

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\  
 Data File : BP002953.D  
 Acq On : 12 Aug 2020 17:20  
 Operator : CG/JU  
 Sample : L3653-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BW-STOCK

Quant Time: Aug 12 18:12:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 11 17:14:14 2020  
 Response via : Initial Calibration

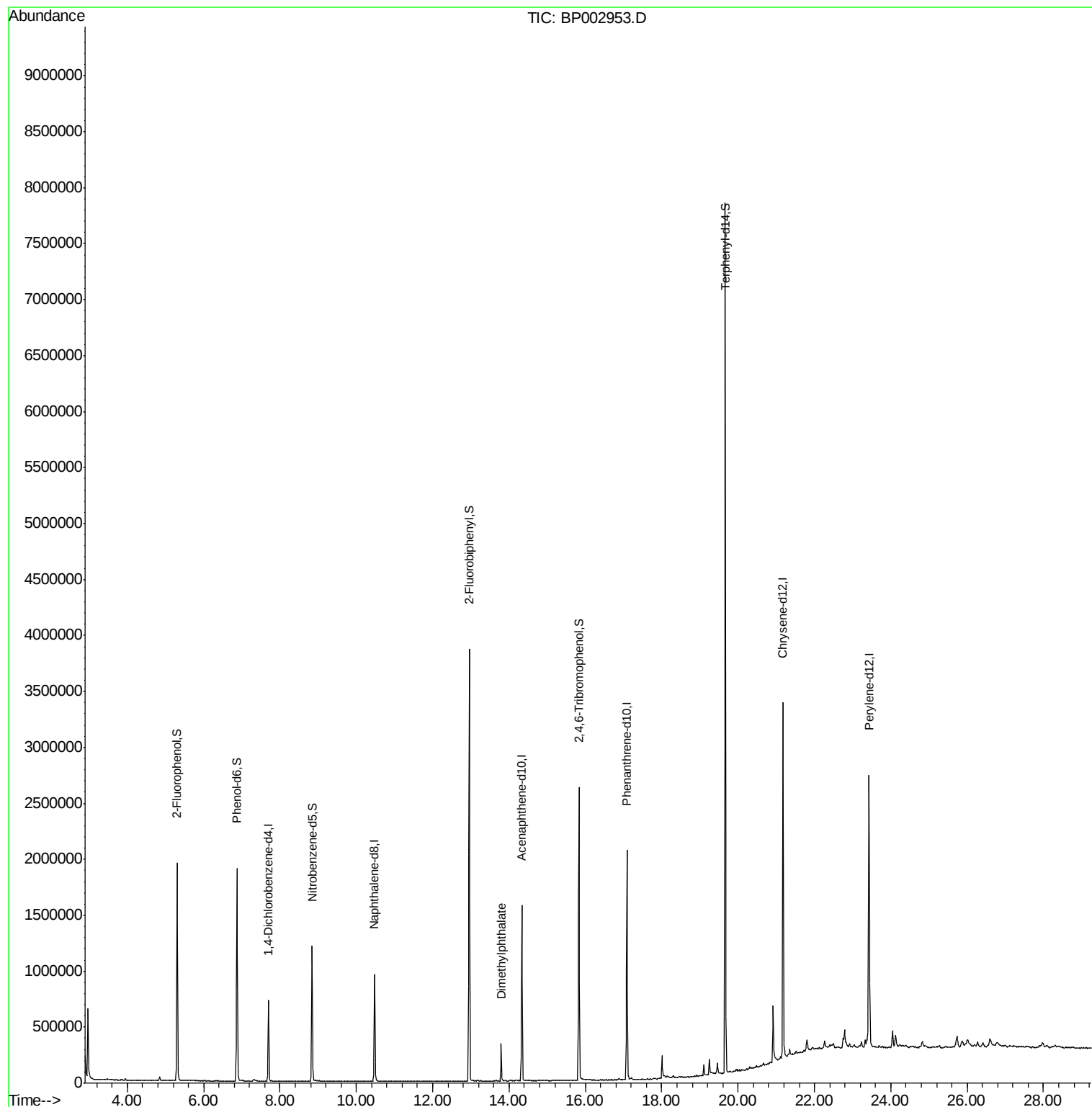
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 218816   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.48 | 136  | 897691   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.33 | 164  | 556147   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.09 | 188  | 1204396  | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.17 | 240  | 1413329  | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 23.43 | 264  | 1708226  | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1048723  | 73.35 | ng    | 0.00      |
| 7) Phenol-d6                | 6.87  | 99   | 1307921  | 65.89 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 8.84  | 82   | 697265   | 42.07 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.83 | 330  | 523976   | 75.80 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.96 | 172  | 2075970  | 51.00 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.66 | 244  | 3221850  | 45.64 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 13.79 | 163  | 241261   | 5.546 | ng    | Qvalue 99 |

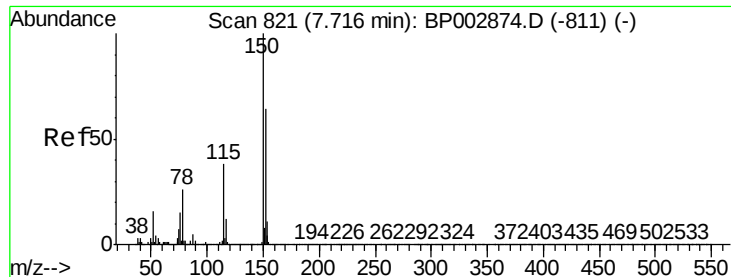
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BW-STOCK

