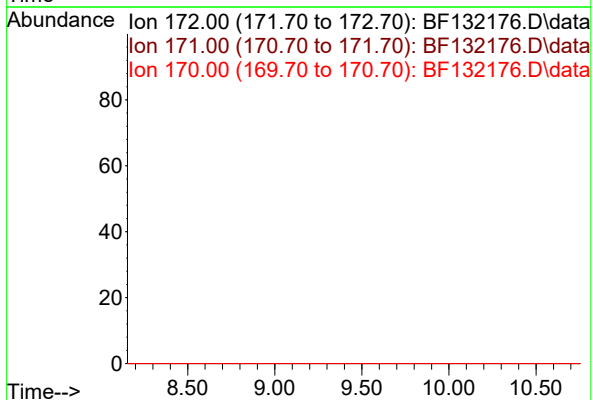
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-P-17B

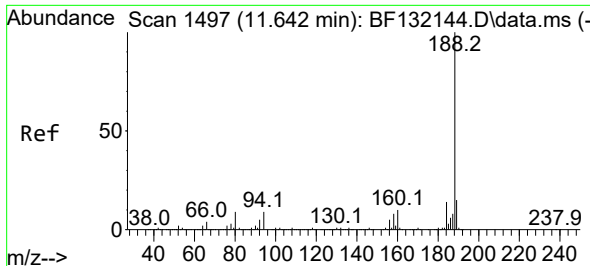
Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 94.5  
 141 33.9



#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.45 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 35.2  
 170 24.5

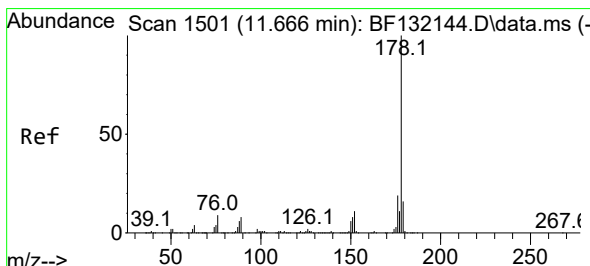
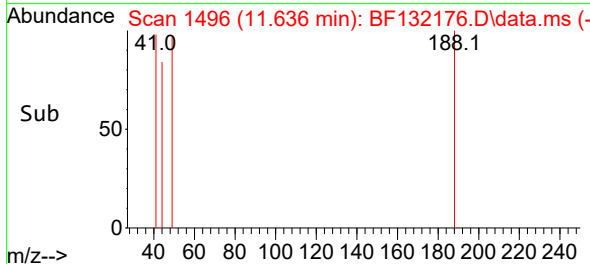
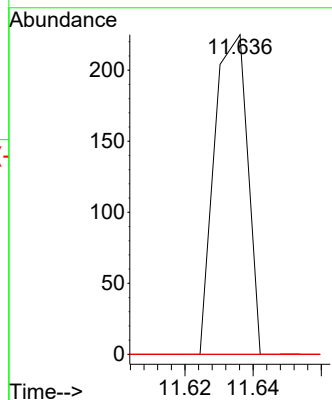
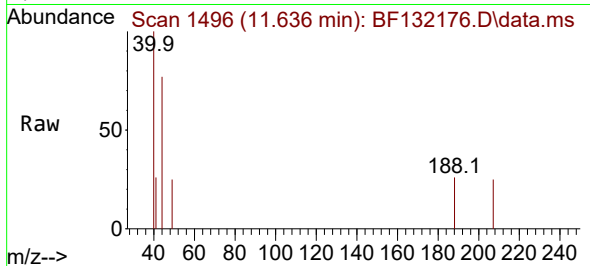




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.636 min Scan# 1496  
Delta R.T. -0.006 min  
Lab File: BF132176.D  
Acq: 20 Jan 2023 23:19

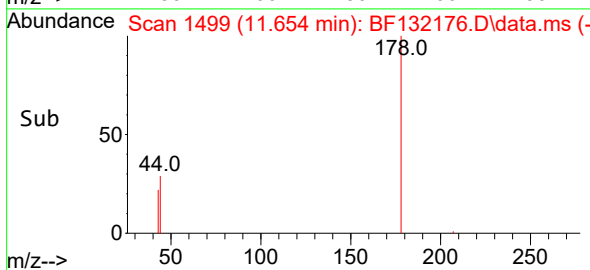
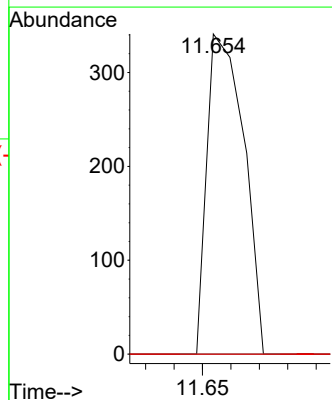
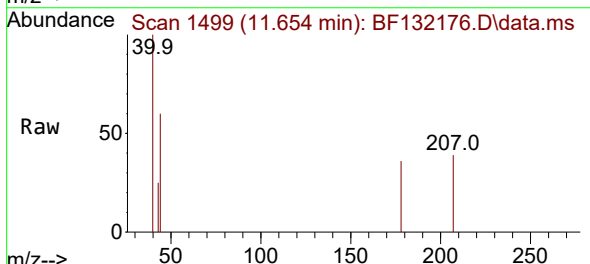
Instrument :  
BNA\_F  
ClientSampleId :  
B-P-17B