Quant Time: Aug 12 18:12:37 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 11 17:14:14 2020  
Response via : Initial Calibration



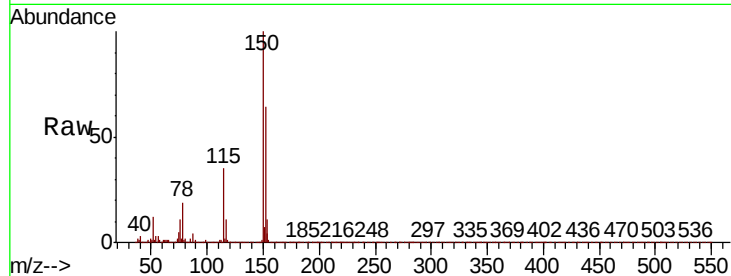


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.70 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BP002953.D  
Acq: 12 Aug 2020 17:20

Instrument :  
BNA\_P  
ClientSampleId :  
BW-STOCK

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.2 | 124.2 | 186.4 |
| 115     | 55.0  | 42.1  | 63.1  |

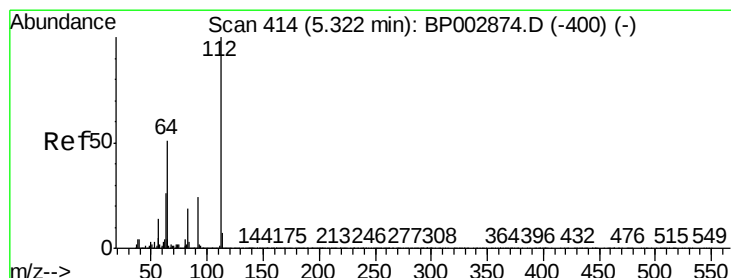
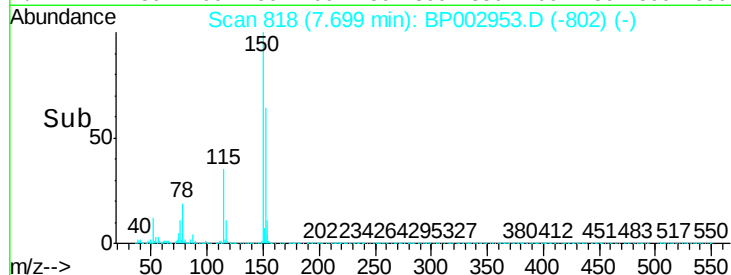
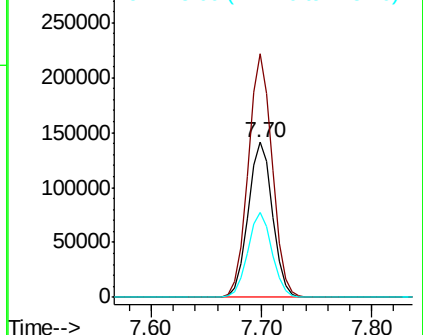


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

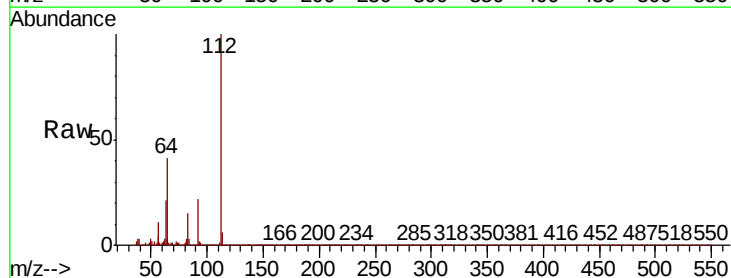
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 73.352 ng  
RT: 5.30 min Scan# 411  
Delta R.T. -0.00 min  
Lab File: BP002953.D  
Acq: 12 Aug 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 41.1  | 33.8  | 50.8  |
| 63      | 20.8  | 17.2  | 25.8  |

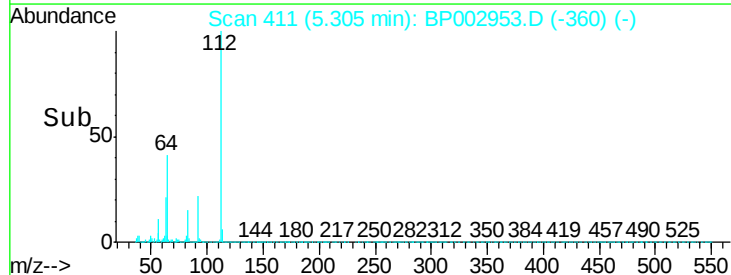
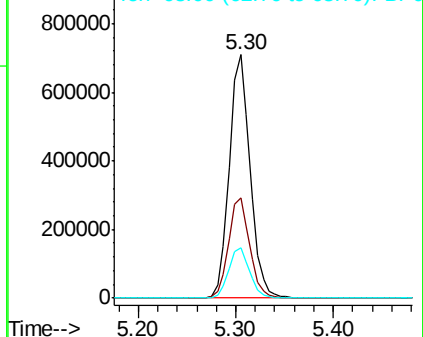