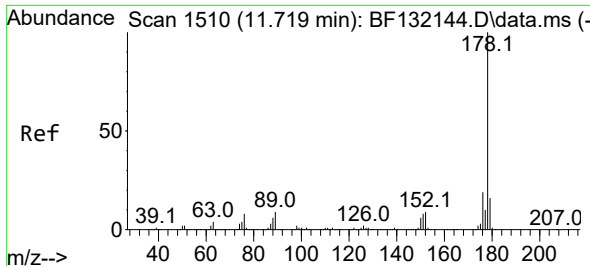
Tgt Ion:188 Resp: 151  
Ion Ratio Lower Upper  
188 100  
94 0.0 6.9 10.3#  
80 0.0 7.5 11.3#



#71  
Phenanthrene  
Concen: 38.742 ng  
RT: 11.654 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BF132176.D  
Acq: 20 Jan 2023 23:19

Tgt Ion:178 Resp: 307  
Ion Ratio Lower Upper  
178 100  
176 0.0 15.5 23.3#  
179 0.0 12.6 19.0#

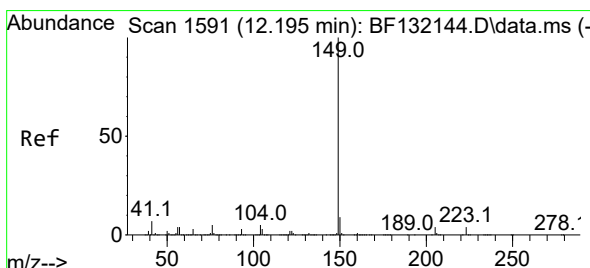
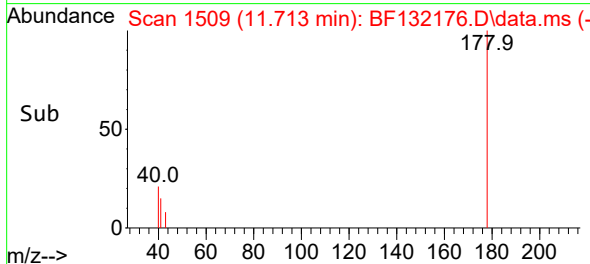
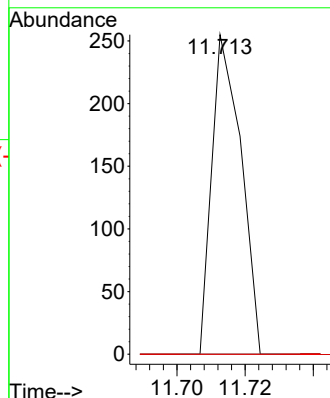
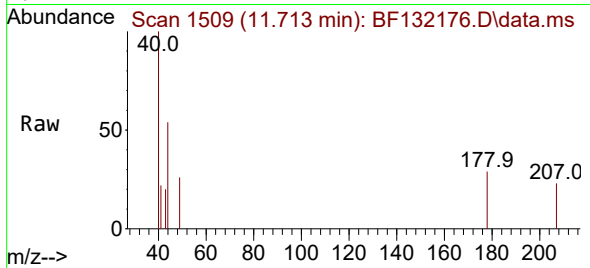




#72  
 Anthracene  
 Concen: 18.836 ng  
 RT: 11.713 min Scan# 1510  
 Delta R.T. -0.006 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