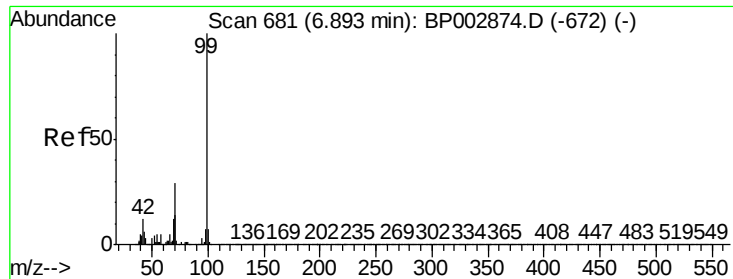
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 65.891 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Instrument :

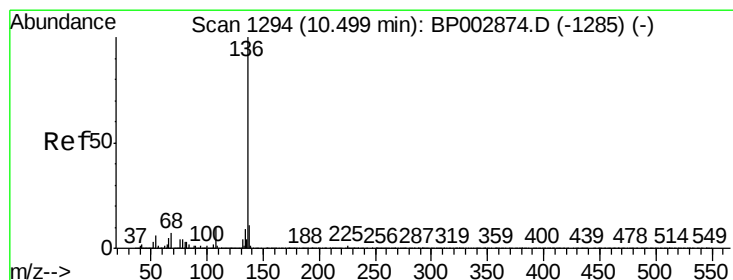
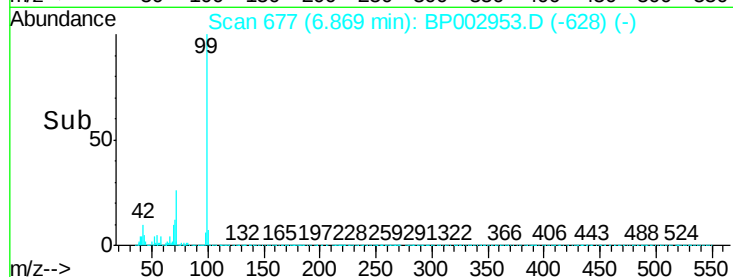
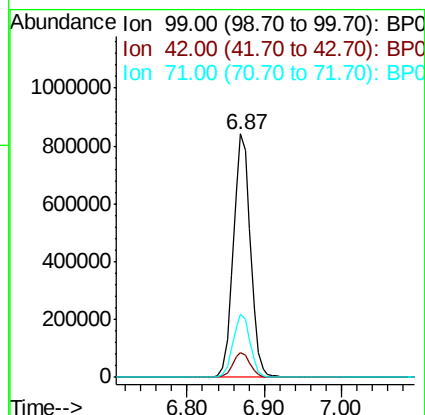
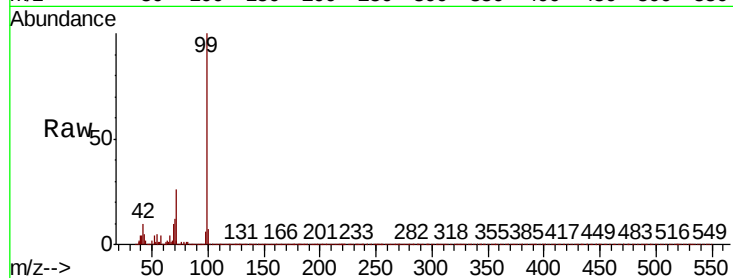
BNA\_P

ClientSampled :

BW-STOCK

Tot Ion: 99 Resp: 1307921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 10.4  | 8.1   | 12.1  |
| 71  | 26.1  | 21.0  | 31.4  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1290

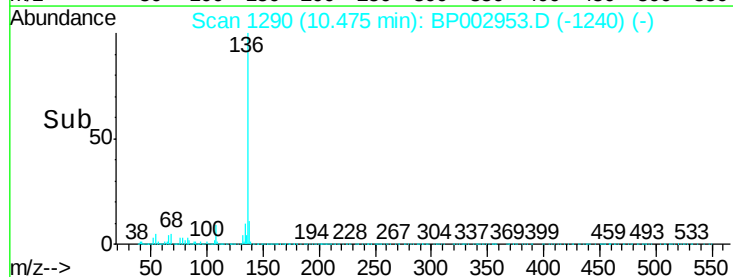
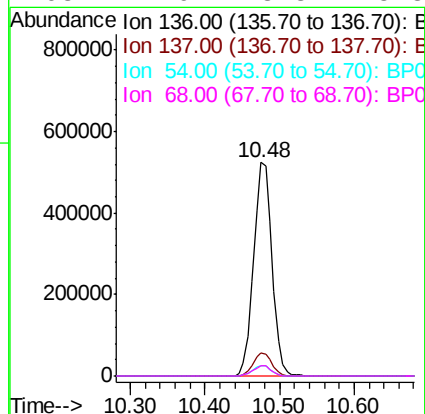
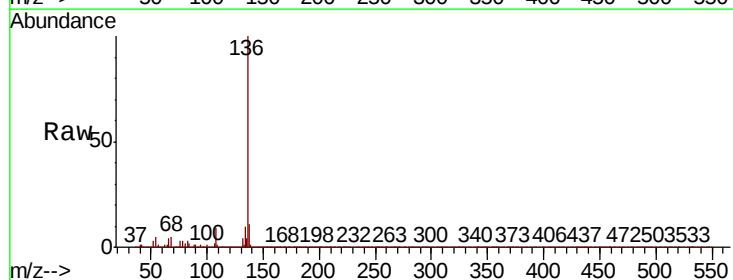
Delta R.T. -0.01 min

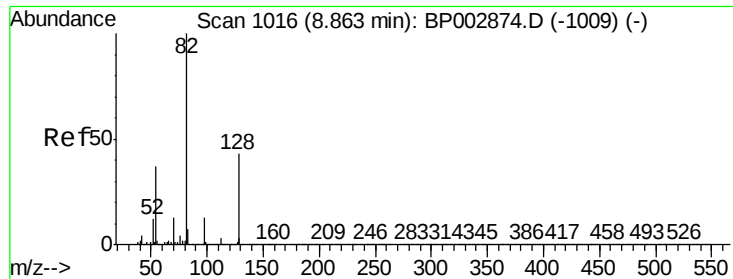
Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Tgt Ion: 136 Resp: 897691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.0   | 13.4  |
| 54  | 5.1   | 3.9   | 5.9   |
| 68  | 4.9   | 3.8   | 5.8   |

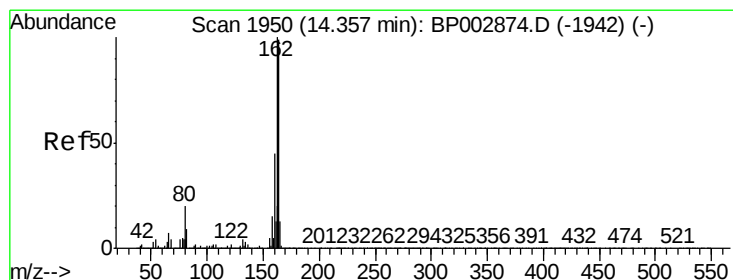
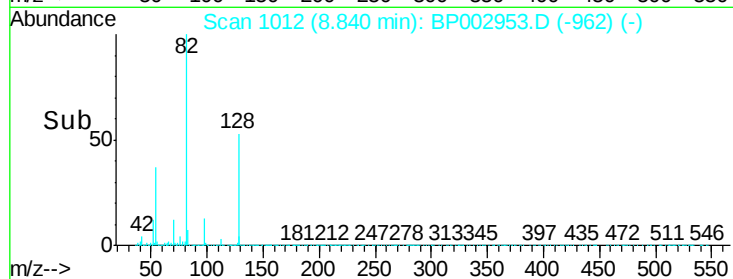
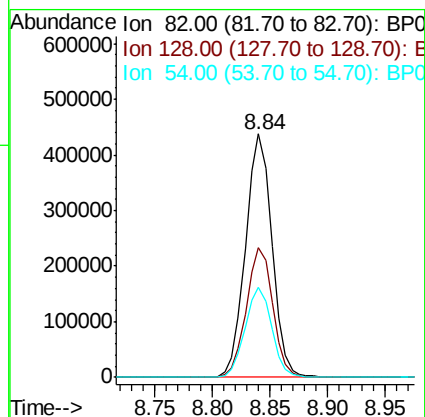
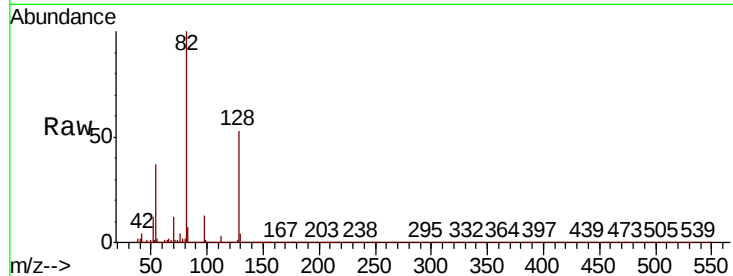




#23  
 Nitrobenzene-d5  
 Concen: 42.070 ng  
 RT: 8.84 min Scan# 1012  
 Delta R.T. -0.01 min  
 Lab File: BP002953.D  
 Acq: 12 Aug 2020 17:20

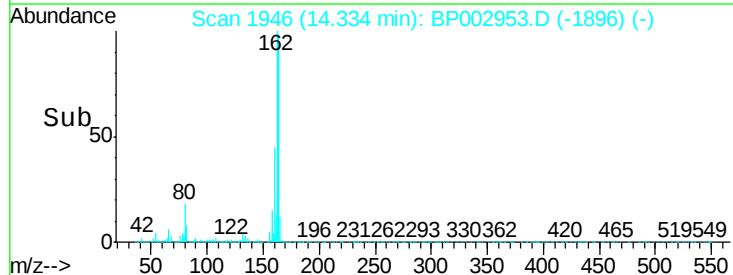
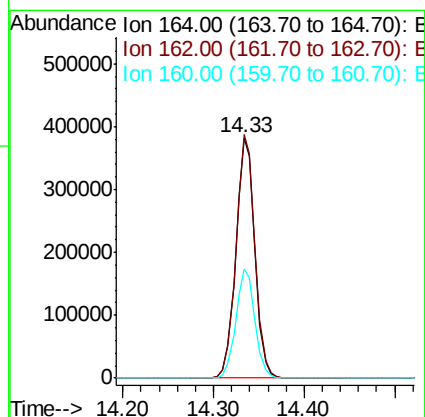
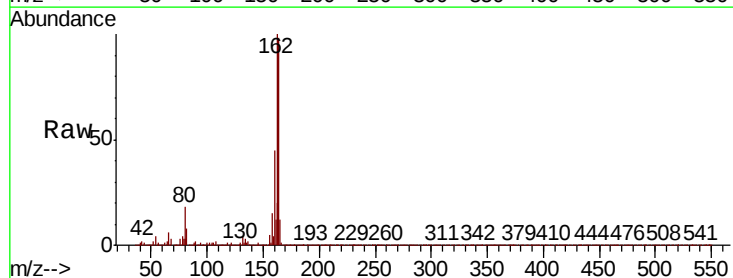
Instrument :  
 BNA\_P  
 ClientSampled :  
 BW-STOCK