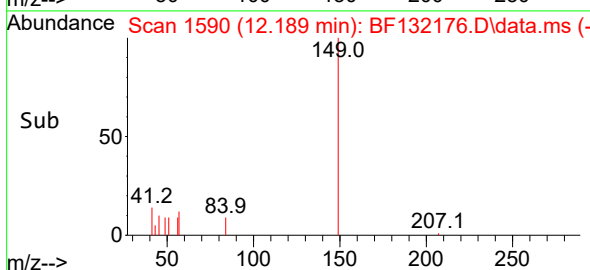
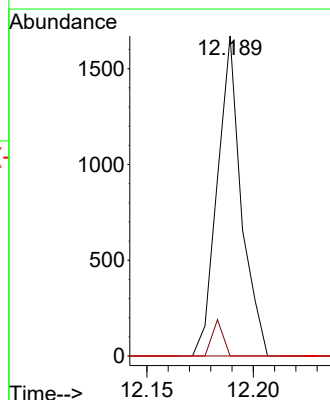
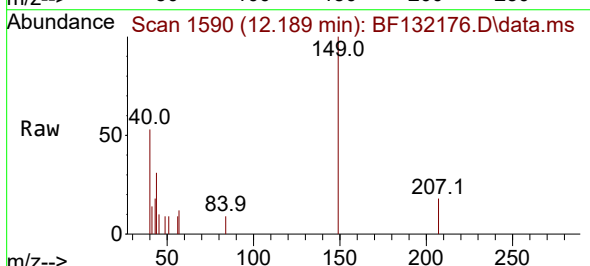
Instrument :  
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 B-P-17B

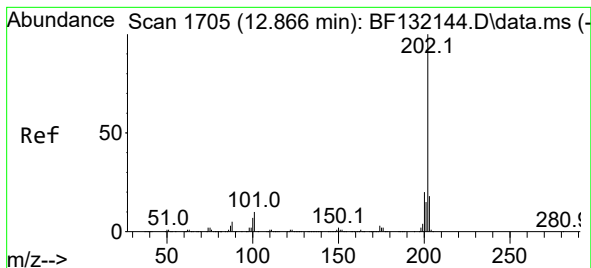
Tgt Ion:178 Resp: 151  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 15.3 22.9#  
 179 0.0 12.6 18.8#



#74  
 Di-n-butylphthalate  
 Concen: 171.323 ng  
 RT: 12.189 min Scan# 1590  
 Delta R.T. -0.006 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Tgt Ion:149 Resp: 1306  
 Ion Ratio Lower Upper  
 149 100  
 150 0.0 7.5 11.3#  
 104 0.0 4.3 6.5#





#75

Fluoranthene

Concen: 44.350 ng

RT: 12.860 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132176.D

Acq: 20 Jan 2023 23:19

Instrument :

BNA\_F

ClientSampleId :

B-P-17B

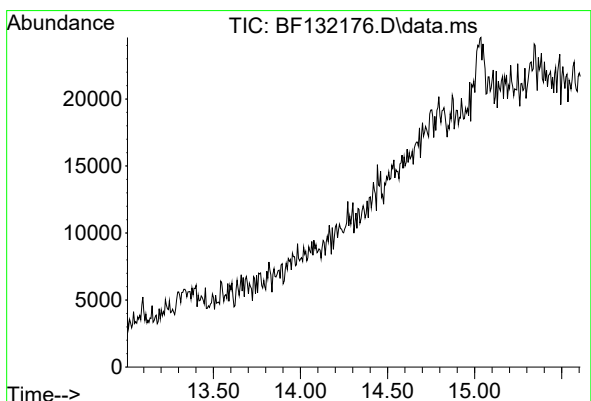
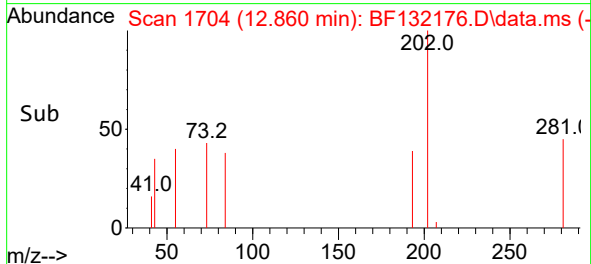
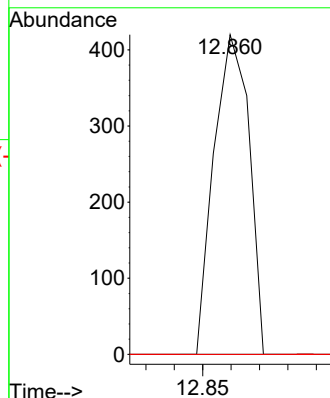
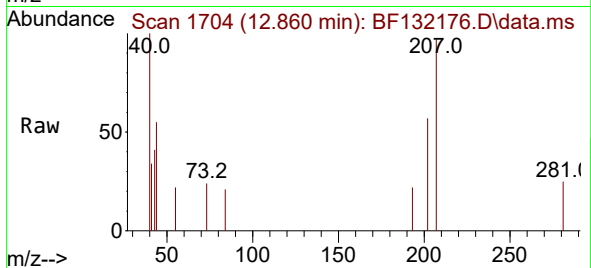
Tgt Ion:202 Resp: 361