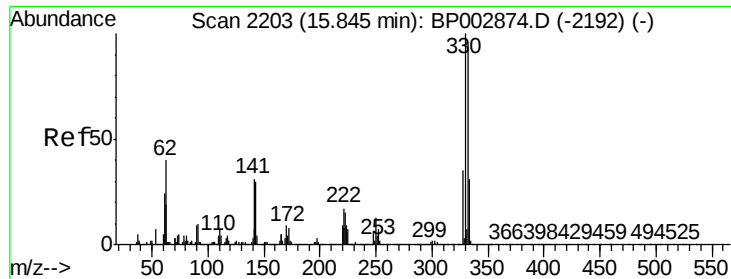
| Tot Ion   | 82    | Resp  | 697265 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 53.4  | 44.6  | 66.8   |
| 54        | 36.8  | 29.2  | 43.8   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.33 min Scan# 1946  
 Delta R.T. -0.01 min  
 Lab File: BP002953.D  
 Acq: 12 Aug 2020 17:20

| Tgt Ion   | 164   | Resp  | 556147 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.5 | 81.0  | 121.4  |
| 160       | 45.5  | 36.2  | 54.4   |

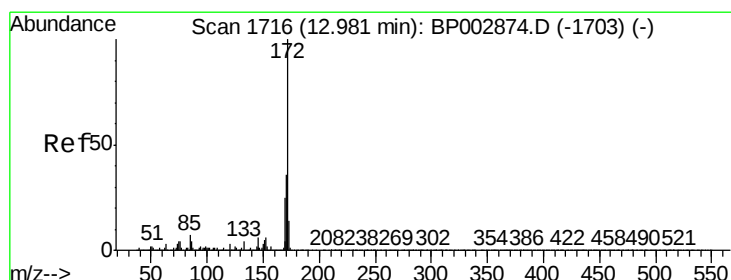
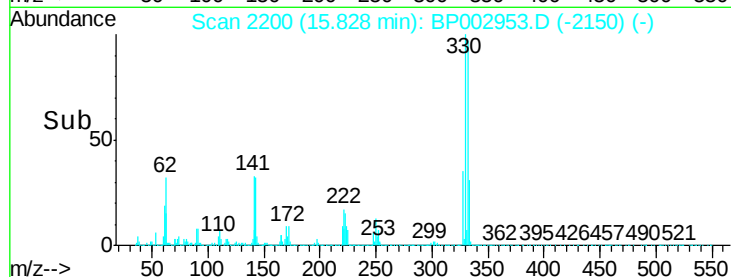
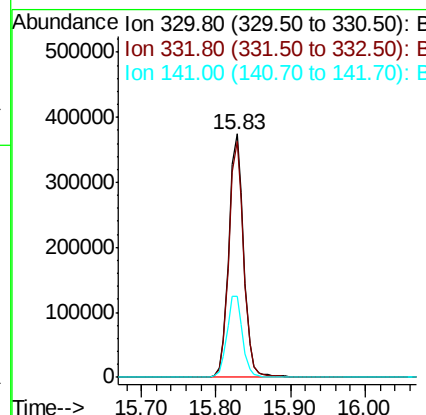
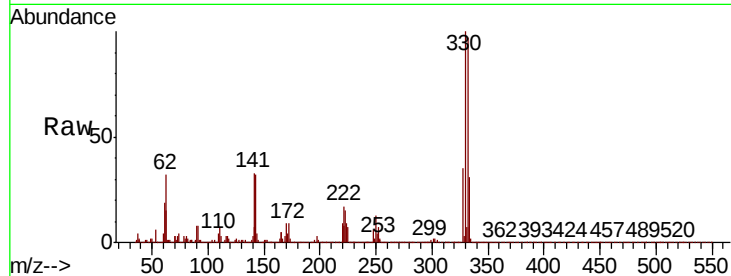




#42  
2,4,6-Tribromophenol  
Concen: 75.804 ng  
RT: 15.83 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BP002953.D  
Acq: 12 Aug 2020 17:20

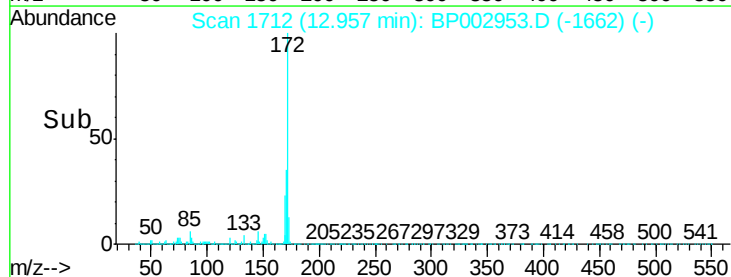
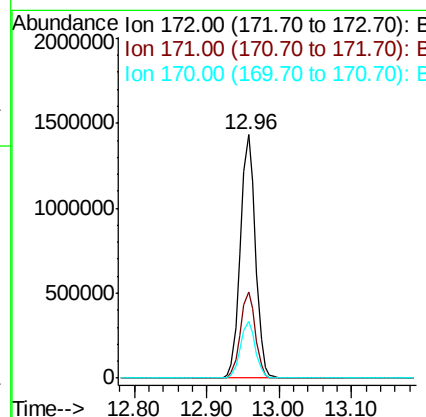
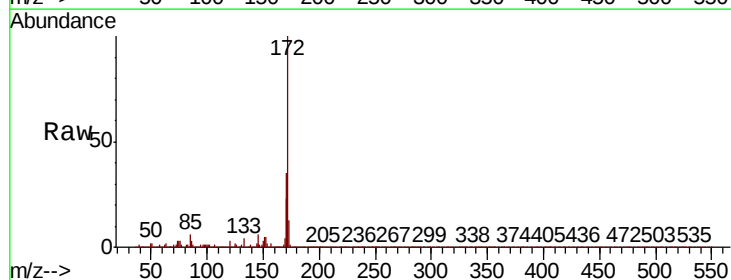
Instrument :  
BNA\_P  
ClientSampleId :  
BW-STOCK

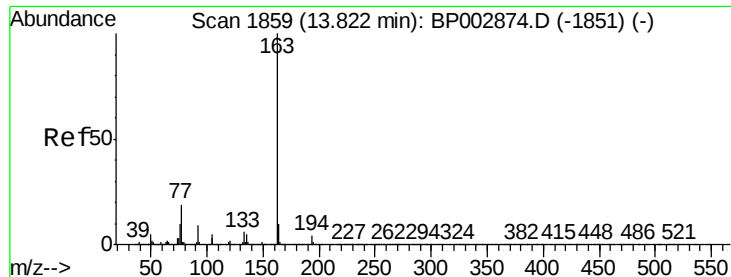
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.0  | 115.4 |
| 141     | 34.8  | 28.6  | 43.0  |



#45  
2-Fluorobiphenyl  
Concen: 51.001 ng  
RT: 12.96 min Scan# 1712  
Delta R.T. -0.01 min  
Lab File: BP002953.D  
Acq: 12 Aug 2020 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 29.6  | 44.4  |
| 170     | 23.1  | 19.6  | 29.4  |





#50

Dimethylphthalate

Concen: 5.546 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Instrument :

BNA\_P

ClientSampleId :

BW-STOCK

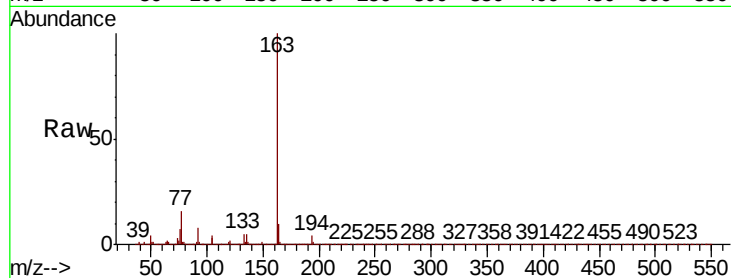
Tot Ion:163 Resp: 241261

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

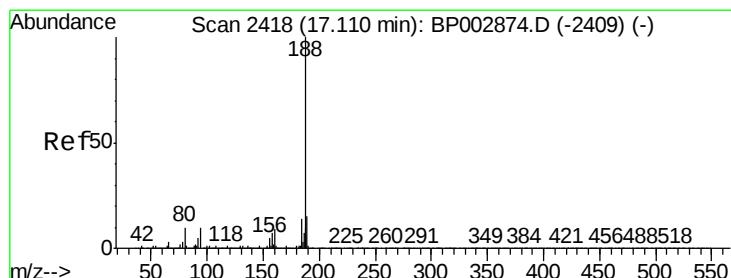
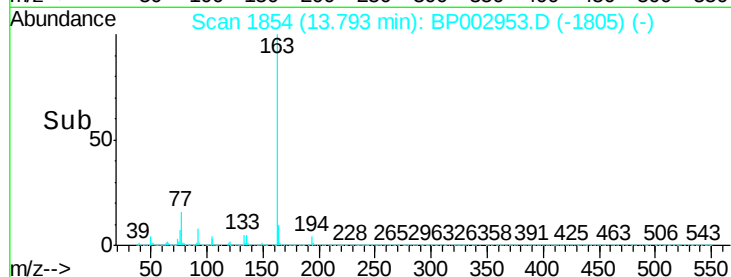
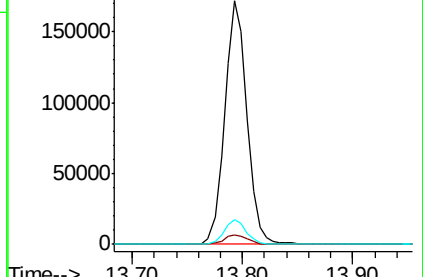
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