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

203 0.0 0.0 37.9



#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 14.31 min

Lab File: BF132176.D

Acq: 20 Jan 2023 23:19

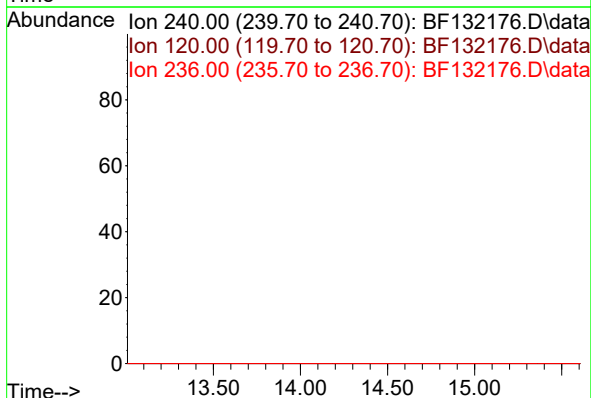
Tgt Ion: 240

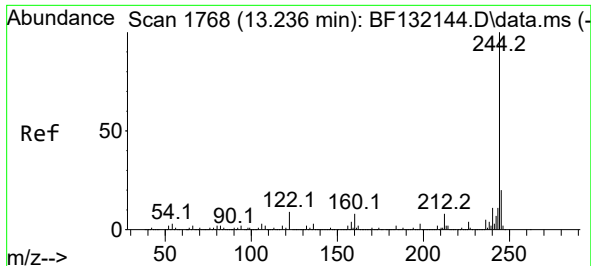
Sig Exp Ratio

240 100

120 8.6

236 25.4

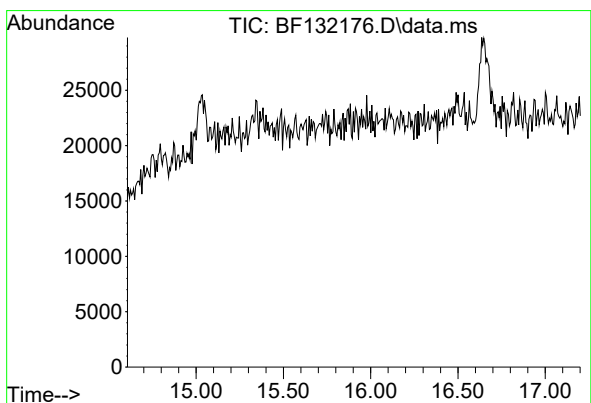
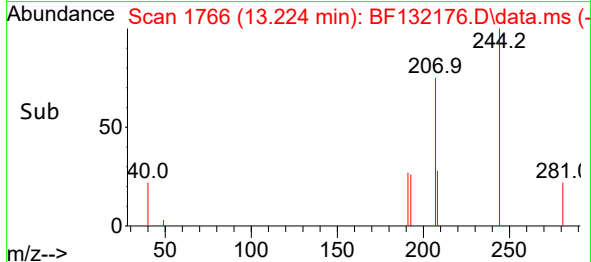
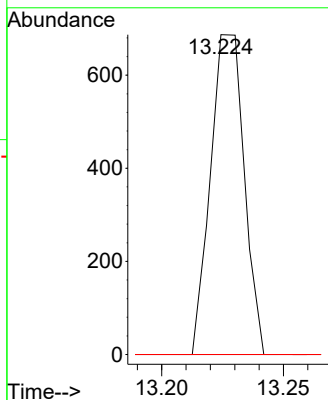
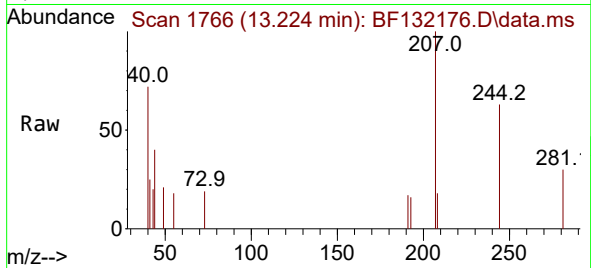




#79  
 Terphenyl-d14  
 Concen: 0.000 ng  
 RT: 13.224 min Scan# 1  
 Delta R.T. -0.012 min  
 Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Instrument :  
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 B-P-17B

Tgt Ion:244 Resp: 662  
 Ion Ratio Lower Upper  
 244 100  
 212 0.0 6.7 10.1#  
 122 0.0 7.4 11.2#



#86  
 Perylene-d12  
 Concen: 0.000 ng  
 Expected RT: 15.90 min

Lab File: BF132176.D  
 Acq: 20 Jan 2023 23:19

Tgt Ion: 264  
 Sig Exp Ratio  
 264 100  
 260 23.9  
 265 21.7