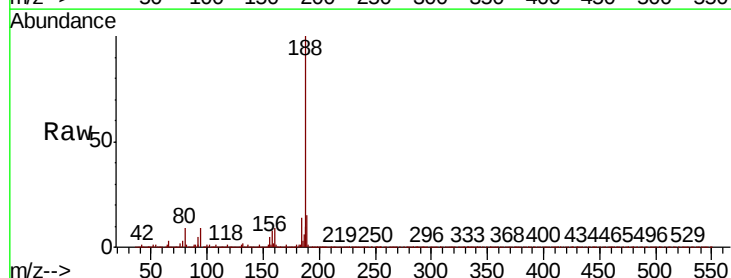
Tgt Ion:188 Resp: 1204396

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

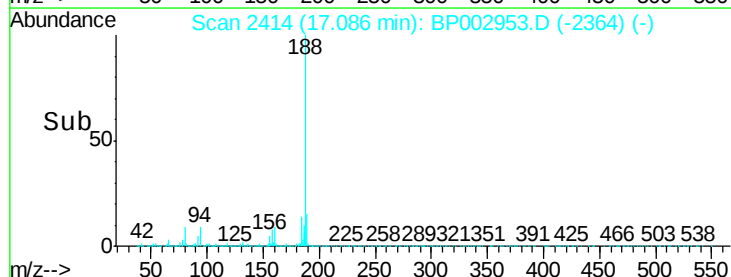
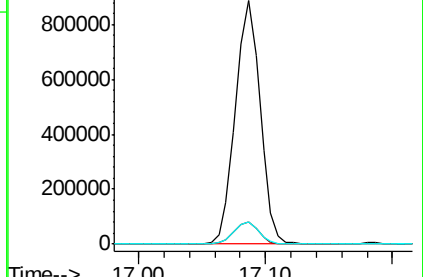
80 8.9 7.0 10.6

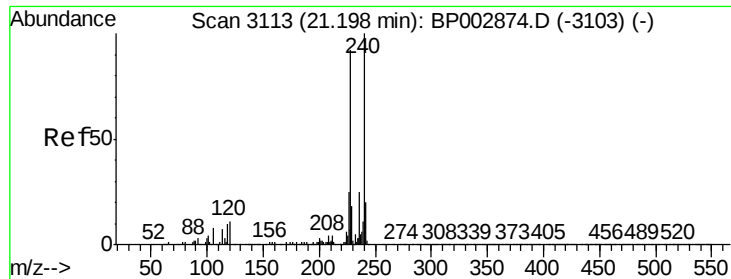


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

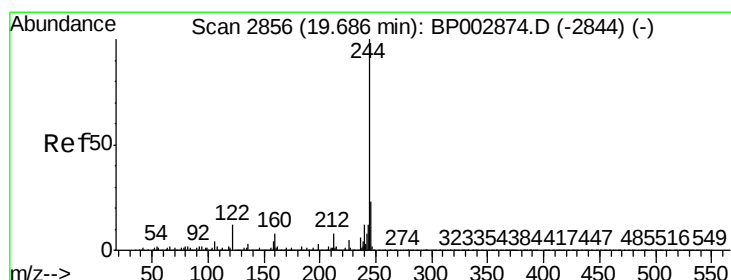
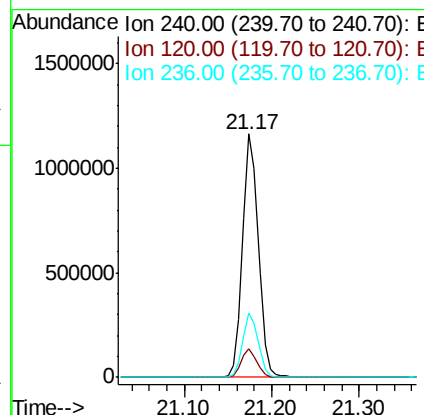
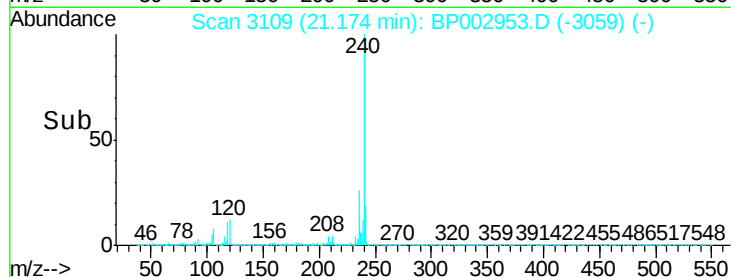
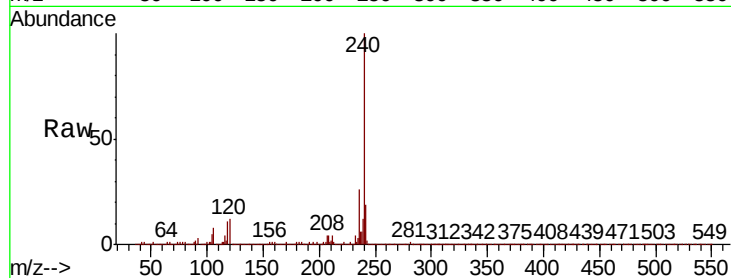




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.17 min Scan# 3109  
Delta R.T. -0.01 min  
Lab File: BP002953.D  
Acq: 12 Aug 2020 17:20

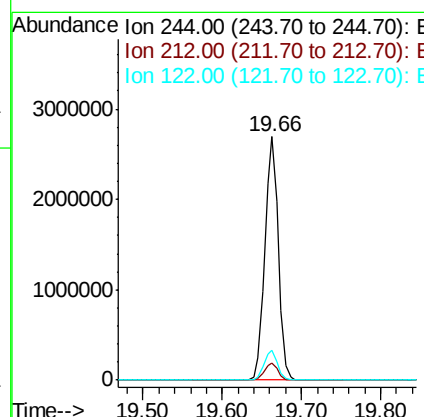
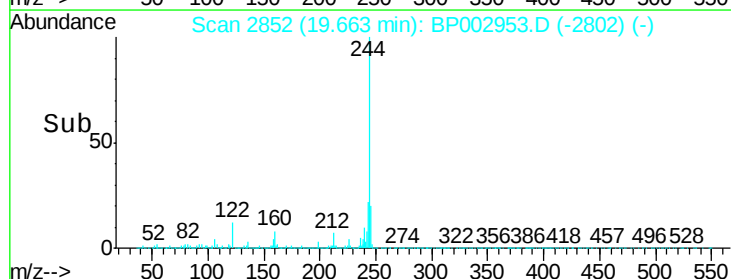
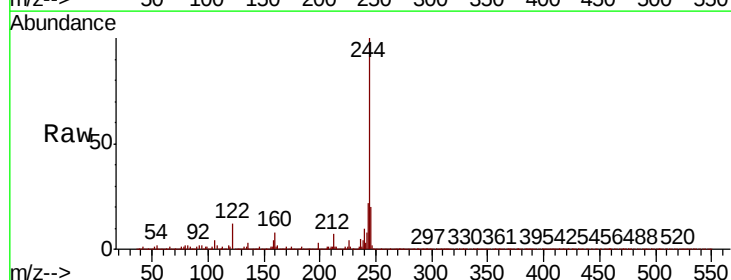
Instrument :  
BNA\_P  
ClientSampleId :  
BW-STOCK

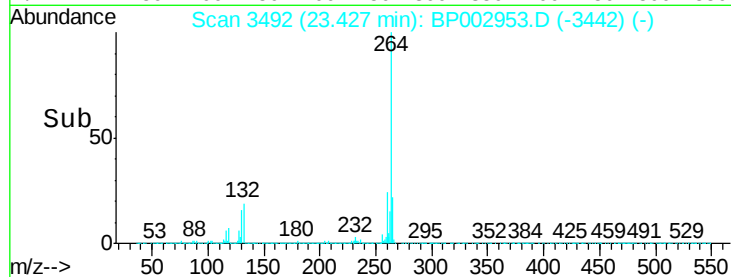
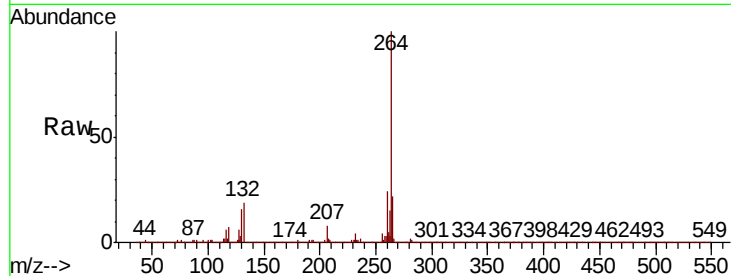
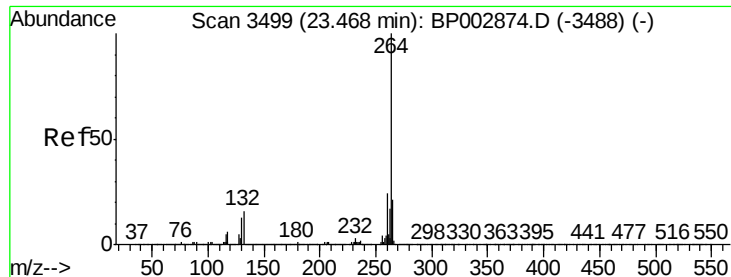
Tot Ion:240 Resp: 1413329  
Ion Ratio Lower Upper  
240 100  
120 11.7 10.6 16.0  
236 26.4 20.7 31.1



#79  
Terphenyl-d14  
Concen: 45.637 ng  
RT: 19.66 min Scan# 2852  
Delta R.T. -0.01 min  
Lab File: BP002953.D  
Acq: 12 Aug 2020 17:20

Tgt Ion:244 Resp: 3221850  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.3 9.5  
122 12.0 9.9 14.9





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.43 min Scan# 3492  
 Delta R.T. -0.01 min  
 Lab File: BP002953.D  
 Acq: 12 Aug 2020 17:20

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BW-STOCK

Tot Ion: 264 Resp: 1708226  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.7 28.1  
 265 21.8 17.6 26.4

